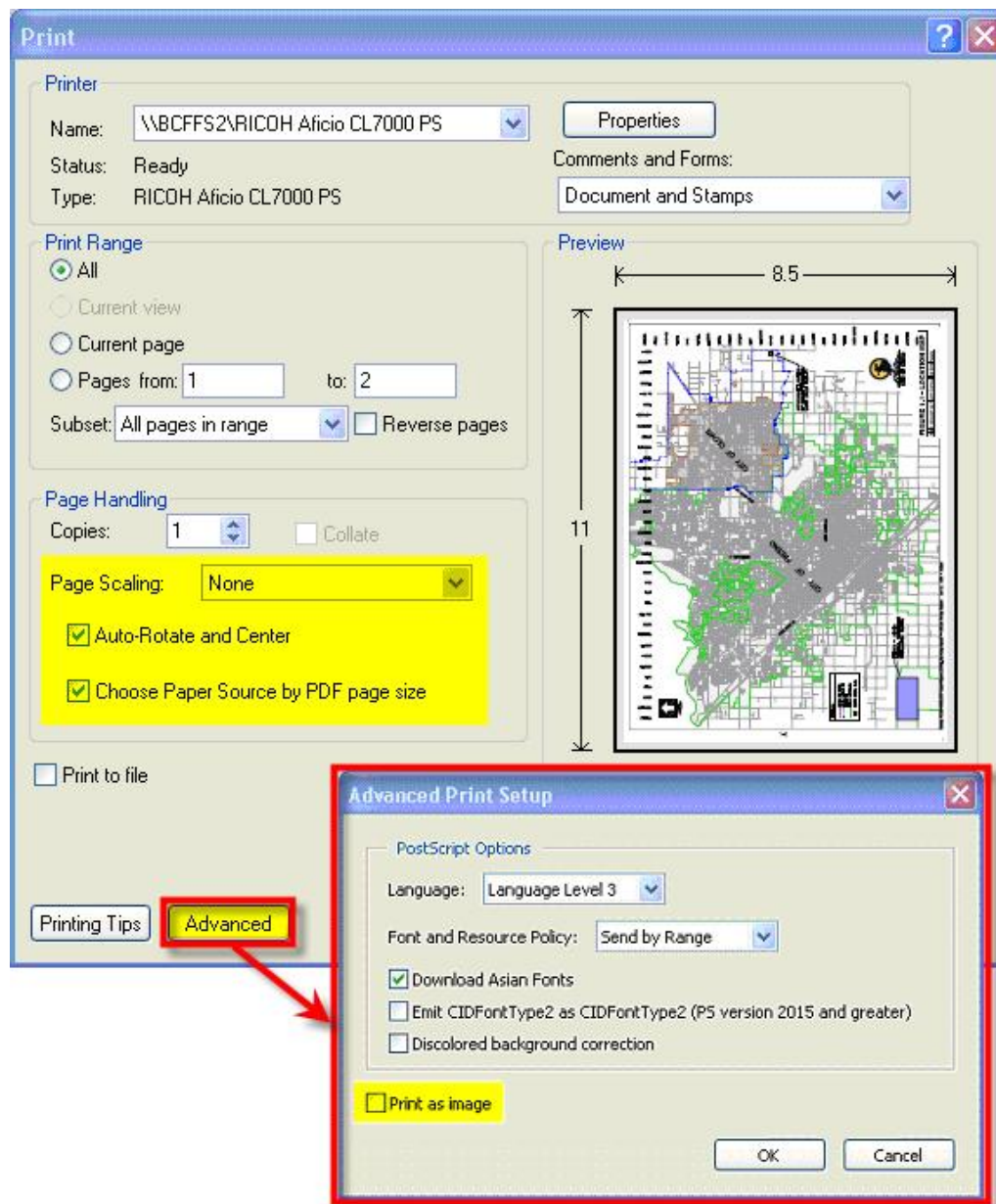


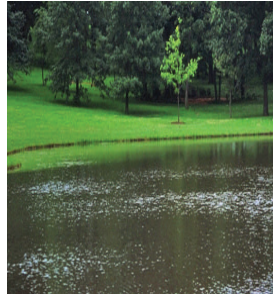
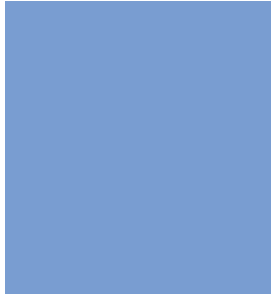
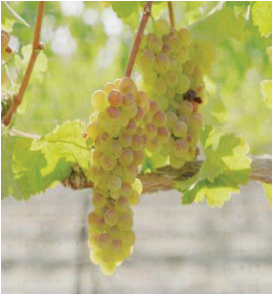
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RECYCLED WATER MASTER PLAN

June 2005

Blair, Church & Flynn
CONSULTING ENGINEERS

451 Clovis Avenue, Suite 200
Clovis, CA 93612
(559) 326-1400

Draft

DRAFT

CITY OF CLOVIS

RECYCLED WATER MASTER PLAN

JUNE 2005



Prepared By:

Blair, Church & Flynn Consulting Engineers

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Clovis, CA 93612

(559) 326-1400

Executive Summary (Not included in Draft)

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1.1 Authorization

The City of Clovis (City) has retained the services of Blair, Church & Flynn Consulting Engineers (BC&F) to develop a Recycled Water Master Plan (Master Plan) for the distribution and use of recycled water.

1.2 Background

The City of Clovis is located in Fresno County, California and was incorporated in 1912. In 2004, the City had a population of approximately 80,884 and an incorporated land area of 19.52 square miles.

The City owns, operates and maintains its own wastewater collection system. All wastewater collected within the City of Clovis is conveyed to the Fresno-Clovis Regional Wastewater Reclamation Facility (Regional Plant), which is a secondary treatment plant located in the southwest portion of the City of Fresno. In order to help meet future wastewater treatment needs and reduce the dependency on groundwater, the City has moved forward with plans to build a Sewage Treatment/Water Reuse Facility (Reuse Facility, ST/WRF). The Reuse Facility is proposed north of Ashlan Avenue between Thompson and McCall Avenues and will have an ultimate treatment capacity of 8.4 million gallons per day (MGD). Figure 1.1 shows the locations of the existing Regional Plant and the proposed Reuse Facility.

As indicated in the *City of Clovis Sewage Treatment / Water Reuse Facility Program Draft Environmental Impact Report* (City of Clovis, 2005), the primary objectives of the Reuse Facility are to:

- Provide innovative and cost effective wastewater treatment to meet the needs of the City as it reaches General Plan build-out in 2030;
- Reduce the amount of potable (drinking) water consumed for non-potable (recycled) water uses to offset the historic overdraft of groundwater in the area;
- Provide a reliable, drought-proof source of recycled water that meets Title 22 requirements for Disinfected Tertiary Treated Recycled Water as defined in the California Code of Regulations for unrestricted use;
- Provide a facility that would be a good neighbor in that the facility would be attractive and compatible with adjacent land uses, would not create objectionable odors or noise, and would produce high quality recycled water; and
- Be financially feasible.

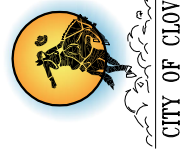
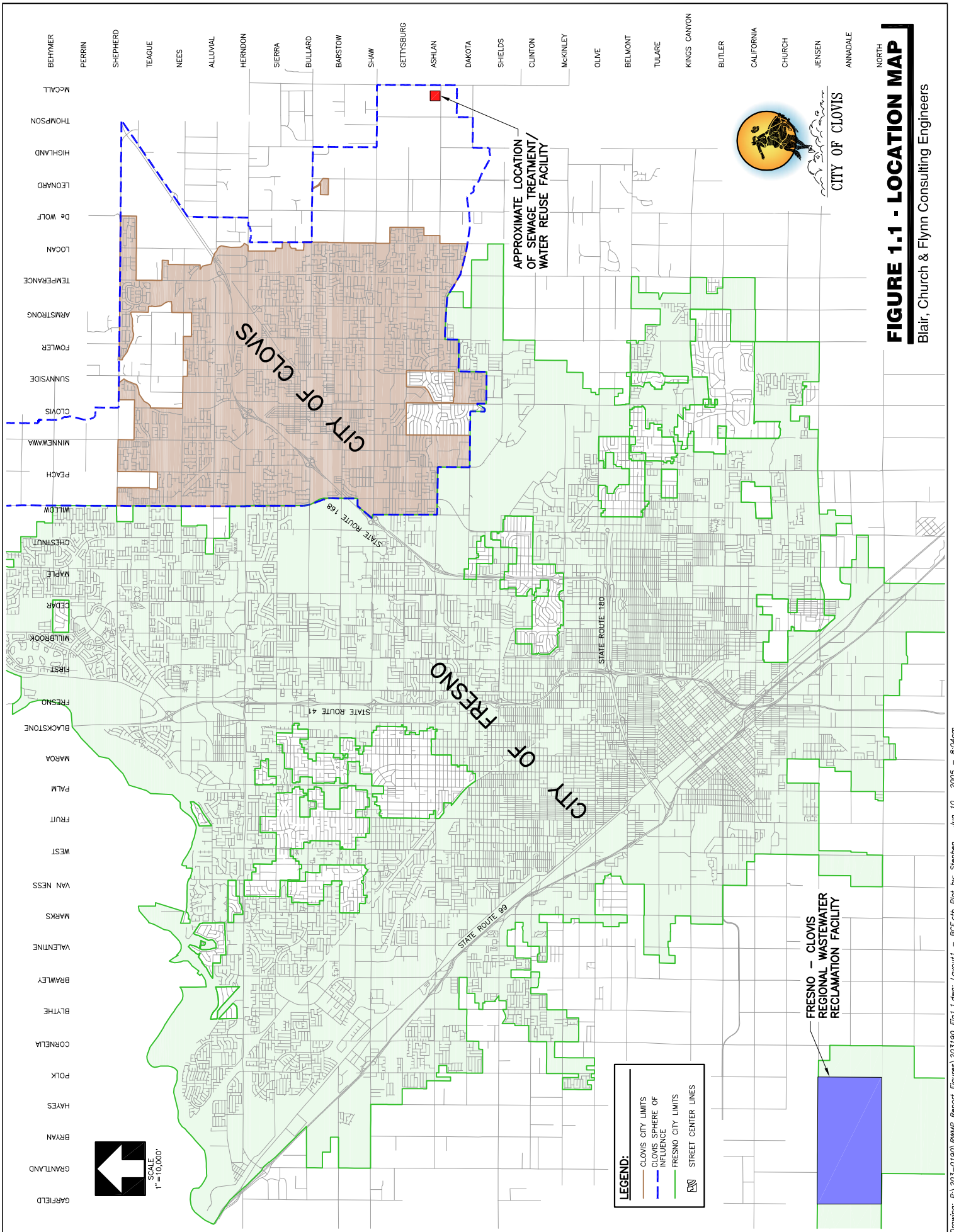


FIGURE 1.1 - LOCATION MAP
Blair, Church & Flynn Consulting Engineers

The proposed Reuse Facility will be designed and constructed in accordance with a Design-Build-Operate (DBO) process. The City plans to issue requests for proposals in June 2005 to pre-qualified DBO contractors to design, build and operate the first phase of the Reuse Facility, which will have a treatment capacity of 2.8 MGD and is scheduled to be operational in 2008. The recycled water produced by the Reuse Facility will be disinfected tertiary recycled water and will be distributed via pump stations and transmission pipelines to recycled water use areas. The identified recycled water use areas include landscaped and agricultural areas and some decorative lakes.

1.3 California's Water Recycling Objectives

Assembly Bill No. 331 was passed by the California Legislature, and signed into law by Governor Gray Davis on October 7, 2001. The bill required the creation of the 2002 Recycled Water Task Force (Task Force) to identify constraints, impediments, and opportunities for the increased use of recycled water.

The efforts of the Task Force resulted in a report entitled *Water Recycling 2030* (California Recycled Water Task Force, 2003). According to this report, California's 2003 population of 35 million is expected to grow by roughly 17 million by 2030. The report also states that in order to meet the water demands associated with this growth, it will be necessary to develop a balanced portfolio of water resources, which must include water recycling.

The Water Recycling 2030 report is intended to be used as a working tool to guide the Legislature, State government, public agencies, the public and all water recycling stakeholders towards the safe and successful expansion of recycled water use to help meet the State's future water supply needs.

1.4 Purpose

The purpose of this Master Plan is to provide a tool for the City to evaluate and implement recycled water infrastructure projects through the year 2030. Specifically, the Master Plan is intended to identify recycled water use areas, estimate recycled water demand, identify required infrastructure, develop a capital improvement plan, and assist in some permitting efforts associated with the Reuse Facility.

The production, distribution and use of recycled water are governed by federal, state and local rules and regulations. This Chapter identifies and briefly describes the federal and state regulations that are applicable to this project.

2.1 State of California Requirements

2.1.1 California Code of Regulations – Title 22

Title 22 of the California Code of Regulations (Title 22) includes regulations for the production, distribution and use of recycled water. The articles of Title 22, Chapter 2 pertaining to recycled water are listed below:

- Article 1 - Definitions
- Article 2 - Sources of Recycled Water
- Article 3 - Uses of Recycled Water
- Article 4 - Use Area Requirements
- Article 5 - Dual Plumbed Recycled Water Systems
- Article 5.1 - Ground Water Recharge
- Article 6 - Sampling and Analysis
- Article 7 - Engineering Report and Operational Requirements
- Article 8 - General Requirements of Design
- Articles 9 & 10 - Reliability Requirements

The proposed Reuse Facility will supply disinfected tertiary recycled water for reuse. According to Title 22, this highly treated recycled water may be used for irrigation of food crops, parks, playgrounds, residential landscaping, golf courses and any other irrigation use not prohibited by other sections of the California Code of Regulations. A partial list of recycled water uses allowed by Title 22 is included in Table 2.1.

2.1.2 California Code of Regulations – Title 17

The portions of Title 17 that are applicable to the use of recycled water include regulations regarding the protection of the potable water system from contaminants such as recycled water, via backflow preventers or air gaps. The type of backflow device required on a potable water system varies with the degree of hazard associated. The minimum type of backflow prevention required for various degrees of hazard are included in Title 17, Article 2, Table 1 (See Appendix A).

2.1.3 California Health and Safety Code

The applicable portions of the Health and Safety Code include portions of Chapter 5, Article 7, which includes requirements for cross connection control by water users.

Regulatory Requirements

Table 2.1: Recycled Water Use Regulations

RECYCLED WATER USES	RECYCLED WATER QUALITY			
	DISINFECTED TERTIARY	DISINFECTED SECONDARY	DISINFECTED SECONDARY	UNDISINFECTED SECONDARY
	-2.2	-2.2	-23	
LANDSCAPE IRRIGATION				
Parks & Playgrounds				
Schoolyards & Playfields				
Residential Landscaping				
Golf Course - unrestricted access				
Cemeteries				
Freeway Landscaping				
Golf Course - restricted access				
Ornamental Nurseries & Sod Farms				(10)
Landscape Impoundments		(4)	(4)	
Non-Edible Vegetation - w/controlled access		(2)	(2)	
AGRICULTURAL IRRIGATION				
Food Crops - contact with edible portion of crop	(1)			
Food Crops - no contact w/edible portion above ground				
Pastures - animals producing milk for humans				
Pastures - animals not producing milk for humans				
Orchards - no contact with edible portion				
Vineyards - no contact with edible portion				
Non-Food Bearing Trees		(9)	(9)	(9)
Fodder & Fiber Crops				
Seeds - not for human consumption				
Food Crops - processed		(3)	(3)	
Fish Hatcheries				
COMMERCIAL / INDUSTRIAL				
Toilet & Urinal Flushing				
Drain Trap Priming				
Evaporative Condensers				
Cooling & Air Conditioning - w/cooling towers	(6)	(5)	(5)	
Industrial processes - w/possible worker contact				
Structural Fire Fighting				
Decorative Fountains				
Commercial Car Washes	(7)			
Commercial Laundries				
Backfill Consolidation - around potable lines				
Artificial Snow Making				
Industrial Boiler Feed				
Non-Structural Fire Fighting				
Backfill Consolidation - around non-potable lines				
Soil Compaction				
Concrete Mixing				
Dust Control - on roads and streets				
Sanitary Sewer Cleaning/Flushing				
Cleaning - roads, sidewalks, outdoor work areas				
IMPOUNDMENTS				
Restricted Recreational				
Unrestricted Recreational	(8)			

Notes

1. Recycled water used for the irrigation of food crops where edible portions are contacted by recycled water.
2. Access is controlled; irrigated area cannot be used as if it were a park, playground, or school yard.
3. Food crop must undergo pathogenic destroying process prior to human consumption.
4. Does not utilize decorative fountains.
5. Cannot be used if cooling towers, evaporative condensers, or spraying that creates a mist are present in the cooling system.
6. Where system creates mist that could contact employees or where cooling tower is used in conjunction with an air conditioning system:
 - ▶ drift eliminators must be used.
 - ▶ chlorine or other biocide residual shall be used to treat cooling system recirculating water to minimize growth of Legionella and other micro-organisms.
7. Where the washing is not done by hand and where the general public is excluded from the washing process.
8. Conventional treatment not required, but must monitor for pathogenic organisms.
9. Not irrigated within 14 days of harvest (e.g. christmas tree farms).
10. Not irrigated within 14 days of harvest, retail sale, or allowing of access by general public.

Source: California Code of Regulations, Title 22 and the American Water Works Association - California-Nevada Section's Guidelines for the on-site Retrofit of Facilities Using Disinfected Tertiary Recycled Water (1997).

2.1.4 California Water Code

The California Water Code (CWC), Division 7, Chapters 7 and 7.5 include additional regulations regarding the production and use of recycled water.

Section 13522.2 of the CWC requires that any person using or proposing to use recycled water, that is not supplied by a supplier for whom a master permit has been obtained, shall file with the appropriate regional board a report containing information required by the regional board. The City of Clovis will seek to obtain a master permit. In the event that the City is unable to obtain the master permit, the City will ensure that each individual recycled water user has a report on file with the regional board prior to the City delivering recycled water to the user.

2.2 Federal Requirements

The applicable federal requirements for this project include the Clean Water Act and the Safe Drinking Water Act.

2.2.1 Clean Water Act

The Clean Water Act (CWA) includes the basic structure for regulating discharges of pollutants into the waters of the United States. The CWA gives the Environmental Protection Agency the authority to implement pollution control programs and regulate discharges to waters of the United States through permits issued under the National Pollutant Discharge Elimination System (NPDES) permitting program. Section 301 of the CWA prohibits a point source discharge of pollutants into waters of the United States without an NPDES permit. NPDES permits require treatment of the pollutants to a degree that will comply with established water quality standards. The discharge of recycled water into waters of the United States is prohibited without an NPDES permit.

2.2.2 Safe Drinking Water Act

The Safe Drinking Water Act (SDWA) was established to protect the quality of drinking water in the United States, whether from above ground or underground sources. The SDWA authorizes the Environmental Protection Agency to set national health-based standards for drinking water to protect against both naturally occurring and manmade contaminants that may be found in drinking water.

2.3 Water Quality Control Basin Plans

Water quality control plans, or basin plans, contain California's administrative policies and procedures for protecting state waters. Basin plans are required by Section 13240 of the California Water Code. In addition, Section 303 of the Federal Clean Water Act requires states to adopt water quality standards that "consist of the designated uses of navigable waters involved and the water quality criteria for such water based on such uses." One significant difference between the state and federal programs is that California's basin plans establish standards for ground waters in addition to surface waters.

2.3.1 Water Quality Control Plan for the Tulare Lake Basin

The Tulare Lake Basin comprises the drainage area of the San Joaquin Valley, south of the San Joaquin River. The majority of the proposed recycled water use areas are within the boundaries of the Tulare Lake Basin. Recycled water quality and reuse must comply with the Water Quality Control Plan for the Tulare Lake Basin (Tulare Lake Basin Plan).

2.3.2 Water Quality Control Plan for the San Joaquin River Basin

The San Joaquin River Basin includes the entire area drained by the San Joaquin River and includes all watersheds tributary to the San Joaquin River and the Delta, south of the Sacramento River and south of the American River watershed. Surface water from the Tulare Lake Basin does not typically drain north into the San Joaquin River, except during years of extreme rainfall. Recycled water quality and reuse must comply with the Water Quality Control Plan for the San Joaquin River Basin (San Joaquin River Basin Plan).

2.4 Water Recycling Ordinance

The City plans to develop and adopt a Water Recycling Ordinance to establish water recycling policy, adopt the Recycled Water Master Plan, and develop procedures for recycled water use. Additionally the City plans to own and operate the recycled water system.

The Reuse Facility will be constructed in three separate phases and will produce high quality recycled water. This chapter describes the Reuse Facility’s capacity and the recycled water quality.

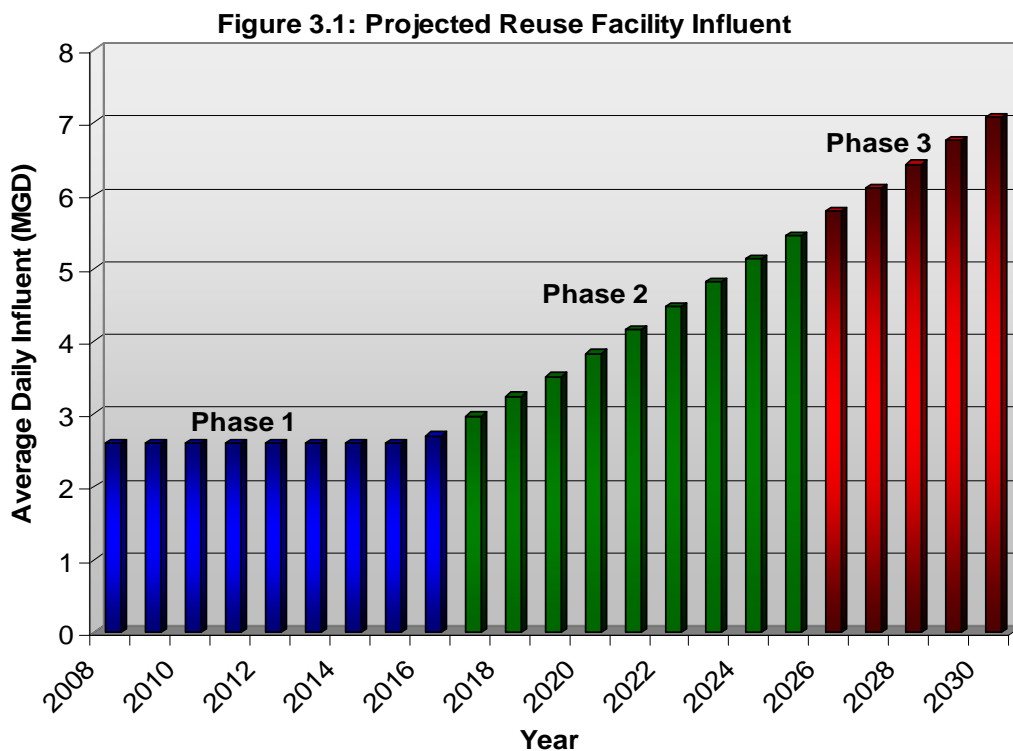
3.1 Reuse Facility Phasing

The Reuse Facility phasing schedule is included in Table 3.1.

Table 3.1: Reuse Facility Phasing

Phase	Average Daily Treatment Capacity (MGD)	Estimated Operation Date
1	2.8	2008
2	5.6	2017
3	8.4	2026

The projected Reuse Facility influent is shown on Figure 3.1. In order to help provide an adequate amount of influent to the Reuse Facility, supplemental wastewater from an adjacent service area is planned to be conveyed to the Reuse Facility during the first eight years of operation. As development occurs in areas tributary to the Reuse Facility, the amount of wastewater from the adjacent service area conveyed to the Reuse Facility will be decreased. Eventually supplemental wastewater will no longer be required. The anticipated amount of influent to the Reuse Facility during Phase 1 is 2.6 MGD, which is 0.2 MGD less than the Phase 1 capacity.



Treatment Capacity and Water Quality

The amount of recycled water produced by the Reuse Facility is expected to be approximately equal to the amount of influent received by the Reuse Facility.

3.2 Recycled Water Quality

The potential recycled water uses identified in this report include, but are not limited to, irrigation of school yards, parks, playgrounds and food crops. According to Title 22 requirements, recycled water for such uses must be of a quality better than or equal to that of disinfected tertiary recycled water.

The proposed Reuse Facility will be designed, constructed and operated in accordance with a design-build-operate (DBO) agreement. As a result, some of the details regarding the proposed treatment process are not known at this time. However, the City has developed performance criteria to ensure that the proposed Reuse Facility will produce recycled water that meets or exceeds Title 22 requirements for disinfected tertiary recycled water.

According to the draft final *Engineering Report for the Production, Distribution, and Use of Recycled Water* (Red Oak Consulting, 2004), recycled water produced by the Reuse Facility will be of higher quality than disinfected tertiary recycled water as defined in Section 60301.230 of Title 22. Specifically, the recycled water produced by the Reuse Facility will undergo a nitrogen removal process. Additionally, the Engineering Report indicates that the quality of the recycled water produced by the Reuse Facility is expected to meet the discharge requirements for the discharge of recycled water to surface waters.

In order to satisfy the Title 22 requirements, the proposed treatment process will likely include influent screening, grit removal, biological treatment, filtration and disinfection, all in accordance with the Department of Health Services' Water Recycling Criteria Treatment Requirements, as listed in the *Treatment Technology Report for Recycled Water* (California Department of State Health, 2003).

Additionally, recycled water quality and reuse must also comply with the Tulare Lake and San Joaquin River Basin Plans. These basin plans contain policies and procedures for protecting state waters.

This Chapter identifies potential recycled water use areas and outlines the reference material used and approximations made to calculate recycled water demand.

4.1 Recycled Water Use Areas

Several potential recycled water use areas were considered by the City during the development of this Master Plan. Recycled water use areas considered included, but were not limited to, public landscaped areas within the proposed Southeast, Northeast and Northwest Urban Centers, residential front lawns of proposed homes within the Southeast, Northwest and Northeast Urban Centers, existing and proposed Clovis Unified Elementary School Sites, Clovis Community Hospital, existing and proposed City Parks, existing and proposed landscaped medians and parkways, existing and proposed commercial, office and industrial areas, cemeteries, decorative lakes, State Route 168, agricultural land at California State University, Fresno (CSUF), and agricultural land near the Reuse Facility.

Upon inspection, the City selected the most viable recycled water use areas. The recycled water use areas selected by the City include portions of the Southeast Urban Center, portions of the Harlan Ranch Development, some existing and planned City parks, some Clovis Unified School District School Sites, the Clovis Cemetery, State Route 168, and portions of the agricultural land at CSUF. Table 4.1 includes a list of the potential recycled water users. Figures 4.1, 4.2 and 4.3 show the locations of the potential recycled water users for Phases 1, 2 and 3, respectively. The phasing of the recycled water system corresponds with the phasing of the Reuse Facility.

Within the Southeast Urban Center, recycled water will be used to irrigate parkways and median islands within all expressways, arterials and collectors, parkways along the main thoroughfare through residential subdivisions, and all landscaped areas of schools, parks, pedestrian trails, commercial areas, and public facilities.

Within the Harlan Ranch Development, recycled water will be used to irrigate the landscaped area of one school, parkways along the main thoroughfare through residential subdivisions, landscaped areas of other major streets, and other significant landscaped areas such as parks and pedestrian trails.

Currently, the City has no formal agreements for recycled water use with any recycled water users.

Recycled Water Demand

Table 4.1: Potential Recycled Water Use Areas

No.	Description	ID	Phase 1	Phase 2	Phase 3
1	SE Urban Center Medians, Parkways & Pocket Parks (5)	U1	x (1)	x (2)	x
2	Harlan Ranch Medians, Parkways & Pocket Parks	U2	x	x	x
3	Dry Creek Elementary	S8	x	x	x
4	Red Bank Elementary	S11	x	x	x
5	Freedom Elementary	S12	x	x	x
6	Reagan Educational Center	S13	x	x	x
7	Future School	S19	x	x	x
8	Future School	S23	x	x	x
9	State Route 168	F4	x	x	x
10	State Route 168	F5	x	x	x
11	Future Park Site	R20	x	x	x
12	Future Park Site	R26	x	x	x
13	Existing Park Site	R33	x	x	x
14	Existing Park Site	R40	x	x	x
15	Public Facilities	P3	x	x	x
16	Public Facilities	P5	x	x	x
17	Public Facilities	P18	x	x	x
18	Commercial	C18	x	x	x
19	Future School	S2		x	x
20	Future School	S4		x	x
21	Weldon Elementary	S10		x	x
22	Cox Elementary	S16		x	x
23	Cole Elementary	S17		x	x
24	State Route 168	F2		x	x
25	State Route 168	F3		x	x
26	Future Park Site	R23		x	x
27	Future Park Site	R24		x	x
28	Future Park Site	R25		x	x
29	Future Park Site	R27		x	x
30	Future Park Site	R28		x	x
31	Future Park Site	R29		x	x
32	Sierra Bicentennial Park	R51		x	x
33	Treasure Ingmire Park	R55		x	x
34	Cole Park	R68		x	x
35	Public Facilities	P4		x	x
36	Clovis Cemetery	P10		x	x
37	Commercial	C27		x	x
38	Commercial	C32		x	x
39	CSU, Fresno Agricultural Fields	A1		x (3)	x (4)

Notes:

1. Includes approximately 33% of Southeast Urban Center Demand.
2. Includes 100% of Southeast Urban Center Demand.
3. Includes approximately 4% of CSUF Ag Demand.
4. Includes approximately 42% of CSUF Ag Demand in July.
5. Includes a 36 acre lake within the Southeast Urban Center.



LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- PROPERTY LINES / RIGHTS OF WAY
- USE AREA IDENTIFICATION NUMBER (ID)
- R24

PLANNED RECYCLED WATER USE AREAS

- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-87% IRRIGABLE)
- EXISTING STATE ROUTE 188 (40% IRRIGABLE)
- FUTURE COMMERCIAL (10% IRRIGABLE)
- FUTURE PARK (90% IRRIGABLE)
- FUTURE PUBLIC FACILITY (20% IRRIGABLE)
- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)

NOTES:

- THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 2.8 MGD FOR PHASE 1.
- TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 2.6 MGD.

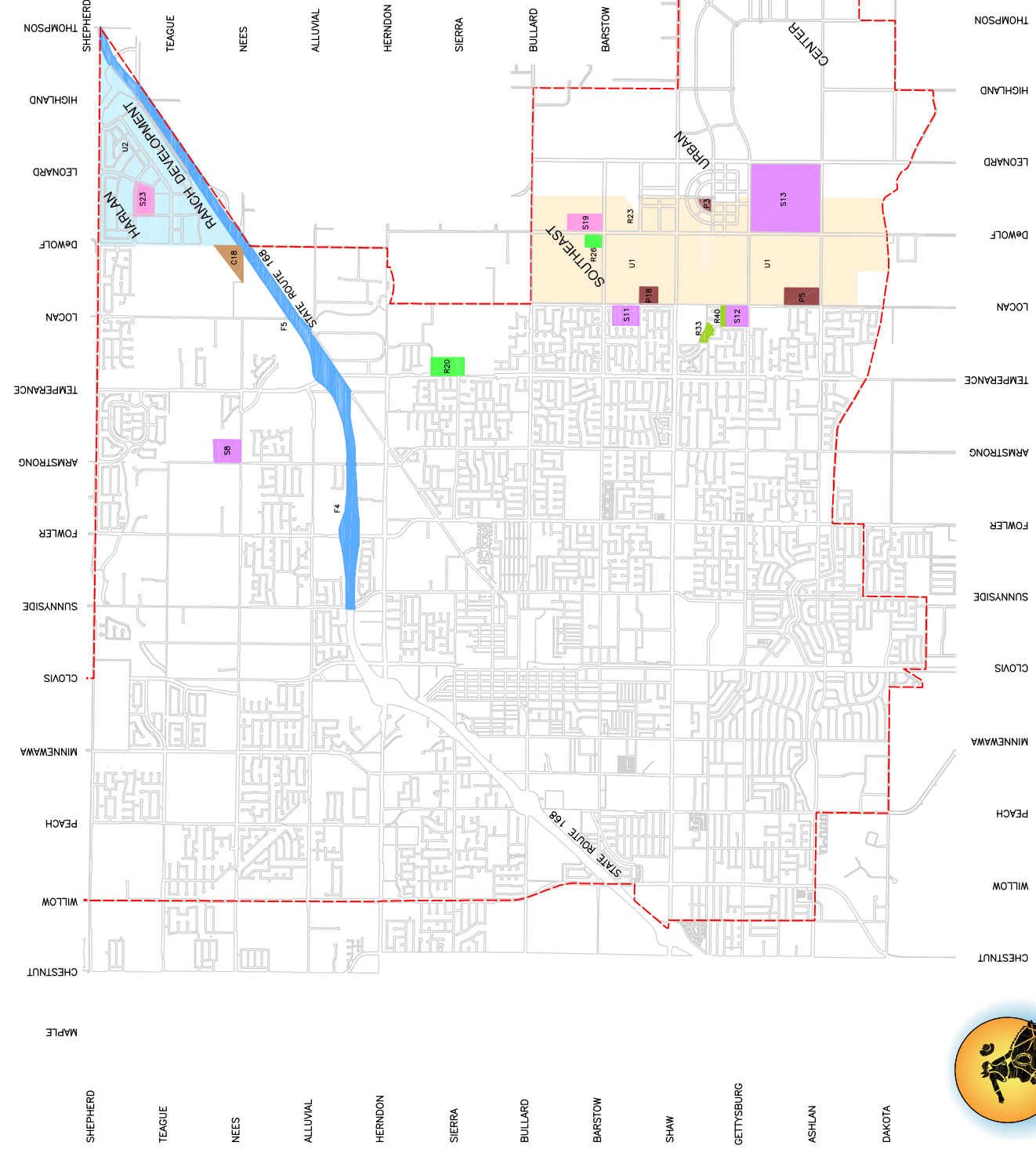
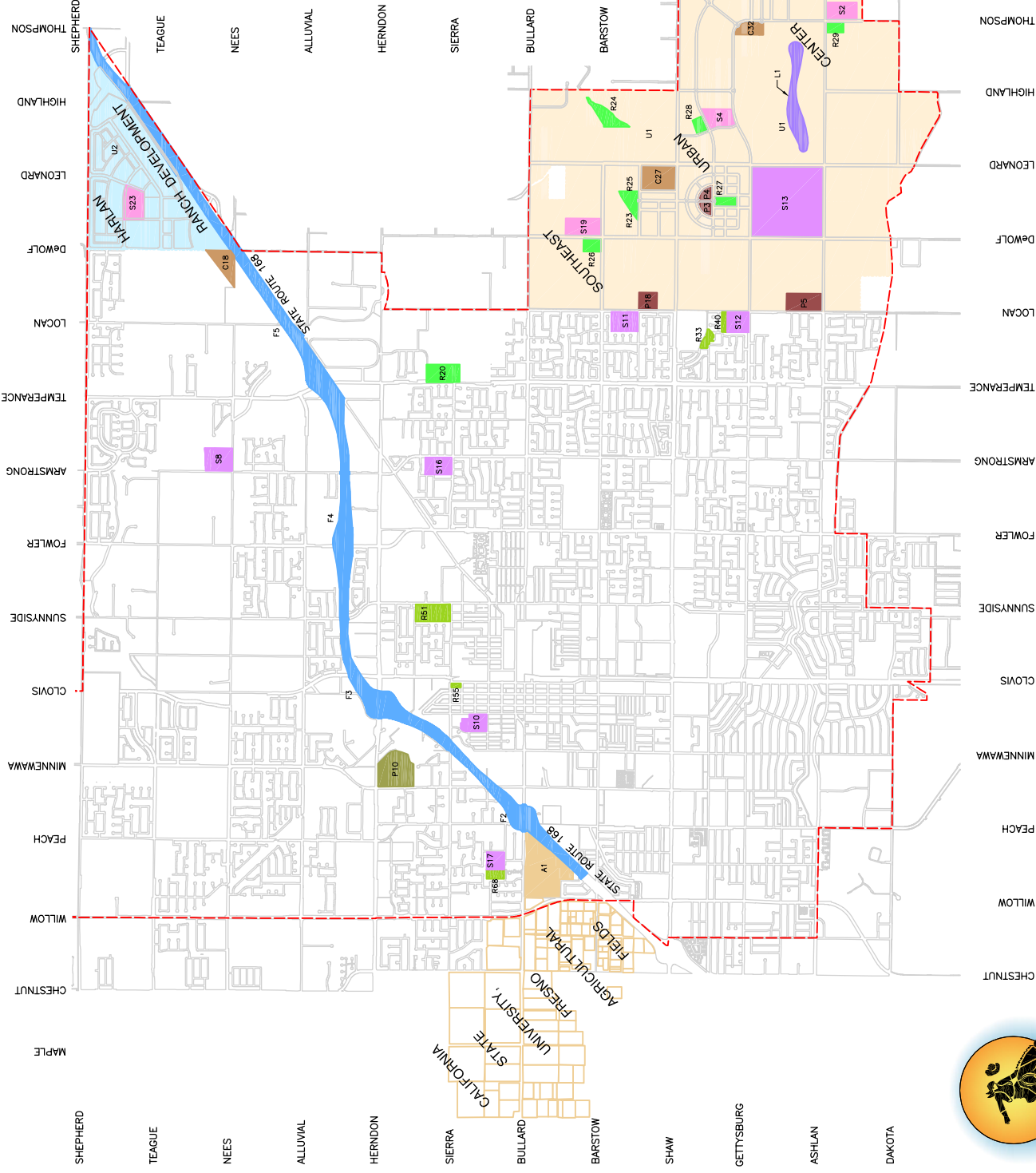


FIGURE 4.1
PHASE 1 RECYCLED WATER USE AREAS

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CITY OF CLOVIS



LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- PROPERTY LINES / RIGHTS OF WAY
- USE AREA IDENTIFICATION NUMBER (ID)

PLANNED RECYCLED WATER USE AREAS

- EXISTING AGRICULTURE (100% IRRIGABLE)
- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
- EXISTING STATE ROUTE 168 (40% IRRIGABLE)
- FUTURE COMMERCIAL (10% IRRIGABLE)
- FUTURE PARK (90% IRRIGABLE)
- FUTURE PUBLIC FACILITY (20% IRRIGABLE)
- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)
- FUTURE LAKE (EXACT LOCATION TO BE DETERMINED)

NOTES:

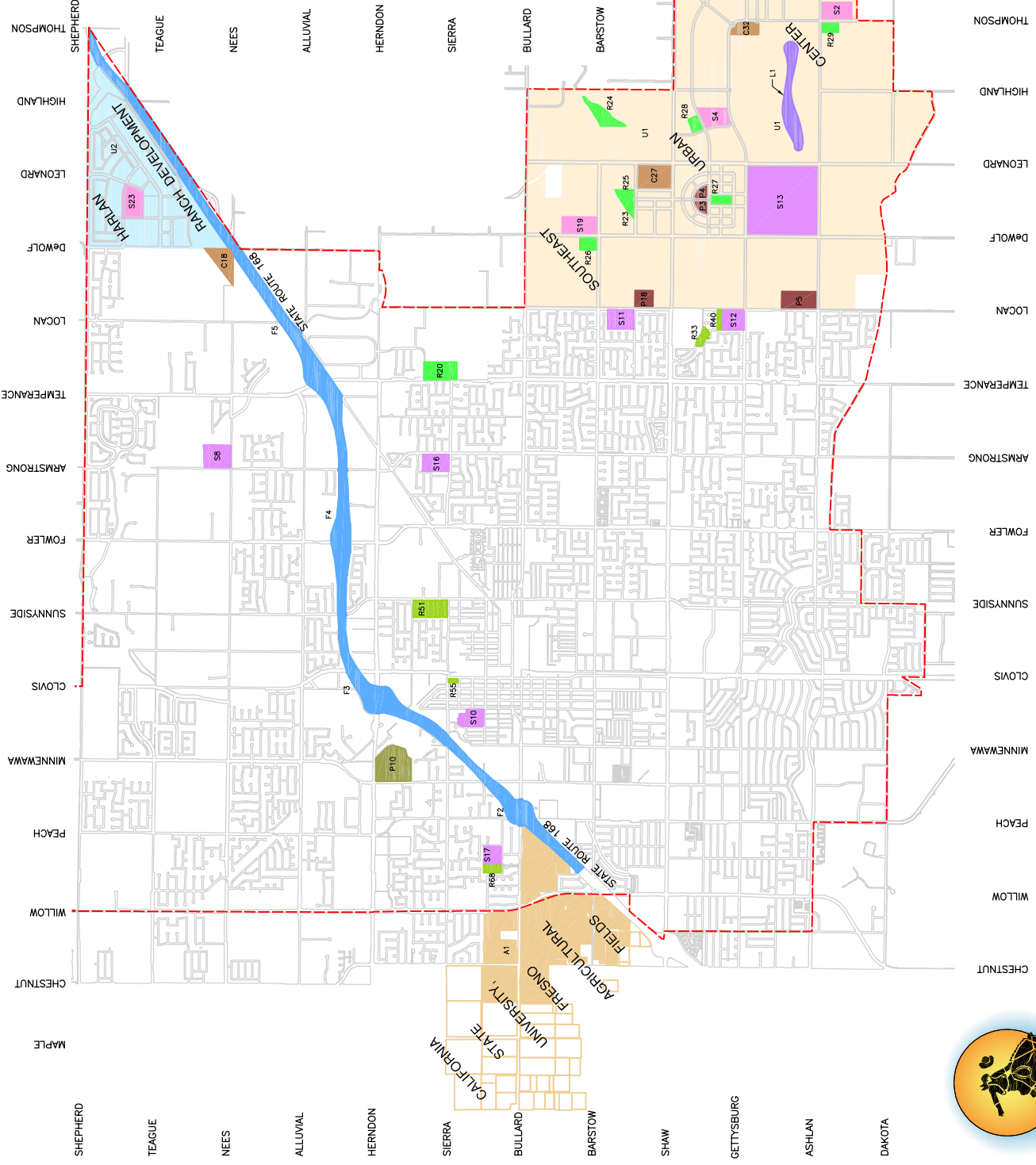
- THE SEWAGE TREATMENT / WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 5.6 MGD FOR PHASE 2.
- TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 5.6 MGD.

FIGURE 4.2
PHASE 2 RECYCLED WATER USE AREAS

Blair, Church & Flynn Consulting Engineers



CITY OF CLOVIS



LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- PROPERTY LINES / RIGHTS OF WAY
- USE AREA IDENTIFICATION NUMBER (ID)

PLANNED RECYCLED WATER USE AREAS

- EXISTING AGRICULTURE (100% IRRIGABLE)
- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
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- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)
- FUTURE LAKE (EXACT LOCATION TO BE DETERMINED)

NOTES:

1. THE SEWAGE TREATMENT PLANT WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 8.4 MGD FOR PHASE 3.
2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 8.4 MGD.

FIGURE 4.3
PHASE 3 RECYCLED WATER USE AREAS

Blair, Church & Flynn Consulting Engineers



CITY OF CLOVIS

4.2 Irrigation Demand Theory

Calculating the exact landscape and agricultural water requirements is a difficult, if not impossible, task. Plant type, soil type, and the topography of each site can affect the water requirements. However, estimates can be made utilizing historical data and making reasonable approximations based on accepted irrigation literature.

Irrigation demands for all proposed users were calculated using the methods and data contained in the leaflet entitled “Determining Daily Reference Evapotranspiration (ET_o),” Leaflet 21426, published by the Cooperative Extension of the University of California, Division of Agriculture and Natural Resources and in the draft document entitled “Landscape Irrigation Scheduling and Water Management” (LISWM), dated August 2004, by the Water Management Committee of The Irrigation Association.

4.2.1 Evapotranspiration and Crop Factors

Evapotranspiration is defined as “the sum of evaporation (E) from soil and plant surfaces and transpiration (T), which is the evaporation that takes place within plant leaves and the vapor that diffuses into the air through pores (stomata) on the leaf surfaces” (Leaflet 21426, p. 2). The evapotranspiration of a given crop, including turf, can be estimated by using a reference evapotranspiration modified by a crop factor to find the crop-specific evapotranspiration.

Average reference evapotranspiration values for each month for the Clovis area are included in Leaflet 21426. Crop factors can be found in the leaflets entitled “Using Reference Evapotranspiration (ET_o) and Crop Coefficients to Estimate Crop Evapotranspiration (ET_c) for Agronomic Crops, Grasses, and Vegetable Crops,” Leaflet 21427, and “Using Reference Evapotranspiration (ET_o) and Crop Coefficients to Estimate Crop Evapotranspiration (ET_c) for Trees and Vines,” Leaflet 21428, both published by the Cooperative Extension of the University of California, Division of Agriculture and Natural Resources.

4.2.2 Rainfall

Historical rainfall data was obtained from the Western Regional Climate Center (WRCC), Division of Atmospheric Sciences, Desert Research Institute. The rainfall offsets a portion of the water needed by the plants and is subtracted from the water needed by the plants due to evapotranspiration.

Only a portion of the rainfall that is received by landscaped or agricultural areas is usable by the plants. This is due to “the amount, intensity and duration of each rain event, soil type and its available water holding capacity, and intake rate, plant type and root depth, amount of moisture in the root zone prior to the rain event, etc.” (LISWM, p. 1-14). A value of 45% was chosen as the effective rainfall percentage based on Table 1-7 of LISWM and the statement “Because of the uncertainty in predicting future rainfall based on long-term average historical data, it is generally recommended for planning purposes that no more than 50% of monthly historical rainfall be considered “effective” towards the future water needs of landscape plants” (LISWM, p. 1-17).

4.2.3 Irrigation Efficiency

Irrigation efficiency was calculated using the methods and data contained in LISWM. The efficiency of an irrigation system is dependent on many factors, which are estimated in the demand calculations.

The first factor used is the run time multiplier (RTM), which is “an adjustment to compensate for water application nonuniformity of a less than ideal system” (LISWM, p. 1-28). The value of the factor is dependent on the sprinkler hardware performance and is conservatively chosen to be “Good” for rotors and impact sprinkler heads, and “Fair” for fixed spray sprinkler heads based on Table 1-8 of LISWM. Using the methods outlined in Sections 1.12 and 1.13 of LISWM, the factor read from Table 1-8 of LISWM is converted to the RTM.

The second factor used is the water management factor (WMF), which is a factor that accounts for how well the irrigation water is being managed. It is an estimate of the additional water that the water manager adds to the landscaping “to account for (1) uncertainties in actual weather from predicted, (2) risk aversion to plant health, and (3) to offset irrigation water lost to runoff, evaporation, overspray, wind drift, etc.” (LISWM, p. 3-7). The water management was assumed to be “Good” and the average factor from Table 3-1 of LISWM was used in the calculations.

The overall irrigation efficiency is the inverse of the product of the RTM and the WMF.

4.2.4 Demand Equation

The estimated demand for each use area is calculated by subtracting the effective rainfall from the crop-specific evapotranspiration, and multiplying it by the irrigable area and increasing it to account for irrigation efficiency. This is shown in the following equation, which is used to calculate the demands:

Demand = (1/Irr_eff) * (A) * (%I) * [(ETo) * (CF) - Rain_eff] Equation No. 1

- where Demand = Irrigation water required
Irr_eff = Irrigation efficiency, unitless
A = Total area
%I = Portion of area that is irrigable
ETo = Reference evapotranspiration
CF = Crop factor, unitless
Rain_eff = Effective rainfall

4.3 Calculated Demand

Equation No. 1 was used to calculate demand for each recycled water use area. The Phase 1, 2 and 3 monthly demand calculations for each use area are included in Appendix B.

The collective annual demand curve of the identified use areas is similar to a bell curve, with a peak demand in July and nearly no demand in January and December. For each Phase of the recycled water system, the average day demand in July is approximately equal to the average daily rate of recycled water produced by the Reuse Facility. For example, the identified Phase 3 recycled water use areas have an estimated average day demand in July of 8.4 MGD, which is equal to the Reuse Facility’s average daily rate of recycled water production. During months other than July, the recycled water supplied by the Reuse Facility is estimated to exceed demand. During these months, the excess recycled water will be discharged to Fancher Creek for use by the Fresno Irrigation District (FID) or to the Big Dry Creek Diversion Channel to Little Dry Creek (Diversion Channel). The discharges of recycled water to these two waterways are discussed further in Chapter 5. Figures 4.4, 4.5 and 4.6 show the calculated recycled water demand of the identified recycled water use areas per month for Phases 1, 2 and 3, respectively.

Figure 4.4: Phase 1 Recycled Water Demand (2.8 MGD Facility)

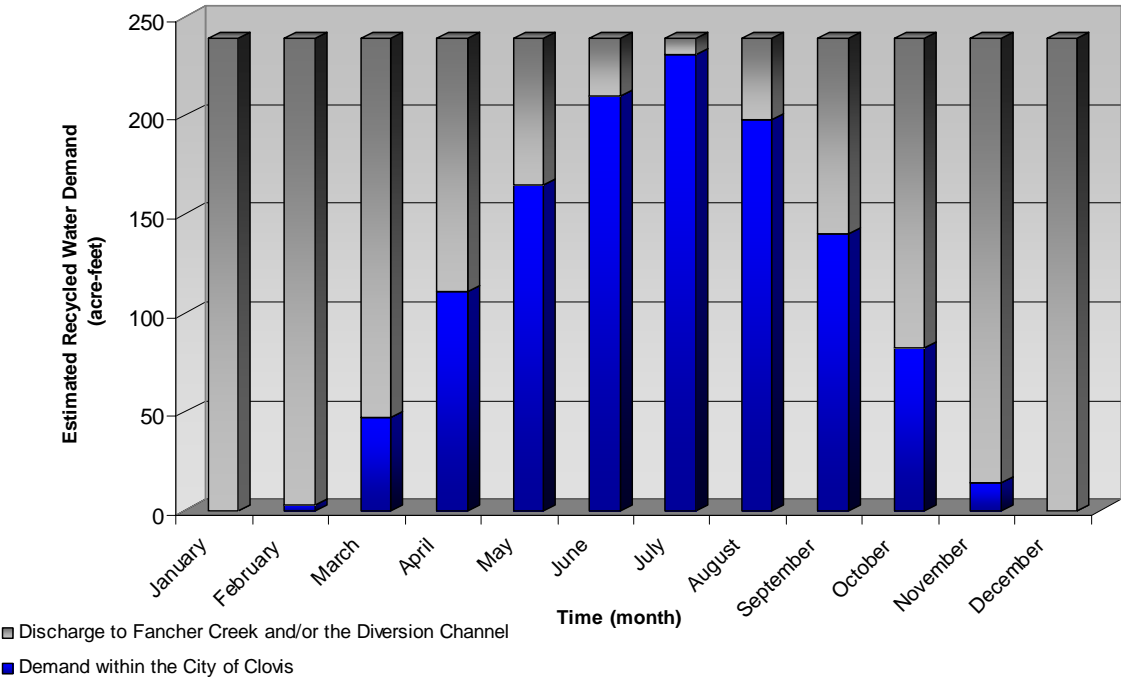


Figure 4.5: Phase 2 Recycled Water Demand (5.6 MGD Facility)

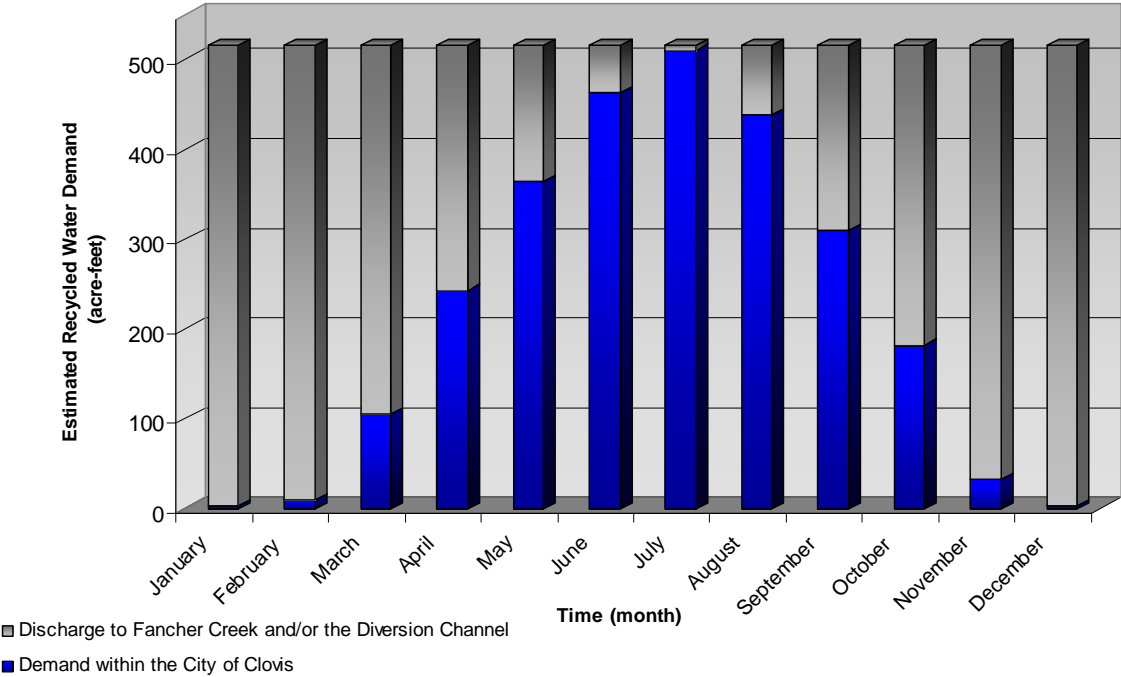
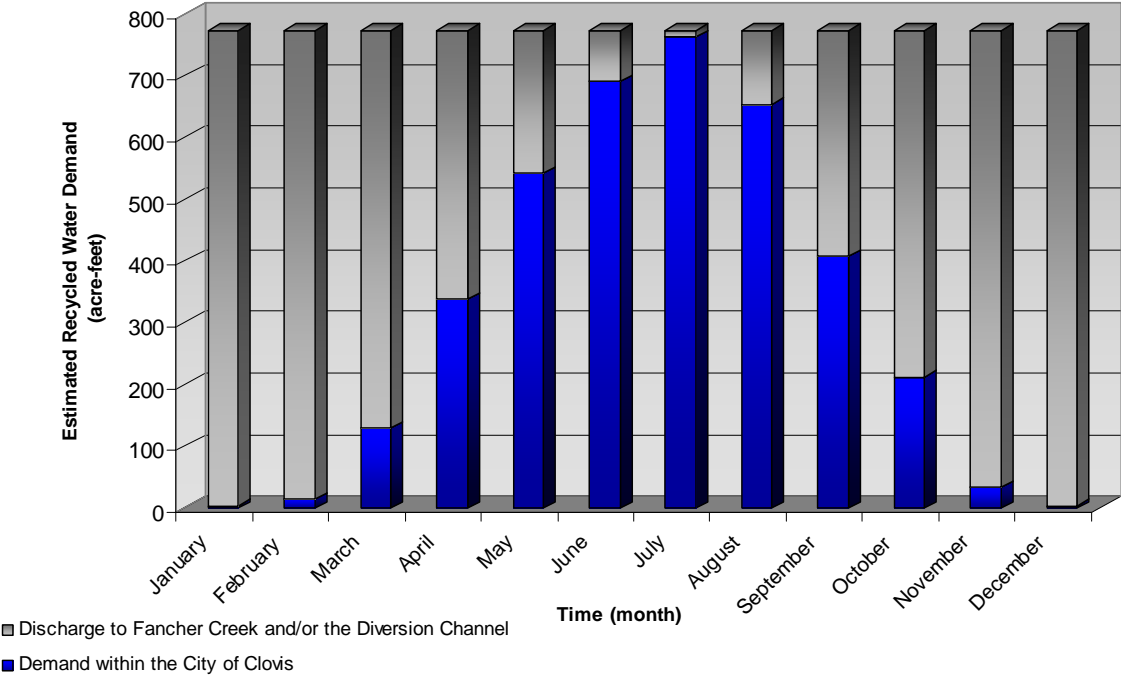


Figure 4.6: Phase 3 Recycled Water Demand (8.4 MGD Facility)



Recycled Water Demand

The calculated annualized demands per use area for Phases 1, 2, and 3 are shown on Figures 4.7, 4.8 and 4.9, respectively.

Figure 4.7: Phase 1 Annual Recycled Water Distribution (2.8 MGD Facility) (acre-feet)

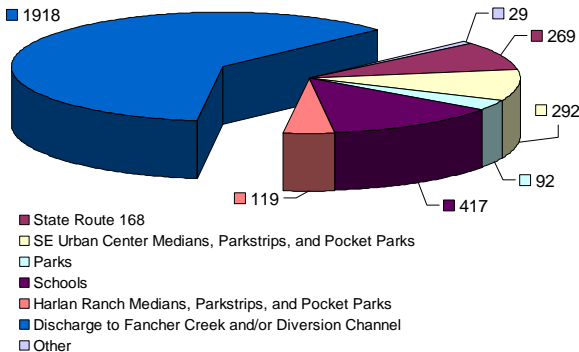


Figure 4.8: Phase 2 Annual Recycled Water Distribution (5.6 MGD Facility) (acre-feet)

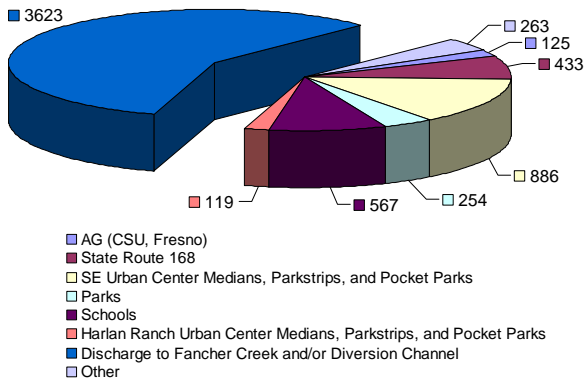
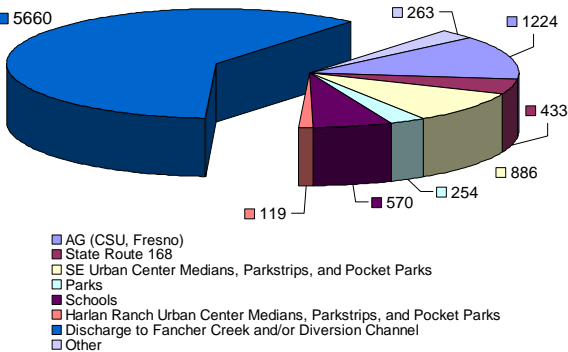


Figure 4.9: Phase 3 Annual Recycled Water Distribution (8.4 MGD Facility) (acre-feet)



To support the development of a hydraulic model for the proposed recycled water distribution system, various planning criteria were established. This Chapter describes the planning criteria established for this study.

5.1 Supply and Demand

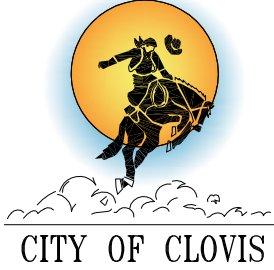
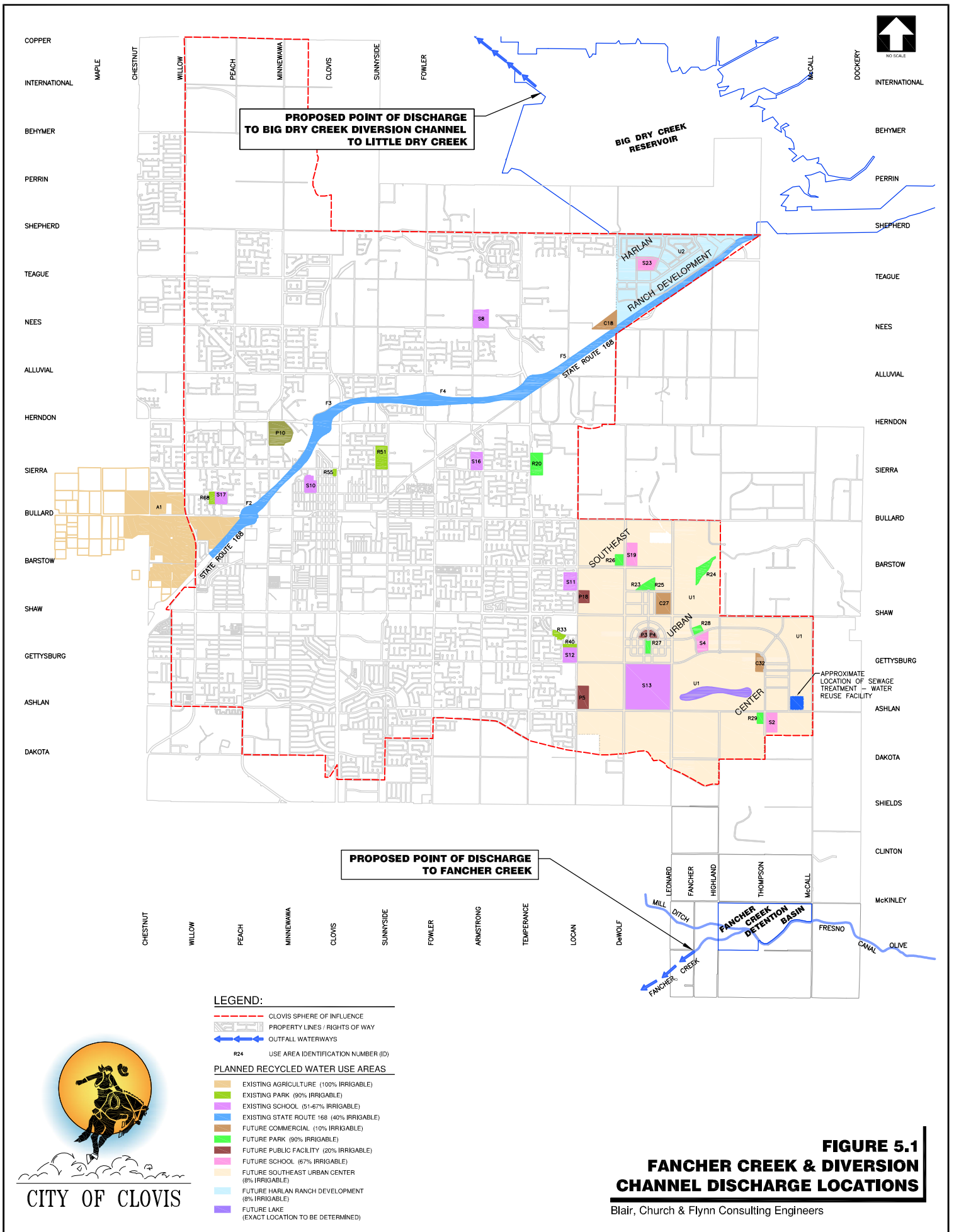
According to the City, the quantity of wastewater generated by a typical customer is relatively constant from month to month. The average quantity of wastewater conveyed to the Reuse Facility is therefore expected to be relatively constant from month to month, with increases only as new customers are served. As a result, the average production of recycled water is expected to be relatively constant from month to month, increasing only as wastewater flow increases with the addition of new customers.

As described in Chapter 4, the collective annual demand curve of the identified use areas for each phase is similar to a bell curve, with a peak demand in July and nearly no demand in January and December. It is estimated that the recycled water produced by the Reuse Facility will exceed demand for all months other than the month of July. When the recycled water supply exceeds demand, excess recycled water will be delivered via a gravity pipeline to Fancher Creek for use by the Fresno Irrigation District (FID). Fancher Creek is an FID facility, and the proposed point of recycled water discharge is near the intersection of Fancher and Olive Avenues in Fresno County. Alternatively, excess recycled water may be conveyed via a pressure pipeline to the Big Dry Creek Diversion Channel to Little Dry Creek (Diversion Channel). The Diversion Channel is a Fresno Metropolitan Flood Control District Facility, and the proposed point of discharge is immediately downstream of the Diversion Channel outlet from Big Dry Creek Reservoir. Figure 5.1 shows the locations of the proposed points of discharge for excess recycled water. For the purpose of this master plan, Fancher Creek and the Diversion Channel are referred to as the outfall waterways.

5.2 System Performance Criteria

5.2.1 Pipeline Sizing Criteria

Pipeline sizing for a pressurized pipe system generally consists of an analysis of the hydraulic characteristics of the flow conveyed through the system, including quantity of flow, flow velocity and head loss. Flow velocity in a pipeline is often the deciding factor in determining its size. Depending on the circumstances for a particular application, acceptable flow velocities in pressure pipelines may range from 3 feet per second (fps) to 10 fps. A flow velocity of 5 fps is often accepted as the maximum desirable flow velocity in a pipeline. For hydraulic modeling of the recycled water distribution system, a maximum flow velocity of 5 fps was adopted.



5.2.2 Hazen-Williams Pipe Roughness Coefficient

When fluid travels through a pipe, friction occurs between the pipe wall and the fluid, resulting in head loss. For hydraulic modeling of the recycled water distribution system, the Hazen-Williams Formula was used to estimate the head loss due to friction. This method of determining head loss is dependent on the Hazen-Williams roughness coefficient (roughness coefficient). The roughness coefficient varies with pipe material and pipe age, and typically ranges from 80 to 150. The roughness coefficient is inversely proportional to the roughness of the pipe wall; a smooth pipe has a high roughness coefficient, and a rough pipe has a low roughness coefficient. The roughness coefficient of an “in service” pipe will generally decrease as the pipe ages.

For hydraulic modeling of the recycled water distribution system, all pressure pipe less than 24 inches in diameter was modeled as polyvinyl chloride (PVC) pipe and all pressure pipe greater than or equal to 24 inches in diameter was modeled as cement mortar lined ductile iron pipe (DIP). According to two PVC pipe manufacturers, J-M Pipe and PW Eagle Pipe, the roughness coefficient for new PVC pipe is approximately 150. However, for the purposes of master planning and to account for an increase in interior pipe wall roughness as the pipe ages, a roughness coefficient of 130 is generally accepted as an appropriate value for PVC pipe and was used for hydraulic modeling. For new cement mortar lined DIP, the Ductile Iron Pipe Research Association (DIPRA) reports that the roughness coefficient is approximately 144. For master planning purposes and to account for an increase in interior pipe wall roughness as the pipe ages, a roughness coefficient of 125 was used for hydraulic modeling.

5.2.3 Minimum Pipe Size

City of Clovis standards provide for a minimum pipe diameter of 8 inches for water and sewer mains. The same size standard was used as the minimum pipe size criteria for hydraulic modeling of the recycled water distribution system.

5.2.4 Pump Station Operation

To minimize the number of pump stations required and reduce pressure variations throughout the system, pump stations with variable frequency drives should be used. All pump stations were modeled as being equipped with variable frequency drives, such that a constant discharge pressure is maintained regardless of the pump discharge rate.

5.2.5 Operational Storage Reservoirs

Under normal operational conditions, the Reuse Facility will discharge recycled water into three above-ground storage reservoirs located at the Reuse Facility Site. The total capacity of the three storage reservoirs should be 9.24 million gallons, to provide capacity for storage for one day’s

production of recycled water at the average rate of 8.4 million gallons per day (MGD), with an additional allowance of ten percent. Recycled water will be pumped from the reservoir and into the recycled water distribution system.

5.3 6-Day Storage Facility

During times when recycled water supplied by the Reuse Facility exceeds demand, the excess recycled water is planned to be conveyed and discharged to one of the two identified outfall waterways. Each outfall waterway is capable of accommodating the planned average daily Phase 3 discharge rate of 8.4 MGD, which is expected to occur during the months of January and December. As such, the City will have some redundancy and operational flexibility related to the discharge of excess recycled water to these outfall waterways.

Although redundant outfall waterways for the discharge of excess recycled water are planned, it is possible that the City may be required to construct and maintain an alternate facility where recycled water can be discharged and stored in the event that it cannot be used for landscape or agricultural irrigation, and cannot be discharged to the outfall waterways for disposal. It is anticipated that the alternate storage facility would be required to be capable of storing all recycled water produced by the Reuse Facility for a 6 day period. It is also anticipated that the alternate storage facility would be required to have an impermeable liner, such as a high density polyethylene (HDPE) liner. Based on the anticipated 6-day storage requirement, the necessary capacity of the alternate storage facility for Phases 1, 2 and 3 would be 16.8, 33.6 and 50.4 million gallons, respectively. In consideration of the possibility that the alternate storage facility may be required, this Master Plan includes related provisions. However, if the alternate storage facility is not required, it is severable in that it may be omitted with little or no modification to other Master Plan facilities.

5.4 Demand Patterns

For many of the proposed recycled water use areas, irrigation is typically done during late night and early morning hours. Parks and schools typically irrigate their landscaped areas during late night and early morning hours in order to make the landscaped areas available for use during the day. Commercial and public facility areas are also typically irrigated during late night and early morning hours so customers are not inconvenienced by nuisance irrigation water. Similarly, landscaped medians and parkways should be irrigated during late night and early morning hours to minimize nuisance effect on pedestrian and vehicular traffic. For the purposes of this Master Plan, parks and schools, commercial and public facilities, and landscaped medians and parkways are designated as nighttime use areas, for which irrigation is to occur between the hours of 10:00 pm and 6:00 am.

California State University, Fresno (CSUF) and State Route 168 are designated as daytime use areas, for which irrigation is to occur between the hours of 8:00 am and 6:00 pm. The agricultural land at CSUF is partly operated and maintained by students of the University. As such, irrigation is generally expected to occur during the day when students are present to operate and monitor the irrigation system. The landscaped areas of State Route 168 are more expansive than City street medians and parkways, and do not have proximate pedestrian traffic, allowing daytime irrigation to occur with less potential nuisance effect on pedestrian and vehicular traffic than for City streets.

For hydraulic modeling of the recycled water distribution system, the assumption was made that irrigation for most use areas occurs at a constant rate over an 8-hour period. However, all schools and large parks identified in the Master Plan have irrigation systems that include booster pumps. Often, the capacity of a booster pump is greater than the theoretical application rate when the irrigation demand is distributed evenly over an 8-hour period, and the booster pump is used for a shorter period in actual practice. For hydraulic modeling of the recycled water distribution system, the conservative assumption was made that all booster pumps for schools and parks may be operated concurrently.

A hydraulic model was developed for the recycled water system for Phases 1, 2 and 3. This Chapter describes the results of the hydraulic modeling.

6.1 Hydraulic Modeling Software

The recycled water system was modeled using H₂O MAP WATER, version 5.0. H₂O MAP WATER is a Geographic Information System (GIS) based hydraulic modeling program that performs steady state and extended period modeling for pressurized water systems. The development of the hydraulic model includes the input of recycled water infrastructure including pipelines, junctions, pump stations, reservoirs, and recycled water use areas. Other required input includes use area demand, demand patterns, and system operation parameters.

6.2 Pipeline Routes

In close coordination with the City, pipeline routes were developed to serve the identified recycled water use areas, and to deliver recycled water to Fancher Creek and the Big Dry Creek Diversion Channel to Little Dry Creek (Diversion Channel), the outfall waterways. Pipeline routes were developed based on the locations of potential recycled water use areas, together with constructability, right-of-way requirements, impacts to the public and environmental considerations.

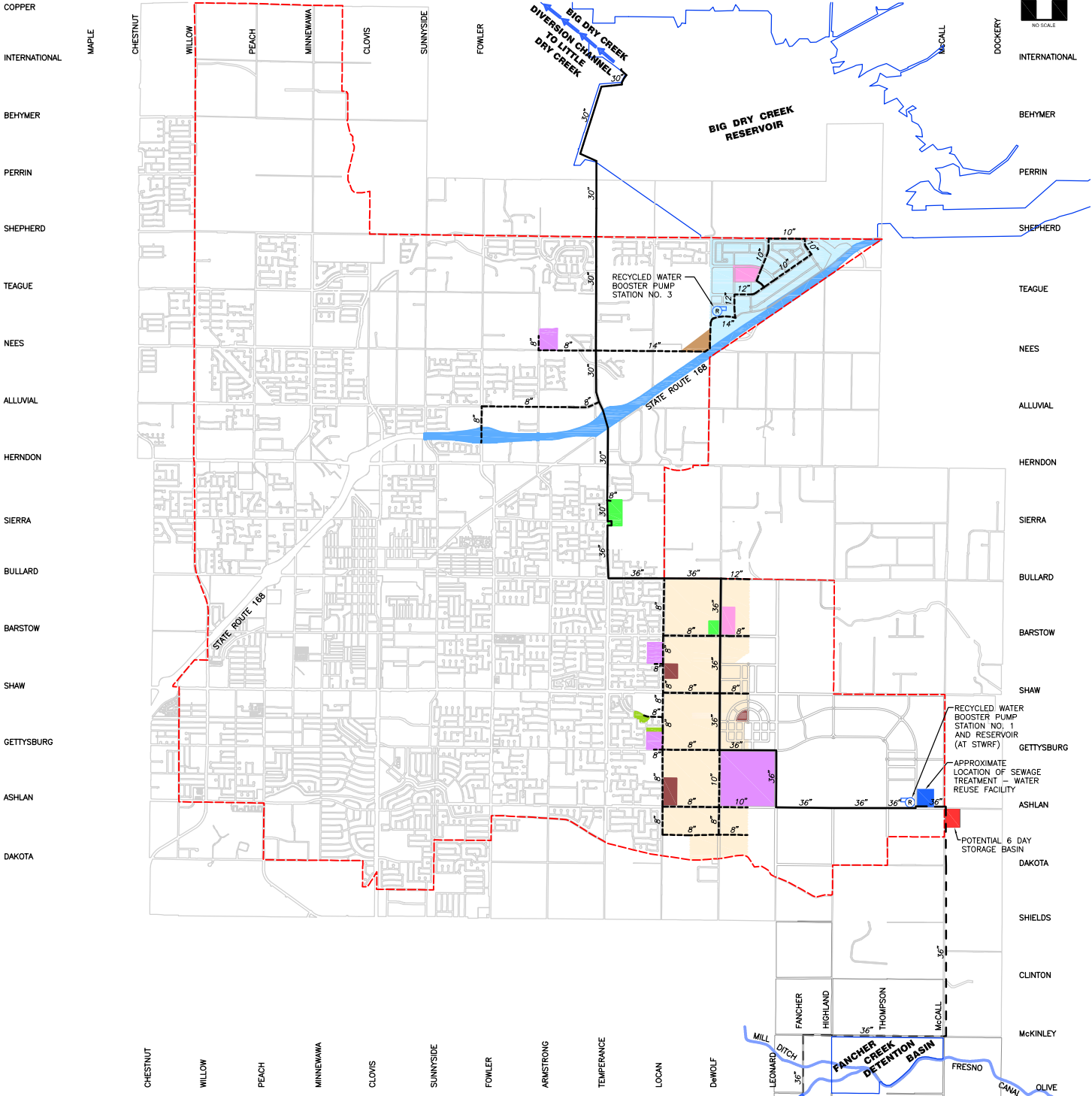
The development of pipeline routes within the City's Southeast Urban Center and the Harlan Ranch Development was generally limited to arterial and collector streets, usually those on a half-mile or quarter-section grid. The City, in concert with land developers, will determine the sizes and precise alignments of recycled water mains within minor subdivision streets on a case by case basis.

6.3 Operational Storage Reservoir Location

Provisions were included in the hydraulic model for a recycled water storage reservoir at the Reuse Facility Site. It is anticipated that the Reuse Facility will discharge recycled water directly to the storage reservoir under normal operating conditions. Recycled water will then be pumped out of the reservoir and into the distribution system. No other storage reservoirs are included in the hydraulic model for the recycled water distribution system.

6.4 Hydraulic Modeling Results and Recommended Improvements

The hydraulic model was developed with the objective of determining the peak hour demand in July, required pipe sizes, pump station locations, and the operational storage volume required to provide recycled water service to the identified use areas. The recommended recycled water infrastructure for Phases 1, 2 and 3 are shown in Figures 6.1, 6.2 and 6.3, respectively.



LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- PROPERTY LINES / RIGHTS OF WAY
- OUTFALL WATERWAYS
- GRAVITY PIPELINE
- TRANSMISSION PIPELINE
- DISTRIBUTION PIPELINE

PLANNED RECYCLED WATER USE AREAS

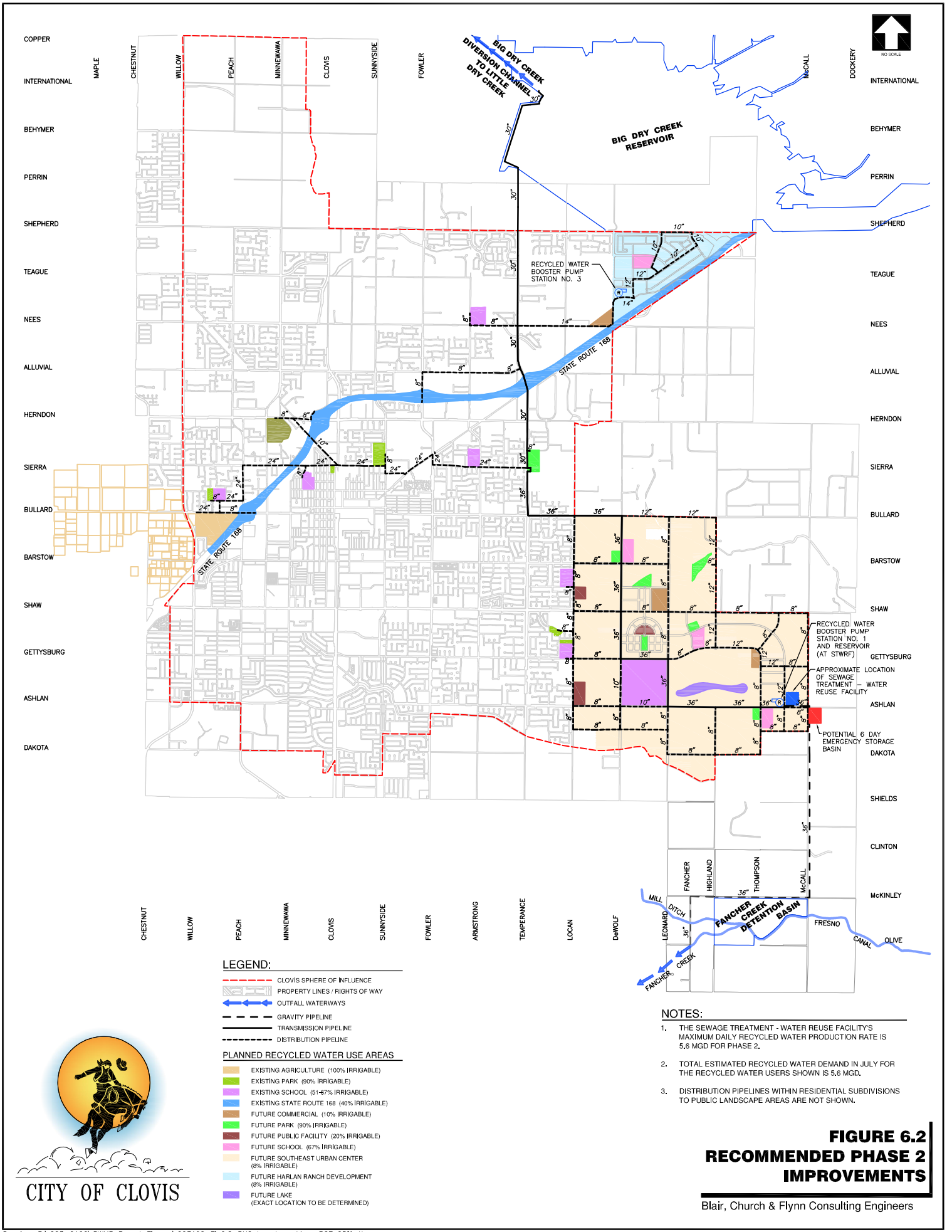
- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
- EXISTING STATE ROUTE 168 (40% IRRIGABLE)
- FUTURE COMMERCIAL (10% IRRIGABLE)
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- FUTURE PUBLIC FACILITY (20% IRRIGABLE)
- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)

- NOTES:**
1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 2.8 MGD FOR PHASE 1.
 2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 2.6 MGD.
 3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE AREAS ARE NOT SHOWN.

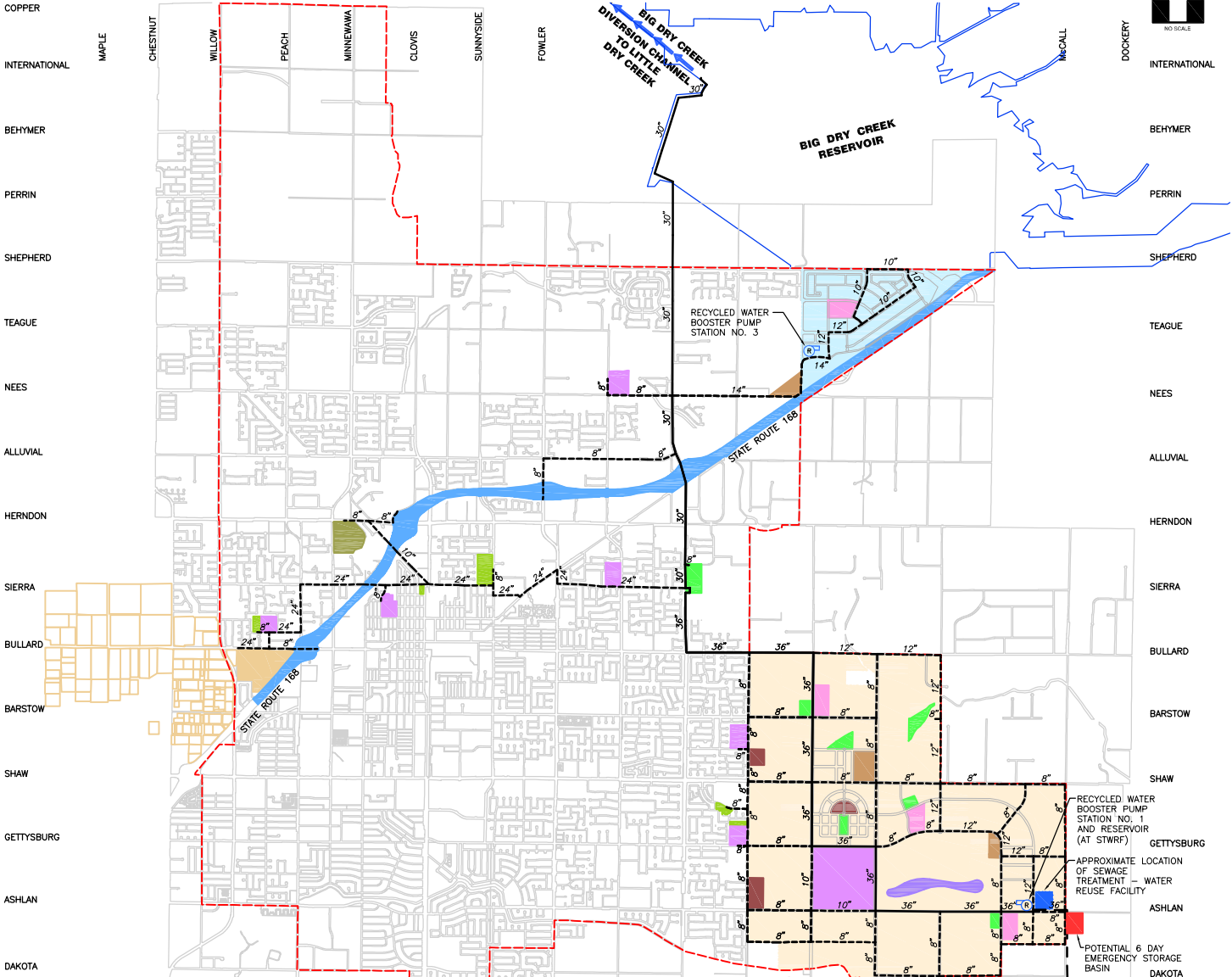


**FIGURE 6.1
RECOMMENDED PHASE 1
IMPROVEMENTS**

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NO SCALE



LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- PROPERTY LINES / RIGHTS OF WAY
- OUTFALL WATERWAYS
- GRAVITY PIPELINE
- TRANSMISSION PIPELINE
- DISTRIBUTION PIPELINE

PLANNED RECYCLED WATER USE AREAS

- EXISTING AGRICULTURE (100% IRRIGABLE)
- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
- EXISTING STATE ROUTE 168 (40% IRRIGABLE)
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- FUTURE LAKE (EXACT LOCATION TO BE DETERMINED)

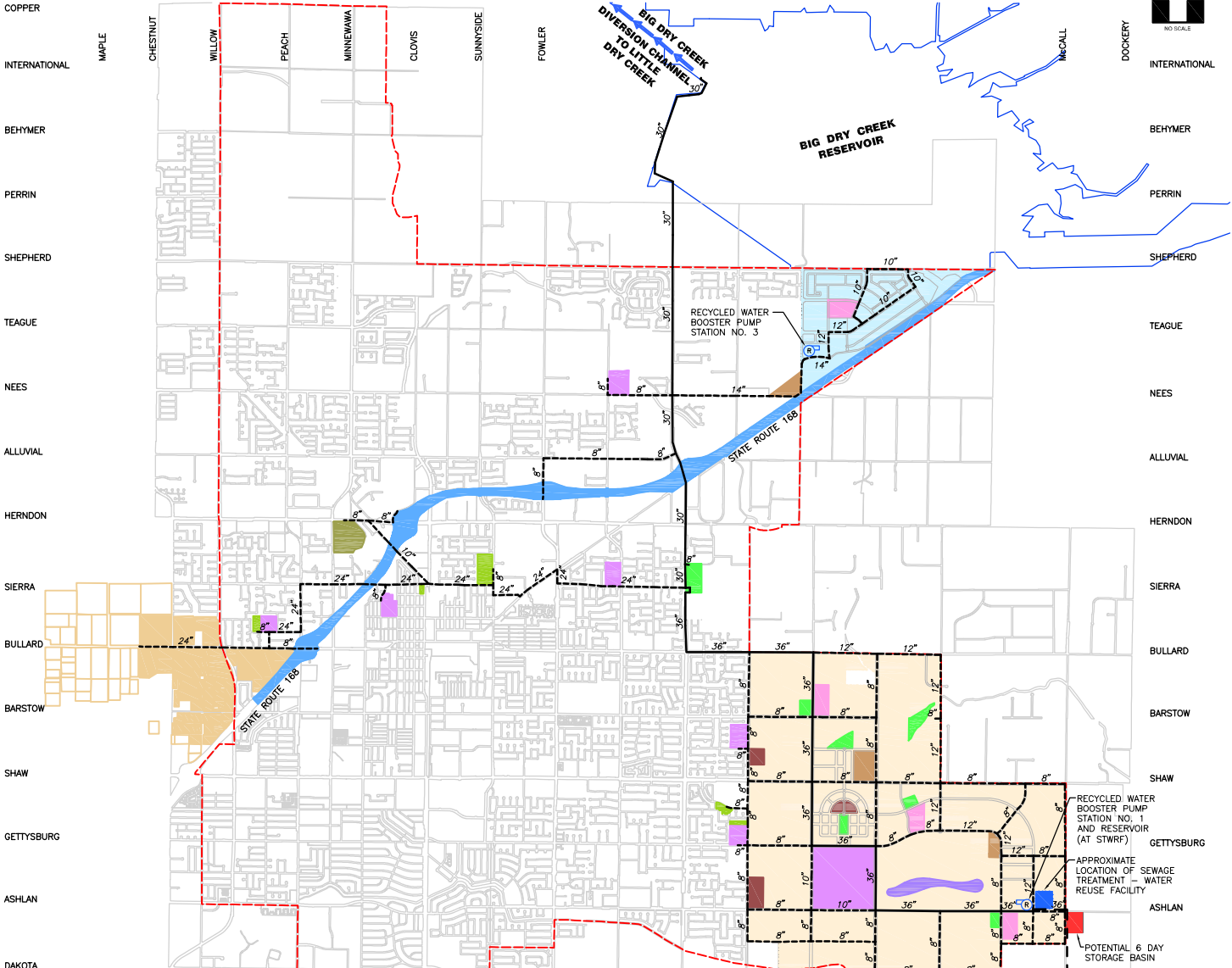
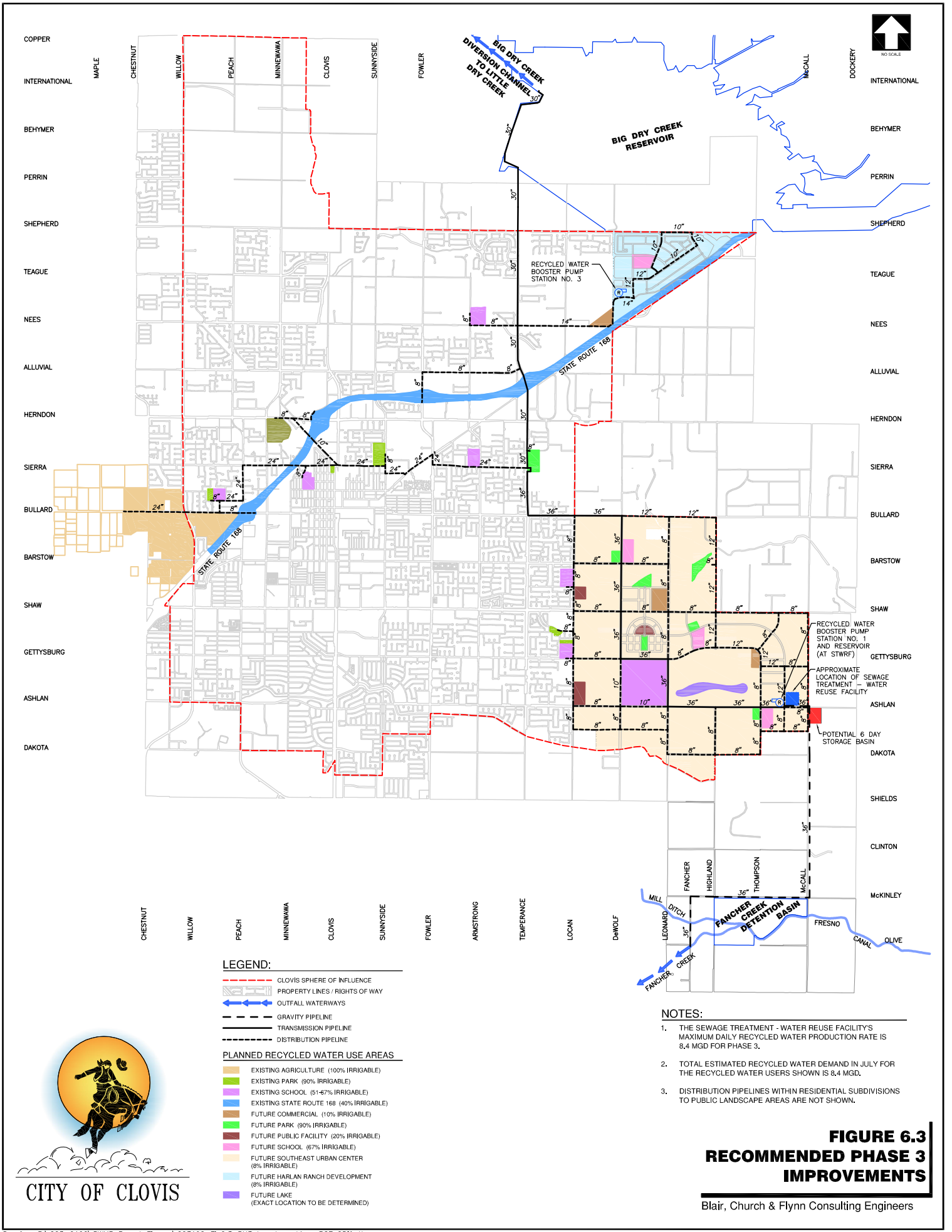
NOTES:

1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 5.6 MGD FOR PHASE 2.
2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 5.6 MGD.
3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE AREAS ARE NOT SHOWN.

FIGURE 6.2
RECOMMENDED PHASE 2
IMPROVEMENTS

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LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- PROPERTY LINES / RIGHTS OF WAY
- OUTFALL WATERWAYS
- GRAVITY PIPELINE
- TRANSMISSION PIPELINE
- DISTRIBUTION PIPELINE

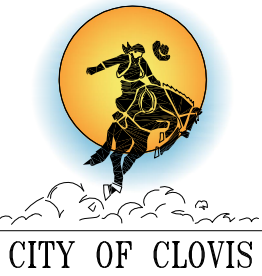
PLANNED RECYCLED WATER USE AREAS

- EXISTING AGRICULTURE (100% IRRIGABLE)
- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
- EXISTING STATE ROUTE 168 (40% IRRIGABLE)
- FUTURE COMMERCIAL (10% IRRIGABLE)
- FUTURE PARK (90% IRRIGABLE)
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- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)
- FUTURE LAKE (EXACT LOCATION TO BE DETERMINED)

- NOTES:**
1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 8.4 MGD FOR PHASE 3.
 2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 8.4 MGD.
 3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE AREAS ARE NOT SHOWN.

FIGURE 6.3
RECOMMENDED PHASE 3
IMPROVEMENTS

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As described in Chapter 4, the collective annual recycled water demand for the identified use areas is similar to a bell curve, with a peak demand in July, and nearly no demand in December and January. Since the peak demand occurs in July, the hydraulic requirements for the month of July govern in the sizing of most of the infrastructure. The only exception is for the pipelines to the outfall waterways. During the months of December and January when the demand of the identified recycled water use areas is nearly zero, all recycled water produced by the Reuse Facility could potentially be conveyed to either Fancher Creek or the Diversion Channel. As a result, recycled water usage during December and January were considered in the sizing of the pipelines to Fancher Creek and the Diversion Channel.

6.4.1 Average Day Demand (July)

Average Day Demand is defined as the average rate of demand for an average day. The calculated Average Day Demand in July for Phases 1, 2 and 3 are summarized in Table 6.1.

Table 6.1: Average Day Demand

Phase	Average Day Demand (MGD)	Average Day Demand (gpm)
1	2.6	1,806
2	5.6	3,889
3	8.4	5,833

6.4.2 Peak Hour Demand (July)

Peak Hour Demand is defined as the average rate of usage during the maximum hour of usage. The calculated Peak Hour Demand in July for Phases 1, 2 and 3 are summarized in Table 6.2.

Table 6.2: Peak Hour Demand

Phase	Peak Hour Demand (MGD)	Peak Hour Demand (gpm)
1	9.36	7,200
2	18.72	13,000
3	18.72	13,000

Most of the identified recycled water use areas will use recycled water during the late night to early morning hours, thus resulting in peak recycled water demands during this time. Table 6.2 indicates that the peak hour demand for Phases 2 and 3 are equal. This is because the only additional recycled water use area identified in Phase 3, not previously included in Phase 2, is additional agricultural land at CSUF. CSUF has been identified as a daytime user of recycled water and will only use water during off-peak times. As a result, the peak hour demand remains unchanged from Phase 2 to Phase 3.

6.5 January and December Demands

During the months of December and January, it is estimated that the demand for the identified recycled water use areas is nearly zero. As a result, all of the recycled water produced by the Reuse Facility during the months of December and January could potentially be discharged to Fancher Creek or the Diversion Channel.

The anticipated Phase 3 instantaneous peak discharge rate of recycled water from the Reuse Facility is estimated at two times the average daily flow rate of 8.4 MGD, or 16.8 MGD. The pipelines to Fancher Creek and the Diversion channel are sized to accommodate a peak flow rate of 16.8 MGD.

6.6 Required Pump Stations

Two pump stations have been incorporated in the hydraulic modeling of the recycled water system. The first pump station is identified as Pump Station No. 1 and is proposed at the Reuse Facility Site. Pump Station No. 1 is required to pump water from an on-site storage reservoir and into the distribution system. The second pump station is identified as Pump Station No. 3 and is proposed near the future intersection of Teague and De Wolf Avenues. Pump Station No. 3 is required to boost the system pressure within the Harlan Ranch Development to acceptable levels. These above-described pump stations and their proposed phasing are summarized in Table 6.3. The recycled water system can function adequately with these two pump stations.

Table 6.3: Summary of Required Recycled Water Pump Stations

	Phase 1 Capacity (gpm)	Phase 2 Capacity (gpm)	Phase 3 Capacity (gpm)
Pump Station No. 1	7,200	13,000	13,000
Pump Station No. 3	1,800	1,800	1,800

All pump stations should include pumps with variable speed drives to help maintain a constant discharge pressure, regardless of the demand. Pump Station No. 1 and Pump Station No. 3 should maintain constant discharge pressures of 50 pounds per square inch (psi) and 60 psi, respectively. In addition, in order to provide the City with operational flexibility, the pump stations should be capable of maintaining an array of discharge pressures from 45 psi to 70 psi.

6.7 Other Pump Stations

For the Phase 3 improvements, it is possible that another pump station may be necessary or desirable. This pump station would be situated near the intersection of Temperance and Sierra Avenues and is identified as Pump Station No. 2. As described previously, the recycled water system can function adequately without this pump station; however, Pump Station No. 2 provides one distinct benefit to the system. Pump Station No. 2 provides the City with an increased ability to deliver recycled water to the Diversion Channel. Table 6.4 includes a summary of the discharge capabilities to the Diversion Channel with and without Pump Station No. 2. Pump Station No. 2 would be part of the Phase 3 improvements only.

Table 6.4: Recycled Water Discharge Capacity to the Diversion Channel

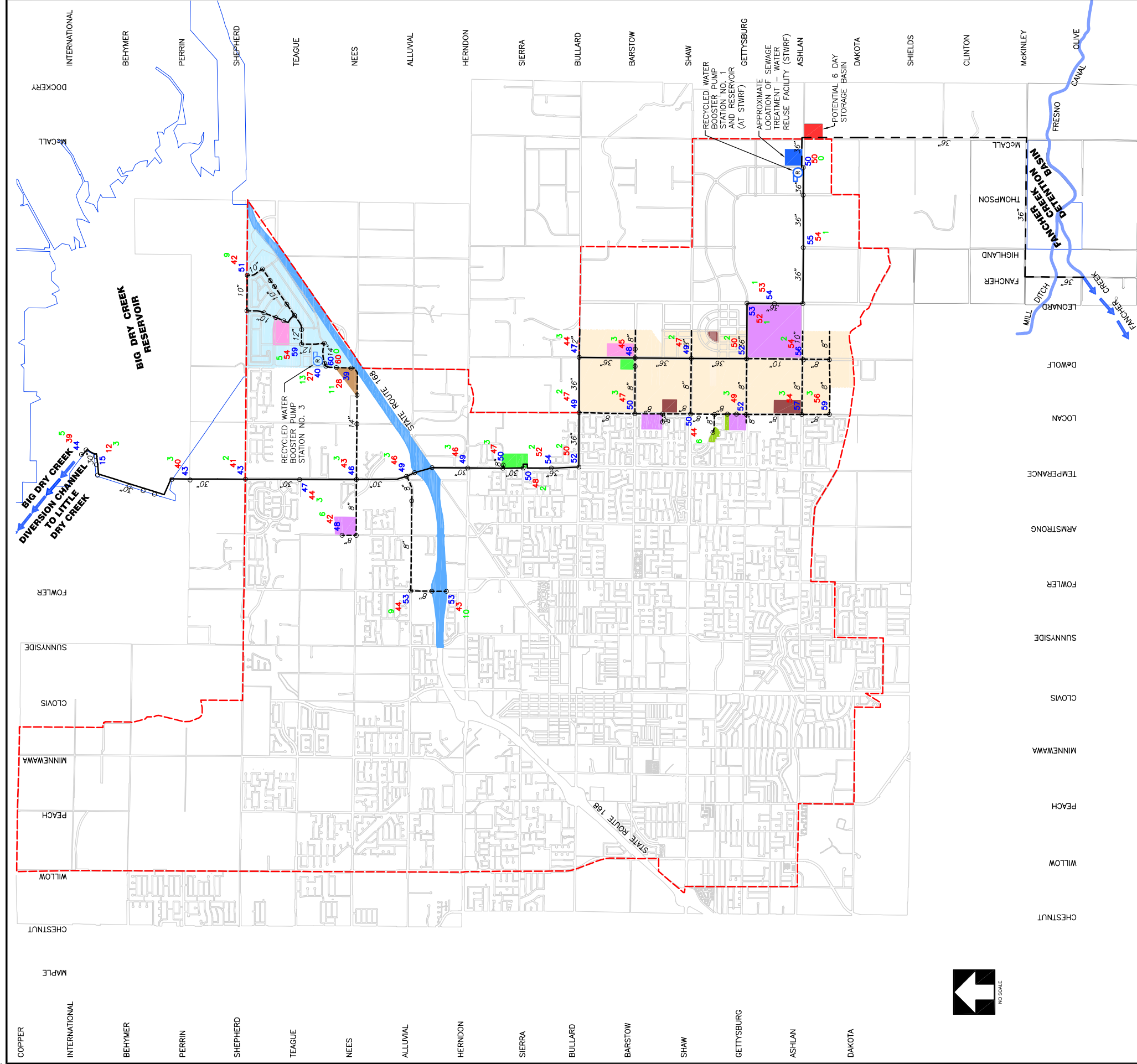
Phase	Reuse Facility Average Day Treatment Capacity (MGD)	Maximum Discharge Rate to the Diversion Channel (MGD)
Phase 3 w/o P.S. No. 2	8.4	8.4
Phase 3 w/ P.S. No. 2	8.4	16.8

As shown in Table 6.4, the addition of Pump Station No. 2 provides the City with the ability to deliver recycled water to the Diversion Channel at a rate of approximately 16.8 MGD. Without Pump Station No. 2, the City has the ability to deliver water to the Diversion Channel at a rate of approximately 8.4 MGD. In order to provide the City with increased flexibility in system design and operation, it is recommended that the City move forward with the planning for Pump Station No. 2 and reevaluate the project immediately prior to design and construction of the Phase 3 improvements.

6.8 System Pressures

The calculated system pressures in July for the build-out scenario of Phases 1, 2 and 3 are shown on Figures 6.4, 6.5 and 6.6, respectively. These figures include the minimum calculated pressure during peak demand periods, maximum calculated pressure during low demand periods and the difference between the maximum and minimum pressures. The modeling for Phases 1, 2 and 3 includes Pump Stations No. 1 and No. 3 only, both modeled as being equipped with variable frequency drives.

Output from the hydraulic model in the form of “Node Reports”, “Pipe Reports” and “Pump Reports” for the July analysis of Phases 1, 2 and 3 are included in Appendix C. There are 24 Pipe Reports, Node Reports and Pump Reports for each phase, one for each hour of the day. In order to perform the hydraulic modeling and organize the output data, the hydraulic modeling software assigns an identification number to every node and pipe. The node and pipe identification numbers for Phases 1, 2 and 3 are shown on Figures 6.7, 6.8 and 6.9, respectively.



NOTES:

1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 2.8 MGD FOR PHASE 1.
2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 2.6 MGD.
3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE AREAS ARE NOT SHOWN.

LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- - - PROPERTY LINES / RIGHTS OF WAY
- OUTFALL WATERWAYS
- GRAVITY PIPELINE
- TRANSMISSION PIPELINE
- DISTRIBUTION PIPELINE
- o NODE
- 52 MAXIMUM PRESSURE
- 47 MINIMUM PRESSURE
- 5 DIFFERENCE BETWEEN MAXIMUM AND MINIMUM PRESSURE

PLANNED RECYCLED WATER USE AREAS

- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
- EXISTING STATE ROUTE 168 (40% IRRIGABLE)
- FUTURE COMMERCIAL (10% IRRIGABLE)
- FUTURE PARK (90% IRRIGABLE)
- FUTURE PUBLIC FACILITY (20% IRRIGABLE)
- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (6% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (6% IRRIGABLE)

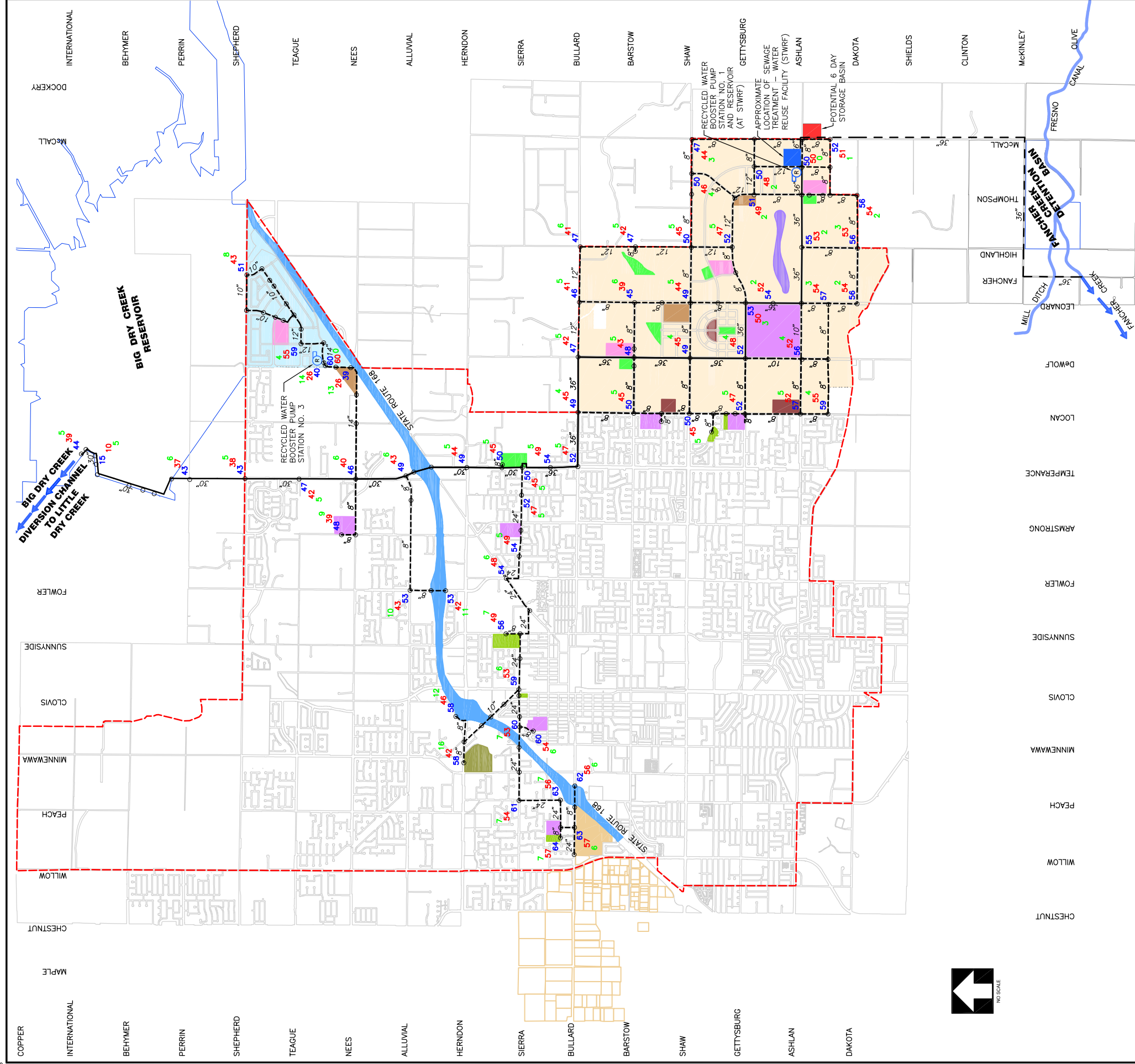


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**FIGURE 6.4
PHASE 1 SYSTEM PRESSURES IN JULY**

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NOTES:

1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 5.6 MGD FOR PHASE 2.
2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 5.6 MGD.
3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE ARE NOT SHOWN.

LEGEND:

- CLOVIS SPHERE OF INFLUENCE
 - - - PROPERTY LINES / RIGHTS OF WAY
 - OUTFALL WATERWAYS
 - GRAVITY PIPELINE
 - TRANSMISSION PIPELINE
 - DISTRIBUTION PIPELINE
 - o NODE
 - 52 MAXIMUM PRESSURE
 - 47 MINIMUM PRESSURE
 - 5 DIFFERENCE BETWEEN MAXIMUM AND MINIMUM PRESSURE
- PLANNED RECYCLED WATER USE AREAS**
- EXISTING AGRICULTURE (100% IRRIGABLE)
 - EXISTING PARK (90% IRRIGABLE)
 - EXISTING SCHOOL (51-67% IRRIGABLE)
 - EXISTING STATE ROUTE 168 (40% IRRIGABLE)
 - FUTURE COMMERCIAL (10% IRRIGABLE)
 - FUTURE PARK (90% IRRIGABLE)
 - FUTURE PUBLIC FACILITY (20% IRRIGABLE)
 - FUTURE SCHOOL (67% IRRIGABLE)
 - FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
 - FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)
 - FUTURE LAKE (EXACT LOCATION TO BE DETERMINED)

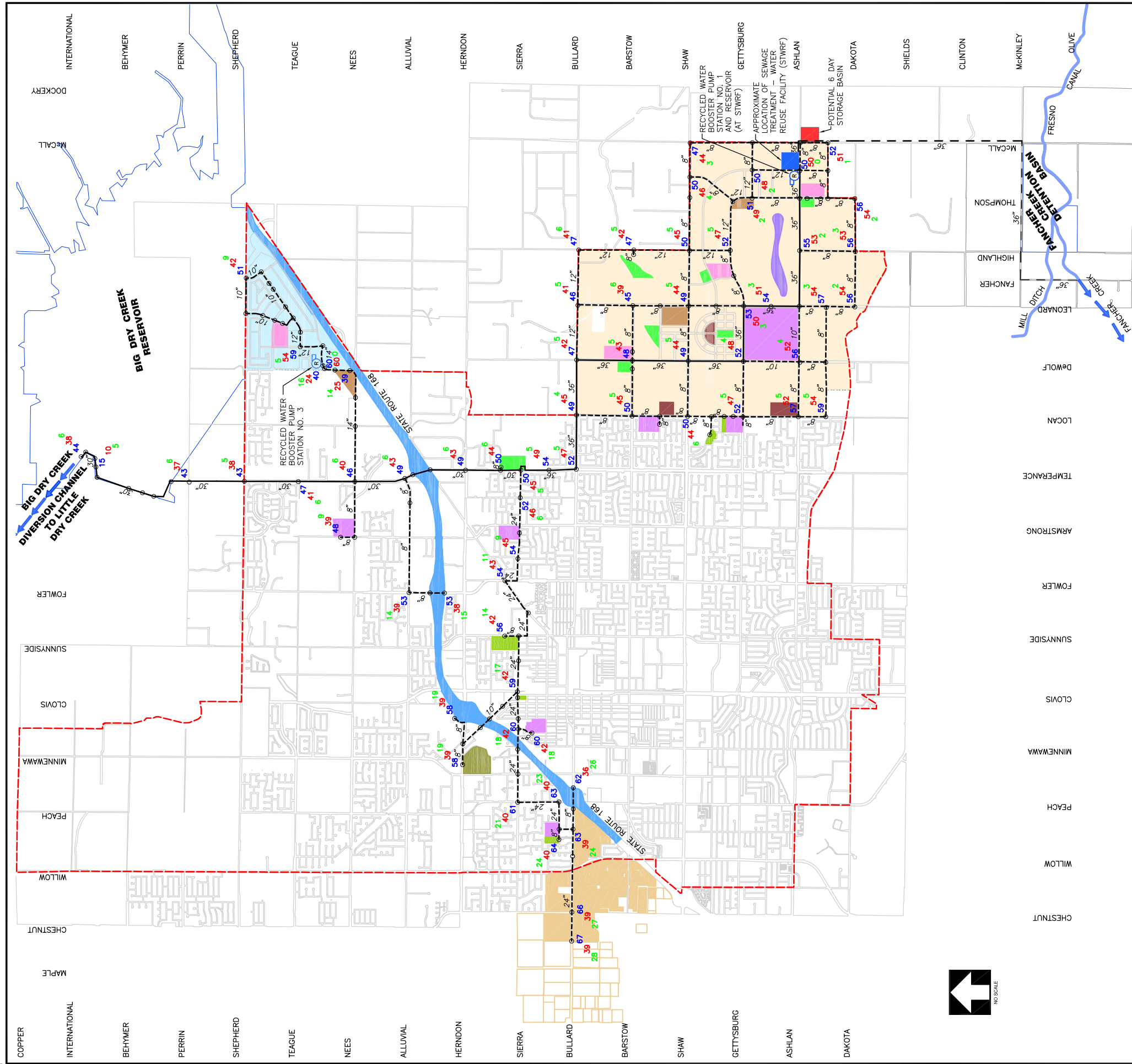


CITY OF CLOVIS

Blair, Church & Flynn Consulting Engineers

**FIGURE 6.5
PHASE 2 SYSTEM PRESSURES IN JULY**

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NOTES:

1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 8.4 MGD FOR PHASE 3.
2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 8.4 MGD.
3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE AREAS ARE NOT SHOWN.

LEGEND:

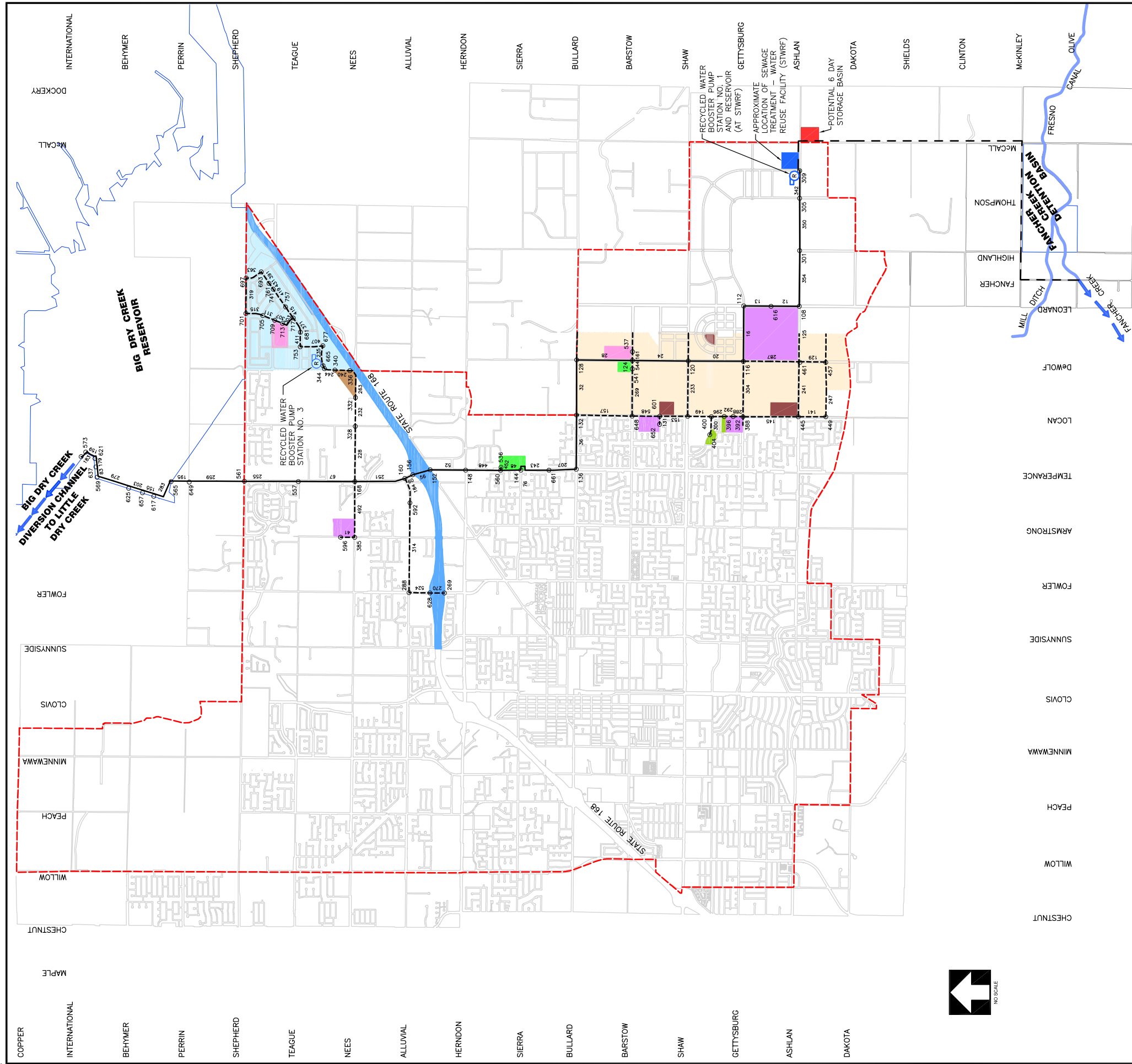
- CLOVIS SPHERE OF INFLUENCE
 - - - PROPERTY LINES / RIGHTS OF WAY
 - OUTFALL WATERWAYS
 - GRAVITY PIPELINE
 - TRANSMISSION PIPELINE
 - DISTRIBUTION PIPELINE
 - o NODE
 - 52 MAXIMUM PRESSURE
 - 47 MINIMUM PRESSURE
 - 5 DIFFERENCE BETWEEN MAXIMUM AND MINIMUM PRESSURE
- PLANNED RECYCLED WATER USE AREAS**
- EXISTING AGRICULTURE (100% IRRIGABLE)
 - EXISTING PARK (90% IRRIGABLE)
 - EXISTING SCHOOL (51-67% IRRIGABLE)
 - EXISTING STATE ROUTE 168 (40% IRRIGABLE)
 - FUTURE COMMERCIAL (10% IRRIGABLE)
 - FUTURE PARK (90% IRRIGABLE)
 - FUTURE PUBLIC FACILITY (20% IRRIGABLE)
 - FUTURE SCHOOL (67% IRRIGABLE)
 - FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
 - FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)
 - FUTURE LAKE (EXACT LOCATION TO BE DETERMINED)



CITY OF CLOVIS

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**FIGURE 6.6
PHASE 3 SYSTEM PRESSURES IN JULY**



NOTES:

1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 2.8 MGD FOR PHASE 1.
2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 2.6 MGD.
3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE AREAS ARE NOT SHOWN.

LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- - - PROPERTY LINES / RIGHTS OF WAY
- OUTFALL WATERWAYS
- GRAVITY PIPELINE
- TRANSMISSION PIPELINE
- DISTRIBUTION PIPELINE
- NODE
- 188 NODE I.D.
- 219 PIPE I.D.

PLANNED RECYCLED WATER USE AREAS

- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
- EXISTING STATE ROUTE 168 (40% IRRIGABLE)
- FUTURE COMMERCIAL (10% IRRIGABLE)
- FUTURE PARK (90% IRRIGABLE)
- FUTURE PUBLIC FACILITY (20% IRRIGABLE)
- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (6% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (6% IRRIGABLE)

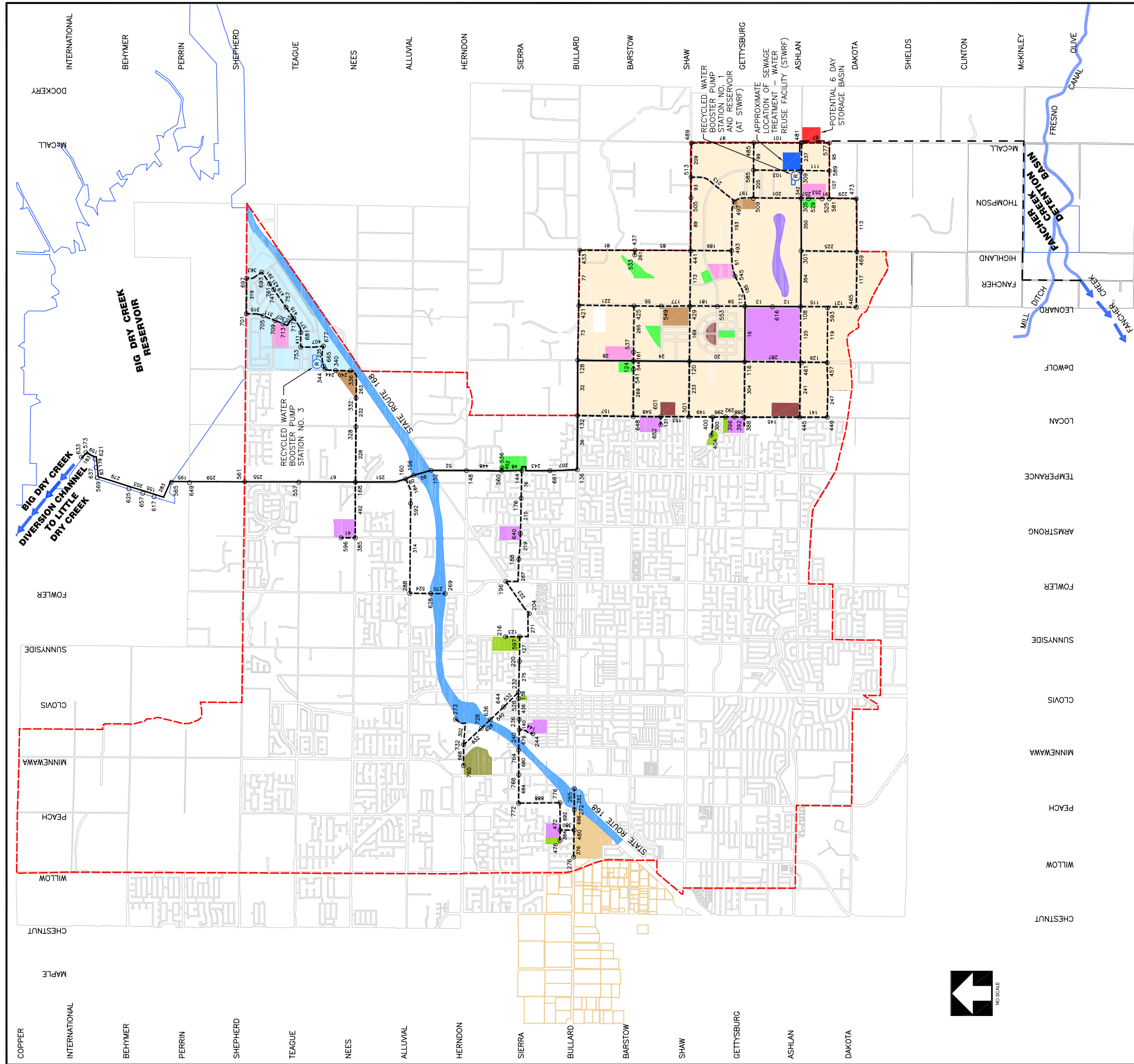


CITY OF CLOVIS

**FIGURE 6.7
PHASE 1 NODE & PIPE
IDENTIFICATION NUMBERS**

Blair, Church & Flynn Consulting Engineers

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LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- - - PROPERTY LINES / RIGHTS OF WAY
- OUTFALL WATERWAYS
- GRAVITY PIPELINE
- TRANSMISSION PIPELINE
- DISTRIBUTION PIPELINE
- NODE
- 188 NODE I.D.
- 219 PIPE I.D.

PLANNED RECYCLED WATER USE AREAS

- EXISTING AGRICULTURE (100% IRRIGABLE)
- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
- EXISTING STATE ROUTE 168 (40% IRRIGABLE)
- FUTURE COMMERCIAL (10% IRRIGABLE)
- FUTURE PARK (90% IRRIGABLE)
- FUTURE PUBLIC FACILITY (20% IRRIGABLE)
- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)
- FUTURE LAKE (EXACT LOCATION TO BE DETERMINED)

- NOTES:**
1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 5.6 MGD FOR PHASE 2.
 2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 5.6 MGD.
 3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE AREAS ARE NOT SHOWN.

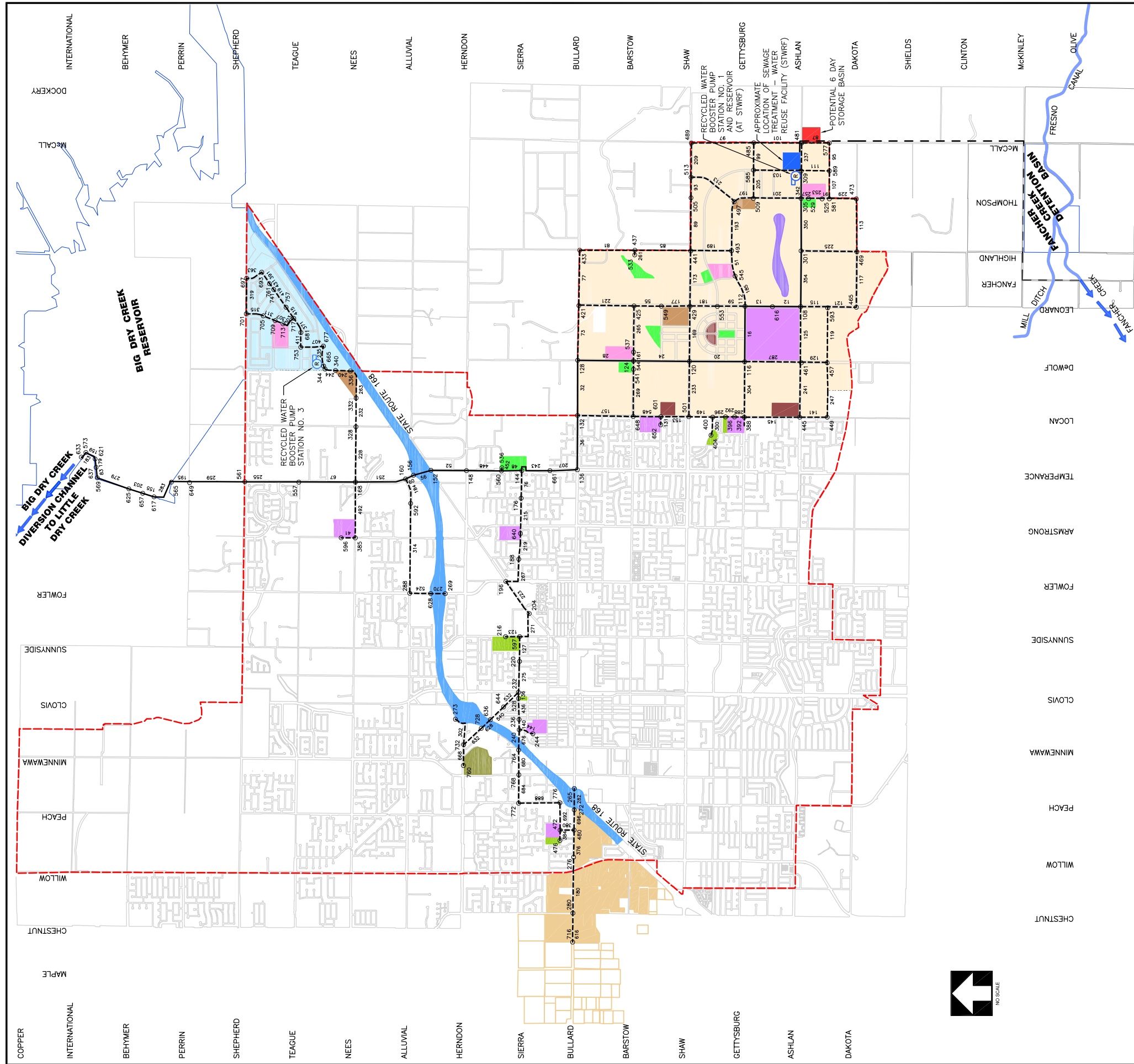


CITY OF CLOVIS

Blair, Church & Flynn Consulting Engineers

**FIGURE 6-8
PHASE 2 NODE & PIPE
IDENTIFICATION NUMBERS**

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LEGEND:

- CLOVIS SPHERE OF INFLUENCE
- PROPERTY LINES / RIGHTS OF WAY
- OUTFALL WATERWAYS
- GRAVITY PIPELINE
- TRANSMISSION PIPELINE
- DISTRIBUTION PIPELINE
- NODE
- NODE I.D.
- PIPE I.D.

PLANNED RECYCLED WATER USE AREAS

- EXISTING AGRICULTURE (100% IRRIGABLE)
- EXISTING PARK (90% IRRIGABLE)
- EXISTING SCHOOL (51-67% IRRIGABLE)
- EXISTING STATE ROUTE 168 (40% IRRIGABLE)
- FUTURE COMMERCIAL (10% IRRIGABLE)
- FUTURE PARK (90% IRRIGABLE)
- FUTURE PUBLIC FACILITY (20% IRRIGABLE)
- FUTURE SCHOOL (67% IRRIGABLE)
- FUTURE SOUTHEAST URBAN CENTER (8% IRRIGABLE)
- FUTURE HARLAN RANCH DEVELOPMENT (8% IRRIGABLE)
- FUTURE LAKE (EXACT LOCATION TO BE DETERMINED)

NOTES:

1. THE SEWAGE TREATMENT - WATER REUSE FACILITY'S MAXIMUM DAILY RECYCLED WATER PRODUCTION RATE IS 8.4 MGD FOR PHASE 3.
2. TOTAL ESTIMATED RECYCLED WATER DEMAND IN JULY FOR THE RECYCLED WATER USERS SHOWN IS 8.4 MGD.
3. DISTRIBUTION PIPELINES WITHIN RESIDENTIAL SUBDIVISIONS TO PUBLIC LANDSCAPE AREAS ARE NOT SHOWN.



CITY OF CLOVIS

**FIGURE 6.9
PHASE 3 NODE & PIPE
IDENTIFICATION NUMBERS**

Blair, Church & Flynn Consulting Engineers

A Capital Improvement Project Schedule has been developed for the proposed recycled water pipelines, pumps stations, and reservoirs. The proposed infrastructure has been divided into 18 separate projects which are shown on Figure 7.1 and summarized in Table 7.1. This Chapter provides a summary of the description, schedule and cost for each project. The scheduling of each project has been developed such that the necessary recycled water infrastructure is in-place to provide recycled water service to use areas as recycled water becomes available. An opinion of probable cost for all proposed recycled water projects is included in Chapter 8. The project costs included in this study should be considered an “order of magnitude” estimate.

For certain recycled water pipeline projects, the City of Clovis plans to apply for state funding grants available under the provisions of the Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002, which was approved by California voters on November 5, 2002, As Proposition 50 (Proposition 50). Those projects are collectively referred to as the Proposition 50 Projects in this Master Plan, and are shown on Figure 7.2. Some of the capital improvement projects described in this chapter are included in the Proposition 50 Projects.

7.1 Fiscal Year 2004-2005

The following projects are proposed for construction during Fiscal Year 2004-2005.

Project P-1:

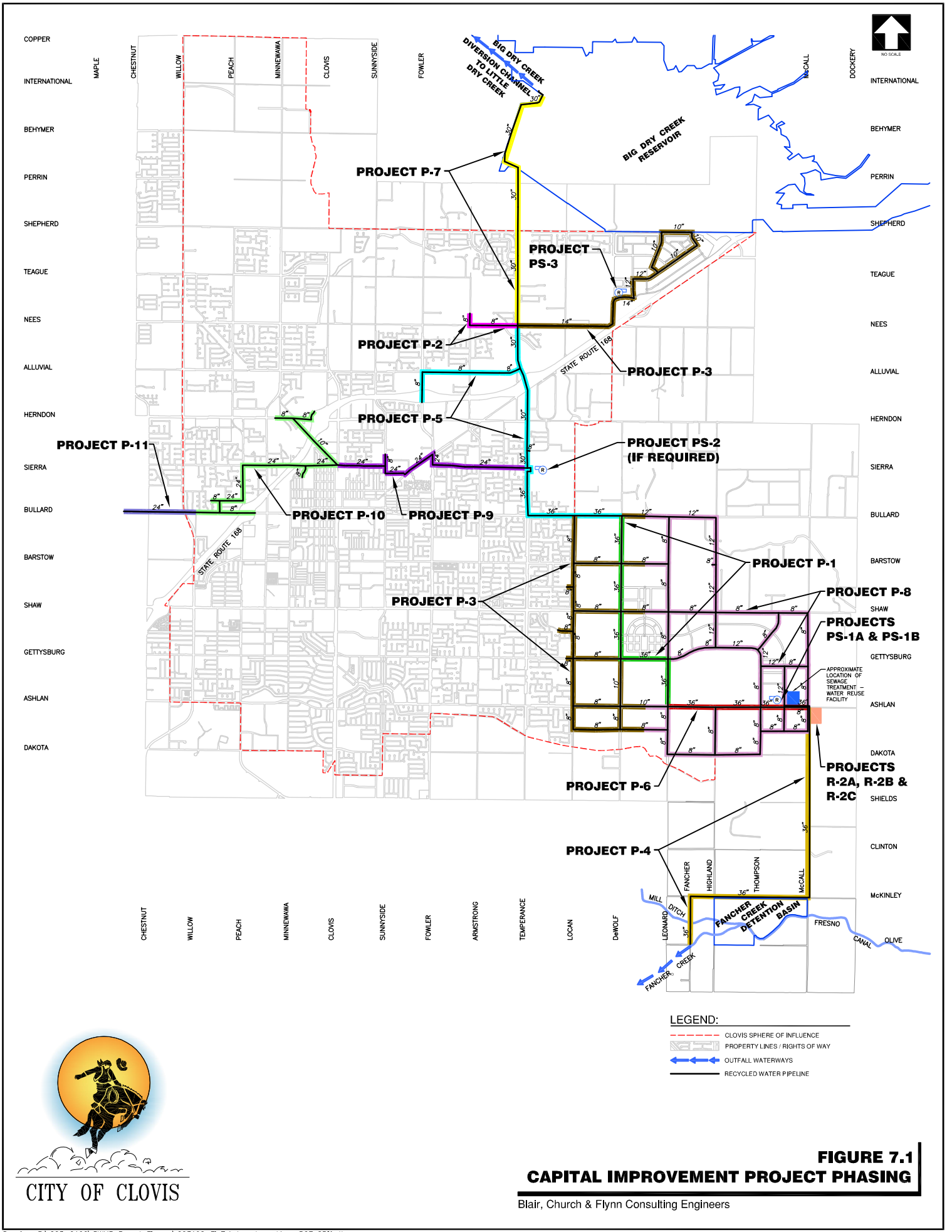
Project P-1 includes approximately 13,300 feet of 36-inch recycled water pipelines. The proposed pipeline route is shown on Figure 7.1. This project is currently under construction. Project P-1 is part of Proposition 50 Project A.

Project P-2:

Project P-2 includes approximately 3,300 feet of 8-inch recycled water pipelines. The proposed pipeline route for Project P-2 is shown on Figure 7.1. The design of this project is currently underway. Project P-2 is part of Proposition 50 Project C.

Project P-3:

Project P-3 includes recycled water pipelines within the Harlan Ranch Development, and a portion of the pipelines within the Southeast Urban Center, as shown on Figure 7.1. The recycled water pipelines shown on Figure 7.1 that are located within the Harlan Ranch Development and the Southeast Urban Center are limited to the pipelines within the “major” streets. Pipelines within individual subdivisions are not shown on Figure 7.1, but are expected to be installed by developers with guidance from the City regarding pipe size and alignment. Project P-3 also includes the Nees Avenue pipeline east of Temperance Avenue and the DeWolf Avenue pipeline north of Nees Avenue. All Project P-3 pipelines are expected to be installed and financed by developers. As such, Project P-3 costs have not been analyzed and are not included in this Master Plan. Construction of the Project P-3 pipelines is expected to begin in Fiscal Year 2004-2005, and continue through Fiscal Year 2007-2008. The Project P-3 pipelines intended to serve the proposed Harlan Ranch Development, generally those in Nees, DeWolf and Teague Avenues, are part of Proposition 50 Project C.



- LEGEND:**
- CLOVIS SPHERE OF INFLUENCE
 - PROPERTY LINES / RIGHTS OF WAY
 - ← OUTFALL WATERWAYS
 - RECYCLED WATER PIPELINE

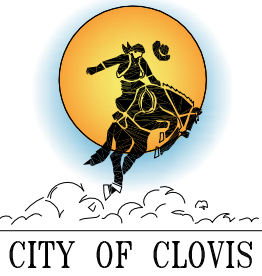


FIGURE 7.1
CAPITAL IMPROVEMENT PROJECT PHASING

Blair, Church & Flynn Consulting Engineers

Capital Project Development

Table 7.1: Recycled Water Capital Project Development Schedule

Fiscal Year	Project	Description	Phase	Project Cost (1)
2004-2005	P-1	36-inch Pipeline in Leonard, Gettysburg & Dewolf Ave.	1	\$4,165,200
2004-2005	P-2	8-inch Pipeline in Nees and Armstrong	1	\$320,900
2004-2005	P-3	Developer Installed Pipelines, locations vary	1	N/A
Fiscal Year 2004-2005 Subtotal				\$4,486,100
2005-2006	P-4	36-inch Pipeline in McCall, McKinley & Fancher Ave.	1	\$5,992,800
2005-2006	P-3	Developer Installed Pipelines, locations vary	1	N/A
Fiscal Year 2005-2006 Subtotal				\$5,992,800
2006-2007	PS-1A	Pump Station No. 1 (Phase 1)	1	\$3,575,000
2006-2007	PS-3	Pump Station No. 3	1	\$214,500
2005-2006	P-5	30 & 36-inch Pipeline in Bullard, Temperance & Alluvial Ave.	1	\$5,311,700
2006-2007	P-6	36-inch Pipeline in Ashlan Ave.	1	\$2,035,600
2006-2007	P-7	30-inch Pipeline in Temperance to Diversion Channel	1	\$3,586,700
2006-2007	P-3	Developer Installed Pipelines, locations vary	1	N/A
Fiscal Year 2006-2007 Subtotal				\$14,723,500
2007-2008	R-2A	6-Day Storage Reservoir (Phase 1)	1	\$2,002,000
2007-2008	P-3	Developer Installed Pipelines, locations vary	1	N/A
Fiscal Year 2007-2008 Subtotal				\$2,002,000
2008-2009	P-8	Developer Installed Pipelines, locations vary	2	N/A
Fiscal Year 2008-2009 Subtotal				N/A
2009-2010	P-8	Developer Installed Pipelines, locations vary	2	N/A
Fiscal Year 2009-2010 Subtotal				N/A
2010-2011	P-8	Developer Installed Pipelines, locations vary	2	N/A
Fiscal Year 2010-2011 Subtotal				N/A
2015-2016	PS-1B	Pump Station No. 1 (Phase 2 Expansion)	2	\$357,500
2015-2016	R-2B	6-Day Storage Reservoir (Phase 2 Expansion)	2	\$286,000
Fiscal Year 2015-2016 Subtotal				\$643,500
2020-2021	P-9	8 & 24-inch Pipelines in Sierra Avenue	2	\$2,693,500
2020-2021	P-10	8, 10 & 24-inch Pipelines in Sierra, Peach, & Bullard Ave.	2	\$3,253,100
Fiscal Year 2020-2021 Subtotal				\$5,946,600
2024-2025	P-11	24-inch Pipeline in Sierra Avenue	3	\$897,000
2024-2025	R-2C	6-Day Storage Reservoir (Phase 3 Expansion)	3	\$286,000
2024-2025	PS-2	Pump Station No. 2 (If Required)	3	\$3,575,000
Fiscal Year 2024-2025 Subtotal				\$4,758,000
GRAND TOTAL (Rounded)				\$38,553,000

1. Project costs include a 25% contingency and 18% for engineering and construction management services.
2. All project costs are in 2005 dollars.
3. See Table 8.1 for a detailed opinion of probable cost.

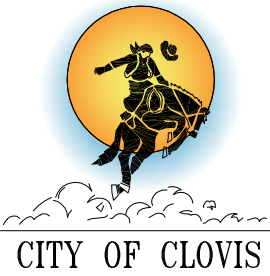
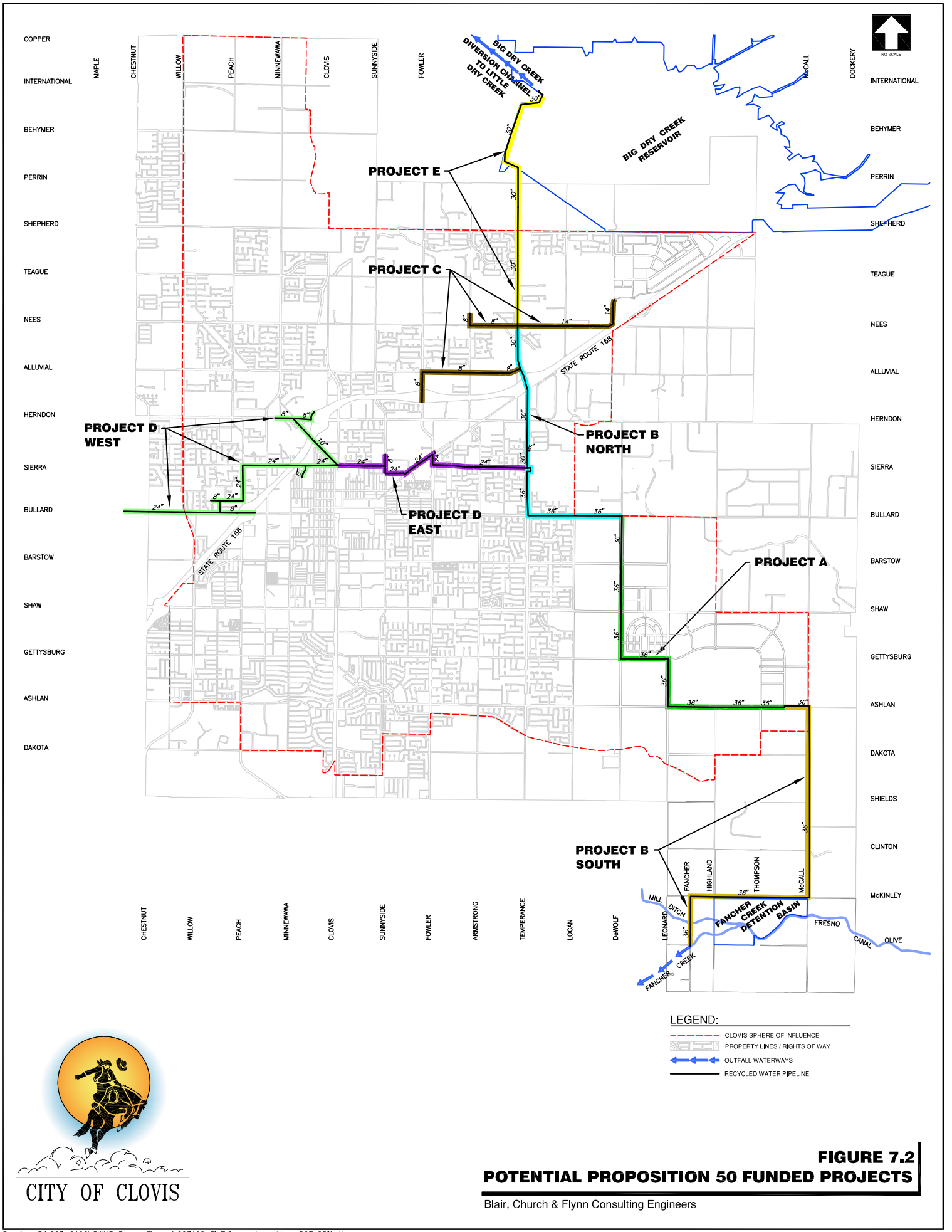


FIGURE 7.2
POTENTIAL PROPOSITION 50 FUNDED PROJECTS

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7.2 Fiscal Year 2005-2006

The following projects are proposed for construction during Fiscal Year 2005-2006.

Project P-4:

The Project P-4 includes approximately 21,200 feet of 36-inch gravity pipe installed from the Reuse Facility to Fancher Creek. This gravity pipeline will provide the City with the means to convey recycled water to Fancher Creek for use by FID. The proposed pipeline route is shown on Figure 7.1. Project P-4 is part of Proposition 50 Project B, and in that context is referred to as Project B South.

Project P-3:

Project P-3 is described in Section 7.1 and is shown on Figure 7.1. Construction of the Project P-3 pipelines is expected to begin in Fiscal Year 2004-2005, and continue through Fiscal Year 2007-2008.

7.3 Fiscal Year 2006-2007

The following projects are proposed during Fiscal Year 2006-2007.

Project PS-1A:

Project PS-1A consists of the Phase 1 improvements for Pump Station No. 1. Pump Station No. 1 will include multiple pumps with variable frequency drives, with a maximum supply capacity of 7,200 gpm at a total dynamic head (TDH) of approximately 150 feet. Pump Station No. 1 is proposed to be located at the Reuse Facility Site, and will pump recycled water from the on-site recycled water storage facilities and into the distribution system.

Project PS-3:

Project PS-3 consists of Pump Station No. 3, which is required to boost the recycled water distribution system pressure within the proposed Harlan Ranch Development. The proposed pump station includes multiple pumps with variable frequency drives, and will have a maximum supply capacity of 1,800 gpm at a TDH of approximately 60 feet. Pump Station No. 3 is proposed to be located within the proposed Harlan Ranch Development, as shown on Figure 7.1.

Project P-5:

Project P-5 includes approximately 7,900 feet of 36-inch, 8,000 feet of 30-inch and 7,300 feet of 8-inch recycled water pipelines. The proposed pipeline routes are shown on Figure 7.1. The Project P-5 pipelines in Bullard and Temperance Avenues are part of Proposition 50 Project B, and in that context are referred to as Project B North. The Project P-5 pipelines in Alluvial and Fowler Avenues are part of Proposition 50 Project C.

Project P-6:

Project P-6 includes approximately 6,500 feet of 36-inch recycled water pipe. The proposed pipeline route is along Ashlan Avenue and is shown on Figure 7.1. Project P-6 is part of Proposition 50 Project A.

Project P-7:

Project P-7 includes approximately 14,700 feet of 30-inch recycled water pipe, which will serve as the northerly outfall for the discharge of recycled water to the Big Dry Creek Diversion Channel to Little Dry Creek. The proposed pipeline route is shown on Figure 7.1. Project P-7 is the same project as Proposition 50 Project E.

Project P-3:

Project P-3 is as previously described and is shown on Figure 7.1. Construction of the Project P-3 pipelines is expected to begin in Fiscal Year 2004-2005, and continue through Fiscal Year 2007-2008.

7.4 Fiscal Year 2007-2008

The following projects are proposed during Fiscal Year 2007-2008.

Project R-2A:

Project R-2A consists of the Phase 1 improvements of the 6-Day Storage Facility, which is proposed near the southeast corner of the Ashlan Avenue and McCall Avenue intersection. The 6-Day Storage Facility may be required as a condition of the Waste Discharge Permit. If so, the proposed improvements would likely include a lined earthen storage reservoir with a capacity equal to six days of the average daily flow rate of the Reuse Facility. For Phase 1, the design average daily flow rate for the Reuse Facility is 2.8 MGD. As a result, the required holding capacity of the reservoir is 16.8 million gallons.

Project P-3:

Project P-3 is as previously described in Section 7.1 and is shown on Figure 7.1. Construction of the Project P-3 pipelines is expected to begin in Fiscal Year 2004-2005, and continue through Fiscal Year 2007-2008.

7.5 Fiscal Years 2008-2011

The following projects are proposed during Fiscal Years 2008-2011.

Project P-8:

Project P-8 includes all proposed recycled water pipelines within the Southeast Urban Center that are less than 36-inches in diameter and are not included as part of Project P-3. All Project P-8 pipelines are expected to be installed and financed by developers. As such, Project P-3 costs have not been analyzed and are not included in this Master Plan.

7.6 Fiscal Year 2015-2016

The following projects are proposed during Fiscal Year 2015-2016.

Project PS-1B:

Project PS-1B includes the Phase 2 improvements for Pump Station No. 1. The Phase 2 improvements include increasing the capacity of the Pump Station No. 1 from 7,200 gpm at a TDH of approximately 150 feet to 13,000 gpm at a TDH of approximately 150 feet. Pumps with variable speed drives are required as part of these improvements.

Project R-2B:

Project R-2B includes the Phase 2 improvements for the 6-Day Storage Facility. As indicated in the description for Project R-2A, it is anticipated that this storage facility may be required as a condition of the waste discharge permit. As such, provisions for this facility have been made in this Master Plan. The improvements include expanding the capacity of the lined earthen storage facility from 16.8 million gallons to 33.6 million gallons. These improvements will provide 6-days of storage at the Phase 2 Reuse Facility average daily flow capacity of 5.6 MGD.

7.7 Fiscal Year 2020-2021

Project P-9:

Project P-9 includes approximately 12,000 feet of 24-inch and 700 feet of 8-inch recycled water pipelines. The proposed pipeline routes for Project P-9 are shown on Figure 7.1. Project P-9 is part of Proposition 50 Project D. In that context, it is referred to as Proposition 50 Project D East.

Project P-10:

Project P-10 includes approximately 10,500 feet of 24-inch, 3,600 feet of 10-inch and 5,700 feet of 8-inch recycled water pipelines. The proposed pipeline routes for Project P-10 are shown on Figure 7.1. Project P-10 is part of Proposition 50 Project D. In that context, and in combination with Project P-11, it is referred to as Proposition 50 Project D West.

7.8 Fiscal Year 2024-2025

The following projects are proposed during Fiscal Year 2024-2025.

Project P-11:

Project P-11 includes approximately 4,100 feet of 24-inch recycled water pipe. The proposed pipeline route for Project P-11 is shown on Figure 7.1. The sole purpose of this pipeline is to provide service to CSUF's agricultural fields. No information is currently available regarding which areas of the University's agricultural land will receive recycled water for irrigation use. Moreover, no information regarding possible points of connections to the University's irrigation system is currently available. Further coordination with CSUF representatives regarding proposed land use areas and points of connections are required to verify proper sizing and alignment of the Project P-11 pipelines. Project P-11 is part of Proposition 50 Project D. In that context, and in combination with Project P-10, it is referred to as Proposition 50 Project D West.

Project R-2C:

Project R-2C includes the Phase 3 improvements for the 6-Day Storage Facility. As indicated in the description for Project R-2A, it is anticipated that this storage facility may be required as a condition of the waste discharge permit. As such, provisions for this facility have been made in this Master Plan. The improvements include expanding the capacity of the lined earthen storage facility from 33.6 million gallons to 50.4 million gallons. These improvements will provide 6 days of storage at the Phase 3 Reuse Facility average daily flow capacity of 8.4 MGD.

Project PS-2:

Project PS-2 includes Pump Station No. 2. As indicated in Chapter 6, hydraulic modeling of the recycled water distribution system indicates that it can adequately serve the identified use areas without Pump Station No. 2. However, the addition of Pump Station No. 2 would provide greater flexibility in adapting system operation to changes in recycled water use patterns and the rate at which recycled water can be delivered to the Diversion Channel. If constructed, Pump Station No. 2 would include multiple pumps with variable frequency drives and a maximum supply capacity of 11,700 gpm. Pump Station No. 2 is proposed near the intersection of Temperance and Sierra Avenues as shown on Figure 7.1.

The opinions of probable cost included in this Master Plan are based on bid results, cost estimate curves, reference cost estimating literature and BC&F's experience on other projects. The opinion of probable cost should be considered an "order of magnitude estimate". The opinion of probable cost for the recommended recycled water infrastructure projects is included in Table 8.1.

8.1 Estimating Assumptions

The opinion of probable cost included in Table 8.1 is intended to be used for general master planning purposes and for guidance regarding planning of the recycled water system. Actual project costs will vary based on the detailed design, labor costs, material costs, market conditions, and other variables such as utility conflicts.

8.2 Contingency

Development of the recommended recycled water construction projects is limited to a master planning level. As such, a 25% contingency has been added to all construction costs to help account for unknown conditions, unexpected events and changes in the scope of the projects.

8.3 Other Costs

Design engineering, construction management and inspection services have been estimated at 18% of the construction costs.

Table 8.1: Opinion of Probable Cost

Project	Description	Quantity	Unit	Unit Cost	Total Cost
P-1	36-inch Pressure Pipeline	13,300	LF	\$219	\$2,912,700
	Contingency @ 25%				\$728,175
	Surveying, Engr. and Const. Mang. @ 18%				\$524,286
	<u>Project P-1 Total (rounded)</u>				<u>\$4,165,200</u>
P-2	8-inch Pressure Pipeline	3,300	LF	\$68	\$224,400
	Contingency @ 25%				\$56,100
	Surveying, Engr. and Const. Mang. @ 18%				\$40,392
	<u>Project P-2 Total (rounded)</u>				<u>\$320,900</u>
P-4	36-inch Gravity Pipeline	21,200	LF	\$184	\$3,900,800
	Manhole	35	EA	\$4,000	\$140,000
	Discharge Structure	1	LS	\$150,000	\$150,000
	Contingency @ 25%				\$1,047,700
	Surveying, Engr. and Const. Mang. @ 18%				\$754,344
	<u>Project P-4 Total (rounded)</u>				<u>\$5,992,800</u>
P-5	36-inch Pressure Pipeline	7,900	LF	\$219	\$1,730,100
	30-inch Pressure Pipeline	8,000	LF	\$186	\$1,488,000
	8-inch Pressure Pipeline	7,300	LF	\$68	\$496,400
	Contingency @ 25%				\$928,625
	Surveying, Engr. and Const. Mang. @ 18%				\$668,610
	<u>Project P-5 Total (rounded)</u>				<u>\$5,311,700</u>
PS-1A	Pump Station No. 1 (Phase 1)	1	LS	\$2,500,000	\$2,500,000
	Contingency @ 25%				\$625,000
	Surveying, Engr. and Const. Mang. @ 18%				\$450,000
	<u>Project PS-1A Total (rounded)</u>				<u>\$3,575,000</u>
PS-3	Pump Station No. 3	1	LS	\$150,000	\$150,000
	Contingency @ 25%				\$37,500
	Surveying, Engr. and Const. Mang. @ 18%				\$27,000
	<u>Project PS-3 Total (rounded)</u>				<u>\$214,500</u>
P-6	36-inch Pressure Pipeline	6,500	LF	\$219	\$1,423,500
	Contingency @ 25%				\$355,875
	Surveying, Engr. and Const. Mang. @ 18%				\$256,230
	<u>Project P-6 Total (rounded)</u>				<u>\$2,035,600</u>
P-7	30-inch Pressure Pipeline, North of Shepherd	9,400	LF	\$146	\$1,372,400
	30-inch Pressure Pipeline, South of Shepherd	5,300	LF	\$186	\$985,800
	Discharge Structure	1	LS	\$150,000	\$150,000
	Contingency @ 25%				\$627,050
	Surveying, Engr. and Const. Mang. @ 18%				\$451,476
	<u>Project P-7 Total (rounded)</u>				<u>\$3,586,700</u>

Opinion of Probable Cost

Table 8.1: Opinion of Probable Cost (Continued)

Project	Description	Quantity	Unit	Unit Cost	Total Cost
R-2A	6-Day Storage Reservoir	1	LS	\$1,400,000	\$1,400,000
	Contingency @ 25%				\$350,000
	Surveying, Engr. and Const. Mang. @ 18%				\$252,000
	<u>Project R-2A Total (rounded)</u>				<u>\$2,002,000</u>
PS-1B	Pump Station No. 1 (Phase 2 Expansion)	1	LS	\$250,000	\$250,000
	Contingency @ 25%				\$62,500
	Surveying, Engr. and Const. Mang. @ 18%				\$45,000
	<u>Project PS-1B Total (rounded)</u>				<u>\$357,500</u>
R-2B	6-Day Storage Reservoir (Phase 2 Expansion)	1	LS	\$200,000	\$200,000
	Contingency @ 25%				\$50,000
	Surveying, Engr. and Const. Mang. @ 18%				\$36,000
	<u>Project R-2B Total (rounded)</u>				<u>\$286,000</u>
P-9	24-inch Pressure Pipeline	12,000	LF	\$153	\$1,836,000
	8-inch Pressure Pipeline	700	LF	\$68	\$47,600
	Contingency @ 25%				\$470,900
	Surveying, Engr. and Const. Mang. @ 18%				\$339,048
	<u>Project P-9 Total (rounded)</u>				<u>\$2,693,500</u>
P-10	24-inch Pressure Pipeline	10,500	LF	\$153	\$1,606,500
	10-inch Pressure Pipeline	3,600	LF	\$78	\$280,800
	8-inch Pressure Pipeline	5,700	LF	\$68	\$387,600
	Contingency @ 25%				\$568,725
	Surveying, Engr. and Const. Mang. @ 18%				\$409,482
<u>Project P-10 Total (rounded)</u>				<u>\$3,253,100</u>	
P-11	24-inch Pressure Pipeline	4,100	LF	\$153	\$627,300
	Contingency @ 25%				\$156,825
	Surveying, Engr. and Const. Mang. @ 18%				\$112,914
	<u>Project P-11 Total (rounded)</u>				<u>\$897,000</u>
R-2C	6-Day Storage Reservoir (Phase 3 Expansion)	1	LS	\$200,000	\$200,000
	Contingency @ 25%				\$50,000
	Surveying, Engr. and Const. Mang. @ 18%				\$36,000
	<u>Project R-2C Total (rounded)</u>				<u>\$286,000</u>
PS-2	Pump Station No. 2 (If Required)	1	LS	\$2,500,000	\$2,500,000
	Contingency @ 25%				\$625,000
	Surveying, Engr. and Const. Mang. @ 18%				\$450,000
	<u>Project PS-2 Total (rounded)</u>				<u>\$3,575,000</u>
<u>GRAND TOTAL (Rounded)</u>					<u>\$ 38,553,000</u>

This Chapter describes the phasing within the Southeast Urban Center for Phases 1, 2 and 3.

9.1 Phase 1

Based on conversations with the City, it is estimated that all of the Harlan Ranch Development and approximately one third of the Southeast Urban Center will be developed by the time the first phase of the Reuse Facility becomes operational in 2008. However, the actual rate of future development is unknown and may significantly vary from the estimates made in this report. It is anticipated that once the Reuse Facility becomes operational, the identified Phase 1 recycled water use areas will be provided service as soon as recycled water is available and the necessary infrastructure is in place.

The Phase 1 recycled water use areas include approximately 33 percent of the identified area within the Southeast Urban Center, the Harlan Ranch Development, portions of State Route 168, and some Parks and Schools near the transmission mains. The Phase 1 use areas have an estimated average day demand in July of 2.6 MGD, which is equal to the expected average daily amount of wastewater that will be conveyed to the Reuse Facility for years 2008 through 2015.

The recycled water infrastructure within the Southeast Urban Center and Harlan Ranch Development is expected to be installed as development within these areas occurs. During the interim period, before the Reuse Facility becomes operational, the identified Phase 1 use areas must be provided irrigation water via temporary water service connections to the potable water pipelines, or the introduction of potable water into the “out of service” recycled water pipelines, or via other alternatives that allow the proposed recycled water users to use potable water or surface water during the above-described interim period. Once the Reuse Facility becomes operational and the necessary infrastructure is in place, the identified Phase 1 recycled water users should be served with recycled water.

9.2 Phase 2

Development within the Southeast Urban Center is expected to continue after the Reuse Facility becomes operational. As a result, additional recycled water demand, in addition to the 2.6 MGD of the Phase 1 demand previously described, will occur as new areas within the Southeast Urban Center are developed.

It is estimated that the entire Southeast Urban Center will be built-out prior to the construction and start-up of Phase 2 of the Reuse Facility. The portions of the Southeast Urban Center that are expected to be developed after 2008 include recycled water use areas that are included as part of the identified Phase 2 use areas. These Phase 2 use areas will create additional recycled water demand beyond the Phase 1 supply capacity of the Reuse Facility. As a result, the Phase 2 users within the Southeast Urban Center must be served with an alternate source of water for irrigation purposes (i.e. potable water, surface water, etc.). Once Phase 2 of the Reuse Facility becomes operational and sufficient influent exists, the Phase 2 recycled water use areas within the Southeast Urban Center may begin to use recycled water.

9.3 Phase 3

The Phase 3 recycled water use areas contain no additional use areas within the Southeast Urban Center not previously included in Phase 1 or Phase 2.

10.1 References

- California Department of Health Services. 2001. *California Health Laws Related to Recycled Water ("The Purple Book") – Excerpts from the Health and Safety Code, Water Code, and Titles 22 and 17 of the California Code of Regulations*. June.
- California Department of Health Services. 2003. *Treatment Technology Report for Recycled Water*. State of California – Health and Human Services Agency, Department of Health Services, Division of Drinking Water and Environmental Management, Technical Operations Section, Recycled Water Unit. November.
- California Recycled Water Task Force, 2003. *Water Recycling 2030*. June.
- City of Clovis, 2005. *City of Clovis Sewage Treatment / Water Reuse Facility Program Administrative Draft Environmental Impact Report*. March.
- Cooperative Extension of the University of California, Division of Agriculture and Natural Resources. Undated. *Determining Daily Reference Evapotranspiration (ET_o) (Leaflet 21426)*.
- Cooperative Extension of the University of California, Division of Agriculture and Natural Resources. Undated. *Using Reference Evapotranspiration (ET_o) and Crop Coefficients to Estimate Crop Evapotranspiration (Etc) for Agronomic Crops, Grasses, and Vegetable Crops (Leaflet 21427)*
- Cooperative Extension of the University of California, Division of Agriculture and Natural Resources. Undated. *Using Reference Evapotranspiration (ET_o) and Crop Coefficients to Estimate Crop Evapotranspiration (Etc) for Trees and Vines (Leaflet 21428)*
- Red Oak Consulting, 2004. *Engineering Report for the Production, Distribution, and Use of Recycled Water*. September.
- Water Management Committee of The Irrigation Association. 2004. *Landscape Irrigation Scheduling and Water Management*. August.

Appendix A

California Code of Regulations, Title 17, Table 2-1 Backflow Prevention Requirements

7604. Type of protection required.

The type of protection that shall be provided to prevent backflow into the public water supply shall be commensurate with the degree of hazard that exists on the consumer's premises. The type of protective device that may be required (listed in an increasing level of protection) includes: Double check Valve Assembly--(DC), Reduced Pressure Principle Backflow Prevention Device--(RP) and an Air gap Separation--(AG). The water user may choose a higher level of protection than required by the water supplier. The minimum types of backflow protection required to protect the public water supply, at the water user's connection to premises with various degrees of hazard, are given in Table 1. Situations not covered in Table 1 shall be evaluated on a case-by-case basis and the appropriate backflow protection shall be determined by the water supplier or health agency.

TABLE 1
TYPE OF BACKFLOW PROTECTION REQUIRED

Degree of Hazard	Minimum Type of Backflow Prevention
(a) Sewage and Hazardous Substances	
(1) Premises where there are waste water pumping and/or treatment plants and there is no interconnection with the potable water system. This does not include a single-family residence that has a sewage lift pump. A RP be provided in lieu of an AG if approved by the health agency and water supplier.	AG
(2) Premises where hazardous substances are handled in any manner in which the substances may enter the potable water system. This does not include a single-family residence that has a sewage lift pump. A RP may be provided in lieu of an AG if approved by the health agency and water supplier.	AG
(3) Premises where there are irrigation systems into which fertilizers, herbicides, or pesticides are, or can be, injected.	RP
(b) Auxiliary Water Supplies	
(1) Premises where there is an unapproved auxiliary water supply which is interconnected with the public water system. A RP or DC may be provided in lieu of an AG if approved by the health agency and water supplier.	AG
(2) Premises where there is an unapproved auxiliary RP water supply and there are no interconnections with the public water system. A DC may be provided in lieu of a RP if approved by the health agency and water supplier.	RP

(c) Recycled water

- | | |
|--|----|
| (1) Premises where the public water system is used to supplement the recycled water supply. | AG |
| (2) Premises where recycled water is used, other than as allowed in paragraph (3), and there is no interconnection with the potable water system. | RP |
| (3) Residences using recycled water for landscape irrigation as part of an approved dual plumbed use area established pursuant to sections 60313 through 60316 unless the recycled water supplier obtains approval of the local public water supplier, or the Department if the water supplier is also the supplier of the recycled water, to utilize an alternative backflow protection plan that includes an annual inspection and annual shutdown test of the recycled water and potable water systems pursuant to subsection 60316(a). | DC |

(d) Fire Protection Systems

- | | |
|--|----|
| (1) Premises where the fire system is directly supplied from the public water system and there is an unapproved auxiliary water supply on or to the premises (not interconnected). | DC |
| (2) Premises where the fire system is supplied from the public water system and interconnected with an unapproved auxiliary water supply. A RP may be provided in lieu of an AG if approved by the health agency and water supplier. | AG |
| (3) Premises where the fire system is supplied from the public water system and where either elevated storage tanks or fire pumps which take suction from private reservoirs or tanks are used. | DC |
| (4) Premises where the fire system is supplied from the public water system and where recycled water is used in a separate piping system within the same building. | DC |

(e) Dockside Watering Points and Marine Facilities

- | | |
|--|----|
| (1) Pier hydrants for supplying water to vessels for any purpose. | RP |
| (2) Premises where there are marine facilities. | RP |
| (f) Premises where entry is restricted so that inspections for cross-connections cannot be made with sufficient frequency or at sufficiently short notice to assure that do not exist. | RP |
| (g) Premises where there is a repeated history of cross-connections being established or re-established. | RP |

Section 7605. Testing and maintenance of backflow preventers

- (a) The water supplier shall assure that adequate maintenance and periodic testing are provided by the water user to ensure their proper operation.
- (b) Backflow preventers shall be tested by persons who have demonstrated their competency in testing of these devices to the water supplier or health agency.
- (c) Backflow preventers shall be tested at least annually or more frequently if determined to be necessary by the health agency or water supplier. When devices are found to be defective, they shall be repaired or replaced in accordance with the provisions of this Chapter.
- (d) Backflow preventers shall be tested immediately after they are installed, relocated or repaired and not placed in service unless they are functioning as required.
- (e) The water supplier shall notify the water user when testing of backflow preventers is needed. The notice shall contain the date when the test must be completed.
- (f) Reports of testing and maintenance shall be maintained by the water supplier for a minimum of three years.

* * * * *

Appendix B

Recycled Water Demand Calculations For Phases 1, 2 & 3

TABLE 1A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JANUARY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Jan Eto (in/mo)	Landscape Coefficient	Jan Effective Rainfall (in/mo)	Jan Demand (gal/mo)	Jan Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	0.98	0.6	0.99	0	0.00
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	0.98	0.6	0.99	0	0.00
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	0.98	0.6	0.99	0	0.00
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	0.98	0.6	0.99	0	0.00
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	0.98	0.6	0.99	0	0.00
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	0.98	0.6	0.99	0	0.00
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	0.98	0.6	0.99	0	0.00
8	FUTURE PARK SITE	R 20	762,879	90	68.5	0.98	0.6	0.99	0	0.00
9	FUTURE PARK SITE	R 26	293,586	90	68.5	0.98	0.6	0.99	0	0.00
10	EXISTING PARK SITE	R 33	170,649	90	68.5	0.98	0.6	0.99	0	0.00
11	EXISTING PARK SITE	R 40	143,836	90	68.5	0.98	0.6	0.99	0	0.00
12	FUTURE SCHOOL	S 23	822,513	67	68.5	0.98	0.6	0.99	0	0.00
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	0.98	0.6	0.99	0	0.00
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	0.98	0.6	0.99	0	0.00
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	0.98	0.6	0.99	0	0.00
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	0.98	0.6	0.99	0	0.00
17	FUTURE SCHOOL	S 19	763,485	67	68.5	0.98	0.6	0.99	0	0.00
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	0.98	0.6	0.99	0	0.00
19	TOTAL DEMAND								0	0

TABLE 2A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF FEBRUARY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Feb Eto (in/mo)	Landscape Coefficient	Feb Effective Rainfall (in/mo)	Feb Demand (gal/mo)	Feb Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	1.54	0.6	0.86	4,168	0.10
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	1.54	0.6	0.86	145,495	3.37
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	1.54	0.6	0.86	52,350	1.21
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	1.54	0.6	0.86	214,836	4.97
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	1.54	0.6	0.86	2,309	0.05
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	1.54	0.6	0.86	9,811	0.23
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	1.54	0.6	0.86	4,991	0.12
8	FUTURE PARK SITE	R 20	762,879	90	68.5	1.54	0.6	0.86	37,492	0.87
9	FUTURE PARK SITE	R 26	293,586	90	68.5	1.54	0.6	0.86	14,429	0.33
10	EXISTING PARK SITE	R 33	170,649	90	68.5	1.54	0.6	0.86	8,387	0.19
11	EXISTING PARK SITE	R 40	143,836	90	68.5	1.54	0.6	0.86	7,069	0.16
12	FUTURE SCHOOL	S 23	822,513	67	68.5	1.54	0.6	0.86	30,093	0.70
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	1.54	0.6	0.86	28,725	0.66
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	1.54	0.6	0.86	23,796	0.55
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	1.54	0.6	0.86	20,713	0.48
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	1.54	0.6	0.86	174,953	4.05
17	FUTURE SCHOOL	S 19	763,485	67	68.5	1.54	0.6	0.86	27,933	0.65
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	1.54	0.6	0.86	87,743	2.03
19	TOTAL DEMAND								895,291	21

TABLE 3A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF MARCH

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	March Eto (in/mo)	Landscape Coefficient	March Effective Rainfall (in/mo)	March Demand (gal/mo)	March Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	3.17	0.6	0.86	72,422	1.68
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	3.17	0.6	0.86	2,527,975	58.52
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	3.17	0.6	0.86	909,573	21.05
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	3.17	0.6	0.86	3,732,770	86.41
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	3.17	0.6	0.86	40,125	0.93
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	3.17	0.6	0.86	170,457	3.95
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	3.17	0.6	0.86	86,716	2.01
8	FUTURE PARK SITE	R 20	762,879	90	68.5	3.17	0.6	0.86	651,429	15.08
9	FUTURE PARK SITE	R 26	293,586	90	68.5	3.17	0.6	0.86	250,696	5.80
10	EXISTING PARK SITE	R 33	170,649	90	68.5	3.17	0.6	0.86	145,719	3.37
11	EXISTING PARK SITE	R 40	143,836	90	68.5	3.17	0.6	0.86	122,823	2.84
12	FUTURE SCHOOL	S 23	822,513	67	68.5	3.17	0.6	0.86	522,861	12.10
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	3.17	0.6	0.86	499,099	11.55
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	3.17	0.6	0.86	413,454	9.57
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	3.17	0.6	0.86	359,881	8.33
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	3.17	0.6	0.86	3,039,805	70.37
17	FUTURE SCHOOL	S 19	763,485	67	68.5	3.17	0.6	0.86	485,338	11.23
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	3.17	0.6	0.86	1,524,540	35.29
19	TOTAL DEMAND								15,555,682	360

TABLE 4A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF APRIL

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	April Eto (in/mo)	Landscape Coefficient	April Effective Rainfall (in/mo)	April Demand (gal/mo)	April Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	4.84	0.6	0.45	170,790	3.95
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	4.84	0.6	0.45	5,961,656	138.00
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	4.84	0.6	0.45	2,145,022	49.65
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	4.84	0.6	0.45	8,802,891	203.77
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	4.84	0.6	0.45	94,625	2.19
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	4.84	0.6	0.45	401,985	9.31
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	4.84	0.6	0.45	204,500	4.73
8	FUTURE PARK SITE	R 20	762,879	90	68.5	4.84	0.6	0.45	1,536,248	35.56
9	FUTURE PARK SITE	R 26	293,586	90	68.5	4.84	0.6	0.45	591,209	13.69
10	EXISTING PARK SITE	R 33	170,649	90	68.5	4.84	0.6	0.45	343,645	7.95
11	EXISTING PARK SITE	R 40	143,836	90	68.5	4.84	0.6	0.45	289,651	6.70
12	FUTURE SCHOOL	S 23	822,513	67	68.5	4.84	0.6	0.45	1,233,050	28.54
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	4.84	0.6	0.45	1,177,011	27.25
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	4.84	0.6	0.45	975,036	22.57
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	4.84	0.6	0.45	848,698	19.65
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	4.84	0.6	0.45	7,168,691	165.94
17	FUTURE SCHOOL	S 19	763,485	67	68.5	4.84	0.6	0.45	1,144,559	26.49
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	4.84	0.6	0.45	3,595,283	83.22
19	TOTAL DEMAND								36,684,550	849

TABLE 5A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF MAY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	May Eto (in/mo)	Landscape Coefficient	May Effective Rainfall (in/mo)	May Demand (gal/mo)	May Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	6.35	0.6	0.16	253,737	5.87
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	6.35	0.6	0.16	8,857,005	205.02
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	6.35	0.6	0.16	3,186,777	73.77
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	6.35	0.6	0.16	13,078,121	302.73
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	6.35	0.6	0.16	140,580	3.25
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	6.35	0.6	0.16	597,214	13.82
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	6.35	0.6	0.16	303,818	7.03
8	FUTURE PARK SITE	R 20	762,879	90	68.5	6.35	0.6	0.16	2,282,345	52.83
9	FUTURE PARK SITE	R 26	293,586	90	68.5	6.35	0.6	0.16	878,336	20.33
10	EXISTING PARK SITE	R 33	170,649	90	68.5	6.35	0.6	0.16	510,540	11.82
11	EXISTING PARK SITE	R 40	143,836	90	68.5	6.35	0.6	0.16	430,323	9.96
12	FUTURE SCHOOL	S 23	822,513	67	68.5	6.35	0.6	0.16	1,831,895	42.40
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	6.35	0.6	0.16	1,748,640	40.48
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	6.35	0.6	0.16	1,448,575	33.53
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	6.35	0.6	0.16	1,260,879	29.19
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	6.35	0.6	0.16	10,650,251	246.53
17	FUTURE SCHOOL	S 19	763,485	67	68.5	6.35	0.6	0.16	1,700,427	39.36
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	6.35	0.6	0.16	5,341,376	123.64
19	TOTAL DEMAND								54,500,842	1,262

TABLE 6A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JUNE

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	June Eto (in/mo)	Landscape Coefficient	June Effective Rainfall (in/mo)	June Demand (gal/mo)	June Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	7.74	0.6	0.00	322,615	7.47
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	7.74	0.6	0.00	11,261,310	260.68
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	7.74	0.6	0.00	4,051,853	93.79
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	7.74	0.6	0.00	16,628,280	384.91
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	7.74	0.6	0.00	178,742	4.14
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	7.74	0.6	0.00	759,333	17.58
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	7.74	0.6	0.00	386,292	8.94
8	FUTURE PARK SITE	R 20	762,879	90	68.5	7.74	0.6	0.00	2,901,906	67.17
9	FUTURE PARK SITE	R 26	293,586	90	68.5	7.74	0.6	0.00	1,116,767	25.85
10	EXISTING PARK SITE	R 33	170,649	90	68.5	7.74	0.6	0.00	649,131	15.03
11	EXISTING PARK SITE	R 40	143,836	90	68.5	7.74	0.6	0.00	547,138	12.67
12	FUTURE SCHOOL	S 23	822,513	67	68.5	7.74	0.6	0.00	2,329,177	53.92
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	7.74	0.6	0.00	2,223,323	51.47
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	7.74	0.6	0.00	1,841,802	42.63
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	7.74	0.6	0.00	1,603,155	37.11
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	7.74	0.6	0.00	13,541,346	313.46
17	FUTURE SCHOOL	S 19	763,485	67	68.5	7.74	0.6	0.00	2,162,022	50.05
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	7.74	0.6	0.00	6,791,334	157.21
19	TOTAL DEMAND								69,295,526	1,604

TABLE 7A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JULY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	July Eto (in/mo)	Landscape Coefficient	July Effective Rainfall (in/mo)	July Demand (gal/mo)	July Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	8.54	0.6	0.00	355,961	8.24
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	8.54	0.6	0.00	12,425,269	287.62
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	8.54	0.6	0.00	4,470,649	103.49
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	8.54	0.6	0.00	18,346,965	424.70
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	8.54	0.6	0.00	197,217	4.57
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	8.54	0.6	0.00	837,817	19.39
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	8.54	0.6	0.00	426,219	9.87
8	FUTURE PARK SITE	R 20	762,879	90	68.5	8.54	0.6	0.00	3,201,844	74.12
9	FUTURE PARK SITE	R 26	293,586	90	68.5	8.54	0.6	0.00	1,232,196	28.52
10	EXISTING PARK SITE	R 33	170,649	90	68.5	8.54	0.6	0.00	716,224	16.58
11	EXISTING PARK SITE	R 40	143,836	90	68.5	8.54	0.6	0.00	603,689	13.97
12	FUTURE SCHOOL	S 23	822,513	67	68.5	8.54	0.6	0.00	2,569,919	59.49
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	8.54	0.6	0.00	2,453,123	56.79
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	8.54	0.6	0.00	2,032,169	47.04
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	8.54	0.6	0.00	1,768,855	40.95
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	8.54	0.6	0.00	14,940,969	345.86
17	FUTURE SCHOOL	S 19	763,485	67	68.5	8.54	0.6	0.00	2,385,487	55.22
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	8.54	0.6	0.00	7,493,281	173.46
19	TOTAL DEMAND								76,457,854	1,770

TABLE 8A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF AUGUST

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	August Eto (in/mo)	Landscape Coefficient	August Effective Rainfall (in/mo)	August Demand (gal/mo)	August Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	7.32	0.6	0.00	305,109	7.06
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	7.32	0.6	0.00	10,650,231	246.53
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	7.32	0.6	0.00	3,831,985	88.70
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	7.32	0.6	0.00	15,725,970	364.03
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	7.32	0.6	0.00	169,043	3.91
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	7.32	0.6	0.00	718,129	16.62
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	7.32	0.6	0.00	365,331	8.46
8	FUTURE PARK SITE	R 20	762,879	90	68.5	7.32	0.6	0.00	2,744,438	63.53
9	FUTURE PARK SITE	R 26	293,586	90	68.5	7.32	0.6	0.00	1,056,168	24.45
10	EXISTING PARK SITE	R 33	170,649	90	68.5	7.32	0.6	0.00	613,907	14.21
11	EXISTING PARK SITE	R 40	143,836	90	68.5	7.32	0.6	0.00	517,448	11.98
12	FUTURE SCHOOL	S 23	822,513	67	68.5	7.32	0.6	0.00	2,202,788	50.99
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	7.32	0.6	0.00	2,102,677	48.67
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	7.32	0.6	0.00	1,741,859	40.32
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	7.32	0.6	0.00	1,516,162	35.10
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	7.32	0.6	0.00	12,806,545	296.45
17	FUTURE SCHOOL	S 19	763,485	67	68.5	7.32	0.6	0.00	2,044,703	47.33
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	7.32	0.6	0.00	6,422,812	148.68
19	TOTAL DEMAND								65,535,304	1,517

TABLE 9A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF SEPTEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Sept Eto (in/mo)	Landscape Coefficient	September Effective Rainfall (in/mo)	September Demand (gal/mo)	September Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	5.31	0.6	0.08	215,702	4.99
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	5.31	0.6	0.08	7,529,364	174.29
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	5.31	0.6	0.08	2,709,088	62.71
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	5.31	0.6	0.08	11,117,745	257.36
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	5.31	0.6	0.08	119,508	2.77
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	5.31	0.6	0.08	507,693	11.75
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	5.31	0.6	0.08	258,277	5.98
8	FUTURE PARK SITE	R 20	762,879	90	68.5	5.31	0.6	0.08	1,940,228	44.91
9	FUTURE PARK SITE	R 26	293,586	90	68.5	5.31	0.6	0.08	746,676	17.28
10	EXISTING PARK SITE	R 33	170,649	90	68.5	5.31	0.6	0.08	434,012	10.05
11	EXISTING PARK SITE	R 40	143,836	90	68.5	5.31	0.6	0.08	365,819	8.47
12	FUTURE SCHOOL	S 23	822,513	67	68.5	5.31	0.6	0.08	1,557,299	36.05
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	5.31	0.6	0.08	1,486,524	34.41
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	5.31	0.6	0.08	1,231,437	28.51
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	5.31	0.6	0.08	1,071,877	24.81
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	5.31	0.6	0.08	9,053,807	209.58
17	FUTURE SCHOOL	S 19	763,485	67	68.5	5.31	0.6	0.08	1,445,538	33.46
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	5.31	0.6	0.08	4,540,718	105.11
19	TOTAL DEMAND								46,331,311	1,072

TABLE 10A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF OCTOBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Oct Eto (in/mo)	Landscape Coefficient	Oct Effective Rainfall (in/mo)	Oct Demand (gal/mo)	Oct Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	3.42	0.6	0.23	126,608	2.93
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	3.42	0.6	0.23	4,419,409	102.30
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	3.42	0.6	0.23	1,590,117	36.81
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	3.42	0.6	0.23	6,525,633	151.06
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	3.42	0.6	0.23	70,146	1.62
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	3.42	0.6	0.23	297,994	6.90
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	3.42	0.6	0.23	151,597	3.51
8	FUTURE PARK SITE	R 20	762,879	90	68.5	3.42	0.6	0.23	1,138,829	26.36
9	FUTURE PARK SITE	R 26	293,586	90	68.5	3.42	0.6	0.23	438,266	10.15
10	EXISTING PARK SITE	R 33	170,649	90	68.5	3.42	0.6	0.23	254,746	5.90
11	EXISTING PARK SITE	R 40	143,836	90	68.5	3.42	0.6	0.23	214,720	4.97
12	FUTURE SCHOOL	S 23	822,513	67	68.5	3.42	0.6	0.23	914,067	21.16
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	3.42	0.6	0.23	872,525	20.20
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	3.42	0.6	0.23	722,800	16.73
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	3.42	0.6	0.23	629,145	14.56
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	3.42	0.6	0.23	5,314,191	123.01
17	FUTURE SCHOOL	S 19	763,485	67	68.5	3.42	0.6	0.23	848,468	19.64
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	3.42	0.6	0.23	2,665,204	61.69
19	TOTAL DEMAND								27,194,465	630

TABLE 11A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF NOVEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Nov Eto (in/mo)	Landscape Coefficient	Nov Effective Rainfall (in/mo)	Nov Demand (gal/mo)	Nov Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	1.42	0.6	0.54	21,362	0.49
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	1.42	0.6	0.54	745,662	17.26
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	1.42	0.6	0.54	268,291	6.21
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	1.42	0.6	0.54	1,101,033	25.49
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	1.42	0.6	0.54	11,835	0.27
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	1.42	0.6	0.54	50,279	1.16
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	1.42	0.6	0.54	25,578	0.59
8	FUTURE PARK SITE	R 20	762,879	90	68.5	1.42	0.6	0.54	192,148	4.45
9	FUTURE PARK SITE	R 26	293,586	90	68.5	1.42	0.6	0.54	73,946	1.71
10	EXISTING PARK SITE	R 33	170,649	90	68.5	1.42	0.6	0.54	42,982	0.99
11	EXISTING PARK SITE	R 40	143,836	90	68.5	1.42	0.6	0.54	36,228	0.84
12	FUTURE SCHOOL	S 23	822,513	67	68.5	1.42	0.6	0.54	154,225	3.57
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	1.42	0.6	0.54	147,216	3.41
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	1.42	0.6	0.54	121,954	2.82
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	1.42	0.6	0.54	106,152	2.46
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	1.42	0.6	0.54	896,633	20.76
17	FUTURE SCHOOL	S 19	763,485	67	68.5	1.42	0.6	0.54	143,157	3.31
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	1.42	0.6	0.54	449,685	10.41
19	TOTAL DEMAND								4,588,367	106

TABLE 12A: PHASE 1 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF DECEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Dec Eto (in/mo)	Landscape Coefficient	Dec Effective Rainfall (in/mo)	Dec Demand (gal/mo)	Dec Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	0.73	0.6	0.68	0	0.00
2	STATE ROUTE 168	F 5	6,661,068	40	68.5	0.73	0.6	0.68	0	0.00
3	STATE ROUTE 168	F 4	2,396,672	40	68.5	0.73	0.6	0.68	0	0.00
4	SE URBAN CTR MEDIANS & PARKWAYS (33%)	U 1	10,423,246	100	59.9	0.73	0.6	0.68	0	0.00
5	PUBLIC FACILITIES	P 3	184,870	20	59.9	0.73	0.6	0.68	0	0.00
6	PUBLIC FACILITIES	P 5	785,365	20	59.9	0.73	0.6	0.68	0	0.00
7	PUBLIC FACILITIES	P 18	399,536	20	59.9	0.73	0.6	0.68	0	0.00
8	FUTURE PARK SITE	R 20	762,879	90	68.5	0.73	0.6	0.68	0	0.00
9	FUTURE PARK SITE	R 26	293,586	90	68.5	0.73	0.6	0.68	0	0.00
10	EXISTING PARK SITE	R 33	170,649	90	68.5	0.73	0.6	0.68	0	0.00
11	EXISTING PARK SITE	R 40	143,836	90	68.5	0.73	0.6	0.68	0	0.00
12	FUTURE SCHOOL	S 23	822,513	67	68.5	0.73	0.6	0.68	0	0.00
13	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	0.73	0.6	0.68	0	0.00
14	RED BANK ELEMENTARY	S 11	650,404	67	68.5	0.73	0.6	0.68	0	0.00
15	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	0.73	0.6	0.68	0	0.00
16	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	0.73	0.6	0.68	0	0.00
17	FUTURE SCHOOL	S 19	763,485	67	68.5	0.73	0.6	0.68	0	0.00
18	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	0.73	0.6	0.68	0	0.00
19	TOTAL DEMAND								0	0

TABLE 1B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JANUARY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Jan Eto (in/mo)	Landscape Coefficient	Jan Effective Rainfall (in/mo)	Jan Demand (gal/mo)	Jan Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	0.98	0.6	0.99	0	0.00
2	COMMERCIAL	C 27	1,048,275	10	59.9	0.98	0.6	0.99	0	0.00
3	COMMERCIAL	C 32	406,602	10	59.9	0.98	0.6	0.99	0	0.00
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	0.98	0.6	0.99	0	0.00
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	0.98	0.6	0.99	0	0.00
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	0.98	0.6	0.99	0	0.00
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	0.98	0.6	0.99	0	0.00
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	0.98	0.6	0.99	0	0.00
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	0.98	0.6	0.99	0	0.00
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	0.98	0.6	0.99	0	0.00
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	0.98	0.6	0.99	0	0.00
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	0.98	0.6	0.99	0	0.00
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	0.98	0.6	0.99	0	0.00
14	FUTURE PARK SITE	R 20	762,879	90	68.5	0.98	0.6	0.99	0	0.00
15	FUTURE PARK SITE	R 23	59,870	90	68.5	0.98	0.6	0.99	0	0.00
16	FUTURE PARK SITE	R 24	509,254	90	68.5	0.98	0.6	0.99	0	0.00
17	FUTURE PARK SITE	R 25	337,952	90	68.5	0.98	0.6	0.99	0	0.00
18	FUTURE PARK SITE	R 26	293,586	90	68.5	0.98	0.6	0.99	0	0.00
19	FUTURE PARK SITE	R 27	268,762	90	68.5	0.98	0.6	0.99	0	0.00
20	FUTURE PARK SITE	R 28	212,540	90	68.5	0.98	0.6	0.99	0	0.00
21	FUTURE PARK SITE	R 29	219,262	90	68.5	0.98	0.6	0.99	0	0.00
22	EXISTING PARK SITE	R 33	170,649	90	68.5	0.98	0.6	0.99	0	0.00
23	EXISTING PARK SITE	R 40	143,836	90	68.5	0.98	0.6	0.99	0	0.00
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	0.98	0.6	0.99	0	0.00
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	0.98	0.6	0.99	0	0.00
26	COLE	R 68	207,420	90	68.5	0.98	0.6	0.99	0	0.00
27	FUTURE SCHOOL	S 23	822,513	67	68.5	0.98	0.6	0.99	0	0.00
28	FUTURE SCHOOL	S 2	650,040	67	68.5	0.98	0.6	0.99	0	0.00
29	FUTURE SCHOOL	S 4	653,730	67	68.5	0.98	0.6	0.99	0	0.00
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	0.98	0.6	0.99	0	0.00
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	0.98	0.6	0.99	0	0.00
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	0.98	0.6	0.99	0	0.00
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	0.98	0.6	0.99	0	0.00
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	0.98	0.6	0.99	0	0.00
35	COX ELEMENTARY	S 16	585,761	67	68.5	0.98	0.6	0.99	0	0.00
36	COLE ELEMENTARY	S 17	395,293	67	68.5	0.98	0.6	0.99	0	0.00
37	FUTURE SCHOOL	S 19	763,485	67	68.5	0.98	0.6	0.99	0	0.00
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	0.98	0.6	0.99	0	0.00
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	0.98	VARIES	0.99	0	0.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	2.16	0	0
41	TOTAL DEMAND								0	0

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 2B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF FEBRUARY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Feb Eto (in/mo)	Landscape Coefficient	Feb Effective Rainfall (in/mo)	Feb Demand (gal/mo)	Feb Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	1.54	0.6	0.86	4,168	0.10
2	COMMERCIAL	C 27	1,048,275	10	59.9	1.54	0.6	0.86	6,547	0.15
3	COMMERCIAL	C 32	406,602	10	59.9	1.54	0.6	0.86	2,540	0.06
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	1.54	0.6	0.86	145,495	3.37
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	1.54	0.6	0.86	52,350	1.21
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	1.54	0.6	0.86	65,430	1.51
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	1.54	0.6	0.86	54,668	1.27
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	1.54	0.6	0.86	651,017	15.07
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	1.54	0.6	0.86	2,309	0.05
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	1.54	0.6	0.86	2,316	0.05
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	1.54	0.6	0.86	9,811	0.23
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	1.54	0.6	0.86	70,496	1.63
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	1.54	0.6	0.86	4,991	0.12
14	FUTURE PARK SITE	R 20	762,879	90	68.5	1.54	0.6	0.86	37,492	0.87
15	FUTURE PARK SITE	R 23	59,870	90	68.5	1.54	0.6	0.86	2,942	0.07
16	FUTURE PARK SITE	R 24	509,254	90	68.5	1.54	0.6	0.86	25,028	0.58
17	FUTURE PARK SITE	R 25	337,952	90	68.5	1.54	0.6	0.86	16,609	0.38
18	FUTURE PARK SITE	R 26	293,586	90	68.5	1.54	0.6	0.86	14,429	0.33
19	FUTURE PARK SITE	R 27	268,762	90	68.5	1.54	0.6	0.86	13,209	0.31
20	FUTURE PARK SITE	R 28	212,540	90	68.5	1.54	0.6	0.86	10,445	0.24
21	FUTURE PARK SITE	R 29	219,262	90	68.5	1.54	0.6	0.86	10,776	0.25
22	EXISTING PARK SITE	R 33	170,649	90	68.5	1.54	0.6	0.86	8,387	0.19
23	EXISTING PARK SITE	R 40	143,836	90	68.5	1.54	0.6	0.86	7,069	0.16
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	1.54	0.6	0.86	37,875	0.88
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	1.54	0.6	0.86	2,548	0.06
26	COLE	R 68	207,420	90	68.5	1.54	0.6	0.86	10,194	0.24
27	FUTURE SCHOOL	S 23	822,513	67	68.5	1.54	0.6	0.86	30,093	0.70
28	FUTURE SCHOOL	S 2	650,040	67	68.5	1.54	0.6	0.86	23,783	0.55
29	FUTURE SCHOOL	S 4	653,730	67	68.5	1.54	0.6	0.86	23,918	0.55
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	1.54	0.6	0.86	28,725	0.66
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	1.54	0.6	0.86	18,511	0.43
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	1.54	0.6	0.86	23,796	0.55
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	1.54	0.6	0.86	20,713	0.48
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	1.54	0.6	0.86	174,953	4.05
35	COX ELEMENTARY	S 16	585,761	67	68.5	1.54	0.6	0.86	21,431	0.50
36	COLE ELEMENTARY	S 17	395,293	67	68.5	1.54	0.6	0.86	14,462	0.33
37	FUTURE SCHOOL	S 19	763,485	67	68.5	1.54	0.6	0.86	27,933	0.65
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	1.54	0.6	0.86	87,743	2.03
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	1.54	VARIES	0.86	216,000	5.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	1.92	0	0
41	TOTAL DEMAND								1,981,199	46

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 3B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF MARCH

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	March Eto (in/mo)	Landscape Coefficient	March Effective Rainfall (in/mo)	March Demand (gal/mo)	March Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	3.17	0.6	0.86	72,422	1.68
2	COMMERCIAL	C 27	1,048,275	10	59.9	3.17	0.6	0.86	113,760	2.63
3	COMMERCIAL	C 32	406,602	10	59.9	3.17	0.6	0.86	44,125	1.02
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	3.17	0.6	0.86	2,527,975	58.52
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	3.17	0.6	0.86	909,573	21.05
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	3.17	0.6	0.86	1,136,847	26.32
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	3.17	0.6	0.86	949,861	21.99
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	3.17	0.6	0.86	11,311,423	261.84
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	3.17	0.6	0.86	40,125	0.93
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	3.17	0.6	0.86	40,233	0.93
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	3.17	0.6	0.86	170,457	3.95
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	3.17	0.6	0.86	1,224,861	28.35
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	3.17	0.6	0.86	86,716	2.01
14	FUTURE PARK SITE	R 20	762,879	90	68.5	3.17	0.6	0.86	651,429	15.08
15	FUTURE PARK SITE	R 23	59,870	90	68.5	3.17	0.6	0.86	51,123	1.18
16	FUTURE PARK SITE	R 24	509,254	90	68.5	3.17	0.6	0.86	434,857	10.07
17	FUTURE PARK SITE	R 25	337,952	90	68.5	3.17	0.6	0.86	288,580	6.68
18	FUTURE PARK SITE	R 26	293,586	90	68.5	3.17	0.6	0.86	250,696	5.80
19	FUTURE PARK SITE	R 27	268,762	90	68.5	3.17	0.6	0.86	229,498	5.31
20	FUTURE PARK SITE	R 28	212,540	90	68.5	3.17	0.6	0.86	181,489	4.20
21	FUTURE PARK SITE	R 29	219,262	90	68.5	3.17	0.6	0.86	187,229	4.33
22	EXISTING PARK SITE	R 33	170,649	90	68.5	3.17	0.6	0.86	145,719	3.37
23	EXISTING PARK SITE	R 40	143,836	90	68.5	3.17	0.6	0.86	122,823	2.84
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	3.17	0.6	0.86	658,077	15.23
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	3.17	0.6	0.86	44,279	1.02
26	COLE	R 68	207,420	90	68.5	3.17	0.6	0.86	177,117	4.10
27	FUTURE SCHOOL	S 23	822,513	67	68.5	3.17	0.6	0.86	522,861	12.10
28	FUTURE SCHOOL	S 2	650,040	67	68.5	3.17	0.6	0.86	413,222	9.57
29	FUTURE SCHOOL	S 4	653,730	67	68.5	3.17	0.6	0.86	415,568	9.62
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	3.17	0.6	0.86	499,099	11.55
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	3.17	0.6	0.86	321,634	7.45
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	3.17	0.6	0.86	413,454	9.57
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	3.17	0.6	0.86	359,881	8.33
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	3.17	0.6	0.86	3,039,805	70.37
35	COX ELEMENTARY	S 16	585,761	67	68.5	3.17	0.6	0.86	372,361	8.62
36	COLE ELEMENTARY	S 17	395,293	67	68.5	3.17	0.6	0.86	251,283	5.82
37	FUTURE SCHOOL	S 19	763,485	67	68.5	3.17	0.6	0.86	485,338	11.23
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	3.17	0.6	0.86	1,524,540	35.29
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	3.17	VARIES	0.86	864,000	20.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.86	993,600	23
41	TOTAL DEMAND								31,534,341	753

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 4B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF APRIL

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	April Eto (in/mo)	Landscape Coefficient	April Effective Rainfall (in/mo)	April Demand (gal/mo)	April Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	4.84	0.6	0.45	170,790	3.95
2	COMMERCIAL	C 27	1,048,275	10	59.9	4.84	0.6	0.45	268,277	6.21
3	COMMERCIAL	C 32	406,602	10	59.9	4.84	0.6	0.45	104,059	2.41
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	4.84	0.6	0.45	5,961,656	138.00
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	4.84	0.6	0.45	2,145,022	49.65
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	4.84	0.6	0.45	2,680,996	62.06
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	4.84	0.6	0.45	2,240,032	51.85
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	4.84	0.6	0.45	26,675,428	617.49
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	4.84	0.6	0.45	94,625	2.19
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	4.84	0.6	0.45	94,880	2.20
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	4.84	0.6	0.45	401,985	9.31
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	4.84	0.6	0.45	2,888,557	66.86
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	4.84	0.6	0.45	204,500	4.73
14	FUTURE PARK SITE	R 20	762,879	90	68.5	4.84	0.6	0.45	1,536,248	35.56
15	FUTURE PARK SITE	R 23	59,870	90	68.5	4.84	0.6	0.45	120,563	2.79
16	FUTURE PARK SITE	R 24	509,254	90	68.5	4.84	0.6	0.45	1,025,511	23.74
17	FUTURE PARK SITE	R 25	337,952	90	68.5	4.84	0.6	0.45	680,550	15.75
18	FUTURE PARK SITE	R 26	293,586	90	68.5	4.84	0.6	0.45	591,209	13.69
19	FUTURE PARK SITE	R 27	268,762	90	68.5	4.84	0.6	0.45	541,220	12.53
20	FUTURE PARK SITE	R 28	212,540	90	68.5	4.84	0.6	0.45	428,002	9.91
21	FUTURE PARK SITE	R 29	219,262	90	68.5	4.84	0.6	0.45	441,538	10.22
22	EXISTING PARK SITE	R 33	170,649	90	68.5	4.84	0.6	0.45	343,645	7.95
23	EXISTING PARK SITE	R 40	143,836	90	68.5	4.84	0.6	0.45	289,651	6.70
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	4.84	0.6	0.45	1,551,926	35.92
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	4.84	0.6	0.45	104,423	2.42
26	COLE	R 68	207,420	90	68.5	4.84	0.6	0.45	417,691	9.67
27	FUTURE SCHOOL	S 23	822,513	67	68.5	4.84	0.6	0.45	1,233,050	28.54
28	FUTURE SCHOOL	S 2	650,040	67	68.5	4.84	0.6	0.45	974,491	22.56
29	FUTURE SCHOOL	S 4	653,730	67	68.5	4.84	0.6	0.45	980,023	22.69
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	4.84	0.6	0.45	1,177,011	27.25
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	4.84	0.6	0.45	758,500	17.56
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	4.84	0.6	0.45	975,036	22.57
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	4.84	0.6	0.45	848,698	19.65
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	4.84	0.6	0.45	7,168,691	165.94
35	COX ELEMENTARY	S 16	585,761	67	68.5	4.84	0.6	0.45	878,129	20.33
36	COLE ELEMENTARY	S 17	395,293	67	68.5	4.84	0.6	0.45	592,594	13.72
37	FUTURE SCHOOL	S 19	763,485	67	68.5	4.84	0.6	0.45	1,144,559	26.49
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	4.84	0.6	0.45	3,595,283	83.22
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	4.84	VARIES	0.45	3,369,600	78.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.99	3,369,600	78
41	TOTAL DEMAND								75,698,648	1,830

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 5B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF MAY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	May Eto (in/mo)	Landscape Coefficient	May Effective Rainfall (in/mo)	May Demand (gal/mo)	May Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	6.35	0.6	0.16	253,737	5.87
2	COMMERCIAL	C 27	1,048,275	10	59.9	6.35	0.6	0.16	398,569	9.23
3	COMMERCIAL	C 32	406,602	10	59.9	6.35	0.6	0.16	154,596	3.58
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	6.35	0.6	0.16	8,857,005	205.02
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	6.35	0.6	0.16	3,186,777	73.77
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	6.35	0.6	0.16	3,983,054	92.20
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	6.35	0.6	0.16	3,327,930	77.04
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	6.35	0.6	0.16	39,630,669	917.38
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	6.35	0.6	0.16	140,580	3.25
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	6.35	0.6	0.16	140,959	3.26
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	6.35	0.6	0.16	597,214	13.82
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	6.35	0.6	0.16	4,291,420	99.34
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	6.35	0.6	0.16	303,818	7.03
14	FUTURE PARK SITE	R 20	762,879	90	68.5	6.35	0.6	0.16	2,282,345	52.83
15	FUTURE PARK SITE	R 23	59,870	90	68.5	6.35	0.6	0.16	179,116	4.15
16	FUTURE PARK SITE	R 24	509,254	90	68.5	6.35	0.6	0.16	1,523,562	35.27
17	FUTURE PARK SITE	R 25	337,952	90	68.5	6.35	0.6	0.16	1,011,068	23.40
18	FUTURE PARK SITE	R 26	293,586	90	68.5	6.35	0.6	0.16	878,336	20.33
19	FUTURE PARK SITE	R 27	268,762	90	68.5	6.35	0.6	0.16	804,070	18.61
20	FUTURE PARK SITE	R 28	212,540	90	68.5	6.35	0.6	0.16	635,866	14.72
21	FUTURE PARK SITE	R 29	219,262	90	68.5	6.35	0.6	0.16	655,976	15.18
22	EXISTING PARK SITE	R 33	170,649	90	68.5	6.35	0.6	0.16	510,540	11.82
23	EXISTING PARK SITE	R 40	143,836	90	68.5	6.35	0.6	0.16	430,323	9.96
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	6.35	0.6	0.16	2,305,637	53.37
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	6.35	0.6	0.16	155,137	3.59
26	COLE	R 68	207,420	90	68.5	6.35	0.6	0.16	620,548	14.36
27	FUTURE SCHOOL	S 23	822,513	67	68.5	6.35	0.6	0.16	1,831,895	42.40
28	FUTURE SCHOOL	S 2	650,040	67	68.5	6.35	0.6	0.16	1,447,764	33.51
29	FUTURE SCHOOL	S 4	653,730	67	68.5	6.35	0.6	0.16	1,455,983	33.70
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	6.35	0.6	0.16	1,748,640	40.48
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	6.35	0.6	0.16	1,126,874	26.09
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	6.35	0.6	0.16	1,448,575	33.53
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	6.35	0.6	0.16	1,260,879	29.19
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	6.35	0.6	0.16	10,650,251	246.53
35	COX ELEMENTARY	S 16	585,761	67	68.5	6.35	0.6	0.16	1,304,604	30.20
36	COLE ELEMENTARY	S 17	395,293	67	68.5	6.35	0.6	0.16	880,395	20.38
37	FUTURE SCHOOL	S 19	763,485	67	68.5	6.35	0.6	0.16	1,700,427	39.36
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	6.35	0.6	0.16	5,341,376	123.64
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	6.35	VARIES	0.16	6,264,000	145.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.35	6,004,800	139
41	TOTAL DEMAND								113,720,518	2,771

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 6B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JUNE

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	June Eto (in/mo)	Landscape Coefficient	June Effective Rainfall (in/mo)	June Demand (gal/mo)	June Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	7.74	0.6	0.00	322,615	7.47
2	COMMERCIAL	C 27	1,048,275	10	59.9	7.74	0.6	0.00	506,764	11.73
3	COMMERCIAL	C 32	406,602	10	59.9	7.74	0.6	0.00	196,562	4.55
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	7.74	0.6	0.00	11,261,310	260.68
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	7.74	0.6	0.00	4,051,853	93.79
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	7.74	0.6	0.00	5,064,285	117.23
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	7.74	0.6	0.00	4,231,323	97.95
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	7.74	0.6	0.00	50,388,727	1,166.41
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	7.74	0.6	0.00	178,742	4.14
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	7.74	0.6	0.00	179,224	4.15
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	7.74	0.6	0.00	759,333	17.58
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	7.74	0.6	0.00	5,456,360	126.30
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	7.74	0.6	0.00	386,292	8.94
14	FUTURE PARK SITE	R 20	762,879	90	68.5	7.74	0.6	0.00	2,901,906	67.17
15	FUTURE PARK SITE	R 23	59,870	90	68.5	7.74	0.6	0.00	227,738	5.27
16	FUTURE PARK SITE	R 24	509,254	90	68.5	7.74	0.6	0.00	1,937,145	44.84
17	FUTURE PARK SITE	R 25	337,952	90	68.5	7.74	0.6	0.00	1,285,530	29.76
18	FUTURE PARK SITE	R 26	293,586	90	68.5	7.74	0.6	0.00	1,116,767	25.85
19	FUTURE PARK SITE	R 27	268,762	90	68.5	7.74	0.6	0.00	1,022,342	23.67
20	FUTURE PARK SITE	R 28	212,540	90	68.5	7.74	0.6	0.00	808,477	18.71
21	FUTURE PARK SITE	R 29	219,262	90	68.5	7.74	0.6	0.00	834,046	19.31
22	EXISTING PARK SITE	R 33	170,649	90	68.5	7.74	0.6	0.00	649,131	15.03
23	EXISTING PARK SITE	R 40	143,836	90	68.5	7.74	0.6	0.00	547,138	12.67
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	7.74	0.6	0.00	2,931,521	67.86
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	7.74	0.6	0.00	197,250	4.57
26	COLE	R 68	207,420	90	68.5	7.74	0.6	0.00	789,001	18.26
27	FUTURE SCHOOL	S 23	822,513	67	68.5	7.74	0.6	0.00	2,329,177	53.92
28	FUTURE SCHOOL	S 2	650,040	67	68.5	7.74	0.6	0.00	1,840,771	42.61
29	FUTURE SCHOOL	S 4	653,730	67	68.5	7.74	0.6	0.00	1,851,222	42.85
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	7.74	0.6	0.00	2,223,323	51.47
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	7.74	0.6	0.00	1,432,773	33.17
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	7.74	0.6	0.00	1,841,802	42.63
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	7.74	0.6	0.00	1,603,155	37.11
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	7.74	0.6	0.00	13,541,346	313.46
35	COX ELEMENTARY	S 16	585,761	67	68.5	7.74	0.6	0.00	1,658,749	38.40
36	COLE ELEMENTARY	S 17	395,293	67	68.5	7.74	0.6	0.00	1,119,385	25.91
37	FUTURE SCHOOL	S 19	763,485	67	68.5	7.74	0.6	0.00	2,162,022	50.05
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	7.74	0.6	0.00	6,791,334	157.21
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	7.74	VARIES	0.00	7,905,600	183.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0	7,819,200	181.00
41	TOTAL DEMAND								144,532,039	3,527

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 7B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JULY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	July Eto (in/mo)	Landscape Coefficient	July Effective Rainfall (in/mo)	July Demand (gal/mo)	July Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	8.54	0.6	0.00	355,961	8.24
2	COMMERCIAL	C 27	1,048,275	10	59.9	8.54	0.6	0.00	559,142	12.94
3	COMMERCIAL	C 32	406,602	10	59.9	8.54	0.6	0.00	216,879	5.02
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	8.54	0.6	0.00	12,425,269	287.62
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	8.54	0.6	0.00	4,470,649	103.49
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	8.54	0.6	0.00	5,587,725	129.35
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	8.54	0.6	0.00	4,668,669	108.07
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	8.54	0.6	0.00	55,596,864	1,286.96
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	8.54	0.6	0.00	197,217	4.57
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	8.54	0.6	0.00	197,748	4.58
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	8.54	0.6	0.00	837,817	19.39
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	8.54	0.6	0.00	6,020,325	139.36
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	8.54	0.6	0.00	426,219	9.87
14	FUTURE PARK SITE	R 20	762,879	90	68.5	8.54	0.6	0.00	3,201,844	74.12
15	FUTURE PARK SITE	R 23	59,870	90	68.5	8.54	0.6	0.00	251,277	5.82
16	FUTURE PARK SITE	R 24	509,254	90	68.5	8.54	0.6	0.00	2,137,367	49.48
17	FUTURE PARK SITE	R 25	337,952	90	68.5	8.54	0.6	0.00	1,418,401	32.83
18	FUTURE PARK SITE	R 26	293,586	90	68.5	8.54	0.6	0.00	1,232,196	28.52
19	FUTURE PARK SITE	R 27	268,762	90	68.5	8.54	0.6	0.00	1,128,010	26.11
20	FUTURE PARK SITE	R 28	212,540	90	68.5	8.54	0.6	0.00	892,040	20.65
21	FUTURE PARK SITE	R 29	219,262	90	68.5	8.54	0.6	0.00	920,252	21.30
22	EXISTING PARK SITE	R 33	170,649	90	68.5	8.54	0.6	0.00	716,224	16.58
23	EXISTING PARK SITE	R 40	143,836	90	68.5	8.54	0.6	0.00	603,689	13.97
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	8.54	0.6	0.00	3,234,520	74.87
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	8.54	0.6	0.00	217,637	5.04
26	COLE	R 68	207,420	90	68.5	8.54	0.6	0.00	870,551	20.15
27	FUTURE SCHOOL	S 23	822,513	67	68.5	8.54	0.6	0.00	2,569,919	59.49
28	FUTURE SCHOOL	S 2	650,040	67	68.5	8.54	0.6	0.00	2,031,031	47.01
29	FUTURE SCHOOL	S 4	653,730	67	68.5	8.54	0.6	0.00	2,042,562	47.28
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	8.54	0.6	0.00	2,453,123	56.79
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	8.54	0.6	0.00	1,580,863	36.59
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	8.54	0.6	0.00	2,032,169	47.04
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	8.54	0.6	0.00	1,768,855	40.95
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	8.54	0.6	0.00	14,940,969	345.86
35	COX ELEMENTARY	S 16	585,761	67	68.5	8.54	0.6	0.00	1,830,195	42.37
36	COLE ELEMENTARY	S 17	395,293	67	68.5	8.54	0.6	0.00	1,235,083	28.59
37	FUTURE SCHOOL	S 19	763,485	67	68.5	8.54	0.6	0.00	2,385,487	55.22
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	8.54	0.6	0.00	7,493,281	173.46
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	8.54	VARIES	0.00	8,812,800	204.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.00	8467200	196.00
41	TOTAL DEMAND								159,560,835	3,890

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 8B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF AUGUST

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	August Eto (in/mo)	Landscape Coefficient	August Effective Rainfall (in/mo)	August Demand (gal/mo)	August Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	7.32	0.6	0.00	305,109	7.06
2	COMMERCIAL	C 27	1,048,275	10	59.9	7.32	0.6	0.00	479,265	11.09
3	COMMERCIAL	C 32	406,602	10	59.9	7.32	0.6	0.00	185,896	4.30
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	7.32	0.6	0.00	10,650,231	246.53
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	7.32	0.6	0.00	3,831,985	88.70
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	7.32	0.6	0.00	4,789,479	110.87
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	7.32	0.6	0.00	4,001,716	92.63
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	7.32	0.6	0.00	47,654,455	1,103.11
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	7.32	0.6	0.00	169,043	3.91
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	7.32	0.6	0.00	169,499	3.92
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	7.32	0.6	0.00	718,129	16.62
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	7.32	0.6	0.00	5,160,278	119.45
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	7.32	0.6	0.00	365,331	8.46
14	FUTURE PARK SITE	R 20	762,879	90	68.5	7.32	0.6	0.00	2,744,438	63.53
15	FUTURE PARK SITE	R 23	59,870	90	68.5	7.32	0.6	0.00	215,380	4.99
16	FUTURE PARK SITE	R 24	509,254	90	68.5	7.32	0.6	0.00	1,832,029	42.41
17	FUTURE PARK SITE	R 25	337,952	90	68.5	7.32	0.6	0.00	1,215,773	28.14
18	FUTURE PARK SITE	R 26	293,586	90	68.5	7.32	0.6	0.00	1,056,168	24.45
19	FUTURE PARK SITE	R 27	268,762	90	68.5	7.32	0.6	0.00	966,866	22.38
20	FUTURE PARK SITE	R 28	212,540	90	68.5	7.32	0.6	0.00	764,606	17.70
21	FUTURE PARK SITE	R 29	219,262	90	68.5	7.32	0.6	0.00	788,788	18.26
22	EXISTING PARK SITE	R 33	170,649	90	68.5	7.32	0.6	0.00	613,907	14.21
23	EXISTING PARK SITE	R 40	143,836	90	68.5	7.32	0.6	0.00	517,448	11.98
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	7.32	0.6	0.00	2,772,446	64.18
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	7.32	0.6	0.00	186,546	4.32
26	COLE	R 68	207,420	90	68.5	7.32	0.6	0.00	746,187	17.27
27	FUTURE SCHOOL	S 23	822,513	67	68.5	7.32	0.6	0.00	2,202,788	50.99
28	FUTURE SCHOOL	S 2	650,040	67	68.5	7.32	0.6	0.00	1,740,884	40.30
29	FUTURE SCHOOL	S 4	653,730	67	68.5	7.32	0.6	0.00	1,750,768	40.53
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	7.32	0.6	0.00	2,102,677	48.67
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	7.32	0.6	0.00	1,355,026	31.37
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	7.32	0.6	0.00	1,741,859	40.32
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	7.32	0.6	0.00	1,516,162	35.10
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	7.32	0.6	0.00	12,806,545	296.45
35	COX ELEMENTARY	S 16	585,761	67	68.5	7.32	0.6	0.00	1,568,739	36.31
36	COLE ELEMENTARY	S 17	395,293	67	68.5	7.32	0.6	0.00	1,058,643	24.51
37	FUTURE SCHOOL	S 19	763,485	67	68.5	7.32	0.6	0.00	2,044,703	47.33
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	7.32	0.6	0.00	6,422,812	148.68
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	7.32	VARIES	0.00	7,516,800	174.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0	7,300,800	169.00
41	TOTAL DEMAND								136,729,401	3,334

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 9B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF SEPTEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Sept Eto (in/mo)	Landscape Coefficient	September Effective Rainfall (in/mo)	September Demand (gal/mo)	September Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	5.31	0.6	0.08	215,702	4.99
2	COMMERCIAL	C 27	1,048,275	10	59.9	5.31	0.6	0.08	338,825	7.84
3	COMMERCIAL	C 32	406,602	10	59.9	5.31	0.6	0.08	131,422	3.04
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	5.31	0.6	0.08	7,529,364	174.29
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	5.31	0.6	0.08	2,709,088	62.71
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	5.31	0.6	0.08	3,386,004	78.38
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	5.31	0.6	0.08	2,829,082	65.49
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	5.31	0.6	0.08	33,690,137	779.86
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	5.31	0.6	0.08	119,508	2.77
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	5.31	0.6	0.08	119,830	2.77
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	5.31	0.6	0.08	507,693	11.75
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	5.31	0.6	0.08	3,648,148	84.45
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	5.31	0.6	0.08	258,277	5.98
14	FUTURE PARK SITE	R 20	762,879	90	68.5	5.31	0.6	0.08	1,940,228	44.91
15	FUTURE PARK SITE	R 23	59,870	90	68.5	5.31	0.6	0.08	152,267	3.52
16	FUTURE PARK SITE	R 24	509,254	90	68.5	5.31	0.6	0.08	1,295,184	29.98
17	FUTURE PARK SITE	R 25	337,952	90	68.5	5.31	0.6	0.08	859,511	19.90
18	FUTURE PARK SITE	R 26	293,586	90	68.5	5.31	0.6	0.08	746,676	17.28
19	FUTURE PARK SITE	R 27	268,762	90	68.5	5.31	0.6	0.08	683,542	15.82
20	FUTURE PARK SITE	R 28	212,540	90	68.5	5.31	0.6	0.08	540,551	12.51
21	FUTURE PARK SITE	R 29	219,262	90	68.5	5.31	0.6	0.08	557,647	12.91
22	EXISTING PARK SITE	R 33	170,649	90	68.5	5.31	0.6	0.08	434,012	10.05
23	EXISTING PARK SITE	R 40	143,836	90	68.5	5.31	0.6	0.08	365,819	8.47
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	5.31	0.6	0.08	1,960,028	45.37
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	5.31	0.6	0.08	131,882	3.05
26	COLE	R 68	207,420	90	68.5	5.31	0.6	0.08	527,530	12.21
27	FUTURE SCHOOL	S 23	822,513	67	68.5	5.31	0.6	0.08	1,557,299	36.05
28	FUTURE SCHOOL	S 2	650,040	67	68.5	5.31	0.6	0.08	1,230,748	28.49
29	FUTURE SCHOOL	S 4	653,730	67	68.5	5.31	0.6	0.08	1,237,735	28.65
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	5.31	0.6	0.08	1,486,524	34.41
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	5.31	0.6	0.08	957,959	22.17
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	5.31	0.6	0.08	1,231,437	28.51
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	5.31	0.6	0.08	1,071,877	24.81
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	5.31	0.6	0.08	9,053,807	209.58
35	COX ELEMENTARY	S 16	585,761	67	68.5	5.31	0.6	0.08	1,109,047	25.67
36	COLE ELEMENTARY	S 17	395,293	67	68.5	5.31	0.6	0.08	748,426	17.32
37	FUTURE SCHOOL	S 19	763,485	67	68.5	5.31	0.6	0.08	1,445,538	33.46
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	5.31	0.6	0.08	4,540,718	105.11
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	5.31	VARIES	0.08	5,097,600	118.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.18	5,227,200	121.00
41	TOTAL DEMAND								96,446,672	2,354

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 10B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF OCTOBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Oct Eto (in/mo)	Landscape Coefficient	Oct Effective Rainfall (in/mo)	Oct Demand (gal/mo)	Oct Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	3.42	0.6	0.23	126,608	2.93
2	COMMERCIAL	C 27	1,048,275	10	59.9	3.42	0.6	0.23	198,875	4.60
3	COMMERCIAL	C 32	406,602	10	59.9	3.42	0.6	0.23	77,139	1.79
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	3.42	0.6	0.23	4,419,409	102.30
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	3.42	0.6	0.23	1,590,117	36.81
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	3.42	0.6	0.23	1,987,437	46.01
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	3.42	0.6	0.23	1,660,548	38.44
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	3.42	0.6	0.23	19,774,646	457.75
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	3.42	0.6	0.23	70,146	1.62
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	3.42	0.6	0.23	70,335	1.63
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	3.42	0.6	0.23	297,994	6.90
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	3.42	0.6	0.23	2,141,304	49.57
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	3.42	0.6	0.23	151,597	3.51
14	FUTURE PARK SITE	R 20	762,879	90	68.5	3.42	0.6	0.23	1,138,829	26.36
15	FUTURE PARK SITE	R 23	59,870	90	68.5	3.42	0.6	0.23	89,374	2.07
16	FUTURE PARK SITE	R 24	509,254	90	68.5	3.42	0.6	0.23	760,217	17.60
17	FUTURE PARK SITE	R 25	337,952	90	68.5	3.42	0.6	0.23	504,496	11.68
18	FUTURE PARK SITE	R 26	293,586	90	68.5	3.42	0.6	0.23	438,266	10.15
19	FUTURE PARK SITE	R 27	268,762	90	68.5	3.42	0.6	0.23	401,210	9.29
20	FUTURE PARK SITE	R 28	212,540	90	68.5	3.42	0.6	0.23	317,280	7.34
21	FUTURE PARK SITE	R 29	219,262	90	68.5	3.42	0.6	0.23	327,315	7.58
22	EXISTING PARK SITE	R 33	170,649	90	68.5	3.42	0.6	0.23	254,746	5.90
23	EXISTING PARK SITE	R 40	143,836	90	68.5	3.42	0.6	0.23	214,720	4.97
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	3.42	0.6	0.23	1,150,451	26.63
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	3.42	0.6	0.23	77,409	1.79
26	COLE	R 68	207,420	90	68.5	3.42	0.6	0.23	309,637	7.17
27	FUTURE SCHOOL	S 23	822,513	67	68.5	3.42	0.6	0.23	914,067	21.16
28	FUTURE SCHOOL	S 2	650,040	67	68.5	3.42	0.6	0.23	722,395	16.72
29	FUTURE SCHOOL	S 4	653,730	67	68.5	3.42	0.6	0.23	726,497	16.82
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	3.42	0.6	0.23	872,525	20.20
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	3.42	0.6	0.23	562,280	13.02
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	3.42	0.6	0.23	722,800	16.73
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	3.42	0.6	0.23	629,145	14.56
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	3.42	0.6	0.23	5,314,191	123.01
35	COX ELEMENTARY	S 16	585,761	67	68.5	3.42	0.6	0.23	650,962	15.07
36	COLE ELEMENTARY	S 17	395,293	67	68.5	3.42	0.6	0.23	439,293	10.17
37	FUTURE SCHOOL	S 19	763,485	67	68.5	3.42	0.6	0.23	848,468	19.64
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	3.42	0.6	0.23	2,665,204	61.69
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	3.42	VARIES	0.23	525,744	12.17
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.51	498528	11.54
41	TOTAL DEMAND								54,143,678	1,265

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 11B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF NOVEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Nov Eto (in/mo)	Landscape Coefficient	Nov Effective Rainfall (in/mo)	Nov Demand (gal/mo)	Nov Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	1.42	0.6	0.54	21,362	0.49
2	COMMERCIAL	C 27	1,048,275	10	59.9	1.42	0.6	0.54	33,555	0.78
3	COMMERCIAL	C 32	406,602	10	59.9	1.42	0.6	0.54	13,015	0.30
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	1.42	0.6	0.54	745,662	17.26
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	1.42	0.6	0.54	268,291	6.21
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	1.42	0.6	0.54	335,329	7.76
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	1.42	0.6	0.54	280,175	6.49
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	1.42	0.6	0.54	3,336,463	77.23
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	1.42	0.6	0.54	11,835	0.27
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	1.42	0.6	0.54	11,867	0.27
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	1.42	0.6	0.54	50,279	1.16
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	1.42	0.6	0.54	361,290	8.36
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	1.42	0.6	0.54	25,578	0.59
14	FUTURE PARK SITE	R 20	762,879	90	68.5	1.42	0.6	0.54	192,148	4.45
15	FUTURE PARK SITE	R 23	59,870	90	68.5	1.42	0.6	0.54	15,080	0.35
16	FUTURE PARK SITE	R 24	509,254	90	68.5	1.42	0.6	0.54	128,267	2.97
17	FUTURE PARK SITE	R 25	337,952	90	68.5	1.42	0.6	0.54	85,121	1.97
18	FUTURE PARK SITE	R 26	293,586	90	68.5	1.42	0.6	0.54	73,946	1.71
19	FUTURE PARK SITE	R 27	268,762	90	68.5	1.42	0.6	0.54	67,694	1.57
20	FUTURE PARK SITE	R 28	212,540	90	68.5	1.42	0.6	0.54	53,533	1.24
21	FUTURE PARK SITE	R 29	219,262	90	68.5	1.42	0.6	0.54	55,226	1.28
22	EXISTING PARK SITE	R 33	170,649	90	68.5	1.42	0.6	0.54	42,982	0.99
23	EXISTING PARK SITE	R 40	143,836	90	68.5	1.42	0.6	0.54	36,228	0.84
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	1.42	0.6	0.54	194,109	4.49
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	1.42	0.6	0.54	13,061	0.30
26	COLE	R 68	207,420	90	68.5	1.42	0.6	0.54	52,243	1.21
27	FUTURE SCHOOL	S 23	822,513	67	68.5	1.42	0.6	0.54	154,225	3.57
28	FUTURE SCHOOL	S 2	650,040	67	68.5	1.42	0.6	0.54	121,886	2.82
29	FUTURE SCHOOL	S 4	653,730	67	68.5	1.42	0.6	0.54	122,578	2.84
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	1.42	0.6	0.54	147,216	3.41
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	1.42	0.6	0.54	94,870	2.20
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	1.42	0.6	0.54	121,954	2.82
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	1.42	0.6	0.54	106,152	2.46
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	1.42	0.6	0.54	896,633	20.76
35	COX ELEMENTARY	S 16	585,761	67	68.5	1.42	0.6	0.54	109,833	2.54
36	COLE ELEMENTARY	S 17	395,293	67	68.5	1.42	0.6	0.54	74,119	1.72
37	FUTURE SCHOOL	S 19	763,485	67	68.5	1.42	0.6	0.54	143,157	3.31
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	1.42	0.6	0.54	449,685	10.41
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	1.42	VARIES	0.54	0	0.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	1.21	372,384	8.62
41	TOTAL DEMAND								9,046,647	218

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 12B: PHASE 2 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF DECEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Dec Eto (in/mo)	Landscape Coefficient	Dec Effective Rainfall (in/mo)	Dec Demand (gal/mo)	Dec Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	0.73	0.6	0.68	0	0.00
2	COMMERCIAL	C 27	1,048,275	10	59.9	0.73	0.6	0.68	0	0.00
3	COMMERCIAL	C 32	406,602	10	59.9	0.73	0.6	0.68	0	0.00
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	0.73	0.6	0.68	0	0.00
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	0.73	0.6	0.68	0	0.00
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	0.73	0.6	0.68	0	0.00
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	0.73	0.6	0.68	0	0.00
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	0.73	0.6	0.68	0	0.00
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	0.73	0.6	0.68	0	0.00
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	0.73	0.6	0.68	0	0.00
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	0.73	0.6	0.68	0	0.00
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	0.73	0.6	0.68	0	0.00
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	0.73	0.6	0.68	0	0.00
14	FUTURE PARK SITE	R 20	762,879	90	68.5	0.73	0.6	0.68	0	0.00
15	FUTURE PARK SITE	R 23	59,870	90	68.5	0.73	0.6	0.68	0	0.00
16	FUTURE PARK SITE	R 24	509,254	90	68.5	0.73	0.6	0.68	0	0.00
17	FUTURE PARK SITE	R 25	337,952	90	68.5	0.73	0.6	0.68	0	0.00
18	FUTURE PARK SITE	R 26	293,586	90	68.5	0.73	0.6	0.68	0	0.00
19	FUTURE PARK SITE	R 27	268,762	90	68.5	0.73	0.6	0.68	0	0.00
20	FUTURE PARK SITE	R 28	212,540	90	68.5	0.73	0.6	0.68	0	0.00
21	FUTURE PARK SITE	R 29	219,262	90	68.5	0.73	0.6	0.68	0	0.00
22	EXISTING PARK SITE	R 33	170,649	90	68.5	0.73	0.6	0.68	0	0.00
23	EXISTING PARK SITE	R 40	143,836	90	68.5	0.73	0.6	0.68	0	0.00
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	0.73	0.6	0.68	0	0.00
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	0.73	0.6	0.68	0	0.00
26	COLE	R 68	207,420	90	68.5	0.73	0.6	0.68	0	0.00
27	FUTURE SCHOOL	S 23	822,513	67	68.5	0.73	0.6	0.68	0	0.00
28	FUTURE SCHOOL	S 2	650,040	67	68.5	0.73	0.6	0.68	0	0.00
29	FUTURE SCHOOL	S 4	653,730	67	68.5	0.73	0.6	0.68	0	0.00
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	0.73	0.6	0.68	0	0.00
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	0.73	0.6	0.68	0	0.00
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	0.73	0.6	0.68	0	0.00
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	0.73	0.6	0.68	0	0.00
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	0.73	0.6	0.68	0	0.00
35	COX ELEMENTARY	S 16	585,761	67	68.5	0.73	0.6	0.68	0	0.00
36	COLE ELEMENTARY	S 17	395,293	67	68.5	0.73	0.6	0.68	0	0.00
37	FUTURE SCHOOL	S 19	763,485	67	68.5	0.73	0.6	0.68	0	0.00
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	0.73	0.6	0.68	0	0.00
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	0.73	VARIES	0.68	0	0.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	1.52	0	0.00
41	TOTAL DEMAND								0	0

* FSU's demand served with recycled water is estimated at 4% of FSU's total agricultural demand.

TABLE 1C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JANUARY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Jan Eto (in/mo)	Landscape Coefficient	Jan Effective Rainfall (in/mo)	Jan Demand (gal/mo)	Jan Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	0.98	0.6	0.99	0	0.00
2	COMMERCIAL	C 27	1,048,275	10	59.9	0.98	0.6	0.99	0	0.00
3	COMMERCIAL	C 32	406,602	10	59.9	0.98	0.6	0.99	0	0.00
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	0.98	0.6	0.99	0	0.00
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	0.98	0.6	0.99	0	0.00
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	0.98	0.6	0.99	0	0.00
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	0.98	0.6	0.99	0	0.00
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	0.98	0.6	0.99	0	0.00
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	0.98	0.6	0.99	0	0.00
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	0.98	0.6	0.99	0	0.00
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	0.98	0.6	0.99	0	0.00
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	0.98	0.6	0.99	0	0.00
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	0.98	0.6	0.99	0	0.00
14	FUTURE PARK SITE	R 20	762,879	90	68.5	0.98	0.6	0.99	0	0.00
15	FUTURE PARK SITE	R 23	59,870	90	68.5	0.98	0.6	0.99	0	0.00
16	FUTURE PARK SITE	R 24	509,254	90	68.5	0.98	0.6	0.99	0	0.00
17	FUTURE PARK SITE	R 25	337,952	90	68.5	0.98	0.6	0.99	0	0.00
18	FUTURE PARK SITE	R 26	293,586	90	68.5	0.98	0.6	0.99	0	0.00
19	FUTURE PARK SITE	R 27	268,762	90	68.5	0.98	0.6	0.99	0	0.00
20	FUTURE PARK SITE	R 28	212,540	90	68.5	0.98	0.6	0.99	0	0.00
21	FUTURE PARK SITE	R 29	219,262	90	68.5	0.98	0.6	0.99	0	0.00
22	EXISTING PARK SITE	R 33	170,649	90	68.5	0.98	0.6	0.99	0	0.00
23	EXISTING PARK SITE	R 40	143,836	90	68.5	0.98	0.6	0.99	0	0.00
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	0.98	0.6	0.99	0	0.00
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	0.98	0.6	0.99	0	0.00
26	COLE	R 68	207,420	90	68.5	0.98	0.6	0.99	0	0.00
27	FUTURE SCHOOL	S 23	822,513	67	68.5	0.98	0.6	0.99	0	0.00
28	FUTURE SCHOOL	S 2	650,040	67	68.5	0.98	0.6	0.99	0	0.00
29	FUTURE SCHOOL	S 4	653,730	67	68.5	0.98	0.6	0.99	0	0.00
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	0.98	0.6	0.99	0	0.00
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	0.98	0.6	0.99	0	0.00
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	0.98	0.6	0.99	0	0.00
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	0.98	0.6	0.99	0	0.00
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	0.98	0.6	0.99	0	0.00
35	COX ELEMENTARY	S 16	585,761	67	68.5	0.98	0.6	0.99	0	0.00
36	COLE ELEMENTARY	S 17	395,293	67	68.5	0.98	0.6	0.99	0	0.00
37	FUTURE SCHOOL	S 19	763,485	67	68.5	0.98	0.6	0.99	0	0.00
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	0.98	0.6	0.99	0	0.00
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	0.98	VARIES	0.99	0	0.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.99	0	0.00
41	TOTAL DEMAND								0	0

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 2C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF FEBRUARY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Feb Eto (in/mo)	Landscape Coefficient	Feb Effective Rainfall (in/mo)	Feb Demand (gal/mo)	Feb Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	1.54	0.6	0.86	4,168	0.10
2	COMMERCIAL	C 27	1,048,275	10	59.9	1.54	0.6	0.86	6,547	0.15
3	COMMERCIAL	C 32	406,602	10	59.9	1.54	0.6	0.86	2,540	0.06
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	1.54	0.6	0.86	145,495	3.37
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	1.54	0.6	0.86	52,350	1.21
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	1.54	0.6	0.86	65,430	1.51
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	1.54	0.6	0.86	54,668	1.27
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	1.54	0.6	0.86	651,017	15.07
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	1.54	0.6	0.86	2,309	0.05
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	1.54	0.6	0.86	2,316	0.05
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	1.54	0.6	0.86	9,811	0.23
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	1.54	0.6	0.86	70,496	1.63
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	1.54	0.6	0.86	4,991	0.12
14	FUTURE PARK SITE	R 20	762,879	90	68.5	1.54	0.6	0.86	37,492	0.87
15	FUTURE PARK SITE	R 23	59,870	90	68.5	1.54	0.6	0.86	2,942	0.07
16	FUTURE PARK SITE	R 24	509,254	90	68.5	1.54	0.6	0.86	25,028	0.58
17	FUTURE PARK SITE	R 25	337,952	90	68.5	1.54	0.6	0.86	16,609	0.38
18	FUTURE PARK SITE	R 26	293,586	90	68.5	1.54	0.6	0.86	14,429	0.33
19	FUTURE PARK SITE	R 27	268,762	90	68.5	1.54	0.6	0.86	13,209	0.31
20	FUTURE PARK SITE	R 28	212,540	90	68.5	1.54	0.6	0.86	10,445	0.24
21	FUTURE PARK SITE	R 29	219,262	90	68.5	1.54	0.6	0.86	10,776	0.25
22	EXISTING PARK SITE	R 33	170,649	90	68.5	1.54	0.6	0.86	8,387	0.19
23	EXISTING PARK SITE	R 40	143,836	90	68.5	1.54	0.6	0.86	7,069	0.16
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	1.54	0.6	0.86	37,875	0.88
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	1.54	0.6	0.86	2,548	0.06
26	COLE	R 68	207,420	90	68.5	1.54	0.6	0.86	10,194	0.24
27	FUTURE SCHOOL	S 23	822,513	67	68.5	1.54	0.6	0.86	30,093	0.70
28	FUTURE SCHOOL	S 2	650,040	67	68.5	1.54	0.6	0.86	23,783	0.55
29	FUTURE SCHOOL	S 4	653,730	67	68.5	1.54	0.6	0.86	23,918	0.55
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	1.54	0.6	0.86	28,725	0.66
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	1.54	0.6	0.86	18,511	0.43
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	1.54	0.6	0.86	23,796	0.55
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	1.54	0.6	0.86	20,713	0.48
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	1.54	0.6	0.86	174,953	4.05
35	COX ELEMENTARY	S 16	585,761	67	68.5	1.54	0.6	0.86	21,431	0.50
36	COLE ELEMENTARY	S 17	395,293	67	68.5	1.54	0.6	0.86	14,462	0.33
37	FUTURE SCHOOL	S 19	763,485	67	68.5	1.54	0.6	0.86	27,933	0.65
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	1.54	0.6	0.86	87,743	2.03
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	1.54	VARIES	0.86	2,030,400	47.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.86	0	0.00
41	TOTAL DEMAND								3,795,599	88

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 3C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF MARCH

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	March Eto (in/mo)	Landscape Coefficient	March Effective Rainfall (in/mo)	March Demand (gal/mo)	March Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	3.17	0.6	0.86	72,422	1.68
2	COMMERCIAL	C 27	1,048,275	10	59.9	3.17	0.6	0.86	113,760	2.63
3	COMMERCIAL	C 32	406,602	10	59.9	3.17	0.6	0.86	44,125	1.02
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	3.17	0.6	0.86	2,527,975	58.52
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	3.17	0.6	0.86	909,573	21.05
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	3.17	0.6	0.86	1,136,847	26.32
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	3.17	0.6	0.86	949,861	21.99
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	3.17	0.6	0.86	11,311,423	261.84
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	3.17	0.6	0.86	40,125	0.93
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	3.17	0.6	0.86	40,233	0.93
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	3.17	0.6	0.86	170,457	3.95
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	3.17	0.6	0.86	1,224,861	28.35
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	3.17	0.6	0.86	86,716	2.01
14	FUTURE PARK SITE	R 20	762,879	90	68.5	3.17	0.6	0.86	651,429	15.08
15	FUTURE PARK SITE	R 23	59,870	90	68.5	3.17	0.6	0.86	51,123	1.18
16	FUTURE PARK SITE	R 24	509,254	90	68.5	3.17	0.6	0.86	434,857	10.07
17	FUTURE PARK SITE	R 25	337,952	90	68.5	3.17	0.6	0.86	288,580	6.68
18	FUTURE PARK SITE	R 26	293,586	90	68.5	3.17	0.6	0.86	250,696	5.80
19	FUTURE PARK SITE	R 27	268,762	90	68.5	3.17	0.6	0.86	229,498	5.31
20	FUTURE PARK SITE	R 28	212,540	90	68.5	3.17	0.6	0.86	181,489	4.20
21	FUTURE PARK SITE	R 29	219,262	90	68.5	3.17	0.6	0.86	187,229	4.33
22	EXISTING PARK SITE	R 33	170,649	90	68.5	3.17	0.6	0.86	145,719	3.37
23	EXISTING PARK SITE	R 40	143,836	90	68.5	3.17	0.6	0.86	122,823	2.84
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	3.17	0.6	0.86	658,077	15.23
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	3.17	0.6	0.86	44,279	1.02
26	COLE	R 68	207,420	90	68.5	3.17	0.6	0.86	177,117	4.10
27	FUTURE SCHOOL	S 23	822,513	67	68.5	3.17	0.6	0.86	522,861	12.10
28	FUTURE SCHOOL	S 2	650,040	67	68.5	3.17	0.6	0.86	413,222	9.57
29	FUTURE SCHOOL	S 4	653,730	67	68.5	3.17	0.6	0.86	415,568	9.62
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	3.17	0.6	0.86	499,099	11.55
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	3.17	0.6	0.86	321,634	7.45
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	3.17	0.6	0.86	413,454	9.57
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	3.17	0.6	0.86	359,881	8.33
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	3.17	0.6	0.86	3,039,805	70.37
35	COX ELEMENTARY	S 16	585,761	67	68.5	3.17	0.6	0.86	372,361	8.62
36	COLE ELEMENTARY	S 17	395,293	67	68.5	3.17	0.6	0.86	251,283	5.82
37	FUTURE SCHOOL	S 19	763,485	67	68.5	3.17	0.6	0.86	485,338	11.23
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	3.17	0.6	0.86	1,524,540	35.29
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	3.17	VARIES	0.86	9,201,600	213.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.86	993,600	23.00
41	TOTAL DEMAND								39,871,941	946

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 4C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF APRIL

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	April Eto (in/mo)	Landscape Coefficient	April Effective Rainfall (in/mo)	April Demand (gal/mo)	April Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	4.84	0.6	0.45	170,790	3.95
2	COMMERCIAL	C 27	1,048,275	10	59.9	4.84	0.6	0.45	268,277	6.21
3	COMMERCIAL	C 32	406,602	10	59.9	4.84	0.6	0.45	104,059	2.41
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	4.84	0.6	0.45	5,961,656	138.00
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	4.84	0.6	0.45	2,145,022	49.65
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	4.84	0.6	0.45	2,680,996	62.06
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	4.84	0.6	0.45	2,240,032	51.85
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	4.84	0.6	0.45	26,675,428	617.49
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	4.84	0.6	0.45	94,625	2.19
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	4.84	0.6	0.45	94,880	2.20
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	4.84	0.6	0.45	401,985	9.31
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	4.84	0.6	0.45	2,888,557	66.86
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	4.84	0.6	0.45	204,500	4.73
14	FUTURE PARK SITE	R 20	762,879	90	68.5	4.84	0.6	0.45	1,536,248	35.56
15	FUTURE PARK SITE	R 23	59,870	90	68.5	4.84	0.6	0.45	120,563	2.79
16	FUTURE PARK SITE	R 24	509,254	90	68.5	4.84	0.6	0.45	1,025,511	23.74
17	FUTURE PARK SITE	R 25	337,952	90	68.5	4.84	0.6	0.45	680,550	15.75
18	FUTURE PARK SITE	R 26	293,586	90	68.5	4.84	0.6	0.45	591,209	13.69
19	FUTURE PARK SITE	R 27	268,762	90	68.5	4.84	0.6	0.45	541,220	12.53
20	FUTURE PARK SITE	R 28	212,540	90	68.5	4.84	0.6	0.45	428,002	9.91
21	FUTURE PARK SITE	R 29	219,262	90	68.5	4.84	0.6	0.45	441,538	10.22
22	EXISTING PARK SITE	R 33	170,649	90	68.5	4.84	0.6	0.45	343,645	7.95
23	EXISTING PARK SITE	R 40	143,836	90	68.5	4.84	0.6	0.45	289,651	6.70
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	4.84	0.6	0.45	1,551,926	35.92
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	4.84	0.6	0.45	104,423	2.42
26	COLE	R 68	207,420	90	68.5	4.84	0.6	0.45	417,691	9.67
27	FUTURE SCHOOL	S 23	822,513	67	68.5	4.84	0.6	0.45	1,233,050	28.54
28	FUTURE SCHOOL	S 2	650,040	67	68.5	4.84	0.6	0.45	974,491	22.56
29	FUTURE SCHOOL	S 4	653,730	67	68.5	4.84	0.6	0.45	980,023	22.69
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	4.84	0.6	0.45	1,177,011	27.25
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	4.84	0.6	0.45	758,500	17.56
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	4.84	0.6	0.45	975,036	22.57
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	4.84	0.6	0.45	848,698	19.65
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	4.84	0.6	0.45	7,168,691	165.94
35	COX ELEMENTARY	S 16	585,761	67	68.5	4.84	0.6	0.45	878,129	20.33
36	COLE ELEMENTARY	S 17	395,293	67	68.5	4.84	0.6	0.45	592,594	13.72
37	FUTURE SCHOOL	S 19	763,485	67	68.5	4.84	0.6	0.45	1,144,559	26.49
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	4.84	0.6	0.45	3,595,283	83.22
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	4.84	VARIES	0.45	35,424,000	820.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.45	3,369,600	78.00
41	TOTAL DEMAND								107,753,048	2,572

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 5C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF MAY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	May Eto (in/mo)	Landscape Coefficient	May Effective Rainfall (in/mo)	May Demand (gal/mo)	May Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	6.35	0.6	0.16	253,737	5.87
2	COMMERCIAL	C 27	1,048,275	10	59.9	6.35	0.6	0.16	398,569	9.23
3	COMMERCIAL	C 32	406,602	10	59.9	6.35	0.6	0.16	154,596	3.58
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	6.35	0.6	0.16	8,857,005	205.02
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	6.35	0.6	0.16	3,186,777	73.77
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	6.35	0.6	0.16	3,983,054	92.20
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	6.35	0.6	0.16	3,327,930	77.04
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	6.35	0.6	0.16	39,630,669	917.38
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	6.35	0.6	0.16	140,580	3.25
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	6.35	0.6	0.16	140,959	3.26
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	6.35	0.6	0.16	597,214	13.82
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	6.35	0.6	0.16	4,291,420	99.34
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	6.35	0.6	0.16	303,818	7.03
14	FUTURE PARK SITE	R 20	762,879	90	68.5	6.35	0.6	0.16	2,282,345	52.83
15	FUTURE PARK SITE	R 23	59,870	90	68.5	6.35	0.6	0.16	179,116	4.15
16	FUTURE PARK SITE	R 24	509,254	90	68.5	6.35	0.6	0.16	1,523,562	35.27
17	FUTURE PARK SITE	R 25	337,952	90	68.5	6.35	0.6	0.16	1,011,068	23.40
18	FUTURE PARK SITE	R 26	293,586	90	68.5	6.35	0.6	0.16	878,336	20.33
19	FUTURE PARK SITE	R 27	268,762	90	68.5	6.35	0.6	0.16	804,070	18.61
20	FUTURE PARK SITE	R 28	212,540	90	68.5	6.35	0.6	0.16	635,866	14.72
21	FUTURE PARK SITE	R 29	219,262	90	68.5	6.35	0.6	0.16	655,976	15.18
22	EXISTING PARK SITE	R 33	170,649	90	68.5	6.35	0.6	0.16	510,540	11.82
23	EXISTING PARK SITE	R 40	143,836	90	68.5	6.35	0.6	0.16	430,323	9.96
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	6.35	0.6	0.16	2,305,637	53.37
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	6.35	0.6	0.16	155,137	3.59
26	COLE	R 68	207,420	90	68.5	6.35	0.6	0.16	620,548	14.36
27	FUTURE SCHOOL	S 23	822,513	67	68.5	6.35	0.6	0.16	1,831,895	42.40
28	FUTURE SCHOOL	S 2	650,040	67	68.5	6.35	0.6	0.16	1,447,764	33.51
29	FUTURE SCHOOL	S 4	653,730	67	68.5	6.35	0.6	0.16	1,455,983	33.70
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	6.35	0.6	0.16	1,748,640	40.48
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	6.35	0.6	0.16	1,126,874	26.09
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	6.35	0.6	0.16	1,448,575	33.53
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	6.35	0.6	0.16	1,260,879	29.19
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	6.35	0.6	0.16	10,650,251	246.53
35	COX ELEMENTARY	S 16	585,761	67	68.5	6.35	0.6	0.16	1,304,604	30.20
36	COLE ELEMENTARY	S 17	395,293	67	68.5	6.35	0.6	0.16	880,395	20.38
37	FUTURE SCHOOL	S 19	763,485	67	68.5	6.35	0.6	0.16	1,700,427	39.36
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	6.35	0.6	0.16	5,341,376	123.64
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	6.35	VARIES	0.16	65,664,000	1,520.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.16	6,004,800	139.00
41	TOTAL DEMAND								173,120,518	4,146

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 6C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JUNE

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	June Eto (in/mo)	Landscape Coefficient	June Effective Rainfall (in/mo)	June Demand (gal/mo)	June Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	7.74	0.6	0.00	322,615	7.47
2	COMMERCIAL	C 27	1,048,275	10	59.9	7.74	0.6	0.00	506,764	11.73
3	COMMERCIAL	C 32	406,602	10	59.9	7.74	0.6	0.00	196,562	4.55
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	7.74	0.6	0.00	11,261,310	260.68
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	7.74	0.6	0.00	4,051,853	93.79
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	7.74	0.6	0.00	5,064,285	117.23
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	7.74	0.6	0.00	4,231,323	97.95
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	7.74	0.6	0.00	50,388,727	1,166.41
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	7.74	0.6	0.00	178,742	4.14
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	7.74	0.6	0.00	179,224	4.15
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	7.74	0.6	0.00	759,333	17.58
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	7.74	0.6	0.00	5,456,360	126.30
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	7.74	0.6	0.00	386,292	8.94
14	FUTURE PARK SITE	R 20	762,879	90	68.5	7.74	0.6	0.00	2,901,906	67.17
15	FUTURE PARK SITE	R 23	59,870	90	68.5	7.74	0.6	0.00	227,738	5.27
16	FUTURE PARK SITE	R 24	509,254	90	68.5	7.74	0.6	0.00	1,937,145	44.84
17	FUTURE PARK SITE	R 25	337,952	90	68.5	7.74	0.6	0.00	1,285,530	29.76
18	FUTURE PARK SITE	R 26	293,586	90	68.5	7.74	0.6	0.00	1,116,767	25.85
19	FUTURE PARK SITE	R 27	268,762	90	68.5	7.74	0.6	0.00	1,022,342	23.67
20	FUTURE PARK SITE	R 28	212,540	90	68.5	7.74	0.6	0.00	808,477	18.71
21	FUTURE PARK SITE	R 29	219,262	90	68.5	7.74	0.6	0.00	834,046	19.31
22	EXISTING PARK SITE	R 33	170,649	90	68.5	7.74	0.6	0.00	649,131	15.03
23	EXISTING PARK SITE	R 40	143,836	90	68.5	7.74	0.6	0.00	547,138	12.67
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	7.74	0.6	0.00	2,931,521	67.86
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	7.74	0.6	0.00	197,250	4.57
26	COLE	R 68	207,420	90	68.5	7.74	0.6	0.00	789,001	18.26
27	FUTURE SCHOOL	S 23	822,513	67	68.5	7.74	0.6	0.00	2,329,177	53.92
28	FUTURE SCHOOL	S 2	650,040	67	68.5	7.74	0.6	0.00	1,840,771	42.61
29	FUTURE SCHOOL	S 4	653,730	67	68.5	7.74	0.6	0.00	1,851,222	42.85
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	7.74	0.6	0.00	2,223,323	51.47
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	7.74	0.6	0.00	1,432,773	33.17
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	7.74	0.6	0.00	1,841,802	42.63
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	7.74	0.6	0.00	1,603,155	37.11
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	7.74	0.6	0.00	13,541,346	313.46
35	COX ELEMENTARY	S 16	585,761	67	68.5	7.74	0.6	0.00	1,658,749	38.40
36	COLE ELEMENTARY	S 17	395,293	67	68.5	7.74	0.6	0.00	1,119,385	25.91
37	FUTURE SCHOOL	S 19	763,485	67	68.5	7.74	0.6	0.00	2,162,022	50.05
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	7.74	0.6	0.00	6,791,334	157.21
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	7.74	VARIES	0.00	83,376,000	1,930.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.00	7,819,200	181.00
41	TOTAL DEMAND								220,002,439	5,274

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 7C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF JULY

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	July Eto (in/mo)	Landscape Coefficient	July Effective Rainfall (in/mo)	July Demand (gal/mo)	July Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	8.54	0.6	0.00	355,961	8.24
2	COMMERCIAL	C 27	1,048,275	10	59.9	8.54	0.6	0.00	559,142	12.94
3	COMMERCIAL	C 32	406,602	10	59.9	8.54	0.6	0.00	216,879	5.02
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	8.54	0.6	0.00	12,425,269	287.62
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	8.54	0.6	0.00	4,470,649	103.49
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	8.54	0.6	0.00	5,587,725	129.35
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	8.54	0.6	0.00	4,668,669	108.07
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	8.54	0.6	0.00	55,596,864	1,286.96
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	8.54	0.6	0.00	197,217	4.57
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	8.54	0.6	0.00	197,748	4.58
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	8.54	0.6	0.00	837,817	19.39
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	8.54	0.6	0.00	6,020,325	139.36
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	8.54	0.6	0.00	426,219	9.87
14	FUTURE PARK SITE	R 20	762,879	90	68.5	8.54	0.6	0.00	3,201,844	74.12
15	FUTURE PARK SITE	R 23	59,870	90	68.5	8.54	0.6	0.00	251,277	5.82
16	FUTURE PARK SITE	R 24	509,254	90	68.5	8.54	0.6	0.00	2,137,367	49.48
17	FUTURE PARK SITE	R 25	337,952	90	68.5	8.54	0.6	0.00	1,418,401	32.83
18	FUTURE PARK SITE	R 26	293,586	90	68.5	8.54	0.6	0.00	1,232,196	28.52
19	FUTURE PARK SITE	R 27	268,762	90	68.5	8.54	0.6	0.00	1,128,010	26.11
20	FUTURE PARK SITE	R 28	212,540	90	68.5	8.54	0.6	0.00	892,040	20.65
21	FUTURE PARK SITE	R 29	219,262	90	68.5	8.54	0.6	0.00	920,252	21.30
22	EXISTING PARK SITE	R 33	170,649	90	68.5	8.54	0.6	0.00	716,224	16.58
23	EXISTING PARK SITE	R 40	143,836	90	68.5	8.54	0.6	0.00	603,689	13.97
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	8.54	0.6	0.00	3,234,520	74.87
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	8.54	0.6	0.00	217,637	5.04
26	COLE	R 68	207,420	90	68.5	8.54	0.6	0.00	870,551	20.15
27	FUTURE SCHOOL	S 23	822,513	67	68.5	8.54	0.6	0.00	2,569,919	59.49
28	FUTURE SCHOOL	S 2	650,040	67	68.5	8.54	0.6	0.00	2,031,031	47.01
29	FUTURE SCHOOL	S 4	653,730	67	68.5	8.54	0.6	0.00	2,042,562	47.28
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	8.54	0.6	0.00	2,453,123	56.79
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	8.54	0.6	0.00	1,580,863	36.59
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	8.54	0.6	0.00	2,032,169	47.04
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	8.54	0.6	0.00	1,768,855	40.95
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	8.54	0.6	0.00	14,940,969	345.86
35	COX ELEMENTARY	S 16	585,761	67	68.5	8.54	0.6	0.00	1,830,195	42.37
36	COLE ELEMENTARY	S 17	395,293	67	68.5	8.54	0.6	0.00	1,235,083	28.59
37	FUTURE SCHOOL	S 19	763,485	67	68.5	8.54	0.6	0.00	2,385,487	55.22
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	8.54	0.6	0.00	7,493,281	173.46
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	8.54	VARIES	0.00	92,016,000	2,130.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.00	8,467,200	196
41	TOTAL DEMAND								242,764,035	5,816

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 8C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF AUGUST

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	August Eto (in/mo)	Landscape Coefficient	August Effective Rainfall (in/mo)	August Demand (gal/mo)	August Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	7.32	0.6	0.00	305,109	7.06
2	COMMERCIAL	C 27	1,048,275	10	59.9	7.32	0.6	0.00	479,265	11.09
3	COMMERCIAL	C 32	406,602	10	59.9	7.32	0.6	0.00	185,896	4.30
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	7.32	0.6	0.00	10,650,231	246.53
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	7.32	0.6	0.00	3,831,985	88.70
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	7.32	0.6	0.00	4,789,479	110.87
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	7.32	0.6	0.00	4,001,716	92.63
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	7.32	0.6	0.00	47,654,455	1,103.11
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	7.32	0.6	0.00	169,043	3.91
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	7.32	0.6	0.00	169,499	3.92
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	7.32	0.6	0.00	718,129	16.62
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	7.32	0.6	0.00	5,160,278	119.45
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	7.32	0.6	0.00	365,331	8.46
14	FUTURE PARK SITE	R 20	762,879	90	68.5	7.32	0.6	0.00	2,744,438	63.53
15	FUTURE PARK SITE	R 23	59,870	90	68.5	7.32	0.6	0.00	215,380	4.99
16	FUTURE PARK SITE	R 24	509,254	90	68.5	7.32	0.6	0.00	1,832,029	42.41
17	FUTURE PARK SITE	R 25	337,952	90	68.5	7.32	0.6	0.00	1,215,773	28.14
18	FUTURE PARK SITE	R 26	293,586	90	68.5	7.32	0.6	0.00	1,056,168	24.45
19	FUTURE PARK SITE	R 27	268,762	90	68.5	7.32	0.6	0.00	966,866	22.38
20	FUTURE PARK SITE	R 28	212,540	90	68.5	7.32	0.6	0.00	764,606	17.70
21	FUTURE PARK SITE	R 29	219,262	90	68.5	7.32	0.6	0.00	788,788	18.26
22	EXISTING PARK SITE	R 33	170,649	90	68.5	7.32	0.6	0.00	613,907	14.21
23	EXISTING PARK SITE	R 40	143,836	90	68.5	7.32	0.6	0.00	517,448	11.98
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	7.32	0.6	0.00	2,772,446	64.18
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	7.32	0.6	0.00	186,546	4.32
26	COLE	R 68	207,420	90	68.5	7.32	0.6	0.00	746,187	17.27
27	FUTURE SCHOOL	S 23	822,513	67	68.5	7.32	0.6	0.00	2,202,788	50.99
28	FUTURE SCHOOL	S 2	650,040	67	68.5	7.32	0.6	0.00	1,740,884	40.30
29	FUTURE SCHOOL	S 4	653,730	67	68.5	7.32	0.6	0.00	1,750,768	40.53
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	7.32	0.6	0.00	2,102,677	48.67
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	7.32	0.6	0.00	1,355,026	31.37
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	7.32	0.6	0.00	1,741,859	40.32
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	7.32	0.6	0.00	1,516,162	35.10
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	7.32	0.6	0.00	12,806,545	296.45
35	COX ELEMENTARY	S 16	585,761	67	68.5	7.32	0.6	0.00	1,568,739	36.31
36	COLE ELEMENTARY	S 17	395,293	67	68.5	7.32	0.6	0.00	1,058,643	24.51
37	FUTURE SCHOOL	S 19	763,485	67	68.5	7.32	0.6	0.00	2,044,703	47.33
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	7.32	0.6	0.00	6,422,812	148.68
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	7.32	VARIES	0.00	78,840,000	1,825.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.00	7,300,800	169.00
41	TOTAL DEMAND								208,052,601	4,985

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 9C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF SEPTEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Sept Eto (in/mo)	Landscape Coefficient	September Effective Rainfall (in/mo)	September Demand (gal/mo)	September Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	5.31	0.6	0.08	215,702	4.99
2	COMMERCIAL	C 27	1,048,275	10	59.9	5.31	0.6	0.08	338,825	7.84
3	COMMERCIAL	C 32	406,602	10	59.9	5.31	0.6	0.08	131,422	3.04
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	5.31	0.6	0.08	7,529,364	174.29
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	5.31	0.6	0.08	2,709,088	62.71
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	5.31	0.6	0.08	3,386,004	78.38
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	5.31	0.6	0.08	2,829,082	65.49
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	5.31	0.6	0.08	33,690,137	779.86
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	5.31	0.6	0.08	119,508	2.77
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	5.31	0.6	0.08	119,830	2.77
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	5.31	0.6	0.08	507,693	11.75
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	5.31	0.6	0.08	3,648,148	84.45
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	5.31	0.6	0.08	258,277	5.98
14	FUTURE PARK SITE	R 20	762,879	90	68.5	5.31	0.6	0.08	1,940,228	44.91
15	FUTURE PARK SITE	R 23	59,870	90	68.5	5.31	0.6	0.08	152,267	3.52
16	FUTURE PARK SITE	R 24	509,254	90	68.5	5.31	0.6	0.08	1,295,184	29.98
17	FUTURE PARK SITE	R 25	337,952	90	68.5	5.31	0.6	0.08	859,511	19.90
18	FUTURE PARK SITE	R 26	293,586	90	68.5	5.31	0.6	0.08	746,676	17.28
19	FUTURE PARK SITE	R 27	268,762	90	68.5	5.31	0.6	0.08	683,542	15.82
20	FUTURE PARK SITE	R 28	212,540	90	68.5	5.31	0.6	0.08	540,551	12.51
21	FUTURE PARK SITE	R 29	219,262	90	68.5	5.31	0.6	0.08	557,647	12.91
22	EXISTING PARK SITE	R 33	170,649	90	68.5	5.31	0.6	0.08	434,012	10.05
23	EXISTING PARK SITE	R 40	143,836	90	68.5	5.31	0.6	0.08	365,819	8.47
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	5.31	0.6	0.08	1,960,028	45.37
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	5.31	0.6	0.08	131,882	3.05
26	COLE	R 68	207,420	90	68.5	5.31	0.6	0.08	527,530	12.21
27	FUTURE SCHOOL	S 23	822,513	67	68.5	5.31	0.6	0.08	1,557,299	36.05
28	FUTURE SCHOOL	S 2	650,040	67	68.5	5.31	0.6	0.08	1,230,748	28.49
29	FUTURE SCHOOL	S 4	653,730	67	68.5	5.31	0.6	0.08	1,237,735	28.65
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	5.31	0.6	0.08	1,486,524	34.41
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	5.31	0.6	0.08	957,959	22.17
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	5.31	0.6	0.08	1,231,437	28.51
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	5.31	0.6	0.08	1,071,877	24.81
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	5.31	0.6	0.08	9,053,807	209.58
35	COX ELEMENTARY	S 16	585,761	67	68.5	5.31	0.6	0.08	1,109,047	25.67
36	COLE ELEMENTARY	S 17	395,293	67	68.5	5.31	0.6	0.08	748,426	17.32
37	FUTURE SCHOOL	S 19	763,485	67	68.5	5.31	0.6	0.08	1,445,538	33.46
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	5.31	0.6	0.08	4,540,718	105.11
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	5.31	VARIES	0.08	26,697,600	618.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.08	5,227,200	121.00
41	TOTAL DEMAND								118,046,672	2,854

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 10C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF OCTOBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Oct Eto (in/mo)	Landscape Coefficient	Oct Effective Rainfall (in/mo)	Oct Demand (gal/mo)	Oct Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	3.42	0.6	0.23	126,608	2.93
2	COMMERCIAL	C 27	1,048,275	10	59.9	3.42	0.6	0.23	198,875	4.60
3	COMMERCIAL	C 32	406,602	10	59.9	3.42	0.6	0.23	77,139	1.79
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	3.42	0.6	0.23	4,419,409	102.30
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	3.42	0.6	0.23	1,590,117	36.81
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	3.42	0.6	0.23	1,987,437	46.01
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	3.42	0.6	0.23	1,660,548	38.44
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	3.42	0.6	0.23	19,774,646	457.75
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	3.42	0.6	0.23	70,146	1.62
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	3.42	0.6	0.23	70,335	1.63
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	3.42	0.6	0.23	297,994	6.90
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	3.42	0.6	0.23	2,141,304	49.57
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	3.42	0.6	0.23	151,597	3.51
14	FUTURE PARK SITE	R 20	762,879	90	68.5	3.42	0.6	0.23	1,138,829	26.36
15	FUTURE PARK SITE	R 23	59,870	90	68.5	3.42	0.6	0.23	89,374	2.07
16	FUTURE PARK SITE	R 24	509,254	90	68.5	3.42	0.6	0.23	760,217	17.60
17	FUTURE PARK SITE	R 25	337,952	90	68.5	3.42	0.6	0.23	504,496	11.68
18	FUTURE PARK SITE	R 26	293,586	90	68.5	3.42	0.6	0.23	438,266	10.15
19	FUTURE PARK SITE	R 27	268,762	90	68.5	3.42	0.6	0.23	401,210	9.29
20	FUTURE PARK SITE	R 28	212,540	90	68.5	3.42	0.6	0.23	317,280	7.34
21	FUTURE PARK SITE	R 29	219,262	90	68.5	3.42	0.6	0.23	327,315	7.58
22	EXISTING PARK SITE	R 33	170,649	90	68.5	3.42	0.6	0.23	254,746	5.90
23	EXISTING PARK SITE	R 40	143,836	90	68.5	3.42	0.6	0.23	214,720	4.97
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	3.42	0.6	0.23	1,150,451	26.63
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	3.42	0.6	0.23	77,409	1.79
26	COLE	R 68	207,420	90	68.5	3.42	0.6	0.23	309,637	7.17
27	FUTURE SCHOOL	S 23	822,513	67	68.5	3.42	0.6	0.23	914,067	21.16
28	FUTURE SCHOOL	S 2	650,040	67	68.5	3.42	0.6	0.23	722,395	16.72
29	FUTURE SCHOOL	S 4	653,730	67	68.5	3.42	0.6	0.23	726,497	16.82
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	3.42	0.6	0.23	872,525	20.20
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	3.42	0.6	0.23	562,280	13.02
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	3.42	0.6	0.23	722,800	16.73
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	3.42	0.6	0.23	629,145	14.56
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	3.42	0.6	0.23	5,314,191	123.01
35	COX ELEMENTARY	S 16	585,761	67	68.5	3.42	0.6	0.23	650,962	15.07
36	COLE ELEMENTARY	S 17	395,293	67	68.5	3.42	0.6	0.23	439,293	10.17
37	FUTURE SCHOOL	S 19	763,485	67	68.5	3.42	0.6	0.23	848,468	19.64
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	3.42	0.6	0.23	2,665,204	61.69
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	3.42	VARIES	0.23	5,529,600	128.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.23	498,528	11.54
41	TOTAL DEMAND								59,147,534	1,381

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 11C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF NOVEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Nov Eto (in/mo)	Landscape Coefficient	Nov Effective Rainfall (in/mo)	Nov Demand (gal/mo)	Nov Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	1.42	0.6	0.54	21,362	0.49
2	COMMERCIAL	C 27	1,048,275	10	59.9	1.42	0.6	0.54	33,555	0.78
3	COMMERCIAL	C 32	406,602	10	59.9	1.42	0.6	0.54	13,015	0.30
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	1.42	0.6	0.54	745,662	17.26
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	1.42	0.6	0.54	268,291	6.21
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	1.42	0.6	0.54	335,329	7.76
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	1.42	0.6	0.54	280,175	6.49
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	1.42	0.6	0.54	3,336,463	77.23
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	1.42	0.6	0.54	11,835	0.27
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	1.42	0.6	0.54	11,867	0.27
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	1.42	0.6	0.54	50,279	1.16
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	1.42	0.6	0.54	361,290	8.36
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	1.42	0.6	0.54	25,578	0.59
14	FUTURE PARK SITE	R 20	762,879	90	68.5	1.42	0.6	0.54	192,148	4.45
15	FUTURE PARK SITE	R 23	59,870	90	68.5	1.42	0.6	0.54	15,080	0.35
16	FUTURE PARK SITE	R 24	509,254	90	68.5	1.42	0.6	0.54	128,267	2.97
17	FUTURE PARK SITE	R 25	337,952	90	68.5	1.42	0.6	0.54	85,121	1.97
18	FUTURE PARK SITE	R 26	293,586	90	68.5	1.42	0.6	0.54	73,946	1.71
19	FUTURE PARK SITE	R 27	268,762	90	68.5	1.42	0.6	0.54	67,694	1.57
20	FUTURE PARK SITE	R 28	212,540	90	68.5	1.42	0.6	0.54	53,533	1.24
21	FUTURE PARK SITE	R 29	219,262	90	68.5	1.42	0.6	0.54	55,226	1.28
22	EXISTING PARK SITE	R 33	170,649	90	68.5	1.42	0.6	0.54	42,982	0.99
23	EXISTING PARK SITE	R 40	143,836	90	68.5	1.42	0.6	0.54	36,228	0.84
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	1.42	0.6	0.54	194,109	4.49
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	1.42	0.6	0.54	13,061	0.30
26	COLE	R 68	207,420	90	68.5	1.42	0.6	0.54	52,243	1.21
27	FUTURE SCHOOL	S 23	822,513	67	68.5	1.42	0.6	0.54	154,225	3.57
28	FUTURE SCHOOL	S 2	650,040	67	68.5	1.42	0.6	0.54	121,886	2.82
29	FUTURE SCHOOL	S 4	653,730	67	68.5	1.42	0.6	0.54	122,578	2.84
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	1.42	0.6	0.54	147,216	3.41
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	1.42	0.6	0.54	94,870	2.20
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	1.42	0.6	0.54	121,954	2.82
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	1.42	0.6	0.54	106,152	2.46
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	1.42	0.6	0.54	896,633	20.76
35	COX ELEMENTARY	S 16	585,761	67	68.5	1.42	0.6	0.54	109,833	2.54
36	COLE ELEMENTARY	S 17	395,293	67	68.5	1.42	0.6	0.54	74,119	1.72
37	FUTURE SCHOOL	S 19	763,485	67	68.5	1.42	0.6	0.54	143,157	3.31
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	1.42	0.6	0.54	449,685	10.41
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	1.42	VARIES	0.54	0	0.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.54	372,384	8.62
41	TOTAL DEMAND								9,046,647	218

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

TABLE 12C: PHASE 3 RECYCLED WATER DEMAND CALCULATIONS FOR THE MONTH OF DECEMBER

No.	Description	ID	Area (sf)	Percent Irrigable (%)	Irrigation Efficiency (%)	Dec Eto (in/mo)	Landscape Coefficient	Dec Effective Rainfall (in/mo)	Dec Demand (gal/mo)	Dec Demand (gpm)
1	COMMERCIAL	C 18	667,352	10	59.9	0.73	0.6	0.68	0	0.00
2	COMMERCIAL	C 27	1,048,275	10	59.9	0.73	0.6	0.68	0	0.00
3	COMMERCIAL	C 32	406,602	10	59.9	0.73	0.6	0.68	0	0.00
4	STATE ROUTE 168	F 5	6,661,068	40	68.5	0.73	0.6	0.68	0	0.00
5	STATE ROUTE 168	F 4	2,396,672	40	68.5	0.73	0.6	0.68	0	0.00
6	STATE ROUTE 168	F 3	2,995,526	40	68.5	0.73	0.6	0.68	0	0.00
7	STATE ROUTE 168	F 2	2,502,829	40	68.5	0.73	0.6	0.68	0	0.00
8	SE URBAN CTR MEDIANS & PARKWAYS	U 1	10,423,246	100	59.9	0.73	0.6	0.68	0	0.00
9	PUBLIC FACILITIES	P 3	184,870	20	59.9	0.73	0.6	0.68	0	0.00
10	PUBLIC FACILITIES	P 4	185,368	20	59.9	0.73	0.6	0.68	0	0.00
11	PUBLIC FACILITIES	P 5	785,365	20	59.9	0.73	0.6	0.68	0	0.00
12	CLOVIS CEMETERY	P 10	1,434,417	90	68.5	0.73	0.6	0.68	0	0.00
13	PUBLIC FACILITIES	P 18	399,536	20	59.9	0.73	0.6	0.68	0	0.00
14	FUTURE PARK SITE	R 20	762,879	90	68.5	0.73	0.6	0.68	0	0.00
15	FUTURE PARK SITE	R 23	59,870	90	68.5	0.73	0.6	0.68	0	0.00
16	FUTURE PARK SITE	R 24	509,254	90	68.5	0.73	0.6	0.68	0	0.00
17	FUTURE PARK SITE	R 25	337,952	90	68.5	0.73	0.6	0.68	0	0.00
18	FUTURE PARK SITE	R 26	293,586	90	68.5	0.73	0.6	0.68	0	0.00
19	FUTURE PARK SITE	R 27	268,762	90	68.5	0.73	0.6	0.68	0	0.00
20	FUTURE PARK SITE	R 28	212,540	90	68.5	0.73	0.6	0.68	0	0.00
21	FUTURE PARK SITE	R 29	219,262	90	68.5	0.73	0.6	0.68	0	0.00
22	EXISTING PARK SITE	R 33	170,649	90	68.5	0.73	0.6	0.68	0	0.00
23	EXISTING PARK SITE	R 40	143,836	90	68.5	0.73	0.6	0.68	0	0.00
24	SIERRA BICENTENNIAL	R 51	770,665	90	68.5	0.73	0.6	0.68	0	0.00
25	TREASURE INGMIRE PARK	R 55	51,855	90	68.5	0.73	0.6	0.68	0	0.00
26	COLE	R 68	207,420	90	68.5	0.73	0.6	0.68	0	0.00
27	FUTURE SCHOOL	S 23	822,513	67	68.5	0.73	0.6	0.68	0	0.00
28	FUTURE SCHOOL	S 2	650,040	67	68.5	0.73	0.6	0.68	0	0.00
29	FUTURE SCHOOL	S 4	653,730	67	68.5	0.73	0.6	0.68	0	0.00
30	DRY CREEK ELEMENTARY	S 8	785,132	67	68.5	0.73	0.6	0.68	0	0.00
31	WELDON ELEMENTARY	S 10	505,962	67	68.5	0.73	0.6	0.68	0	0.00
32	RED BANK ELEMENTARY	S 11	650,404	67	68.5	0.73	0.6	0.68	0	0.00
33	FREEDOM ELEMENTARY	S 12	566,129	67	68.5	0.73	0.6	0.68	0	0.00
34	CLOVIS EAST COMPLEX	S 13	6,282,126	51	68.5	0.73	0.6	0.68	0	0.00
35	COX ELEMENTARY	S 16	585,761	67	68.5	0.73	0.6	0.68	0	0.00
36	COLE ELEMENTARY	S 17	395,293	67	68.5	0.73	0.6	0.68	0	0.00
37	FUTURE SCHOOL	S 19	763,485	67	68.5	0.73	0.6	0.68	0	0.00
38	HARLAN RANCH MEDIANS AND PARKWAYS	U 2	1,404,833	100	59.9	0.73	0.6	0.68	0	0.00
39	FSU AGRICULTURAL FIELDS*	A 1	34,285,848	VARIES	VARIES	0.73	VARIES	0.68	0	0.00
40	FUTURE LAKE WITHIN SE URBAN CENTER	L 1	1,568,160	N/A	N/A	N/A	N/A	0.68	0	0.00
41	TOTAL DEMAND								0	0

* FSU's demand served with recycled water is estimated at 42% of FSU's total agricultural demand.

Appendix C

Hydraulic Modeling Output Data For Phases 1, 2 & 3

Phase 1 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	494.81	54.56
2	<input type="checkbox"/>	112	0.00	374.62	494.02	51.74
3	<input type="checkbox"/>	116	129.78	378.08	493.48	50.00
4	<input type="checkbox"/>	120	217.38	385.56	493.05	46.57
5	<input type="checkbox"/>	124	147.93	387.85	492.70	45.43
6	<input type="checkbox"/>	128	88.86	390.02	492.48	44.39
7	<input type="checkbox"/>	132	38.55	383.45	492.27	47.15
8	<input type="checkbox"/>	136	0.00	377.67	492.10	49.58
9	<input type="checkbox"/>	144	0.00	382.00	491.92	47.63
10	<input type="checkbox"/>	148	0.00	384.90	491.55	46.21
11	<input type="checkbox"/>	152	0.00	387.06	491.34	45.18
12	<input type="checkbox"/>	156	0.00	387.15	491.24	45.10
13	<input type="checkbox"/>	160	0.00	385.30	491.18	45.88
14	<input type="checkbox"/>	168	0.00	392.25	490.96	42.77
15	<input type="checkbox"/>	288	0.00	375.46	488.45	48.96
16	<input type="checkbox"/>	328	0.00	397.27	481.51	36.50
17	<input type="checkbox"/>	332	32.92	401.51	476.60	32.54
18	<input type="checkbox"/>	336	0.00	407.21	471.50	27.86
19	<input type="checkbox"/>	340	0.00	406.47	469.04	27.11
20	<input type="checkbox"/>	344	0.00	404.87	467.31	27.06
21	<input type="checkbox"/>	388	100.11	376.45	489.33	48.91
22	<input type="checkbox"/>	392	229.38	377.15	488.39	48.20
23	<input type="checkbox"/>	396	92.27	378.22	488.33	47.71
24	<input type="checkbox"/>	400	0.00	381.65	488.34	46.23
25	<input type="checkbox"/>	404	109.43	379.03	488.07	47.25
26	<input type="checkbox"/>	536	401.10	382.20	491.24	47.25
27	<input type="checkbox"/>	560	0.00	382.50	491.75	47.34
28	<input type="checkbox"/>	592	320.21	382.88	488.45	45.75
29	<input type="checkbox"/>	596	318.08	387.55	483.57	41.61

Phase 1 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	488.45	49.71
31	<input type="checkbox"/>	648	89.16	381.62	490.39	47.13
32	<input type="checkbox"/>	652	263.48	377.56	488.17	47.93
33	<input type="checkbox"/>	269	0.00	374.15	488.45	49.53
34	<input type="checkbox"/>	301	0.00	371.42	495.92	53.95
35	<input type="checkbox"/>	305	0.00	379.25	496.97	51.01
36	<input type="checkbox"/>	309	0.00	382.11	497.52	50.01
37	<input type="checkbox"/>	616	1,963.30	371.92	494.29	53.02
38	<input type="checkbox"/>	385	0.00	385.91	485.06	42.96
39	<input type="checkbox"/>	445	152.43	366.80	490.59	53.64
40	<input type="checkbox"/>	449	2.76	362.01	490.98	55.89
41	<input type="checkbox"/>	457	57.99	363.91	491.80	55.42
42	<input type="checkbox"/>	461	150.63	368.29	492.65	53.89
43	<input type="checkbox"/>	501	107.43	381.45	488.81	46.52
44	<input type="checkbox"/>	537	334.43	388.65	491.68	44.64
45	<input type="checkbox"/>	541	204.34	386.87	491.62	45.39
46	<input type="checkbox"/>	557	0.00	388.94	490.96	44.20
47	<input type="checkbox"/>	561	0.00	397.45	490.96	40.52
48	<input type="checkbox"/>	565	0.00	398.88	490.96	39.90
49	<input type="checkbox"/>	569	0.00	434.83	490.96	24.32
50	<input type="checkbox"/>	573	10.00	417.23	490.96	31.95
51	<input type="checkbox"/>	601	0.00	378.25	488.77	47.89
52	<input type="checkbox"/>	617	0.00	404.84	490.96	37.31
53	<input type="checkbox"/>	621	0.00	430.05	490.96	26.39
54	<input type="checkbox"/>	625	0.00	397.76	490.96	40.38
55	<input type="checkbox"/>	633	0.00	395.99	490.96	41.15
56	<input type="checkbox"/>	637	0.00	462.63	490.96	12.28
57	<input type="checkbox"/>	649	0.00	398.97	490.96	39.86
58	<input type="checkbox"/>	657	0.00	397.59	490.96	40.46

Phase 1 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	492.01	51.64
60	<input type="checkbox"/>	665	10.00	404.88	543.41	60.03
61	<input type="checkbox"/>	677	120.06	408.63	540.12	56.97
62	<input type="checkbox"/>	681	120.06	410.53	529.34	51.48
63	<input type="checkbox"/>	693	120.06	424.36	522.09	42.35
64	<input type="checkbox"/>	697	120.06	425.95	522.06	41.65
65	<input type="checkbox"/>	701	120.06	420.33	522.13	44.11
66	<input type="checkbox"/>	705	0.00	418.20	522.37	45.14
67	<input type="checkbox"/>	709	120.06	415.88	522.55	46.22
68	<input type="checkbox"/>	713	400.50	414.27	522.86	47.05
69	<input type="checkbox"/>	717	120.06	413.98	525.30	48.24
70	<input type="checkbox"/>	741	120.06	420.07	522.52	44.39
71	<input type="checkbox"/>	753	0.00	407.86	533.54	54.46
72	<input type="checkbox"/>	757	120.06	416.30	523.92	46.63
73	<input type="checkbox"/>	761	120.06	421.52	522.28	43.66

Phase 1 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	495.60	54.90
2	<input type="checkbox"/>	112	0.00	374.62	495.02	52.17
3	<input type="checkbox"/>	116	129.78	378.08	494.58	50.48
4	<input type="checkbox"/>	120	217.38	385.56	494.24	47.09
5	<input type="checkbox"/>	124	147.93	387.85	493.95	45.97
6	<input type="checkbox"/>	128	88.86	390.02	493.75	44.94
7	<input type="checkbox"/>	132	38.55	383.45	493.56	47.71
8	<input type="checkbox"/>	136	0.00	377.67	493.40	50.15
9	<input type="checkbox"/>	144	0.00	382.00	493.23	48.20
10	<input type="checkbox"/>	148	0.00	384.90	492.90	46.79
11	<input type="checkbox"/>	152	0.00	387.06	492.71	45.78
12	<input type="checkbox"/>	156	0.00	387.15	492.61	45.70
13	<input type="checkbox"/>	160	0.00	385.30	492.56	46.47
14	<input type="checkbox"/>	168	0.00	392.25	492.36	43.38
15	<input type="checkbox"/>	288	0.00	375.46	489.83	49.56
16	<input type="checkbox"/>	328	0.00	397.27	482.92	37.11
17	<input type="checkbox"/>	332	32.92	401.51	478.00	33.14
18	<input type="checkbox"/>	336	0.00	407.21	472.90	28.46
19	<input type="checkbox"/>	340	0.00	406.47	470.44	27.72
20	<input type="checkbox"/>	344	0.00	404.87	468.71	27.66
21	<input type="checkbox"/>	388	100.11	376.45	491.99	50.07
22	<input type="checkbox"/>	392	150.73	377.15	491.61	49.60
23	<input type="checkbox"/>	396	51.45	378.22	491.59	49.12
24	<input type="checkbox"/>	400	0.00	381.65	491.60	47.64
25	<input type="checkbox"/>	404	61.01	379.03	491.51	48.73
26	<input type="checkbox"/>	536	401.10	382.20	492.57	47.82
27	<input type="checkbox"/>	560	0.00	382.50	493.08	47.92
28	<input type="checkbox"/>	592	320.21	382.88	489.83	46.34
29	<input type="checkbox"/>	596	209.02	387.55	488.97	43.94

Phase 1 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	489.83	50.30
31	<input type="checkbox"/>	648	89.16	381.62	492.56	48.07
32	<input type="checkbox"/>	652	173.14	377.56	491.49	49.36
33	<input type="checkbox"/>	269	0.00	374.15	489.83	50.13
34	<input type="checkbox"/>	301	0.00	371.42	496.38	54.15
35	<input type="checkbox"/>	305	0.00	379.25	497.12	51.07
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	1,290.17	371.92	495.24	53.44
38	<input type="checkbox"/>	385	0.00	385.91	489.65	44.95
39	<input type="checkbox"/>	445	152.43	366.80	492.47	54.46
40	<input type="checkbox"/>	449	2.76	362.01	492.73	56.64
41	<input type="checkbox"/>	457	57.99	363.91	493.26	56.05
42	<input type="checkbox"/>	461	150.63	368.29	493.90	54.43
43	<input type="checkbox"/>	501	107.43	381.45	491.78	47.80
44	<input type="checkbox"/>	537	219.77	388.65	493.48	45.42
45	<input type="checkbox"/>	541	113.93	386.87	493.43	46.17
46	<input type="checkbox"/>	557	0.00	388.94	492.36	44.81
47	<input type="checkbox"/>	561	0.00	397.45	492.36	41.12
48	<input type="checkbox"/>	565	0.00	398.88	492.36	40.51
49	<input type="checkbox"/>	569	0.00	434.83	492.36	24.93
50	<input type="checkbox"/>	573	10.00	417.23	492.36	32.55
51	<input type="checkbox"/>	601	0.00	378.25	491.76	49.19
52	<input type="checkbox"/>	617	0.00	404.84	492.36	37.92
53	<input type="checkbox"/>	621	0.00	430.05	492.36	27.00
54	<input type="checkbox"/>	625	0.00	397.76	492.36	40.99
55	<input type="checkbox"/>	633	0.00	395.99	492.36	41.76
56	<input type="checkbox"/>	637	0.00	462.63	492.36	12.88
57	<input type="checkbox"/>	649	0.00	398.97	492.36	40.47
58	<input type="checkbox"/>	657	0.00	397.59	492.36	41.07

Phase 1 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	493.32	52.21
60	<input type="checkbox"/>	665	10.00	404.88	543.37	60.01
61	<input type="checkbox"/>	677	120.06	408.63	540.08	56.96
62	<input type="checkbox"/>	681	120.06	410.53	529.30	51.46
63	<input type="checkbox"/>	693	120.06	424.36	522.05	42.33
64	<input type="checkbox"/>	697	120.06	425.95	522.02	41.63
65	<input type="checkbox"/>	701	120.06	420.33	522.09	44.09
66	<input type="checkbox"/>	705	0.00	418.20	522.34	45.12
67	<input type="checkbox"/>	709	120.06	415.88	522.52	46.21
68	<input type="checkbox"/>	713	400.50	414.27	522.82	47.03
69	<input type="checkbox"/>	717	120.06	413.98	525.26	48.22
70	<input type="checkbox"/>	741	120.06	420.07	522.48	44.37
71	<input type="checkbox"/>	753	0.00	407.86	533.50	54.44
72	<input type="checkbox"/>	757	120.06	416.30	523.88	46.61
73	<input type="checkbox"/>	761	120.06	421.52	522.24	43.64

Phase 1 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	495.92	55.04
2	<input type="checkbox"/>	112	0.00	374.62	495.45	52.35
3	<input type="checkbox"/>	116	129.78	378.08	495.10	50.70
4	<input type="checkbox"/>	120	217.38	385.56	494.84	47.35
5	<input type="checkbox"/>	124	147.93	387.85	494.63	46.27
6	<input type="checkbox"/>	128	88.86	390.02	494.49	45.27
7	<input type="checkbox"/>	132	38.55	383.45	494.37	48.06
8	<input type="checkbox"/>	136	0.00	377.67	494.26	50.52
9	<input type="checkbox"/>	144	0.00	382.00	494.16	48.60
10	<input type="checkbox"/>	148	0.00	384.90	493.92	47.24
11	<input type="checkbox"/>	152	0.00	387.06	493.77	46.24
12	<input type="checkbox"/>	156	0.00	387.15	493.70	46.17
13	<input type="checkbox"/>	160	0.00	385.30	493.67	46.95
14	<input type="checkbox"/>	168	0.00	392.25	493.51	43.88
15	<input type="checkbox"/>	288	0.00	375.46	491.87	50.44
16	<input type="checkbox"/>	328	0.00	397.27	486.50	38.66
17	<input type="checkbox"/>	332	32.92	401.51	482.84	35.24
18	<input type="checkbox"/>	336	0.00	407.21	479.08	31.14
19	<input type="checkbox"/>	340	0.00	406.47	477.27	30.68
20	<input type="checkbox"/>	344	0.00	404.87	475.99	30.82
21	<input type="checkbox"/>	388	100.11	376.45	492.55	50.30
22	<input type="checkbox"/>	392	150.73	377.15	492.19	49.85
23	<input type="checkbox"/>	396	51.45	378.22	492.17	49.38
24	<input type="checkbox"/>	400	0.00	381.65	492.18	47.89
25	<input type="checkbox"/>	404	61.01	379.03	492.09	48.99
26	<input type="checkbox"/>	536	163.11	382.20	493.96	48.43
27	<input type="checkbox"/>	560	0.00	382.50	494.06	48.34
28	<input type="checkbox"/>	592	255.75	382.88	491.87	47.22
29	<input type="checkbox"/>	596	209.02	387.55	490.12	44.44

Phase 1 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	■	628	0.00	373.74	491.87	51.18
31	■	648	89.16	381.62	493.25	48.37
32	■	652	173.14	377.56	492.11	49.63
33	■	269	0.00	374.15	491.87	51.01
34	■	301	0.00	371.42	496.57	54.23
35	■	305	0.00	379.25	497.18	51.10
36	■	309	0.00	382.11	497.51	50.00
37	■	616	1,290.17	371.92	495.62	53.60
38	■	385	0.00	385.91	490.80	45.45
39	■	445	152.43	366.80	492.98	54.67
40	■	449	2.76	362.01	493.22	56.85
41	■	457	57.99	363.91	493.73	56.25
42	■	461	150.63	368.29	494.36	54.63
43	■	501	107.43	381.45	492.39	48.07
44	■	537	219.77	388.65	494.16	45.72
45	■	541	113.93	386.87	494.11	46.47
46	■	557	0.00	388.94	493.51	45.31
47	■	561	0.00	397.45	493.51	41.62
48	■	565	0.00	398.88	493.51	41.00
49	■	569	0.00	434.83	493.51	25.43
50	■	573	10.00	417.23	493.51	33.05
51	■	601	0.00	378.25	492.39	49.45
52	■	617	0.00	404.84	493.51	38.42
53	■	621	0.00	430.05	493.51	27.50
54	■	625	0.00	397.76	493.51	41.49
55	■	633	0.00	395.99	493.51	42.25
56	■	637	0.00	462.63	493.51	13.38
57	■	649	0.00	398.97	493.51	40.97
58	■	657	0.00	397.59	493.51	41.56

Phase 1 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	494.21	52.59
60	<input type="checkbox"/>	665	10.00	404.88	543.38	60.01
61	<input type="checkbox"/>	677	120.06	408.63	540.96	57.34
62	<input type="checkbox"/>	681	120.06	410.53	533.23	53.16
63	<input type="checkbox"/>	693	120.06	424.36	527.87	44.85
64	<input type="checkbox"/>	697	120.06	425.95	527.86	44.16
65	<input type="checkbox"/>	701	120.06	420.33	528.06	46.68
66	<input type="checkbox"/>	705	0.00	418.20	528.43	47.76
67	<input type="checkbox"/>	709	120.06	415.88	528.70	48.89
68	<input type="checkbox"/>	713	156.51	414.27	529.10	49.75
69	<input type="checkbox"/>	717	120.06	413.98	530.43	50.46
70	<input type="checkbox"/>	741	120.06	420.07	528.15	46.83
71	<input type="checkbox"/>	753	0.00	407.86	536.24	55.63
72	<input type="checkbox"/>	757	120.06	416.30	529.27	48.95
73	<input type="checkbox"/>	761	120.06	421.52	527.97	46.12

Phase 1 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	496.28	55.19
2	<input type="checkbox"/>	112	0.00	374.62	495.93	52.57
3	<input type="checkbox"/>	116	129.78	378.08	495.70	50.96
4	<input type="checkbox"/>	120	217.38	385.56	495.52	47.65
5	<input type="checkbox"/>	124	147.93	387.85	495.40	46.60
6	<input type="checkbox"/>	128	88.86	390.02	495.32	45.63
7	<input type="checkbox"/>	132	38.55	383.45	495.26	48.45
8	<input type="checkbox"/>	136	0.00	377.67	495.21	50.93
9	<input type="checkbox"/>	144	0.00	382.00	495.15	49.03
10	<input type="checkbox"/>	148	0.00	384.90	495.04	47.72
11	<input type="checkbox"/>	152	0.00	387.06	494.98	46.76
12	<input type="checkbox"/>	156	0.00	387.15	494.95	46.71
13	<input type="checkbox"/>	160	0.00	385.30	494.93	47.50
14	<input type="checkbox"/>	168	0.00	392.25	494.87	44.47
15	<input type="checkbox"/>	288	0.00	375.46	493.13	50.99
16	<input type="checkbox"/>	328	0.00	397.27	492.66	41.34
17	<input type="checkbox"/>	332	32.92	401.51	491.52	39.00
18	<input type="checkbox"/>	336	0.00	407.21	490.38	36.04
19	<input type="checkbox"/>	340	0.00	406.47	489.83	36.12
20	<input type="checkbox"/>	344	0.00	404.87	489.44	36.65
21	<input type="checkbox"/>	388	100.11	376.45	493.36	50.66
22	<input type="checkbox"/>	392	150.73	377.15	493.08	50.23
23	<input type="checkbox"/>	396	37.47	378.22	493.08	49.77
24	<input type="checkbox"/>	400	0.00	381.65	493.10	48.29
25	<input type="checkbox"/>	404	44.43	379.03	493.05	49.40
26	<input type="checkbox"/>	536	163.11	382.20	495.01	48.88
27	<input type="checkbox"/>	560	0.00	382.50	495.11	48.79
28	<input type="checkbox"/>	592	255.75	382.88	493.13	47.77
29	<input type="checkbox"/>	596	209.02	387.55	491.47	45.03

Phase 1 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	493.13	51.73
31	<input type="checkbox"/>	648	89.16	381.62	494.13	48.75
32	<input type="checkbox"/>	652	173.14	377.56	492.99	50.01
33	<input type="checkbox"/>	269	0.00	374.15	493.13	51.55
34	<input type="checkbox"/>	301	0.00	371.42	496.78	54.32
35	<input type="checkbox"/>	305	0.00	379.25	497.26	51.13
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	1,290.17	371.92	496.05	53.79
38	<input type="checkbox"/>	385	0.00	385.91	492.16	46.04
39	<input type="checkbox"/>	445	152.43	366.80	493.67	54.97
40	<input type="checkbox"/>	449	2.76	362.01	493.88	57.14
41	<input type="checkbox"/>	457	57.99	363.91	494.33	56.51
42	<input type="checkbox"/>	461	150.63	368.29	494.91	54.87
43	<input type="checkbox"/>	501	107.43	381.45	493.27	48.45
44	<input type="checkbox"/>	537	219.77	388.65	494.93	46.05
45	<input type="checkbox"/>	541	82.97	386.87	495.00	46.85
46	<input type="checkbox"/>	557	0.00	388.94	494.87	45.90
47	<input type="checkbox"/>	561	0.00	397.45	494.87	42.21
48	<input type="checkbox"/>	565	0.00	398.88	494.87	41.59
49	<input type="checkbox"/>	569	0.00	434.83	494.87	26.02
50	<input type="checkbox"/>	573	10.00	417.23	494.87	33.64
51	<input type="checkbox"/>	601	0.00	378.25	493.26	49.83
52	<input type="checkbox"/>	617	0.00	404.84	494.87	39.01
53	<input type="checkbox"/>	621	0.00	430.05	494.87	28.09
54	<input type="checkbox"/>	625	0.00	397.76	494.87	42.08
55	<input type="checkbox"/>	633	0.00	395.99	494.87	42.84
56	<input type="checkbox"/>	637	0.00	462.63	494.87	13.97
57	<input type="checkbox"/>	649	0.00	398.97	494.87	41.55
58	<input type="checkbox"/>	657	0.00	397.59	494.87	42.15

Phase 1 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	495.18	53.01
60	<input type="checkbox"/>	665	10.00	404.88	543.36	60.01
61	<input type="checkbox"/>	677	55.01	408.63	542.64	58.07
62	<input type="checkbox"/>	681	55.01	410.53	540.28	56.22
63	<input type="checkbox"/>	693	55.01	424.36	538.69	49.54
64	<input type="checkbox"/>	697	55.01	425.95	538.69	48.85
65	<input type="checkbox"/>	701	55.01	420.33	538.71	51.29
66	<input type="checkbox"/>	705	0.00	418.20	538.77	52.25
67	<input type="checkbox"/>	709	55.01	415.88	538.82	53.27
68	<input type="checkbox"/>	713	156.51	414.27	538.90	54.00
69	<input type="checkbox"/>	717	55.01	413.98	539.41	54.35
70	<input type="checkbox"/>	741	55.01	420.07	538.78	51.44
71	<input type="checkbox"/>	753	0.00	407.86	541.20	57.78
72	<input type="checkbox"/>	757	55.01	416.30	539.09	53.21
73	<input type="checkbox"/>	761	55.01	421.52	538.73	50.79

Phase 1 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.36	55.66
2	<input type="checkbox"/>	112	0.00	374.62	497.31	53.16
3	<input type="checkbox"/>	116	129.78	378.08	497.27	51.64
4	<input type="checkbox"/>	120	217.38	385.56	497.24	48.39
5	<input type="checkbox"/>	124	147.93	387.85	497.23	47.40
6	<input type="checkbox"/>	128	88.86	390.02	497.23	46.45
7	<input type="checkbox"/>	132	38.55	383.45	497.22	49.30
8	<input type="checkbox"/>	136	0.00	377.67	497.22	51.80
9	<input type="checkbox"/>	144	0.00	382.00	497.22	49.93
10	<input type="checkbox"/>	148	0.00	384.90	497.22	48.67
11	<input type="checkbox"/>	152	0.00	387.06	497.22	47.73
12	<input type="checkbox"/>	156	0.00	387.15	497.22	47.69
13	<input type="checkbox"/>	160	0.00	385.30	497.22	48.49
14	<input type="checkbox"/>	168	0.00	392.25	497.22	45.49
15	<input type="checkbox"/>	288	0.00	375.46	497.22	52.76
16	<input type="checkbox"/>	328	0.00	397.27	497.22	43.31
17	<input type="checkbox"/>	332	0.00	401.51	497.22	41.47
18	<input type="checkbox"/>	336	0.00	407.21	497.22	39.00
19	<input type="checkbox"/>	340	0.00	406.47	497.22	39.32
20	<input type="checkbox"/>	344	0.00	404.87	497.22	40.02
21	<input type="checkbox"/>	388	100.11	376.45	496.49	52.01
22	<input type="checkbox"/>	392	0.00	377.15	496.52	51.72
23	<input type="checkbox"/>	396	0.00	378.22	496.54	51.27
24	<input type="checkbox"/>	400	0.00	381.65	496.57	49.80
25	<input type="checkbox"/>	404	0.00	379.03	496.57	50.93
26	<input type="checkbox"/>	536	163.11	382.20	497.12	49.79
27	<input type="checkbox"/>	560	0.00	382.50	497.22	49.71
28	<input type="checkbox"/>	592	0.00	382.88	497.22	49.54
29	<input type="checkbox"/>	596	0.00	387.55	497.22	47.52

Phase 1 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.22	53.50
31	<input type="checkbox"/>	648	89.16	381.62	496.85	49.93
32	<input type="checkbox"/>	652	0.00	377.56	496.74	51.64
33	<input type="checkbox"/>	269	0.00	374.15	497.22	53.33
34	<input type="checkbox"/>	301	0.00	371.42	497.42	54.59
35	<input type="checkbox"/>	305	0.00	379.25	497.47	51.23
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.34	54.34
38	<input type="checkbox"/>	385	0.00	385.91	497.22	48.23
39	<input type="checkbox"/>	445	152.43	366.80	496.32	56.12
40	<input type="checkbox"/>	449	2.76	362.01	496.36	58.21
41	<input type="checkbox"/>	457	57.99	363.91	496.44	57.43
42	<input type="checkbox"/>	461	150.63	368.29	496.71	55.65
43	<input type="checkbox"/>	501	107.43	381.45	496.63	49.91
44	<input type="checkbox"/>	537	0.00	388.65	497.23	47.05
45	<input type="checkbox"/>	541	0.00	386.87	497.17	47.79
46	<input type="checkbox"/>	557	0.00	388.94	497.22	46.92
47	<input type="checkbox"/>	561	0.00	397.45	497.22	43.23
48	<input type="checkbox"/>	565	0.00	398.88	497.22	42.61
49	<input type="checkbox"/>	569	0.00	434.83	497.22	27.03
50	<input type="checkbox"/>	573	10.00	417.23	497.22	34.66
51	<input type="checkbox"/>	601	0.00	378.25	496.74	51.34
52	<input type="checkbox"/>	617	0.00	404.84	497.22	40.03
53	<input type="checkbox"/>	621	0.00	430.05	497.22	29.11
54	<input type="checkbox"/>	625	0.00	397.76	497.22	43.09
55	<input type="checkbox"/>	633	0.00	395.99	497.22	43.86
56	<input type="checkbox"/>	637	0.00	462.63	497.22	14.99
57	<input type="checkbox"/>	649	0.00	398.97	497.22	42.57
58	<input type="checkbox"/>	657	0.00	397.59	497.22	43.17

Phase 1 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	497.22	53.90
60	<input type="checkbox"/>	665	10.00	404.88	543.36	60.00
61	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
62	<input type="checkbox"/>	681	0.00	410.53	543.36	57.55
63	<input type="checkbox"/>	693	0.00	424.36	543.36	51.56
64	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
65	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
66	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
67	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
68	<input type="checkbox"/>	713	0.00	414.27	543.36	55.93
69	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
70	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
71	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
72	<input type="checkbox"/>	757	0.00	416.30	543.36	55.05
73	<input type="checkbox"/>	761	0.00	421.52	543.36	52.79

Phase 1 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.36	55.66
2	<input type="checkbox"/>	112	0.00	374.62	497.31	53.16
3	<input type="checkbox"/>	116	129.78	378.08	497.27	51.64
4	<input type="checkbox"/>	120	217.38	385.56	497.24	48.39
5	<input type="checkbox"/>	124	147.93	387.85	497.23	47.40
6	<input type="checkbox"/>	128	88.86	390.02	497.23	46.45
7	<input type="checkbox"/>	132	38.55	383.45	497.22	49.30
8	<input type="checkbox"/>	136	0.00	377.67	497.22	51.80
9	<input type="checkbox"/>	144	0.00	382.00	497.22	49.93
10	<input type="checkbox"/>	148	0.00	384.90	497.22	48.67
11	<input type="checkbox"/>	152	0.00	387.06	497.22	47.73
12	<input type="checkbox"/>	156	0.00	387.15	497.22	47.69
13	<input type="checkbox"/>	160	0.00	385.30	497.22	48.49
14	<input type="checkbox"/>	168	0.00	392.25	497.22	45.49
15	<input type="checkbox"/>	288	0.00	375.46	497.22	52.76
16	<input type="checkbox"/>	328	0.00	397.27	497.22	43.31
17	<input type="checkbox"/>	332	0.00	401.51	497.22	41.47
18	<input type="checkbox"/>	336	0.00	407.21	497.22	39.00
19	<input type="checkbox"/>	340	0.00	406.47	497.22	39.32
20	<input type="checkbox"/>	344	0.00	404.87	497.22	40.02
21	<input type="checkbox"/>	388	100.11	376.45	496.49	52.01
22	<input type="checkbox"/>	392	0.00	377.15	496.52	51.72
23	<input type="checkbox"/>	396	0.00	378.22	496.54	51.27
24	<input type="checkbox"/>	400	0.00	381.65	496.57	49.80
25	<input type="checkbox"/>	404	0.00	379.03	496.57	50.93
26	<input type="checkbox"/>	536	163.11	382.20	497.12	49.79
27	<input type="checkbox"/>	560	0.00	382.50	497.22	49.71
28	<input type="checkbox"/>	592	0.00	382.88	497.22	49.54
29	<input type="checkbox"/>	596	0.00	387.55	497.22	47.52

Phase 1 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.22	53.50
31	<input type="checkbox"/>	648	89.16	381.62	496.85	49.93
32	<input type="checkbox"/>	652	0.00	377.56	496.74	51.64
33	<input type="checkbox"/>	269	0.00	374.15	497.22	53.33
34	<input type="checkbox"/>	301	0.00	371.42	497.42	54.59
35	<input type="checkbox"/>	305	0.00	379.25	497.47	51.23
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.34	54.34
38	<input type="checkbox"/>	385	0.00	385.91	497.22	48.23
39	<input type="checkbox"/>	445	152.43	366.80	496.32	56.12
40	<input type="checkbox"/>	449	2.76	362.01	496.36	58.21
41	<input type="checkbox"/>	457	57.99	363.91	496.44	57.43
42	<input type="checkbox"/>	461	150.63	368.29	496.71	55.65
43	<input type="checkbox"/>	501	107.43	381.45	496.63	49.91
44	<input type="checkbox"/>	537	0.00	388.65	497.23	47.05
45	<input type="checkbox"/>	541	0.00	386.87	497.17	47.79
46	<input type="checkbox"/>	557	0.00	388.94	497.22	46.92
47	<input type="checkbox"/>	561	0.00	397.45	497.22	43.23
48	<input type="checkbox"/>	565	0.00	398.88	497.22	42.61
49	<input type="checkbox"/>	569	0.00	434.83	497.22	27.03
50	<input type="checkbox"/>	573	10.00	417.23	497.22	34.66
51	<input type="checkbox"/>	601	0.00	378.25	496.74	51.34
52	<input type="checkbox"/>	617	0.00	404.84	497.22	40.03
53	<input type="checkbox"/>	621	0.00	430.05	497.22	29.11
54	<input type="checkbox"/>	625	0.00	397.76	497.22	43.09
55	<input type="checkbox"/>	633	0.00	395.99	497.22	43.86
56	<input type="checkbox"/>	637	0.00	462.63	497.22	14.99
57	<input type="checkbox"/>	649	0.00	398.97	497.22	42.57
58	<input type="checkbox"/>	657	0.00	397.59	497.22	43.17

Phase 1 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	497.22	53.90
60	<input type="checkbox"/>	665	10.00	404.88	543.36	60.00
61	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
62	<input type="checkbox"/>	681	0.00	410.53	543.36	57.55
63	<input type="checkbox"/>	693	0.00	424.36	543.36	51.56
64	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
65	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
66	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
67	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
68	<input type="checkbox"/>	713	0.00	414.27	543.36	55.93
69	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
70	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
71	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
72	<input type="checkbox"/>	757	0.00	416.30	543.36	55.05
73	<input type="checkbox"/>	761	0.00	421.52	543.36	52.79

Phase 1 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
60	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
61	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
62	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
63	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
64	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
65	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
66	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
67	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
68	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
69	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
70	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
71	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
72	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
73	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 1 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.34	55.65
2	<input type="checkbox"/>	112	0.00	374.62	497.28	53.15
3	<input type="checkbox"/>	116	0.00	378.08	497.22	51.62
4	<input type="checkbox"/>	120	0.00	385.56	497.15	48.35
5	<input type="checkbox"/>	124	0.00	387.85	497.09	47.33
6	<input type="checkbox"/>	128	0.00	390.02	497.02	46.36
7	<input type="checkbox"/>	132	0.00	383.45	496.96	49.18
8	<input type="checkbox"/>	136	0.00	377.67	496.89	51.66
9	<input type="checkbox"/>	144	0.00	382.00	496.82	49.75
10	<input type="checkbox"/>	148	0.00	384.90	496.66	48.42
11	<input type="checkbox"/>	152	575.40	387.06	496.55	47.44
12	<input type="checkbox"/>	156	574.40	387.15	496.53	47.40
13	<input type="checkbox"/>	160	0.00	385.30	496.53	48.19
14	<input type="checkbox"/>	168	0.00	392.25	496.53	45.19
15	<input type="checkbox"/>	288	0.00	375.46	476.65	43.84
16	<input type="checkbox"/>	328	0.00	397.27	496.53	43.01
17	<input type="checkbox"/>	332	0.00	401.51	496.53	41.17
18	<input type="checkbox"/>	336	0.00	407.21	496.53	38.70
19	<input type="checkbox"/>	340	0.00	406.47	496.53	39.02
20	<input type="checkbox"/>	344	0.00	404.87	496.53	39.72
21	<input type="checkbox"/>	388	0.00	376.45	497.21	52.33
22	<input type="checkbox"/>	392	0.00	377.15	497.20	52.02
23	<input type="checkbox"/>	396	0.00	378.22	497.19	51.55
24	<input type="checkbox"/>	400	0.00	381.65	497.18	50.06
25	<input type="checkbox"/>	404	0.00	379.03	497.18	51.19
26	<input type="checkbox"/>	536	0.00	382.20	496.76	49.64
27	<input type="checkbox"/>	560	0.00	382.50	496.76	49.51
28	<input type="checkbox"/>	592	0.00	382.88	492.13	47.34
29	<input type="checkbox"/>	596	0.00	387.55	496.53	47.22

Phase 1 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	207.04	373.74	473.05	43.03
31	<input type="checkbox"/>	648	0.00	381.62	497.08	50.03
32	<input type="checkbox"/>	652	0.00	377.56	497.11	51.80
33	<input type="checkbox"/>	269	207.04	374.15	472.36	42.55
34	<input type="checkbox"/>	301	0.00	371.42	497.41	54.59
35	<input type="checkbox"/>	305	0.00	379.25	497.47	51.23
36	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.31	54.33
38	<input type="checkbox"/>	385	0.00	385.91	496.53	47.93
39	<input type="checkbox"/>	445	0.00	366.80	497.24	56.52
40	<input type="checkbox"/>	449	0.00	362.01	497.25	58.60
41	<input type="checkbox"/>	457	0.00	363.91	497.25	57.78
42	<input type="checkbox"/>	461	0.00	368.29	497.26	55.88
43	<input type="checkbox"/>	501	0.00	381.45	497.15	50.13
44	<input type="checkbox"/>	537	0.00	388.65	497.09	46.98
45	<input type="checkbox"/>	541	0.00	386.87	497.08	47.76
46	<input type="checkbox"/>	557	0.00	388.94	496.53	46.62
47	<input type="checkbox"/>	561	0.00	397.45	496.53	42.93
48	<input type="checkbox"/>	565	0.00	398.88	496.53	42.31
49	<input type="checkbox"/>	569	0.00	434.83	496.53	26.74
50	<input type="checkbox"/>	573	10.00	417.23	496.53	34.36
51	<input type="checkbox"/>	601	0.00	378.25	497.11	51.50
52	<input type="checkbox"/>	617	0.00	404.84	496.53	39.73
53	<input type="checkbox"/>	621	0.00	430.05	496.53	28.81
54	<input type="checkbox"/>	625	0.00	397.76	496.53	42.80
55	<input type="checkbox"/>	633	0.00	395.99	496.53	43.56
56	<input type="checkbox"/>	637	0.00	462.63	496.53	14.69
57	<input type="checkbox"/>	649	0.00	398.97	496.53	42.27
58	<input type="checkbox"/>	657	0.00	397.59	496.53	42.87

Phase 1 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	496.86	53.74
60	<input type="checkbox"/>	665	10.00	404.88	543.36	60.01
61	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
62	<input type="checkbox"/>	681	0.00	410.53	543.36	57.56
63	<input type="checkbox"/>	693	0.00	424.36	543.36	51.57
64	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
65	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
66	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
67	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
68	<input type="checkbox"/>	713	0.00	414.27	543.36	55.94
69	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
70	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
71	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
72	<input type="checkbox"/>	757	0.00	416.30	543.36	55.06
73	<input type="checkbox"/>	761	0.00	421.52	543.36	52.80

Phase 1 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.34	55.65
2	<input type="checkbox"/>	112	0.00	374.62	497.28	53.15
3	<input type="checkbox"/>	116	0.00	378.08	497.22	51.62
4	<input type="checkbox"/>	120	0.00	385.56	497.15	48.35
5	<input type="checkbox"/>	124	0.00	387.85	497.09	47.33
6	<input type="checkbox"/>	128	0.00	390.02	497.02	46.36
7	<input type="checkbox"/>	132	0.00	383.45	496.96	49.18
8	<input type="checkbox"/>	136	0.00	377.67	496.89	51.66
9	<input type="checkbox"/>	144	0.00	382.00	496.82	49.75
10	<input type="checkbox"/>	148	0.00	384.90	496.66	48.42
11	<input type="checkbox"/>	152	575.40	387.06	496.55	47.44
12	<input type="checkbox"/>	156	574.40	387.15	496.53	47.40
13	<input type="checkbox"/>	160	0.00	385.30	496.53	48.19
14	<input type="checkbox"/>	168	0.00	392.25	496.53	45.19
15	<input type="checkbox"/>	288	0.00	375.46	476.65	43.84
16	<input type="checkbox"/>	328	0.00	397.27	496.53	43.01
17	<input type="checkbox"/>	332	0.00	401.51	496.53	41.17
18	<input type="checkbox"/>	336	0.00	407.21	496.53	38.70
19	<input type="checkbox"/>	340	0.00	406.47	496.53	39.02
20	<input type="checkbox"/>	344	0.00	404.87	496.53	39.72
21	<input type="checkbox"/>	388	0.00	376.45	497.21	52.33
22	<input type="checkbox"/>	392	0.00	377.15	497.20	52.02
23	<input type="checkbox"/>	396	0.00	378.22	497.19	51.55
24	<input type="checkbox"/>	400	0.00	381.65	497.18	50.06
25	<input type="checkbox"/>	404	0.00	379.03	497.18	51.19
26	<input type="checkbox"/>	536	0.00	382.20	496.76	49.64
27	<input type="checkbox"/>	560	0.00	382.50	496.76	49.51
28	<input type="checkbox"/>	592	0.00	382.88	492.13	47.34
29	<input type="checkbox"/>	596	0.00	387.55	496.53	47.22

Phase 1 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	207.04	373.74	473.05	43.03
31	<input type="checkbox"/>	648	0.00	381.62	497.08	50.03
32	<input type="checkbox"/>	652	0.00	377.56	497.11	51.80
33	<input type="checkbox"/>	269	207.04	374.15	472.36	42.55
34	<input type="checkbox"/>	301	0.00	371.42	497.41	54.59
35	<input type="checkbox"/>	305	0.00	379.25	497.47	51.23
36	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.31	54.33
38	<input type="checkbox"/>	385	0.00	385.91	496.53	47.93
39	<input type="checkbox"/>	445	0.00	366.80	497.24	56.52
40	<input type="checkbox"/>	449	0.00	362.01	497.25	58.60
41	<input type="checkbox"/>	457	0.00	363.91	497.25	57.78
42	<input type="checkbox"/>	461	0.00	368.29	497.26	55.88
43	<input type="checkbox"/>	501	0.00	381.45	497.15	50.13
44	<input type="checkbox"/>	537	0.00	388.65	497.09	46.98
45	<input type="checkbox"/>	541	0.00	386.87	497.08	47.76
46	<input type="checkbox"/>	557	0.00	388.94	496.53	46.62
47	<input type="checkbox"/>	561	0.00	397.45	496.53	42.93
48	<input type="checkbox"/>	565	0.00	398.88	496.53	42.31
49	<input type="checkbox"/>	569	0.00	434.83	496.53	26.74
50	<input type="checkbox"/>	573	10.00	417.23	496.53	34.36
51	<input type="checkbox"/>	601	0.00	378.25	497.11	51.50
52	<input type="checkbox"/>	617	0.00	404.84	496.53	39.73
53	<input type="checkbox"/>	621	0.00	430.05	496.53	28.81
54	<input type="checkbox"/>	625	0.00	397.76	496.53	42.80
55	<input type="checkbox"/>	633	0.00	395.99	496.53	43.56
56	<input type="checkbox"/>	637	0.00	462.63	496.53	14.69
57	<input type="checkbox"/>	649	0.00	398.97	496.53	42.27
58	<input type="checkbox"/>	657	0.00	397.59	496.53	42.87

Phase 1 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	496.86	53.74
60	<input type="checkbox"/>	665	10.00	404.88	543.36	60.01
61	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
62	<input type="checkbox"/>	681	0.00	410.53	543.36	57.56
63	<input type="checkbox"/>	693	0.00	424.36	543.36	51.57
64	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
65	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
66	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
67	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
68	<input type="checkbox"/>	713	0.00	414.27	543.36	55.94
69	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
70	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
71	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
72	<input type="checkbox"/>	757	0.00	416.30	543.36	55.06
73	<input type="checkbox"/>	761	0.00	421.52	543.36	52.80

Phase 1 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.34	55.65
2	<input type="checkbox"/>	112	0.00	374.62	497.28	53.15
3	<input type="checkbox"/>	116	0.00	378.08	497.22	51.62
4	<input type="checkbox"/>	120	0.00	385.56	497.15	48.35
5	<input type="checkbox"/>	124	0.00	387.85	497.09	47.33
6	<input type="checkbox"/>	128	0.00	390.02	497.02	46.36
7	<input type="checkbox"/>	132	0.00	383.45	496.96	49.18
8	<input type="checkbox"/>	136	0.00	377.67	496.89	51.66
9	<input type="checkbox"/>	144	0.00	382.00	496.82	49.75
10	<input type="checkbox"/>	148	0.00	384.90	496.66	48.42
11	<input type="checkbox"/>	152	575.40	387.06	496.55	47.44
12	<input type="checkbox"/>	156	574.40	387.15	496.53	47.40
13	<input type="checkbox"/>	160	0.00	385.30	496.53	48.19
14	<input type="checkbox"/>	168	0.00	392.25	496.53	45.19
15	<input type="checkbox"/>	288	0.00	375.46	476.65	43.84
16	<input type="checkbox"/>	328	0.00	397.27	496.53	43.01
17	<input type="checkbox"/>	332	0.00	401.51	496.53	41.17
18	<input type="checkbox"/>	336	0.00	407.21	496.53	38.70
19	<input type="checkbox"/>	340	0.00	406.47	496.53	39.02
20	<input type="checkbox"/>	344	0.00	404.87	496.53	39.72
21	<input type="checkbox"/>	388	0.00	376.45	497.21	52.33
22	<input type="checkbox"/>	392	0.00	377.15	497.20	52.02
23	<input type="checkbox"/>	396	0.00	378.22	497.19	51.55
24	<input type="checkbox"/>	400	0.00	381.65	497.18	50.06
25	<input type="checkbox"/>	404	0.00	379.03	497.18	51.19
26	<input type="checkbox"/>	536	0.00	382.20	496.76	49.64
27	<input type="checkbox"/>	560	0.00	382.50	496.76	49.51
28	<input type="checkbox"/>	592	0.00	382.88	492.13	47.34
29	<input type="checkbox"/>	596	0.00	387.55	496.53	47.22

Phase 1 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	207.04	373.74	473.05	43.03
31	<input type="checkbox"/>	648	0.00	381.62	497.08	50.03
32	<input type="checkbox"/>	652	0.00	377.56	497.11	51.80
33	<input type="checkbox"/>	269	207.04	374.15	472.36	42.55
34	<input type="checkbox"/>	301	0.00	371.42	497.41	54.59
35	<input type="checkbox"/>	305	0.00	379.25	497.47	51.23
36	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.31	54.33
38	<input type="checkbox"/>	385	0.00	385.91	496.53	47.93
39	<input type="checkbox"/>	445	0.00	366.80	497.24	56.52
40	<input type="checkbox"/>	449	0.00	362.01	497.25	58.60
41	<input type="checkbox"/>	457	0.00	363.91	497.25	57.78
42	<input type="checkbox"/>	461	0.00	368.29	497.26	55.88
43	<input type="checkbox"/>	501	0.00	381.45	497.15	50.13
44	<input type="checkbox"/>	537	0.00	388.65	497.09	46.98
45	<input type="checkbox"/>	541	0.00	386.87	497.08	47.76
46	<input type="checkbox"/>	557	0.00	388.94	496.53	46.62
47	<input type="checkbox"/>	561	0.00	397.45	496.53	42.93
48	<input type="checkbox"/>	565	0.00	398.88	496.53	42.31
49	<input type="checkbox"/>	569	0.00	434.83	496.53	26.74
50	<input type="checkbox"/>	573	10.00	417.23	496.53	34.36
51	<input type="checkbox"/>	601	0.00	378.25	497.11	51.50
52	<input type="checkbox"/>	617	0.00	404.84	496.53	39.73
53	<input type="checkbox"/>	621	0.00	430.05	496.53	28.81
54	<input type="checkbox"/>	625	0.00	397.76	496.53	42.80
55	<input type="checkbox"/>	633	0.00	395.99	496.53	43.56
56	<input type="checkbox"/>	637	0.00	462.63	496.53	14.69
57	<input type="checkbox"/>	649	0.00	398.97	496.53	42.27
58	<input type="checkbox"/>	657	0.00	397.59	496.53	42.87

Phase 1 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	496.86	53.74
60	<input type="checkbox"/>	665	10.00	404.88	543.36	60.01
61	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
62	<input type="checkbox"/>	681	0.00	410.53	543.36	57.56
63	<input type="checkbox"/>	693	0.00	424.36	543.36	51.57
64	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
65	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
66	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
67	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
68	<input type="checkbox"/>	713	0.00	414.27	543.36	55.94
69	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
70	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
71	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
72	<input type="checkbox"/>	757	0.00	416.30	543.36	55.06
73	<input type="checkbox"/>	761	0.00	421.52	543.36	52.80
















Phase 1 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.34	55.65
2	<input type="checkbox"/>	112	0.00	374.62	497.28	53.15
3	<input type="checkbox"/>	116	0.00	378.08	497.22	51.62
4	<input type="checkbox"/>	120	0.00	385.56	497.15	48.35
5	<input type="checkbox"/>	124	0.00	387.85	497.09	47.33
6	<input type="checkbox"/>	128	0.00	390.02	497.02	46.36
7	<input type="checkbox"/>	132	0.00	383.45	496.96	49.18
8	<input type="checkbox"/>	136	0.00	377.67	496.89	51.66
9	<input type="checkbox"/>	144	0.00	382.00	496.82	49.75
10	<input type="checkbox"/>	148	0.00	384.90	496.66	48.42
11	<input type="checkbox"/>	152	575.40	387.06	496.55	47.44
12	<input type="checkbox"/>	156	574.40	387.15	496.53	47.40
13	<input type="checkbox"/>	160	0.00	385.30	496.53	48.19
14	<input type="checkbox"/>	168	0.00	392.25	496.53	45.19
15	<input type="checkbox"/>	288	0.00	375.46	476.65	43.84
16	<input type="checkbox"/>	328	0.00	397.27	496.53	43.01
17	<input type="checkbox"/>	332	0.00	401.51	496.53	41.17
18	<input type="checkbox"/>	336	0.00	407.21	496.53	38.70
19	<input type="checkbox"/>	340	0.00	406.47	496.53	39.02
20	<input type="checkbox"/>	344	0.00	404.87	496.53	39.72
21	<input type="checkbox"/>	388	0.00	376.45	497.21	52.33
22	<input type="checkbox"/>	392	0.00	377.15	497.20	52.02
23	<input type="checkbox"/>	396	0.00	378.22	497.19	51.55
24	<input type="checkbox"/>	400	0.00	381.65	497.18	50.06
25	<input type="checkbox"/>	404	0.00	379.03	497.18	51.19
26	<input type="checkbox"/>	536	0.00	382.20	496.76	49.64
27	<input type="checkbox"/>	560	0.00	382.50	496.76	49.51
28	<input type="checkbox"/>	592	0.00	382.88	492.13	47.34
29	<input type="checkbox"/>	596	0.00	387.55	496.53	47.22

Phase 1 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	207.04	373.74	473.05	43.03
31	<input type="checkbox"/>	648	0.00	381.62	497.08	50.03
32	<input type="checkbox"/>	652	0.00	377.56	497.11	51.80
33	<input type="checkbox"/>	269	207.04	374.15	472.36	42.55
34	<input type="checkbox"/>	301	0.00	371.42	497.41	54.59
35	<input type="checkbox"/>	305	0.00	379.25	497.47	51.23
36	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.31	54.33
38	<input type="checkbox"/>	385	0.00	385.91	496.53	47.93
39	<input type="checkbox"/>	445	0.00	366.80	497.24	56.52
40	<input type="checkbox"/>	449	0.00	362.01	497.25	58.60
41	<input type="checkbox"/>	457	0.00	363.91	497.25	57.78
42	<input type="checkbox"/>	461	0.00	368.29	497.26	55.88
43	<input type="checkbox"/>	501	0.00	381.45	497.15	50.13
44	<input type="checkbox"/>	537	0.00	388.65	497.09	46.98
45	<input type="checkbox"/>	541	0.00	386.87	497.08	47.76
46	<input type="checkbox"/>	557	0.00	388.94	496.53	46.62
47	<input type="checkbox"/>	561	0.00	397.45	496.53	42.93
48	<input type="checkbox"/>	565	0.00	398.88	496.53	42.31
49	<input type="checkbox"/>	569	0.00	434.83	496.53	26.74
50	<input type="checkbox"/>	573	10.00	417.23	496.53	34.36
51	<input type="checkbox"/>	601	0.00	378.25	497.11	51.50
52	<input type="checkbox"/>	617	0.00	404.84	496.53	39.73
53	<input type="checkbox"/>	621	0.00	430.05	496.53	28.81
54	<input type="checkbox"/>	625	0.00	397.76	496.53	42.80
55	<input type="checkbox"/>	633	0.00	395.99	496.53	43.56
56	<input type="checkbox"/>	637	0.00	462.63	496.53	14.69
57	<input type="checkbox"/>	649	0.00	398.97	496.53	42.27
58	<input type="checkbox"/>	657	0.00	397.59	496.53	42.87

Phase 1 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	496.86	53.74
60		665	10.00	404.88	543.36	60.01
61		677	0.00	408.63	543.36	58.38
62		681	0.00	410.53	543.36	57.56
63		693	0.00	424.36	543.36	51.57
64		697	0.00	425.95	543.36	50.87
65		701	0.00	420.33	543.36	53.31
66		705	0.00	418.20	543.36	54.23
67		709	0.00	415.88	543.36	55.24
68		713	0.00	414.27	543.36	55.94
69		717	0.00	413.98	543.36	56.06
70		741	0.00	420.07	543.36	53.42
71		753	0.00	407.86	543.36	58.71
72		757	0.00	416.30	543.36	55.06
73		761	0.00	421.52	543.36	52.80















Phase 1 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.34	55.65
2	<input type="checkbox"/>	112	0.00	374.62	497.28	53.15
3	<input type="checkbox"/>	116	0.00	378.08	497.22	51.62
4	<input type="checkbox"/>	120	0.00	385.56	497.15	48.35
5	<input type="checkbox"/>	124	0.00	387.85	497.09	47.33
6	<input type="checkbox"/>	128	0.00	390.02	497.02	46.36
7	<input type="checkbox"/>	132	0.00	383.45	496.96	49.18
8	<input type="checkbox"/>	136	0.00	377.67	496.89	51.66
9	<input type="checkbox"/>	144	0.00	382.00	496.82	49.75
10	<input type="checkbox"/>	148	0.00	384.90	496.66	48.42
11	<input type="checkbox"/>	152	575.40	387.06	496.55	47.44
12	<input type="checkbox"/>	156	574.40	387.15	496.53	47.40
13	<input type="checkbox"/>	160	0.00	385.30	496.53	48.19
14	<input type="checkbox"/>	168	0.00	392.25	496.53	45.19
15	<input type="checkbox"/>	288	0.00	375.46	476.65	43.84
16	<input type="checkbox"/>	328	0.00	397.27	496.53	43.01
17	<input type="checkbox"/>	332	0.00	401.51	496.53	41.17
18	<input type="checkbox"/>	336	0.00	407.21	496.53	38.70
19	<input type="checkbox"/>	340	0.00	406.47	496.53	39.02
20	<input type="checkbox"/>	344	0.00	404.87	496.53	39.72
21	<input type="checkbox"/>	388	0.00	376.45	497.21	52.33
22	<input type="checkbox"/>	392	0.00	377.15	497.20	52.02
23	<input type="checkbox"/>	396	0.00	378.22	497.19	51.55
24	<input type="checkbox"/>	400	0.00	381.65	497.18	50.06
25	<input type="checkbox"/>	404	0.00	379.03	497.18	51.19
26	<input type="checkbox"/>	536	0.00	382.20	496.76	49.64
27	<input type="checkbox"/>	560	0.00	382.50	496.76	49.51
28	<input type="checkbox"/>	592	0.00	382.88	492.13	47.34
29	<input type="checkbox"/>	596	0.00	387.55	496.53	47.22

Phase 1 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	207.04	373.74	473.05	43.03
31	<input type="checkbox"/>	648	0.00	381.62	497.08	50.03
32	<input type="checkbox"/>	652	0.00	377.56	497.11	51.80
33	<input type="checkbox"/>	269	207.04	374.15	472.36	42.55
34	<input type="checkbox"/>	301	0.00	371.42	497.41	54.59
35	<input type="checkbox"/>	305	0.00	379.25	497.47	51.23
36	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.31	54.33
38	<input type="checkbox"/>	385	0.00	385.91	496.53	47.93
39	<input type="checkbox"/>	445	0.00	366.80	497.24	56.52
40	<input type="checkbox"/>	449	0.00	362.01	497.25	58.60
41	<input type="checkbox"/>	457	0.00	363.91	497.25	57.78
42	<input type="checkbox"/>	461	0.00	368.29	497.26	55.88
43	<input type="checkbox"/>	501	0.00	381.45	497.15	50.13
44	<input type="checkbox"/>	537	0.00	388.65	497.09	46.98
45	<input type="checkbox"/>	541	0.00	386.87	497.08	47.76
46	<input type="checkbox"/>	557	0.00	388.94	496.53	46.62
47	<input type="checkbox"/>	561	0.00	397.45	496.53	42.93
48	<input type="checkbox"/>	565	0.00	398.88	496.53	42.31
49	<input type="checkbox"/>	569	0.00	434.83	496.53	26.74
50	<input type="checkbox"/>	573	10.00	417.23	496.53	34.36
51	<input type="checkbox"/>	601	0.00	378.25	497.11	51.50
52	<input type="checkbox"/>	617	0.00	404.84	496.53	39.73
53	<input type="checkbox"/>	621	0.00	430.05	496.53	28.81
54	<input type="checkbox"/>	625	0.00	397.76	496.53	42.80
55	<input type="checkbox"/>	633	0.00	395.99	496.53	43.56
56	<input type="checkbox"/>	637	0.00	462.63	496.53	14.69
57	<input type="checkbox"/>	649	0.00	398.97	496.53	42.27
58	<input type="checkbox"/>	657	0.00	397.59	496.53	42.87

Phase 1 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	496.86	53.74
60		665	10.00	404.88	543.36	60.01
61		677	0.00	408.63	543.36	58.38
62		681	0.00	410.53	543.36	57.56
63		693	0.00	424.36	543.36	51.57
64		697	0.00	425.95	543.36	50.87
65		701	0.00	420.33	543.36	53.31
66		705	0.00	418.20	543.36	54.23
67		709	0.00	415.88	543.36	55.24
68		713	0.00	414.27	543.36	55.94
69		717	0.00	413.98	543.36	56.06
70		741	0.00	420.07	543.36	53.42
71		753	0.00	407.86	543.36	58.71
72		757	0.00	416.30	543.36	55.06
73		761	0.00	421.52	543.36	52.80















Phase 1 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.34	55.65
2	<input type="checkbox"/>	112	0.00	374.62	497.28	53.15
3	<input type="checkbox"/>	116	0.00	378.08	497.22	51.62
4	<input type="checkbox"/>	120	0.00	385.56	497.15	48.35
5	<input type="checkbox"/>	124	0.00	387.85	497.09	47.33
6	<input type="checkbox"/>	128	0.00	390.02	497.02	46.36
7	<input type="checkbox"/>	132	0.00	383.45	496.96	49.18
8	<input type="checkbox"/>	136	0.00	377.67	496.89	51.66
9	<input type="checkbox"/>	144	0.00	382.00	496.82	49.75
10	<input type="checkbox"/>	148	0.00	384.90	496.66	48.42
11	<input type="checkbox"/>	152	575.40	387.06	496.55	47.44
12	<input type="checkbox"/>	156	574.40	387.15	496.53	47.40
13	<input type="checkbox"/>	160	0.00	385.30	496.53	48.19
14	<input type="checkbox"/>	168	0.00	392.25	496.53	45.19
15	<input type="checkbox"/>	288	0.00	375.46	476.65	43.84
16	<input type="checkbox"/>	328	0.00	397.27	496.53	43.01
17	<input type="checkbox"/>	332	0.00	401.51	496.53	41.17
18	<input type="checkbox"/>	336	0.00	407.21	496.53	38.70
19	<input type="checkbox"/>	340	0.00	406.47	496.53	39.02
20	<input type="checkbox"/>	344	0.00	404.87	496.53	39.72
21	<input type="checkbox"/>	388	0.00	376.45	497.21	52.33
22	<input type="checkbox"/>	392	0.00	377.15	497.20	52.02
23	<input type="checkbox"/>	396	0.00	378.22	497.19	51.55
24	<input type="checkbox"/>	400	0.00	381.65	497.18	50.06
25	<input type="checkbox"/>	404	0.00	379.03	497.18	51.19
26	<input type="checkbox"/>	536	0.00	382.20	496.76	49.64
27	<input type="checkbox"/>	560	0.00	382.50	496.76	49.51
28	<input type="checkbox"/>	592	0.00	382.88	492.13	47.34
29	<input type="checkbox"/>	596	0.00	387.55	496.53	47.22

Phase 1 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	207.04	373.74	473.05	43.03
31	<input type="checkbox"/>	648	0.00	381.62	497.08	50.03
32	<input type="checkbox"/>	652	0.00	377.56	497.11	51.80
33	<input type="checkbox"/>	269	207.04	374.15	472.36	42.55
34	<input type="checkbox"/>	301	0.00	371.42	497.41	54.59
35	<input type="checkbox"/>	305	0.00	379.25	497.47	51.23
36	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.31	54.33
38	<input type="checkbox"/>	385	0.00	385.91	496.53	47.93
39	<input type="checkbox"/>	445	0.00	366.80	497.24	56.52
40	<input type="checkbox"/>	449	0.00	362.01	497.25	58.60
41	<input type="checkbox"/>	457	0.00	363.91	497.25	57.78
42	<input type="checkbox"/>	461	0.00	368.29	497.26	55.88
43	<input type="checkbox"/>	501	0.00	381.45	497.15	50.13
44	<input type="checkbox"/>	537	0.00	388.65	497.09	46.98
45	<input type="checkbox"/>	541	0.00	386.87	497.08	47.76
46	<input type="checkbox"/>	557	0.00	388.94	496.53	46.62
47	<input type="checkbox"/>	561	0.00	397.45	496.53	42.93
48	<input type="checkbox"/>	565	0.00	398.88	496.53	42.31
49	<input type="checkbox"/>	569	0.00	434.83	496.53	26.74
50	<input type="checkbox"/>	573	10.00	417.23	496.53	34.36
51	<input type="checkbox"/>	601	0.00	378.25	497.11	51.50
52	<input type="checkbox"/>	617	0.00	404.84	496.53	39.73
53	<input type="checkbox"/>	621	0.00	430.05	496.53	28.81
54	<input type="checkbox"/>	625	0.00	397.76	496.53	42.80
55	<input type="checkbox"/>	633	0.00	395.99	496.53	43.56
56	<input type="checkbox"/>	637	0.00	462.63	496.53	14.69
57	<input type="checkbox"/>	649	0.00	398.97	496.53	42.27
58	<input type="checkbox"/>	657	0.00	397.59	496.53	42.87

Phase 1 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	496.86	53.74
60		665	10.00	404.88	543.36	60.01
61		677	0.00	408.63	543.36	58.38
62		681	0.00	410.53	543.36	57.56
63		693	0.00	424.36	543.36	51.57
64		697	0.00	425.95	543.36	50.87
65		701	0.00	420.33	543.36	53.31
66		705	0.00	418.20	543.36	54.23
67		709	0.00	415.88	543.36	55.24
68		713	0.00	414.27	543.36	55.94
69		717	0.00	413.98	543.36	56.06
70		741	0.00	420.07	543.36	53.42
71		753	0.00	407.86	543.36	58.71
72		757	0.00	416.30	543.36	55.06
73		761	0.00	421.52	543.36	52.80
















Phase 1 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	497.50	54.02
60		665	10.00	404.88	543.35	60.00
61		677	0.00	408.63	543.35	58.37
62		681	0.00	410.53	543.35	57.55
63		693	0.00	424.36	543.35	51.56
64		697	0.00	425.95	543.35	50.87
65		701	0.00	420.33	543.35	53.31
66		705	0.00	418.20	543.35	54.23
67		709	0.00	415.88	543.35	55.23
68		713	0.00	414.27	543.35	55.93
69		717	0.00	413.98	543.35	56.06
70		741	0.00	420.07	543.35	53.42
71		753	0.00	407.86	543.35	58.71
72		757	0.00	416.30	543.35	55.05
73		761	0.00	421.52	543.35	52.79

Phase 1 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
60	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
61	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
62	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
63	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
64	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
65	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
66	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
67	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
68	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
69	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
70	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
71	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
72	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
73	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79
















Phase 1 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	497.50	54.02
60		665	10.00	404.88	543.35	60.00
61		677	0.00	408.63	543.35	58.37
62		681	0.00	410.53	543.35	57.55
63		693	0.00	424.36	543.35	51.56
64		697	0.00	425.95	543.35	50.87
65		701	0.00	420.33	543.35	53.31
66		705	0.00	418.20	543.35	54.23
67		709	0.00	415.88	543.35	55.23
68		713	0.00	414.27	543.35	55.93
69		717	0.00	413.98	543.35	56.06
70		741	0.00	420.07	543.35	53.42
71		753	0.00	407.86	543.35	58.71
72		757	0.00	416.30	543.35	55.05
73		761	0.00	421.52	543.35	52.79
















Phase 1 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	497.50	54.02
60		665	10.00	404.88	543.35	60.00
61		677	0.00	408.63	543.35	58.37
62		681	0.00	410.53	543.35	57.55
63		693	0.00	424.36	543.35	51.56
64		697	0.00	425.95	543.35	50.87
65		701	0.00	420.33	543.35	53.31
66		705	0.00	418.20	543.35	54.23
67		709	0.00	415.88	543.35	55.23
68		713	0.00	414.27	543.35	55.93
69		717	0.00	413.98	543.35	56.06
70		741	0.00	420.07	543.35	53.42
71		753	0.00	407.86	543.35	58.71
72		757	0.00	416.30	543.35	55.05
73		761	0.00	421.52	543.35	52.79
















Phase 1 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	497.50	54.02
60		665	10.00	404.88	543.35	60.00
61		677	0.00	408.63	543.35	58.37
62		681	0.00	410.53	543.35	57.55
63		693	0.00	424.36	543.35	51.56
64		697	0.00	425.95	543.35	50.87
65		701	0.00	420.33	543.35	53.31
66		705	0.00	418.20	543.35	54.23
67		709	0.00	415.88	543.35	55.23
68		713	0.00	414.27	543.35	55.93
69		717	0.00	413.98	543.35	56.06
70		741	0.00	420.07	543.35	53.42
71		753	0.00	407.86	543.35	58.71
72		757	0.00	416.30	543.35	55.05
73		761	0.00	421.52	543.35	52.79















Phase 1 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	497.50	54.02
60		665	10.00	404.88	543.35	60.00
61		677	0.00	408.63	543.35	58.37
62		681	0.00	410.53	543.35	57.55
63		693	0.00	424.36	543.35	51.56
64		697	0.00	425.95	543.35	50.87
65		701	0.00	420.33	543.35	53.31
66		705	0.00	418.20	543.35	54.23
67		709	0.00	415.88	543.35	55.23
68		713	0.00	414.27	543.35	55.93
69		717	0.00	413.98	543.35	56.06
70		741	0.00	420.07	543.35	53.42
71		753	0.00	407.86	543.35	58.71
72		757	0.00	416.30	543.35	55.05
73		761	0.00	421.52	543.35	52.79
















Phase 1 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	■	628	0.00	373.74	497.50	53.63
31	■	648	0.00	381.62	497.50	50.21
32	■	652	0.00	377.56	497.50	51.97
33	■	269	0.00	374.15	497.50	53.45
34	■	301	0.00	371.42	497.50	54.63
35	■	305	0.00	379.25	497.50	51.24
36	■	309	0.00	382.11	497.50	50.00
37	■	616	0.00	371.92	497.50	54.41
38	■	385	0.00	385.91	497.50	48.35
39	■	445	0.00	366.80	497.50	56.63
40	■	449	0.00	362.01	497.50	58.71
41	■	457	0.00	363.91	497.50	57.88
42	■	461	0.00	368.29	497.50	55.99
43	■	501	0.00	381.45	497.50	50.28
44	■	537	0.00	388.65	497.50	47.16
45	■	541	0.00	386.87	497.50	47.94
46	■	557	0.00	388.94	497.50	47.04
47	■	561	0.00	397.45	497.50	43.35
48	■	565	0.00	398.88	497.50	42.73
49	■	569	0.00	434.83	497.50	27.16
50	■	573	10.00	417.23	497.50	34.78
51	■	601	0.00	378.25	497.50	51.67
52	■	617	0.00	404.84	497.50	40.15
53	■	621	0.00	430.05	497.50	29.23
54	■	625	0.00	397.76	497.50	43.22
55	■	633	0.00	395.99	497.50	43.98
56	■	637	0.00	462.63	497.50	15.11
57	■	649	0.00	398.97	497.50	42.69
58	■	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	497.50	54.02
60		665	10.00	404.88	543.35	60.00
61		677	0.00	408.63	543.35	58.37
62		681	0.00	410.53	543.35	57.55
63		693	0.00	424.36	543.35	51.56
64		697	0.00	425.95	543.35	50.87
65		701	0.00	420.33	543.35	53.31
66		705	0.00	418.20	543.35	54.23
67		709	0.00	415.88	543.35	55.23
68		713	0.00	414.27	543.35	55.93
69		717	0.00	413.98	543.35	56.06
70		741	0.00	420.07	543.35	53.42
71		753	0.00	407.86	543.35	58.71
72		757	0.00	416.30	543.35	55.05
73		761	0.00	421.52	543.35	52.79














Phase 1 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	497.50	54.02
60		665	10.00	404.88	543.35	60.00
61		677	0.00	408.63	543.35	58.37
62		681	0.00	410.53	543.35	57.55
63		693	0.00	424.36	543.35	51.56
64		697	0.00	425.95	543.35	50.87
65		701	0.00	420.33	543.35	53.31
66		705	0.00	418.20	543.35	54.23
67		709	0.00	415.88	543.35	55.23
68		713	0.00	414.27	543.35	55.93
69		717	0.00	413.98	543.35	56.06
70		741	0.00	420.07	543.35	53.42
71		753	0.00	407.86	543.35	58.71
72		757	0.00	416.30	543.35	55.05
73		761	0.00	421.52	543.35	52.79

Phase 1 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
16	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
17	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
18	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
19	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
20	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
21	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
22	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
23	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
24	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
25	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
26	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
27	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
28	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
29	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64

Phase 1 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
31	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
32	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
33	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
34	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
35	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
36	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
37	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
38	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
39	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
40	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
41	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
42	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
43	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
44	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
45	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
46	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
47	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
48	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
49	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
50	<input type="checkbox"/>	573	10.00	417.23	497.50	34.78
51	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
52	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
53	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
54	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
55	<input type="checkbox"/>	633	0.00	395.99	497.50	43.98
56	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
57	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
58	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29

Phase 1 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
60	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
61	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
62	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
63	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
64	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
65	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
66	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
67	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
68	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
69	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
70	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
71	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
72	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
73	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 1 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	496.51	55.29
2	<input type="checkbox"/>	112	0.00	374.62	496.24	52.70
3	<input type="checkbox"/>	116	129.78	378.08	496.06	51.12
4	<input type="checkbox"/>	120	217.38	385.56	495.95	47.83
5	<input type="checkbox"/>	124	147.93	387.85	495.87	46.81
6	<input type="checkbox"/>	128	88.86	390.02	495.83	45.85
7	<input type="checkbox"/>	132	38.55	383.45	495.80	48.68
8	<input type="checkbox"/>	136	0.00	377.67	495.78	51.18
9	<input type="checkbox"/>	144	0.00	382.00	495.76	49.30
10	<input type="checkbox"/>	148	0.00	384.90	495.72	48.02
11	<input type="checkbox"/>	152	0.00	387.06	495.70	47.07
12	<input type="checkbox"/>	156	0.00	387.15	495.69	47.03
13	<input type="checkbox"/>	160	0.00	385.30	495.69	47.83
14	<input type="checkbox"/>	168	0.00	392.25	495.67	44.81
15	<input type="checkbox"/>	288	0.00	375.46	493.89	51.31
16	<input type="checkbox"/>	328	0.00	397.27	495.48	42.56
17	<input type="checkbox"/>	332	32.92	401.51	495.38	40.67
18	<input type="checkbox"/>	336	0.00	407.21	495.31	38.17
19	<input type="checkbox"/>	340	0.00	406.47	495.27	38.48
20	<input type="checkbox"/>	344	0.00	404.87	495.24	39.16
21	<input type="checkbox"/>	388	100.11	376.45	493.56	50.74
22	<input type="checkbox"/>	392	150.73	377.15	493.24	50.30
23	<input type="checkbox"/>	396	51.45	378.22	493.24	49.83
24	<input type="checkbox"/>	400	0.00	381.65	493.26	48.36
25	<input type="checkbox"/>	404	61.01	379.03	493.16	49.45
26	<input type="checkbox"/>	536	162.37	382.20	495.65	49.16
27	<input type="checkbox"/>	560	0.00	382.50	495.75	49.07
28	<input type="checkbox"/>	592	255.75	382.88	493.89	48.10
29	<input type="checkbox"/>	596	209.02	387.55	492.28	45.38

Phase 1 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	■	628	0.00	373.74	493.89	52.06
31	■	648	89.16	381.62	494.49	48.91
32	■	652	173.14	377.56	493.24	50.12
33	■	269	0.00	374.15	493.89	51.88
34	■	301	0.00	371.42	496.92	54.38
35	■	305	0.00	379.25	497.30	51.15
36	■	309	0.00	382.11	497.51	50.00
37	■	616	1,290.17	371.92	496.33	53.91
38	■	385	0.00	385.91	492.96	46.39
39	■	445	152.43	366.80	493.91	55.08
40	■	449	2.76	362.01	494.13	57.25
41	■	457	57.99	363.91	494.60	56.63
42	■	461	150.63	368.29	495.20	54.99
43	■	501	107.43	381.45	493.51	48.56
44	■	537	219.77	388.65	495.40	46.26
45	■	541	113.93	386.87	495.35	47.01
46	■	557	0.00	388.94	495.67	46.25
47	■	561	0.00	397.45	495.67	42.56
48	■	565	0.00	398.88	495.67	41.94
49	■	569	0.00	434.83	495.67	26.36
50	■	573	10.00	417.23	495.67	33.99
51	■	601	0.00	378.25	493.52	49.94
52	■	617	0.00	404.84	495.67	39.36
53	■	621	0.00	430.05	495.67	28.44
54	■	625	0.00	397.76	495.67	42.42
55	■	633	0.00	395.99	495.67	43.19
56	■	637	0.00	462.63	495.67	14.32
57	■	649	0.00	398.97	495.67	41.90
58	■	657	0.00	397.59	495.67	42.50

Phase 1 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	495.77	53.27
60	<input type="checkbox"/>	665	10.00	404.88	543.36	60.01
61	<input type="checkbox"/>	677	0.00	408.63	543.32	58.36
62	<input type="checkbox"/>	681	0.00	410.53	543.15	57.46
63	<input type="checkbox"/>	693	0.00	424.36	543.04	51.42
64	<input type="checkbox"/>	697	0.00	425.95	543.03	50.73
65	<input type="checkbox"/>	701	0.00	420.33	543.00	53.16
66	<input type="checkbox"/>	705	0.00	418.20	542.99	54.07
67	<input type="checkbox"/>	709	0.00	415.88	542.98	55.07
68	<input type="checkbox"/>	713	157.11	414.27	542.98	55.77
69	<input type="checkbox"/>	717	0.00	413.98	543.07	55.94
70	<input type="checkbox"/>	741	0.00	420.07	543.05	53.29
71	<input type="checkbox"/>	753	0.00	407.86	543.21	58.65
72	<input type="checkbox"/>	757	0.00	416.30	543.07	54.93
73	<input type="checkbox"/>	761	0.00	421.52	543.05	52.66

Phase 1 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	496.51	55.29
2	<input type="checkbox"/>	112	0.00	374.62	496.24	52.70
3	<input type="checkbox"/>	116	129.78	378.08	496.06	51.12
4	<input type="checkbox"/>	120	217.38	385.56	495.95	47.83
5	<input type="checkbox"/>	124	147.93	387.85	495.87	46.81
6	<input type="checkbox"/>	128	88.86	390.02	495.83	45.85
7	<input type="checkbox"/>	132	38.55	383.45	495.80	48.68
8	<input type="checkbox"/>	136	0.00	377.67	495.78	51.18
9	<input type="checkbox"/>	144	0.00	382.00	495.76	49.30
10	<input type="checkbox"/>	148	0.00	384.90	495.72	48.02
11	<input type="checkbox"/>	152	0.00	387.06	495.70	47.07
12	<input type="checkbox"/>	156	0.00	387.15	495.69	47.03
13	<input type="checkbox"/>	160	0.00	385.30	495.69	47.83
14	<input type="checkbox"/>	168	0.00	392.25	495.67	44.81
15	<input type="checkbox"/>	288	0.00	375.46	493.89	51.31
16	<input type="checkbox"/>	328	0.00	397.27	495.48	42.56
17	<input type="checkbox"/>	332	32.92	401.51	495.38	40.67
18	<input type="checkbox"/>	336	0.00	407.21	495.31	38.17
19	<input type="checkbox"/>	340	0.00	406.47	495.27	38.48
20	<input type="checkbox"/>	344	0.00	404.87	495.24	39.16
21	<input type="checkbox"/>	388	100.11	376.45	493.56	50.74
22	<input type="checkbox"/>	392	150.73	377.15	493.24	50.30
23	<input type="checkbox"/>	396	51.45	378.22	493.24	49.83
24	<input type="checkbox"/>	400	0.00	381.65	493.26	48.36
25	<input type="checkbox"/>	404	61.01	379.03	493.16	49.45
26	<input type="checkbox"/>	536	162.37	382.20	495.65	49.16
27	<input type="checkbox"/>	560	0.00	382.50	495.75	49.07
28	<input type="checkbox"/>	592	255.75	382.88	493.89	48.10
29	<input type="checkbox"/>	596	209.02	387.55	492.28	45.38

Phase 1 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	■	628	0.00	373.74	493.89	52.06
31	■	648	89.16	381.62	494.49	48.91
32	■	652	173.14	377.56	493.24	50.12
33	■	269	0.00	374.15	493.89	51.88
34	■	301	0.00	371.42	496.92	54.38
35	■	305	0.00	379.25	497.30	51.15
36	■	309	0.00	382.11	497.51	50.00
37	■	616	1,290.17	371.92	496.33	53.91
38	■	385	0.00	385.91	492.96	46.39
39	■	445	152.43	366.80	493.91	55.08
40	■	449	2.76	362.01	494.13	57.25
41	■	457	57.99	363.91	494.60	56.63
42	■	461	150.63	368.29	495.20	54.99
43	■	501	107.43	381.45	493.51	48.56
44	■	537	219.77	388.65	495.40	46.26
45	■	541	113.93	386.87	495.35	47.01
46	■	557	0.00	388.94	495.67	46.25
47	■	561	0.00	397.45	495.67	42.56
48	■	565	0.00	398.88	495.67	41.94
49	■	569	0.00	434.83	495.67	26.36
50	■	573	10.00	417.23	495.67	33.99
51	■	601	0.00	378.25	493.52	49.94
52	■	617	0.00	404.84	495.67	39.36
53	■	621	0.00	430.05	495.67	28.44
54	■	625	0.00	397.76	495.67	42.42
55	■	633	0.00	395.99	495.67	43.19
56	■	637	0.00	462.63	495.67	14.32
57	■	649	0.00	398.97	495.67	41.90
58	■	657	0.00	397.59	495.67	42.50

Phase 1 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	661	0.00	372.83	495.77	53.27
60	<input type="checkbox"/>	665	10.00	404.88	543.36	60.01
61	<input type="checkbox"/>	677	0.00	408.63	543.32	58.36
62	<input type="checkbox"/>	681	0.00	410.53	543.15	57.46
63	<input type="checkbox"/>	693	0.00	424.36	543.04	51.42
64	<input type="checkbox"/>	697	0.00	425.95	543.03	50.73
65	<input type="checkbox"/>	701	0.00	420.33	543.00	53.16
66	<input type="checkbox"/>	705	0.00	418.20	542.99	54.07
67	<input type="checkbox"/>	709	0.00	415.88	542.98	55.07
68	<input type="checkbox"/>	713	157.11	414.27	542.98	55.77
69	<input type="checkbox"/>	717	0.00	413.98	543.07	55.94
70	<input type="checkbox"/>	741	0.00	420.07	543.05	53.29
71	<input type="checkbox"/>	753	0.00	407.86	543.21	58.65
72	<input type="checkbox"/>	757	0.00	416.30	543.07	54.93
73	<input type="checkbox"/>	761	0.00	421.52	543.05	52.66
















Phase 1 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	494.78	54.54
2	<input type="checkbox"/>	112	0.00	374.62	493.99	51.73
3	<input type="checkbox"/>	116	129.78	378.08	493.45	49.99
4	<input type="checkbox"/>	120	217.38	385.56	493.02	46.56
5	<input type="checkbox"/>	124	147.93	387.85	492.67	45.42
6	<input type="checkbox"/>	128	88.86	390.02	492.45	44.38
7	<input type="checkbox"/>	132	38.55	383.45	492.24	47.14
8	<input type="checkbox"/>	136	0.00	377.67	492.07	49.57
9	<input type="checkbox"/>	144	0.00	382.00	491.89	47.62
10	<input type="checkbox"/>	148	0.00	384.90	491.52	46.20
11	<input type="checkbox"/>	152	0.00	387.06	491.31	45.17
12	<input type="checkbox"/>	156	0.00	387.15	491.21	45.09
13	<input type="checkbox"/>	160	0.00	385.30	491.15	45.86
14	<input type="checkbox"/>	168	0.00	392.25	490.93	42.76
15	<input type="checkbox"/>	288	0.00	375.46	488.42	48.95
16	<input type="checkbox"/>	328	0.00	397.27	481.49	36.49
17	<input type="checkbox"/>	332	32.92	401.51	476.57	32.52
18	<input type="checkbox"/>	336	0.00	407.21	471.47	27.84
19	<input type="checkbox"/>	340	0.00	406.47	469.01	27.10
20	<input type="checkbox"/>	344	0.00	404.87	467.28	27.05
21	<input type="checkbox"/>	388	100.11	376.45	489.30	48.90
22	<input type="checkbox"/>	392	229.38	377.15	488.36	48.19
23	<input type="checkbox"/>	396	92.27	378.22	488.30	47.70
24	<input type="checkbox"/>	400	0.00	381.65	488.31	46.22
25	<input type="checkbox"/>	404	109.43	379.03	488.04	47.23
26	<input type="checkbox"/>	536	401.10	382.20	491.21	47.23
27	<input type="checkbox"/>	560	0.00	382.50	491.73	47.33
28	<input type="checkbox"/>	592	320.21	382.88	488.42	45.73
29	<input type="checkbox"/>	596	318.08	387.55	483.54	41.59

Phase 1 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	■	628	0.00	373.74	488.42	49.69
31	■	648	89.16	381.62	490.36	47.12
32	■	652	263.48	377.56	488.14	47.91
33	■	269	0.00	374.15	488.42	49.52
34	■	301	0.00	371.42	495.89	53.93
35	■	305	0.00	379.25	496.94	50.99
36	■	309	0.00	382.11	497.49	49.99
37	■	616	1,963.30	371.92	494.26	53.01
38	■	385	0.00	385.91	485.03	42.95
39	■	445	152.43	366.80	490.56	53.63
40	■	449	2.76	362.01	490.95	55.87
41	■	457	57.99	363.91	491.77	55.40
42	■	461	150.63	368.29	492.62	53.87
43	■	501	107.43	381.45	488.78	46.50
44	■	537	334.43	388.65	491.65	44.63
45	■	541	204.34	386.87	491.59	45.38
46	■	557	0.00	388.94	490.93	44.19
47	■	561	0.00	397.45	490.93	40.51
48	■	565	0.00	398.88	490.93	39.89
49	■	569	0.00	434.83	490.93	24.31
50	■	573	10.00	417.23	490.93	31.93
51	■	601	0.00	378.25	488.74	47.87
52	■	617	0.00	404.84	490.93	37.30
53	■	621	0.00	430.05	490.93	26.38
54	■	625	0.00	397.76	490.93	40.37
55	■	633	0.00	395.99	490.93	41.14
56	■	637	0.00	462.63	490.93	12.26
57	■	649	0.00	398.97	490.93	39.85
58	■	657	0.00	397.59	490.93	40.45

Phase 1 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59		661	0.00	372.83	491.98	51.63
60		665	10.00	404.88	543.31	59.98
61		677	120.06	408.63	540.01	56.93
62		681	120.06	410.53	529.23	51.43
63		693	120.06	424.36	521.99	42.30
64		697	120.06	425.95	521.96	41.60
65		701	120.06	420.33	522.03	44.07
66		705	0.00	418.20	522.27	45.10
67		709	120.06	415.88	522.45	46.18
68		713	400.50	414.27	522.75	47.00
69		717	120.06	413.98	525.20	48.19
70		741	120.06	420.07	522.42	44.34
71		753	0.00	407.86	533.44	54.41
72		757	120.06	416.30	523.81	46.59
73		761	120.06	421.52	522.17	43.61





















Phase 1 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	6,857.51	2.01	0.52
2		16	112	116	2,648.78	37.29	125.00	4,894.21	1.44	0.55
3		20	116	120	2,632.40	37.29	125.00	4,313.30	1.27	0.43
4		24	120	124	2,664.16	37.29	125.00	3,828.68	1.12	0.35
5		32	128	132	2,630.80	37.29	125.00	2,903.83	0.85	0.21
6		36	132	136	2,587.05	37.29	125.00	2,693.43	0.79	0.18
7		48	144	560	970.26	31.07	125.00	2,693.43	1.14	0.16
8		52	148	152	1,692.36	31.07	125.00	2,292.34	0.97	0.21
9		56	152	156	859.54	31.07	125.00	2,292.34	0.97	0.11
10		60	156	160	418.07	31.07	125.00	2,292.34	0.97	0.05
11		184	160	592	1,216.80	7.98	130.00	320.21	2.05	2.73
12		228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
13		232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
14		240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
15		244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
16		288	388	392	463.24	7.98	130.00	302.77	1.94	0.94
17		292	392	396	429.31	7.98	130.00	73.39	0.47	0.06
18		296	396	400	612.83	7.98	130.00	-18.88	0.12	0.01
19		304	116	388	2,639.34	7.98	130.00	264.12	1.69	4.15
20		448	560	148	1,668.69	31.07	125.00	2,292.34	0.97	0.21
21		452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
22		492	168	385	2,660.53	7.98	130.00	318.08	2.04	5.90
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	353.63	2.27	1.08
25		548	648	601	1,316.13	7.98	130.00	231.98	1.49	1.63
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	7,173.07	2.11	0.55
29		350	305	301	2,497.41	37.29	125.00	7,173.07	2.11	1.05

Phase 1 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30		354	301	108	2,656.30	37.29	125.00	7,173.07	2.11	1.11
31		13	616	112	1,305.41	37.29	125.00	4,894.21	1.44	0.27
32		41	385	596	673.16	7.98	130.00	318.08	2.04	1.49
33		125	108	461	2,675.53	9.79	130.00	315.56	1.34	2.16
34		129	461	457	1,234.15	7.98	130.00	169.08	1.08	0.85
35		141	449	445	1,309.71	7.98	130.00	108.33	0.69	0.39
36		145	445	388	2,642.50	7.98	130.00	138.76	0.89	1.26
37		149	501	400	1,134.29	7.98	130.00	128.30	0.82	0.47
38		153	501	601	1,333.42	7.98	130.00	31.50	0.20	0.04
39		157	132	648	2,654.70	7.98	130.00	171.85	1.10	1.88
40		161	124	537	417.85	7.98	130.00	334.43	2.15	1.02
41		233	120	501	2,642.27	7.98	130.00	267.24	1.71	4.24
42		241	461	445	2,595.34	7.98	130.00	182.86	1.17	2.06
43		269	541	648	2,251.06	7.98	130.00	149.29	0.96	1.23
44		28	124	128	2,658.99	37.29	125.00	2,992.69	0.88	0.22
45		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47		300	400	404	867.39	7.98	130.00	109.43	0.70	0.27
48		131	601	652	381.84	7.98	130.00	263.48	1.69	0.60
49		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50		159	621	573	567.15	31.07	125.00	10.00	0.00	0.0000
51		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52		183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53		195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
54		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55		207	136	661	1,305.71	37.29	125.00	2,693.43	0.79	0.09
56		243	661	144	1,338.30	37.29	125.00	2,693.43	0.79	0.09
57		247	457	449	2,594.24	7.98	130.00	111.09	0.71	0.82
58		251	160	168	2,409.91	31.07	125.00	1,972.12	0.83	0.22

Phase 1 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	-187.01	0.80	0.82
65		307	713	709	403.48	9.79	130.00	303.05	1.29	0.30
66		311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
67		319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
68		391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
69		411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
70		415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
71		419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
72		303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
73		315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
74		363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
75		371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
76		407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
77		235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
78		431	741	761	338.57	9.79	130.00	297.26	1.27	0.24

Phase 1 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	5,649.97	1.66	0.36
2		16	112	116	2,648.78	37.29	125.00	4,359.80	1.28	0.44
3		20	116	120	2,632.40	37.29	125.00	3,856.58	1.13	0.35
4		24	120	124	2,664.16	37.29	125.00	3,440.09	1.01	0.29
5		32	128	132	2,630.80	37.29	125.00	2,745.49	0.81	0.19
6		36	132	136	2,587.05	37.29	125.00	2,584.38	0.76	0.16
7		48	144	560	970.26	31.07	125.00	2,584.38	1.09	0.15
8		52	148	152	1,692.36	31.07	125.00	2,183.28	0.92	0.19
9		56	152	156	859.54	31.07	125.00	2,183.28	0.92	0.10
10		60	156	160	418.07	31.07	125.00	2,183.28	0.92	0.05
11		184	160	592	1,216.80	7.98	130.00	320.21	2.05	2.73
12		228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
13		232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
14		240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
15		244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
16		288	388	392	463.24	7.98	130.00	187.14	1.20	0.38
17		292	392	396	429.31	7.98	130.00	36.41	0.23	0.02
18		296	396	400	612.83	7.98	130.00	-15.04	0.10	0.00
19		304	116	388	2,639.34	7.98	130.00	204.85	1.31	2.59
20		448	560	148	1,668.69	31.07	125.00	2,183.28	0.92	0.19
21		452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
22		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	238.03	1.53	0.52
25		548	648	601	1,316.13	7.98	130.00	157.51	1.01	0.79
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	5,927.60	1.74	0.39
29		350	305	301	2,497.41	37.29	125.00	5,927.60	1.74	0.73

Phase 1 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	5,927.60	1.74	0.78
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	4,359.80	1.28	0.22
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	277.62	1.18	1.70
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	145.76	0.94	0.64
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	85.01	0.55	0.25
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	82.40	0.53	0.48
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	76.05	0.49	0.18
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	15.64	0.10	0.01
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	122.56	0.79	1.01
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	219.77	1.41	0.47
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	199.12	1.28	2.46
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	149.82	0.96	1.43
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	124.10	0.80	0.87
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	2,834.35	0.83	0.20
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.0000
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	2,584.38	0.76	0.08
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	2,584.38	0.76	0.08
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	87.77	0.56	0.53
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	1,863.07	0.79	0.20

Phase 1 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	-168.59	0.72	0.68
65		307	713	709	403.48	9.79	130.00	303.05	1.29	0.30
66		311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
67		319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
68		391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
69		411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
70		415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
71		419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
72		303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
73		315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
74		363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
75		371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
76		407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
77		235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
78		431	741	761	338.57	9.79	130.00	297.26	1.27	0.24

Phase 1 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	5,116.22	1.50	0.30
2		16	112	116	2,648.78	37.29	125.00	3,826.05	1.12	0.35
3		20	116	120	2,632.40	37.29	125.00	3,316.47	0.97	0.26
4		24	120	124	2,664.16	37.29	125.00	2,900.58	0.85	0.21
5		32	128	132	2,630.80	37.29	125.00	2,206.54	0.65	0.12
6		36	132	136	2,587.05	37.29	125.00	2,037.94	0.60	0.11
7		48	144	560	970.26	31.07	125.00	2,037.94	0.86	0.10
8		52	148	152	1,692.36	31.07	125.00	1,874.83	0.79	0.14
9		56	152	156	859.54	31.07	125.00	1,874.83	0.79	0.07
10		60	156	160	418.07	31.07	125.00	1,874.83	0.79	0.04
11		184	160	592	1,216.80	7.98	130.00	255.75	1.64	1.80
12		228	168	328	2,633.61	13.50	130.00	1,400.05	3.14	7.01
13		232	328	332	1,371.33	13.50	130.00	1,400.05	3.14	3.65
14		240	336	340	713.16	13.50	130.00	1,367.13	3.06	1.82
15		244	340	344	498.98	13.50	130.00	1,367.13	3.06	1.27
16		288	388	392	463.24	7.98	130.00	180.81	1.16	0.36
17		292	392	396	429.31	7.98	130.00	30.08	0.19	0.01
18		296	396	400	612.83	7.98	130.00	-21.36	0.14	0.01
19		304	116	388	2,639.34	7.98	130.00	203.25	1.30	2.55
20		448	560	148	1,668.69	31.07	125.00	1,874.83	0.79	0.14
21		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
22		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	237.47	1.52	0.52
25		548	648	601	1,316.13	7.98	130.00	164.44	1.05	0.86
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	5,381.16	1.58	0.32
29		350	305	301	2,497.41	37.29	125.00	5,381.16	1.58	0.61

Phase 1 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	5,381.16	1.58	0.65
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	3,826.05	1.12	0.17
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	264.94	1.13	1.56
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	143.80	0.92	0.63
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	83.05	0.53	0.24
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	77.67	0.50	0.43
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	82.38	0.53	0.21
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	8.71	0.06	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	130.05	0.83	1.12
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	219.77	1.41	0.47
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	198.52	1.27	2.45
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	147.05	0.94	1.38
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	123.54	0.79	0.87
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	2,295.40	0.67	0.13
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	2,037.94	0.60	0.05
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	2,037.94	0.60	0.05
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	85.81	0.55	0.51
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	1,619.08	0.69	0.16

Phase 1 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	1,367.13	3.06	3.76
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
64		287	461	116	2,702.94	9.79	130.00	-176.54	0.75	0.74
65		307	713	709	403.48	9.79	130.00	350.34	1.49	0.40
66		311	709	705	611.58	9.79	130.00	230.28	0.98	0.28
67		319	701	697	1,692.26	9.79	130.00	110.22	0.47	0.19
68		391	761	693	664.15	9.79	130.00	129.91	0.55	0.10
69		411	753	681	694.40	11.65	130.00	1,237.07	3.72	3.01
70		415	717	757	639.38	9.79	130.00	490.09	2.09	1.17
71		419	757	741	1,033.11	9.79	130.00	370.03	1.58	1.12
72		303	717	713	686.37	9.79	130.00	506.85	2.16	1.33
73		315	705	701	822.74	9.79	130.00	230.28	0.98	0.37
74		363	693	697	811.24	9.79	130.00	9.84	0.04	0.000
75		371	681	717	778.76	11.65	130.00	1,117.01	3.36	2.80
76		407	677	753	1,085.06	11.65	130.00	1,237.07	3.72	4.71
77		235	665	677	964.00	13.50	130.00	1,357.13	3.04	2.42
78		431	741	761	338.57	9.79	130.00	249.97	1.07	0.18





















Phase 1 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	4,422.36	1.30	0.23
2		16	112	116	2,648.78	37.29	125.00	3,132.19	0.92	0.24
3		20	116	120	2,632.40	37.29	125.00	2,627.22	0.77	0.17
4		24	120	124	2,664.16	37.29	125.00	2,219.77	0.65	0.13
5		32	128	132	2,630.80	37.29	125.00	1,556.49	0.46	0.07
6		36	132	136	2,587.05	37.29	125.00	1,387.46	0.41	0.05
7		48	144	560	970.26	31.07	125.00	1,387.46	0.59	0.05
8		52	148	152	1,692.36	31.07	125.00	1,224.35	0.52	0.07
9		56	152	156	859.54	31.07	125.00	1,224.35	0.52	0.03
10		60	156	160	418.07	31.07	125.00	1,224.35	0.52	0.02
11		184	160	592	1,216.80	7.98	130.00	255.75	1.64	1.80
12		228	168	328	2,633.61	13.50	130.00	749.57	1.68	2.21
13		232	328	332	1,371.33	13.50	130.00	749.57	1.68	1.15
14		240	336	340	713.16	13.50	130.00	716.65	1.61	0.55
15		244	340	344	498.98	13.50	130.00	716.65	1.61	0.38
16		288	388	392	463.24	7.98	130.00	158.07	1.01	0.28
17		292	392	396	429.31	7.98	130.00	7.33	0.05	0.000
18		296	396	400	612.83	7.98	130.00	-30.13	0.19	0.02
19		304	116	388	2,639.34	7.98	130.00	193.71	1.24	2.33
20		448	560	148	1,668.69	31.07	125.00	1,224.35	0.52	0.06
21		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
22		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	206.72	1.33	0.40
25		548	648	601	1,316.13	7.98	130.00	165.06	1.06	0.87
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	4,669.16	1.37	0.25
29		350	305	301	2,497.41	37.29	125.00	4,669.16	1.37	0.47

Phase 1 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	4,669.16	1.37	0.50
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	3,132.19	0.92	0.12
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	246.80	1.05	1.37
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	138.31	0.89	0.59
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	77.56	0.50	0.21
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	64.47	0.41	0.30
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	74.57	0.48	0.17
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	8.08	0.05	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	130.48	0.84	1.13
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	219.77	1.41	0.47
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	190.08	1.22	2.26
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	139.34	0.89	1.25
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	123.74	0.79	0.87
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	1,645.35	0.48	0.07
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	44.43	0.29	0.05
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	1,387.46	0.41	0.03
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	1,387.46	0.41	0.03
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	80.32	0.52	0.45
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	968.60	0.41	0.06

Phase 1 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	716.65	1.61	1.14
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
64		287	461	116	2,702.94	9.79	130.00	-181.48	0.77	0.78
65		307	713	709	403.48	9.79	130.00	144.54	0.62	0.08
66		311	709	705	611.58	9.79	130.00	89.53	0.38	0.05
67		319	701	697	1,692.26	9.79	130.00	34.51	0.15	0.02
68		391	761	693	664.15	9.79	130.00	75.51	0.32	0.04
69		411	753	681	694.40	11.65	130.00	651.64	1.96	0.92
70		415	717	757	639.38	9.79	130.00	240.56	1.03	0.31
71		419	757	741	1,033.11	9.79	130.00	185.54	0.79	0.31
72		303	717	713	686.37	9.79	130.00	301.05	1.28	0.51
73		315	705	701	822.74	9.79	130.00	89.53	0.38	0.06
74		363	693	697	811.24	9.79	130.00	20.50	0.09	0.00
75		371	681	717	778.76	11.65	130.00	596.63	1.80	0.88
76		407	677	753	1,085.06	11.65	130.00	651.64	1.96	1.44
77		235	665	677	964.00	13.50	130.00	706.65	1.58	0.72
78		431	741	761	338.57	9.79	130.00	130.53	0.56	0.05

Phase 1 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	1,301.04	0.38	0.02
2		16	112	116	2,648.78	37.29	125.00	1,301.04	0.38	0.05
3		20	116	120	2,632.40	37.29	125.00	913.76	0.27	0.02
4		24	120	124	2,664.16	37.29	125.00	602.24	0.18	0.01
5		32	128	132	2,630.80	37.29	125.00	293.12	0.09	0.00
6		36	132	136	2,587.05	37.29	125.00	183.11	0.05	0.00
7		48	144	560	970.26	31.07	125.00	183.11	0.08	0.00
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	-41.34	0.27	0.02
17		292	392	396	429.31	7.98	130.00	-41.34	0.27	0.02
18		296	396	400	612.83	7.98	130.00	-41.34	0.27	0.03
19		304	116	388	2,639.34	7.98	130.00	106.59	0.68	0.77
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	72.32	0.46	0.06
25		548	648	601	1,316.13	7.98	130.00	54.63	0.35	0.11
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	1,466.12	0.43	0.03
29		350	305	301	2,497.41	37.29	125.00	1,466.12	0.43	0.06

Phase 1 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	1,466.12	0.43	0.06
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	1,301.04	0.38	0.02
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	165.08	0.70	0.65
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	90.84	0.58	0.27
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	30.09	0.19	0.04
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	-47.83	0.31	0.18
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	41.34	0.27	0.06
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	-54.63	0.35	0.11
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	71.46	0.46	0.37
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	94.15	0.60	0.61
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	74.51	0.48	0.39
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	72.32	0.46	0.32
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	381.98	0.11	0.00
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	183.11	0.05	0.000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	183.11	0.05	0.000
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	32.85	0.21	0.09
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
61	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	-150.91	0.64	0.56
65	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	1,301.04	0.38	0.02
2		16	112	116	2,648.78	37.29	125.00	1,301.04	0.38	0.05
3		20	116	120	2,632.40	37.29	125.00	913.76	0.27	0.02
4		24	120	124	2,664.16	37.29	125.00	602.24	0.18	0.01
5		32	128	132	2,630.80	37.29	125.00	293.12	0.09	0.00
6		36	132	136	2,587.05	37.29	125.00	183.11	0.05	0.00
7		48	144	560	970.26	31.07	125.00	183.11	0.08	0.00
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	-41.34	0.27	0.02
17		292	392	396	429.31	7.98	130.00	-41.34	0.27	0.02
18		296	396	400	612.83	7.98	130.00	-41.34	0.27	0.03
19		304	116	388	2,639.34	7.98	130.00	106.59	0.68	0.77
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	72.32	0.46	0.06
25		548	648	601	1,316.13	7.98	130.00	54.63	0.35	0.11
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	1,466.12	0.43	0.03
29		350	305	301	2,497.41	37.29	125.00	1,466.12	0.43	0.06

Phase 1 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	1,466.12	0.43	0.06
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	1,301.04	0.38	0.02
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	165.08	0.70	0.65
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	90.85	0.58	0.27
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	30.10	0.19	0.04
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	-47.83	0.31	0.18
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	41.34	0.27	0.06
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	-54.63	0.35	0.11
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	71.46	0.46	0.37
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	94.15	0.60	0.61
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	74.51	0.48	0.39
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	72.32	0.46	0.32
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	381.98	0.11	0.00
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	183.11	0.05	0.000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	183.11	0.05	0.000
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	32.86	0.21	0.09
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	-150.91	0.64	0.56
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00





















Phase 1 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4		24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.00
5		32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.00
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17		292	392	396	429.31	7.98	130.00	0.34	0.00	0.00
18		296	396	400	612.83	7.98	130.00	0.34	0.00	0.00
19		304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25		548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.00
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.00
29		350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.00
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.0000
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.0000
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.0000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00





















Phase 1 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	1,528.20	0.45	0.03
2		16	112	116	2,648.78	37.29	125.00	1,528.20	0.45	0.06
3		20	116	120	2,632.40	37.29	125.00	1,556.97	0.46	0.07
4		24	120	124	2,664.16	37.29	125.00	1,554.12	0.46	0.07
5		32	128	132	2,630.80	37.29	125.00	1,544.90	0.45	0.06
6		36	132	136	2,587.05	37.29	125.00	1,583.88	0.47	0.07
7		48	144	560	970.26	31.07	125.00	1,583.88	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,583.88	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.48	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.08	0.18	0.00
11		184	160	592	1,216.80	7.98	130.00	414.08	2.66	4.40
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	26.91	0.17	0.01
17		292	392	396	429.31	7.98	130.00	26.91	0.17	0.01
18		296	396	400	612.83	7.98	130.00	26.91	0.17	0.01
19		304	116	388	2,639.34	7.98	130.00	7.49	0.05	0.01
20		448	560	148	1,668.69	31.07	125.00	1,583.88	0.67	0.10
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	414.08	2.66	3.60
24		544	124	541	400.02	7.98	130.00	9.21	0.06	0.00
25		548	648	601	1,316.13	7.98	130.00	-29.76	0.19	0.04
26		270	628	269	692.55	7.98	130.00	207.04	1.33	0.69
27		314	592	288	4,287.49	7.98	130.00	414.08	2.66	15.49
28		342	309	305	1,312.75	37.29	125.00	1,583.88	0.47	0.03
29		350	305	301	2,497.41	37.29	125.00	1,583.88	0.47	0.06

Phase 1 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30		354	301	108	2,656.30	37.29	125.00	1,583.88	0.47	0.07
31		13	616	112	1,305.41	37.29	125.00	1,528.20	0.45	0.03
32		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33		125	108	461	2,675.53	9.79	130.00	55.68	0.24	0.09
34		129	461	457	1,234.15	7.98	130.00	7.94	0.05	0.00
35		141	449	445	1,309.71	7.98	130.00	7.94	0.05	0.00
36		145	445	388	2,642.50	7.98	130.00	19.43	0.12	0.03
37		149	501	400	1,134.29	7.98	130.00	-26.91	0.17	0.03
38		153	501	601	1,333.42	7.98	130.00	29.76	0.19	0.04
39		157	132	648	2,654.70	7.98	130.00	-38.98	0.25	0.12
40		161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41		233	120	501	2,642.27	7.98	130.00	2.85	0.02	0.000
42		241	461	445	2,595.34	7.98	130.00	11.48	0.07	0.01
43		269	541	648	2,251.06	7.98	130.00	9.21	0.06	0.01
44		28	124	128	2,658.99	37.29	125.00	1,544.90	0.45	0.06
45		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52		183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55		207	136	661	1,305.71	37.29	125.00	1,583.88	0.47	0.03
56		243	661	144	1,338.30	37.29	125.00	1,583.88	0.47	0.03
57		247	457	449	2,594.24	7.98	130.00	7.94	0.05	0.01
58		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
64		287	461	116	2,702.94	9.79	130.00	36.26	0.15	0.04
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	1,528.20	0.45	0.03
2		16	112	116	2,648.78	37.29	125.00	1,528.20	0.45	0.06
3		20	116	120	2,632.40	37.29	125.00	1,556.97	0.46	0.07
4		24	120	124	2,664.16	37.29	125.00	1,554.12	0.46	0.07
5		32	128	132	2,630.80	37.29	125.00	1,544.90	0.45	0.06
6		36	132	136	2,587.05	37.29	125.00	1,583.88	0.47	0.07
7		48	144	560	970.26	31.07	125.00	1,583.88	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,583.88	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.48	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.08	0.18	0.00
11		184	160	592	1,216.80	7.98	130.00	414.08	2.66	4.40
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	26.91	0.17	0.01
17		292	392	396	429.31	7.98	130.00	26.91	0.17	0.01
18		296	396	400	612.83	7.98	130.00	26.91	0.17	0.01
19		304	116	388	2,639.34	7.98	130.00	7.49	0.05	0.01
20		448	560	148	1,668.69	31.07	125.00	1,583.88	0.67	0.10
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	414.08	2.66	3.60
24		544	124	541	400.02	7.98	130.00	9.21	0.06	0.00
25		548	648	601	1,316.13	7.98	130.00	-29.76	0.19	0.04
26		270	628	269	692.55	7.98	130.00	207.04	1.33	0.69
27		314	592	288	4,287.49	7.98	130.00	414.08	2.66	15.49
28		342	309	305	1,312.75	37.29	125.00	1,583.88	0.47	0.03
29		350	305	301	2,497.41	37.29	125.00	1,583.88	0.47	0.06

Phase 1 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	1,583.88	0.47	0.07
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	1,528.20	0.45	0.03
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	55.68	0.24	0.09
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	7.94	0.05	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	7.94	0.05	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	19.43	0.12	0.03
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-26.91	0.17	0.03
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	29.76	0.19	0.04
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-38.98	0.25	0.12
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	2.85	0.02	0.000
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	11.48	0.07	0.01
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	9.21	0.06	0.01
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	1,544.90	0.45	0.06
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.0000
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	1,583.88	0.47	0.03
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	1,583.88	0.47	0.03
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	7.94	0.05	0.01
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.0000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	36.26	0.15	0.04
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	1,528.20	0.45	0.03
2		16	112	116	2,648.78	37.29	125.00	1,528.20	0.45	0.06
3		20	116	120	2,632.40	37.29	125.00	1,556.97	0.46	0.07
4		24	120	124	2,664.16	37.29	125.00	1,554.12	0.46	0.07
5		32	128	132	2,630.80	37.29	125.00	1,544.90	0.45	0.06
6		36	132	136	2,587.05	37.29	125.00	1,583.88	0.47	0.07
7		48	144	560	970.26	31.07	125.00	1,583.88	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,583.88	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.48	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.08	0.18	0.00
11		184	160	592	1,216.80	7.98	130.00	414.08	2.66	4.40
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	26.91	0.17	0.01
17		292	392	396	429.31	7.98	130.00	26.91	0.17	0.01
18		296	396	400	612.83	7.98	130.00	26.91	0.17	0.01
19		304	116	388	2,639.34	7.98	130.00	7.49	0.05	0.01
20		448	560	148	1,668.69	31.07	125.00	1,583.88	0.67	0.10
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	414.08	2.66	3.60
24		544	124	541	400.02	7.98	130.00	9.21	0.06	0.00
25		548	648	601	1,316.13	7.98	130.00	-29.76	0.19	0.04
26		270	628	269	692.55	7.98	130.00	207.04	1.33	0.69
27		314	592	288	4,287.49	7.98	130.00	414.08	2.66	15.49
28		342	309	305	1,312.75	37.29	125.00	1,583.88	0.47	0.03
29		350	305	301	2,497.41	37.29	125.00	1,583.88	0.47	0.06

Phase 1 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30		354	301	108	2,656.30	37.29	125.00	1,583.88	0.47	0.07
31		13	616	112	1,305.41	37.29	125.00	1,528.20	0.45	0.03
32		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33		125	108	461	2,675.53	9.79	130.00	55.68	0.24	0.09
34		129	461	457	1,234.15	7.98	130.00	7.94	0.05	0.00
35		141	449	445	1,309.71	7.98	130.00	7.94	0.05	0.00
36		145	445	388	2,642.50	7.98	130.00	19.43	0.12	0.03
37		149	501	400	1,134.29	7.98	130.00	-26.91	0.17	0.03
38		153	501	601	1,333.42	7.98	130.00	29.76	0.19	0.04
39		157	132	648	2,654.70	7.98	130.00	-38.98	0.25	0.12
40		161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41		233	120	501	2,642.27	7.98	130.00	2.85	0.02	0.000
42		241	461	445	2,595.34	7.98	130.00	11.48	0.07	0.01
43		269	541	648	2,251.06	7.98	130.00	9.21	0.06	0.01
44		28	124	128	2,658.99	37.29	125.00	1,544.90	0.45	0.06
45		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49		155	617	657	564.22	31.07	125.00	10.00	0.00	0.0000
50		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52		183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55		207	136	661	1,305.71	37.29	125.00	1,583.88	0.47	0.03
56		243	661	144	1,338.30	37.29	125.00	1,583.88	0.47	0.03
57		247	457	449	2,594.24	7.98	130.00	7.94	0.05	0.01
58		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	36.26	0.15	0.04
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00





















Phase 1 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	1,528.20	0.45	0.03
2		16	112	116	2,648.78	37.29	125.00	1,528.20	0.45	0.06
3		20	116	120	2,632.40	37.29	125.00	1,556.97	0.46	0.07
4		24	120	124	2,664.16	37.29	125.00	1,554.12	0.46	0.07
5		32	128	132	2,630.80	37.29	125.00	1,544.90	0.45	0.06
6		36	132	136	2,587.05	37.29	125.00	1,583.88	0.47	0.07
7		48	144	560	970.26	31.07	125.00	1,583.88	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,583.88	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.48	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.08	0.18	0.00
11		184	160	592	1,216.80	7.98	130.00	414.08	2.66	4.40
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	26.91	0.17	0.01
17		292	392	396	429.31	7.98	130.00	26.91	0.17	0.01
18		296	396	400	612.83	7.98	130.00	26.91	0.17	0.01
19		304	116	388	2,639.34	7.98	130.00	7.49	0.05	0.01
20		448	560	148	1,668.69	31.07	125.00	1,583.88	0.67	0.10
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	414.08	2.66	3.60
24		544	124	541	400.02	7.98	130.00	9.21	0.06	0.00
25		548	648	601	1,316.13	7.98	130.00	-29.76	0.19	0.04
26		270	628	269	692.55	7.98	130.00	207.04	1.33	0.69
27		314	592	288	4,287.49	7.98	130.00	414.08	2.66	15.49
28		342	309	305	1,312.75	37.29	125.00	1,583.88	0.47	0.03
29		350	305	301	2,497.41	37.29	125.00	1,583.88	0.47	0.06

Phase 1 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	1,583.88	0.47	0.07
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	1,528.20	0.45	0.03
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	55.68	0.24	0.09
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	7.94	0.05	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	7.94	0.05	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	19.43	0.12	0.03
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-26.91	0.17	0.03
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	29.76	0.19	0.04
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-38.98	0.25	0.12
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	2.85	0.02	0.000
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	11.48	0.07	0.01
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	9.21	0.06	0.01
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	1,544.90	0.45	0.06
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	1,583.88	0.47	0.03
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	1,583.88	0.47	0.03
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	7.94	0.05	0.01
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	36.26	0.15	0.04
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	1,528.20	0.45	0.03
2		16	112	116	2,648.78	37.29	125.00	1,528.20	0.45	0.06
3		20	116	120	2,632.40	37.29	125.00	1,556.97	0.46	0.07
4		24	120	124	2,664.16	37.29	125.00	1,554.12	0.46	0.07
5		32	128	132	2,630.80	37.29	125.00	1,544.90	0.45	0.06
6		36	132	136	2,587.05	37.29	125.00	1,583.88	0.47	0.07
7		48	144	560	970.26	31.07	125.00	1,583.88	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,583.88	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.48	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.08	0.18	0.00
11		184	160	592	1,216.80	7.98	130.00	414.08	2.66	4.40
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	26.91	0.17	0.01
17		292	392	396	429.31	7.98	130.00	26.91	0.17	0.01
18		296	396	400	612.83	7.98	130.00	26.91	0.17	0.01
19		304	116	388	2,639.34	7.98	130.00	7.49	0.05	0.01
20		448	560	148	1,668.69	31.07	125.00	1,583.88	0.67	0.10
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	414.08	2.66	3.60
24		544	124	541	400.02	7.98	130.00	9.21	0.06	0.00
25		548	648	601	1,316.13	7.98	130.00	-29.76	0.19	0.04
26		270	628	269	692.55	7.98	130.00	207.04	1.33	0.69
27		314	592	288	4,287.49	7.98	130.00	414.08	2.66	15.49
28		342	309	305	1,312.75	37.29	125.00	1,583.88	0.47	0.03
29		350	305	301	2,497.41	37.29	125.00	1,583.88	0.47	0.06

Phase 1 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	1,583.88	0.47	0.07
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	1,528.20	0.45	0.03
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	55.68	0.24	0.09
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	7.94	0.05	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	7.94	0.05	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	19.43	0.12	0.03
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-26.91	0.17	0.03
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	29.76	0.19	0.04
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-38.98	0.25	0.12
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	2.85	0.02	0.000
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	11.48	0.07	0.01
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	9.21	0.06	0.01
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	1,544.90	0.45	0.06
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.0000
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	1,583.88	0.47	0.03
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	1,583.88	0.47	0.03
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	7.94	0.05	0.01
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	36.26	0.15	0.04
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	1,528.20	0.45	0.03
2		16	112	116	2,648.78	37.29	125.00	1,528.20	0.45	0.06
3		20	116	120	2,632.40	37.29	125.00	1,556.97	0.46	0.07
4		24	120	124	2,664.16	37.29	125.00	1,554.12	0.46	0.07
5		32	128	132	2,630.80	37.29	125.00	1,544.90	0.45	0.06
6		36	132	136	2,587.05	37.29	125.00	1,583.88	0.47	0.07
7		48	144	560	970.26	31.07	125.00	1,583.88	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,583.88	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.48	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.08	0.18	0.00
11		184	160	592	1,216.80	7.98	130.00	414.08	2.66	4.40
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	26.91	0.17	0.01
17		292	392	396	429.31	7.98	130.00	26.91	0.17	0.01
18		296	396	400	612.83	7.98	130.00	26.91	0.17	0.01
19		304	116	388	2,639.34	7.98	130.00	7.49	0.05	0.01
20		448	560	148	1,668.69	31.07	125.00	1,583.88	0.67	0.10
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	414.08	2.66	3.60
24		544	124	541	400.02	7.98	130.00	9.21	0.06	0.00
25		548	648	601	1,316.13	7.98	130.00	-29.76	0.19	0.04
26		270	628	269	692.55	7.98	130.00	207.04	1.33	0.69
27		314	592	288	4,287.49	7.98	130.00	414.08	2.66	15.49
28		342	309	305	1,312.75	37.29	125.00	1,583.88	0.47	0.03
29		350	305	301	2,497.41	37.29	125.00	1,583.88	0.47	0.06

Phase 1 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30		354	301	108	2,656.30	37.29	125.00	1,583.88	0.47	0.07
31		13	616	112	1,305.41	37.29	125.00	1,528.20	0.45	0.03
32		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33		125	108	461	2,675.53	9.79	130.00	55.68	0.24	0.09
34		129	461	457	1,234.15	7.98	130.00	7.94	0.05	0.00
35		141	449	445	1,309.71	7.98	130.00	7.94	0.05	0.00
36		145	445	388	2,642.50	7.98	130.00	19.43	0.12	0.03
37		149	501	400	1,134.29	7.98	130.00	-26.91	0.17	0.03
38		153	501	601	1,333.42	7.98	130.00	29.76	0.19	0.04
39		157	132	648	2,654.70	7.98	130.00	-38.98	0.25	0.12
40		161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41		233	120	501	2,642.27	7.98	130.00	2.85	0.02	0.000
42		241	461	445	2,595.34	7.98	130.00	11.48	0.07	0.01
43		269	541	648	2,251.06	7.98	130.00	9.21	0.06	0.01
44		28	124	128	2,658.99	37.29	125.00	1,544.90	0.45	0.06
45		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52		183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55		207	136	661	1,305.71	37.29	125.00	1,583.88	0.47	0.03
56		243	661	144	1,338.30	37.29	125.00	1,583.88	0.47	0.03
57		247	457	449	2,594.24	7.98	130.00	7.94	0.05	0.01
58		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
64	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	36.26	0.15	0.04
65	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.00
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.0000
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	0.34	0.00	0.0000
18	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	0.34	0.00	0.00
19	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.0000
26	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.0000
29	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.00

Phase 1 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.0000
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.00
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.00
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.00
3		20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4		24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.00
5		32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.00
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17		292	392	396	429.31	7.98	130.00	0.34	0.00	0.00
18		296	396	400	612.83	7.98	130.00	0.34	0.00	0.0000
19		304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25		548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.0000
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.0000
29		350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.00

Phase 1 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.0000
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.00
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.0000
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.0000
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.0000
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.0000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4		24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.00
5		32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.00
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.00
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17		292	392	396	429.31	7.98	130.00	0.34	0.00	0.00
18		296	396	400	612.83	7.98	130.00	0.34	0.00	0.00
19		304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25		548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.00
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.00
29		350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.00
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.0000
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.0000
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.0000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
64	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4		24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.00
5		32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.00
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17		292	392	396	429.31	7.98	130.00	0.34	0.00	0.00
18		296	396	400	612.83	7.98	130.00	0.34	0.00	0.00
19		304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25		548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.00
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.0000
29		350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.00

Phase 1 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.00
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.0000
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.0000
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.0000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4		24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.00
5		32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.00
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17		292	392	396	429.31	7.98	130.00	0.34	0.00	0.00
18		296	396	400	612.83	7.98	130.00	0.34	0.00	0.00
19		304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25		548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.00
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.0000
29		350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.00

Phase 1 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.00
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.0000
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.0000
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.0000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00





















Phase 1 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.00
3		20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4		24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.00
5		32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.00
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17		292	392	396	429.31	7.98	130.00	0.34	0.00	0.00
18		296	396	400	612.83	7.98	130.00	0.34	0.00	0.0000
19		304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25		548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.0000
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.0000
29		350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.00

Phase 1 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.0000
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.00
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.0000
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.0000
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.0000
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.0000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00





















Phase 1 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.00
3		20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4		24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.00
5		32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.00
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17		292	392	396	429.31	7.98	130.00	0.34	0.00	0.00
18		296	396	400	612.83	7.98	130.00	0.34	0.00	0.0000
19		304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25		548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.0000
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.0000
29		350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.00

Phase 1 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.0000
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.00
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.0000
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.0000
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.0000
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.0000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.00
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.0000
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	0.34	0.00	0.0000
17	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	0.34	0.00	0.00
18	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	0.34	0.00	0.00
19	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.0000
26	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.0000
29	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.00

Phase 1 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.0000
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.00
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.00
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	19.30	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	19.30	0.01	0.00
3		20	116	120	2,632.40	37.29	125.00	19.66	0.01	0.0000
4		24	120	124	2,664.16	37.29	125.00	19.63	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.51	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.00
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
12		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
13		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
14		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
15		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
16		288	388	392	463.24	7.98	130.00	0.34	0.00	0.00
17		292	392	396	429.31	7.98	130.00	0.34	0.00	0.0000
18		296	396	400	612.83	7.98	130.00	0.34	0.00	0.00
19		304	116	388	2,639.34	7.98	130.00	0.09	0.000	0.00
20		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
21		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
22		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
25		548	648	601	1,316.13	7.98	130.00	-0.38	0.00	0.0000
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	20.00	0.01	0.0000
29		350	305	301	2,497.41	37.29	125.00	20.00	0.01	0.00

Phase 1 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	20.00	0.01	0.0000
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	19.30	0.01	0.0000
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.70	0.00	0.0000
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	0.10	0.000	0.00
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.10	0.000	0.00
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.25	0.00	0.00
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.34	0.00	0.00
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.38	0.00	0.00
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.49	0.00	0.0000
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.15	0.000	0.00
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	19.51	0.01	0.00
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.0000
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.10	0.000	0.00
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000

Phase 1 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	0.46	0.00	0.00
65		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
66		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
67		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
68		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
69		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
70		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
71		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
72		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
73		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
74		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
75		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
76		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
77		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
78		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 1 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	3,939.20	1.16	0.19
2		16	112	116	2,648.78	37.29	125.00	2,649.03	0.78	0.18
3		20	116	120	2,632.40	37.29	125.00	2,126.64	0.62	0.12
4		24	120	124	2,664.16	37.29	125.00	1,711.31	0.50	0.08
5		32	128	132	2,630.80	37.29	125.00	1,017.38	0.30	0.03
6		36	132	136	2,587.05	37.29	125.00	837.17	0.25	0.02
7		48	144	560	970.26	31.07	125.00	837.17	0.35	0.02
8		52	148	152	1,692.36	31.07	125.00	674.81	0.29	0.02
9		56	152	156	859.54	31.07	125.00	674.81	0.29	0.01
10		60	156	160	418.07	31.07	125.00	674.81	0.29	0.01
11		184	160	592	1,216.80	7.98	130.00	255.75	1.64	1.80
12		228	168	328	2,633.61	13.50	130.00	200.03	0.45	0.19
13		232	328	332	1,371.33	13.50	130.00	200.03	0.45	0.10
14		240	336	340	713.16	13.50	130.00	167.11	0.37	0.04
15		244	340	344	498.98	13.50	130.00	167.11	0.37	0.03
16		288	388	392	463.24	7.98	130.00	169.89	1.09	0.32
17		292	392	396	429.31	7.98	130.00	19.15	0.12	0.01
18		296	396	400	612.83	7.98	130.00	-32.29	0.21	0.02
19		304	116	388	2,639.34	7.98	130.00	201.05	1.29	2.50
20		448	560	148	1,668.69	31.07	125.00	674.81	0.29	0.02
21		452	560	536	151.48	7.98	130.00	162.37	1.04	0.10
22		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	237.37	1.52	0.52
25		548	648	601	1,316.13	7.98	130.00	175.93	1.13	0.97
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	4,180.39	1.23	0.20
29		350	305	301	2,497.41	37.29	125.00	4,180.39	1.23	0.38

Phase 1 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	4,180.39	1.23	0.41
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	2,649.03	0.78	0.09
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	241.20	1.03	1.31
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	140.17	0.90	0.60
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	79.42	0.51	0.22
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	68.95	0.44	0.35
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	93.31	0.60	0.26
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	-2.79	0.02	0.000
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	141.66	0.91	1.32
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	219.77	1.41	0.47
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	197.95	1.27	2.43
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	141.95	0.91	1.29
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	123.43	0.79	0.86
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	1,106.24	0.32	0.03
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	837.17	0.25	0.01
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	837.17	0.25	0.01
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	82.18	0.53	0.47
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	419.05	0.18	0.01

Phase 1 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	167.11	0.37	0.08
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	-191.56	0.82	0.87
65		307	713	709	403.48	9.79	130.00	-34.85	0.15	0.01
66		311	709	705	611.58	9.79	130.00	-34.85	0.15	0.01
67		319	701	697	1,692.26	9.79	130.00	-34.85	0.15	0.02
68		391	761	693	664.15	9.79	130.00	34.85	0.15	0.01
69		411	753	681	694.40	11.65	130.00	157.11	0.47	0.07
70		415	717	757	639.38	9.79	130.00	34.85	0.15	0.01
71		419	757	741	1,033.11	9.79	130.00	34.85	0.15	0.01
72		303	717	713	686.37	9.79	130.00	122.26	0.52	0.10
73		315	705	701	822.74	9.79	130.00	-34.85	0.15	0.01
74		363	693	697	811.24	9.79	130.00	34.85	0.15	0.01
75		371	681	717	778.76	11.65	130.00	157.11	0.47	0.07
76		407	677	753	1,085.06	11.65	130.00	157.11	0.47	0.10
77		235	665	677	964.00	13.50	130.00	157.11	0.35	0.04
78		431	741	761	338.57	9.79	130.00	34.85	0.15	0.00





















Phase 1 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	3,939.20	1.16	0.19
2		16	112	116	2,648.78	37.29	125.00	2,649.03	0.78	0.18
3		20	116	120	2,632.40	37.29	125.00	2,126.64	0.62	0.12
4		24	120	124	2,664.16	37.29	125.00	1,711.31	0.50	0.08
5		32	128	132	2,630.80	37.29	125.00	1,017.38	0.30	0.03
6		36	132	136	2,587.05	37.29	125.00	837.17	0.25	0.02
7		48	144	560	970.26	31.07	125.00	837.17	0.35	0.02
8		52	148	152	1,692.36	31.07	125.00	674.81	0.29	0.02
9		56	152	156	859.54	31.07	125.00	674.81	0.29	0.01
10		60	156	160	418.07	31.07	125.00	674.81	0.29	0.01
11		184	160	592	1,216.80	7.98	130.00	255.75	1.64	1.80
12		228	168	328	2,633.61	13.50	130.00	200.03	0.45	0.19
13		232	328	332	1,371.33	13.50	130.00	200.03	0.45	0.10
14		240	336	340	713.16	13.50	130.00	167.11	0.37	0.04
15		244	340	344	498.98	13.50	130.00	167.11	0.37	0.03
16		288	388	392	463.24	7.98	130.00	169.89	1.09	0.32
17		292	392	396	429.31	7.98	130.00	19.15	0.12	0.01
18		296	396	400	612.83	7.98	130.00	-32.29	0.21	0.02
19		304	116	388	2,639.34	7.98	130.00	201.05	1.29	2.50
20		448	560	148	1,668.69	31.07	125.00	674.81	0.29	0.02
21		452	560	536	151.48	7.98	130.00	162.37	1.04	0.10
22		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	237.37	1.52	0.52
25		548	648	601	1,316.13	7.98	130.00	175.93	1.13	0.97
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	4,180.39	1.23	0.20
29		350	305	301	2,497.41	37.29	125.00	4,180.39	1.23	0.38

Phase 1 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30		354	301	108	2,656.30	37.29	125.00	4,180.39	1.23	0.41
31		13	616	112	1,305.41	37.29	125.00	2,649.03	0.78	0.09
32		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
33		125	108	461	2,675.53	9.79	130.00	241.20	1.03	1.31
34		129	461	457	1,234.15	7.98	130.00	140.17	0.90	0.60
35		141	449	445	1,309.71	7.98	130.00	79.42	0.51	0.22
36		145	445	388	2,642.50	7.98	130.00	68.95	0.44	0.35
37		149	501	400	1,134.29	7.98	130.00	93.31	0.60	0.26
38		153	501	601	1,333.42	7.98	130.00	-2.79	0.02	0.000
39		157	132	648	2,654.70	7.98	130.00	141.66	0.91	1.32
40		161	124	537	417.85	7.98	130.00	219.77	1.41	0.47
41		233	120	501	2,642.27	7.98	130.00	197.95	1.27	2.43
42		241	461	445	2,595.34	7.98	130.00	141.95	0.91	1.29
43		269	541	648	2,251.06	7.98	130.00	123.43	0.79	0.86
44		28	124	128	2,658.99	37.29	125.00	1,106.24	0.32	0.03
45		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47		300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
48		131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
49		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52		183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53		195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
54		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
55		207	136	661	1,305.71	37.29	125.00	837.17	0.25	0.01
56		243	661	144	1,338.30	37.29	125.00	837.17	0.25	0.01
57		247	457	449	2,594.24	7.98	130.00	82.18	0.53	0.47
58		251	160	168	2,409.91	31.07	125.00	419.05	0.18	0.01

Phase 1 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	167.11	0.37	0.08
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	-191.56	0.82	0.87
65		307	713	709	403.48	9.79	130.00	-34.85	0.15	0.01
66		311	709	705	611.58	9.79	130.00	-34.85	0.15	0.01
67		319	701	697	1,692.26	9.79	130.00	-34.85	0.15	0.02
68		391	761	693	664.15	9.79	130.00	34.85	0.15	0.01
69		411	753	681	694.40	11.65	130.00	157.11	0.47	0.07
70		415	717	757	639.38	9.79	130.00	34.85	0.15	0.01
71		419	757	741	1,033.11	9.79	130.00	34.85	0.15	0.01
72		303	717	713	686.37	9.79	130.00	122.26	0.52	0.10
73		315	705	701	822.74	9.79	130.00	-34.85	0.15	0.01
74		363	693	697	811.24	9.79	130.00	34.85	0.15	0.01
75		371	681	717	778.76	11.65	130.00	157.11	0.47	0.07
76		407	677	753	1,085.06	11.65	130.00	157.11	0.47	0.10
77		235	665	677	964.00	13.50	130.00	157.11	0.35	0.04
78		431	741	761	338.57	9.79	130.00	34.85	0.15	0.00

Phase 1 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	6,857.45	2.01	0.52
2		16	112	116	2,648.78	37.29	125.00	4,894.14	1.44	0.55
3		20	116	120	2,632.40	37.29	125.00	4,313.33	1.27	0.43
4		24	120	124	2,664.16	37.29	125.00	3,828.70	1.12	0.35
5		32	128	132	2,630.80	37.29	125.00	2,903.84	0.85	0.21
6		36	132	136	2,587.05	37.29	125.00	2,693.43	0.79	0.18
7		48	144	560	970.26	31.07	125.00	2,693.43	1.14	0.16
8		52	148	152	1,692.36	31.07	125.00	2,292.34	0.97	0.21
9		56	152	156	859.54	31.07	125.00	2,292.34	0.97	0.11
10		60	156	160	418.07	31.07	125.00	2,292.34	0.97	0.05
11		184	160	592	1,216.80	7.98	130.00	320.21	2.05	2.73
12		228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
13		232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
14		240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
15		244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
16		288	388	392	463.24	7.98	130.00	302.73	1.94	0.94
17		292	392	396	429.31	7.98	130.00	73.35	0.47	0.06
18		296	396	400	612.83	7.98	130.00	-18.91	0.12	0.01
19		304	116	388	2,639.34	7.98	130.00	264.17	1.69	4.15
20		448	560	148	1,668.69	31.07	125.00	2,292.34	0.97	0.21
21		452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
22		492	168	385	2,660.53	7.98	130.00	318.08	2.04	5.90
23		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
24		544	124	541	400.02	7.98	130.00	353.64	2.27	1.08
25		548	648	601	1,316.13	7.98	130.00	232.00	1.49	1.63
26		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
27		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
28		342	309	305	1,312.75	37.29	125.00	7,173.07	2.11	0.55
29		350	305	301	2,497.41	37.29	125.00	7,173.07	2.11	1.05



Phase 1 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
30	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	7,173.07	2.11	1.11
31	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	4,894.14	1.44	0.27
32	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	318.08	2.04	1.49
33	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	315.62	1.35	2.16
34	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	169.05	1.08	0.85
35	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	108.30	0.69	0.39
36	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	138.67	0.89	1.26
37	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	128.34	0.82	0.47
38	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	31.48	0.20	0.04
39	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	171.86	1.10	1.88
40	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	334.43	2.15	1.02
41	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	267.25	1.71	4.24
42	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	182.80	1.17	2.06
43	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	149.30	0.96	1.23
44	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	2,992.70	0.88	0.22
45	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
46	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
47	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	109.43	0.70	0.27
48	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	263.48	1.69	0.60
49	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
50	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
51	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
52	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	0.00	0.00	0.00
53	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
54	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.0000
55	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	2,693.43	0.79	0.09
56	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	2,693.43	0.79	0.09
57	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	111.06	0.71	0.82
58	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	1,972.12	0.83	0.22



Phase 1 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
59		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
60		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
61		263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
62		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
63		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
64		287	461	116	2,702.94	9.79	130.00	-186.86	0.80	0.83
65		307	713	709	403.48	9.79	130.00	303.06	1.29	0.30
66		311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
67		319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
68		391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
69		411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
70		415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
71		419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
72		303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
73		315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
74		363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
75		371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
76		407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
77		235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
78		431	741	761	338.57	9.79	130.00	297.26	1.27	0.24



Phase 1 Pump Report for t = 0:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	7,173.07	115.52
2		1203	344	665	1,611.12	76.10



Phase 1 Pump Report for t = 1:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	5,927.60	115.50
2		1203	344	665	1,611.12	74.66



Phase 1 Pump Report for t = 2:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	5,381.16	115.51
2		1203	344	665	1,367.13	67.38



Phase 1 Pump Report for t = 3:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	4,669.16	115.50
2		1203	344	665	716.65	53.92



Phase 1 Pump Report for t = 4:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	1,466.12	115.50
2		1203	344	665	10.00	46.14



Phase 1 Pump Report for t = 5:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	1,466.12	115.50
2		1203	344	665	10.00	46.14



Phase 1 Pump Report for t = 6:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 7:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	1,583.88	115.51
2		1203	344	665	10.00	46.84



Phase 1 Pump Report for t = 8:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	1,583.88	115.51
2		1203	344	665	10.00	46.84



Phase 1 Pump Report for t = 9:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	1,583.88	115.51
2		1203	344	665	10.00	46.84



Phase 1 Pump Report for t = 10:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	1,583.88	115.51
2		1203	344	665	10.00	46.84



Phase 1 Pump Report for t = 11:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	1,583.88	115.51
2		1203	344	665	10.00	46.84



Phase 1 Pump Report for t = 12:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	1,583.88	115.51
2		1203	344	665	10.00	46.84



Phase 1 Pump Report for t = 13:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 14:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 15:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 16:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 17:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 18:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 19:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 20:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 21:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 1 Pump Report for t = 22:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	4,180.39	115.51
2		1203	344	665	167.11	48.12

Phase 1 Pump Report for t = 23:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	4,180.39	115.51
2		1203	344	665	167.11	48.12

Phase 1 Pump Report for t = 24:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1001	2006	309	7,173.07	115.49
2		1203	344	665	1,611.12	76.02

Phase 2 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	491.70	53.21
2	<input type="checkbox"/>	112	167.43	374.62	490.05	50.01
3	<input type="checkbox"/>	116	129.78	378.08	488.99	48.05
4	<input type="checkbox"/>	120	217.38	385.56	488.04	44.41
5	<input type="checkbox"/>	124	147.93	387.85	487.27	43.08
6	<input type="checkbox"/>	128	88.86	390.02	486.71	41.89
7	<input type="checkbox"/>	132	38.55	383.45	486.25	44.54
8	<input type="checkbox"/>	136	0.00	377.67	485.83	46.87
9	<input type="checkbox"/>	144	0.00	382.00	485.40	44.80
10	<input type="checkbox"/>	148	0.00	384.90	485.12	43.42
11	<input type="checkbox"/>	152	0.00	387.06	484.96	42.42
12	<input type="checkbox"/>	156	0.00	387.15	484.88	42.35
13	<input type="checkbox"/>	160	0.00	385.30	484.84	43.13
14	<input type="checkbox"/>	168	0.00	392.25	484.62	40.02
15	<input type="checkbox"/>	176	0.00	377.66	485.06	46.53
16	<input type="checkbox"/>	188	0.00	371.85	484.35	48.75
17	<input type="checkbox"/>	196	0.00	372.77	484.00	48.20
18	<input type="checkbox"/>	204	0.00	368.10	483.60	50.04
19	<input type="checkbox"/>	216	400.71	367.60	481.00	49.14
20	<input type="checkbox"/>	220	0.00	362.39	483.12	52.31
21	<input type="checkbox"/>	232	0.00	361.59	482.93	52.57
22	<input type="checkbox"/>	236	0.00	360.09	482.89	53.21
23	<input type="checkbox"/>	240	0.00	358.49	482.88	53.90
24	<input type="checkbox"/>	244	285.48	358.05	481.61	53.54
25	<input type="checkbox"/>	272	0.00	351.43	482.82	56.93
26	<input type="checkbox"/>	276	0.00	349.80	482.82	57.64
27	<input type="checkbox"/>	288	0.00	375.46	484.84	47.39
28	<input type="checkbox"/>	328	0.00	397.27	475.17	33.76
29	<input type="checkbox"/>	332	32.92	401.51	470.25	29.79

Phase 2 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	465.16	25.11
31	<input type="checkbox"/>	340	0.00	406.47	462.69	24.36
32	<input type="checkbox"/>	344	0.00	404.87	460.97	24.31
33	<input type="checkbox"/>	388	100.11	376.45	484.92	47.00
34	<input type="checkbox"/>	392	229.38	377.15	483.77	46.20
35	<input type="checkbox"/>	396	92.27	378.22	483.64	45.68
36	<input type="checkbox"/>	400	0.00	381.65	483.63	44.19
37	<input type="checkbox"/>	404	109.43	379.03	483.37	45.21
38	<input type="checkbox"/>	472	160.16	352.64	482.82	56.41
39	<input type="checkbox"/>	476	133.06	350.72	482.60	57.15
40	<input type="checkbox"/>	480	0.00	351.63	482.82	56.85
41	<input type="checkbox"/>	528	50.05	361.17	482.92	52.75
42	<input type="checkbox"/>	536	401.10	382.20	484.76	44.44
43	<input type="checkbox"/>	560	0.00	382.50	485.27	44.53
44	<input type="checkbox"/>	592	0.00	382.88	484.84	44.18
45	<input type="checkbox"/>	596	318.08	387.55	477.23	38.86
46	<input type="checkbox"/>	628	0.00	373.74	484.84	48.14
47	<input type="checkbox"/>	636	0.00	360.96	476.30	49.98
48	<input type="checkbox"/>	640	200.03	373.91	484.62	47.97
49	<input type="checkbox"/>	644	0.00	362.08	479.41	50.84
50	<input type="checkbox"/>	648	89.16	381.62	484.97	44.78
51	<input type="checkbox"/>	652	263.48	377.56	483.14	45.75
52	<input type="checkbox"/>	728	0.00	360.55	474.18	49.24
53	<input type="checkbox"/>	732	0.00	361.71	470.13	46.98
54	<input type="checkbox"/>	760	702.58	363.73	460.56	41.96
55	<input type="checkbox"/>	764	0.00	359.47	482.87	53.47
56	<input type="checkbox"/>	768	0.00	357.26	482.86	54.42
57	<input type="checkbox"/>	772	0.00	357.57	482.85	54.28
58	<input type="checkbox"/>	776	0.00	353.17	482.83	56.18

Phase 2 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	482.82	55.96
60	<input type="checkbox"/>	269	0.00	374.15	484.84	47.96
61	<input type="checkbox"/>	273	0.00	363.39	470.13	46.25
62	<input type="checkbox"/>	301	189.60	371.42	493.93	53.08
63	<input type="checkbox"/>	305	182.76	379.25	496.17	50.66
64	<input type="checkbox"/>	309	0.00	382.11	497.53	50.01
65	<input type="checkbox"/>	616	1,963.30	371.92	490.69	51.46
66	<input type="checkbox"/>	385	0.00	385.91	478.72	40.21
67	<input type="checkbox"/>	421	73.98	391.00	485.57	40.98
68	<input type="checkbox"/>	425	180.33	394.08	484.24	39.07
69	<input type="checkbox"/>	429	271.14	383.37	485.35	44.19
70	<input type="checkbox"/>	433	37.77	390.00	485.37	41.32
71	<input type="checkbox"/>	437	54.90	388.00	485.25	42.14
72	<input type="checkbox"/>	441	154.83	382.75	485.95	44.72
73	<input type="checkbox"/>	445	152.43	366.80	486.89	52.04
74	<input type="checkbox"/>	449	2.76	362.01	487.57	54.40
75	<input type="checkbox"/>	457	57.99	363.91	488.95	54.18
76	<input type="checkbox"/>	461	150.63	368.29	488.99	52.30
77	<input type="checkbox"/>	465	127.44	367.39	490.91	53.52
78	<input type="checkbox"/>	469	130.77	369.16	492.25	53.33
79	<input type="checkbox"/>	473	67.71	368.81	493.06	53.84
80	<input type="checkbox"/>	481	111.54	380.00	495.26	49.94
81	<input type="checkbox"/>	485	125.64	384.00	492.83	47.16
82	<input type="checkbox"/>	489	54.18	388.85	489.81	43.74
83	<input type="checkbox"/>	493	141.45	377.57	486.91	47.38
84	<input type="checkbox"/>	497	0.00	379.50	489.81	47.80
85	<input type="checkbox"/>	501	107.43	381.45	483.89	44.39
86	<input type="checkbox"/>	505	140.46	383.49	487.15	44.92
87	<input type="checkbox"/>	509	219.27	379.21	491.46	48.64

Phase 2 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	488.86	46.02
89	<input type="checkbox"/>	525	279.61	375.92	494.03	51.18
90	<input type="checkbox"/>	529	159.52	378.05	494.93	50.64
91	<input type="checkbox"/>	533	320.20	393.75	484.75	39.43
92	<input type="checkbox"/>	537	334.43	388.65	485.32	41.89
93	<input type="checkbox"/>	541	204.34	386.87	486.19	43.04
94	<input type="checkbox"/>	545	424.37	375.12	486.57	48.29
95	<input type="checkbox"/>	549	320.88	389.88	483.87	40.73
96	<input type="checkbox"/>	553	172.39	378.46	486.42	46.78
97	<input type="checkbox"/>	557	0.00	388.94	484.62	41.45
98	<input type="checkbox"/>	561	0.00	397.45	484.62	37.77
99	<input type="checkbox"/>	565	0.00	398.88	484.62	37.15
100	<input type="checkbox"/>	569	0.00	434.83	484.62	21.57
101	<input type="checkbox"/>	573	0.00	417.23	484.62	29.20
102	<input type="checkbox"/>	577	0.00	377.09	495.35	51.24
103	<input type="checkbox"/>	581	0.00	376.80	494.05	50.80
104	<input type="checkbox"/>	585	0.00	382.01	493.30	48.22
105	<input type="checkbox"/>	589	0.00	376.86	495.45	51.39
106	<input type="checkbox"/>	593	0.00	366.64	490.89	53.84
107	<input type="checkbox"/>	597	0.00	367.63	483.28	50.11
108	<input type="checkbox"/>	601	0.00	378.25	483.74	45.71
109	<input type="checkbox"/>	617	0.00	404.84	484.62	34.57
110	<input type="checkbox"/>	621	0.00	430.05	484.62	23.64
111	<input type="checkbox"/>	625	0.00	397.76	484.62	37.63
112	<input type="checkbox"/>	633	10.00	395.99	484.62	38.40
113	<input type="checkbox"/>	637	0.00	462.63	484.62	9.53
114	<input type="checkbox"/>	649	0.00	398.97	484.62	37.11
115	<input type="checkbox"/>	657	0.00	397.59	484.62	37.71
116	<input type="checkbox"/>	661	0.00	372.83	485.62	48.87

Phase 2 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.48	60.06
118	<input type="checkbox"/>	677	120.06	408.63	540.19	57.00
119	<input type="checkbox"/>	681	120.06	410.53	529.40	51.51
120	<input type="checkbox"/>	693	120.06	424.36	522.16	42.38
121	<input type="checkbox"/>	697	120.06	425.95	522.13	41.67
122	<input type="checkbox"/>	701	120.06	420.33	522.20	44.14
123	<input type="checkbox"/>	705	0.00	418.20	522.44	45.17
124	<input type="checkbox"/>	709	120.06	415.88	522.62	46.25
125	<input type="checkbox"/>	713	400.50	414.27	522.92	47.08
126	<input type="checkbox"/>	717	120.06	413.98	525.37	48.26
127	<input type="checkbox"/>	741	120.06	420.07	522.59	44.42
128	<input type="checkbox"/>	753	0.00	407.86	533.61	54.49
129	<input type="checkbox"/>	757	120.06	416.30	523.99	46.66
130	<input type="checkbox"/>	761	120.06	421.52	522.34	43.69

Phase 2 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	493.04	53.79
2	<input type="checkbox"/>	112	167.43	374.62	491.75	50.75
3	<input type="checkbox"/>	116	129.78	378.08	490.86	48.86
4	<input type="checkbox"/>	120	217.38	385.56	490.06	45.28
5	<input type="checkbox"/>	124	147.93	387.85	489.40	44.00
6	<input type="checkbox"/>	128	88.86	390.02	488.90	42.84
7	<input type="checkbox"/>	132	38.55	383.45	488.49	45.51
8	<input type="checkbox"/>	136	0.00	377.67	488.11	47.85
9	<input type="checkbox"/>	144	0.00	382.00	487.72	45.81
10	<input type="checkbox"/>	148	0.00	384.90	487.47	44.44
11	<input type="checkbox"/>	152	0.00	387.06	487.32	43.44
12	<input type="checkbox"/>	156	0.00	387.15	487.25	43.38
13	<input type="checkbox"/>	160	0.00	385.30	487.22	44.16
14	<input type="checkbox"/>	168	0.00	392.25	487.01	41.06
15	<input type="checkbox"/>	176	0.00	377.66	487.41	47.56
16	<input type="checkbox"/>	188	0.00	371.85	486.79	49.80
17	<input type="checkbox"/>	196	0.00	372.77	486.48	49.27
18	<input type="checkbox"/>	204	0.00	368.10	486.12	51.14
19	<input type="checkbox"/>	216	400.71	367.60	483.57	50.25
20	<input type="checkbox"/>	220	0.00	362.39	485.71	53.43
21	<input type="checkbox"/>	232	0.00	361.59	485.54	53.71
22	<input type="checkbox"/>	236	0.00	360.09	485.52	54.35
23	<input type="checkbox"/>	240	0.00	358.49	485.51	55.04
24	<input type="checkbox"/>	244	285.48	358.05	484.25	54.68
25	<input type="checkbox"/>	272	0.00	351.43	485.49	58.09
26	<input type="checkbox"/>	276	0.00	349.80	485.49	58.79
27	<input type="checkbox"/>	288	0.00	375.46	487.22	48.42
28	<input type="checkbox"/>	328	0.00	397.27	477.57	34.80
29	<input type="checkbox"/>	332	32.92	401.51	472.65	30.83

Phase 2 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	467.55	26.15
31	<input type="checkbox"/>	340	0.00	406.47	465.09	25.40
32	<input type="checkbox"/>	344	0.00	404.87	463.37	25.35
33	<input type="checkbox"/>	388	100.11	376.45	488.27	48.45
34	<input type="checkbox"/>	392	150.73	377.15	487.71	47.91
35	<input type="checkbox"/>	396	51.45	378.22	487.64	47.41
36	<input type="checkbox"/>	400	0.00	381.65	487.62	45.92
37	<input type="checkbox"/>	404	61.01	379.03	487.53	47.01
38	<input type="checkbox"/>	472	105.25	352.64	485.49	57.56
39	<input type="checkbox"/>	476	74.19	350.72	485.41	58.37
40	<input type="checkbox"/>	480	0.00	351.63	485.49	58.00
41	<input type="checkbox"/>	528	50.05	361.17	485.54	53.89
42	<input type="checkbox"/>	536	401.10	382.20	487.09	45.45
43	<input type="checkbox"/>	560	0.00	382.50	487.61	45.54
44	<input type="checkbox"/>	592	0.00	382.88	487.22	45.21
45	<input type="checkbox"/>	596	209.02	387.55	483.62	41.63
46	<input type="checkbox"/>	628	0.00	373.74	487.22	49.17
47	<input type="checkbox"/>	636	0.00	360.96	478.92	51.11
48	<input type="checkbox"/>	640	200.03	373.91	487.02	49.01
49	<input type="checkbox"/>	644	0.00	362.08	482.03	51.98
50	<input type="checkbox"/>	648	89.16	381.62	488.01	46.10
51	<input type="checkbox"/>	652	173.14	377.56	487.27	47.54
52	<input type="checkbox"/>	728	0.00	360.55	476.80	50.37
53	<input type="checkbox"/>	732	0.00	361.71	472.75	48.11
54	<input type="checkbox"/>	760	702.58	363.73	463.17	43.09
55	<input type="checkbox"/>	764	0.00	359.47	485.51	54.61
56	<input type="checkbox"/>	768	0.00	357.26	485.50	55.57
57	<input type="checkbox"/>	772	0.00	357.57	485.50	55.43
58	<input type="checkbox"/>	776	0.00	353.17	485.49	57.34

Phase 2 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	485.49	57.11
60	<input type="checkbox"/>	269	0.00	374.15	487.22	48.99
61	<input type="checkbox"/>	273	0.00	363.39	472.75	47.38
62	<input type="checkbox"/>	301	189.60	371.42	494.74	53.43
63	<input type="checkbox"/>	305	182.76	379.25	496.45	50.78
64	<input type="checkbox"/>	309	0.00	382.11	497.49	50.00
65	<input type="checkbox"/>	616	1,290.17	371.92	492.28	52.15
66	<input type="checkbox"/>	385	0.00	385.91	484.30	42.63
67	<input type="checkbox"/>	421	73.98	391.00	487.81	41.95
68	<input type="checkbox"/>	425	180.33	394.08	486.71	40.14
69	<input type="checkbox"/>	429	271.14	383.37	487.71	45.21
70	<input type="checkbox"/>	433	37.77	390.00	487.59	42.29
71	<input type="checkbox"/>	437	54.90	388.00	487.46	43.10
72	<input type="checkbox"/>	441	154.83	382.75	488.14	45.66
73	<input type="checkbox"/>	445	152.43	366.80	489.31	53.09
74	<input type="checkbox"/>	449	2.76	362.01	489.80	55.37
75	<input type="checkbox"/>	457	57.99	363.91	490.81	54.99
76	<input type="checkbox"/>	461	150.63	368.29	490.85	53.10
77	<input type="checkbox"/>	465	127.44	367.39	492.30	54.12
78	<input type="checkbox"/>	469	130.77	369.16	493.36	53.81
79	<input type="checkbox"/>	473	67.71	368.81	494.16	54.31
80	<input type="checkbox"/>	481	111.54	380.00	495.66	50.11
81	<input type="checkbox"/>	485	125.64	384.00	493.56	47.47
82	<input type="checkbox"/>	489	54.18	388.85	491.09	44.30
83	<input type="checkbox"/>	493	141.45	377.57	489.11	48.33
84	<input type="checkbox"/>	497	0.00	379.50	491.25	48.42
85	<input type="checkbox"/>	501	107.43	381.45	487.66	46.02
86	<input type="checkbox"/>	505	140.46	383.49	488.95	45.70
87	<input type="checkbox"/>	509	219.27	379.21	492.52	49.10

Phase 2 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	490.36	46.67
89	<input type="checkbox"/>	525	183.74	375.92	495.14	51.66
90	<input type="checkbox"/>	529	88.95	378.05	495.77	51.01
91	<input type="checkbox"/>	533	320.20	393.75	486.96	40.39
92	<input type="checkbox"/>	537	219.77	388.65	488.10	43.09
93	<input type="checkbox"/>	541	113.93	386.87	488.88	44.20
94	<input type="checkbox"/>	545	278.87	375.12	489.12	49.39
95	<input type="checkbox"/>	549	320.88	389.88	486.31	41.78
96	<input type="checkbox"/>	553	96.12	378.46	489.04	47.91
97	<input type="checkbox"/>	557	0.00	388.94	487.01	42.49
98	<input type="checkbox"/>	561	0.00	397.45	487.01	38.81
99	<input type="checkbox"/>	565	0.00	398.88	487.01	38.19
100	<input type="checkbox"/>	569	0.00	434.83	487.01	22.61
101	<input type="checkbox"/>	573	0.00	417.23	487.01	30.24
102	<input type="checkbox"/>	577	0.00	377.09	495.81	51.44
103	<input type="checkbox"/>	581	0.00	376.80	495.14	51.28
104	<input type="checkbox"/>	585	0.00	382.01	494.00	48.52
105	<input type="checkbox"/>	589	0.00	376.86	495.96	51.61
106	<input type="checkbox"/>	593	0.00	366.64	492.30	54.45
107	<input type="checkbox"/>	597	0.00	367.63	485.84	51.22
108	<input type="checkbox"/>	601	0.00	378.25	487.55	47.36
109	<input type="checkbox"/>	617	0.00	404.84	487.01	35.61
110	<input type="checkbox"/>	621	0.00	430.05	487.01	24.68
111	<input type="checkbox"/>	625	0.00	397.76	487.01	38.67
112	<input type="checkbox"/>	633	10.00	395.99	487.01	39.44
113	<input type="checkbox"/>	637	0.00	462.63	487.01	10.57
114	<input type="checkbox"/>	649	0.00	398.97	487.01	38.15
115	<input type="checkbox"/>	657	0.00	397.59	487.01	38.75
116	<input type="checkbox"/>	661	0.00	372.83	487.92	49.87

Phase 2 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.30	59.98
118	<input type="checkbox"/>	677	120.06	408.63	540.01	56.93
119	<input type="checkbox"/>	681	120.06	410.53	529.23	51.43
120	<input type="checkbox"/>	693	120.06	424.36	521.98	42.30
121	<input type="checkbox"/>	697	120.06	425.95	521.96	41.60
122	<input type="checkbox"/>	701	120.06	420.33	522.02	44.07
123	<input type="checkbox"/>	705	0.00	418.20	522.27	45.09
124	<input type="checkbox"/>	709	120.06	415.88	522.45	46.18
125	<input type="checkbox"/>	713	400.50	414.27	522.75	47.00
126	<input type="checkbox"/>	717	120.06	413.98	525.19	48.19
127	<input type="checkbox"/>	741	120.06	420.07	522.41	44.34
128	<input type="checkbox"/>	753	0.00	407.86	533.44	54.41
129	<input type="checkbox"/>	757	120.06	416.30	523.81	46.58
130	<input type="checkbox"/>	761	120.06	421.52	522.17	43.61

Phase 2 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	494.23	54.31
2	<input type="checkbox"/>	112	167.43	374.62	493.33	51.44
3	<input type="checkbox"/>	116	129.78	378.08	492.74	49.68
4	<input type="checkbox"/>	120	217.38	385.56	492.24	46.22
5	<input type="checkbox"/>	124	147.93	387.85	491.84	45.06
6	<input type="checkbox"/>	128	88.86	390.02	491.55	43.99
7	<input type="checkbox"/>	132	38.55	383.45	491.32	46.74
8	<input type="checkbox"/>	136	0.00	377.67	491.11	49.16
9	<input type="checkbox"/>	144	0.00	382.00	490.90	47.19
10	<input type="checkbox"/>	148	0.00	384.90	490.72	45.85
11	<input type="checkbox"/>	152	0.00	387.06	490.61	44.87
12	<input type="checkbox"/>	156	0.00	387.15	490.56	44.81
13	<input type="checkbox"/>	160	0.00	385.30	490.53	45.59
14	<input type="checkbox"/>	168	0.00	392.25	490.37	42.52
15	<input type="checkbox"/>	176	0.00	377.66	490.77	49.01
16	<input type="checkbox"/>	188	0.00	371.85	490.51	51.42
17	<input type="checkbox"/>	196	0.00	372.77	490.38	50.96
18	<input type="checkbox"/>	204	0.00	368.10	490.24	52.92
19	<input type="checkbox"/>	216	248.67	367.60	489.18	52.68
20	<input type="checkbox"/>	220	0.00	362.39	490.07	55.32
21	<input type="checkbox"/>	232	0.00	361.59	490.00	55.64
22	<input type="checkbox"/>	236	0.00	360.09	490.00	56.29
23	<input type="checkbox"/>	240	0.00	358.49	489.99	56.98
24	<input type="checkbox"/>	244	76.86	358.05	489.88	57.12
25	<input type="checkbox"/>	272	0.00	351.43	489.97	60.03
26	<input type="checkbox"/>	276	0.00	349.80	489.97	60.74
27	<input type="checkbox"/>	288	0.00	375.46	490.53	49.86
28	<input type="checkbox"/>	328	0.00	397.27	483.36	37.30
29	<input type="checkbox"/>	332	32.92	401.51	479.71	33.88

Phase 2 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	475.95	29.78
31	<input type="checkbox"/>	340	0.00	406.47	474.13	29.32
32	<input type="checkbox"/>	344	0.00	404.87	472.86	29.46
33	<input type="checkbox"/>	388	100.11	376.45	490.31	49.34
34	<input type="checkbox"/>	392	150.73	377.15	489.84	48.83
35	<input type="checkbox"/>	396	51.45	378.22	489.80	48.35
36	<input type="checkbox"/>	400	0.00	381.65	489.80	46.86
37	<input type="checkbox"/>	404	61.01	379.03	489.71	47.96
38	<input type="checkbox"/>	472	105.25	352.64	489.97	59.50
39	<input type="checkbox"/>	476	74.19	350.72	489.90	60.31
40	<input type="checkbox"/>	480	0.00	351.63	489.97	59.94
41	<input type="checkbox"/>	528	5.19	361.17	490.00	55.82
42	<input type="checkbox"/>	536	163.11	382.20	490.73	47.03
43	<input type="checkbox"/>	560	0.00	382.50	490.83	46.94
44	<input type="checkbox"/>	592	0.00	382.88	490.53	46.65
45	<input type="checkbox"/>	596	209.02	387.55	486.98	43.08
46	<input type="checkbox"/>	628	0.00	373.74	490.53	50.60
47	<input type="checkbox"/>	636	0.00	360.96	486.67	54.47
48	<input type="checkbox"/>	640	154.26	373.91	490.60	50.56
49	<input type="checkbox"/>	644	0.00	362.08	488.24	54.66
50	<input type="checkbox"/>	648	89.16	381.62	490.50	47.18
51	<input type="checkbox"/>	652	173.14	377.56	489.58	48.54
52	<input type="checkbox"/>	728	0.00	360.55	485.60	54.19
53	<input type="checkbox"/>	732	0.00	361.71	483.56	52.80
54	<input type="checkbox"/>	760	485.11	363.73	478.74	49.83
55	<input type="checkbox"/>	764	0.00	359.47	489.99	56.56
56	<input type="checkbox"/>	768	0.00	357.26	489.99	57.51
57	<input type="checkbox"/>	772	0.00	357.57	489.98	57.37
58	<input type="checkbox"/>	776	0.00	353.17	489.98	59.28

Phase 2 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	489.97	59.05
60	<input type="checkbox"/>	269	0.00	374.15	490.53	50.43
61	<input type="checkbox"/>	273	0.00	363.39	483.56	52.07
62	<input type="checkbox"/>	301	189.60	371.42	495.48	53.75
63	<input type="checkbox"/>	305	182.76	379.25	496.74	50.91
64	<input type="checkbox"/>	309	0.00	382.11	497.51	50.01
65	<input type="checkbox"/>	616	1,290.17	371.92	493.69	52.76
66	<input type="checkbox"/>	385	0.00	385.91	487.66	44.09
67	<input type="checkbox"/>	421	73.98	391.00	490.90	43.29
68	<input type="checkbox"/>	425	180.33	394.08	490.46	41.76
69	<input type="checkbox"/>	429	271.14	383.37	490.71	46.51
70	<input type="checkbox"/>	433	37.77	390.00	490.77	43.66
71	<input type="checkbox"/>	437	54.90	388.00	490.71	44.50
72	<input type="checkbox"/>	441	154.83	382.75	490.86	46.84
73	<input type="checkbox"/>	445	152.43	366.80	491.15	53.88
74	<input type="checkbox"/>	449	2.76	362.01	491.59	56.15
75	<input type="checkbox"/>	457	57.99	363.91	492.49	55.71
76	<input type="checkbox"/>	461	150.63	368.29	492.58	53.85
77	<input type="checkbox"/>	465	127.44	367.39	493.48	54.64
78	<input type="checkbox"/>	469	130.77	369.16	494.18	54.17
79	<input type="checkbox"/>	473	67.71	368.81	494.72	54.56
80	<input type="checkbox"/>	481	111.54	380.00	495.96	50.25
81	<input type="checkbox"/>	485	125.64	384.00	494.35	47.82
82	<input type="checkbox"/>	489	54.18	388.85	492.56	44.94
83	<input type="checkbox"/>	493	141.45	377.57	491.31	49.28
84	<input type="checkbox"/>	497	0.00	379.50	492.77	49.08
85	<input type="checkbox"/>	501	107.43	381.45	489.90	46.99
86	<input type="checkbox"/>	505	140.46	383.49	491.15	46.65
87	<input type="checkbox"/>	509	219.27	379.21	493.65	49.59

Phase 2 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	492.11	47.43
89	<input type="checkbox"/>	525	183.74	375.92	495.51	51.82
90	<input type="checkbox"/>	529	88.95	378.05	496.09	51.15
91	<input type="checkbox"/>	533	137.09	393.75	490.61	41.97
92	<input type="checkbox"/>	537	219.77	388.65	490.95	44.32
93	<input type="checkbox"/>	541	113.93	386.87	491.33	45.26
94	<input type="checkbox"/>	545	278.87	375.12	491.26	50.32
95	<input type="checkbox"/>	549	71.52	389.88	490.47	43.59
96	<input type="checkbox"/>	553	96.12	378.46	491.46	48.96
97	<input type="checkbox"/>	557	0.00	388.94	490.37	43.95
98	<input type="checkbox"/>	561	0.00	397.45	490.37	40.26
99	<input type="checkbox"/>	565	0.00	398.88	490.37	39.64
100	<input type="checkbox"/>	569	0.00	434.83	490.37	24.07
101	<input type="checkbox"/>	573	0.00	417.23	490.37	31.69
102	<input type="checkbox"/>	577	0.00	377.09	496.08	51.56
103	<input type="checkbox"/>	581	0.00	376.80	495.51	51.44
104	<input type="checkbox"/>	585	0.00	382.01	494.77	48.86
105	<input type="checkbox"/>	589	0.00	376.86	496.21	51.72
106	<input type="checkbox"/>	593	0.00	366.64	493.51	54.97
107	<input type="checkbox"/>	597	0.00	367.63	490.12	53.08
108	<input type="checkbox"/>	601	0.00	378.25	489.85	48.36
109	<input type="checkbox"/>	617	0.00	404.84	490.37	37.06
110	<input type="checkbox"/>	621	0.00	430.05	490.37	26.14
111	<input type="checkbox"/>	625	0.00	397.76	490.37	40.13
112	<input type="checkbox"/>	633	10.00	395.99	490.37	40.89
113	<input type="checkbox"/>	637	0.00	462.63	490.37	12.02
114	<input type="checkbox"/>	649	0.00	398.97	490.37	39.61
115	<input type="checkbox"/>	657	0.00	397.59	490.37	40.21
116	<input type="checkbox"/>	661	0.00	372.83	491.01	51.21

Phase 2 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.41	60.03
118	<input type="checkbox"/>	677	120.06	408.63	540.98	57.35
119	<input type="checkbox"/>	681	120.06	410.53	533.26	53.18
120	<input type="checkbox"/>	693	120.06	424.36	527.89	44.86
121	<input type="checkbox"/>	697	120.06	425.95	527.89	44.17
122	<input type="checkbox"/>	701	120.06	420.33	528.09	46.69
123	<input type="checkbox"/>	705	0.00	418.20	528.46	47.78
124	<input type="checkbox"/>	709	120.06	415.88	528.73	48.90
125	<input type="checkbox"/>	713	156.51	414.27	529.13	49.77
126	<input type="checkbox"/>	717	120.06	413.98	530.46	50.47
127	<input type="checkbox"/>	741	120.06	420.07	528.18	46.84
128	<input type="checkbox"/>	753	0.00	407.86	536.27	55.64
129	<input type="checkbox"/>	757	120.06	416.30	529.30	48.96
130	<input type="checkbox"/>	761	120.06	421.52	528.00	46.14

Phase 2 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	494.76	54.54
2	<input type="checkbox"/>	112	167.43	374.62	494.02	51.74
3	<input type="checkbox"/>	116	129.78	378.08	493.57	50.04
4	<input type="checkbox"/>	120	217.38	385.56	493.19	46.64
5	<input type="checkbox"/>	124	147.93	387.85	492.90	45.52
6	<input type="checkbox"/>	128	88.86	390.02	492.70	44.49
7	<input type="checkbox"/>	132	38.55	383.45	492.56	47.28
8	<input type="checkbox"/>	136	0.00	377.67	492.43	49.73
9	<input type="checkbox"/>	144	0.00	382.00	492.30	47.79
10	<input type="checkbox"/>	148	0.00	384.90	492.23	46.50
11	<input type="checkbox"/>	152	0.00	387.06	492.18	45.55
12	<input type="checkbox"/>	156	0.00	387.15	492.16	45.50
13	<input type="checkbox"/>	160	0.00	385.30	492.15	46.30
14	<input type="checkbox"/>	168	0.00	392.25	492.09	43.26
15	<input type="checkbox"/>	176	0.00	377.66	492.17	49.62
16	<input type="checkbox"/>	188	0.00	371.85	491.92	52.03
17	<input type="checkbox"/>	196	0.00	372.77	491.80	51.58
18	<input type="checkbox"/>	204	0.00	368.10	491.66	53.54
19	<input type="checkbox"/>	216	248.67	367.60	490.61	53.30
20	<input type="checkbox"/>	220	0.00	362.39	491.50	55.94
21	<input type="checkbox"/>	232	0.00	361.59	491.43	56.26
22	<input type="checkbox"/>	236	0.00	360.09	491.43	56.91
23	<input type="checkbox"/>	240	0.00	358.49	491.43	57.60
24	<input type="checkbox"/>	244	76.86	358.05	491.31	57.74
25	<input type="checkbox"/>	272	0.00	351.43	491.41	60.65
26	<input type="checkbox"/>	276	0.00	349.80	491.41	61.36
27	<input type="checkbox"/>	288	0.00	375.46	492.15	50.56
28	<input type="checkbox"/>	328	0.00	397.27	489.89	40.13
29	<input type="checkbox"/>	332	32.92	401.51	488.74	37.80

Phase 2 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	487.60	34.83
31	<input type="checkbox"/>	340	0.00	406.47	487.05	34.92
32	<input type="checkbox"/>	344	0.00	404.87	486.67	35.44
33	<input type="checkbox"/>	388	100.11	376.45	491.37	49.79
34	<input type="checkbox"/>	392	150.73	377.15	490.99	49.33
35	<input type="checkbox"/>	396	37.47	378.22	490.98	48.86
36	<input type="checkbox"/>	400	0.00	381.65	490.98	47.37
37	<input type="checkbox"/>	404	44.43	379.03	490.93	48.48
38	<input type="checkbox"/>	472	105.25	352.64	491.41	60.13
39	<input type="checkbox"/>	476	54.03	350.72	491.37	60.94
40	<input type="checkbox"/>	480	0.00	351.63	491.41	60.57
41	<input type="checkbox"/>	528	5.19	361.17	491.43	56.44
42	<input type="checkbox"/>	536	163.11	382.20	492.17	47.65
43	<input type="checkbox"/>	560	0.00	382.50	492.27	47.56
44	<input type="checkbox"/>	592	0.00	382.88	492.15	47.35
45	<input type="checkbox"/>	596	209.02	387.55	488.70	43.83
46	<input type="checkbox"/>	628	0.00	373.74	492.15	51.31
47	<input type="checkbox"/>	636	0.00	360.96	488.10	55.09
48	<input type="checkbox"/>	640	154.26	373.91	492.01	51.17
49	<input type="checkbox"/>	644	0.00	362.08	489.67	55.28
50	<input type="checkbox"/>	648	89.16	381.62	491.69	47.70
51	<input type="checkbox"/>	652	173.14	377.56	490.75	49.04
52	<input type="checkbox"/>	728	0.00	360.55	487.03	54.81
53	<input type="checkbox"/>	732	0.00	361.71	484.99	53.42
54	<input type="checkbox"/>	760	485.11	363.73	480.17	50.45
55	<input type="checkbox"/>	764	0.00	359.47	491.42	57.18
56	<input type="checkbox"/>	768	0.00	357.26	491.42	58.13
57	<input type="checkbox"/>	772	0.00	357.57	491.42	58.00
58	<input type="checkbox"/>	776	0.00	353.17	491.41	59.90

Phase 2 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	491.41	59.68
60	<input type="checkbox"/>	269	0.00	374.15	492.15	51.13
61	<input type="checkbox"/>	273	0.00	363.39	484.99	52.69
62	<input type="checkbox"/>	301	189.60	371.42	495.80	53.89
63	<input type="checkbox"/>	305	182.76	379.25	496.87	50.96
64	<input type="checkbox"/>	309	0.00	382.11	497.53	50.01
65	<input type="checkbox"/>	616	1,290.17	371.92	494.31	53.03
66	<input type="checkbox"/>	385	0.00	385.91	489.38	44.83
67	<input type="checkbox"/>	421	73.98	391.00	491.90	43.72
68	<input type="checkbox"/>	425	180.33	394.08	491.42	42.18
69	<input type="checkbox"/>	429	271.14	383.37	491.61	46.90
70	<input type="checkbox"/>	433	37.77	390.00	491.69	44.06
71	<input type="checkbox"/>	437	54.90	388.00	491.58	44.88
72	<input type="checkbox"/>	441	154.83	382.75	491.66	47.19
73	<input type="checkbox"/>	445	152.43	366.80	492.02	54.26
74	<input type="checkbox"/>	449	2.76	362.01	492.41	56.50
75	<input type="checkbox"/>	457	57.99	363.91	493.22	56.03
76	<input type="checkbox"/>	461	150.63	368.29	493.33	54.18
77	<input type="checkbox"/>	465	127.44	367.39	493.99	54.86
78	<input type="checkbox"/>	469	130.77	369.16	494.55	54.33
79	<input type="checkbox"/>	473	67.71	368.81	495.01	54.68
80	<input type="checkbox"/>	481	111.54	380.00	496.08	50.30
81	<input type="checkbox"/>	485	125.64	384.00	494.62	47.93
82	<input type="checkbox"/>	489	54.18	388.85	493.04	45.14
83	<input type="checkbox"/>	493	141.45	377.57	492.01	49.59
84	<input type="checkbox"/>	497	0.00	379.50	493.26	49.29
85	<input type="checkbox"/>	501	107.43	381.45	491.06	47.49
86	<input type="checkbox"/>	505	140.46	383.49	491.84	46.95
87	<input type="checkbox"/>	509	219.27	379.21	494.02	49.75

Phase 2 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	492.67	47.67
89	<input type="checkbox"/>	525	183.74	375.92	495.72	51.91
90	<input type="checkbox"/>	529	64.78	378.05	496.31	51.24
91	<input type="checkbox"/>	533	137.09	393.75	491.47	42.34
92	<input type="checkbox"/>	537	219.77	388.65	491.97	44.77
93	<input type="checkbox"/>	541	82.97	386.87	492.51	45.77
94	<input type="checkbox"/>	545	278.87	375.12	491.96	50.62
95	<input type="checkbox"/>	549	71.52	389.88	491.42	44.00
96	<input type="checkbox"/>	553	70.00	378.46	492.42	49.38
97	<input type="checkbox"/>	557	0.00	388.94	492.09	44.69
98	<input type="checkbox"/>	561	0.00	397.45	492.09	41.01
99	<input type="checkbox"/>	565	0.00	398.88	492.09	40.39
100	<input type="checkbox"/>	569	0.00	434.83	492.09	24.81
101	<input type="checkbox"/>	573	0.00	417.23	492.09	32.44
102	<input type="checkbox"/>	577	0.00	377.09	496.21	51.61
103	<input type="checkbox"/>	581	0.00	376.80	495.72	51.53
104	<input type="checkbox"/>	585	0.00	382.01	495.03	48.97
105	<input type="checkbox"/>	589	0.00	376.86	496.33	51.77
106	<input type="checkbox"/>	593	0.00	366.64	494.05	55.21
107	<input type="checkbox"/>	597	0.00	367.63	491.55	53.69
108	<input type="checkbox"/>	601	0.00	378.25	491.02	48.86
109	<input type="checkbox"/>	617	0.00	404.84	492.09	37.81
110	<input type="checkbox"/>	621	0.00	430.05	492.09	26.88
111	<input type="checkbox"/>	625	0.00	397.76	492.09	40.87
112	<input type="checkbox"/>	633	10.00	395.99	492.09	41.64
113	<input type="checkbox"/>	637	0.00	462.63	492.09	12.77
114	<input type="checkbox"/>	649	0.00	398.97	492.09	40.35
115	<input type="checkbox"/>	657	0.00	397.59	492.09	40.95
116	<input type="checkbox"/>	661	0.00	372.83	492.37	51.79

Phase 2 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.43	60.03
118	<input type="checkbox"/>	677	55.01	408.63	542.70	58.09
119	<input type="checkbox"/>	681	55.01	410.53	540.35	56.25
120	<input type="checkbox"/>	693	55.01	424.36	538.75	49.57
121	<input type="checkbox"/>	697	55.01	425.95	538.75	48.88
122	<input type="checkbox"/>	701	55.01	420.33	538.77	51.32
123	<input type="checkbox"/>	705	0.00	418.20	538.84	52.27
124	<input type="checkbox"/>	709	55.01	415.88	538.89	53.30
125	<input type="checkbox"/>	713	156.51	414.27	538.96	54.03
126	<input type="checkbox"/>	717	55.01	413.98	539.47	54.37
127	<input type="checkbox"/>	741	55.01	420.07	538.85	51.46
128	<input type="checkbox"/>	753	0.00	407.86	541.27	57.80
129	<input type="checkbox"/>	757	55.01	416.30	539.16	53.23
130	<input type="checkbox"/>	761	55.01	421.52	538.79	50.81

Phase 2 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	497.02	55.52
2	<input type="checkbox"/>	112	167.43	374.62	496.89	52.98
3	<input type="checkbox"/>	116	129.78	378.08	496.81	51.44
4	<input type="checkbox"/>	120	217.38	385.56	496.75	48.18
5	<input type="checkbox"/>	124	147.93	387.85	496.72	47.18
6	<input type="checkbox"/>	128	88.86	390.02	496.71	46.23
7	<input type="checkbox"/>	132	38.55	383.45	496.71	49.07
8	<input type="checkbox"/>	136	0.00	377.67	496.70	51.58
9	<input type="checkbox"/>	144	0.00	382.00	496.70	49.70
10	<input type="checkbox"/>	148	0.00	384.90	496.70	48.44
11	<input type="checkbox"/>	152	0.00	387.06	496.70	47.51
12	<input type="checkbox"/>	156	0.00	387.15	496.70	47.47
13	<input type="checkbox"/>	160	0.00	385.30	496.70	48.27
14	<input type="checkbox"/>	168	0.00	392.25	496.70	45.26
15	<input type="checkbox"/>	176	0.00	377.66	496.70	51.58
16	<input type="checkbox"/>	188	0.00	371.85	496.70	54.10
17	<input type="checkbox"/>	196	0.00	372.77	496.70	53.70
18	<input type="checkbox"/>	204	0.00	368.10	496.70	55.72
19	<input type="checkbox"/>	216	0.00	367.60	496.70	55.94
20	<input type="checkbox"/>	220	0.00	362.39	496.70	58.20
21	<input type="checkbox"/>	232	0.00	361.59	496.70	58.54
22	<input type="checkbox"/>	236	0.00	360.09	496.70	59.19
23	<input type="checkbox"/>	240	0.00	358.49	496.70	59.89
24	<input type="checkbox"/>	244	0.00	358.05	496.70	60.08
25	<input type="checkbox"/>	272	0.00	351.43	496.70	62.95
26	<input type="checkbox"/>	276	0.00	349.80	496.70	63.65
27	<input type="checkbox"/>	288	0.00	375.46	496.70	52.53
28	<input type="checkbox"/>	328	0.00	397.27	496.70	43.08
29	<input type="checkbox"/>	332	0.00	401.51	496.70	41.25

Phase 2 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	496.70	38.78
31	<input type="checkbox"/>	340	0.00	406.47	496.70	39.10
32	<input type="checkbox"/>	344	0.00	404.87	496.70	39.79
33	<input type="checkbox"/>	388	100.11	376.45	496.11	51.85
34	<input type="checkbox"/>	392	0.00	377.15	496.12	51.55
35	<input type="checkbox"/>	396	0.00	378.22	496.14	51.09
36	<input type="checkbox"/>	400	0.00	381.65	496.15	49.61
37	<input type="checkbox"/>	404	0.00	379.03	496.15	50.75
38	<input type="checkbox"/>	472	0.00	352.64	496.70	62.42
39	<input type="checkbox"/>	476	0.00	350.72	496.70	63.26
40	<input type="checkbox"/>	480	0.00	351.63	496.70	62.86
41	<input type="checkbox"/>	528	0.00	361.17	496.70	58.73
42	<input type="checkbox"/>	536	163.11	382.20	496.60	49.57
43	<input type="checkbox"/>	560	0.00	382.50	496.70	49.48
44	<input type="checkbox"/>	592	0.00	382.88	496.70	49.32
45	<input type="checkbox"/>	596	0.00	387.55	496.70	47.30
46	<input type="checkbox"/>	628	0.00	373.74	496.70	53.28
47	<input type="checkbox"/>	636	0.00	360.96	496.70	58.82
48	<input type="checkbox"/>	640	0.00	373.91	496.70	53.21
49	<input type="checkbox"/>	644	0.00	362.08	496.70	58.33
50	<input type="checkbox"/>	648	89.16	381.62	496.37	49.72
51	<input type="checkbox"/>	652	0.00	377.56	496.28	51.44
52	<input type="checkbox"/>	728	0.00	360.55	496.70	59.00
53	<input type="checkbox"/>	732	0.00	361.71	496.70	58.49
54	<input type="checkbox"/>	760	0.00	363.73	496.70	57.62
55	<input type="checkbox"/>	764	0.00	359.47	496.70	59.47
56	<input type="checkbox"/>	768	0.00	357.26	496.70	60.42
57	<input type="checkbox"/>	772	0.00	357.57	496.70	60.29
58	<input type="checkbox"/>	776	0.00	353.17	496.70	62.19

Phase 2 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	496.70	61.97
60	<input type="checkbox"/>	269	0.00	374.15	496.70	53.10
61	<input type="checkbox"/>	273	0.00	363.39	496.70	57.76
62	<input type="checkbox"/>	301	189.60	371.42	497.20	54.50
63	<input type="checkbox"/>	305	182.76	379.25	497.41	51.20
64	<input type="checkbox"/>	309	0.00	382.11	497.55	50.02
65	<input type="checkbox"/>	616	0.00	371.92	496.96	54.18
66	<input type="checkbox"/>	385	0.00	385.91	496.70	48.01
67	<input type="checkbox"/>	421	73.98	391.00	495.96	45.48
68	<input type="checkbox"/>	425	180.33	394.08	495.63	44.00
69	<input type="checkbox"/>	429	271.14	383.37	495.61	48.64
70	<input type="checkbox"/>	433	37.77	390.00	495.74	45.82
71	<input type="checkbox"/>	437	54.90	388.00	495.62	46.63
72	<input type="checkbox"/>	441	154.83	382.75	495.59	48.89
73	<input type="checkbox"/>	445	152.43	366.80	496.03	56.00
74	<input type="checkbox"/>	449	2.76	362.01	496.11	58.11
75	<input type="checkbox"/>	457	57.99	363.91	496.29	57.36
76	<input type="checkbox"/>	461	150.63	368.29	496.41	55.52
77	<input type="checkbox"/>	465	127.44	367.39	496.20	55.81
78	<input type="checkbox"/>	469	130.77	369.16	496.33	55.10
79	<input type="checkbox"/>	473	67.71	368.81	496.59	55.37
80	<input type="checkbox"/>	481	111.54	380.00	496.82	50.62
81	<input type="checkbox"/>	485	125.64	384.00	496.14	48.59
82	<input type="checkbox"/>	489	54.18	388.85	495.65	46.28
83	<input type="checkbox"/>	493	141.45	377.57	495.73	51.20
84	<input type="checkbox"/>	497	0.00	379.50	495.93	50.45
85	<input type="checkbox"/>	501	107.43	381.45	496.19	49.72
86	<input type="checkbox"/>	505	140.46	383.49	495.41	48.50
87	<input type="checkbox"/>	509	219.27	379.21	496.09	50.64

Phase 2 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	495.62	48.95
89	<input type="checkbox"/>	525	0.00	375.92	497.19	52.54
90	<input type="checkbox"/>	529	0.00	378.05	497.33	51.68
91	<input type="checkbox"/>	533	0.00	393.75	495.62	44.14
92	<input type="checkbox"/>	537	0.00	388.65	496.55	46.75
93	<input type="checkbox"/>	541	0.00	386.87	496.67	47.58
94	<input type="checkbox"/>	545	0.00	375.12	496.25	52.48
95	<input type="checkbox"/>	549	0.00	389.88	495.62	45.82
96	<input type="checkbox"/>	553	0.00	378.46	496.25	51.04
97	<input type="checkbox"/>	557	0.00	388.94	496.70	46.69
98	<input type="checkbox"/>	561	0.00	397.45	496.70	43.01
99	<input type="checkbox"/>	565	0.00	398.88	496.70	42.39
100	<input type="checkbox"/>	569	0.00	434.83	496.70	26.81
101	<input type="checkbox"/>	573	0.00	417.23	496.70	34.44
102	<input type="checkbox"/>	577	0.00	377.09	496.99	51.95
103	<input type="checkbox"/>	581	0.00	376.80	497.11	52.13
104	<input type="checkbox"/>	585	0.00	382.01	496.46	49.59
105	<input type="checkbox"/>	589	0.00	376.86	497.16	52.13
106	<input type="checkbox"/>	593	0.00	366.64	496.46	56.25
107	<input type="checkbox"/>	597	0.00	367.63	496.70	55.93
108	<input type="checkbox"/>	601	0.00	378.25	496.28	51.14
109	<input type="checkbox"/>	617	0.00	404.84	496.70	39.80
110	<input type="checkbox"/>	621	0.00	430.05	496.70	28.88
111	<input type="checkbox"/>	625	0.00	397.76	496.70	42.87
112	<input type="checkbox"/>	633	10.00	395.99	496.70	43.64
113	<input type="checkbox"/>	637	0.00	462.63	496.70	14.76
114	<input type="checkbox"/>	649	0.00	398.97	496.70	42.35
115	<input type="checkbox"/>	657	0.00	397.59	496.70	42.95
116	<input type="checkbox"/>	661	0.00	372.83	496.70	53.67

Phase 2 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.40	60.02
118	<input type="checkbox"/>	677	0.00	408.63	543.40	58.40
119	<input type="checkbox"/>	681	0.00	410.53	543.40	57.57
120	<input type="checkbox"/>	693	0.00	424.36	543.40	51.58
121	<input type="checkbox"/>	697	0.00	425.95	543.40	50.89
122	<input type="checkbox"/>	701	0.00	420.33	543.40	53.33
123	<input type="checkbox"/>	705	0.00	418.20	543.40	54.25
124	<input type="checkbox"/>	709	0.00	415.88	543.40	55.26
125	<input type="checkbox"/>	713	0.00	414.27	543.40	55.95
126	<input type="checkbox"/>	717	0.00	413.98	543.40	56.08
127	<input type="checkbox"/>	741	0.00	420.07	543.40	53.44
128	<input type="checkbox"/>	753	0.00	407.86	543.40	58.73
129	<input type="checkbox"/>	757	0.00	416.30	543.40	55.07
130	<input type="checkbox"/>	761	0.00	421.52	543.40	52.81

Phase 2 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	497.02	55.52
2	<input type="checkbox"/>	112	167.43	374.62	496.89	52.98
3	<input type="checkbox"/>	116	129.78	378.08	496.81	51.44
4	<input type="checkbox"/>	120	217.38	385.56	496.75	48.18
5	<input type="checkbox"/>	124	147.93	387.85	496.72	47.18
6	<input type="checkbox"/>	128	88.86	390.02	496.71	46.23
7	<input type="checkbox"/>	132	38.55	383.45	496.71	49.07
8	<input type="checkbox"/>	136	0.00	377.67	496.70	51.58
9	<input type="checkbox"/>	144	0.00	382.00	496.70	49.70
10	<input type="checkbox"/>	148	0.00	384.90	496.70	48.44
11	<input type="checkbox"/>	152	0.00	387.06	496.70	47.51
12	<input type="checkbox"/>	156	0.00	387.15	496.70	47.47
13	<input type="checkbox"/>	160	0.00	385.30	496.70	48.27
14	<input type="checkbox"/>	168	0.00	392.25	496.70	45.26
15	<input type="checkbox"/>	176	0.00	377.66	496.70	51.58
16	<input type="checkbox"/>	188	0.00	371.85	496.70	54.10
17	<input type="checkbox"/>	196	0.00	372.77	496.70	53.70
18	<input type="checkbox"/>	204	0.00	368.10	496.70	55.72
19	<input type="checkbox"/>	216	0.00	367.60	496.70	55.94
20	<input type="checkbox"/>	220	0.00	362.39	496.70	58.20
21	<input type="checkbox"/>	232	0.00	361.59	496.70	58.54
22	<input type="checkbox"/>	236	0.00	360.09	496.70	59.19
23	<input type="checkbox"/>	240	0.00	358.49	496.70	59.89
24	<input type="checkbox"/>	244	0.00	358.05	496.70	60.08
25	<input type="checkbox"/>	272	0.00	351.43	496.70	62.95
26	<input type="checkbox"/>	276	0.00	349.80	496.70	63.65
27	<input type="checkbox"/>	288	0.00	375.46	496.70	52.53
28	<input type="checkbox"/>	328	0.00	397.27	496.70	43.08
29	<input type="checkbox"/>	332	0.00	401.51	496.70	41.25

Phase 2 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	496.70	38.78
31	<input type="checkbox"/>	340	0.00	406.47	496.70	39.10
32	<input type="checkbox"/>	344	0.00	404.87	496.70	39.79
33	<input type="checkbox"/>	388	100.11	376.45	496.11	51.85
34	<input type="checkbox"/>	392	0.00	377.15	496.12	51.55
35	<input type="checkbox"/>	396	0.00	378.22	496.14	51.09
36	<input type="checkbox"/>	400	0.00	381.65	496.15	49.61
37	<input type="checkbox"/>	404	0.00	379.03	496.15	50.75
38	<input type="checkbox"/>	472	0.00	352.64	496.70	62.42
39	<input type="checkbox"/>	476	0.00	350.72	496.70	63.26
40	<input type="checkbox"/>	480	0.00	351.63	496.70	62.86
41	<input type="checkbox"/>	528	0.00	361.17	496.70	58.73
42	<input type="checkbox"/>	536	163.11	382.20	496.60	49.57
43	<input type="checkbox"/>	560	0.00	382.50	496.70	49.48
44	<input type="checkbox"/>	592	0.00	382.88	496.70	49.32
45	<input type="checkbox"/>	596	0.00	387.55	496.70	47.30
46	<input type="checkbox"/>	628	0.00	373.74	496.70	53.28
47	<input type="checkbox"/>	636	0.00	360.96	496.70	58.82
48	<input type="checkbox"/>	640	0.00	373.91	496.70	53.21
49	<input type="checkbox"/>	644	0.00	362.08	496.70	58.33
50	<input type="checkbox"/>	648	89.16	381.62	496.37	49.72
51	<input type="checkbox"/>	652	0.00	377.56	496.28	51.44
52	<input type="checkbox"/>	728	0.00	360.55	496.70	59.00
53	<input type="checkbox"/>	732	0.00	361.71	496.70	58.49
54	<input type="checkbox"/>	760	0.00	363.73	496.70	57.62
55	<input type="checkbox"/>	764	0.00	359.47	496.70	59.47
56	<input type="checkbox"/>	768	0.00	357.26	496.70	60.42
57	<input type="checkbox"/>	772	0.00	357.57	496.70	60.29
58	<input type="checkbox"/>	776	0.00	353.17	496.70	62.19

Phase 2 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	496.70	61.97
60	<input type="checkbox"/>	269	0.00	374.15	496.70	53.10
61	<input type="checkbox"/>	273	0.00	363.39	496.70	57.76
62	<input type="checkbox"/>	301	189.60	371.42	497.20	54.50
63	<input type="checkbox"/>	305	182.76	379.25	497.41	51.20
64	<input type="checkbox"/>	309	0.00	382.11	497.55	50.02
65	<input type="checkbox"/>	616	0.00	371.92	496.96	54.18
66	<input type="checkbox"/>	385	0.00	385.91	496.70	48.01
67	<input type="checkbox"/>	421	73.98	391.00	495.96	45.48
68	<input type="checkbox"/>	425	180.33	394.08	495.63	44.00
69	<input type="checkbox"/>	429	271.14	383.37	495.61	48.64
70	<input type="checkbox"/>	433	37.77	390.00	495.74	45.82
71	<input type="checkbox"/>	437	54.90	388.00	495.62	46.63
72	<input type="checkbox"/>	441	154.83	382.75	495.59	48.89
73	<input type="checkbox"/>	445	152.43	366.80	496.03	56.00
74	<input type="checkbox"/>	449	2.76	362.01	496.11	58.11
75	<input type="checkbox"/>	457	57.99	363.91	496.29	57.36
76	<input type="checkbox"/>	461	150.63	368.29	496.41	55.52
77	<input type="checkbox"/>	465	127.44	367.39	496.20	55.81
78	<input type="checkbox"/>	469	130.77	369.16	496.33	55.10
79	<input type="checkbox"/>	473	67.71	368.81	496.59	55.37
80	<input type="checkbox"/>	481	111.54	380.00	496.82	50.62
81	<input type="checkbox"/>	485	125.64	384.00	496.14	48.59
82	<input type="checkbox"/>	489	54.18	388.85	495.65	46.28
83	<input type="checkbox"/>	493	141.45	377.57	495.73	51.20
84	<input type="checkbox"/>	497	0.00	379.50	495.93	50.45
85	<input type="checkbox"/>	501	107.43	381.45	496.19	49.72
86	<input type="checkbox"/>	505	140.46	383.49	495.41	48.50
87	<input type="checkbox"/>	509	219.27	379.21	496.09	50.64

Phase 2 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	495.62	48.95
89	<input type="checkbox"/>	525	0.00	375.92	497.19	52.54
90	<input type="checkbox"/>	529	0.00	378.05	497.33	51.68
91	<input type="checkbox"/>	533	0.00	393.75	495.62	44.14
92	<input type="checkbox"/>	537	0.00	388.65	496.55	46.75
93	<input type="checkbox"/>	541	0.00	386.87	496.67	47.58
94	<input type="checkbox"/>	545	0.00	375.12	496.25	52.48
95	<input type="checkbox"/>	549	0.00	389.88	495.62	45.82
96	<input type="checkbox"/>	553	0.00	378.46	496.25	51.04
97	<input type="checkbox"/>	557	0.00	388.94	496.70	46.69
98	<input type="checkbox"/>	561	0.00	397.45	496.70	43.01
99	<input type="checkbox"/>	565	0.00	398.88	496.70	42.39
100	<input type="checkbox"/>	569	0.00	434.83	496.70	26.81
101	<input type="checkbox"/>	573	0.00	417.23	496.70	34.44
102	<input type="checkbox"/>	577	0.00	377.09	496.99	51.95
103	<input type="checkbox"/>	581	0.00	376.80	497.11	52.13
104	<input type="checkbox"/>	585	0.00	382.01	496.46	49.59
105	<input type="checkbox"/>	589	0.00	376.86	497.16	52.13
106	<input type="checkbox"/>	593	0.00	366.64	496.46	56.25
107	<input type="checkbox"/>	597	0.00	367.63	496.70	55.93
108	<input type="checkbox"/>	601	0.00	378.25	496.28	51.14
109	<input type="checkbox"/>	617	0.00	404.84	496.70	39.80
110	<input type="checkbox"/>	621	0.00	430.05	496.70	28.88
111	<input type="checkbox"/>	625	0.00	397.76	496.70	42.87
112	<input type="checkbox"/>	633	10.00	395.99	496.70	43.64
113	<input type="checkbox"/>	637	0.00	462.63	496.70	14.76
114	<input type="checkbox"/>	649	0.00	398.97	496.70	42.35
115	<input type="checkbox"/>	657	0.00	397.59	496.70	42.95
116	<input type="checkbox"/>	661	0.00	372.83	496.70	53.67

Phase 2 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.40	60.02
118	<input type="checkbox"/>	677	0.00	408.63	543.40	58.40
119	<input type="checkbox"/>	681	0.00	410.53	543.40	57.57
120	<input type="checkbox"/>	693	0.00	424.36	543.40	51.58
121	<input type="checkbox"/>	697	0.00	425.95	543.40	50.89
122	<input type="checkbox"/>	701	0.00	420.33	543.40	53.33
123	<input type="checkbox"/>	705	0.00	418.20	543.40	54.25
124	<input type="checkbox"/>	709	0.00	415.88	543.40	55.26
125	<input type="checkbox"/>	713	0.00	414.27	543.40	55.95
126	<input type="checkbox"/>	717	0.00	413.98	543.40	56.08
127	<input type="checkbox"/>	741	0.00	420.07	543.40	53.44
128	<input type="checkbox"/>	753	0.00	407.86	543.40	58.73
129	<input type="checkbox"/>	757	0.00	416.30	543.40	55.07
130	<input type="checkbox"/>	761	0.00	421.52	543.40	52.81

Phase 2 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
28	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
29	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59

Phase 2 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
31	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
32	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
33	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
34	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
35	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
36	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
37	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
38	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
39	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
40	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
41	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
42	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
43	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
44	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
45	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
46	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
47	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
48	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
49	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
50	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
51	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
52	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
53	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
54	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
55	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
56	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77
57	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
58	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54

Phase 2 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
60	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
61	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
62	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
66	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
67	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
68	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
69	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
70	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
71	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
72	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
73	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
74	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
75	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
76	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
77	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
78	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
79	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
81	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
82	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
83	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
84	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
85	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
86	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
87	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26

Phase 2 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
89	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
91	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
92	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
93	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
94	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
95	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
96	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
97	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
98	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
99	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
100	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
101	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
102	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
103	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
105	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
106	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
107	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
108	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
109	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
110	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
111	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
112	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
113	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
114	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
115	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
116	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02

Phase 2 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
119	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
125	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 2 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.00	55.50
2	<input type="checkbox"/>	112	0.00	374.62	496.78	52.93
3	<input type="checkbox"/>	116	0.00	378.08	496.59	51.35
4	<input type="checkbox"/>	120	0.00	385.56	496.38	48.02
5	<input type="checkbox"/>	124	0.00	387.85	496.18	46.94
6	<input type="checkbox"/>	128	0.00	390.02	495.97	45.91
7	<input type="checkbox"/>	132	0.00	383.45	495.76	48.66
8	<input type="checkbox"/>	136	0.00	377.67	495.53	51.07
9	<input type="checkbox"/>	144	0.00	382.00	495.30	49.10
10	<input type="checkbox"/>	148	0.00	384.90	495.14	47.76
11	<input type="checkbox"/>	152	575.40	387.06	495.03	46.78
12	<input type="checkbox"/>	156	574.40	387.15	495.01	46.74
13	<input type="checkbox"/>	160	0.00	385.30	495.01	47.53
14	<input type="checkbox"/>	168	0.00	392.25	495.01	44.53
15	<input type="checkbox"/>	176	0.00	377.66	495.09	50.88
16	<input type="checkbox"/>	188	0.00	371.85	494.63	53.20
17	<input type="checkbox"/>	196	0.00	372.77	494.36	52.69
18	<input type="checkbox"/>	204	0.00	368.10	494.06	54.58
19	<input type="checkbox"/>	216	0.00	367.60	493.82	54.69
20	<input type="checkbox"/>	220	0.00	362.39	493.63	56.87
21	<input type="checkbox"/>	232	0.00	361.59	493.40	57.11
22	<input type="checkbox"/>	236	0.00	360.09	493.30	57.72
23	<input type="checkbox"/>	240	0.00	358.49	493.27	58.40
24	<input type="checkbox"/>	244	0.00	358.05	493.27	58.59
25	<input type="checkbox"/>	272	216.20	351.43	488.97	59.60
26	<input type="checkbox"/>	276	530.40	349.80	492.70	61.92
27	<input type="checkbox"/>	288	0.00	375.46	475.10	43.18
28	<input type="checkbox"/>	328	0.00	397.27	495.01	42.35
29	<input type="checkbox"/>	332	0.00	401.51	495.01	40.51

Phase 2 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	495.01	38.04
31	<input type="checkbox"/>	340	0.00	406.47	495.01	38.36
32	<input type="checkbox"/>	344	0.00	404.87	495.01	39.06
33	<input type="checkbox"/>	388	0.00	376.45	496.59	52.05
34	<input type="checkbox"/>	392	0.00	377.15	496.55	51.74
35	<input type="checkbox"/>	396	0.00	378.22	496.52	51.26
36	<input type="checkbox"/>	400	0.00	381.65	496.47	49.75
37	<input type="checkbox"/>	404	0.00	379.03	496.47	50.88
38	<input type="checkbox"/>	472	0.00	352.64	492.78	60.72
39	<input type="checkbox"/>	476	0.00	350.72	492.78	61.56
40	<input type="checkbox"/>	480	0.00	351.63	492.73	61.14
41	<input type="checkbox"/>	528	0.00	361.17	493.38	57.28
42	<input type="checkbox"/>	536	0.00	382.20	495.24	48.98
43	<input type="checkbox"/>	560	0.00	382.50	495.24	48.85
44	<input type="checkbox"/>	592	0.00	382.88	490.61	46.68
45	<input type="checkbox"/>	596	0.00	387.55	495.01	46.56
46	<input type="checkbox"/>	628	207.16	373.74	471.50	42.36
47	<input type="checkbox"/>	636	258.68	360.96	489.64	55.76
48	<input type="checkbox"/>	640	0.00	373.91	494.82	52.39
49	<input type="checkbox"/>	644	0.00	362.08	491.40	56.04
50	<input type="checkbox"/>	648	0.00	381.62	496.15	49.63
51	<input type="checkbox"/>	652	0.00	377.56	496.26	51.43
52	<input type="checkbox"/>	728	0.00	360.55	489.31	55.79
53	<input type="checkbox"/>	732	0.00	361.71	488.67	55.01
54	<input type="checkbox"/>	760	0.00	363.73	488.67	54.14
55	<input type="checkbox"/>	764	0.00	359.47	493.20	57.95
56	<input type="checkbox"/>	768	0.00	357.26	493.12	58.87
57	<input type="checkbox"/>	772	0.00	357.57	493.02	58.69
58	<input type="checkbox"/>	776	0.00	353.17	492.88	60.54

Phase 2 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	216.20	353.68	487.87	58.14
60	<input type="checkbox"/>	269	207.16	374.15	470.81	41.88
61	<input type="checkbox"/>	273	258.68	363.39	486.31	53.26
62	<input type="checkbox"/>	301	0.00	371.42	497.23	54.51
63	<input type="checkbox"/>	305	0.00	379.25	497.44	51.21
64	<input type="checkbox"/>	309	0.00	382.11	497.56	50.03
65	<input type="checkbox"/>	616	0.00	371.92	496.89	54.15
66	<input type="checkbox"/>	385	0.00	385.91	495.01	47.27
67	<input type="checkbox"/>	421	0.00	391.00	496.11	45.54
68	<input type="checkbox"/>	425	0.00	394.08	496.20	44.25
69	<input type="checkbox"/>	429	0.00	383.37	496.38	48.97
70	<input type="checkbox"/>	433	0.00	390.00	496.18	46.01
71	<input type="checkbox"/>	437	0.00	388.00	496.24	46.90
72	<input type="checkbox"/>	441	0.00	382.75	496.31	49.21
73	<input type="checkbox"/>	445	0.00	366.80	496.75	56.31
74	<input type="checkbox"/>	449	0.00	362.01	496.78	58.39
75	<input type="checkbox"/>	457	0.00	363.91	496.82	57.59
76	<input type="checkbox"/>	461	0.00	368.29	496.80	55.68
77	<input type="checkbox"/>	465	0.00	367.39	497.07	56.19
78	<input type="checkbox"/>	469	0.00	369.16	497.23	55.49
79	<input type="checkbox"/>	473	0.00	368.81	497.36	55.70
80	<input type="checkbox"/>	481	0.00	380.00	497.43	50.88
81	<input type="checkbox"/>	485	0.00	384.00	497.05	48.98
82	<input type="checkbox"/>	489	0.00	388.85	496.64	46.70
83	<input type="checkbox"/>	493	0.00	377.57	496.32	51.45
84	<input type="checkbox"/>	497	470.40	379.50	496.28	50.60
85	<input type="checkbox"/>	501	0.00	381.45	496.38	49.80
86	<input type="checkbox"/>	505	0.00	383.49	496.38	48.92
87	<input type="checkbox"/>	509	0.00	379.21	496.73	50.92

Phase 2 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	496.41	49.29
89	<input type="checkbox"/>	525	0.00	375.92	497.43	52.65
90	<input type="checkbox"/>	529	0.00	378.05	497.44	51.73
91	<input type="checkbox"/>	533	0.00	393.75	496.24	44.41
92	<input type="checkbox"/>	537	0.00	388.65	496.18	46.59
93	<input type="checkbox"/>	541	0.00	386.87	496.17	47.36
94	<input type="checkbox"/>	545	0.00	375.12	496.52	52.60
95	<input type="checkbox"/>	549	0.00	389.88	496.29	46.11
96	<input type="checkbox"/>	553	0.00	378.46	496.58	51.18
97	<input type="checkbox"/>	557	0.00	388.94	495.01	45.96
98	<input type="checkbox"/>	561	0.00	397.45	495.01	42.27
99	<input type="checkbox"/>	565	0.00	398.88	495.01	41.65
100	<input type="checkbox"/>	569	0.00	434.83	495.01	26.08
101	<input type="checkbox"/>	573	0.00	417.23	495.01	33.70
102	<input type="checkbox"/>	577	0.00	377.09	497.45	52.15
103	<input type="checkbox"/>	581	0.00	376.80	497.43	52.27
104	<input type="checkbox"/>	585	0.00	382.01	497.05	49.84
105	<input type="checkbox"/>	589	0.00	376.86	497.47	52.26
106	<input type="checkbox"/>	593	0.00	366.64	497.00	56.48
107	<input type="checkbox"/>	597	0.00	367.63	493.82	54.68
108	<input type="checkbox"/>	601	0.00	378.25	496.26	51.14
109	<input type="checkbox"/>	617	0.00	404.84	495.01	39.07
110	<input type="checkbox"/>	621	0.00	430.05	495.01	28.15
111	<input type="checkbox"/>	625	0.00	397.76	495.01	42.14
112	<input type="checkbox"/>	633	10.00	395.99	495.01	42.90
113	<input type="checkbox"/>	637	0.00	462.63	495.01	14.03
114	<input type="checkbox"/>	649	0.00	398.97	495.01	41.61
115	<input type="checkbox"/>	657	0.00	397.59	495.01	42.21
116	<input type="checkbox"/>	661	0.00	372.83	495.42	53.12

Phase 2 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.44	60.04
118	<input type="checkbox"/>	677	0.00	408.63	543.44	58.41
119	<input type="checkbox"/>	681	0.00	410.53	543.44	57.59
120	<input type="checkbox"/>	693	0.00	424.36	543.44	51.60
121	<input type="checkbox"/>	697	0.00	425.95	543.44	50.91
122	<input type="checkbox"/>	701	0.00	420.33	543.44	53.34
123	<input type="checkbox"/>	705	0.00	418.20	543.44	54.27
124	<input type="checkbox"/>	709	0.00	415.88	543.44	55.27
125	<input type="checkbox"/>	713	0.00	414.27	543.44	55.97
126	<input type="checkbox"/>	717	0.00	413.98	543.44	56.09
127	<input type="checkbox"/>	741	0.00	420.07	543.44	53.45
128	<input type="checkbox"/>	753	0.00	407.86	543.44	58.74
129	<input type="checkbox"/>	757	0.00	416.30	543.44	55.09
130	<input type="checkbox"/>	761	0.00	421.52	543.44	52.83

Phase 2 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.00	55.50
2	<input type="checkbox"/>	112	0.00	374.62	496.78	52.93
3	<input type="checkbox"/>	116	0.00	378.08	496.59	51.35
4	<input type="checkbox"/>	120	0.00	385.56	496.38	48.02
5	<input type="checkbox"/>	124	0.00	387.85	496.18	46.94
6	<input type="checkbox"/>	128	0.00	390.02	495.97	45.91
7	<input type="checkbox"/>	132	0.00	383.45	495.76	48.66
8	<input type="checkbox"/>	136	0.00	377.67	495.53	51.07
9	<input type="checkbox"/>	144	0.00	382.00	495.30	49.10
10	<input type="checkbox"/>	148	0.00	384.90	495.14	47.76
11	<input type="checkbox"/>	152	575.40	387.06	495.03	46.78
12	<input type="checkbox"/>	156	574.40	387.15	495.01	46.74
13	<input type="checkbox"/>	160	0.00	385.30	495.01	47.53
14	<input type="checkbox"/>	168	0.00	392.25	495.01	44.53
15	<input type="checkbox"/>	176	0.00	377.66	495.09	50.88
16	<input type="checkbox"/>	188	0.00	371.85	494.63	53.20
17	<input type="checkbox"/>	196	0.00	372.77	494.36	52.69
18	<input type="checkbox"/>	204	0.00	368.10	494.06	54.58
19	<input type="checkbox"/>	216	0.00	367.60	493.82	54.69
20	<input type="checkbox"/>	220	0.00	362.39	493.63	56.87
21	<input type="checkbox"/>	232	0.00	361.59	493.40	57.11
22	<input type="checkbox"/>	236	0.00	360.09	493.30	57.72
23	<input type="checkbox"/>	240	0.00	358.49	493.27	58.40
24	<input type="checkbox"/>	244	0.00	358.05	493.27	58.59
25	<input type="checkbox"/>	272	216.20	351.43	488.97	59.60
26	<input type="checkbox"/>	276	530.40	349.80	492.70	61.92
27	<input type="checkbox"/>	288	0.00	375.46	475.10	43.18
28	<input type="checkbox"/>	328	0.00	397.27	495.01	42.35
29	<input type="checkbox"/>	332	0.00	401.51	495.01	40.51

Phase 2 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	495.01	38.04
31	<input type="checkbox"/>	340	0.00	406.47	495.01	38.36
32	<input type="checkbox"/>	344	0.00	404.87	495.01	39.06
33	<input type="checkbox"/>	388	0.00	376.45	496.59	52.05
34	<input type="checkbox"/>	392	0.00	377.15	496.55	51.74
35	<input type="checkbox"/>	396	0.00	378.22	496.52	51.26
36	<input type="checkbox"/>	400	0.00	381.65	496.47	49.75
37	<input type="checkbox"/>	404	0.00	379.03	496.47	50.88
38	<input type="checkbox"/>	472	0.00	352.64	492.78	60.72
39	<input type="checkbox"/>	476	0.00	350.72	492.78	61.56
40	<input type="checkbox"/>	480	0.00	351.63	492.73	61.14
41	<input type="checkbox"/>	528	0.00	361.17	493.38	57.28
42	<input type="checkbox"/>	536	0.00	382.20	495.24	48.98
43	<input type="checkbox"/>	560	0.00	382.50	495.24	48.85
44	<input type="checkbox"/>	592	0.00	382.88	490.61	46.68
45	<input type="checkbox"/>	596	0.00	387.55	495.01	46.56
46	<input type="checkbox"/>	628	207.16	373.74	471.50	42.36
47	<input type="checkbox"/>	636	258.68	360.96	489.64	55.76
48	<input type="checkbox"/>	640	0.00	373.91	494.82	52.39
49	<input type="checkbox"/>	644	0.00	362.08	491.40	56.04
50	<input type="checkbox"/>	648	0.00	381.62	496.15	49.63
51	<input type="checkbox"/>	652	0.00	377.56	496.26	51.43
52	<input type="checkbox"/>	728	0.00	360.55	489.31	55.79
53	<input type="checkbox"/>	732	0.00	361.71	488.67	55.01
54	<input type="checkbox"/>	760	0.00	363.73	488.67	54.14
55	<input type="checkbox"/>	764	0.00	359.47	493.20	57.95
56	<input type="checkbox"/>	768	0.00	357.26	493.12	58.87
57	<input type="checkbox"/>	772	0.00	357.57	493.02	58.69
58	<input type="checkbox"/>	776	0.00	353.17	492.88	60.54

Phase 2 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	216.20	353.68	487.87	58.14
60	<input type="checkbox"/>	269	207.16	374.15	470.81	41.88
61	<input type="checkbox"/>	273	258.68	363.39	486.31	53.26
62	<input type="checkbox"/>	301	0.00	371.42	497.23	54.51
63	<input type="checkbox"/>	305	0.00	379.25	497.44	51.21
64	<input type="checkbox"/>	309	0.00	382.11	497.56	50.03
65	<input type="checkbox"/>	616	0.00	371.92	496.89	54.15
66	<input type="checkbox"/>	385	0.00	385.91	495.01	47.27
67	<input type="checkbox"/>	421	0.00	391.00	496.11	45.54
68	<input type="checkbox"/>	425	0.00	394.08	496.20	44.25
69	<input type="checkbox"/>	429	0.00	383.37	496.38	48.97
70	<input type="checkbox"/>	433	0.00	390.00	496.18	46.01
71	<input type="checkbox"/>	437	0.00	388.00	496.24	46.90
72	<input type="checkbox"/>	441	0.00	382.75	496.31	49.21
73	<input type="checkbox"/>	445	0.00	366.80	496.75	56.31
74	<input type="checkbox"/>	449	0.00	362.01	496.78	58.39
75	<input type="checkbox"/>	457	0.00	363.91	496.82	57.59
76	<input type="checkbox"/>	461	0.00	368.29	496.80	55.68
77	<input type="checkbox"/>	465	0.00	367.39	497.07	56.19
78	<input type="checkbox"/>	469	0.00	369.16	497.23	55.49
79	<input type="checkbox"/>	473	0.00	368.81	497.36	55.70
80	<input type="checkbox"/>	481	0.00	380.00	497.43	50.88
81	<input type="checkbox"/>	485	0.00	384.00	497.05	48.98
82	<input type="checkbox"/>	489	0.00	388.85	496.64	46.70
83	<input type="checkbox"/>	493	0.00	377.57	496.32	51.45
84	<input type="checkbox"/>	497	470.40	379.50	496.28	50.60
85	<input type="checkbox"/>	501	0.00	381.45	496.38	49.80
86	<input type="checkbox"/>	505	0.00	383.49	496.38	48.92
87	<input type="checkbox"/>	509	0.00	379.21	496.73	50.92

Phase 2 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	496.41	49.29
89	<input type="checkbox"/>	525	0.00	375.92	497.43	52.65
90	<input type="checkbox"/>	529	0.00	378.05	497.44	51.73
91	<input type="checkbox"/>	533	0.00	393.75	496.24	44.41
92	<input type="checkbox"/>	537	0.00	388.65	496.18	46.59
93	<input type="checkbox"/>	541	0.00	386.87	496.17	47.36
94	<input type="checkbox"/>	545	0.00	375.12	496.52	52.60
95	<input type="checkbox"/>	549	0.00	389.88	496.29	46.11
96	<input type="checkbox"/>	553	0.00	378.46	496.58	51.18
97	<input type="checkbox"/>	557	0.00	388.94	495.01	45.96
98	<input type="checkbox"/>	561	0.00	397.45	495.01	42.27
99	<input type="checkbox"/>	565	0.00	398.88	495.01	41.65
100	<input type="checkbox"/>	569	0.00	434.83	495.01	26.08
101	<input type="checkbox"/>	573	0.00	417.23	495.01	33.70
102	<input type="checkbox"/>	577	0.00	377.09	497.45	52.15
103	<input type="checkbox"/>	581	0.00	376.80	497.43	52.27
104	<input type="checkbox"/>	585	0.00	382.01	497.05	49.84
105	<input type="checkbox"/>	589	0.00	376.86	497.47	52.26
106	<input type="checkbox"/>	593	0.00	366.64	497.00	56.48
107	<input type="checkbox"/>	597	0.00	367.63	493.82	54.68
108	<input type="checkbox"/>	601	0.00	378.25	496.26	51.14
109	<input type="checkbox"/>	617	0.00	404.84	495.01	39.07
110	<input type="checkbox"/>	621	0.00	430.05	495.01	28.15
111	<input type="checkbox"/>	625	0.00	397.76	495.01	42.14
112	<input type="checkbox"/>	633	10.00	395.99	495.01	42.90
113	<input type="checkbox"/>	637	0.00	462.63	495.01	14.03
114	<input type="checkbox"/>	649	0.00	398.97	495.01	41.61
115	<input type="checkbox"/>	657	0.00	397.59	495.01	42.21
116	<input type="checkbox"/>	661	0.00	372.83	495.42	53.12

Phase 2 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.44	60.04
118	<input type="checkbox"/>	677	0.00	408.63	543.44	58.41
119	<input type="checkbox"/>	681	0.00	410.53	543.44	57.59
120	<input type="checkbox"/>	693	0.00	424.36	543.44	51.60
121	<input type="checkbox"/>	697	0.00	425.95	543.44	50.91
122	<input type="checkbox"/>	701	0.00	420.33	543.44	53.34
123	<input type="checkbox"/>	705	0.00	418.20	543.44	54.27
124	<input type="checkbox"/>	709	0.00	415.88	543.44	55.27
125	<input type="checkbox"/>	713	0.00	414.27	543.44	55.97
126	<input type="checkbox"/>	717	0.00	413.98	543.44	56.09
127	<input type="checkbox"/>	741	0.00	420.07	543.44	53.45
128	<input type="checkbox"/>	753	0.00	407.86	543.44	58.74
129	<input type="checkbox"/>	757	0.00	416.30	543.44	55.09
130	<input type="checkbox"/>	761	0.00	421.52	543.44	52.83

Phase 2 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.00	55.50
2	<input type="checkbox"/>	112	0.00	374.62	496.78	52.93
3	<input type="checkbox"/>	116	0.00	378.08	496.59	51.35
4	<input type="checkbox"/>	120	0.00	385.56	496.38	48.02
5	<input type="checkbox"/>	124	0.00	387.85	496.18	46.94
6	<input type="checkbox"/>	128	0.00	390.02	495.97	45.91
7	<input type="checkbox"/>	132	0.00	383.45	495.76	48.66
8	<input type="checkbox"/>	136	0.00	377.67	495.53	51.07
9	<input type="checkbox"/>	144	0.00	382.00	495.30	49.10
10	<input type="checkbox"/>	148	0.00	384.90	495.14	47.76
11	<input type="checkbox"/>	152	575.40	387.06	495.03	46.78
12	<input type="checkbox"/>	156	574.40	387.15	495.01	46.74
13	<input type="checkbox"/>	160	0.00	385.30	495.01	47.53
14	<input type="checkbox"/>	168	0.00	392.25	495.01	44.53
15	<input type="checkbox"/>	176	0.00	377.66	495.09	50.88
16	<input type="checkbox"/>	188	0.00	371.85	494.63	53.20
17	<input type="checkbox"/>	196	0.00	372.77	494.36	52.69
18	<input type="checkbox"/>	204	0.00	368.10	494.06	54.58
19	<input type="checkbox"/>	216	0.00	367.60	493.82	54.69
20	<input type="checkbox"/>	220	0.00	362.39	493.63	56.87
21	<input type="checkbox"/>	232	0.00	361.59	493.40	57.11
22	<input type="checkbox"/>	236	0.00	360.09	493.30	57.72
23	<input type="checkbox"/>	240	0.00	358.49	493.27	58.40
24	<input type="checkbox"/>	244	0.00	358.05	493.27	58.59
25	<input type="checkbox"/>	272	216.20	351.43	488.97	59.60
26	<input type="checkbox"/>	276	530.40	349.80	492.70	61.92
27	<input type="checkbox"/>	288	0.00	375.46	475.10	43.18
28	<input type="checkbox"/>	328	0.00	397.27	495.01	42.35
29	<input type="checkbox"/>	332	0.00	401.51	495.01	40.51

Phase 2 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	495.01	38.04
31	<input type="checkbox"/>	340	0.00	406.47	495.01	38.36
32	<input type="checkbox"/>	344	0.00	404.87	495.01	39.06
33	<input type="checkbox"/>	388	0.00	376.45	496.59	52.05
34	<input type="checkbox"/>	392	0.00	377.15	496.55	51.74
35	<input type="checkbox"/>	396	0.00	378.22	496.52	51.26
36	<input type="checkbox"/>	400	0.00	381.65	496.47	49.75
37	<input type="checkbox"/>	404	0.00	379.03	496.47	50.88
38	<input type="checkbox"/>	472	0.00	352.64	492.78	60.72
39	<input type="checkbox"/>	476	0.00	350.72	492.78	61.56
40	<input type="checkbox"/>	480	0.00	351.63	492.73	61.14
41	<input type="checkbox"/>	528	0.00	361.17	493.38	57.28
42	<input type="checkbox"/>	536	0.00	382.20	495.24	48.98
43	<input type="checkbox"/>	560	0.00	382.50	495.24	48.85
44	<input type="checkbox"/>	592	0.00	382.88	490.61	46.68
45	<input type="checkbox"/>	596	0.00	387.55	495.01	46.56
46	<input type="checkbox"/>	628	207.16	373.74	471.50	42.36
47	<input type="checkbox"/>	636	258.68	360.96	489.64	55.76
48	<input type="checkbox"/>	640	0.00	373.91	494.82	52.39
49	<input type="checkbox"/>	644	0.00	362.08	491.40	56.04
50	<input type="checkbox"/>	648	0.00	381.62	496.15	49.63
51	<input type="checkbox"/>	652	0.00	377.56	496.26	51.43
52	<input type="checkbox"/>	728	0.00	360.55	489.31	55.79
53	<input type="checkbox"/>	732	0.00	361.71	488.67	55.01
54	<input type="checkbox"/>	760	0.00	363.73	488.67	54.14
55	<input type="checkbox"/>	764	0.00	359.47	493.20	57.95
56	<input type="checkbox"/>	768	0.00	357.26	493.12	58.87
57	<input type="checkbox"/>	772	0.00	357.57	493.02	58.69
58	<input type="checkbox"/>	776	0.00	353.17	492.88	60.54

Phase 2 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	216.20	353.68	487.87	58.14
60	<input type="checkbox"/>	269	207.16	374.15	470.81	41.88
61	<input type="checkbox"/>	273	258.68	363.39	486.31	53.26
62	<input type="checkbox"/>	301	0.00	371.42	497.23	54.51
63	<input type="checkbox"/>	305	0.00	379.25	497.44	51.21
64	<input type="checkbox"/>	309	0.00	382.11	497.56	50.03
65	<input type="checkbox"/>	616	0.00	371.92	496.89	54.15
66	<input type="checkbox"/>	385	0.00	385.91	495.01	47.27
67	<input type="checkbox"/>	421	0.00	391.00	496.11	45.54
68	<input type="checkbox"/>	425	0.00	394.08	496.20	44.25
69	<input type="checkbox"/>	429	0.00	383.37	496.38	48.97
70	<input type="checkbox"/>	433	0.00	390.00	496.18	46.01
71	<input type="checkbox"/>	437	0.00	388.00	496.24	46.90
72	<input type="checkbox"/>	441	0.00	382.75	496.31	49.21
73	<input type="checkbox"/>	445	0.00	366.80	496.75	56.31
74	<input type="checkbox"/>	449	0.00	362.01	496.78	58.39
75	<input type="checkbox"/>	457	0.00	363.91	496.82	57.59
76	<input type="checkbox"/>	461	0.00	368.29	496.80	55.68
77	<input type="checkbox"/>	465	0.00	367.39	497.07	56.19
78	<input type="checkbox"/>	469	0.00	369.16	497.23	55.49
79	<input type="checkbox"/>	473	0.00	368.81	497.36	55.70
80	<input type="checkbox"/>	481	0.00	380.00	497.43	50.88
81	<input type="checkbox"/>	485	0.00	384.00	497.05	48.98
82	<input type="checkbox"/>	489	0.00	388.85	496.64	46.70
83	<input type="checkbox"/>	493	0.00	377.57	496.32	51.45
84	<input type="checkbox"/>	497	470.40	379.50	496.28	50.60
85	<input type="checkbox"/>	501	0.00	381.45	496.38	49.80
86	<input type="checkbox"/>	505	0.00	383.49	496.38	48.92
87	<input type="checkbox"/>	509	0.00	379.21	496.73	50.92

Phase 2 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	496.41	49.29
89	<input type="checkbox"/>	525	0.00	375.92	497.43	52.65
90	<input type="checkbox"/>	529	0.00	378.05	497.44	51.73
91	<input type="checkbox"/>	533	0.00	393.75	496.24	44.41
92	<input type="checkbox"/>	537	0.00	388.65	496.18	46.59
93	<input type="checkbox"/>	541	0.00	386.87	496.17	47.36
94	<input type="checkbox"/>	545	0.00	375.12	496.52	52.60
95	<input type="checkbox"/>	549	0.00	389.88	496.29	46.11
96	<input type="checkbox"/>	553	0.00	378.46	496.58	51.18
97	<input type="checkbox"/>	557	0.00	388.94	495.01	45.96
98	<input type="checkbox"/>	561	0.00	397.45	495.01	42.27
99	<input type="checkbox"/>	565	0.00	398.88	495.01	41.65
100	<input type="checkbox"/>	569	0.00	434.83	495.01	26.08
101	<input type="checkbox"/>	573	0.00	417.23	495.01	33.70
102	<input type="checkbox"/>	577	0.00	377.09	497.45	52.15
103	<input type="checkbox"/>	581	0.00	376.80	497.43	52.27
104	<input type="checkbox"/>	585	0.00	382.01	497.05	49.84
105	<input type="checkbox"/>	589	0.00	376.86	497.47	52.26
106	<input type="checkbox"/>	593	0.00	366.64	497.00	56.48
107	<input type="checkbox"/>	597	0.00	367.63	493.82	54.68
108	<input type="checkbox"/>	601	0.00	378.25	496.26	51.14
109	<input type="checkbox"/>	617	0.00	404.84	495.01	39.07
110	<input type="checkbox"/>	621	0.00	430.05	495.01	28.15
111	<input type="checkbox"/>	625	0.00	397.76	495.01	42.14
112	<input type="checkbox"/>	633	10.00	395.99	495.01	42.90
113	<input type="checkbox"/>	637	0.00	462.63	495.01	14.03
114	<input type="checkbox"/>	649	0.00	398.97	495.01	41.61
115	<input type="checkbox"/>	657	0.00	397.59	495.01	42.21
116	<input type="checkbox"/>	661	0.00	372.83	495.42	53.12

Phase 2 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.44	60.04
118	<input type="checkbox"/>	677	0.00	408.63	543.44	58.41
119	<input type="checkbox"/>	681	0.00	410.53	543.44	57.59
120	<input type="checkbox"/>	693	0.00	424.36	543.44	51.60
121	<input type="checkbox"/>	697	0.00	425.95	543.44	50.91
122	<input type="checkbox"/>	701	0.00	420.33	543.44	53.34
123	<input type="checkbox"/>	705	0.00	418.20	543.44	54.27
124	<input type="checkbox"/>	709	0.00	415.88	543.44	55.27
125	<input type="checkbox"/>	713	0.00	414.27	543.44	55.97
126	<input type="checkbox"/>	717	0.00	413.98	543.44	56.09
127	<input type="checkbox"/>	741	0.00	420.07	543.44	53.45
128	<input type="checkbox"/>	753	0.00	407.86	543.44	58.74
129	<input type="checkbox"/>	757	0.00	416.30	543.44	55.09
130	<input type="checkbox"/>	761	0.00	421.52	543.44	52.83

Phase 2 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.00	55.50
2	<input type="checkbox"/>	112	0.00	374.62	496.78	52.93
3	<input type="checkbox"/>	116	0.00	378.08	496.59	51.35
4	<input type="checkbox"/>	120	0.00	385.56	496.38	48.02
5	<input type="checkbox"/>	124	0.00	387.85	496.18	46.94
6	<input type="checkbox"/>	128	0.00	390.02	495.97	45.91
7	<input type="checkbox"/>	132	0.00	383.45	495.76	48.66
8	<input type="checkbox"/>	136	0.00	377.67	495.53	51.07
9	<input type="checkbox"/>	144	0.00	382.00	495.30	49.10
10	<input type="checkbox"/>	148	0.00	384.90	495.14	47.76
11	<input type="checkbox"/>	152	575.40	387.06	495.03	46.78
12	<input type="checkbox"/>	156	574.40	387.15	495.01	46.74
13	<input type="checkbox"/>	160	0.00	385.30	495.01	47.53
14	<input type="checkbox"/>	168	0.00	392.25	495.01	44.53
15	<input type="checkbox"/>	176	0.00	377.66	495.09	50.88
16	<input type="checkbox"/>	188	0.00	371.85	494.63	53.20
17	<input type="checkbox"/>	196	0.00	372.77	494.36	52.69
18	<input type="checkbox"/>	204	0.00	368.10	494.06	54.58
19	<input type="checkbox"/>	216	0.00	367.60	493.82	54.69
20	<input type="checkbox"/>	220	0.00	362.39	493.63	56.87
21	<input type="checkbox"/>	232	0.00	361.59	493.40	57.11
22	<input type="checkbox"/>	236	0.00	360.09	493.30	57.72
23	<input type="checkbox"/>	240	0.00	358.49	493.27	58.40
24	<input type="checkbox"/>	244	0.00	358.05	493.27	58.59
25	<input type="checkbox"/>	272	216.20	351.43	488.97	59.60
26	<input type="checkbox"/>	276	530.40	349.80	492.70	61.92
27	<input type="checkbox"/>	288	0.00	375.46	475.10	43.18
28	<input type="checkbox"/>	328	0.00	397.27	495.01	42.35
29	<input type="checkbox"/>	332	0.00	401.51	495.01	40.51

Phase 2 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	495.01	38.04
31	<input type="checkbox"/>	340	0.00	406.47	495.01	38.36
32	<input type="checkbox"/>	344	0.00	404.87	495.01	39.06
33	<input type="checkbox"/>	388	0.00	376.45	496.59	52.05
34	<input type="checkbox"/>	392	0.00	377.15	496.55	51.74
35	<input type="checkbox"/>	396	0.00	378.22	496.52	51.26
36	<input type="checkbox"/>	400	0.00	381.65	496.47	49.75
37	<input type="checkbox"/>	404	0.00	379.03	496.47	50.88
38	<input type="checkbox"/>	472	0.00	352.64	492.78	60.72
39	<input type="checkbox"/>	476	0.00	350.72	492.78	61.56
40	<input type="checkbox"/>	480	0.00	351.63	492.73	61.14
41	<input type="checkbox"/>	528	0.00	361.17	493.38	57.28
42	<input type="checkbox"/>	536	0.00	382.20	495.24	48.98
43	<input type="checkbox"/>	560	0.00	382.50	495.24	48.85
44	<input type="checkbox"/>	592	0.00	382.88	490.61	46.68
45	<input type="checkbox"/>	596	0.00	387.55	495.01	46.56
46	<input type="checkbox"/>	628	207.16	373.74	471.50	42.36
47	<input type="checkbox"/>	636	258.68	360.96	489.64	55.76
48	<input type="checkbox"/>	640	0.00	373.91	494.82	52.39
49	<input type="checkbox"/>	644	0.00	362.08	491.40	56.04
50	<input type="checkbox"/>	648	0.00	381.62	496.15	49.63
51	<input type="checkbox"/>	652	0.00	377.56	496.26	51.43
52	<input type="checkbox"/>	728	0.00	360.55	489.31	55.79
53	<input type="checkbox"/>	732	0.00	361.71	488.67	55.01
54	<input type="checkbox"/>	760	0.00	363.73	488.67	54.14
55	<input type="checkbox"/>	764	0.00	359.47	493.20	57.95
56	<input type="checkbox"/>	768	0.00	357.26	493.12	58.87
57	<input type="checkbox"/>	772	0.00	357.57	493.02	58.69
58	<input type="checkbox"/>	776	0.00	353.17	492.88	60.54

Phase 2 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	216.20	353.68	487.87	58.14
60	<input type="checkbox"/>	269	207.16	374.15	470.81	41.88
61	<input type="checkbox"/>	273	258.68	363.39	486.31	53.26
62	<input type="checkbox"/>	301	0.00	371.42	497.23	54.51
63	<input type="checkbox"/>	305	0.00	379.25	497.44	51.21
64	<input type="checkbox"/>	309	0.00	382.11	497.56	50.03
65	<input type="checkbox"/>	616	0.00	371.92	496.89	54.15
66	<input type="checkbox"/>	385	0.00	385.91	495.01	47.27
67	<input type="checkbox"/>	421	0.00	391.00	496.11	45.54
68	<input type="checkbox"/>	425	0.00	394.08	496.20	44.25
69	<input type="checkbox"/>	429	0.00	383.37	496.38	48.97
70	<input type="checkbox"/>	433	0.00	390.00	496.18	46.01
71	<input type="checkbox"/>	437	0.00	388.00	496.24	46.90
72	<input type="checkbox"/>	441	0.00	382.75	496.31	49.21
73	<input type="checkbox"/>	445	0.00	366.80	496.75	56.31
74	<input type="checkbox"/>	449	0.00	362.01	496.78	58.39
75	<input type="checkbox"/>	457	0.00	363.91	496.82	57.59
76	<input type="checkbox"/>	461	0.00	368.29	496.80	55.68
77	<input type="checkbox"/>	465	0.00	367.39	497.07	56.19
78	<input type="checkbox"/>	469	0.00	369.16	497.23	55.49
79	<input type="checkbox"/>	473	0.00	368.81	497.36	55.70
80	<input type="checkbox"/>	481	0.00	380.00	497.43	50.88
81	<input type="checkbox"/>	485	0.00	384.00	497.05	48.98
82	<input type="checkbox"/>	489	0.00	388.85	496.64	46.70
83	<input type="checkbox"/>	493	0.00	377.57	496.32	51.45
84	<input type="checkbox"/>	497	470.40	379.50	496.28	50.60
85	<input type="checkbox"/>	501	0.00	381.45	496.38	49.80
86	<input type="checkbox"/>	505	0.00	383.49	496.38	48.92
87	<input type="checkbox"/>	509	0.00	379.21	496.73	50.92

Phase 2 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	496.41	49.29
89	<input type="checkbox"/>	525	0.00	375.92	497.43	52.65
90	<input type="checkbox"/>	529	0.00	378.05	497.44	51.73
91	<input type="checkbox"/>	533	0.00	393.75	496.24	44.41
92	<input type="checkbox"/>	537	0.00	388.65	496.18	46.59
93	<input type="checkbox"/>	541	0.00	386.87	496.17	47.36
94	<input type="checkbox"/>	545	0.00	375.12	496.52	52.60
95	<input type="checkbox"/>	549	0.00	389.88	496.29	46.11
96	<input type="checkbox"/>	553	0.00	378.46	496.58	51.18
97	<input type="checkbox"/>	557	0.00	388.94	495.01	45.96
98	<input type="checkbox"/>	561	0.00	397.45	495.01	42.27
99	<input type="checkbox"/>	565	0.00	398.88	495.01	41.65
100	<input type="checkbox"/>	569	0.00	434.83	495.01	26.08
101	<input type="checkbox"/>	573	0.00	417.23	495.01	33.70
102	<input type="checkbox"/>	577	0.00	377.09	497.45	52.15
103	<input type="checkbox"/>	581	0.00	376.80	497.43	52.27
104	<input type="checkbox"/>	585	0.00	382.01	497.05	49.84
105	<input type="checkbox"/>	589	0.00	376.86	497.47	52.26
106	<input type="checkbox"/>	593	0.00	366.64	497.00	56.48
107	<input type="checkbox"/>	597	0.00	367.63	493.82	54.68
108	<input type="checkbox"/>	601	0.00	378.25	496.26	51.14
109	<input type="checkbox"/>	617	0.00	404.84	495.01	39.07
110	<input type="checkbox"/>	621	0.00	430.05	495.01	28.15
111	<input type="checkbox"/>	625	0.00	397.76	495.01	42.14
112	<input type="checkbox"/>	633	10.00	395.99	495.01	42.90
113	<input type="checkbox"/>	637	0.00	462.63	495.01	14.03
114	<input type="checkbox"/>	649	0.00	398.97	495.01	41.61
115	<input type="checkbox"/>	657	0.00	397.59	495.01	42.21
116	<input type="checkbox"/>	661	0.00	372.83	495.42	53.12

Phase 2 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.44	60.04
118	<input type="checkbox"/>	677	0.00	408.63	543.44	58.41
119	<input type="checkbox"/>	681	0.00	410.53	543.44	57.59
120	<input type="checkbox"/>	693	0.00	424.36	543.44	51.60
121	<input type="checkbox"/>	697	0.00	425.95	543.44	50.91
122	<input type="checkbox"/>	701	0.00	420.33	543.44	53.34
123	<input type="checkbox"/>	705	0.00	418.20	543.44	54.27
124	<input type="checkbox"/>	709	0.00	415.88	543.44	55.27
125	<input type="checkbox"/>	713	0.00	414.27	543.44	55.97
126	<input type="checkbox"/>	717	0.00	413.98	543.44	56.09
127	<input type="checkbox"/>	741	0.00	420.07	543.44	53.45
128	<input type="checkbox"/>	753	0.00	407.86	543.44	58.74
129	<input type="checkbox"/>	757	0.00	416.30	543.44	55.09
130	<input type="checkbox"/>	761	0.00	421.52	543.44	52.83

Phase 2 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.00	55.50
2	<input type="checkbox"/>	112	0.00	374.62	496.78	52.93
3	<input type="checkbox"/>	116	0.00	378.08	496.59	51.35
4	<input type="checkbox"/>	120	0.00	385.56	496.38	48.02
5	<input type="checkbox"/>	124	0.00	387.85	496.18	46.94
6	<input type="checkbox"/>	128	0.00	390.02	495.97	45.91
7	<input type="checkbox"/>	132	0.00	383.45	495.76	48.66
8	<input type="checkbox"/>	136	0.00	377.67	495.53	51.07
9	<input type="checkbox"/>	144	0.00	382.00	495.30	49.10
10	<input type="checkbox"/>	148	0.00	384.90	495.14	47.76
11	<input type="checkbox"/>	152	575.40	387.06	495.03	46.78
12	<input type="checkbox"/>	156	574.40	387.15	495.01	46.74
13	<input type="checkbox"/>	160	0.00	385.30	495.01	47.53
14	<input type="checkbox"/>	168	0.00	392.25	495.01	44.53
15	<input type="checkbox"/>	176	0.00	377.66	495.09	50.88
16	<input type="checkbox"/>	188	0.00	371.85	494.63	53.20
17	<input type="checkbox"/>	196	0.00	372.77	494.36	52.69
18	<input type="checkbox"/>	204	0.00	368.10	494.06	54.58
19	<input type="checkbox"/>	216	0.00	367.60	493.82	54.69
20	<input type="checkbox"/>	220	0.00	362.39	493.63	56.87
21	<input type="checkbox"/>	232	0.00	361.59	493.40	57.11
22	<input type="checkbox"/>	236	0.00	360.09	493.30	57.72
23	<input type="checkbox"/>	240	0.00	358.49	493.27	58.40
24	<input type="checkbox"/>	244	0.00	358.05	493.27	58.59
25	<input type="checkbox"/>	272	216.20	351.43	488.97	59.60
26	<input type="checkbox"/>	276	530.40	349.80	492.70	61.92
27	<input type="checkbox"/>	288	0.00	375.46	475.10	43.18
28	<input type="checkbox"/>	328	0.00	397.27	495.01	42.35
29	<input type="checkbox"/>	332	0.00	401.51	495.01	40.51

Phase 2 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	495.01	38.04
31	<input type="checkbox"/>	340	0.00	406.47	495.01	38.36
32	<input type="checkbox"/>	344	0.00	404.87	495.01	39.06
33	<input type="checkbox"/>	388	0.00	376.45	496.59	52.05
34	<input type="checkbox"/>	392	0.00	377.15	496.55	51.74
35	<input type="checkbox"/>	396	0.00	378.22	496.52	51.26
36	<input type="checkbox"/>	400	0.00	381.65	496.47	49.75
37	<input type="checkbox"/>	404	0.00	379.03	496.47	50.88
38	<input type="checkbox"/>	472	0.00	352.64	492.78	60.72
39	<input type="checkbox"/>	476	0.00	350.72	492.78	61.56
40	<input type="checkbox"/>	480	0.00	351.63	492.73	61.14
41	<input type="checkbox"/>	528	0.00	361.17	493.38	57.28
42	<input type="checkbox"/>	536	0.00	382.20	495.24	48.98
43	<input type="checkbox"/>	560	0.00	382.50	495.24	48.85
44	<input type="checkbox"/>	592	0.00	382.88	490.61	46.68
45	<input type="checkbox"/>	596	0.00	387.55	495.01	46.56
46	<input type="checkbox"/>	628	207.16	373.74	471.50	42.36
47	<input type="checkbox"/>	636	258.68	360.96	489.64	55.76
48	<input type="checkbox"/>	640	0.00	373.91	494.82	52.39
49	<input type="checkbox"/>	644	0.00	362.08	491.40	56.04
50	<input type="checkbox"/>	648	0.00	381.62	496.15	49.63
51	<input type="checkbox"/>	652	0.00	377.56	496.26	51.43
52	<input type="checkbox"/>	728	0.00	360.55	489.31	55.79
53	<input type="checkbox"/>	732	0.00	361.71	488.67	55.01
54	<input type="checkbox"/>	760	0.00	363.73	488.67	54.14
55	<input type="checkbox"/>	764	0.00	359.47	493.20	57.95
56	<input type="checkbox"/>	768	0.00	357.26	493.12	58.87
57	<input type="checkbox"/>	772	0.00	357.57	493.02	58.69
58	<input type="checkbox"/>	776	0.00	353.17	492.88	60.54

Phase 2 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	216.20	353.68	487.87	58.14
60	<input type="checkbox"/>	269	207.16	374.15	470.81	41.88
61	<input type="checkbox"/>	273	258.68	363.39	486.31	53.26
62	<input type="checkbox"/>	301	0.00	371.42	497.23	54.51
63	<input type="checkbox"/>	305	0.00	379.25	497.44	51.21
64	<input type="checkbox"/>	309	0.00	382.11	497.56	50.03
65	<input type="checkbox"/>	616	0.00	371.92	496.89	54.15
66	<input type="checkbox"/>	385	0.00	385.91	495.01	47.27
67	<input type="checkbox"/>	421	0.00	391.00	496.11	45.54
68	<input type="checkbox"/>	425	0.00	394.08	496.20	44.25
69	<input type="checkbox"/>	429	0.00	383.37	496.38	48.97
70	<input type="checkbox"/>	433	0.00	390.00	496.18	46.01
71	<input type="checkbox"/>	437	0.00	388.00	496.24	46.90
72	<input type="checkbox"/>	441	0.00	382.75	496.31	49.21
73	<input type="checkbox"/>	445	0.00	366.80	496.75	56.31
74	<input type="checkbox"/>	449	0.00	362.01	496.78	58.39
75	<input type="checkbox"/>	457	0.00	363.91	496.82	57.59
76	<input type="checkbox"/>	461	0.00	368.29	496.80	55.68
77	<input type="checkbox"/>	465	0.00	367.39	497.07	56.19
78	<input type="checkbox"/>	469	0.00	369.16	497.23	55.49
79	<input type="checkbox"/>	473	0.00	368.81	497.36	55.70
80	<input type="checkbox"/>	481	0.00	380.00	497.43	50.88
81	<input type="checkbox"/>	485	0.00	384.00	497.05	48.98
82	<input type="checkbox"/>	489	0.00	388.85	496.64	46.70
83	<input type="checkbox"/>	493	0.00	377.57	496.32	51.45
84	<input type="checkbox"/>	497	470.40	379.50	496.28	50.60
85	<input type="checkbox"/>	501	0.00	381.45	496.38	49.80
86	<input type="checkbox"/>	505	0.00	383.49	496.38	48.92
87	<input type="checkbox"/>	509	0.00	379.21	496.73	50.92

Phase 2 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	496.41	49.29
89	<input type="checkbox"/>	525	0.00	375.92	497.43	52.65
90	<input type="checkbox"/>	529	0.00	378.05	497.44	51.73
91	<input type="checkbox"/>	533	0.00	393.75	496.24	44.41
92	<input type="checkbox"/>	537	0.00	388.65	496.18	46.59
93	<input type="checkbox"/>	541	0.00	386.87	496.17	47.36
94	<input type="checkbox"/>	545	0.00	375.12	496.52	52.60
95	<input type="checkbox"/>	549	0.00	389.88	496.29	46.11
96	<input type="checkbox"/>	553	0.00	378.46	496.58	51.18
97	<input type="checkbox"/>	557	0.00	388.94	495.01	45.96
98	<input type="checkbox"/>	561	0.00	397.45	495.01	42.27
99	<input type="checkbox"/>	565	0.00	398.88	495.01	41.65
100	<input type="checkbox"/>	569	0.00	434.83	495.01	26.08
101	<input type="checkbox"/>	573	0.00	417.23	495.01	33.70
102	<input type="checkbox"/>	577	0.00	377.09	497.45	52.15
103	<input type="checkbox"/>	581	0.00	376.80	497.43	52.27
104	<input type="checkbox"/>	585	0.00	382.01	497.05	49.84
105	<input type="checkbox"/>	589	0.00	376.86	497.47	52.26
106	<input type="checkbox"/>	593	0.00	366.64	497.00	56.48
107	<input type="checkbox"/>	597	0.00	367.63	493.82	54.68
108	<input type="checkbox"/>	601	0.00	378.25	496.26	51.14
109	<input type="checkbox"/>	617	0.00	404.84	495.01	39.07
110	<input type="checkbox"/>	621	0.00	430.05	495.01	28.15
111	<input type="checkbox"/>	625	0.00	397.76	495.01	42.14
112	<input type="checkbox"/>	633	10.00	395.99	495.01	42.90
113	<input type="checkbox"/>	637	0.00	462.63	495.01	14.03
114	<input type="checkbox"/>	649	0.00	398.97	495.01	41.61
115	<input type="checkbox"/>	657	0.00	397.59	495.01	42.21
116	<input type="checkbox"/>	661	0.00	372.83	495.42	53.12

Phase 2 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.44	60.04
118	<input type="checkbox"/>	677	0.00	408.63	543.44	58.41
119	<input type="checkbox"/>	681	0.00	410.53	543.44	57.59
120	<input type="checkbox"/>	693	0.00	424.36	543.44	51.60
121	<input type="checkbox"/>	697	0.00	425.95	543.44	50.91
122	<input type="checkbox"/>	701	0.00	420.33	543.44	53.34
123	<input type="checkbox"/>	705	0.00	418.20	543.44	54.27
124	<input type="checkbox"/>	709	0.00	415.88	543.44	55.27
125	<input type="checkbox"/>	713	0.00	414.27	543.44	55.97
126	<input type="checkbox"/>	717	0.00	413.98	543.44	56.09
127	<input type="checkbox"/>	741	0.00	420.07	543.44	53.45
128	<input type="checkbox"/>	753	0.00	407.86	543.44	58.74
129	<input type="checkbox"/>	757	0.00	416.30	543.44	55.09
130	<input type="checkbox"/>	761	0.00	421.52	543.44	52.83

Phase 2 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.00	55.50
2	<input type="checkbox"/>	112	0.00	374.62	496.78	52.93
3	<input type="checkbox"/>	116	0.00	378.08	496.59	51.35
4	<input type="checkbox"/>	120	0.00	385.56	496.38	48.02
5	<input type="checkbox"/>	124	0.00	387.85	496.18	46.94
6	<input type="checkbox"/>	128	0.00	390.02	495.97	45.91
7	<input type="checkbox"/>	132	0.00	383.45	495.76	48.66
8	<input type="checkbox"/>	136	0.00	377.67	495.53	51.07
9	<input type="checkbox"/>	144	0.00	382.00	495.30	49.10
10	<input type="checkbox"/>	148	0.00	384.90	495.14	47.76
11	<input type="checkbox"/>	152	575.40	387.06	495.03	46.78
12	<input type="checkbox"/>	156	574.40	387.15	495.01	46.74
13	<input type="checkbox"/>	160	0.00	385.30	495.01	47.53
14	<input type="checkbox"/>	168	0.00	392.25	495.01	44.53
15	<input type="checkbox"/>	176	0.00	377.66	495.09	50.88
16	<input type="checkbox"/>	188	0.00	371.85	494.63	53.20
17	<input type="checkbox"/>	196	0.00	372.77	494.36	52.69
18	<input type="checkbox"/>	204	0.00	368.10	494.06	54.58
19	<input type="checkbox"/>	216	0.00	367.60	493.82	54.69
20	<input type="checkbox"/>	220	0.00	362.39	493.63	56.87
21	<input type="checkbox"/>	232	0.00	361.59	493.40	57.11
22	<input type="checkbox"/>	236	0.00	360.09	493.30	57.72
23	<input type="checkbox"/>	240	0.00	358.49	493.27	58.40
24	<input type="checkbox"/>	244	0.00	358.05	493.27	58.59
25	<input type="checkbox"/>	272	216.20	351.43	488.97	59.60
26	<input type="checkbox"/>	276	530.40	349.80	492.70	61.92
27	<input type="checkbox"/>	288	0.00	375.46	475.10	43.18
28	<input type="checkbox"/>	328	0.00	397.27	495.01	42.35
29	<input type="checkbox"/>	332	0.00	401.51	495.01	40.51

Phase 2 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	495.01	38.04
31	<input type="checkbox"/>	340	0.00	406.47	495.01	38.36
32	<input type="checkbox"/>	344	0.00	404.87	495.01	39.06
33	<input type="checkbox"/>	388	0.00	376.45	496.59	52.05
34	<input type="checkbox"/>	392	0.00	377.15	496.55	51.74
35	<input type="checkbox"/>	396	0.00	378.22	496.52	51.26
36	<input type="checkbox"/>	400	0.00	381.65	496.47	49.75
37	<input type="checkbox"/>	404	0.00	379.03	496.47	50.88
38	<input type="checkbox"/>	472	0.00	352.64	492.78	60.72
39	<input type="checkbox"/>	476	0.00	350.72	492.78	61.56
40	<input type="checkbox"/>	480	0.00	351.63	492.73	61.14
41	<input type="checkbox"/>	528	0.00	361.17	493.38	57.28
42	<input type="checkbox"/>	536	0.00	382.20	495.24	48.98
43	<input type="checkbox"/>	560	0.00	382.50	495.24	48.85
44	<input type="checkbox"/>	592	0.00	382.88	490.61	46.68
45	<input type="checkbox"/>	596	0.00	387.55	495.01	46.56
46	<input type="checkbox"/>	628	207.16	373.74	471.50	42.36
47	<input type="checkbox"/>	636	258.68	360.96	489.64	55.76
48	<input type="checkbox"/>	640	0.00	373.91	494.82	52.39
49	<input type="checkbox"/>	644	0.00	362.08	491.40	56.04
50	<input type="checkbox"/>	648	0.00	381.62	496.15	49.63
51	<input type="checkbox"/>	652	0.00	377.56	496.26	51.43
52	<input type="checkbox"/>	728	0.00	360.55	489.31	55.79
53	<input type="checkbox"/>	732	0.00	361.71	488.67	55.01
54	<input type="checkbox"/>	760	0.00	363.73	488.67	54.14
55	<input type="checkbox"/>	764	0.00	359.47	493.20	57.95
56	<input type="checkbox"/>	768	0.00	357.26	493.12	58.87
57	<input type="checkbox"/>	772	0.00	357.57	493.02	58.69
58	<input type="checkbox"/>	776	0.00	353.17	492.88	60.54

Phase 2 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	216.20	353.68	487.87	58.14
60	<input type="checkbox"/>	269	207.16	374.15	470.81	41.88
61	<input type="checkbox"/>	273	258.68	363.39	486.31	53.26
62	<input type="checkbox"/>	301	0.00	371.42	497.23	54.51
63	<input type="checkbox"/>	305	0.00	379.25	497.44	51.21
64	<input type="checkbox"/>	309	0.00	382.11	497.56	50.03
65	<input type="checkbox"/>	616	0.00	371.92	496.89	54.15
66	<input type="checkbox"/>	385	0.00	385.91	495.01	47.27
67	<input type="checkbox"/>	421	0.00	391.00	496.11	45.54
68	<input type="checkbox"/>	425	0.00	394.08	496.20	44.25
69	<input type="checkbox"/>	429	0.00	383.37	496.38	48.97
70	<input type="checkbox"/>	433	0.00	390.00	496.18	46.01
71	<input type="checkbox"/>	437	0.00	388.00	496.24	46.90
72	<input type="checkbox"/>	441	0.00	382.75	496.31	49.21
73	<input type="checkbox"/>	445	0.00	366.80	496.75	56.31
74	<input type="checkbox"/>	449	0.00	362.01	496.78	58.39
75	<input type="checkbox"/>	457	0.00	363.91	496.82	57.59
76	<input type="checkbox"/>	461	0.00	368.29	496.80	55.68
77	<input type="checkbox"/>	465	0.00	367.39	497.07	56.19
78	<input type="checkbox"/>	469	0.00	369.16	497.23	55.49
79	<input type="checkbox"/>	473	0.00	368.81	497.36	55.70
80	<input type="checkbox"/>	481	0.00	380.00	497.43	50.88
81	<input type="checkbox"/>	485	0.00	384.00	497.05	48.98
82	<input type="checkbox"/>	489	0.00	388.85	496.64	46.70
83	<input type="checkbox"/>	493	0.00	377.57	496.32	51.45
84	<input type="checkbox"/>	497	470.40	379.50	496.28	50.60
85	<input type="checkbox"/>	501	0.00	381.45	496.38	49.80
86	<input type="checkbox"/>	505	0.00	383.49	496.38	48.92
87	<input type="checkbox"/>	509	0.00	379.21	496.73	50.92

Phase 2 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	496.41	49.29
89	<input type="checkbox"/>	525	0.00	375.92	497.43	52.65
90	<input type="checkbox"/>	529	0.00	378.05	497.44	51.73
91	<input type="checkbox"/>	533	0.00	393.75	496.24	44.41
92	<input type="checkbox"/>	537	0.00	388.65	496.18	46.59
93	<input type="checkbox"/>	541	0.00	386.87	496.17	47.36
94	<input type="checkbox"/>	545	0.00	375.12	496.52	52.60
95	<input type="checkbox"/>	549	0.00	389.88	496.29	46.11
96	<input type="checkbox"/>	553	0.00	378.46	496.58	51.18
97	<input type="checkbox"/>	557	0.00	388.94	495.01	45.96
98	<input type="checkbox"/>	561	0.00	397.45	495.01	42.27
99	<input type="checkbox"/>	565	0.00	398.88	495.01	41.65
100	<input type="checkbox"/>	569	0.00	434.83	495.01	26.08
101	<input type="checkbox"/>	573	0.00	417.23	495.01	33.70
102	<input type="checkbox"/>	577	0.00	377.09	497.45	52.15
103	<input type="checkbox"/>	581	0.00	376.80	497.43	52.27
104	<input type="checkbox"/>	585	0.00	382.01	497.05	49.84
105	<input type="checkbox"/>	589	0.00	376.86	497.47	52.26
106	<input type="checkbox"/>	593	0.00	366.64	497.00	56.48
107	<input type="checkbox"/>	597	0.00	367.63	493.82	54.68
108	<input type="checkbox"/>	601	0.00	378.25	496.26	51.14
109	<input type="checkbox"/>	617	0.00	404.84	495.01	39.07
110	<input type="checkbox"/>	621	0.00	430.05	495.01	28.15
111	<input type="checkbox"/>	625	0.00	397.76	495.01	42.14
112	<input type="checkbox"/>	633	10.00	395.99	495.01	42.90
113	<input type="checkbox"/>	637	0.00	462.63	495.01	14.03
114	<input type="checkbox"/>	649	0.00	398.97	495.01	41.61
115	<input type="checkbox"/>	657	0.00	397.59	495.01	42.21
116	<input type="checkbox"/>	661	0.00	372.83	495.42	53.12

Phase 2 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.44	60.04
118	<input type="checkbox"/>	677	0.00	408.63	543.44	58.41
119	<input type="checkbox"/>	681	0.00	410.53	543.44	57.59
120	<input type="checkbox"/>	693	0.00	424.36	543.44	51.60
121	<input type="checkbox"/>	697	0.00	425.95	543.44	50.91
122	<input type="checkbox"/>	701	0.00	420.33	543.44	53.34
123	<input type="checkbox"/>	705	0.00	418.20	543.44	54.27
124	<input type="checkbox"/>	709	0.00	415.88	543.44	55.27
125	<input type="checkbox"/>	713	0.00	414.27	543.44	55.97
126	<input type="checkbox"/>	717	0.00	413.98	543.44	56.09
127	<input type="checkbox"/>	741	0.00	420.07	543.44	53.45
128	<input type="checkbox"/>	753	0.00	407.86	543.44	58.74
129	<input type="checkbox"/>	757	0.00	416.30	543.44	55.09
130	<input type="checkbox"/>	761	0.00	421.52	543.44	52.83

Phase 2 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.47	55.71
2	<input type="checkbox"/>	112	0.00	374.62	497.45	53.22
3	<input type="checkbox"/>	116	0.00	378.08	497.44	51.72
4	<input type="checkbox"/>	120	0.00	385.56	497.43	48.47
5	<input type="checkbox"/>	124	0.00	387.85	497.42	47.48
6	<input type="checkbox"/>	128	0.00	390.02	497.40	46.53
7	<input type="checkbox"/>	132	0.00	383.45	497.40	49.37
8	<input type="checkbox"/>	136	0.00	377.67	497.39	51.87
9	<input type="checkbox"/>	144	0.00	382.00	497.38	49.99
10	<input type="checkbox"/>	148	0.00	384.90	497.38	48.73
11	<input type="checkbox"/>	152	0.00	387.06	497.38	47.80
12	<input type="checkbox"/>	156	0.00	387.15	497.38	47.76
13	<input type="checkbox"/>	160	0.00	385.30	497.38	48.56
14	<input type="checkbox"/>	168	0.00	392.25	497.38	45.55
15	<input type="checkbox"/>	176	0.00	377.66	497.35	51.86
16	<input type="checkbox"/>	188	0.00	371.85	497.28	54.35
17	<input type="checkbox"/>	196	0.00	372.77	497.24	53.93
18	<input type="checkbox"/>	204	0.00	368.10	497.19	55.93
19	<input type="checkbox"/>	216	0.00	367.60	497.16	56.13
20	<input type="checkbox"/>	220	0.00	362.39	497.13	58.38
21	<input type="checkbox"/>	232	0.00	361.59	497.09	58.71
22	<input type="checkbox"/>	236	0.00	360.09	497.06	59.35
23	<input type="checkbox"/>	240	0.00	358.49	497.05	60.04
24	<input type="checkbox"/>	244	0.00	358.05	497.05	60.23
25	<input type="checkbox"/>	272	0.00	351.43	496.87	63.02
26	<input type="checkbox"/>	276	530.40	349.80	496.84	63.71
27	<input type="checkbox"/>	288	0.00	375.46	497.38	52.83
28	<input type="checkbox"/>	328	0.00	397.27	497.38	43.38
29	<input type="checkbox"/>	332	0.00	401.51	497.38	41.54

Phase 2 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.37	39.07
31	<input type="checkbox"/>	340	0.00	406.47	497.37	39.39
32	<input type="checkbox"/>	344	0.00	404.87	497.37	40.08
33	<input type="checkbox"/>	388	0.00	376.45	497.44	52.42
34	<input type="checkbox"/>	392	0.00	377.15	497.44	52.12
35	<input type="checkbox"/>	396	0.00	378.22	497.43	51.65
36	<input type="checkbox"/>	400	0.00	381.65	497.43	50.17
37	<input type="checkbox"/>	404	0.00	379.03	497.43	51.30
38	<input type="checkbox"/>	472	0.00	352.64	496.89	62.50
39	<input type="checkbox"/>	476	0.00	350.72	496.89	63.34
40	<input type="checkbox"/>	480	0.00	351.63	496.87	62.93
41	<input type="checkbox"/>	528	0.00	361.17	497.08	58.89
42	<input type="checkbox"/>	536	0.00	382.20	497.38	49.90
43	<input type="checkbox"/>	560	0.00	382.50	497.38	49.78
44	<input type="checkbox"/>	592	0.00	382.88	497.38	49.61
45	<input type="checkbox"/>	596	0.00	387.55	497.38	47.59
46	<input type="checkbox"/>	628	0.00	373.74	497.38	53.57
47	<input type="checkbox"/>	636	0.00	360.96	497.09	58.99
48	<input type="checkbox"/>	640	0.00	373.91	497.30	53.47
49	<input type="checkbox"/>	644	0.00	362.08	497.09	58.50
50	<input type="checkbox"/>	648	0.00	381.62	497.41	50.17
51	<input type="checkbox"/>	652	0.00	377.56	497.42	51.93
52	<input type="checkbox"/>	728	0.00	360.55	497.09	59.16
53	<input type="checkbox"/>	732	0.00	361.71	497.09	58.66
54	<input type="checkbox"/>	760	0.00	363.73	497.09	57.79
55	<input type="checkbox"/>	764	0.00	359.47	497.03	59.61
56	<input type="checkbox"/>	768	0.00	357.26	497.00	60.55
57	<input type="checkbox"/>	772	0.00	357.57	496.97	60.40
58	<input type="checkbox"/>	776	0.00	353.17	496.92	62.29

Phase 2 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	496.87	62.04
60	<input type="checkbox"/>	269	0.00	374.15	497.38	53.39
61	<input type="checkbox"/>	273	0.00	363.39	497.09	57.93
62	<input type="checkbox"/>	301	0.00	371.42	497.48	54.62
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.46	54.40
66	<input type="checkbox"/>	385	0.00	385.91	497.38	48.30
67	<input type="checkbox"/>	421	0.00	391.00	497.37	46.09
68	<input type="checkbox"/>	425	0.00	394.08	497.39	44.77
69	<input type="checkbox"/>	429	0.00	383.37	497.39	49.41
70	<input type="checkbox"/>	433	0.00	390.00	497.31	46.50
71	<input type="checkbox"/>	437	0.00	388.00	497.26	47.34
72	<input type="checkbox"/>	441	0.00	382.75	497.20	49.59
73	<input type="checkbox"/>	445	0.00	366.80	497.45	56.61
74	<input type="checkbox"/>	449	0.00	362.01	497.45	58.69
75	<input type="checkbox"/>	457	0.00	363.91	497.45	57.86
76	<input type="checkbox"/>	461	0.00	368.29	497.45	55.97
77	<input type="checkbox"/>	465	0.00	367.39	497.47	56.37
78	<input type="checkbox"/>	469	0.00	369.16	497.48	55.60
79	<input type="checkbox"/>	473	0.00	368.81	497.49	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.46	50.90
81	<input type="checkbox"/>	485	0.00	384.00	497.30	49.09
82	<input type="checkbox"/>	489	0.00	388.85	497.19	46.94
83	<input type="checkbox"/>	493	0.00	377.57	497.13	51.81
84	<input type="checkbox"/>	497	470.40	379.50	496.90	50.87
85	<input type="checkbox"/>	501	0.00	381.45	497.43	50.25
86	<input type="checkbox"/>	505	0.00	383.49	497.16	49.25
87	<input type="checkbox"/>	509	0.00	379.21	497.13	51.09

Phase 2 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.14	49.61
89	<input type="checkbox"/>	525	0.00	375.92	497.49	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.75
91	<input type="checkbox"/>	533	0.00	393.75	497.26	44.85
92	<input type="checkbox"/>	537	0.00	388.65	497.41	47.13
93	<input type="checkbox"/>	541	0.00	386.87	497.42	47.90
94	<input type="checkbox"/>	545	0.00	375.12	497.27	52.93
95	<input type="checkbox"/>	549	0.00	389.88	497.39	46.59
96	<input type="checkbox"/>	553	0.00	378.46	497.42	51.54
97	<input type="checkbox"/>	557	0.00	388.94	497.38	46.98
98	<input type="checkbox"/>	561	0.00	397.45	497.38	43.30
99	<input type="checkbox"/>	565	0.00	398.88	497.38	42.68
100	<input type="checkbox"/>	569	0.00	434.83	497.38	27.10
101	<input type="checkbox"/>	573	0.00	417.23	497.38	34.73
102	<input type="checkbox"/>	577	0.00	377.09	497.48	52.16
103	<input type="checkbox"/>	581	0.00	376.80	497.49	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.28	49.95
105	<input type="checkbox"/>	589	0.00	376.86	497.49	52.27
106	<input type="checkbox"/>	593	0.00	366.64	497.47	56.69
107	<input type="checkbox"/>	597	0.00	367.63	497.16	56.12
108	<input type="checkbox"/>	601	0.00	378.25	497.42	51.64
109	<input type="checkbox"/>	617	0.00	404.84	497.38	40.10
110	<input type="checkbox"/>	621	0.00	430.05	497.38	29.17
111	<input type="checkbox"/>	625	0.00	397.76	497.38	43.16
112	<input type="checkbox"/>	633	10.00	395.99	497.38	43.93
113	<input type="checkbox"/>	637	0.00	462.63	497.38	15.06
114	<input type="checkbox"/>	649	0.00	398.97	497.38	42.64
115	<input type="checkbox"/>	657	0.00	397.59	497.38	43.24
116	<input type="checkbox"/>	661	0.00	372.83	497.38	53.97

Phase 2 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.36	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
119	<input type="checkbox"/>	681	0.00	410.53	543.36	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.36	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
125	<input type="checkbox"/>	713	0.00	414.27	543.36	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.36	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.36	52.79

Phase 2 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.46	55.71
2	<input type="checkbox"/>	112	0.00	374.62	497.45	53.22
3	<input type="checkbox"/>	116	0.00	378.08	497.44	51.72
4	<input type="checkbox"/>	120	0.00	385.56	497.43	48.47
5	<input type="checkbox"/>	124	0.00	387.85	497.41	47.47
6	<input type="checkbox"/>	128	0.00	390.02	497.40	46.53
7	<input type="checkbox"/>	132	0.00	383.45	497.39	49.37
8	<input type="checkbox"/>	136	0.00	377.67	497.38	51.87
9	<input type="checkbox"/>	144	0.00	382.00	497.37	49.99
10	<input type="checkbox"/>	148	0.00	384.90	497.37	48.73
11	<input type="checkbox"/>	152	0.00	387.06	497.37	47.80
12	<input type="checkbox"/>	156	0.00	387.15	497.37	47.76
13	<input type="checkbox"/>	160	0.00	385.30	497.37	48.56
14	<input type="checkbox"/>	168	0.00	392.25	497.37	45.55
15	<input type="checkbox"/>	176	0.00	377.66	497.34	51.86
16	<input type="checkbox"/>	188	0.00	371.85	497.27	54.35
17	<input type="checkbox"/>	196	0.00	372.77	497.23	53.93
18	<input type="checkbox"/>	204	0.00	368.10	497.19	55.93
19	<input type="checkbox"/>	216	0.00	367.60	497.15	56.13
20	<input type="checkbox"/>	220	0.00	362.39	497.13	58.38
21	<input type="checkbox"/>	232	0.00	361.59	497.09	58.71
22	<input type="checkbox"/>	236	0.00	360.09	497.06	59.35
23	<input type="checkbox"/>	240	0.00	358.49	497.05	60.04
24	<input type="checkbox"/>	244	0.00	358.05	497.05	60.23
25	<input type="checkbox"/>	272	0.00	351.43	496.87	63.02
26	<input type="checkbox"/>	276	530.40	349.80	496.84	63.71
27	<input type="checkbox"/>	288	0.00	375.46	497.37	52.83
28	<input type="checkbox"/>	328	0.00	397.27	497.37	43.38
29	<input type="checkbox"/>	332	0.00	401.51	497.37	41.54

Phase 2 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.37	39.07
31	<input type="checkbox"/>	340	0.00	406.47	497.37	39.39
32	<input type="checkbox"/>	344	0.00	404.87	497.37	40.08
33	<input type="checkbox"/>	388	0.00	376.45	497.44	52.42
34	<input type="checkbox"/>	392	0.00	377.15	497.44	52.12
35	<input type="checkbox"/>	396	0.00	378.22	497.43	51.65
36	<input type="checkbox"/>	400	0.00	381.65	497.43	50.17
37	<input type="checkbox"/>	404	0.00	379.03	497.43	51.30
38	<input type="checkbox"/>	472	0.00	352.64	496.89	62.50
39	<input type="checkbox"/>	476	0.00	350.72	496.89	63.34
40	<input type="checkbox"/>	480	0.00	351.63	496.87	62.93
41	<input type="checkbox"/>	528	0.00	361.17	497.08	58.89
42	<input type="checkbox"/>	536	0.00	382.20	497.37	49.90
43	<input type="checkbox"/>	560	0.00	382.50	497.37	49.78
44	<input type="checkbox"/>	592	0.00	382.88	497.37	49.61
45	<input type="checkbox"/>	596	0.00	387.55	497.37	47.59
46	<input type="checkbox"/>	628	0.00	373.74	497.37	53.57
47	<input type="checkbox"/>	636	0.00	360.96	497.09	58.99
48	<input type="checkbox"/>	640	0.00	373.91	497.30	53.47
49	<input type="checkbox"/>	644	0.00	362.08	497.09	58.50
50	<input type="checkbox"/>	648	0.00	381.62	497.41	50.17
51	<input type="checkbox"/>	652	0.00	377.56	497.42	51.93
52	<input type="checkbox"/>	728	0.00	360.55	497.09	59.16
53	<input type="checkbox"/>	732	0.00	361.71	497.09	58.66
54	<input type="checkbox"/>	760	0.00	363.73	497.09	57.79
55	<input type="checkbox"/>	764	0.00	359.47	497.02	59.60
56	<input type="checkbox"/>	768	0.00	357.26	497.00	60.55
57	<input type="checkbox"/>	772	0.00	357.57	496.96	60.40
58	<input type="checkbox"/>	776	0.00	353.17	496.92	62.29

Phase 2 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	496.87	62.04
60	<input type="checkbox"/>	269	0.00	374.15	497.37	53.39
61	<input type="checkbox"/>	273	0.00	363.39	497.09	57.93
62	<input type="checkbox"/>	301	0.00	371.42	497.48	54.62
63	<input type="checkbox"/>	305	0.00	379.25	497.49	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.46	54.40
66	<input type="checkbox"/>	385	0.00	385.91	497.37	48.30
67	<input type="checkbox"/>	421	0.00	391.00	497.37	46.09
68	<input type="checkbox"/>	425	0.00	394.08	497.39	44.77
69	<input type="checkbox"/>	429	0.00	383.37	497.39	49.40
70	<input type="checkbox"/>	433	0.00	390.00	497.31	46.50
71	<input type="checkbox"/>	437	0.00	388.00	497.26	47.34
72	<input type="checkbox"/>	441	0.00	382.75	497.20	49.59
73	<input type="checkbox"/>	445	0.00	366.80	497.45	56.61
74	<input type="checkbox"/>	449	0.00	362.01	497.45	58.69
75	<input type="checkbox"/>	457	0.00	363.91	497.45	57.86
76	<input type="checkbox"/>	461	0.00	368.29	497.45	55.97
77	<input type="checkbox"/>	465	0.00	367.39	497.47	56.37
78	<input type="checkbox"/>	469	0.00	369.16	497.48	55.60
79	<input type="checkbox"/>	473	0.00	368.81	497.49	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.46	50.90
81	<input type="checkbox"/>	485	0.00	384.00	497.30	49.09
82	<input type="checkbox"/>	489	0.00	388.85	497.19	46.94
83	<input type="checkbox"/>	493	0.00	377.57	497.13	51.81
84	<input type="checkbox"/>	497	470.40	379.50	496.90	50.87
85	<input type="checkbox"/>	501	0.00	381.45	497.43	50.25
86	<input type="checkbox"/>	505	0.00	383.49	497.15	49.25
87	<input type="checkbox"/>	509	0.00	379.21	497.12	51.09

Phase 2 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.14	49.61
89	<input type="checkbox"/>	525	0.00	375.92	497.49	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.49	51.75
91	<input type="checkbox"/>	533	0.00	393.75	497.26	44.85
92	<input type="checkbox"/>	537	0.00	388.65	497.41	47.13
93	<input type="checkbox"/>	541	0.00	386.87	497.41	47.90
94	<input type="checkbox"/>	545	0.00	375.12	497.27	52.93
95	<input type="checkbox"/>	549	0.00	389.88	497.39	46.59
96	<input type="checkbox"/>	553	0.00	378.46	497.42	51.54
97	<input type="checkbox"/>	557	0.00	388.94	497.37	46.98
98	<input type="checkbox"/>	561	0.00	397.45	497.37	43.30
99	<input type="checkbox"/>	565	0.00	398.88	497.37	42.68
100	<input type="checkbox"/>	569	0.00	434.83	497.37	27.10
101	<input type="checkbox"/>	573	0.00	417.23	497.37	34.73
102	<input type="checkbox"/>	577	0.00	377.09	497.48	52.16
103	<input type="checkbox"/>	581	0.00	376.80	497.49	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.28	49.95
105	<input type="checkbox"/>	589	0.00	376.86	497.49	52.27
106	<input type="checkbox"/>	593	0.00	366.64	497.46	56.69
107	<input type="checkbox"/>	597	0.00	367.63	497.15	56.12
108	<input type="checkbox"/>	601	0.00	378.25	497.42	51.64
109	<input type="checkbox"/>	617	0.00	404.84	497.37	40.09
110	<input type="checkbox"/>	621	0.00	430.05	497.37	29.17
111	<input type="checkbox"/>	625	0.00	397.76	497.37	43.16
112	<input type="checkbox"/>	633	10.00	395.99	497.37	43.93
113	<input type="checkbox"/>	637	0.00	462.63	497.37	15.06
114	<input type="checkbox"/>	649	0.00	398.97	497.37	42.64
115	<input type="checkbox"/>	657	0.00	397.59	497.37	43.24
116	<input type="checkbox"/>	661	0.00	372.83	497.38	53.97

Phase 2 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.36	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
119	<input type="checkbox"/>	681	0.00	410.53	543.36	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.36	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
125	<input type="checkbox"/>	713	0.00	414.27	543.36	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.36	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.36	52.79

Phase 2 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.47	55.71
2	<input type="checkbox"/>	112	0.00	374.62	497.45	53.22
3	<input type="checkbox"/>	116	0.00	378.08	497.44	51.72
4	<input type="checkbox"/>	120	0.00	385.56	497.43	48.47
5	<input type="checkbox"/>	124	0.00	387.85	497.42	47.48
6	<input type="checkbox"/>	128	0.00	390.02	497.40	46.53
7	<input type="checkbox"/>	132	0.00	383.45	497.40	49.37
8	<input type="checkbox"/>	136	0.00	377.67	497.39	51.87
9	<input type="checkbox"/>	144	0.00	382.00	497.38	49.99
10	<input type="checkbox"/>	148	0.00	384.90	497.38	48.73
11	<input type="checkbox"/>	152	0.00	387.06	497.38	47.80
12	<input type="checkbox"/>	156	0.00	387.15	497.38	47.76
13	<input type="checkbox"/>	160	0.00	385.30	497.38	48.56
14	<input type="checkbox"/>	168	0.00	392.25	497.38	45.55
15	<input type="checkbox"/>	176	0.00	377.66	497.35	51.86
16	<input type="checkbox"/>	188	0.00	371.85	497.28	54.35
17	<input type="checkbox"/>	196	0.00	372.77	497.24	53.93
18	<input type="checkbox"/>	204	0.00	368.10	497.19	55.93
19	<input type="checkbox"/>	216	0.00	367.60	497.16	56.13
20	<input type="checkbox"/>	220	0.00	362.39	497.13	58.38
21	<input type="checkbox"/>	232	0.00	361.59	497.09	58.71
22	<input type="checkbox"/>	236	0.00	360.09	497.06	59.35
23	<input type="checkbox"/>	240	0.00	358.49	497.05	60.04
24	<input type="checkbox"/>	244	0.00	358.05	497.05	60.23
25	<input type="checkbox"/>	272	0.00	351.43	496.87	63.02
26	<input type="checkbox"/>	276	530.40	349.80	496.84	63.71
27	<input type="checkbox"/>	288	0.00	375.46	497.38	52.83
28	<input type="checkbox"/>	328	0.00	397.27	497.38	43.38
29	<input type="checkbox"/>	332	0.00	401.51	497.38	41.54

Phase 2 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.37	39.07
31	<input type="checkbox"/>	340	0.00	406.47	497.37	39.39
32	<input type="checkbox"/>	344	0.00	404.87	497.37	40.08
33	<input type="checkbox"/>	388	0.00	376.45	497.44	52.42
34	<input type="checkbox"/>	392	0.00	377.15	497.44	52.12
35	<input type="checkbox"/>	396	0.00	378.22	497.43	51.65
36	<input type="checkbox"/>	400	0.00	381.65	497.43	50.17
37	<input type="checkbox"/>	404	0.00	379.03	497.43	51.30
38	<input type="checkbox"/>	472	0.00	352.64	496.89	62.50
39	<input type="checkbox"/>	476	0.00	350.72	496.89	63.34
40	<input type="checkbox"/>	480	0.00	351.63	496.87	62.93
41	<input type="checkbox"/>	528	0.00	361.17	497.08	58.89
42	<input type="checkbox"/>	536	0.00	382.20	497.38	49.90
43	<input type="checkbox"/>	560	0.00	382.50	497.38	49.78
44	<input type="checkbox"/>	592	0.00	382.88	497.38	49.61
45	<input type="checkbox"/>	596	0.00	387.55	497.38	47.59
46	<input type="checkbox"/>	628	0.00	373.74	497.38	53.57
47	<input type="checkbox"/>	636	0.00	360.96	497.09	58.99
48	<input type="checkbox"/>	640	0.00	373.91	497.30	53.47
49	<input type="checkbox"/>	644	0.00	362.08	497.09	58.50
50	<input type="checkbox"/>	648	0.00	381.62	497.41	50.17
51	<input type="checkbox"/>	652	0.00	377.56	497.42	51.93
52	<input type="checkbox"/>	728	0.00	360.55	497.09	59.16
53	<input type="checkbox"/>	732	0.00	361.71	497.09	58.66
54	<input type="checkbox"/>	760	0.00	363.73	497.09	57.79
55	<input type="checkbox"/>	764	0.00	359.47	497.03	59.61
56	<input type="checkbox"/>	768	0.00	357.26	497.00	60.55
57	<input type="checkbox"/>	772	0.00	357.57	496.97	60.40
58	<input type="checkbox"/>	776	0.00	353.17	496.92	62.29

Phase 2 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	496.87	62.04
60	<input type="checkbox"/>	269	0.00	374.15	497.38	53.39
61	<input type="checkbox"/>	273	0.00	363.39	497.09	57.93
62	<input type="checkbox"/>	301	0.00	371.42	497.48	54.62
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.46	54.40
66	<input type="checkbox"/>	385	0.00	385.91	497.38	48.30
67	<input type="checkbox"/>	421	0.00	391.00	497.37	46.09
68	<input type="checkbox"/>	425	0.00	394.08	497.39	44.77
69	<input type="checkbox"/>	429	0.00	383.37	497.39	49.41
70	<input type="checkbox"/>	433	0.00	390.00	497.31	46.50
71	<input type="checkbox"/>	437	0.00	388.00	497.26	47.34
72	<input type="checkbox"/>	441	0.00	382.75	497.20	49.59
73	<input type="checkbox"/>	445	0.00	366.80	497.45	56.61
74	<input type="checkbox"/>	449	0.00	362.01	497.45	58.69
75	<input type="checkbox"/>	457	0.00	363.91	497.45	57.86
76	<input type="checkbox"/>	461	0.00	368.29	497.45	55.97
77	<input type="checkbox"/>	465	0.00	367.39	497.47	56.37
78	<input type="checkbox"/>	469	0.00	369.16	497.48	55.60
79	<input type="checkbox"/>	473	0.00	368.81	497.49	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.46	50.90
81	<input type="checkbox"/>	485	0.00	384.00	497.30	49.09
82	<input type="checkbox"/>	489	0.00	388.85	497.19	46.94
83	<input type="checkbox"/>	493	0.00	377.57	497.13	51.81
84	<input type="checkbox"/>	497	470.40	379.50	496.90	50.87
85	<input type="checkbox"/>	501	0.00	381.45	497.43	50.25
86	<input type="checkbox"/>	505	0.00	383.49	497.16	49.25
87	<input type="checkbox"/>	509	0.00	379.21	497.13	51.09

Phase 2 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.14	49.61
89	<input type="checkbox"/>	525	0.00	375.92	497.49	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.75
91	<input type="checkbox"/>	533	0.00	393.75	497.26	44.85
92	<input type="checkbox"/>	537	0.00	388.65	497.41	47.13
93	<input type="checkbox"/>	541	0.00	386.87	497.42	47.90
94	<input type="checkbox"/>	545	0.00	375.12	497.27	52.93
95	<input type="checkbox"/>	549	0.00	389.88	497.39	46.59
96	<input type="checkbox"/>	553	0.00	378.46	497.42	51.54
97	<input type="checkbox"/>	557	0.00	388.94	497.38	46.98
98	<input type="checkbox"/>	561	0.00	397.45	497.38	43.30
99	<input type="checkbox"/>	565	0.00	398.88	497.38	42.68
100	<input type="checkbox"/>	569	0.00	434.83	497.38	27.10
101	<input type="checkbox"/>	573	0.00	417.23	497.38	34.73
102	<input type="checkbox"/>	577	0.00	377.09	497.48	52.16
103	<input type="checkbox"/>	581	0.00	376.80	497.49	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.28	49.95
105	<input type="checkbox"/>	589	0.00	376.86	497.49	52.27
106	<input type="checkbox"/>	593	0.00	366.64	497.47	56.69
107	<input type="checkbox"/>	597	0.00	367.63	497.16	56.12
108	<input type="checkbox"/>	601	0.00	378.25	497.42	51.64
109	<input type="checkbox"/>	617	0.00	404.84	497.38	40.10
110	<input type="checkbox"/>	621	0.00	430.05	497.38	29.17
111	<input type="checkbox"/>	625	0.00	397.76	497.38	43.16
112	<input type="checkbox"/>	633	10.00	395.99	497.38	43.93
113	<input type="checkbox"/>	637	0.00	462.63	497.38	15.06
114	<input type="checkbox"/>	649	0.00	398.97	497.38	42.64
115	<input type="checkbox"/>	657	0.00	397.59	497.38	43.24
116	<input type="checkbox"/>	661	0.00	372.83	497.38	53.97

Phase 2 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.36	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
119	<input type="checkbox"/>	681	0.00	410.53	543.36	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.36	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
125	<input type="checkbox"/>	713	0.00	414.27	543.36	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.36	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.36	52.79

Phase 2 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.47	55.71
2	<input type="checkbox"/>	112	0.00	374.62	497.45	53.22
3	<input type="checkbox"/>	116	0.00	378.08	497.44	51.72
4	<input type="checkbox"/>	120	0.00	385.56	497.43	48.47
5	<input type="checkbox"/>	124	0.00	387.85	497.42	47.48
6	<input type="checkbox"/>	128	0.00	390.02	497.40	46.53
7	<input type="checkbox"/>	132	0.00	383.45	497.40	49.37
8	<input type="checkbox"/>	136	0.00	377.67	497.39	51.87
9	<input type="checkbox"/>	144	0.00	382.00	497.38	49.99
10	<input type="checkbox"/>	148	0.00	384.90	497.38	48.73
11	<input type="checkbox"/>	152	0.00	387.06	497.38	47.80
12	<input type="checkbox"/>	156	0.00	387.15	497.38	47.76
13	<input type="checkbox"/>	160	0.00	385.30	497.38	48.56
14	<input type="checkbox"/>	168	0.00	392.25	497.38	45.55
15	<input type="checkbox"/>	176	0.00	377.66	497.35	51.86
16	<input type="checkbox"/>	188	0.00	371.85	497.28	54.35
17	<input type="checkbox"/>	196	0.00	372.77	497.24	53.93
18	<input type="checkbox"/>	204	0.00	368.10	497.19	55.93
19	<input type="checkbox"/>	216	0.00	367.60	497.16	56.13
20	<input type="checkbox"/>	220	0.00	362.39	497.13	58.38
21	<input type="checkbox"/>	232	0.00	361.59	497.09	58.71
22	<input type="checkbox"/>	236	0.00	360.09	497.06	59.35
23	<input type="checkbox"/>	240	0.00	358.49	497.05	60.04
24	<input type="checkbox"/>	244	0.00	358.05	497.05	60.23
25	<input type="checkbox"/>	272	0.00	351.43	496.87	63.02
26	<input type="checkbox"/>	276	530.40	349.80	496.84	63.71
27	<input type="checkbox"/>	288	0.00	375.46	497.38	52.83
28	<input type="checkbox"/>	328	0.00	397.27	497.38	43.38
29	<input type="checkbox"/>	332	0.00	401.51	497.38	41.54

Phase 2 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.37	39.07
31	<input type="checkbox"/>	340	0.00	406.47	497.37	39.39
32	<input type="checkbox"/>	344	0.00	404.87	497.37	40.08
33	<input type="checkbox"/>	388	0.00	376.45	497.44	52.42
34	<input type="checkbox"/>	392	0.00	377.15	497.44	52.12
35	<input type="checkbox"/>	396	0.00	378.22	497.43	51.65
36	<input type="checkbox"/>	400	0.00	381.65	497.43	50.17
37	<input type="checkbox"/>	404	0.00	379.03	497.43	51.30
38	<input type="checkbox"/>	472	0.00	352.64	496.89	62.50
39	<input type="checkbox"/>	476	0.00	350.72	496.89	63.34
40	<input type="checkbox"/>	480	0.00	351.63	496.87	62.93
41	<input type="checkbox"/>	528	0.00	361.17	497.08	58.89
42	<input type="checkbox"/>	536	0.00	382.20	497.38	49.90
43	<input type="checkbox"/>	560	0.00	382.50	497.38	49.78
44	<input type="checkbox"/>	592	0.00	382.88	497.38	49.61
45	<input type="checkbox"/>	596	0.00	387.55	497.38	47.59
46	<input type="checkbox"/>	628	0.00	373.74	497.38	53.57
47	<input type="checkbox"/>	636	0.00	360.96	497.09	58.99
48	<input type="checkbox"/>	640	0.00	373.91	497.30	53.47
49	<input type="checkbox"/>	644	0.00	362.08	497.09	58.50
50	<input type="checkbox"/>	648	0.00	381.62	497.41	50.17
51	<input type="checkbox"/>	652	0.00	377.56	497.42	51.93
52	<input type="checkbox"/>	728	0.00	360.55	497.09	59.16
53	<input type="checkbox"/>	732	0.00	361.71	497.09	58.66
54	<input type="checkbox"/>	760	0.00	363.73	497.09	57.79
55	<input type="checkbox"/>	764	0.00	359.47	497.03	59.61
56	<input type="checkbox"/>	768	0.00	357.26	497.00	60.55
57	<input type="checkbox"/>	772	0.00	357.57	496.97	60.40
58	<input type="checkbox"/>	776	0.00	353.17	496.92	62.29

Phase 2 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	496.87	62.04
60	<input type="checkbox"/>	269	0.00	374.15	497.38	53.39
61	<input type="checkbox"/>	273	0.00	363.39	497.09	57.93
62	<input type="checkbox"/>	301	0.00	371.42	497.48	54.62
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.46	54.40
66	<input type="checkbox"/>	385	0.00	385.91	497.38	48.30
67	<input type="checkbox"/>	421	0.00	391.00	497.37	46.09
68	<input type="checkbox"/>	425	0.00	394.08	497.39	44.77
69	<input type="checkbox"/>	429	0.00	383.37	497.39	49.41
70	<input type="checkbox"/>	433	0.00	390.00	497.31	46.50
71	<input type="checkbox"/>	437	0.00	388.00	497.26	47.34
72	<input type="checkbox"/>	441	0.00	382.75	497.20	49.59
73	<input type="checkbox"/>	445	0.00	366.80	497.45	56.61
74	<input type="checkbox"/>	449	0.00	362.01	497.45	58.69
75	<input type="checkbox"/>	457	0.00	363.91	497.45	57.86
76	<input type="checkbox"/>	461	0.00	368.29	497.45	55.97
77	<input type="checkbox"/>	465	0.00	367.39	497.47	56.37
78	<input type="checkbox"/>	469	0.00	369.16	497.48	55.60
79	<input type="checkbox"/>	473	0.00	368.81	497.49	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.46	50.90
81	<input type="checkbox"/>	485	0.00	384.00	497.30	49.09
82	<input type="checkbox"/>	489	0.00	388.85	497.19	46.94
83	<input type="checkbox"/>	493	0.00	377.57	497.13	51.81
84	<input type="checkbox"/>	497	470.40	379.50	496.90	50.87
85	<input type="checkbox"/>	501	0.00	381.45	497.43	50.25
86	<input type="checkbox"/>	505	0.00	383.49	497.16	49.25
87	<input type="checkbox"/>	509	0.00	379.21	497.13	51.09

Phase 2 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.14	49.61
89	<input type="checkbox"/>	525	0.00	375.92	497.49	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.75
91	<input type="checkbox"/>	533	0.00	393.75	497.26	44.85
92	<input type="checkbox"/>	537	0.00	388.65	497.41	47.13
93	<input type="checkbox"/>	541	0.00	386.87	497.42	47.90
94	<input type="checkbox"/>	545	0.00	375.12	497.27	52.93
95	<input type="checkbox"/>	549	0.00	389.88	497.39	46.59
96	<input type="checkbox"/>	553	0.00	378.46	497.42	51.54
97	<input type="checkbox"/>	557	0.00	388.94	497.38	46.98
98	<input type="checkbox"/>	561	0.00	397.45	497.38	43.30
99	<input type="checkbox"/>	565	0.00	398.88	497.38	42.68
100	<input type="checkbox"/>	569	0.00	434.83	497.38	27.10
101	<input type="checkbox"/>	573	0.00	417.23	497.38	34.73
102	<input type="checkbox"/>	577	0.00	377.09	497.48	52.16
103	<input type="checkbox"/>	581	0.00	376.80	497.49	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.28	49.95
105	<input type="checkbox"/>	589	0.00	376.86	497.49	52.27
106	<input type="checkbox"/>	593	0.00	366.64	497.47	56.69
107	<input type="checkbox"/>	597	0.00	367.63	497.16	56.12
108	<input type="checkbox"/>	601	0.00	378.25	497.42	51.64
109	<input type="checkbox"/>	617	0.00	404.84	497.38	40.10
110	<input type="checkbox"/>	621	0.00	430.05	497.38	29.17
111	<input type="checkbox"/>	625	0.00	397.76	497.38	43.16
112	<input type="checkbox"/>	633	10.00	395.99	497.38	43.93
113	<input type="checkbox"/>	637	0.00	462.63	497.38	15.06
114	<input type="checkbox"/>	649	0.00	398.97	497.38	42.64
115	<input type="checkbox"/>	657	0.00	397.59	497.38	43.24
116	<input type="checkbox"/>	661	0.00	372.83	497.38	53.97

Phase 2 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.36	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.36	58.38
119	<input type="checkbox"/>	681	0.00	410.53	543.36	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.36	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.36	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.36	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.36	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.36	55.24
125	<input type="checkbox"/>	713	0.00	414.27	543.36	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.36	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.36	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.36	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.36	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.36	52.79

Phase 2 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
28	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
29	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59

Phase 2 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
31	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
32	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
33	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
34	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
35	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
36	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
37	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
38	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
39	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
40	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
41	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
42	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
43	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
44	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
45	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
46	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
47	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
48	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
49	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
50	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
51	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
52	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
53	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
54	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
55	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
56	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77
57	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
58	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54

Phase 2 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
60	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
61	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
62	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
66	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
67	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
68	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
69	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
70	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
71	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
72	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
73	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
74	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
75	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
76	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
77	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
78	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
79	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
81	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
82	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
83	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
84	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
85	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
86	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
87	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26

Phase 2 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
89	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
91	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
92	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
93	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
94	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
95	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
96	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
97	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
98	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
99	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
100	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
101	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
102	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
103	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
105	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
106	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
107	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
108	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
109	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
110	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
111	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
112	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
113	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
114	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
115	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
116	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02

Phase 2 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
119	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
125	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 2 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
28	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
29	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59

Phase 2 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
31	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
32	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
33	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
34	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
35	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
36	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
37	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
38	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
39	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
40	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
41	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
42	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
43	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
44	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
45	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
46	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
47	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
48	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
49	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
50	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
51	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
52	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
53	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
54	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
55	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
56	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77
57	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
58	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54

Phase 2 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
60	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
61	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
62	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
66	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
67	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
68	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
69	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
70	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
71	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
72	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
73	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
74	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
75	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
76	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
77	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
78	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
79	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
81	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
82	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
83	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
84	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
85	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
86	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
87	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26

Phase 2 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
89	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
91	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
92	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
93	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
94	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
95	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
96	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
97	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
98	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
99	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
100	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
101	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
102	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
103	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
105	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
106	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
107	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
108	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
109	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
110	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
111	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
112	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
113	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
114	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
115	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
116	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02

Phase 2 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
119	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
125	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 2 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
28	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
29	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59

Phase 2 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
31	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
32	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
33	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
34	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
35	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
36	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
37	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
38	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
39	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
40	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
41	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
42	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
43	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
44	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
45	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
46	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
47	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
48	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
49	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
50	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
51	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
52	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
53	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
54	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
55	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
56	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77
57	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
58	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54

Phase 2 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
60	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
61	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
62	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
66	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
67	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
68	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
69	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
70	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
71	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
72	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
73	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
74	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
75	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
76	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
77	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
78	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
79	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
81	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
82	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
83	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
84	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
85	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
86	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
87	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26

Phase 2 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
89	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
91	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
92	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
93	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
94	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
95	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
96	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
97	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
98	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
99	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
100	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
101	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
102	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
103	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
105	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
106	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
107	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
108	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
109	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
110	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
111	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
112	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
113	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
114	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
115	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
116	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02

Phase 2 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
119	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
125	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 2 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
28	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
29	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59

Phase 2 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
31	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
32	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
33	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
34	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
35	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
36	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
37	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
38	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
39	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
40	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
41	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
42	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
43	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
44	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
45	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
46	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
47	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
48	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
49	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
50	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
51	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
52	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
53	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
54	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
55	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
56	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77
57	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
58	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54

Phase 2 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
60	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
61	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
62	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
66	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
67	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
68	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
69	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
70	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
71	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
72	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
73	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
74	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
75	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
76	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
77	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
78	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
79	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
81	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
82	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
83	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
84	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
85	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
86	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
87	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26

Phase 2 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
89	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
91	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
92	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
93	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
94	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
95	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
96	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
97	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
98	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
99	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
100	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
101	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
102	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
103	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
105	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
106	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
107	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
108	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
109	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
110	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
111	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
112	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
113	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
114	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
115	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
116	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02

Phase 2 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
119	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
125	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 2 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
28	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43
29	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59

Phase 2 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
31	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
32	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
33	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
34	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
35	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
36	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
37	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
38	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
39	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
40	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
41	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
42	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
43	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
44	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
45	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
46	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
47	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
48	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
49	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
50	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
51	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
52	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
53	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
54	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
55	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
56	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77
57	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
58	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54

Phase 2 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
60	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
61	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
62	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
63	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
64	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
65	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
66	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
67	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
68	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
69	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
70	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
71	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
72	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
73	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
74	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
75	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
76	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
77	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
78	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
79	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
80	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
81	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
82	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
83	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
84	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
85	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28
86	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
87	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26

Phase 2 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
89	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
90	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
91	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
92	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
93	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
94	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
95	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
96	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
97	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
98	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
99	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
100	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
101	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
102	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
103	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
104	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
105	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
106	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
107	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
108	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
109	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
110	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
111	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
112	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
113	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
114	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69
115	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
116	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02

Phase 2 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
118	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
119	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
120	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
121	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
122	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
123	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
124	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
125	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
126	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
127	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
128	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
129	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
130	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 2 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	495.06	54.67
2	<input type="checkbox"/>	112	167.43	374.62	494.41	51.91
3	<input type="checkbox"/>	116	129.78	378.08	494.03	50.24
4	<input type="checkbox"/>	120	217.38	385.56	493.73	46.87
5	<input type="checkbox"/>	124	147.93	387.85	493.50	45.78
6	<input type="checkbox"/>	128	88.86	390.02	493.37	44.78
7	<input type="checkbox"/>	132	38.55	383.45	493.27	47.59
8	<input type="checkbox"/>	136	0.00	377.67	493.20	50.06
9	<input type="checkbox"/>	144	0.00	382.00	493.12	48.15
10	<input type="checkbox"/>	148	0.00	384.90	493.10	46.88
11	<input type="checkbox"/>	152	0.00	387.06	493.09	45.94
12	<input type="checkbox"/>	156	0.00	387.15	493.08	45.90
13	<input type="checkbox"/>	160	0.00	385.30	493.08	46.70
14	<input type="checkbox"/>	168	0.00	392.25	493.07	43.69
15	<input type="checkbox"/>	176	0.00	377.66	492.99	49.97
16	<input type="checkbox"/>	188	0.00	371.85	492.72	52.37
17	<input type="checkbox"/>	196	0.00	372.77	492.60	51.92
18	<input type="checkbox"/>	204	0.00	368.10	492.45	53.88
19	<input type="checkbox"/>	216	249.42	367.60	491.39	53.64
20	<input type="checkbox"/>	220	0.00	362.39	492.28	56.28
21	<input type="checkbox"/>	232	0.00	361.59	492.22	56.60
22	<input type="checkbox"/>	236	0.00	360.09	492.21	57.25
23	<input type="checkbox"/>	240	0.00	358.49	492.21	57.94
24	<input type="checkbox"/>	244	76.86	358.05	492.09	58.08
25	<input type="checkbox"/>	272	0.00	351.43	492.18	60.99
26	<input type="checkbox"/>	276	0.00	349.80	492.18	61.69
27	<input type="checkbox"/>	288	0.00	375.46	493.08	50.97
28	<input type="checkbox"/>	328	0.00	397.27	492.88	41.43
29	<input type="checkbox"/>	332	32.92	401.51	492.78	39.55

Phase 2 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	492.70	37.04
31	<input type="checkbox"/>	340	0.00	406.47	492.67	37.35
32	<input type="checkbox"/>	344	0.00	404.87	492.64	38.03
33	<input type="checkbox"/>	388	100.11	376.45	491.69	49.93
34	<input type="checkbox"/>	392	150.73	377.15	491.28	49.45
35	<input type="checkbox"/>	396	51.45	378.22	491.26	48.98
36	<input type="checkbox"/>	400	0.00	381.65	491.26	47.50
37	<input type="checkbox"/>	404	61.01	379.03	491.17	48.59
38	<input type="checkbox"/>	472	105.25	352.64	492.18	60.46
39	<input type="checkbox"/>	476	74.19	350.72	492.11	61.27
40	<input type="checkbox"/>	480	0.00	351.63	492.18	60.90
41	<input type="checkbox"/>	528	5.24	361.17	492.21	56.78
42	<input type="checkbox"/>	536	162.37	382.20	493.01	48.01
43	<input type="checkbox"/>	560	0.00	382.50	493.11	47.93
44	<input type="checkbox"/>	592	0.00	382.88	493.08	47.75
45	<input type="checkbox"/>	596	209.02	387.55	489.67	44.25
46	<input type="checkbox"/>	628	0.00	373.74	493.08	51.71
47	<input type="checkbox"/>	636	0.00	360.96	488.88	55.43
48	<input type="checkbox"/>	640	154.26	373.91	492.82	51.52
49	<input type="checkbox"/>	644	0.00	362.08	490.45	55.62
50	<input type="checkbox"/>	648	89.16	381.62	492.19	47.91
51	<input type="checkbox"/>	652	173.14	377.56	491.13	49.21
52	<input type="checkbox"/>	728	0.00	360.55	487.81	55.14
53	<input type="checkbox"/>	732	0.00	361.71	485.77	53.76
54	<input type="checkbox"/>	760	485.11	363.73	480.95	50.79
55	<input type="checkbox"/>	764	0.00	359.47	492.20	57.51
56	<input type="checkbox"/>	768	0.00	357.26	492.20	58.47
57	<input type="checkbox"/>	772	0.00	357.57	492.19	58.33
58	<input type="checkbox"/>	776	0.00	353.17	492.19	60.24

Phase 2 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	492.18	60.01
60	<input type="checkbox"/>	269	0.00	374.15	493.08	51.53
61	<input type="checkbox"/>	273	0.00	363.39	485.77	53.03
62	<input type="checkbox"/>	301	189.60	371.42	495.99	53.97
63	<input type="checkbox"/>	305	182.76	379.25	496.94	51.00
64	<input type="checkbox"/>	309	0.00	382.11	497.54	50.02
65	<input type="checkbox"/>	616	1,290.17	371.92	494.66	53.18
66	<input type="checkbox"/>	385	0.00	385.91	490.36	45.26
67	<input type="checkbox"/>	421	73.98	391.00	492.43	43.95
68	<input type="checkbox"/>	425	180.33	394.08	491.90	42.39
69	<input type="checkbox"/>	429	271.14	383.37	492.02	47.08
70	<input type="checkbox"/>	433	37.77	390.00	492.17	44.27
71	<input type="checkbox"/>	437	54.90	388.00	492.01	45.07
72	<input type="checkbox"/>	441	154.83	382.75	492.06	47.36
73	<input type="checkbox"/>	445	152.43	366.80	492.38	54.41
74	<input type="checkbox"/>	449	2.76	362.01	492.77	56.66
75	<input type="checkbox"/>	457	57.99	363.91	493.58	56.19
76	<input type="checkbox"/>	461	150.63	368.29	493.71	54.35
77	<input type="checkbox"/>	465	127.44	367.39	494.26	54.97
78	<input type="checkbox"/>	469	130.77	369.16	494.74	54.41
79	<input type="checkbox"/>	473	67.71	368.81	495.12	54.73
80	<input type="checkbox"/>	481	111.54	380.00	496.14	50.32
81	<input type="checkbox"/>	485	125.64	384.00	494.76	47.99
82	<input type="checkbox"/>	489	54.18	388.85	493.28	45.25
83	<input type="checkbox"/>	493	141.45	377.57	492.36	49.74
84	<input type="checkbox"/>	497	0.00	379.50	493.51	49.40
85	<input type="checkbox"/>	501	107.43	381.45	491.41	47.65
86	<input type="checkbox"/>	505	140.46	383.49	492.19	47.10
87	<input type="checkbox"/>	509	219.27	379.21	494.22	49.83

Phase 2 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	492.95	47.79
89	<input type="checkbox"/>	525	183.74	375.92	495.77	51.93
90	<input type="checkbox"/>	529	88.95	378.05	496.32	51.24
91	<input type="checkbox"/>	533	136.59	393.75	491.90	42.53
92	<input type="checkbox"/>	537	219.77	388.65	492.54	45.01
93	<input type="checkbox"/>	541	113.93	386.87	493.01	45.99
94	<input type="checkbox"/>	545	278.87	375.12	492.32	50.78
95	<input type="checkbox"/>	549	71.52	389.88	491.89	44.20
96	<input type="checkbox"/>	553	96.12	378.46	492.68	49.49
97	<input type="checkbox"/>	557	0.00	388.94	493.07	45.12
98	<input type="checkbox"/>	561	0.00	397.45	493.07	41.43
99	<input type="checkbox"/>	565	0.00	398.88	493.07	40.81
100	<input type="checkbox"/>	569	0.00	434.83	493.07	25.24
101	<input type="checkbox"/>	573	0.00	417.23	493.07	32.86
102	<input type="checkbox"/>	577	0.00	377.09	496.26	51.64
103	<input type="checkbox"/>	581	0.00	376.80	495.77	51.55
104	<input type="checkbox"/>	585	0.00	382.01	495.17	49.03
105	<input type="checkbox"/>	589	0.00	376.86	496.38	51.79
106	<input type="checkbox"/>	593	0.00	366.64	494.34	55.33
107	<input type="checkbox"/>	597	0.00	367.63	492.34	54.04
108	<input type="checkbox"/>	601	0.00	378.25	491.40	49.03
109	<input type="checkbox"/>	617	0.00	404.84	493.07	38.23
110	<input type="checkbox"/>	621	0.00	430.05	493.07	27.31
111	<input type="checkbox"/>	625	0.00	397.76	493.07	41.30
112	<input type="checkbox"/>	633	10.00	395.99	493.07	42.06
113	<input type="checkbox"/>	637	0.00	462.63	493.07	13.19
114	<input type="checkbox"/>	649	0.00	398.97	493.07	40.77
115	<input type="checkbox"/>	657	0.00	397.59	493.07	41.37
116	<input type="checkbox"/>	661	0.00	372.83	493.16	52.14

Phase 2 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.43	60.03
118	<input type="checkbox"/>	677	0.00	408.63	543.38	58.39
119	<input type="checkbox"/>	681	0.00	410.53	543.21	57.49
120	<input type="checkbox"/>	693	0.00	424.36	543.10	51.45
121	<input type="checkbox"/>	697	0.00	425.95	543.09	50.76
122	<input type="checkbox"/>	701	0.00	420.33	543.07	53.18
123	<input type="checkbox"/>	705	0.00	418.20	543.06	54.10
124	<input type="checkbox"/>	709	0.00	415.88	543.05	55.10
125	<input type="checkbox"/>	713	157.11	414.27	543.04	55.80
126	<input type="checkbox"/>	717	0.00	413.98	543.14	55.97
127	<input type="checkbox"/>	741	0.00	420.07	543.12	53.31
128	<input type="checkbox"/>	753	0.00	407.86	543.28	58.68
129	<input type="checkbox"/>	757	0.00	416.30	543.13	54.96
130	<input type="checkbox"/>	761	0.00	421.52	543.11	52.69

Phase 2 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	495.06	54.67
2	<input type="checkbox"/>	112	167.43	374.62	494.41	51.91
3	<input type="checkbox"/>	116	129.78	378.08	494.03	50.24
4	<input type="checkbox"/>	120	217.38	385.56	493.73	46.87
5	<input type="checkbox"/>	124	147.93	387.85	493.50	45.78
6	<input type="checkbox"/>	128	88.86	390.02	493.37	44.78
7	<input type="checkbox"/>	132	38.55	383.45	493.27	47.59
8	<input type="checkbox"/>	136	0.00	377.67	493.20	50.06
9	<input type="checkbox"/>	144	0.00	382.00	493.12	48.15
10	<input type="checkbox"/>	148	0.00	384.90	493.10	46.88
11	<input type="checkbox"/>	152	0.00	387.06	493.09	45.94
12	<input type="checkbox"/>	156	0.00	387.15	493.08	45.90
13	<input type="checkbox"/>	160	0.00	385.30	493.08	46.70
14	<input type="checkbox"/>	168	0.00	392.25	493.07	43.69
15	<input type="checkbox"/>	176	0.00	377.66	492.99	49.97
16	<input type="checkbox"/>	188	0.00	371.85	492.72	52.37
17	<input type="checkbox"/>	196	0.00	372.77	492.60	51.92
18	<input type="checkbox"/>	204	0.00	368.10	492.45	53.88
19	<input type="checkbox"/>	216	249.42	367.60	491.39	53.64
20	<input type="checkbox"/>	220	0.00	362.39	492.28	56.28
21	<input type="checkbox"/>	232	0.00	361.59	492.22	56.60
22	<input type="checkbox"/>	236	0.00	360.09	492.21	57.25
23	<input type="checkbox"/>	240	0.00	358.49	492.21	57.94
24	<input type="checkbox"/>	244	76.86	358.05	492.09	58.08
25	<input type="checkbox"/>	272	0.00	351.43	492.18	60.99
26	<input type="checkbox"/>	276	0.00	349.80	492.18	61.69
27	<input type="checkbox"/>	288	0.00	375.46	493.08	50.97
28	<input type="checkbox"/>	328	0.00	397.27	492.88	41.43
29	<input type="checkbox"/>	332	32.92	401.51	492.78	39.55

Phase 2 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	492.70	37.04
31	<input type="checkbox"/>	340	0.00	406.47	492.67	37.35
32	<input type="checkbox"/>	344	0.00	404.87	492.64	38.03
33	<input type="checkbox"/>	388	100.11	376.45	491.69	49.93
34	<input type="checkbox"/>	392	150.73	377.15	491.28	49.45
35	<input type="checkbox"/>	396	51.45	378.22	491.26	48.98
36	<input type="checkbox"/>	400	0.00	381.65	491.26	47.50
37	<input type="checkbox"/>	404	61.01	379.03	491.17	48.59
38	<input type="checkbox"/>	472	105.25	352.64	492.18	60.46
39	<input type="checkbox"/>	476	74.19	350.72	492.11	61.27
40	<input type="checkbox"/>	480	0.00	351.63	492.18	60.90
41	<input type="checkbox"/>	528	5.24	361.17	492.21	56.78
42	<input type="checkbox"/>	536	162.37	382.20	493.01	48.01
43	<input type="checkbox"/>	560	0.00	382.50	493.11	47.93
44	<input type="checkbox"/>	592	0.00	382.88	493.08	47.75
45	<input type="checkbox"/>	596	209.02	387.55	489.67	44.25
46	<input type="checkbox"/>	628	0.00	373.74	493.08	51.71
47	<input type="checkbox"/>	636	0.00	360.96	488.88	55.43
48	<input type="checkbox"/>	640	154.26	373.91	492.82	51.52
49	<input type="checkbox"/>	644	0.00	362.08	490.45	55.62
50	<input type="checkbox"/>	648	89.16	381.62	492.19	47.91
51	<input type="checkbox"/>	652	173.14	377.56	491.13	49.21
52	<input type="checkbox"/>	728	0.00	360.55	487.81	55.14
53	<input type="checkbox"/>	732	0.00	361.71	485.77	53.76
54	<input type="checkbox"/>	760	485.11	363.73	480.95	50.79
55	<input type="checkbox"/>	764	0.00	359.47	492.20	57.51
56	<input type="checkbox"/>	768	0.00	357.26	492.20	58.47
57	<input type="checkbox"/>	772	0.00	357.57	492.19	58.33
58	<input type="checkbox"/>	776	0.00	353.17	492.19	60.24

Phase 2 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	492.18	60.01
60	<input type="checkbox"/>	269	0.00	374.15	493.08	51.53
61	<input type="checkbox"/>	273	0.00	363.39	485.77	53.03
62	<input type="checkbox"/>	301	189.60	371.42	495.99	53.97
63	<input type="checkbox"/>	305	182.76	379.25	496.94	51.00
64	<input type="checkbox"/>	309	0.00	382.11	497.54	50.02
65	<input type="checkbox"/>	616	1,290.17	371.92	494.66	53.18
66	<input type="checkbox"/>	385	0.00	385.91	490.36	45.26
67	<input type="checkbox"/>	421	73.98	391.00	492.43	43.95
68	<input type="checkbox"/>	425	180.33	394.08	491.90	42.39
69	<input type="checkbox"/>	429	271.14	383.37	492.02	47.08
70	<input type="checkbox"/>	433	37.77	390.00	492.17	44.27
71	<input type="checkbox"/>	437	54.90	388.00	492.01	45.07
72	<input type="checkbox"/>	441	154.83	382.75	492.06	47.36
73	<input type="checkbox"/>	445	152.43	366.80	492.38	54.41
74	<input type="checkbox"/>	449	2.76	362.01	492.77	56.66
75	<input type="checkbox"/>	457	57.99	363.91	493.58	56.19
76	<input type="checkbox"/>	461	150.63	368.29	493.71	54.35
77	<input type="checkbox"/>	465	127.44	367.39	494.26	54.97
78	<input type="checkbox"/>	469	130.77	369.16	494.74	54.41
79	<input type="checkbox"/>	473	67.71	368.81	495.12	54.73
80	<input type="checkbox"/>	481	111.54	380.00	496.14	50.32
81	<input type="checkbox"/>	485	125.64	384.00	494.76	47.99
82	<input type="checkbox"/>	489	54.18	388.85	493.28	45.25
83	<input type="checkbox"/>	493	141.45	377.57	492.36	49.74
84	<input type="checkbox"/>	497	0.00	379.50	493.51	49.40
85	<input type="checkbox"/>	501	107.43	381.45	491.41	47.65
86	<input type="checkbox"/>	505	140.46	383.49	492.19	47.10
87	<input type="checkbox"/>	509	219.27	379.21	494.22	49.83

Phase 2 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	492.95	47.79
89	<input type="checkbox"/>	525	183.74	375.92	495.77	51.93
90	<input type="checkbox"/>	529	88.95	378.05	496.32	51.24
91	<input type="checkbox"/>	533	136.59	393.75	491.90	42.53
92	<input type="checkbox"/>	537	219.77	388.65	492.54	45.01
93	<input type="checkbox"/>	541	113.93	386.87	493.01	45.99
94	<input type="checkbox"/>	545	278.87	375.12	492.32	50.78
95	<input type="checkbox"/>	549	71.52	389.88	491.89	44.20
96	<input type="checkbox"/>	553	96.12	378.46	492.68	49.49
97	<input type="checkbox"/>	557	0.00	388.94	493.07	45.12
98	<input type="checkbox"/>	561	0.00	397.45	493.07	41.43
99	<input type="checkbox"/>	565	0.00	398.88	493.07	40.81
100	<input type="checkbox"/>	569	0.00	434.83	493.07	25.24
101	<input type="checkbox"/>	573	0.00	417.23	493.07	32.86
102	<input type="checkbox"/>	577	0.00	377.09	496.26	51.64
103	<input type="checkbox"/>	581	0.00	376.80	495.77	51.55
104	<input type="checkbox"/>	585	0.00	382.01	495.17	49.03
105	<input type="checkbox"/>	589	0.00	376.86	496.38	51.79
106	<input type="checkbox"/>	593	0.00	366.64	494.34	55.33
107	<input type="checkbox"/>	597	0.00	367.63	492.34	54.04
108	<input type="checkbox"/>	601	0.00	378.25	491.40	49.03
109	<input type="checkbox"/>	617	0.00	404.84	493.07	38.23
110	<input type="checkbox"/>	621	0.00	430.05	493.07	27.31
111	<input type="checkbox"/>	625	0.00	397.76	493.07	41.30
112	<input type="checkbox"/>	633	10.00	395.99	493.07	42.06
113	<input type="checkbox"/>	637	0.00	462.63	493.07	13.19
114	<input type="checkbox"/>	649	0.00	398.97	493.07	40.77
115	<input type="checkbox"/>	657	0.00	397.59	493.07	41.37
116	<input type="checkbox"/>	661	0.00	372.83	493.16	52.14

Phase 2 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.43	60.03
118	<input type="checkbox"/>	677	0.00	408.63	543.38	58.39
119	<input type="checkbox"/>	681	0.00	410.53	543.21	57.49
120	<input type="checkbox"/>	693	0.00	424.36	543.10	51.45
121	<input type="checkbox"/>	697	0.00	425.95	543.09	50.76
122	<input type="checkbox"/>	701	0.00	420.33	543.07	53.18
123	<input type="checkbox"/>	705	0.00	418.20	543.06	54.10
124	<input type="checkbox"/>	709	0.00	415.88	543.05	55.10
125	<input type="checkbox"/>	713	157.11	414.27	543.04	55.80
126	<input type="checkbox"/>	717	0.00	413.98	543.14	55.97
127	<input type="checkbox"/>	741	0.00	420.07	543.12	53.31
128	<input type="checkbox"/>	753	0.00	407.86	543.28	58.68
129	<input type="checkbox"/>	757	0.00	416.30	543.13	54.96
130	<input type="checkbox"/>	761	0.00	421.52	543.11	52.69

Phase 2 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	491.64	53.18
2	<input type="checkbox"/>	112	167.43	374.62	489.99	49.99
3	<input type="checkbox"/>	116	129.78	378.08	488.93	48.03
4	<input type="checkbox"/>	120	217.38	385.56	487.99	44.38
5	<input type="checkbox"/>	124	147.93	387.85	487.21	43.05
6	<input type="checkbox"/>	128	88.86	390.02	486.66	41.87
7	<input type="checkbox"/>	132	38.55	383.45	486.20	44.52
8	<input type="checkbox"/>	136	0.00	377.67	485.77	46.84
9	<input type="checkbox"/>	144	0.00	382.00	485.35	44.78
10	<input type="checkbox"/>	148	0.00	384.90	485.06	43.40
11	<input type="checkbox"/>	152	0.00	387.06	484.90	42.40
12	<input type="checkbox"/>	156	0.00	387.15	484.82	42.32
13	<input type="checkbox"/>	160	0.00	385.30	484.79	43.10
14	<input type="checkbox"/>	168	0.00	392.25	484.56	40.00
15	<input type="checkbox"/>	176	0.00	377.66	485.00	46.51
16	<input type="checkbox"/>	188	0.00	371.85	484.30	48.72
17	<input type="checkbox"/>	196	0.00	372.77	483.95	48.17
18	<input type="checkbox"/>	204	0.00	368.10	483.54	50.02
19	<input type="checkbox"/>	216	400.71	367.60	480.95	49.11
20	<input type="checkbox"/>	220	0.00	362.39	483.07	52.29
21	<input type="checkbox"/>	232	0.00	361.59	482.87	52.55
22	<input type="checkbox"/>	236	0.00	360.09	482.84	53.19
23	<input type="checkbox"/>	240	0.00	358.49	482.82	53.87
24	<input type="checkbox"/>	244	285.48	358.05	481.56	53.52
25	<input type="checkbox"/>	272	0.00	351.43	482.77	56.91
26	<input type="checkbox"/>	276	0.00	349.80	482.77	57.62
27	<input type="checkbox"/>	288	0.00	375.46	484.79	47.37
28	<input type="checkbox"/>	328	0.00	397.27	475.12	33.73
29	<input type="checkbox"/>	332	32.92	401.51	470.20	29.76

Phase 2 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	336	0.00	407.21	465.10	25.08
31	<input type="checkbox"/>	340	0.00	406.47	462.64	24.34
32	<input type="checkbox"/>	344	0.00	404.87	460.91	24.29
33	<input type="checkbox"/>	388	100.11	376.45	484.86	46.98
34	<input type="checkbox"/>	392	229.38	377.15	483.71	46.17
35	<input type="checkbox"/>	396	92.27	378.22	483.58	45.65
36	<input type="checkbox"/>	400	0.00	381.65	483.58	44.17
37	<input type="checkbox"/>	404	109.43	379.03	483.31	45.18
38	<input type="checkbox"/>	472	160.16	352.64	482.77	56.38
39	<input type="checkbox"/>	476	133.06	350.72	482.55	57.12
40	<input type="checkbox"/>	480	0.00	351.63	482.77	56.82
41	<input type="checkbox"/>	528	50.05	361.17	482.86	52.73
42	<input type="checkbox"/>	536	401.10	382.20	484.70	44.41
43	<input type="checkbox"/>	560	0.00	382.50	485.22	44.51
44	<input type="checkbox"/>	592	0.00	382.88	484.79	44.16
45	<input type="checkbox"/>	596	318.08	387.55	477.17	38.83
46	<input type="checkbox"/>	628	0.00	373.74	484.79	48.12
47	<input type="checkbox"/>	636	0.00	360.96	476.25	49.95
48	<input type="checkbox"/>	640	200.03	373.91	484.56	47.94
49	<input type="checkbox"/>	644	0.00	362.08	479.36	50.82
50	<input type="checkbox"/>	648	89.16	381.62	484.91	44.76
51	<input type="checkbox"/>	652	263.48	377.56	483.09	45.72
52	<input type="checkbox"/>	728	0.00	360.55	474.13	49.21
53	<input type="checkbox"/>	732	0.00	361.71	470.08	46.96
54	<input type="checkbox"/>	760	702.58	363.73	460.50	41.93
55	<input type="checkbox"/>	764	0.00	359.47	482.81	53.45
56	<input type="checkbox"/>	768	0.00	357.26	482.80	54.40
57	<input type="checkbox"/>	772	0.00	357.57	482.79	54.26
58	<input type="checkbox"/>	776	0.00	353.17	482.78	56.16

Phase 2 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	265	0.00	353.68	482.77	55.93
60	<input type="checkbox"/>	269	0.00	374.15	484.79	47.94
61	<input type="checkbox"/>	273	0.00	363.39	470.08	46.23
62	<input type="checkbox"/>	301	189.60	371.42	493.88	53.06
63	<input type="checkbox"/>	305	182.76	379.25	496.12	50.64
64	<input type="checkbox"/>	309	0.00	382.11	497.48	49.99
65	<input type="checkbox"/>	616	1,963.30	371.92	490.64	51.44
66	<input type="checkbox"/>	385	0.00	385.91	478.66	40.19
67	<input type="checkbox"/>	421	73.98	391.00	485.52	40.95
68	<input type="checkbox"/>	425	180.33	394.08	484.18	39.04
69	<input type="checkbox"/>	429	271.14	383.37	485.30	44.17
70	<input type="checkbox"/>	433	37.77	390.00	485.31	41.30
71	<input type="checkbox"/>	437	54.90	388.00	485.20	42.12
72	<input type="checkbox"/>	441	154.83	382.75	485.90	44.69
73	<input type="checkbox"/>	445	152.43	366.80	486.84	52.01
74	<input type="checkbox"/>	449	2.76	362.01	487.51	54.38
75	<input type="checkbox"/>	457	57.99	363.91	488.90	54.16
76	<input type="checkbox"/>	461	150.63	368.29	488.93	52.28
77	<input type="checkbox"/>	465	127.44	367.39	490.85	53.50
78	<input type="checkbox"/>	469	130.77	369.16	492.19	53.31
79	<input type="checkbox"/>	473	67.71	368.81	493.00	53.81
80	<input type="checkbox"/>	481	111.54	380.00	495.21	49.92
81	<input type="checkbox"/>	485	125.64	384.00	492.77	47.13
82	<input type="checkbox"/>	489	54.18	388.85	489.75	43.72
83	<input type="checkbox"/>	493	141.45	377.57	486.85	47.35
84	<input type="checkbox"/>	497	0.00	379.50	489.76	47.77
85	<input type="checkbox"/>	501	107.43	381.45	483.83	44.36
86	<input type="checkbox"/>	505	140.46	383.49	487.10	44.90
87	<input type="checkbox"/>	509	219.27	379.21	491.41	48.62

Phase 2 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	513	0.00	382.65	488.80	46.00
89	<input type="checkbox"/>	525	279.61	375.92	493.98	51.15
90	<input type="checkbox"/>	529	159.52	378.05	494.87	50.62
91	<input type="checkbox"/>	533	320.20	393.75	484.70	39.41
92	<input type="checkbox"/>	537	334.43	388.65	485.26	41.86
93	<input type="checkbox"/>	541	204.34	386.87	486.14	43.01
94	<input type="checkbox"/>	545	424.37	375.12	486.52	48.27
95	<input type="checkbox"/>	549	320.88	389.88	483.82	40.71
96	<input type="checkbox"/>	553	172.39	378.46	486.36	46.75
97	<input type="checkbox"/>	557	0.00	388.94	484.56	41.43
98	<input type="checkbox"/>	561	0.00	397.45	484.56	37.75
99	<input type="checkbox"/>	565	0.00	398.88	484.56	37.13
100	<input type="checkbox"/>	569	0.00	434.83	484.56	21.55
101	<input type="checkbox"/>	573	0.00	417.23	484.56	29.17
102	<input type="checkbox"/>	577	0.00	377.09	495.30	51.22
103	<input type="checkbox"/>	581	0.00	376.80	493.99	50.78
104	<input type="checkbox"/>	585	0.00	382.01	493.25	48.20
105	<input type="checkbox"/>	589	0.00	376.86	495.39	51.36
106	<input type="checkbox"/>	593	0.00	366.64	490.84	53.82
107	<input type="checkbox"/>	597	0.00	367.63	483.22	50.09
108	<input type="checkbox"/>	601	0.00	378.25	483.68	45.68
109	<input type="checkbox"/>	617	0.00	404.84	484.56	34.54
110	<input type="checkbox"/>	621	0.00	430.05	484.56	23.62
111	<input type="checkbox"/>	625	0.00	397.76	484.56	37.61
112	<input type="checkbox"/>	633	10.00	395.99	484.56	38.38
113	<input type="checkbox"/>	637	0.00	462.63	484.56	9.50
114	<input type="checkbox"/>	649	0.00	398.97	484.56	37.09
115	<input type="checkbox"/>	657	0.00	397.59	484.56	37.69
116	<input type="checkbox"/>	661	0.00	372.83	485.56	48.85

Phase 2 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	665	10.00	404.88	543.26	59.96
118	<input type="checkbox"/>	677	120.06	408.63	539.97	56.91
119	<input type="checkbox"/>	681	120.06	410.53	529.19	51.41
120	<input type="checkbox"/>	693	120.06	424.36	521.94	42.28
121	<input type="checkbox"/>	697	120.06	425.95	521.92	41.58
122	<input type="checkbox"/>	701	120.06	420.33	521.98	44.05
123	<input type="checkbox"/>	705	0.00	418.20	522.23	45.08
124	<input type="checkbox"/>	709	120.06	415.88	522.41	46.16
125	<input type="checkbox"/>	713	400.50	414.27	522.71	46.99
126	<input type="checkbox"/>	717	120.06	413.98	525.15	48.17
127	<input type="checkbox"/>	741	120.06	420.07	522.37	44.33
128	<input type="checkbox"/>	753	0.00	407.86	533.40	54.39
129	<input type="checkbox"/>	757	120.06	416.30	523.77	46.57
130	<input type="checkbox"/>	761	120.06	421.52	522.13	43.59

Phase 2 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	9,807.26	2.88	1.00
2		16	112	116	2,648.78	37.29	125.00	6,997.57	2.06	1.06
3		20	116	120	2,632.40	37.29	125.00	6,598.59	1.94	0.94
4		24	120	124	2,664.16	37.29	125.00	5,907.13	1.74	0.78
5		32	128	132	2,630.80	37.29	125.00	4,483.60	1.32	0.46
6		36	132	136	2,587.05	37.29	125.00	4,305.29	1.26	0.42
7		48	144	560	970.26	31.07	125.00	2,373.22	1.00	0.13
8		52	148	152	1,692.36	31.07	125.00	1,972.12	0.83	0.16
9		56	152	156	859.54	31.07	125.00	1,972.12	0.83	0.08
10		60	156	160	418.07	31.07	125.00	1,972.12	0.83	0.04
11		76	144	176	1,315.87	24.95	125.00	1,932.07	1.27	0.34
12		136	232	528	287.76	24.95	125.00	628.74	0.41	0.01
13		140	236	240	492.63	24.95	125.00	578.70	0.38	0.01
14		144	240	244	697.16	7.98	130.00	285.48	1.83	1.26
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
17		232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
18		240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
19		244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
20		288	388	392	463.24	7.98	130.00	338.18	2.17	1.15
21		292	392	396	429.31	7.98	130.00	108.81	0.70	0.13
22		296	396	400	612.83	7.98	130.00	16.54	0.11	0.01
23		304	116	388	2,639.34	7.98	130.00	261.52	1.68	4.07
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	133.06	0.85	0.22
27		436	528	236	1,003.15	24.95	125.00	578.70	0.38	0.03
28		448	560	148	1,668.69	31.07	125.00	1,972.12	0.83	0.16
29		452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
30		492	168	385	2,660.53	7.98	130.00	318.08	2.04	5.90
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	702.58	2.99	3.51
33		540	644	636	875.70	9.79	130.00	702.58	2.99	3.11
34		544	124	541	400.02	7.98	130.00	353.23	2.27	1.08

Phase 2 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	199.50	1.28	1.23
36		628	636	728	597.05	9.79	130.00	702.58	2.99	2.12
37		632	728	732	1,139.76	9.79	130.00	702.58	2.99	4.05
38		668	732	760	995.88	7.98	130.00	702.58	4.51	9.58
39		676	240	764	967.46	24.95	125.00	293.22	0.19	0.01
40		680	764	768	1,174.23	24.95	125.00	293.22	0.19	0.01
41		684	768	772	1,356.13	24.95	125.00	293.22	0.19	0.01
42		688	772	776	1,970.40	24.95	125.00	293.22	0.19	0.02
43		692	776	472	1,305.26	24.95	125.00	293.22	0.19	0.01
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	11,711.32	3.44	1.36
50		350	305	301	2,497.41	37.29	125.00	10,815.76	3.18	2.24
51		354	301	108	2,656.30	37.29	125.00	10,464.20	3.07	2.24
52		13	616	112	1,305.41	37.29	125.00	7,843.95	2.30	0.64
53		41	385	596	673.16	7.98	130.00	318.08	2.04	1.49
54		73	128	421	2,606.90	11.65	130.00	358.13	1.08	1.14
55		77	421	433	2,638.07	11.65	130.00	140.63	0.42	0.20
56		81	433	437	2,627.65	11.65	130.00	102.86	0.31	0.11
57		85	441	437	2,659.50	11.65	130.00	272.24	0.82	0.70
58		89	505	441	2,531.20	7.98	130.00	138.41	0.89	1.20
59		93	513	505	979.51	7.98	130.00	278.87	1.79	1.70
60		97	485	489	2,972.07	7.98	130.00	208.86	1.34	3.02
61		101	481	485	2,279.44	7.98	130.00	214.38	1.38	2.43
62		113	473	469	2,522.05	7.98	130.00	112.16	0.72	0.81
63		117	469	465	2,644.74	7.98	130.00	143.35	0.92	1.34
64		121	465	593	1,363.13	7.98	130.00	15.91	0.10	0.01
65		125	108	461	2,675.53	9.79	130.00	356.80	1.52	2.71
66		129	461	457	1,234.15	7.98	130.00	29.45	0.19	0.03
67		141	449	445	1,309.71	7.98	130.00	144.80	0.93	0.68
68		145	445	388	2,642.50	7.98	130.00	176.77	1.13	1.97

Phase 2 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	92.89	0.60	0.26
70	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	63.98	0.41	0.15
71	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	139.76	0.90	1.28
72	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	475.38	3.05	1.95
73	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	209.78	1.35	2.69
74	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	92.97	0.60	0.60
75	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	216.74	1.39	1.48
76	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	185.14	1.19	1.06
77	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	321.42	2.06	3.48
78	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	381.63	1.15	0.96
79	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	626.02	1.88	2.90
80	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	750.22	2.26	1.65
81	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	306.72	1.97	4.71
82	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	662.76	1.99	1.84
83	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	154.68	0.99	0.95
84	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	124.19	0.80	0.96
85	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	143.52	0.92	1.33
86	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	161.96	1.04	1.69
87	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	179.87	1.15	0.99
88	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	264.30	1.70	4.16
89	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	276.32	1.77	2.27
90	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	184.40	1.18	2.10
91	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	246.55	1.58	0.89
92	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	406.08	2.60	1.24
93	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	320.20	2.05	0.50
94	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	140.94	0.90	1.08
95	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	148.90	0.96	1.22
96	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	4,930.59	1.45	0.56
97	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	102.95	0.66	0.34
98	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	104.13	0.67	0.36
99	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	357.53	2.29	3.63
100	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
101	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	49.60	0.32	0.09

Phase 2 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	33.05	0.21	0.01
104		95	589	577	1,331.88	7.98	130.00	49.60	0.32	0.09
105		99	585	485	1,305.19	7.98	130.00	120.12	0.77	0.48
106		103	309	585	2,271.95	11.65	130.00	782.88	2.36	4.23
107		107	589	581	1,331.70	7.98	130.00	212.92	1.37	1.40
108		111	309	589	1,340.90	7.98	130.00	262.53	1.68	2.08
109		115	108	593	1,289.66	7.98	130.00	160.19	1.03	0.80
110		119	593	457	2,617.81	7.98	130.00	176.10	1.13	1.94
111		123	597	216	669.16	7.98	130.00	400.71	2.57	2.27
112		127	597	220	1,179.22	24.95	125.00	1,331.32	0.87	0.15
113		300	400	404	867.39	7.98	130.00	109.43	0.70	0.27
114		131	601	652	381.84	7.98	130.00	263.48	1.69	0.60
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.0000
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	4,305.29	1.26	0.21
122		215	176	640	1,682.32	24.95	125.00	1,932.07	1.27	0.44
123		219	640	188	1,235.07	24.95	125.00	1,732.03	1.14	0.26
124		223	196	204	1,894.43	24.95	125.00	1,732.03	1.14	0.40
125		243	661	144	1,338.30	37.29	125.00	4,305.29	1.26	0.22
126		247	457	449	2,594.24	7.98	130.00	147.56	0.95	1.39
127		251	160	168	2,409.91	31.07	125.00	1,972.12	0.83	0.22
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
131		267	188	196	1,647.77	24.95	125.00	1,732.03	1.14	0.35
132		271	204	597	1,507.13	24.95	125.00	1,732.03	1.14	0.32
133		275	220	232	1,488.55	24.95	125.00	1,331.32	0.87	0.19
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	-7.68	0.03	0.00

Phase 2 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	303.05	1.29	0.30
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	297.26	1.27	0.24

Phase 2 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	8,410.21	2.47	0.76
2		16	112	116	2,648.78	37.29	125.00	6,370.95	1.87	0.89
3		20	116	120	2,632.40	37.29	125.00	6,018.52	1.77	0.80
4		24	120	124	2,664.16	37.29	125.00	5,409.64	1.59	0.66
5		32	128	132	2,630.80	37.29	125.00	4,203.72	1.23	0.41
6		36	132	136	2,587.05	37.29	125.00	4,082.45	1.20	0.38
7		48	144	560	970.26	31.07	125.00	2,264.17	0.96	0.12
8		52	148	152	1,692.36	31.07	125.00	1,863.07	0.79	0.14
9		56	152	156	859.54	31.07	125.00	1,863.07	0.79	0.07
10		60	156	160	418.07	31.07	125.00	1,863.07	0.79	0.04
11		76	144	176	1,315.87	24.95	125.00	1,818.29	1.19	0.31
12		136	232	528	287.76	24.95	125.00	514.96	0.34	0.01
13		140	236	240	492.63	24.95	125.00	464.92	0.31	0.01
14		144	240	244	697.16	7.98	130.00	285.48	1.83	1.26
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
17		232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
18		240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
19		244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
20		288	388	392	463.24	7.98	130.00	229.66	1.47	0.56
21		292	392	396	429.31	7.98	130.00	78.92	0.51	0.07
22		296	396	400	612.83	7.98	130.00	27.48	0.18	0.01
23		304	116	388	2,639.34	7.98	130.00	204.68	1.31	2.59
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	74.19	0.48	0.07
27		436	528	236	1,003.15	24.95	125.00	464.92	0.31	0.02
28		448	560	148	1,668.69	31.07	125.00	1,863.07	0.79	0.14
29		452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
30		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	702.58	2.99	3.51
33		540	644	636	875.70	9.79	130.00	702.58	2.99	3.11
34		544	124	541	400.02	7.98	130.00	238.05	1.53	0.52

Phase 2 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	117.67	0.75	0.46
36		628	636	728	597.05	9.79	130.00	702.58	2.99	2.12
37		632	728	732	1,139.76	9.79	130.00	702.58	2.99	4.05
38		668	732	760	995.88	7.98	130.00	702.58	4.51	9.58
39		676	240	764	967.46	24.95	125.00	179.44	0.12	0.00
40		680	764	768	1,174.23	24.95	125.00	179.44	0.12	0.00
41		684	768	772	1,356.13	24.95	125.00	179.44	0.12	0.00
42		688	772	776	1,970.40	24.95	125.00	179.44	0.12	0.01
43		692	776	472	1,305.26	24.95	125.00	179.44	0.12	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	10,111.61	2.97	1.04
50		350	305	301	2,497.41	37.29	125.00	9,357.46	2.75	1.71
51		354	301	108	2,656.30	37.29	125.00	9,022.32	2.65	1.70
52		13	616	112	1,305.41	37.29	125.00	7,120.04	2.09	0.54
53		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
54		73	128	421	2,606.90	11.65	130.00	349.78	1.05	1.09
55		77	421	433	2,638.07	11.65	130.00	146.57	0.44	0.22
56		81	433	437	2,627.65	11.65	130.00	108.80	0.33	0.13
57		85	441	437	2,659.50	11.65	130.00	266.30	0.80	0.67
58		89	505	441	2,531.20	7.98	130.00	112.05	0.72	0.81
59		93	513	505	979.51	7.98	130.00	252.51	1.62	1.42
60		97	485	489	2,972.07	7.98	130.00	187.48	1.20	2.47
61		101	481	485	2,279.44	7.98	130.00	197.90	1.27	2.10
62		113	473	469	2,522.05	7.98	130.00	111.45	0.71	0.80
63		117	469	465	2,644.74	7.98	130.00	126.22	0.81	1.06
64		121	465	593	1,363.13	7.98	130.00	-1.22	0.01	0.0000
65		125	108	461	2,675.53	9.79	130.00	318.45	1.36	2.20
66		129	461	457	1,234.15	7.98	130.00	29.93	0.19	0.03
67		141	449	445	1,309.71	7.98	130.00	121.66	0.78	0.49
68		145	445	388	2,642.50	7.98	130.00	125.09	0.80	1.04

Phase 2 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		149	501	400	1,134.29	7.98	130.00	33.54	0.22	0.04
70		153	501	601	1,333.42	7.98	130.00	55.48	0.36	0.12
71		157	132	648	2,654.70	7.98	130.00	82.72	0.53	0.49
72		161	124	537	417.85	7.98	130.00	381.31	2.45	1.30
73		169	120	429	2,624.93	7.98	130.00	195.06	1.25	2.35
74		173	441	429	2,638.61	7.98	130.00	77.51	0.50	0.43
75		177	429	549	1,360.38	7.98	130.00	210.44	1.35	1.40
76		181	553	429	1,306.36	7.98	130.00	209.01	1.34	1.33
77		185	112	545	1,538.75	7.98	130.00	276.53	1.77	2.63
78		189	493	441	1,942.81	11.65	130.00	386.59	1.16	0.98
79		193	497	493	2,360.85	11.65	130.00	530.38	1.60	2.14
80		197	509	497	961.80	11.65	130.00	649.59	1.96	1.27
81		201	305	509	2,270.74	7.98	130.00	278.49	1.79	3.93
82		205	585	509	1,346.17	11.65	130.00	590.37	1.78	1.49
83		209	489	513	1,629.81	7.98	130.00	133.30	0.86	0.72
84		213	497	513	2,460.69	7.98	130.00	119.21	0.76	0.89
85		221	421	425	2,629.64	7.98	130.00	129.23	0.83	1.10
86		225	301	469	2,658.75	7.98	130.00	145.54	0.93	1.39
87		229	581	473	1,282.87	7.98	130.00	179.16	1.15	0.98
88		233	120	501	2,642.27	7.98	130.00	196.44	1.26	2.40
89		237	309	481	1,329.84	7.98	130.00	245.91	1.58	1.83
90		241	461	445	2,595.34	7.98	130.00	155.85	1.00	1.53
91		253	529	525	644.66	7.98	130.00	203.96	1.31	0.63
92		257	305	529	357.19	7.98	130.00	292.91	1.88	0.68
93		261	437	533	223.30	7.98	130.00	320.20	2.05	0.50
94		265	537	425	2,202.23	7.98	130.00	161.54	1.04	1.39
95		269	541	648	2,251.06	7.98	130.00	124.11	0.80	0.87
96		28	124	128	2,658.99	37.29	125.00	4,642.36	1.36	0.50
97		51	493	545	1,231.34	7.98	130.00	2.34	0.02	0.00
98		55	425	549	1,301.55	7.98	130.00	110.44	0.71	0.41
99		59	112	553	1,319.39	7.98	130.00	305.13	1.96	2.71
100		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
101		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102		87	577	481	1,319.13	7.98	130.00	63.53	0.41	0.15

Phase 2 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-20.22	0.13	0.00
104		95	589	577	1,331.88	7.98	130.00	63.53	0.41	0.15
105		99	585	485	1,305.19	7.98	130.00	115.22	0.74	0.44
106		103	309	585	2,271.95	11.65	130.00	705.59	2.12	3.49
107		107	589	581	1,331.70	7.98	130.00	158.93	1.02	0.82
108		111	309	589	1,340.90	7.98	130.00	222.46	1.43	1.53
109		115	108	593	1,289.66	7.98	130.00	153.70	0.99	0.74
110		119	593	457	2,617.81	7.98	130.00	152.48	0.98	1.49
111		123	597	216	669.16	7.98	130.00	400.71	2.57	2.27
112		127	597	220	1,179.22	24.95	125.00	1,217.54	0.80	0.13
113		300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
114		131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	4,082.45	1.20	0.19
122		215	176	640	1,682.32	24.95	125.00	1,818.29	1.19	0.39
123		219	640	188	1,235.07	24.95	125.00	1,618.26	1.06	0.23
124		223	196	204	1,894.43	24.95	125.00	1,618.26	1.06	0.36
125		243	661	144	1,338.30	37.29	125.00	4,082.45	1.20	0.20
126		247	457	449	2,594.24	7.98	130.00	124.42	0.80	1.01
127		251	160	168	2,409.91	31.07	125.00	1,863.07	0.79	0.20
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
131		267	188	196	1,647.77	24.95	125.00	1,618.26	1.06	0.31
132		271	204	597	1,507.13	24.95	125.00	1,618.26	1.06	0.28
133		275	220	232	1,488.55	24.95	125.00	1,217.54	0.80	0.17
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
136		287	461	116	2,702.94	9.79	130.00	-17.97	0.08	0.01

Phase 2 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	303.05	1.29	0.30
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	297.26	1.27	0.24

Phase 2 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	7,046.25	2.07	0.54
2		16	112	116	2,648.78	37.29	125.00	5,096.45	1.50	0.59
3		20	116	120	2,632.40	37.29	125.00	4,692.05	1.38	0.50
4		24	120	124	2,664.16	37.29	125.00	4,126.39	1.21	0.40
5		32	128	132	2,630.80	37.29	125.00	3,079.92	0.90	0.23
6		36	132	136	2,587.05	37.29	125.00	2,931.72	0.86	0.21
7		48	144	560	970.26	31.07	125.00	1,782.18	0.75	0.07
8		52	148	152	1,692.36	31.07	125.00	1,619.08	0.69	0.11
9		56	152	156	859.54	31.07	125.00	1,619.08	0.69	0.06
10		60	156	160	418.07	31.07	125.00	1,619.08	0.69	0.03
11		76	144	176	1,315.87	24.95	125.00	1,149.53	0.75	0.13
12		136	232	528	287.76	24.95	125.00	261.49	0.17	0.00
13		140	236	240	492.63	24.95	125.00	256.30	0.17	0.00
14		144	240	244	697.16	7.98	130.00	76.86	0.49	0.11
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	1,400.05	3.14	7.01
17		232	328	332	1,371.33	13.50	130.00	1,400.05	3.14	3.65
18		240	336	340	713.16	13.50	130.00	1,367.13	3.06	1.82
19		244	340	344	498.98	13.50	130.00	1,367.13	3.06	1.27
20		288	388	392	463.24	7.98	130.00	208.87	1.34	0.47
21		292	392	396	429.31	7.98	130.00	58.14	0.37	0.04
22		296	396	400	612.83	7.98	130.00	6.69	0.04	0.00
23		304	116	388	2,639.34	7.98	130.00	197.62	1.27	2.42
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	74.19	0.48	0.07
27		436	528	236	1,003.15	24.95	125.00	256.30	0.17	0.01
28		448	560	148	1,668.69	31.07	125.00	1,619.08	0.69	0.11
29		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
30		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	485.11	2.07	1.77
33		540	644	636	875.70	9.79	130.00	485.11	2.07	1.57
34		544	124	541	400.02	7.98	130.00	234.57	1.50	0.50

Phase 2 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	548	648	601	1,316.13	7.98	130.00	141.13	0.91	0.65
36	■	628	636	728	597.05	9.79	130.00	485.11	2.07	1.07
37	■	632	728	732	1,139.76	9.79	130.00	485.11	2.07	2.04
38	■	668	732	760	995.88	7.98	130.00	485.11	3.11	4.82
39	■	676	240	764	967.46	24.95	125.00	179.44	0.12	0.00
40	■	680	764	768	1,174.23	24.95	125.00	179.44	0.12	0.00
41	■	684	768	772	1,356.13	24.95	125.00	179.44	0.12	0.00
42	■	688	772	776	1,970.40	24.95	125.00	179.44	0.12	0.01
43	■	692	776	472	1,305.26	24.95	125.00	179.44	0.12	0.00
44	■	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45	■	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46	■	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47	■	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48	■	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49	■	342	309	305	1,312.75	37.29	125.00	8,653.36	2.54	0.78
50	■	350	305	301	2,497.41	37.29	125.00	7,941.36	2.33	1.26
51	■	354	301	108	2,656.30	37.29	125.00	7,611.17	2.24	1.24
52	■	13	616	112	1,305.41	37.29	125.00	5,756.08	1.69	0.36
53	■	41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
54	■	73	128	421	2,606.90	11.65	130.00	263.95	0.79	0.65
55	■	77	421	433	2,638.07	11.65	130.00	110.96	0.33	0.13
56	■	81	433	437	2,627.65	11.65	130.00	73.19	0.22	0.06
57	■	85	441	437	2,659.50	11.65	130.00	118.79	0.36	0.15
58	■	89	505	441	2,531.20	7.98	130.00	64.29	0.41	0.29
59	■	93	513	505	979.51	7.98	130.00	204.75	1.31	0.96
60	■	97	485	489	2,972.07	7.98	130.00	157.49	1.01	1.79
61	■	101	481	485	2,279.44	7.98	130.00	171.29	1.10	1.61
62	■	113	473	469	2,522.05	7.98	130.00	90.82	0.58	0.55
63	■	117	469	465	2,644.74	7.98	130.00	100.63	0.65	0.70
64	■	121	465	593	1,363.13	7.98	130.00	-26.81	0.17	0.03
65	■	125	108	461	2,675.53	9.79	130.00	273.54	1.17	1.66
66	■	129	461	457	1,234.15	7.98	130.00	50.22	0.32	0.09
67	■	141	449	445	1,309.71	7.98	130.00	114.10	0.73	0.43
68	■	145	445	388	2,642.50	7.98	130.00	111.36	0.71	0.84















Phase 2 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		149	501	400	1,134.29	7.98	130.00	54.32	0.35	0.10
70		153	501	601	1,333.42	7.98	130.00	32.02	0.21	0.04
71		157	132	648	2,654.70	7.98	130.00	109.65	0.70	0.82
72		161	124	537	417.85	7.98	130.00	311.16	2.00	0.89
73		169	120	429	2,624.93	7.98	130.00	154.51	0.99	1.53
74		173	441	429	2,638.61	7.98	130.00	44.57	0.29	0.15
75		177	429	549	1,360.38	7.98	130.00	81.45	0.52	0.24
76		181	553	429	1,306.36	7.98	130.00	153.51	0.98	0.75
77		185	112	545	1,538.75	7.98	130.00	242.56	1.56	2.06
78		189	493	441	1,942.81	11.65	130.00	253.90	0.76	0.45
79		193	497	493	2,360.85	11.65	130.00	431.66	1.30	1.46
80		197	509	497	961.80	11.65	130.00	533.10	1.60	0.88
81		201	305	509	2,270.74	7.98	130.00	244.40	1.57	3.09
82		205	585	509	1,346.17	11.65	130.00	507.97	1.53	1.12
83		209	489	513	1,629.81	7.98	130.00	103.31	0.66	0.45
84		213	497	513	2,460.69	7.98	130.00	101.44	0.65	0.66
85		221	421	425	2,629.64	7.98	130.00	79.01	0.51	0.44
86		225	301	469	2,658.75	7.98	130.00	140.59	0.90	1.30
87		229	581	473	1,282.87	7.98	130.00	158.53	1.02	0.78
88		233	120	501	2,642.27	7.98	130.00	193.77	1.24	2.34
89		237	309	481	1,329.84	7.98	130.00	225.17	1.44	1.55
90		241	461	445	2,595.34	7.98	130.00	149.69	0.96	1.42
91		253	529	525	644.66	7.98	130.00	195.90	1.26	0.58
92		257	305	529	357.19	7.98	130.00	284.84	1.83	0.65
93		261	437	533	223.30	7.98	130.00	137.09	0.88	0.10
94		265	537	425	2,202.23	7.98	130.00	91.39	0.59	0.48
95		269	541	648	2,251.06	7.98	130.00	120.64	0.77	0.83
96		28	124	128	2,658.99	37.29	125.00	3,432.73	1.01	0.28
97		51	493	545	1,231.34	7.98	130.00	36.31	0.23	0.05
98		55	425	549	1,301.55	7.98	130.00	-9.93	0.06	0.00
99		59	112	553	1,319.39	7.98	130.00	249.64	1.60	1.87
100		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102		87	577	481	1,319.13	7.98	130.00	57.66	0.37	0.12

Phase 2 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-12.15	0.08	0.00
104		95	589	577	1,331.88	7.98	130.00	57.66	0.37	0.12
105		99	585	485	1,305.19	7.98	130.00	111.84	0.72	0.42
106		103	309	585	2,271.95	11.65	130.00	619.81	1.87	2.74
107		107	589	581	1,331.70	7.98	130.00	146.37	0.94	0.70
108		111	309	589	1,340.90	7.98	130.00	204.03	1.31	1.31
109		115	108	593	1,289.66	7.98	130.00	151.44	0.97	0.72
110		119	593	457	2,617.81	7.98	130.00	124.63	0.80	1.02
111		123	597	216	669.16	7.98	130.00	248.67	1.60	0.94
112		127	597	220	1,179.22	24.95	125.00	746.60	0.49	0.05
113		300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
114		131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	2,931.72	0.86	0.10
122		215	176	640	1,682.32	24.95	125.00	1,149.53	0.75	0.17
123		219	640	188	1,235.07	24.95	125.00	995.27	0.65	0.09
124		223	196	204	1,894.43	24.95	125.00	995.27	0.65	0.14
125		243	661	144	1,338.30	37.29	125.00	2,931.72	0.86	0.11
126		247	457	449	2,594.24	7.98	130.00	116.86	0.75	0.90
127		251	160	168	2,409.91	31.07	125.00	1,619.08	0.69	0.16
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	1,367.13	3.06	3.76
131		267	188	196	1,647.77	24.95	125.00	995.27	0.65	0.13
132		271	204	597	1,507.13	24.95	125.00	995.27	0.65	0.12
133		275	220	232	1,488.55	24.95	125.00	746.60	0.49	0.07
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	-77.00	0.33	0.16

Phase 2 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		307	713	709	403.48	9.79	130.00	350.34	1.49	0.40
138		311	709	705	611.58	9.79	130.00	230.28	0.98	0.28
139		319	701	697	1,692.26	9.79	130.00	110.22	0.47	0.19
140		391	761	693	664.15	9.79	130.00	129.91	0.55	0.10
141		411	753	681	694.40	11.65	130.00	1,237.07	3.72	3.01
142		415	717	757	639.38	9.79	130.00	490.09	2.09	1.17
143		419	757	741	1,033.11	9.79	130.00	370.03	1.58	1.12
144		303	717	713	686.37	9.79	130.00	506.85	2.16	1.33
145		315	705	701	822.74	9.79	130.00	230.28	0.98	0.37
146		363	693	697	811.24	9.79	130.00	9.85	0.04	0.00
147		371	681	717	778.76	11.65	130.00	1,117.01	3.36	2.80
148		407	677	753	1,085.06	11.65	130.00	1,237.07	3.72	4.71
149		235	665	677	964.00	13.50	130.00	1,357.13	3.04	2.42
150		431	741	761	338.57	9.79	130.00	249.97	1.07	0.18

Phase 2 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	6,370.67	1.87	0.45
2		16	112	116	2,648.78	37.29	125.00	4,440.46	1.30	0.46
3		20	116	120	2,632.40	37.29	125.00	4,027.16	1.18	0.38
4		24	120	124	2,664.16	37.29	125.00	3,467.99	1.02	0.29
5		32	128	132	2,630.80	37.29	125.00	2,412.69	0.71	0.15
6		36	132	136	2,587.05	37.29	125.00	2,261.08	0.66	0.13
7		48	144	560	970.26	31.07	125.00	1,131.71	0.48	0.03
8		52	148	152	1,692.36	31.07	125.00	968.60	0.41	0.04
9		56	152	156	859.54	31.07	125.00	968.60	0.41	0.02
10		60	156	160	418.07	31.07	125.00	968.60	0.41	0.01
11		76	144	176	1,315.87	24.95	125.00	1,129.37	0.74	0.13
12		136	232	528	287.76	24.95	125.00	241.33	0.16	0.00
13		140	236	240	492.63	24.95	125.00	236.14	0.15	0.00
14		144	240	244	697.16	7.98	130.00	76.86	0.49	0.11
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	749.57	1.68	2.21
17		232	328	332	1,371.33	13.50	130.00	749.57	1.68	1.15
18		240	336	340	713.16	13.50	130.00	716.65	1.61	0.55
19		244	340	344	498.98	13.50	130.00	716.65	1.61	0.38
20		288	388	392	463.24	7.98	130.00	184.78	1.19	0.38
21		292	392	396	429.31	7.98	130.00	34.05	0.22	0.02
22		296	396	400	612.83	7.98	130.00	-3.42	0.02	0.000
23		304	116	388	2,639.34	7.98	130.00	187.48	1.20	2.20
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	54.03	0.35	0.04
27		436	528	236	1,003.15	24.95	125.00	236.14	0.15	0.01
28		448	560	148	1,668.69	31.07	125.00	968.60	0.41	0.04
29		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
30		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	485.11	2.07	1.77
33		540	644	636	875.70	9.79	130.00	485.11	2.07	1.57
34		544	124	541	400.02	7.98	130.00	203.06	1.30	0.39

Phase 2 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	143.98	0.92	0.67
36		628	636	728	597.05	9.79	130.00	485.11	2.07	1.07
37		632	728	732	1,139.76	9.79	130.00	485.11	2.07	2.04
38		668	732	760	995.88	7.98	130.00	485.11	3.11	4.82
39		676	240	764	967.46	24.95	125.00	159.28	0.10	0.00
40		680	764	768	1,174.23	24.95	125.00	159.28	0.10	0.00
41		684	768	772	1,356.13	24.95	125.00	159.28	0.10	0.00
42		688	772	776	1,970.40	24.95	125.00	159.28	0.10	0.01
43		692	776	472	1,305.26	24.95	125.00	159.28	0.10	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	7,920.05	2.33	0.66
50		350	305	301	2,497.41	37.29	125.00	7,241.19	2.13	1.06
51		354	301	108	2,656.30	37.29	125.00	6,913.90	2.03	1.04
52		13	616	112	1,305.41	37.29	125.00	5,080.49	1.49	0.29
53		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
54		73	128	421	2,606.90	11.65	130.00	297.48	0.90	0.81
55		77	421	433	2,638.07	11.65	130.00	141.23	0.43	0.21
56		81	433	437	2,627.65	11.65	130.00	103.46	0.31	0.12
57		85	441	437	2,659.50	11.65	130.00	88.52	0.27	0.09
58		89	505	441	2,531.20	7.98	130.00	48.72	0.31	0.17
59		93	513	505	979.51	7.98	130.00	189.18	1.21	0.83
60		97	485	489	2,972.07	7.98	130.00	147.36	0.95	1.58
61		101	481	485	2,279.44	7.98	130.00	162.75	1.04	1.46
62		113	473	469	2,522.05	7.98	130.00	82.41	0.53	0.46
63		117	469	465	2,644.74	7.98	130.00	89.33	0.57	0.56
64		121	465	593	1,363.13	7.98	130.00	-38.11	0.24	0.06
65		125	108	461	2,675.53	9.79	130.00	253.33	1.08	1.44
66		129	461	457	1,234.15	7.98	130.00	56.14	0.36	0.11
67		141	449	445	1,309.71	7.98	130.00	107.23	0.69	0.39
68		145	445	388	2,642.50	7.98	130.00	97.42	0.62	0.65

Phase 2 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		149	501	400	1,134.29	7.98	130.00	47.85	0.31	0.08
70		153	501	601	1,333.42	7.98	130.00	29.16	0.19	0.04
71		157	132	648	2,654.70	7.98	130.00	113.06	0.73	0.87
72		161	124	537	417.85	7.98	130.00	317.97	2.04	0.93
73		169	120	429	2,624.93	7.98	130.00	157.35	1.01	1.58
74		173	441	429	2,638.61	7.98	130.00	25.22	0.16	0.05
75		177	429	549	1,360.38	7.98	130.00	71.38	0.46	0.19
76		181	553	429	1,306.36	7.98	130.00	159.96	1.03	0.81
77		185	112	545	1,538.75	7.98	130.00	242.64	1.56	2.07
78		189	493	441	1,942.81	11.65	130.00	219.85	0.66	0.34
79		193	497	493	2,360.85	11.65	130.00	397.53	1.20	1.25
80		197	509	497	961.80	11.65	130.00	493.52	1.49	0.76
81		201	305	509	2,270.74	7.98	130.00	233.80	1.50	2.85
82		205	585	509	1,346.17	11.65	130.00	478.99	1.44	1.01
83		209	489	513	1,629.81	7.98	130.00	93.18	0.60	0.37
84		213	497	513	2,460.69	7.98	130.00	95.99	0.62	0.59
85		221	421	425	2,629.64	7.98	130.00	82.27	0.53	0.48
86		225	301	469	2,658.75	7.98	130.00	137.69	0.88	1.25
87		229	581	473	1,282.87	7.98	130.00	150.12	0.96	0.71
88		233	120	501	2,642.27	7.98	130.00	184.44	1.18	2.13
89		237	309	481	1,329.84	7.98	130.00	216.35	1.39	1.44
90		241	461	445	2,595.34	7.98	130.00	142.62	0.91	1.30
91		253	529	525	644.66	7.98	130.00	197.52	1.27	0.59
92		257	305	529	357.19	7.98	130.00	262.30	1.68	0.55
93		261	437	533	223.30	7.98	130.00	137.09	0.88	0.10
94		265	537	425	2,202.23	7.98	130.00	98.20	0.63	0.55
95		269	541	648	2,251.06	7.98	130.00	120.08	0.77	0.82
96		28	124	128	2,658.99	37.29	125.00	2,799.03	0.82	0.19
97		51	493	545	1,231.34	7.98	130.00	36.23	0.23	0.05
98		55	425	549	1,301.55	7.98	130.00	0.14	0.000	0.0000
99		59	112	553	1,319.39	7.98	130.00	229.96	1.48	1.60
100		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
101		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102		87	577	481	1,319.13	7.98	130.00	57.94	0.37	0.12

Phase 2 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-13.78	0.09	0.00
104		95	589	577	1,331.88	7.98	130.00	57.94	0.37	0.13
105		99	585	485	1,305.19	7.98	130.00	110.25	0.71	0.41
106		103	309	585	2,271.95	11.65	130.00	589.24	1.77	2.50
107		107	589	581	1,331.70	7.98	130.00	136.34	0.87	0.61
108		111	309	589	1,340.90	7.98	130.00	194.29	1.25	1.19
109		115	108	593	1,289.66	7.98	130.00	149.95	0.96	0.71
110		119	593	457	2,617.81	7.98	130.00	111.85	0.72	0.84
111		123	597	216	669.16	7.98	130.00	248.67	1.60	0.94
112		127	597	220	1,179.22	24.95	125.00	726.44	0.48	0.05
113		300	400	404	867.39	7.98	130.00	44.43	0.29	0.05
114		131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	2,261.08	0.66	0.06
122		215	176	640	1,682.32	24.95	125.00	1,129.37	0.74	0.16
123		219	640	188	1,235.07	24.95	125.00	975.11	0.64	0.09
124		223	196	204	1,894.43	24.95	125.00	975.11	0.64	0.14
125		243	661	144	1,338.30	37.29	125.00	2,261.08	0.66	0.07
126		247	457	449	2,594.24	7.98	130.00	109.99	0.71	0.80
127		251	160	168	2,409.91	31.07	125.00	968.60	0.41	0.06
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	716.65	1.61	1.14
131		267	188	196	1,647.77	24.95	125.00	975.11	0.64	0.12
132		271	204	597	1,507.13	24.95	125.00	975.11	0.64	0.11
133		275	220	232	1,488.55	24.95	125.00	726.44	0.48	0.06
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	-96.05	0.41	0.24

Phase 2 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	144.54	0.62	0.08
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	89.53	0.38	0.05
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	34.51	0.15	0.02
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	75.51	0.32	0.04
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	651.64	1.96	0.92
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	240.56	1.03	0.31
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	185.54	0.79	0.31
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	301.05	1.28	0.51
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	89.53	0.38	0.06
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	20.50	0.09	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	596.63	1.80	0.88
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	651.64	1.96	1.44
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	706.65	1.58	0.72
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	130.53	0.56	0.05

Phase 2 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	2,243.60	0.66	0.07
2		16	112	116	2,648.78	37.29	125.00	1,805.86	0.53	0.09
3		20	116	120	2,632.40	37.29	125.00	1,449.74	0.43	0.06
4		24	120	124	2,664.16	37.29	125.00	1,010.60	0.30	0.03
5		32	128	132	2,630.80	37.29	125.00	289.59	0.09	0.00
6		36	132	136	2,587.05	37.29	125.00	183.11	0.05	0.00
7		48	144	560	970.26	31.07	125.00	183.11	0.08	0.00
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	-30.98	0.20	0.01
21		292	392	396	429.31	7.98	130.00	-30.98	0.20	0.01
22		296	396	400	612.83	7.98	130.00	-30.98	0.20	0.02
23		304	116	388	2,639.34	7.98	130.00	101.02	0.65	0.70
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	69.75	0.45	0.05

Phase 2 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	48.53	0.31	0.09
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
40		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
41		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
42		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
43		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	3,406.61	1.00	0.14
50		350	305	301	2,497.41	37.29	125.00	2,978.13	0.87	0.21
51		354	301	108	2,656.30	37.29	125.00	2,675.43	0.79	0.18
52		13	616	112	1,305.41	37.29	125.00	2,243.60	0.66	0.06
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	285.68	0.86	0.75
55		77	421	433	2,638.07	11.65	130.00	144.80	0.44	0.22
56		81	433	437	2,627.65	11.65	130.00	107.03	0.32	0.12
57		85	441	437	2,659.50	11.65	130.00	-52.13	0.16	0.03
58		89	505	441	2,531.20	7.98	130.00	-49.49	0.32	0.18
59		93	513	505	979.51	7.98	130.00	90.97	0.58	0.21
60		97	485	489	2,972.07	7.98	130.00	78.16	0.50	0.49
61		101	481	485	2,279.44	7.98	130.00	107.20	0.69	0.67
62		113	473	469	2,522.05	7.98	130.00	59.82	0.38	0.25
63		117	469	465	2,644.74	7.98	130.00	42.16	0.27	0.14
64		121	465	593	1,363.13	7.98	130.00	-85.28	0.55	0.26
65		125	108	461	2,675.53	9.79	130.00	159.40	0.68	0.61
66		129	461	457	1,234.15	7.98	130.00	59.96	0.38	0.12
67		141	449	445	1,309.71	7.98	130.00	46.40	0.30	0.08
68		145	445	388	2,642.50	7.98	130.00	-31.89	0.20	0.08

Phase 2 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	30.98	0.20	0.03
70	■	153	501	601	1,333.42	7.98	130.00	-48.53	0.31	0.09
71	■	157	132	648	2,654.70	7.98	130.00	67.93	0.44	0.34
72	■	161	124	537	417.85	7.98	130.00	128.78	0.83	0.17
73	■	169	120	429	2,624.93	7.98	130.00	131.87	0.85	1.14
74	■	173	441	429	2,638.61	7.98	130.00	-16.64	0.11	0.02
75	■	177	429	549	1,360.38	7.98	130.00	-15.35	0.10	0.01
76	■	181	553	429	1,306.36	7.98	130.00	140.56	0.90	0.64
77	■	185	112	545	1,538.75	7.98	130.00	129.76	0.83	0.65
78	■	189	493	441	1,942.81	11.65	130.00	135.55	0.41	0.14
79	■	193	497	493	2,360.85	11.65	130.00	147.24	0.44	0.20
80	■	197	509	497	961.80	11.65	130.00	214.23	0.64	0.16
81	■	201	305	509	2,270.74	7.98	130.00	154.32	0.99	1.32
82	■	205	585	509	1,346.17	11.65	130.00	279.18	0.84	0.37
83	■	209	489	513	1,629.81	7.98	130.00	23.98	0.15	0.03
84	■	213	497	513	2,460.69	7.98	130.00	66.99	0.43	0.30
85	■	221	421	425	2,629.64	7.98	130.00	66.90	0.43	0.32
86	■	225	301	469	2,658.75	7.98	130.00	113.11	0.73	0.87
87	■	229	581	473	1,282.87	7.98	130.00	127.53	0.82	0.52
88	■	233	120	501	2,642.27	7.98	130.00	89.89	0.58	0.56
89	■	237	309	481	1,329.84	7.98	130.00	149.70	0.96	0.73
90	■	241	461	445	2,595.34	7.98	130.00	74.13	0.48	0.39
91	■	253	529	525	644.66	7.98	130.00	91.40	0.59	0.14
92	■	257	305	529	357.19	7.98	130.00	91.40	0.59	0.08
93	■	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	■	265	537	425	2,202.23	7.98	130.00	128.78	0.83	0.91
95	■	269	541	648	2,251.06	7.98	130.00	69.75	0.45	0.30
96	■	28	124	128	2,658.99	37.29	125.00	664.14	0.20	0.01
97	■	51	493	545	1,231.34	7.98	130.00	-129.76	0.83	0.52
98	■	55	425	549	1,301.55	7.98	130.00	15.35	0.10	0.01
99	■	59	112	553	1,319.39	7.98	130.00	140.56	0.90	0.64
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	69.04	0.44	0.17

Phase 2 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-91.40	0.59	0.08
104		95	589	577	1,331.88	7.98	130.00	69.04	0.44	0.17
105		99	585	485	1,305.19	7.98	130.00	96.60	0.62	0.32
106		103	309	585	2,271.95	11.65	130.00	375.78	1.13	1.09
107		107	589	581	1,331.70	7.98	130.00	36.14	0.23	0.05
108		111	309	589	1,340.90	7.98	130.00	105.18	0.67	0.38
109		115	108	593	1,289.66	7.98	130.00	132.47	0.85	0.56
110		119	593	457	2,617.81	7.98	130.00	47.20	0.30	0.17
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	183.11	0.05	0.000
122		215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
123		219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
124		223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
125		243	661	144	1,338.30	37.29	125.00	183.11	0.05	0.000
126		247	457	449	2,594.24	7.98	130.00	49.16	0.32	0.18
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
132		271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
133		275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	-125.32	0.53	0.39

Phase 2 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	2,243.60	0.66	0.07
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	1,805.86	0.53	0.09
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	1,449.74	0.43	0.06
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	1,010.60	0.30	0.03
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	289.59	0.09	0.00
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	183.11	0.05	0.00
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	183.11	0.08	0.00
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	-30.98	0.20	0.01
21	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	-30.98	0.20	0.01
22	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	-30.98	0.20	0.02
23	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	101.02	0.65	0.70
24	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
28	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
30	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	69.75	0.45	0.05

Phase 2 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	48.53	0.31	0.09
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
40		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
41		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
42		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
43		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	3,406.61	1.00	0.14
50		350	305	301	2,497.41	37.29	125.00	2,978.13	0.87	0.21
51		354	301	108	2,656.30	37.29	125.00	2,675.43	0.79	0.18
52		13	616	112	1,305.41	37.29	125.00	2,243.60	0.66	0.06
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	285.68	0.86	0.75
55		77	421	433	2,638.07	11.65	130.00	144.80	0.44	0.22
56		81	433	437	2,627.65	11.65	130.00	107.03	0.32	0.12
57		85	441	437	2,659.50	11.65	130.00	-52.13	0.16	0.03
58		89	505	441	2,531.20	7.98	130.00	-49.49	0.32	0.18
59		93	513	505	979.51	7.98	130.00	90.97	0.58	0.21
60		97	485	489	2,972.07	7.98	130.00	78.16	0.50	0.49
61		101	481	485	2,279.44	7.98	130.00	107.20	0.69	0.67
62		113	473	469	2,522.05	7.98	130.00	59.82	0.38	0.25
63		117	469	465	2,644.74	7.98	130.00	42.16	0.27	0.14
64		121	465	593	1,363.13	7.98	130.00	-85.28	0.55	0.26
65		125	108	461	2,675.53	9.79	130.00	159.40	0.68	0.61
66		129	461	457	1,234.15	7.98	130.00	59.96	0.38	0.12
67		141	449	445	1,309.71	7.98	130.00	46.40	0.30	0.08
68		145	445	388	2,642.50	7.98	130.00	-31.89	0.20	0.08

Phase 2 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	30.98	0.20	0.03
70	■	153	501	601	1,333.42	7.98	130.00	-48.53	0.31	0.09
71	■	157	132	648	2,654.70	7.98	130.00	67.93	0.44	0.34
72	■	161	124	537	417.85	7.98	130.00	128.78	0.83	0.17
73	■	169	120	429	2,624.93	7.98	130.00	131.87	0.85	1.14
74	■	173	441	429	2,638.61	7.98	130.00	-16.64	0.11	0.02
75	■	177	429	549	1,360.38	7.98	130.00	-15.35	0.10	0.01
76	■	181	553	429	1,306.36	7.98	130.00	140.56	0.90	0.64
77	■	185	112	545	1,538.75	7.98	130.00	129.76	0.83	0.65
78	■	189	493	441	1,942.81	11.65	130.00	135.55	0.41	0.14
79	■	193	497	493	2,360.85	11.65	130.00	147.24	0.44	0.20
80	■	197	509	497	961.80	11.65	130.00	214.23	0.64	0.16
81	■	201	305	509	2,270.74	7.98	130.00	154.32	0.99	1.32
82	■	205	585	509	1,346.17	11.65	130.00	279.18	0.84	0.37
83	■	209	489	513	1,629.81	7.98	130.00	23.98	0.15	0.03
84	■	213	497	513	2,460.69	7.98	130.00	66.99	0.43	0.30
85	■	221	421	425	2,629.64	7.98	130.00	66.90	0.43	0.32
86	■	225	301	469	2,658.75	7.98	130.00	113.11	0.73	0.87
87	■	229	581	473	1,282.87	7.98	130.00	127.53	0.82	0.52
88	■	233	120	501	2,642.27	7.98	130.00	89.89	0.58	0.56
89	■	237	309	481	1,329.84	7.98	130.00	149.70	0.96	0.73
90	■	241	461	445	2,595.34	7.98	130.00	74.13	0.48	0.39
91	■	253	529	525	644.66	7.98	130.00	91.40	0.59	0.14
92	■	257	305	529	357.19	7.98	130.00	91.40	0.59	0.08
93	■	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	■	265	537	425	2,202.23	7.98	130.00	128.78	0.83	0.91
95	■	269	541	648	2,251.06	7.98	130.00	69.75	0.45	0.30
96	■	28	124	128	2,658.99	37.29	125.00	664.14	0.20	0.01
97	■	51	493	545	1,231.34	7.98	130.00	-129.76	0.83	0.52
98	■	55	425	549	1,301.55	7.98	130.00	15.35	0.10	0.01
99	■	59	112	553	1,319.39	7.98	130.00	140.56	0.90	0.64
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	69.04	0.44	0.17

Phase 2 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-91.40	0.59	0.08
104		95	589	577	1,331.88	7.98	130.00	69.04	0.44	0.17
105		99	585	485	1,305.19	7.98	130.00	96.60	0.62	0.32
106		103	309	585	2,271.95	11.65	130.00	375.78	1.13	1.09
107		107	589	581	1,331.70	7.98	130.00	36.14	0.23	0.05
108		111	309	589	1,340.90	7.98	130.00	105.18	0.67	0.38
109		115	108	593	1,289.66	7.98	130.00	132.47	0.85	0.56
110		119	593	457	2,617.81	7.98	130.00	47.20	0.30	0.17
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	183.11	0.05	0.000
122		215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
123		219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
124		223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
125		243	661	144	1,338.30	37.29	125.00	183.11	0.05	0.000
126		247	457	449	2,594.24	7.98	130.00	49.16	0.32	0.18
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
132		271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
133		275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
136		287	461	116	2,702.94	9.79	130.00	-125.32	0.53	0.39

Phase 2 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4		24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.52	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.0000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.0000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.0000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.0000
20		288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
21		292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
22		296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
23		304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	0.12	0.0000	0.00

Phase 2 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
40		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
41		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
42		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
43		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
50		350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
51		354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
52		13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
55		77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
56		81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
57		85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
58		89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
59		93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
60		97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
61		101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
62		113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
63		117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
64		121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
65		125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
66		129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00
67		141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
68		145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000

Phase 2 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
70	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
71	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
72	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
73	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
74	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
75	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
76	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
77	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
78	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
79	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
80	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
81	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
82	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
83	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
84	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.0000	0.00
85	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.00
86	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
87	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
88	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
90	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.0000	0.00
91	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
92	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
93	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.00
95	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.0000	0.00
96	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
97	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
98	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.0000
99	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
100	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
104	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
107	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
108	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
109	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
110	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
111	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
113	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
122	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
123	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
124	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
126	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
127	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
132	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
133	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
135	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000

Phase 2 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	2,958.31	0.87	0.11
2		16	112	116	2,648.78	37.29	125.00	2,804.43	0.82	0.19
3		20	116	120	2,632.40	37.29	125.00	2,888.22	0.85	0.20
4		24	120	124	2,664.16	37.29	125.00	2,881.14	0.85	0.21
5		32	128	132	2,630.80	37.29	125.00	2,990.43	0.88	0.22
6		36	132	136	2,587.05	37.29	125.00	3,064.28	0.90	0.22
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	1,480.16	0.97	0.21
12		136	232	528	287.76	24.95	125.00	962.80	0.63	0.02
13		140	236	240	492.63	24.95	125.00	962.80	0.63	0.04
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	51.82	0.33	0.04
21		292	392	396	429.31	7.98	130.00	51.82	0.33	0.03
22		296	396	400	612.83	7.98	130.00	51.82	0.33	0.05
23		304	116	388	2,639.34	7.98	130.00	5.22	0.03	0.00
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-962.80	0.63	0.05
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	962.80	0.63	0.07
28		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
32		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
33		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77
34		544	124	541	400.02	7.98	130.00	18.12	0.12	0.00

Phase 2 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-55.73	0.36	0.12
36		628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
37		632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	962.80	0.63	0.07
40		680	764	768	1,174.23	24.95	125.00	962.80	0.63	0.08
41		684	768	772	1,356.13	24.95	125.00	962.80	0.63	0.10
42		688	772	776	1,970.40	24.95	125.00	962.80	0.63	0.14
43		692	776	472	1,305.26	24.95	125.00	962.80	0.63	0.09
44		696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
45		270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
46		282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
47		302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
48		314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
49		342	309	305	1,312.75	37.29	125.00	3,175.43	0.93	0.12
50		350	305	301	2,497.41	37.29	125.00	3,051.04	0.90	0.21
51		354	301	108	2,656.30	37.29	125.00	3,049.82	0.90	0.23
52		13	616	112	1,305.41	37.29	125.00	2,958.31	0.87	0.11
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-112.33	0.34	0.13
55		77	421	433	2,638.07	11.65	130.00	-78.38	0.24	0.07
56		81	433	437	2,627.65	11.65	130.00	-78.38	0.24	0.07
57		85	441	437	2,659.50	11.65	130.00	78.38	0.24	0.07
58		89	505	441	2,531.20	7.98	130.00	29.50	0.19	0.07
59		93	513	505	979.51	7.98	130.00	29.50	0.19	0.03
60		97	485	489	2,972.07	7.98	130.00	71.43	0.46	0.41
61		101	481	485	2,279.44	7.98	130.00	78.89	0.51	0.38
62		113	473	469	2,522.05	7.98	130.00	42.88	0.28	0.14
63		117	469	465	2,644.74	7.98	130.00	44.10	0.28	0.15
64		121	465	593	1,363.13	7.98	130.00	44.10	0.28	0.08
65		125	108	461	2,675.53	9.79	130.00	87.48	0.37	0.20
66		129	461	457	1,234.15	7.98	130.00	-24.70	0.16	0.02
67		141	449	445	1,309.71	7.98	130.00	23.43	0.15	0.02
68		145	445	388	2,642.50	7.98	130.00	46.61	0.30	0.17

Phase 2 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		149	501	400	1,134.29	7.98	130.00	-51.82	0.33	0.09
70		153	501	601	1,333.42	7.98	130.00	55.73	0.36	0.12
71		157	132	648	2,654.70	7.98	130.00	-73.86	0.47	0.39
72		161	124	537	417.85	7.98	130.00	-15.09	0.10	0.00
73		169	120	429	2,624.93	7.98	130.00	3.17	0.02	0.000
74		173	441	429	2,638.61	7.98	130.00	-29.04	0.19	0.07
75		177	429	549	1,360.38	7.98	130.00	49.03	0.31	0.09
76		181	553	429	1,306.36	7.98	130.00	74.90	0.48	0.20
77		185	112	545	1,538.75	7.98	130.00	78.97	0.51	0.26
78		189	493	441	1,942.81	11.65	130.00	19.84	0.06	0.00
79		193	497	493	2,360.85	11.65	130.00	-59.13	0.18	0.04
80		197	509	497	961.80	11.65	130.00	369.34	1.11	0.45
81		201	305	509	2,270.74	7.98	130.00	110.86	0.71	0.71
82		205	585	509	1,346.17	11.65	130.00	258.48	0.78	0.32
83		209	489	513	1,629.81	7.98	130.00	71.43	0.46	0.23
84		213	497	513	2,460.69	7.98	130.00	-41.93	0.27	0.13
85		221	421	425	2,629.64	7.98	130.00	-33.95	0.22	0.09
86		225	301	469	2,658.75	7.98	130.00	1.22	0.01	0.000
87		229	581	473	1,282.87	7.98	130.00	42.88	0.28	0.07
88		233	120	501	2,642.27	7.98	130.00	3.91	0.03	0.00
89		237	309	481	1,329.84	7.98	130.00	58.85	0.38	0.13
90		241	461	445	2,595.34	7.98	130.00	23.18	0.15	0.05
91		253	529	525	644.66	7.98	130.00	13.54	0.09	0.00
92		257	305	529	357.19	7.98	130.00	13.54	0.09	0.00
93		261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94		265	537	425	2,202.23	7.98	130.00	-15.09	0.10	0.02
95		269	541	648	2,251.06	7.98	130.00	18.12	0.12	0.02
96		28	124	128	2,658.99	37.29	125.00	2,878.10	0.85	0.21
97		51	493	545	1,231.34	7.98	130.00	-78.97	0.51	0.21
98		55	425	549	1,301.55	7.98	130.00	-49.03	0.31	0.09
99		59	112	553	1,319.39	7.98	130.00	74.90	0.48	0.20
100		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
101		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102		87	577	481	1,319.13	7.98	130.00	20.04	0.13	0.02

Phase 2 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-13.54	0.09	0.00
104		95	589	577	1,331.88	7.98	130.00	20.04	0.13	0.02
105		99	585	485	1,305.19	7.98	130.00	-7.46	0.05	0.00
106		103	309	585	2,271.95	11.65	130.00	251.02	0.76	0.51
107		107	589	581	1,331.70	7.98	130.00	29.34	0.19	0.04
108		111	309	589	1,340.90	7.98	130.00	49.38	0.32	0.09
109		115	108	593	1,289.66	7.98	130.00	4.03	0.03	0.000
110		119	593	457	2,617.81	7.98	130.00	48.13	0.31	0.18
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	1,480.16	0.97	0.19
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.0000
121		207	136	661	1,305.71	37.29	125.00	3,064.28	0.90	0.11
122		215	176	640	1,682.32	24.95	125.00	1,480.16	0.97	0.27
123		219	640	188	1,235.07	24.95	125.00	1,480.16	0.97	0.20
124		223	196	204	1,894.43	24.95	125.00	1,480.16	0.97	0.30
125		243	661	144	1,338.30	37.29	125.00	3,064.28	0.90	0.12
126		247	457	449	2,594.24	7.98	130.00	23.43	0.15	0.05
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	1,480.16	0.97	0.26
132		271	204	597	1,507.13	24.95	125.00	1,480.16	0.97	0.24
133		275	220	232	1,488.55	24.95	125.00	1,480.16	0.97	0.24
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	89.00	0.38	0.21

Phase 2 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	2,958.29	0.87	0.11
2		16	112	116	2,648.78	37.29	125.00	2,804.36	0.82	0.19
3		20	116	120	2,632.40	37.29	125.00	2,888.14	0.85	0.20
4		24	120	124	2,664.16	37.29	125.00	2,881.22	0.85	0.21
5		32	128	132	2,630.80	37.29	125.00	2,990.43	0.88	0.22
6		36	132	136	2,587.05	37.29	125.00	3,064.28	0.90	0.22
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	1,480.16	0.97	0.21
12		136	232	528	287.76	24.95	125.00	962.80	0.63	0.02
13		140	236	240	492.63	24.95	125.00	962.80	0.63	0.04
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	51.82	0.33	0.04
21		292	392	396	429.31	7.98	130.00	51.82	0.33	0.03
22		296	396	400	612.83	7.98	130.00	51.82	0.33	0.05
23		304	116	388	2,639.34	7.98	130.00	5.22	0.03	0.00
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-962.80	0.63	0.05
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	962.80	0.63	0.07
28		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
32		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
33		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77
34		544	124	541	400.02	7.98	130.00	18.12	0.12	0.00

Phase 2 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	548	648	601	1,316.13	7.98	130.00	-55.74	0.36	0.12
36	■	628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
37	■	632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
38	■	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39	■	676	240	764	967.46	24.95	125.00	962.80	0.63	0.07
40	■	680	764	768	1,174.23	24.95	125.00	962.80	0.63	0.08
41	■	684	768	772	1,356.13	24.95	125.00	962.80	0.63	0.10
42	■	688	772	776	1,970.40	24.95	125.00	962.80	0.63	0.14
43	■	692	776	472	1,305.26	24.95	125.00	962.80	0.63	0.09
44	■	696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
45	■	270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
46	■	282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
47	■	302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
48	■	314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
49	■	342	309	305	1,312.75	37.29	125.00	3,175.42	0.93	0.12
50	■	350	305	301	2,497.41	37.29	125.00	3,051.02	0.90	0.21
51	■	354	301	108	2,656.30	37.29	125.00	3,049.79	0.90	0.23
52	■	13	616	112	1,305.41	37.29	125.00	2,958.29	0.87	0.11
53	■	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54	■	73	128	421	2,606.90	11.65	130.00	-112.30	0.34	0.13
55	■	77	421	433	2,638.07	11.65	130.00	-78.36	0.24	0.07
56	■	81	433	437	2,627.65	11.65	130.00	-78.36	0.24	0.07
57	■	85	441	437	2,659.50	11.65	130.00	78.36	0.24	0.07
58	■	89	505	441	2,531.20	7.98	130.00	29.51	0.19	0.07
59	■	93	513	505	979.51	7.98	130.00	29.51	0.19	0.03
60	■	97	485	489	2,972.07	7.98	130.00	71.44	0.46	0.41
61	■	101	481	485	2,279.44	7.98	130.00	78.90	0.51	0.38
62	■	113	473	469	2,522.05	7.98	130.00	42.88	0.28	0.14
63	■	117	469	465	2,644.74	7.98	130.00	44.10	0.28	0.15
64	■	121	465	593	1,363.13	7.98	130.00	44.10	0.28	0.08
65	■	125	108	461	2,675.53	9.79	130.00	87.48	0.37	0.20
66	■	129	461	457	1,234.15	7.98	130.00	-24.70	0.16	0.02
67	■	141	449	445	1,309.71	7.98	130.00	23.43	0.15	0.02
68	■	145	445	388	2,642.50	7.98	130.00	46.61	0.30	0.17

Phase 2 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	-51.82	0.33	0.09
70	■	153	501	601	1,333.42	7.98	130.00	55.74	0.36	0.12
71	■	157	132	648	2,654.70	7.98	130.00	-73.86	0.47	0.39
72	■	161	124	537	417.85	7.98	130.00	-15.03	0.10	0.00
73	■	169	120	429	2,624.93	7.98	130.00	3.02	0.02	0.00
74	■	173	441	429	2,638.61	7.98	130.00	-28.98	0.19	0.07
75	■	177	429	549	1,360.38	7.98	130.00	48.97	0.31	0.09
76	■	181	553	429	1,306.36	7.98	130.00	74.94	0.48	0.20
77	■	185	112	545	1,538.75	7.98	130.00	78.99	0.51	0.26
78	■	189	493	441	1,942.81	11.65	130.00	19.87	0.06	0.00
79	■	193	497	493	2,360.85	11.65	130.00	-59.12	0.18	0.04
80	■	197	509	497	961.80	11.65	130.00	369.35	1.11	0.45
81	■	201	305	509	2,270.74	7.98	130.00	110.86	0.71	0.71
82	■	205	585	509	1,346.17	11.65	130.00	258.49	0.78	0.32
83	■	209	489	513	1,629.81	7.98	130.00	71.44	0.46	0.23
84	■	213	497	513	2,460.69	7.98	130.00	-41.93	0.27	0.13
85	■	221	421	425	2,629.64	7.98	130.00	-33.94	0.22	0.09
86	■	225	301	469	2,658.75	7.98	130.00	1.22	0.01	0.000
87	■	229	581	473	1,282.87	7.98	130.00	42.88	0.28	0.07
88	■	233	120	501	2,642.27	7.98	130.00	3.91	0.03	0.00
89	■	237	309	481	1,329.84	7.98	130.00	58.85	0.38	0.13
90	■	241	461	445	2,595.34	7.98	130.00	23.18	0.15	0.04
91	■	253	529	525	644.66	7.98	130.00	13.54	0.09	0.00
92	■	257	305	529	357.19	7.98	130.00	13.54	0.09	0.00
93	■	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	■	265	537	425	2,202.23	7.98	130.00	-15.03	0.10	0.02
95	■	269	541	648	2,251.06	7.98	130.00	18.12	0.12	0.02
96	■	28	124	128	2,658.99	37.29	125.00	2,878.13	0.85	0.21
97	■	51	493	545	1,231.34	7.98	130.00	-78.99	0.51	0.21
98	■	55	425	549	1,301.55	7.98	130.00	-48.97	0.31	0.09
99	■	59	112	553	1,319.39	7.98	130.00	74.94	0.48	0.20
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	20.05	0.13	0.02

Phase 2 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-13.54	0.09	0.00
104		95	589	577	1,331.88	7.98	130.00	20.05	0.13	0.02
105		99	585	485	1,305.19	7.98	130.00	-7.46	0.05	0.00
106		103	309	585	2,271.95	11.65	130.00	251.03	0.76	0.51
107		107	589	581	1,331.70	7.98	130.00	29.34	0.19	0.04
108		111	309	589	1,340.90	7.98	130.00	49.38	0.32	0.09
109		115	108	593	1,289.66	7.98	130.00	4.03	0.03	0.000
110		119	593	457	2,617.81	7.98	130.00	48.13	0.31	0.18
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	1,480.16	0.97	0.19
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	3,064.28	0.90	0.11
122		215	176	640	1,682.32	24.95	125.00	1,480.16	0.97	0.27
123		219	640	188	1,235.07	24.95	125.00	1,480.16	0.97	0.20
124		223	196	204	1,894.43	24.95	125.00	1,480.16	0.97	0.30
125		243	661	144	1,338.30	37.29	125.00	3,064.28	0.90	0.12
126		247	457	449	2,594.24	7.98	130.00	23.43	0.15	0.05
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	1,480.16	0.97	0.26
132		271	204	597	1,507.13	24.95	125.00	1,480.16	0.97	0.24
133		275	220	232	1,488.55	24.95	125.00	1,480.16	0.97	0.24
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	89.00	0.38	0.21

Phase 2 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	2,958.29	0.87	0.11
2		16	112	116	2,648.78	37.29	125.00	2,804.36	0.82	0.19
3		20	116	120	2,632.40	37.29	125.00	2,888.15	0.85	0.20
4		24	120	124	2,664.16	37.29	125.00	2,881.22	0.85	0.21
5		32	128	132	2,630.80	37.29	125.00	2,990.43	0.88	0.22
6		36	132	136	2,587.05	37.29	125.00	3,064.28	0.90	0.22
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	1,480.16	0.97	0.21
12		136	232	528	287.76	24.95	125.00	962.80	0.63	0.02
13		140	236	240	492.63	24.95	125.00	962.80	0.63	0.04
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	51.82	0.33	0.04
21		292	392	396	429.31	7.98	130.00	51.82	0.33	0.03
22		296	396	400	612.83	7.98	130.00	51.82	0.33	0.05
23		304	116	388	2,639.34	7.98	130.00	5.22	0.03	0.00
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-962.80	0.63	0.05
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	962.80	0.63	0.07
28		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
32		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
33		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77
34		544	124	541	400.02	7.98	130.00	18.12	0.12	0.00

Phase 2 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	548	648	601	1,316.13	7.98	130.00	-55.74	0.36	0.12
36	■	628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
37	■	632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
38	■	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39	■	676	240	764	967.46	24.95	125.00	962.80	0.63	0.07
40	■	680	764	768	1,174.23	24.95	125.00	962.80	0.63	0.08
41	■	684	768	772	1,356.13	24.95	125.00	962.80	0.63	0.10
42	■	688	772	776	1,970.40	24.95	125.00	962.80	0.63	0.14
43	■	692	776	472	1,305.26	24.95	125.00	962.80	0.63	0.09
44	■	696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
45	■	270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
46	■	282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
47	■	302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
48	■	314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
49	■	342	309	305	1,312.75	37.29	125.00	3,175.42	0.93	0.12
50	■	350	305	301	2,497.41	37.29	125.00	3,051.02	0.90	0.21
51	■	354	301	108	2,656.30	37.29	125.00	3,049.79	0.90	0.23
52	■	13	616	112	1,305.41	37.29	125.00	2,958.29	0.87	0.11
53	■	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54	■	73	128	421	2,606.90	11.65	130.00	-112.30	0.34	0.13
55	■	77	421	433	2,638.07	11.65	130.00	-78.36	0.24	0.07
56	■	81	433	437	2,627.65	11.65	130.00	-78.36	0.24	0.07
57	■	85	441	437	2,659.50	11.65	130.00	78.36	0.24	0.07
58	■	89	505	441	2,531.20	7.98	130.00	29.51	0.19	0.07
59	■	93	513	505	979.51	7.98	130.00	29.51	0.19	0.03
60	■	97	485	489	2,972.07	7.98	130.00	71.44	0.46	0.41
61	■	101	481	485	2,279.44	7.98	130.00	78.90	0.51	0.38
62	■	113	473	469	2,522.05	7.98	130.00	42.88	0.28	0.14
63	■	117	469	465	2,644.74	7.98	130.00	44.10	0.28	0.15
64	■	121	465	593	1,363.13	7.98	130.00	44.10	0.28	0.08
65	■	125	108	461	2,675.53	9.79	130.00	87.48	0.37	0.20
66	■	129	461	457	1,234.15	7.98	130.00	-24.70	0.16	0.02
67	■	141	449	445	1,309.71	7.98	130.00	23.43	0.15	0.02
68	■	145	445	388	2,642.50	7.98	130.00	46.61	0.30	0.17

Phase 2 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		149	501	400	1,134.29	7.98	130.00	-51.82	0.33	0.09
70		153	501	601	1,333.42	7.98	130.00	55.74	0.36	0.12
71		157	132	648	2,654.70	7.98	130.00	-73.86	0.47	0.39
72		161	124	537	417.85	7.98	130.00	-15.03	0.10	0.00
73		169	120	429	2,624.93	7.98	130.00	3.02	0.02	0.00
74		173	441	429	2,638.61	7.98	130.00	-28.98	0.19	0.07
75		177	429	549	1,360.38	7.98	130.00	48.97	0.31	0.09
76		181	553	429	1,306.36	7.98	130.00	74.94	0.48	0.20
77		185	112	545	1,538.75	7.98	130.00	78.99	0.51	0.26
78		189	493	441	1,942.81	11.65	130.00	19.87	0.06	0.00
79		193	497	493	2,360.85	11.65	130.00	-59.12	0.18	0.04
80		197	509	497	961.80	11.65	130.00	369.35	1.11	0.45
81		201	305	509	2,270.74	7.98	130.00	110.86	0.71	0.71
82		205	585	509	1,346.17	11.65	130.00	258.49	0.78	0.32
83		209	489	513	1,629.81	7.98	130.00	71.44	0.46	0.23
84		213	497	513	2,460.69	7.98	130.00	-41.93	0.27	0.13
85		221	421	425	2,629.64	7.98	130.00	-33.94	0.22	0.09
86		225	301	469	2,658.75	7.98	130.00	1.22	0.01	0.000
87		229	581	473	1,282.87	7.98	130.00	42.88	0.28	0.07
88		233	120	501	2,642.27	7.98	130.00	3.91	0.03	0.00
89		237	309	481	1,329.84	7.98	130.00	58.85	0.38	0.13
90		241	461	445	2,595.34	7.98	130.00	23.18	0.15	0.04
91		253	529	525	644.66	7.98	130.00	13.54	0.09	0.00
92		257	305	529	357.19	7.98	130.00	13.54	0.09	0.00
93		261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94		265	537	425	2,202.23	7.98	130.00	-15.03	0.10	0.02
95		269	541	648	2,251.06	7.98	130.00	18.12	0.12	0.02
96		28	124	128	2,658.99	37.29	125.00	2,878.13	0.85	0.21
97		51	493	545	1,231.34	7.98	130.00	-78.99	0.51	0.21
98		55	425	549	1,301.55	7.98	130.00	-48.97	0.31	0.09
99		59	112	553	1,319.39	7.98	130.00	74.94	0.48	0.20
100		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102		87	577	481	1,319.13	7.98	130.00	20.05	0.13	0.02

Phase 2 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-13.54	0.09	0.00
104		95	589	577	1,331.88	7.98	130.00	20.05	0.13	0.02
105		99	585	485	1,305.19	7.98	130.00	-7.46	0.05	0.00
106		103	309	585	2,271.95	11.65	130.00	251.03	0.76	0.51
107		107	589	581	1,331.70	7.98	130.00	29.34	0.19	0.04
108		111	309	589	1,340.90	7.98	130.00	49.38	0.32	0.09
109		115	108	593	1,289.66	7.98	130.00	4.03	0.03	0.000
110		119	593	457	2,617.81	7.98	130.00	48.13	0.31	0.18
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	1,480.16	0.97	0.19
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	3,064.28	0.90	0.11
122		215	176	640	1,682.32	24.95	125.00	1,480.16	0.97	0.27
123		219	640	188	1,235.07	24.95	125.00	1,480.16	0.97	0.20
124		223	196	204	1,894.43	24.95	125.00	1,480.16	0.97	0.30
125		243	661	144	1,338.30	37.29	125.00	3,064.28	0.90	0.12
126		247	457	449	2,594.24	7.98	130.00	23.43	0.15	0.05
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	1,480.16	0.97	0.26
132		271	204	597	1,507.13	24.95	125.00	1,480.16	0.97	0.24
133		275	220	232	1,488.55	24.95	125.00	1,480.16	0.97	0.24
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	89.00	0.38	0.21

Phase 2 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	2,958.29	0.87	0.11
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	2,804.36	0.82	0.19
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	2,888.15	0.85	0.20
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	2,881.22	0.85	0.21
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	2,990.43	0.88	0.22
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	3,064.28	0.90	0.22
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	1,480.16	0.97	0.21
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	962.80	0.63	0.02
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	962.80	0.63	0.04
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
16	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	51.82	0.33	0.04
21	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	51.82	0.33	0.03
22	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	51.82	0.33	0.05
23	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	5.22	0.03	0.00
24	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	-962.80	0.63	0.05
26	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	962.80	0.63	0.07
28	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
29	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
32	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
33	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	517.36	2.21	1.77
34	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	18.12	0.12	0.00

Phase 2 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-55.74	0.36	0.12
36		628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
37		632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	962.80	0.63	0.07
40		680	764	768	1,174.23	24.95	125.00	962.80	0.63	0.08
41		684	768	772	1,356.13	24.95	125.00	962.80	0.63	0.10
42		688	772	776	1,970.40	24.95	125.00	962.80	0.63	0.14
43		692	776	472	1,305.26	24.95	125.00	962.80	0.63	0.09
44		696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
45		270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
46		282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
47		302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
48		314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
49		342	309	305	1,312.75	37.29	125.00	3,175.42	0.93	0.12
50		350	305	301	2,497.41	37.29	125.00	3,051.02	0.90	0.21
51		354	301	108	2,656.30	37.29	125.00	3,049.79	0.90	0.23
52		13	616	112	1,305.41	37.29	125.00	2,958.29	0.87	0.11
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-112.30	0.34	0.13
55		77	421	433	2,638.07	11.65	130.00	-78.36	0.24	0.07
56		81	433	437	2,627.65	11.65	130.00	-78.36	0.24	0.07
57		85	441	437	2,659.50	11.65	130.00	78.36	0.24	0.07
58		89	505	441	2,531.20	7.98	130.00	29.51	0.19	0.07
59		93	513	505	979.51	7.98	130.00	29.51	0.19	0.03
60		97	485	489	2,972.07	7.98	130.00	71.44	0.46	0.41
61		101	481	485	2,279.44	7.98	130.00	78.90	0.51	0.38
62		113	473	469	2,522.05	7.98	130.00	42.88	0.28	0.14
63		117	469	465	2,644.74	7.98	130.00	44.10	0.28	0.15
64		121	465	593	1,363.13	7.98	130.00	44.10	0.28	0.08
65		125	108	461	2,675.53	9.79	130.00	87.48	0.37	0.20
66		129	461	457	1,234.15	7.98	130.00	-24.70	0.16	0.02
67		141	449	445	1,309.71	7.98	130.00	23.43	0.15	0.02
68		145	445	388	2,642.50	7.98	130.00	46.61	0.30	0.17

Phase 2 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-51.82	0.33	0.09
70	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	55.74	0.36	0.12
71	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-73.86	0.47	0.39
72	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-15.03	0.10	0.00
73	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	3.02	0.02	0.00
74	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	-28.98	0.19	0.07
75	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	48.97	0.31	0.09
76	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	74.94	0.48	0.20
77	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	78.99	0.51	0.26
78	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	19.87	0.06	0.00
79	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	-59.12	0.18	0.04
80	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	369.35	1.11	0.45
81	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	110.86	0.71	0.71
82	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	258.49	0.78	0.32
83	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	71.44	0.46	0.23
84	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-41.93	0.27	0.13
85	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-33.94	0.22	0.09
86	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.22	0.01	0.000
87	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	42.88	0.28	0.07
88	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	3.91	0.03	0.00
89	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	58.85	0.38	0.13
90	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	23.18	0.15	0.04
91	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	13.54	0.09	0.00
92	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	13.54	0.09	0.00
93	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-15.03	0.10	0.02
95	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	18.12	0.12	0.02
96	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	2,878.13	0.85	0.21
97	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-78.99	0.51	0.21
98	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-48.97	0.31	0.09
99	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	74.94	0.48	0.20
100	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	20.05	0.13	0.02

Phase 2 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-13.54	0.09	0.00
104		95	589	577	1,331.88	7.98	130.00	20.05	0.13	0.02
105		99	585	485	1,305.19	7.98	130.00	-7.46	0.05	0.00
106		103	309	585	2,271.95	11.65	130.00	251.03	0.76	0.51
107		107	589	581	1,331.70	7.98	130.00	29.34	0.19	0.04
108		111	309	589	1,340.90	7.98	130.00	49.38	0.32	0.09
109		115	108	593	1,289.66	7.98	130.00	4.03	0.03	0.000
110		119	593	457	2,617.81	7.98	130.00	48.13	0.31	0.18
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	1,480.16	0.97	0.19
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	3,064.28	0.90	0.11
122		215	176	640	1,682.32	24.95	125.00	1,480.16	0.97	0.27
123		219	640	188	1,235.07	24.95	125.00	1,480.16	0.97	0.20
124		223	196	204	1,894.43	24.95	125.00	1,480.16	0.97	0.30
125		243	661	144	1,338.30	37.29	125.00	3,064.28	0.90	0.12
126		247	457	449	2,594.24	7.98	130.00	23.43	0.15	0.05
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	1,480.16	0.97	0.26
132		271	204	597	1,507.13	24.95	125.00	1,480.16	0.97	0.24
133		275	220	232	1,488.55	24.95	125.00	1,480.16	0.97	0.24
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	89.00	0.38	0.21

Phase 2 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	2,958.29	0.87	0.11
2		16	112	116	2,648.78	37.29	125.00	2,804.36	0.82	0.19
3		20	116	120	2,632.40	37.29	125.00	2,888.14	0.85	0.20
4		24	120	124	2,664.16	37.29	125.00	2,881.22	0.85	0.21
5		32	128	132	2,630.80	37.29	125.00	2,990.43	0.88	0.22
6		36	132	136	2,587.05	37.29	125.00	3,064.28	0.90	0.22
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	1,480.16	0.97	0.21
12		136	232	528	287.76	24.95	125.00	962.80	0.63	0.02
13		140	236	240	492.63	24.95	125.00	962.80	0.63	0.04
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	51.82	0.33	0.04
21		292	392	396	429.31	7.98	130.00	51.82	0.33	0.03
22		296	396	400	612.83	7.98	130.00	51.82	0.33	0.05
23		304	116	388	2,639.34	7.98	130.00	5.22	0.03	0.00
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-962.80	0.63	0.05
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	962.80	0.63	0.07
28		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
32		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
33		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77
34		544	124	541	400.02	7.98	130.00	18.12	0.12	0.00

Phase 2 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-55.74	0.36	0.12
36		628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
37		632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	962.80	0.63	0.07
40		680	764	768	1,174.23	24.95	125.00	962.80	0.63	0.08
41		684	768	772	1,356.13	24.95	125.00	962.80	0.63	0.10
42		688	772	776	1,970.40	24.95	125.00	962.80	0.63	0.14
43		692	776	472	1,305.26	24.95	125.00	962.80	0.63	0.09
44		696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
45		270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
46		282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
47		302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
48		314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
49		342	309	305	1,312.75	37.29	125.00	3,175.42	0.93	0.12
50		350	305	301	2,497.41	37.29	125.00	3,051.01	0.90	0.21
51		354	301	108	2,656.30	37.29	125.00	3,049.79	0.90	0.23
52		13	616	112	1,305.41	37.29	125.00	2,958.29	0.87	0.11
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-112.30	0.34	0.13
55		77	421	433	2,638.07	11.65	130.00	-78.36	0.24	0.07
56		81	433	437	2,627.65	11.65	130.00	-78.36	0.24	0.07
57		85	441	437	2,659.50	11.65	130.00	78.36	0.24	0.07
58		89	505	441	2,531.20	7.98	130.00	29.51	0.19	0.07
59		93	513	505	979.51	7.98	130.00	29.51	0.19	0.03
60		97	485	489	2,972.07	7.98	130.00	71.44	0.46	0.41
61		101	481	485	2,279.44	7.98	130.00	78.90	0.51	0.38
62		113	473	469	2,522.05	7.98	130.00	42.88	0.28	0.14
63		117	469	465	2,644.74	7.98	130.00	44.10	0.28	0.15
64		121	465	593	1,363.13	7.98	130.00	44.10	0.28	0.08
65		125	108	461	2,675.53	9.79	130.00	87.48	0.37	0.20
66		129	461	457	1,234.15	7.98	130.00	-24.70	0.16	0.02
67		141	449	445	1,309.71	7.98	130.00	23.43	0.15	0.02
68		145	445	388	2,642.50	7.98	130.00	46.61	0.30	0.17

Phase 2 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	-51.82	0.33	0.09
70	■	153	501	601	1,333.42	7.98	130.00	55.74	0.36	0.12
71	■	157	132	648	2,654.70	7.98	130.00	-73.86	0.47	0.39
72	■	161	124	537	417.85	7.98	130.00	-15.03	0.10	0.00
73	■	169	120	429	2,624.93	7.98	130.00	3.02	0.02	0.00
74	■	173	441	429	2,638.61	7.98	130.00	-28.98	0.19	0.07
75	■	177	429	549	1,360.38	7.98	130.00	48.97	0.31	0.09
76	■	181	553	429	1,306.36	7.98	130.00	74.94	0.48	0.20
77	■	185	112	545	1,538.75	7.98	130.00	78.99	0.51	0.26
78	■	189	493	441	1,942.81	11.65	130.00	19.87	0.06	0.00
79	■	193	497	493	2,360.85	11.65	130.00	-59.12	0.18	0.04
80	■	197	509	497	961.80	11.65	130.00	369.35	1.11	0.45
81	■	201	305	509	2,270.74	7.98	130.00	110.86	0.71	0.71
82	■	205	585	509	1,346.17	11.65	130.00	258.49	0.78	0.32
83	■	209	489	513	1,629.81	7.98	130.00	71.44	0.46	0.23
84	■	213	497	513	2,460.69	7.98	130.00	-41.93	0.27	0.13
85	■	221	421	425	2,629.64	7.98	130.00	-33.94	0.22	0.09
86	■	225	301	469	2,658.75	7.98	130.00	1.22	0.01	0.000
87	■	229	581	473	1,282.87	7.98	130.00	42.88	0.28	0.07
88	■	233	120	501	2,642.27	7.98	130.00	3.91	0.03	0.00
89	■	237	309	481	1,329.84	7.98	130.00	58.85	0.38	0.13
90	■	241	461	445	2,595.34	7.98	130.00	23.18	0.15	0.05
91	■	253	529	525	644.66	7.98	130.00	13.54	0.09	0.00
92	■	257	305	529	357.19	7.98	130.00	13.54	0.09	0.00
93	■	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	■	265	537	425	2,202.23	7.98	130.00	-15.03	0.10	0.02
95	■	269	541	648	2,251.06	7.98	130.00	18.12	0.12	0.02
96	■	28	124	128	2,658.99	37.29	125.00	2,878.13	0.85	0.21
97	■	51	493	545	1,231.34	7.98	130.00	-78.99	0.51	0.21
98	■	55	425	549	1,301.55	7.98	130.00	-48.97	0.31	0.09
99	■	59	112	553	1,319.39	7.98	130.00	74.94	0.48	0.20
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	20.05	0.13	0.02

Phase 2 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-13.54	0.09	0.00
104		95	589	577	1,331.88	7.98	130.00	20.05	0.13	0.02
105		99	585	485	1,305.19	7.98	130.00	-7.46	0.05	0.00
106		103	309	585	2,271.95	11.65	130.00	251.03	0.76	0.51
107		107	589	581	1,331.70	7.98	130.00	29.34	0.19	0.04
108		111	309	589	1,340.90	7.98	130.00	49.38	0.32	0.09
109		115	108	593	1,289.66	7.98	130.00	4.03	0.03	0.000
110		119	593	457	2,617.81	7.98	130.00	48.13	0.31	0.18
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	1,480.16	0.97	0.19
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	3,064.28	0.90	0.11
122		215	176	640	1,682.32	24.95	125.00	1,480.16	0.97	0.27
123		219	640	188	1,235.07	24.95	125.00	1,480.16	0.97	0.20
124		223	196	204	1,894.43	24.95	125.00	1,480.16	0.97	0.30
125		243	661	144	1,338.30	37.29	125.00	3,064.28	0.90	0.12
126		247	457	449	2,594.24	7.98	130.00	23.43	0.15	0.05
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	1,480.16	0.97	0.26
132		271	204	597	1,507.13	24.95	125.00	1,480.16	0.97	0.24
133		275	220	232	1,488.55	24.95	125.00	1,480.16	0.97	0.24
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
136		287	461	116	2,702.94	9.79	130.00	89.00	0.38	0.21

Phase 2 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	2,958.29	0.87	0.11
2		16	112	116	2,648.78	37.29	125.00	2,804.36	0.82	0.19
3		20	116	120	2,632.40	37.29	125.00	2,888.15	0.85	0.20
4		24	120	124	2,664.16	37.29	125.00	2,881.22	0.85	0.21
5		32	128	132	2,630.80	37.29	125.00	2,990.43	0.88	0.22
6		36	132	136	2,587.05	37.29	125.00	3,064.28	0.90	0.22
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	1,480.16	0.97	0.21
12		136	232	528	287.76	24.95	125.00	962.80	0.63	0.02
13		140	236	240	492.63	24.95	125.00	962.80	0.63	0.04
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	51.82	0.33	0.04
21		292	392	396	429.31	7.98	130.00	51.82	0.33	0.03
22		296	396	400	612.83	7.98	130.00	51.82	0.33	0.05
23		304	116	388	2,639.34	7.98	130.00	5.22	0.03	0.00
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-962.80	0.63	0.05
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	962.80	0.63	0.07
28		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
32		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
33		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77
34		544	124	541	400.02	7.98	130.00	18.12	0.12	0.00

Phase 2 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-55.74	0.36	0.12
36		628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
37		632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	962.80	0.63	0.07
40		680	764	768	1,174.23	24.95	125.00	962.80	0.63	0.08
41		684	768	772	1,356.13	24.95	125.00	962.80	0.63	0.10
42		688	772	776	1,970.40	24.95	125.00	962.80	0.63	0.14
43		692	776	472	1,305.26	24.95	125.00	962.80	0.63	0.09
44		696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
45		270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
46		282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
47		302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
48		314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
49		342	309	305	1,312.75	37.29	125.00	3,175.42	0.93	0.12
50		350	305	301	2,497.41	37.29	125.00	3,051.02	0.90	0.21
51		354	301	108	2,656.30	37.29	125.00	3,049.79	0.90	0.23
52		13	616	112	1,305.41	37.29	125.00	2,958.29	0.87	0.11
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-112.30	0.34	0.13
55		77	421	433	2,638.07	11.65	130.00	-78.36	0.24	0.07
56		81	433	437	2,627.65	11.65	130.00	-78.36	0.24	0.07
57		85	441	437	2,659.50	11.65	130.00	78.36	0.24	0.07
58		89	505	441	2,531.20	7.98	130.00	29.51	0.19	0.07
59		93	513	505	979.51	7.98	130.00	29.51	0.19	0.03
60		97	485	489	2,972.07	7.98	130.00	71.44	0.46	0.41
61		101	481	485	2,279.44	7.98	130.00	78.90	0.51	0.38
62		113	473	469	2,522.05	7.98	130.00	42.88	0.28	0.14
63		117	469	465	2,644.74	7.98	130.00	44.10	0.28	0.15
64		121	465	593	1,363.13	7.98	130.00	44.10	0.28	0.08
65		125	108	461	2,675.53	9.79	130.00	87.48	0.37	0.20
66		129	461	457	1,234.15	7.98	130.00	-24.70	0.16	0.02
67		141	449	445	1,309.71	7.98	130.00	23.43	0.15	0.02
68		145	445	388	2,642.50	7.98	130.00	46.61	0.30	0.17

Phase 2 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	-51.82	0.33	0.09
70	■	153	501	601	1,333.42	7.98	130.00	55.74	0.36	0.12
71	■	157	132	648	2,654.70	7.98	130.00	-73.86	0.47	0.39
72	■	161	124	537	417.85	7.98	130.00	-15.03	0.10	0.00
73	■	169	120	429	2,624.93	7.98	130.00	3.02	0.02	0.00
74	■	173	441	429	2,638.61	7.98	130.00	-28.98	0.19	0.07
75	■	177	429	549	1,360.38	7.98	130.00	48.97	0.31	0.09
76	■	181	553	429	1,306.36	7.98	130.00	74.94	0.48	0.20
77	■	185	112	545	1,538.75	7.98	130.00	78.99	0.51	0.26
78	■	189	493	441	1,942.81	11.65	130.00	19.87	0.06	0.00
79	■	193	497	493	2,360.85	11.65	130.00	-59.12	0.18	0.04
80	■	197	509	497	961.80	11.65	130.00	369.35	1.11	0.45
81	■	201	305	509	2,270.74	7.98	130.00	110.86	0.71	0.71
82	■	205	585	509	1,346.17	11.65	130.00	258.49	0.78	0.32
83	■	209	489	513	1,629.81	7.98	130.00	71.44	0.46	0.23
84	■	213	497	513	2,460.69	7.98	130.00	-41.93	0.27	0.13
85	■	221	421	425	2,629.64	7.98	130.00	-33.94	0.22	0.09
86	■	225	301	469	2,658.75	7.98	130.00	1.22	0.01	0.000
87	■	229	581	473	1,282.87	7.98	130.00	42.88	0.28	0.07
88	■	233	120	501	2,642.27	7.98	130.00	3.91	0.03	0.00
89	■	237	309	481	1,329.84	7.98	130.00	58.85	0.38	0.13
90	■	241	461	445	2,595.34	7.98	130.00	23.18	0.15	0.05
91	■	253	529	525	644.66	7.98	130.00	13.54	0.09	0.00
92	■	257	305	529	357.19	7.98	130.00	13.54	0.09	0.00
93	■	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	■	265	537	425	2,202.23	7.98	130.00	-15.03	0.10	0.02
95	■	269	541	648	2,251.06	7.98	130.00	18.12	0.12	0.02
96	■	28	124	128	2,658.99	37.29	125.00	2,878.13	0.85	0.21
97	■	51	493	545	1,231.34	7.98	130.00	-78.99	0.51	0.21
98	■	55	425	549	1,301.55	7.98	130.00	-48.97	0.31	0.09
99	■	59	112	553	1,319.39	7.98	130.00	74.94	0.48	0.20
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	20.05	0.13	0.02

Phase 2 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-13.54	0.09	0.00
104		95	589	577	1,331.88	7.98	130.00	20.05	0.13	0.02
105		99	585	485	1,305.19	7.98	130.00	-7.46	0.05	0.00
106		103	309	585	2,271.95	11.65	130.00	251.03	0.76	0.51
107		107	589	581	1,331.70	7.98	130.00	29.34	0.19	0.04
108		111	309	589	1,340.90	7.98	130.00	49.38	0.32	0.09
109		115	108	593	1,289.66	7.98	130.00	4.03	0.03	0.000
110		119	593	457	2,617.81	7.98	130.00	48.13	0.31	0.18
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	1,480.16	0.97	0.19
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.0000
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	3,064.28	0.90	0.11
122		215	176	640	1,682.32	24.95	125.00	1,480.16	0.97	0.27
123		219	640	188	1,235.07	24.95	125.00	1,480.16	0.97	0.20
124		223	196	204	1,894.43	24.95	125.00	1,480.16	0.97	0.30
125		243	661	144	1,338.30	37.29	125.00	3,064.28	0.90	0.12
126		247	457	449	2,594.24	7.98	130.00	23.43	0.15	0.05
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	1,480.16	0.97	0.26
132		271	204	597	1,507.13	24.95	125.00	1,480.16	0.97	0.24
133		275	220	232	1,488.55	24.95	125.00	1,480.16	0.97	0.24
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	89.00	0.38	0.21

Phase 2 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	702.43	0.21	0.01
2		16	112	116	2,648.78	37.29	125.00	611.07	0.18	0.01
3		20	116	120	2,632.40	37.29	125.00	630.70	0.19	0.01
4		24	120	124	2,664.16	37.29	125.00	609.85	0.18	0.01
5		32	128	132	2,630.80	37.29	125.00	536.04	0.16	0.01
6		36	132	136	2,587.05	37.29	125.00	550.40	0.16	0.01
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		76	144	176	1,315.87	24.95	125.00	530.40	0.35	0.03
12		136	232	528	287.76	24.95	125.00	530.40	0.35	0.01
13		140	236	240	492.63	24.95	125.00	530.40	0.35	0.01
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	11.32	0.07	0.00
21		292	392	396	429.31	7.98	130.00	11.32	0.07	0.00
22		296	396	400	612.83	7.98	130.00	11.32	0.07	0.00
23		304	116	388	2,639.34	7.98	130.00	0.71	0.00	0.0000
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-530.40	0.35	0.02
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	530.40	0.35	0.02
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	2.86	0.02	0.000

Phase 2 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-11.50	0.07	0.01
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	530.40	0.35	0.02
40		680	764	768	1,174.23	24.95	125.00	530.40	0.35	0.03
41		684	768	772	1,356.13	24.95	125.00	530.40	0.35	0.03
42		688	772	776	1,970.40	24.95	125.00	530.40	0.35	0.05
43		692	776	472	1,305.26	24.95	125.00	530.40	0.35	0.03
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	811.48	0.24	0.01
50		350	305	301	2,497.41	37.29	125.00	724.55	0.21	0.01
51		354	301	108	2,656.30	37.29	125.00	723.03	0.21	0.02
52		13	616	112	1,305.41	37.29	125.00	702.43	0.21	0.01
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	54.21	0.16	0.03
55		77	421	433	2,638.07	11.65	130.00	69.29	0.21	0.06
56		81	433	437	2,627.65	11.65	130.00	69.29	0.21	0.05
57		85	441	437	2,659.50	11.65	130.00	-69.29	0.21	0.06
58		89	505	441	2,531.20	7.98	130.00	-24.36	0.16	0.05
59		93	513	505	979.51	7.98	130.00	-24.36	0.16	0.02
60		97	485	489	2,972.07	7.98	130.00	33.65	0.22	0.10
61		101	481	485	2,279.44	7.98	130.00	50.38	0.32	0.17
62		113	473	469	2,522.05	7.98	130.00	8.82	0.06	0.01
63		117	469	465	2,644.74	7.98	130.00	10.34	0.07	0.01
64		121	465	593	1,363.13	7.98	130.00	10.34	0.07	0.01
65		125	108	461	2,675.53	9.79	130.00	19.96	0.09	0.01
66		129	461	457	1,234.15	7.98	130.00	-5.65	0.04	0.00
67		141	449	445	1,309.71	7.98	130.00	5.34	0.03	0.00
68		145	445	388	2,642.50	7.98	130.00	10.61	0.07	0.01

Phase 2 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	-11.32	0.07	0.01
70	■	153	501	601	1,333.42	7.98	130.00	11.50	0.07	0.01
71	■	157	132	648	2,654.70	7.98	130.00	-14.36	0.09	0.02
72	■	161	124	537	417.85	7.98	130.00	16.74	0.11	0.00
73	■	169	120	429	2,624.93	7.98	130.00	20.67	0.13	0.04
74	■	173	441	429	2,638.61	7.98	130.00	-49.37	0.32	0.19
75	■	177	429	549	1,360.38	7.98	130.00	-1.65	0.01	0.000
76	■	181	553	429	1,306.36	7.98	130.00	27.05	0.17	0.03
77	■	185	112	545	1,538.75	7.98	130.00	64.31	0.41	0.18
78	■	189	493	441	1,942.81	11.65	130.00	-94.30	0.28	0.07
79	■	193	497	493	2,360.85	11.65	130.00	-158.61	0.48	0.23
80	■	197	509	497	961.80	11.65	130.00	253.78	0.76	0.22
81	■	201	305	509	2,270.74	7.98	130.00	77.70	0.50	0.37
82	■	205	585	509	1,346.17	11.65	130.00	176.08	0.53	0.16
83	■	209	489	513	1,629.81	7.98	130.00	33.65	0.22	0.06
84	■	213	497	513	2,460.69	7.98	130.00	-58.01	0.37	0.23
85	■	221	421	425	2,629.64	7.98	130.00	-15.08	0.10	0.02
86	■	225	301	469	2,658.75	7.98	130.00	1.52	0.01	0.000
87	■	229	581	473	1,282.87	7.98	130.00	8.82	0.06	0.00
88	■	233	120	501	2,642.27	7.98	130.00	0.18	0.00	0.0000
89	■	237	309	481	1,329.84	7.98	130.00	32.37	0.21	0.04
90	■	241	461	445	2,595.34	7.98	130.00	5.27	0.03	0.00
91	■	253	529	525	644.66	7.98	130.00	9.23	0.06	0.00
92	■	257	305	529	357.19	7.98	130.00	9.23	0.06	0.00
93	■	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	■	265	537	425	2,202.23	7.98	130.00	16.74	0.11	0.02
95	■	269	541	648	2,251.06	7.98	130.00	2.86	0.02	0.000
96	■	28	124	128	2,658.99	37.29	125.00	590.25	0.17	0.01
97	■	51	493	545	1,231.34	7.98	130.00	-64.31	0.41	0.14
98	■	55	425	549	1,301.55	7.98	130.00	1.65	0.01	0.000
99	■	59	112	553	1,319.39	7.98	130.00	27.05	0.17	0.03
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	18.02	0.12	0.01

Phase 2 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-9.23	0.06	0.00
104		95	589	577	1,331.88	7.98	130.00	18.02	0.12	0.01
105		99	585	485	1,305.19	7.98	130.00	-16.73	0.11	0.01
106		103	309	585	2,271.95	11.65	130.00	159.35	0.48	0.22
107		107	589	581	1,331.70	7.98	130.00	-0.41	0.00	0.0000
108		111	309	589	1,340.90	7.98	130.00	17.60	0.11	0.01
109		115	108	593	1,289.66	7.98	130.00	0.65	0.00	0.0000
110		119	593	457	2,617.81	7.98	130.00	10.99	0.07	0.01
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	530.40	0.35	0.03
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	550.40	0.16	0.00
122		215	176	640	1,682.32	24.95	125.00	530.40	0.35	0.04
123		219	640	188	1,235.07	24.95	125.00	530.40	0.35	0.03
124		223	196	204	1,894.43	24.95	125.00	530.40	0.35	0.05
125		243	661	144	1,338.30	37.29	125.00	550.40	0.16	0.00
126		247	457	449	2,594.24	7.98	130.00	5.34	0.03	0.00
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	530.40	0.35	0.04
132		271	204	597	1,507.13	24.95	125.00	530.40	0.35	0.04
133		275	220	232	1,488.55	24.95	125.00	530.40	0.35	0.04
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	20.34	0.09	0.01

Phase 2 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	702.43	0.21	0.01
2		16	112	116	2,648.78	37.29	125.00	611.07	0.18	0.01
3		20	116	120	2,632.40	37.29	125.00	630.70	0.19	0.01
4		24	120	124	2,664.16	37.29	125.00	609.84	0.18	0.01
5		32	128	132	2,630.80	37.29	125.00	536.04	0.16	0.01
6		36	132	136	2,587.05	37.29	125.00	550.40	0.16	0.01
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	530.40	0.35	0.03
12		136	232	528	287.76	24.95	125.00	530.40	0.35	0.01
13		140	236	240	492.63	24.95	125.00	530.40	0.35	0.01
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	11.32	0.07	0.00
21		292	392	396	429.31	7.98	130.00	11.32	0.07	0.00
22		296	396	400	612.83	7.98	130.00	11.32	0.07	0.00
23		304	116	388	2,639.34	7.98	130.00	0.71	0.00	0.0000
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-530.40	0.35	0.02
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	530.40	0.35	0.02
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	2.86	0.02	0.000

Phase 2 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	548	648	601	1,316.13	7.98	130.00	-11.50	0.07	0.01
36	■	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37	■	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38	■	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39	■	676	240	764	967.46	24.95	125.00	530.40	0.35	0.02
40	■	680	764	768	1,174.23	24.95	125.00	530.40	0.35	0.03
41	■	684	768	772	1,356.13	24.95	125.00	530.40	0.35	0.03
42	■	688	772	776	1,970.40	24.95	125.00	530.40	0.35	0.05
43	■	692	776	472	1,305.26	24.95	125.00	530.40	0.35	0.03
44	■	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45	■	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46	■	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47	■	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48	■	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49	■	342	309	305	1,312.75	37.29	125.00	811.48	0.24	0.01
50	■	350	305	301	2,497.41	37.29	125.00	724.55	0.21	0.01
51	■	354	301	108	2,656.30	37.29	125.00	723.03	0.21	0.02
52	■	13	616	112	1,305.41	37.29	125.00	702.43	0.21	0.01
53	■	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54	■	73	128	421	2,606.90	11.65	130.00	54.21	0.16	0.03
55	■	77	421	433	2,638.07	11.65	130.00	69.29	0.21	0.06
56	■	81	433	437	2,627.65	11.65	130.00	69.29	0.21	0.05
57	■	85	441	437	2,659.50	11.65	130.00	-69.29	0.21	0.06
58	■	89	505	441	2,531.20	7.98	130.00	-24.36	0.16	0.05
59	■	93	513	505	979.51	7.98	130.00	-24.36	0.16	0.02
60	■	97	485	489	2,972.07	7.98	130.00	33.65	0.22	0.10
61	■	101	481	485	2,279.44	7.98	130.00	50.38	0.32	0.17
62	■	113	473	469	2,522.05	7.98	130.00	8.82	0.06	0.01
63	■	117	469	465	2,644.74	7.98	130.00	10.34	0.07	0.01
64	■	121	465	593	1,363.13	7.98	130.00	10.34	0.07	0.01
65	■	125	108	461	2,675.53	9.79	130.00	19.96	0.09	0.01
66	■	129	461	457	1,234.15	7.98	130.00	-5.65	0.04	0.00
67	■	141	449	445	1,309.71	7.98	130.00	5.34	0.03	0.00
68	■	145	445	388	2,642.50	7.98	130.00	10.61	0.07	0.01

Phase 2 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		149	501	400	1,134.29	7.98	130.00	-11.32	0.07	0.01
70		153	501	601	1,333.42	7.98	130.00	11.50	0.07	0.01
71		157	132	648	2,654.70	7.98	130.00	-14.36	0.09	0.02
72		161	124	537	417.85	7.98	130.00	16.74	0.11	0.00
73		169	120	429	2,624.93	7.98	130.00	20.67	0.13	0.04
74		173	441	429	2,638.61	7.98	130.00	-49.37	0.32	0.19
75		177	429	549	1,360.38	7.98	130.00	-1.65	0.01	0.000
76		181	553	429	1,306.36	7.98	130.00	27.05	0.17	0.03
77		185	112	545	1,538.75	7.98	130.00	64.31	0.41	0.18
78		189	493	441	1,942.81	11.65	130.00	-94.30	0.28	0.07
79		193	497	493	2,360.85	11.65	130.00	-158.61	0.48	0.23
80		197	509	497	961.80	11.65	130.00	253.78	0.76	0.22
81		201	305	509	2,270.74	7.98	130.00	77.70	0.50	0.37
82		205	585	509	1,346.17	11.65	130.00	176.08	0.53	0.16
83		209	489	513	1,629.81	7.98	130.00	33.65	0.22	0.06
84		213	497	513	2,460.69	7.98	130.00	-58.01	0.37	0.23
85		221	421	425	2,629.64	7.98	130.00	-15.08	0.10	0.02
86		225	301	469	2,658.75	7.98	130.00	1.52	0.01	0.000
87		229	581	473	1,282.87	7.98	130.00	8.82	0.06	0.00
88		233	120	501	2,642.27	7.98	130.00	0.18	0.00	0.00
89		237	309	481	1,329.84	7.98	130.00	32.37	0.21	0.04
90		241	461	445	2,595.34	7.98	130.00	5.27	0.03	0.00
91		253	529	525	644.66	7.98	130.00	9.23	0.06	0.00
92		257	305	529	357.19	7.98	130.00	9.23	0.06	0.00
93		261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94		265	537	425	2,202.23	7.98	130.00	16.74	0.11	0.02
95		269	541	648	2,251.06	7.98	130.00	2.86	0.02	0.000
96		28	124	128	2,658.99	37.29	125.00	590.25	0.17	0.01
97		51	493	545	1,231.34	7.98	130.00	-64.31	0.41	0.14
98		55	425	549	1,301.55	7.98	130.00	1.65	0.01	0.000
99		59	112	553	1,319.39	7.98	130.00	27.05	0.17	0.03
100		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102		87	577	481	1,319.13	7.98	130.00	18.02	0.12	0.01

Phase 2 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-9.23	0.06	0.00
104		95	589	577	1,331.88	7.98	130.00	18.02	0.12	0.01
105		99	585	485	1,305.19	7.98	130.00	-16.73	0.11	0.01
106		103	309	585	2,271.95	11.65	130.00	159.35	0.48	0.22
107		107	589	581	1,331.70	7.98	130.00	-0.41	0.00	0.0000
108		111	309	589	1,340.90	7.98	130.00	17.60	0.11	0.01
109		115	108	593	1,289.66	7.98	130.00	0.65	0.00	0.0000
110		119	593	457	2,617.81	7.98	130.00	10.99	0.07	0.01
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	530.40	0.35	0.03
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	550.40	0.16	0.00
122		215	176	640	1,682.32	24.95	125.00	530.40	0.35	0.04
123		219	640	188	1,235.07	24.95	125.00	530.40	0.35	0.03
124		223	196	204	1,894.43	24.95	125.00	530.40	0.35	0.05
125		243	661	144	1,338.30	37.29	125.00	550.40	0.16	0.00
126		247	457	449	2,594.24	7.98	130.00	5.34	0.03	0.00
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	530.40	0.35	0.04
132		271	204	597	1,507.13	24.95	125.00	530.40	0.35	0.04
133		275	220	232	1,488.55	24.95	125.00	530.40	0.35	0.04
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	20.34	0.09	0.01

Phase 2 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	702.43	0.21	0.01
2		16	112	116	2,648.78	37.29	125.00	611.07	0.18	0.01
3		20	116	120	2,632.40	37.29	125.00	630.70	0.19	0.01
4		24	120	124	2,664.16	37.29	125.00	609.84	0.18	0.01
5		32	128	132	2,630.80	37.29	125.00	536.04	0.16	0.01
6		36	132	136	2,587.05	37.29	125.00	550.40	0.16	0.01
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	530.40	0.35	0.03
12		136	232	528	287.76	24.95	125.00	530.40	0.35	0.01
13		140	236	240	492.63	24.95	125.00	530.40	0.35	0.01
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	11.32	0.07	0.00
21		292	392	396	429.31	7.98	130.00	11.32	0.07	0.00
22		296	396	400	612.83	7.98	130.00	11.32	0.07	0.00
23		304	116	388	2,639.34	7.98	130.00	0.71	0.00	0.0000
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-530.40	0.35	0.02
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	530.40	0.35	0.02
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	2.86	0.02	0.000

Phase 2 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-11.50	0.07	0.01
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	530.40	0.35	0.02
40		680	764	768	1,174.23	24.95	125.00	530.40	0.35	0.03
41		684	768	772	1,356.13	24.95	125.00	530.40	0.35	0.03
42		688	772	776	1,970.40	24.95	125.00	530.40	0.35	0.05
43		692	776	472	1,305.26	24.95	125.00	530.40	0.35	0.03
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	811.48	0.24	0.01
50		350	305	301	2,497.41	37.29	125.00	724.55	0.21	0.01
51		354	301	108	2,656.30	37.29	125.00	723.03	0.21	0.02
52		13	616	112	1,305.41	37.29	125.00	702.43	0.21	0.01
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	54.21	0.16	0.03
55		77	421	433	2,638.07	11.65	130.00	69.29	0.21	0.06
56		81	433	437	2,627.65	11.65	130.00	69.29	0.21	0.05
57		85	441	437	2,659.50	11.65	130.00	-69.29	0.21	0.06
58		89	505	441	2,531.20	7.98	130.00	-24.36	0.16	0.05
59		93	513	505	979.51	7.98	130.00	-24.36	0.16	0.02
60		97	485	489	2,972.07	7.98	130.00	33.65	0.22	0.10
61		101	481	485	2,279.44	7.98	130.00	50.38	0.32	0.17
62		113	473	469	2,522.05	7.98	130.00	8.82	0.06	0.01
63		117	469	465	2,644.74	7.98	130.00	10.34	0.07	0.01
64		121	465	593	1,363.13	7.98	130.00	10.34	0.07	0.01
65		125	108	461	2,675.53	9.79	130.00	19.96	0.09	0.01
66		129	461	457	1,234.15	7.98	130.00	-5.65	0.04	0.00
67		141	449	445	1,309.71	7.98	130.00	5.34	0.03	0.00
68		145	445	388	2,642.50	7.98	130.00	10.61	0.07	0.01

Phase 2 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	-11.32	0.07	0.01
70	■	153	501	601	1,333.42	7.98	130.00	11.50	0.07	0.01
71	■	157	132	648	2,654.70	7.98	130.00	-14.36	0.09	0.02
72	■	161	124	537	417.85	7.98	130.00	16.74	0.11	0.00
73	■	169	120	429	2,624.93	7.98	130.00	20.67	0.13	0.04
74	■	173	441	429	2,638.61	7.98	130.00	-49.37	0.32	0.19
75	■	177	429	549	1,360.38	7.98	130.00	-1.65	0.01	0.000
76	■	181	553	429	1,306.36	7.98	130.00	27.05	0.17	0.03
77	■	185	112	545	1,538.75	7.98	130.00	64.31	0.41	0.18
78	■	189	493	441	1,942.81	11.65	130.00	-94.30	0.28	0.07
79	■	193	497	493	2,360.85	11.65	130.00	-158.61	0.48	0.23
80	■	197	509	497	961.80	11.65	130.00	253.78	0.76	0.22
81	■	201	305	509	2,270.74	7.98	130.00	77.70	0.50	0.37
82	■	205	585	509	1,346.17	11.65	130.00	176.08	0.53	0.16
83	■	209	489	513	1,629.81	7.98	130.00	33.65	0.22	0.06
84	■	213	497	513	2,460.69	7.98	130.00	-58.01	0.37	0.23
85	■	221	421	425	2,629.64	7.98	130.00	-15.08	0.10	0.02
86	■	225	301	469	2,658.75	7.98	130.00	1.52	0.01	0.000
87	■	229	581	473	1,282.87	7.98	130.00	8.82	0.06	0.00
88	■	233	120	501	2,642.27	7.98	130.00	0.19	0.00	0.00
89	■	237	309	481	1,329.84	7.98	130.00	32.37	0.21	0.04
90	■	241	461	445	2,595.34	7.98	130.00	5.27	0.03	0.00
91	■	253	529	525	644.66	7.98	130.00	9.23	0.06	0.00
92	■	257	305	529	357.19	7.98	130.00	9.23	0.06	0.00
93	■	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	■	265	537	425	2,202.23	7.98	130.00	16.74	0.11	0.02
95	■	269	541	648	2,251.06	7.98	130.00	2.86	0.02	0.000
96	■	28	124	128	2,658.99	37.29	125.00	590.25	0.17	0.01
97	■	51	493	545	1,231.34	7.98	130.00	-64.31	0.41	0.14
98	■	55	425	549	1,301.55	7.98	130.00	1.65	0.01	0.000
99	■	59	112	553	1,319.39	7.98	130.00	27.05	0.17	0.03
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	18.02	0.12	0.01

Phase 2 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-9.23	0.06	0.00
104		95	589	577	1,331.88	7.98	130.00	18.02	0.12	0.01
105		99	585	485	1,305.19	7.98	130.00	-16.73	0.11	0.01
106		103	309	585	2,271.95	11.65	130.00	159.35	0.48	0.22
107		107	589	581	1,331.70	7.98	130.00	-0.41	0.00	0.0000
108		111	309	589	1,340.90	7.98	130.00	17.60	0.11	0.01
109		115	108	593	1,289.66	7.98	130.00	0.65	0.00	0.0000
110		119	593	457	2,617.81	7.98	130.00	10.99	0.07	0.01
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	530.40	0.35	0.03
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	550.40	0.16	0.00
122		215	176	640	1,682.32	24.95	125.00	530.40	0.35	0.04
123		219	640	188	1,235.07	24.95	125.00	530.40	0.35	0.03
124		223	196	204	1,894.43	24.95	125.00	530.40	0.35	0.05
125		243	661	144	1,338.30	37.29	125.00	550.40	0.16	0.00
126		247	457	449	2,594.24	7.98	130.00	5.34	0.03	0.00
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	530.40	0.35	0.04
132		271	204	597	1,507.13	24.95	125.00	530.40	0.35	0.04
133		275	220	232	1,488.55	24.95	125.00	530.40	0.35	0.04
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	20.34	0.09	0.01

Phase 2 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	702.42	0.21	0.01
2		16	112	116	2,648.78	37.29	125.00	611.07	0.18	0.01
3		20	116	120	2,632.40	37.29	125.00	630.70	0.19	0.01
4		24	120	124	2,664.16	37.29	125.00	609.84	0.18	0.01
5		32	128	132	2,630.80	37.29	125.00	536.04	0.16	0.01
6		36	132	136	2,587.05	37.29	125.00	550.40	0.16	0.01
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		76	144	176	1,315.87	24.95	125.00	530.40	0.35	0.03
12		136	232	528	287.76	24.95	125.00	530.40	0.35	0.01
13		140	236	240	492.63	24.95	125.00	530.40	0.35	0.01
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	11.32	0.07	0.00
21		292	392	396	429.31	7.98	130.00	11.32	0.07	0.00
22		296	396	400	612.83	7.98	130.00	11.32	0.07	0.00
23		304	116	388	2,639.34	7.98	130.00	0.71	0.00	0.0000
24		376	480	276	1,290.02	24.95	125.00	530.40	0.35	0.03
25		380	480	472	663.65	24.95	125.00	-530.40	0.35	0.02
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	530.40	0.35	0.02
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	2.86	0.02	0.000

Phase 2 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-11.50	0.07	0.01
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	530.40	0.35	0.02
40		680	764	768	1,174.23	24.95	125.00	530.40	0.35	0.03
41		684	768	772	1,356.13	24.95	125.00	530.40	0.35	0.03
42		688	772	776	1,970.40	24.95	125.00	530.40	0.35	0.05
43		692	776	472	1,305.26	24.95	125.00	530.40	0.35	0.03
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	811.48	0.24	0.01
50		350	305	301	2,497.41	37.29	125.00	724.55	0.21	0.01
51		354	301	108	2,656.30	37.29	125.00	723.03	0.21	0.02
52		13	616	112	1,305.41	37.29	125.00	702.42	0.21	0.01
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	54.21	0.16	0.03
55		77	421	433	2,638.07	11.65	130.00	69.29	0.21	0.06
56		81	433	437	2,627.65	11.65	130.00	69.29	0.21	0.05
57		85	441	437	2,659.50	11.65	130.00	-69.29	0.21	0.06
58		89	505	441	2,531.20	7.98	130.00	-24.36	0.16	0.05
59		93	513	505	979.51	7.98	130.00	-24.36	0.16	0.02
60		97	485	489	2,972.07	7.98	130.00	33.65	0.22	0.10
61		101	481	485	2,279.44	7.98	130.00	50.38	0.32	0.17
62		113	473	469	2,522.05	7.98	130.00	8.82	0.06	0.01
63		117	469	465	2,644.74	7.98	130.00	10.34	0.07	0.01
64		121	465	593	1,363.13	7.98	130.00	10.34	0.07	0.01
65		125	108	461	2,675.53	9.79	130.00	19.96	0.09	0.01
66		129	461	457	1,234.15	7.98	130.00	-5.65	0.04	0.00
67		141	449	445	1,309.71	7.98	130.00	5.34	0.03	0.00
68		145	445	388	2,642.50	7.98	130.00	10.61	0.07	0.01

Phase 2 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	-11.32	0.07	0.01
70	■	153	501	601	1,333.42	7.98	130.00	11.50	0.07	0.01
71	■	157	132	648	2,654.70	7.98	130.00	-14.36	0.09	0.02
72	■	161	124	537	417.85	7.98	130.00	16.74	0.11	0.00
73	■	169	120	429	2,624.93	7.98	130.00	20.67	0.13	0.04
74	■	173	441	429	2,638.61	7.98	130.00	-49.37	0.32	0.19
75	■	177	429	549	1,360.38	7.98	130.00	-1.65	0.01	0.000
76	■	181	553	429	1,306.36	7.98	130.00	27.05	0.17	0.03
77	■	185	112	545	1,538.75	7.98	130.00	64.31	0.41	0.18
78	■	189	493	441	1,942.81	11.65	130.00	-94.30	0.28	0.07
79	■	193	497	493	2,360.85	11.65	130.00	-158.61	0.48	0.23
80	■	197	509	497	961.80	11.65	130.00	253.78	0.76	0.22
81	■	201	305	509	2,270.74	7.98	130.00	77.70	0.50	0.37
82	■	205	585	509	1,346.17	11.65	130.00	176.08	0.53	0.16
83	■	209	489	513	1,629.81	7.98	130.00	33.65	0.22	0.06
84	■	213	497	513	2,460.69	7.98	130.00	-58.01	0.37	0.23
85	■	221	421	425	2,629.64	7.98	130.00	-15.08	0.10	0.02
86	■	225	301	469	2,658.75	7.98	130.00	1.52	0.01	0.000
87	■	229	581	473	1,282.87	7.98	130.00	8.82	0.06	0.00
88	■	233	120	501	2,642.27	7.98	130.00	0.18	0.00	0.00
89	■	237	309	481	1,329.84	7.98	130.00	32.37	0.21	0.04
90	■	241	461	445	2,595.34	7.98	130.00	5.27	0.03	0.00
91	■	253	529	525	644.66	7.98	130.00	9.23	0.06	0.00
92	■	257	305	529	357.19	7.98	130.00	9.23	0.06	0.00
93	■	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	■	265	537	425	2,202.23	7.98	130.00	16.74	0.11	0.02
95	■	269	541	648	2,251.06	7.98	130.00	2.86	0.02	0.000
96	■	28	124	128	2,658.99	37.29	125.00	590.25	0.17	0.01
97	■	51	493	545	1,231.34	7.98	130.00	-64.31	0.41	0.14
98	■	55	425	549	1,301.55	7.98	130.00	1.65	0.01	0.000
99	■	59	112	553	1,319.39	7.98	130.00	27.05	0.17	0.03
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	18.02	0.12	0.01

Phase 2 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-9.23	0.06	0.00
104		95	589	577	1,331.88	7.98	130.00	18.02	0.12	0.01
105		99	585	485	1,305.19	7.98	130.00	-16.73	0.11	0.01
106		103	309	585	2,271.95	11.65	130.00	159.35	0.48	0.22
107		107	589	581	1,331.70	7.98	130.00	-0.41	0.00	0.00
108		111	309	589	1,340.90	7.98	130.00	17.60	0.11	0.01
109		115	108	593	1,289.66	7.98	130.00	0.65	0.00	0.0000
110		119	593	457	2,617.81	7.98	130.00	10.99	0.07	0.01
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	530.40	0.35	0.03
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.0000
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	550.40	0.16	0.00
122		215	176	640	1,682.32	24.95	125.00	530.40	0.35	0.04
123		219	640	188	1,235.07	24.95	125.00	530.40	0.35	0.03
124		223	196	204	1,894.43	24.95	125.00	530.40	0.35	0.05
125		243	661	144	1,338.30	37.29	125.00	550.40	0.16	0.00
126		247	457	449	2,594.24	7.98	130.00	5.34	0.03	0.00
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	530.40	0.35	0.04
132		271	204	597	1,507.13	24.95	125.00	530.40	0.35	0.04
133		275	220	232	1,488.55	24.95	125.00	530.40	0.35	0.04
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
136		287	461	116	2,702.94	9.79	130.00	20.34	0.09	0.01

Phase 2 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.0000
2		16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4		24	120	124	2,664.16	37.29	125.00	18.43	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.53	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.0000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.0000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.0000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.0000
20		288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
21		292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
22		296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
23		304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	0.12	0.0000	0.00

Phase 2 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.0000
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
40		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
41		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
42		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
43		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
50		350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
51		354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.00
52		13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
55		77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
56		81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
57		85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
58		89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
59		93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
60		97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
61		101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
62		113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
63		117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
64		121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.00
65		125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.0000
66		129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00
67		141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
68		145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000

Phase 2 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
70	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.00
71	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
72	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
73	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
74	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
75	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
76	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
77	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
78	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
79	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
80	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
81	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
82	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
83	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
84	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.0000	0.00
85	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.0000
86	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
87	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
88	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
90	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.0000	0.00
91	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
92	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
93	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.0000
95	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.0000	0.00
96	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.53	0.01	0.00
97	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
98	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.00
99	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
100	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
102	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
104	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
107	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
108	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
109	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
110	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.0000
111	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
113	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
122	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
123	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
124	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
126	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
127	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
132	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
133	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000

Phase 2 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4		24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.52	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
20		288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
21		292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
22		296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
23		304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	0.12	0.000	0.00

Phase 2 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
40		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
41		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
42		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
43		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
50		350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
51		354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
52		13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
55		77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
56		81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
57		85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
58		89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
59		93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
60		97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
61		101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
62		113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
63		117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
64		121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
65		125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
66		129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00
67		141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
68		145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000

Phase 2 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
70		153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
71		157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
72		161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
73		169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
74		173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
75		177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
76		181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
77		185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
78		189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
79		193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
80		197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
81		201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
82		205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
83		209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
84		213	497	513	2,460.69	7.98	130.00	0.11	0.0000	0.00
85		221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.00
86		225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
87		229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
88		233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
89		237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
90		241	461	445	2,595.34	7.98	130.00	0.14	0.0000	0.00
91		253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
92		257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
93		261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94		265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.00
95		269	541	648	2,251.06	7.98	130.00	0.12	0.0000	0.00
96		28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
97		51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
98		55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.0000
99		59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
100		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102		87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
104		95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
105		99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
106		103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
107		107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
108		111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
109		115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
110		119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
122		215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
123		219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
124		223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
125		243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
126		247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
132		271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
133		275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000

Phase 2 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4		24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.52	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.0000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.0000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.0000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.0000
20		288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
21		292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
22		296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
23		304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	0.12	0.0000	0.00

Phase 2 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
40		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
41		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
42		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
43		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
50		350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
51		354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
52		13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
55		77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
56		81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
57		85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
58		89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
59		93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
60		97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
61		101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
62		113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
63		117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
64		121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
65		125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
66		129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00
67		141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
68		145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000

Phase 2 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
70	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
71	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
72	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
73	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
74	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
75	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
76	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
77	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
78	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
79	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
80	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
81	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
82	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
83	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
84	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.0000	0.00
85	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.0000
86	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
87	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
88	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
90	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.0000	0.00
91	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
92	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
93	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.0000
95	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.0000	0.00
96	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
97	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
98	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.00
99	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
100	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
102	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
104	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
107	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
108	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
109	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
110	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
111	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
113	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
122	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
123	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
124	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
126	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
127	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
132	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
133	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000

Phase 2 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.0000
2		16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4		24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.53	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.0000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.0000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.0000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.0000
20		288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
21		292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
22		296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
23		304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	0.12	0.0000	0.00

Phase 2 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.0000
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
40		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
41		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
42		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
43		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
50		350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
51		354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.00
52		13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
55		77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
56		81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
57		85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
58		89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
59		93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
60		97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
61		101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
62		113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
63		117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
64		121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.00
65		125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.0000
66		129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00
67		141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
68		145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000

Phase 2 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
70	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.00
71	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
72	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
73	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
74	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
75	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
76	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
77	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
78	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
79	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
80	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
81	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
82	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
83	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
84	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.0000	0.00
85	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.0000
86	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
87	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
88	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
90	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.0000	0.00
91	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
92	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
93	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.0000
95	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.0000	0.00
96	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
97	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
98	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.00
99	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
100	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
102	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
104	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
107	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
108	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
109	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
110	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.0000
111	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
113	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
122	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
123	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
124	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
126	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
127	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
132	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
133	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000

Phase 2 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4		24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.53	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.0000
17		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.0000
18		240	336	340	713.16	13.50	130.00	10.00	0.02	0.0000
19		244	340	344	498.98	13.50	130.00	10.00	0.02	0.0000
20		288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
21		292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
22		296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
23		304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
27		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
28		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
29		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
30		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
33		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00
34		544	124	541	400.02	7.98	130.00	0.12	0.0000	0.00

Phase 2 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
36		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
37		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
38		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
39		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
40		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
41		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
42		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
43		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
50		350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
51		354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
52		13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
53		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
54		73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
55		77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
56		81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
57		85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
58		89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
59		93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
60		97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
61		101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
62		113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
63		117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
64		121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
65		125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
66		129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00
67		141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
68		145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000

Phase 2 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
70	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
71	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
72	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
73	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
74	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
75	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
76	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
77	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
78	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
79	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
80	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
81	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
82	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
83	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
84	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.0000	0.00
85	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.0000
86	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
87	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
88	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
90	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.0000	0.00
91	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
92	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
93	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.0000
95	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.0000	0.00
96	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
97	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
98	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.00
99	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
100	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
104		95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
105		99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
106		103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
107		107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
108		111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
109		115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
110		119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
111		123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
112		127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
113		300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
114		131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
122		215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
123		219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
124		223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
125		243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
126		247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
127		251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
131		267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
132		271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
133		275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000

Phase 2 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 2 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	5,968.18	1.75	0.40
2		16	112	116	2,648.78	37.29	125.00	4,026.28	1.18	0.38
3		20	116	120	2,632.40	37.29	125.00	3,590.15	1.05	0.31
4		24	120	124	2,664.16	37.29	125.00	3,015.91	0.89	0.22
5		32	128	132	2,630.80	37.29	125.00	1,897.63	0.56	0.09
6		36	132	136	2,587.05	37.29	125.00	1,731.75	0.51	0.08
7		48	144	560	970.26	31.07	125.00	581.42	0.25	0.01
8		52	148	152	1,692.36	31.07	125.00	419.05	0.18	0.01
9		56	152	156	859.54	31.07	125.00	419.05	0.18	0.00
10		60	156	160	418.07	31.07	125.00	419.05	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	1,150.33	0.75	0.13
12		136	232	528	287.76	24.95	125.00	261.54	0.17	0.00
13		140	236	240	492.63	24.95	125.00	256.30	0.17	0.00
14		144	240	244	697.16	7.98	130.00	76.86	0.49	0.11
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	200.03	0.45	0.19
17		232	328	332	1,371.33	13.50	130.00	200.03	0.45	0.10
18		240	336	340	713.16	13.50	130.00	167.11	0.37	0.04
19		244	340	344	498.98	13.50	130.00	167.11	0.37	0.03
20		288	388	392	463.24	7.98	130.00	193.62	1.24	0.41
21		292	392	396	429.31	7.98	130.00	42.89	0.28	0.02
22		296	396	400	612.83	7.98	130.00	-8.56	0.05	0.00
23		304	116	388	2,639.34	7.98	130.00	193.97	1.24	2.34
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	74.19	0.48	0.07
27		436	528	236	1,003.15	24.95	125.00	256.30	0.17	0.01
28		448	560	148	1,668.69	31.07	125.00	419.05	0.18	0.01
29		452	560	536	151.48	7.98	130.00	162.37	1.04	0.10
30		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	485.11	2.07	1.77
33		540	644	636	875.70	9.79	130.00	485.11	2.07	1.57
34		544	124	541	400.02	7.98	130.00	233.18	1.50	0.50

Phase 2 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	157.42	1.01	0.79
36		628	636	728	597.05	9.79	130.00	485.11	2.07	1.07
37		632	728	732	1,139.76	9.79	130.00	485.11	2.07	2.04
38		668	732	760	995.88	7.98	130.00	485.11	3.11	4.82
39		676	240	764	967.46	24.95	125.00	179.44	0.12	0.00
40		680	764	768	1,174.23	24.95	125.00	179.44	0.12	0.00
41		684	768	772	1,356.13	24.95	125.00	179.44	0.12	0.00
42		688	772	776	1,970.40	24.95	125.00	179.44	0.12	0.01
43		692	776	472	1,305.26	24.95	125.00	179.44	0.12	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	7,522.94	2.21	0.60
50		350	305	301	2,497.41	37.29	125.00	6,832.05	2.01	0.95
51		354	301	108	2,656.30	37.29	125.00	6,504.54	1.91	0.93
52		13	616	112	1,305.41	37.29	125.00	4,678.01	1.37	0.25
53		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
54		73	128	421	2,606.90	11.65	130.00	322.47	0.97	0.94
55		77	421	433	2,638.07	11.65	130.00	161.12	0.48	0.26
56		81	433	437	2,627.65	11.65	130.00	123.35	0.37	0.16
57		85	441	437	2,659.50	11.65	130.00	68.14	0.21	0.05
58		89	505	441	2,531.20	7.98	130.00	40.64	0.26	0.12
59		93	513	505	979.51	7.98	130.00	181.10	1.16	0.76
60		97	485	489	2,972.07	7.98	130.00	142.01	0.91	1.48
61		101	481	485	2,279.44	7.98	130.00	157.73	1.01	1.38
62		113	473	469	2,522.05	7.98	130.00	75.08	0.48	0.39
63		117	469	465	2,644.74	7.98	130.00	82.22	0.53	0.48
64		121	465	593	1,363.13	7.98	130.00	-45.22	0.29	0.08
65		125	108	461	2,675.53	9.79	130.00	244.98	1.04	1.35
66		129	461	457	1,234.15	7.98	130.00	62.22	0.40	0.13
67		141	449	445	1,309.71	7.98	130.00	107.68	0.69	0.39
68		145	445	388	2,642.50	7.98	130.00	99.76	0.64	0.68

Phase 2 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	69.57	0.45	0.15
70	■	153	501	601	1,333.42	7.98	130.00	15.73	0.10	0.01
71	■	157	132	648	2,654.70	7.98	130.00	127.33	0.82	1.08
72	■	161	124	537	417.85	7.98	130.00	325.85	2.09	0.97
73	■	169	120	429	2,624.93	7.98	130.00	164.13	1.05	1.71
74	■	173	441	429	2,638.61	7.98	130.00	21.88	0.14	0.04
75	■	177	429	549	1,360.38	7.98	130.00	58.41	0.37	0.13
76	■	181	553	429	1,306.36	7.98	130.00	143.54	0.92	0.66
77	■	185	112	545	1,538.75	7.98	130.00	244.63	1.57	2.10
78	■	189	493	441	1,942.81	11.65	130.00	204.22	0.61	0.30
79	■	193	497	493	2,360.85	11.65	130.00	379.91	1.14	1.15
80	■	197	509	497	961.80	11.65	130.00	473.17	1.42	0.70
81	■	201	305	509	2,270.74	7.98	130.00	228.53	1.47	2.73
82	■	205	585	509	1,346.17	11.65	130.00	463.91	1.40	0.95
83	■	209	489	513	1,629.81	7.98	130.00	87.83	0.56	0.33
84	■	213	497	513	2,460.69	7.98	130.00	93.27	0.60	0.56
85	■	221	421	425	2,629.64	7.98	130.00	87.37	0.56	0.53
86	■	225	301	469	2,658.75	7.98	130.00	137.91	0.88	1.25
87	■	229	581	473	1,282.87	7.98	130.00	142.79	0.92	0.65
88	■	233	120	501	2,642.27	7.98	130.00	192.73	1.24	2.32
89	■	237	309	481	1,329.84	7.98	130.00	213.11	1.37	1.40
90	■	241	461	445	2,595.34	7.98	130.00	144.51	0.93	1.33
91	■	253	529	525	644.66	7.98	130.00	190.66	1.22	0.55
92	■	257	305	529	357.19	7.98	130.00	279.61	1.79	0.62
93	■	261	437	533	223.30	7.98	130.00	136.59	0.88	0.10
94	■	265	537	425	2,202.23	7.98	130.00	106.08	0.68	0.64
95	■	269	541	648	2,251.06	7.98	130.00	119.24	0.76	0.81
96	■	28	124	128	2,658.99	37.29	125.00	2,308.96	0.68	0.14
97	■	51	493	545	1,231.34	7.98	130.00	34.24	0.22	0.04
98	■	55	425	549	1,301.55	7.98	130.00	13.11	0.08	0.01
99	■	59	112	553	1,319.39	7.98	130.00	239.66	1.54	1.73
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	56.16	0.36	0.12

Phase 2 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-6.92	0.04	0.000
104		95	589	577	1,331.88	7.98	130.00	56.16	0.36	0.12
105		99	585	485	1,305.19	7.98	130.00	109.92	0.71	0.40
106		103	309	585	2,271.95	11.65	130.00	573.83	1.73	2.38
107		107	589	581	1,331.70	7.98	130.00	135.87	0.87	0.61
108		111	309	589	1,340.90	7.98	130.00	192.03	1.23	1.17
109		115	108	593	1,289.66	7.98	130.00	151.43	0.97	0.72
110		119	593	457	2,617.81	7.98	130.00	106.21	0.68	0.76
111		123	597	216	669.16	7.98	130.00	249.42	1.60	0.95
112		127	597	220	1,179.22	24.95	125.00	746.65	0.49	0.05
113		300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
114		131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	1,731.75	0.51	0.04
122		215	176	640	1,682.32	24.95	125.00	1,150.33	0.75	0.17
123		219	640	188	1,235.07	24.95	125.00	996.07	0.65	0.09
124		223	196	204	1,894.43	24.95	125.00	996.07	0.65	0.14
125		243	661	144	1,338.30	37.29	125.00	1,731.75	0.51	0.04
126		247	457	449	2,594.24	7.98	130.00	110.44	0.71	0.81
127		251	160	168	2,409.91	31.07	125.00	419.05	0.18	0.01
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	167.11	0.37	0.08
131		267	188	196	1,647.77	24.95	125.00	996.07	0.65	0.13
132		271	204	597	1,507.13	24.95	125.00	996.07	0.65	0.12
133		275	220	232	1,488.55	24.95	125.00	746.65	0.49	0.07
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	-112.38	0.48	0.32

Phase 2 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	-34.85	0.15	0.01
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	-34.85	0.15	0.01
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	-34.85	0.15	0.02
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	34.85	0.15	0.01
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	157.11	0.47	0.07
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	34.85	0.15	0.01
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	34.85	0.15	0.01
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	122.26	0.52	0.10
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	-34.85	0.15	0.01
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	34.85	0.15	0.01
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	157.11	0.47	0.07
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	157.11	0.47	0.10
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	157.11	0.35	0.04
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	34.85	0.15	0.00

Phase 2 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	5,968.18	1.75	0.40
2		16	112	116	2,648.78	37.29	125.00	4,026.28	1.18	0.38
3		20	116	120	2,632.40	37.29	125.00	3,590.14	1.05	0.31
4		24	120	124	2,664.16	37.29	125.00	3,015.91	0.89	0.22
5		32	128	132	2,630.80	37.29	125.00	1,897.63	0.56	0.09
6		36	132	136	2,587.05	37.29	125.00	1,731.75	0.51	0.08
7		48	144	560	970.26	31.07	125.00	581.42	0.25	0.01
8		52	148	152	1,692.36	31.07	125.00	419.05	0.18	0.01
9		56	152	156	859.54	31.07	125.00	419.05	0.18	0.00
10		60	156	160	418.07	31.07	125.00	419.05	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	1,150.33	0.75	0.13
12		136	232	528	287.76	24.95	125.00	261.54	0.17	0.00
13		140	236	240	492.63	24.95	125.00	256.30	0.17	0.00
14		144	240	244	697.16	7.98	130.00	76.86	0.49	0.11
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	200.03	0.45	0.19
17		232	328	332	1,371.33	13.50	130.00	200.03	0.45	0.10
18		240	336	340	713.16	13.50	130.00	167.11	0.37	0.04
19		244	340	344	498.98	13.50	130.00	167.11	0.37	0.03
20		288	388	392	463.24	7.98	130.00	193.63	1.24	0.41
21		292	392	396	429.31	7.98	130.00	42.89	0.28	0.02
22		296	396	400	612.83	7.98	130.00	-8.55	0.05	0.00
23		304	116	388	2,639.34	7.98	130.00	193.97	1.24	2.34
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	74.19	0.48	0.07
27		436	528	236	1,003.15	24.95	125.00	256.30	0.17	0.01
28		448	560	148	1,668.69	31.07	125.00	419.05	0.18	0.01
29		452	560	536	151.48	7.98	130.00	162.37	1.04	0.10
30		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	485.11	2.07	1.77
33		540	644	636	875.70	9.79	130.00	485.11	2.07	1.57
34		544	124	541	400.02	7.98	130.00	233.19	1.50	0.50

Phase 2 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	157.42	1.01	0.79
36		628	636	728	597.05	9.79	130.00	485.11	2.07	1.07
37		632	728	732	1,139.76	9.79	130.00	485.11	2.07	2.04
38		668	732	760	995.88	7.98	130.00	485.11	3.11	4.82
39		676	240	764	967.46	24.95	125.00	179.44	0.12	0.00
40		680	764	768	1,174.23	24.95	125.00	179.44	0.12	0.00
41		684	768	772	1,356.13	24.95	125.00	179.44	0.12	0.00
42		688	772	776	1,970.40	24.95	125.00	179.44	0.12	0.01
43		692	776	472	1,305.26	24.95	125.00	179.44	0.12	0.00
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	7,522.94	2.21	0.60
50		350	305	301	2,497.41	37.29	125.00	6,832.05	2.01	0.95
51		354	301	108	2,656.30	37.29	125.00	6,504.54	1.91	0.93
52		13	616	112	1,305.41	37.29	125.00	4,678.01	1.37	0.25
53		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
54		73	128	421	2,606.90	11.65	130.00	322.47	0.97	0.94
55		77	421	433	2,638.07	11.65	130.00	161.12	0.48	0.26
56		81	433	437	2,627.65	11.65	130.00	123.35	0.37	0.16
57		85	441	437	2,659.50	11.65	130.00	68.14	0.21	0.05
58		89	505	441	2,531.20	7.98	130.00	40.64	0.26	0.12
59		93	513	505	979.51	7.98	130.00	181.10	1.16	0.76
60		97	485	489	2,972.07	7.98	130.00	142.01	0.91	1.48
61		101	481	485	2,279.44	7.98	130.00	157.73	1.01	1.38
62		113	473	469	2,522.05	7.98	130.00	75.08	0.48	0.39
63		117	469	465	2,644.74	7.98	130.00	82.22	0.53	0.48
64		121	465	593	1,363.13	7.98	130.00	-45.22	0.29	0.08
65		125	108	461	2,675.53	9.79	130.00	244.98	1.04	1.35
66		129	461	457	1,234.15	7.98	130.00	62.22	0.40	0.13
67		141	449	445	1,309.71	7.98	130.00	107.68	0.69	0.39
68		145	445	388	2,642.50	7.98	130.00	99.76	0.64	0.68















Phase 2 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	149	501	400	1,134.29	7.98	130.00	69.57	0.45	0.15
70	■	153	501	601	1,333.42	7.98	130.00	15.73	0.10	0.01
71	■	157	132	648	2,654.70	7.98	130.00	127.33	0.82	1.08
72	■	161	124	537	417.85	7.98	130.00	325.85	2.09	0.97
73	■	169	120	429	2,624.93	7.98	130.00	164.13	1.05	1.71
74	■	173	441	429	2,638.61	7.98	130.00	21.88	0.14	0.04
75	■	177	429	549	1,360.38	7.98	130.00	58.41	0.37	0.13
76	■	181	553	429	1,306.36	7.98	130.00	143.54	0.92	0.66
77	■	185	112	545	1,538.75	7.98	130.00	244.63	1.57	2.10
78	■	189	493	441	1,942.81	11.65	130.00	204.22	0.61	0.30
79	■	193	497	493	2,360.85	11.65	130.00	379.91	1.14	1.15
80	■	197	509	497	961.80	11.65	130.00	473.17	1.42	0.70
81	■	201	305	509	2,270.74	7.98	130.00	228.53	1.47	2.73
82	■	205	585	509	1,346.17	11.65	130.00	463.91	1.40	0.95
83	■	209	489	513	1,629.81	7.98	130.00	87.83	0.56	0.33
84	■	213	497	513	2,460.69	7.98	130.00	93.27	0.60	0.56
85	■	221	421	425	2,629.64	7.98	130.00	87.37	0.56	0.53
86	■	225	301	469	2,658.75	7.98	130.00	137.91	0.88	1.25
87	■	229	581	473	1,282.87	7.98	130.00	142.79	0.92	0.65
88	■	233	120	501	2,642.27	7.98	130.00	192.72	1.24	2.32
89	■	237	309	481	1,329.84	7.98	130.00	213.11	1.37	1.40
90	■	241	461	445	2,595.34	7.98	130.00	144.51	0.93	1.33
91	■	253	529	525	644.66	7.98	130.00	190.66	1.22	0.55
92	■	257	305	529	357.19	7.98	130.00	279.61	1.79	0.62
93	■	261	437	533	223.30	7.98	130.00	136.59	0.88	0.10
94	■	265	537	425	2,202.23	7.98	130.00	106.08	0.68	0.64
95	■	269	541	648	2,251.06	7.98	130.00	119.25	0.76	0.81
96	■	28	124	128	2,658.99	37.29	125.00	2,308.95	0.68	0.14
97	■	51	493	545	1,231.34	7.98	130.00	34.24	0.22	0.04
98	■	55	425	549	1,301.55	7.98	130.00	13.11	0.08	0.01
99	■	59	112	553	1,319.39	7.98	130.00	239.66	1.54	1.73
100	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00
101	■	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102	■	87	577	481	1,319.13	7.98	130.00	56.16	0.36	0.12

Phase 2 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	-6.92	0.04	0.000
104		95	589	577	1,331.88	7.98	130.00	56.16	0.36	0.12
105		99	585	485	1,305.19	7.98	130.00	109.92	0.71	0.40
106		103	309	585	2,271.95	11.65	130.00	573.83	1.73	2.38
107		107	589	581	1,331.70	7.98	130.00	135.87	0.87	0.61
108		111	309	589	1,340.90	7.98	130.00	192.03	1.23	1.17
109		115	108	593	1,289.66	7.98	130.00	151.43	0.97	0.72
110		119	593	457	2,617.81	7.98	130.00	106.21	0.68	0.76
111		123	597	216	669.16	7.98	130.00	249.42	1.60	0.95
112		127	597	220	1,179.22	24.95	125.00	746.65	0.49	0.05
113		300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
114		131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.0000
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	1,731.75	0.51	0.04
122		215	176	640	1,682.32	24.95	125.00	1,150.33	0.75	0.17
123		219	640	188	1,235.07	24.95	125.00	996.07	0.65	0.09
124		223	196	204	1,894.43	24.95	125.00	996.07	0.65	0.14
125		243	661	144	1,338.30	37.29	125.00	1,731.75	0.51	0.04
126		247	457	449	2,594.24	7.98	130.00	110.44	0.71	0.81
127		251	160	168	2,409.91	31.07	125.00	419.05	0.18	0.01
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
130		263	332	336	1,475.86	13.50	130.00	167.11	0.37	0.08
131		267	188	196	1,647.77	24.95	125.00	996.07	0.65	0.13
132		271	204	597	1,507.13	24.95	125.00	996.07	0.65	0.12
133		275	220	232	1,488.55	24.95	125.00	746.65	0.49	0.07
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	-112.39	0.48	0.32

Phase 2 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		307	713	709	403.48	9.79	130.00	-34.85	0.15	0.01
138		311	709	705	611.58	9.79	130.00	-34.85	0.15	0.01
139		319	701	697	1,692.26	9.79	130.00	-34.85	0.15	0.02
140		391	761	693	664.15	9.79	130.00	34.85	0.15	0.01
141		411	753	681	694.40	11.65	130.00	157.11	0.47	0.07
142		415	717	757	639.38	9.79	130.00	34.85	0.15	0.01
143		419	757	741	1,033.11	9.79	130.00	34.85	0.15	0.01
144		303	717	713	686.37	9.79	130.00	122.26	0.52	0.10
145		315	705	701	822.74	9.79	130.00	-34.85	0.15	0.01
146		363	693	697	811.24	9.79	130.00	34.85	0.15	0.01
147		371	681	717	778.76	11.65	130.00	157.11	0.47	0.07
148		407	677	753	1,085.06	11.65	130.00	157.11	0.47	0.10
149		235	665	677	964.00	13.50	130.00	157.11	0.35	0.04
150		431	741	761	338.57	9.79	130.00	34.85	0.15	0.00

Phase 2 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	9,807.24	2.88	1.00
2		16	112	116	2,648.78	37.29	125.00	6,997.55	2.06	1.06
3		20	116	120	2,632.40	37.29	125.00	6,598.59	1.94	0.94
4		24	120	124	2,664.16	37.29	125.00	5,907.13	1.74	0.78
5		32	128	132	2,630.80	37.29	125.00	4,483.60	1.32	0.46
6		36	132	136	2,587.05	37.29	125.00	4,305.29	1.26	0.42
7		48	144	560	970.26	31.07	125.00	2,373.22	1.00	0.13
8		52	148	152	1,692.36	31.07	125.00	1,972.12	0.83	0.16
9		56	152	156	859.54	31.07	125.00	1,972.12	0.83	0.08
10		60	156	160	418.07	31.07	125.00	1,972.12	0.83	0.04
11		76	144	176	1,315.87	24.95	125.00	1,932.07	1.27	0.34
12		136	232	528	287.76	24.95	125.00	628.74	0.41	0.01
13		140	236	240	492.63	24.95	125.00	578.70	0.38	0.01
14		144	240	244	697.16	7.98	130.00	285.48	1.83	1.26
15		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
16		228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
17		232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
18		240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
19		244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
20		288	388	392	463.24	7.98	130.00	338.18	2.17	1.15
21		292	392	396	429.31	7.98	130.00	108.80	0.70	0.13
22		296	396	400	612.83	7.98	130.00	16.54	0.11	0.01
23		304	116	388	2,639.34	7.98	130.00	261.52	1.68	4.07
24		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
25		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
26		384	472	476	493.59	7.98	130.00	133.06	0.85	0.22
27		436	528	236	1,003.15	24.95	125.00	578.70	0.38	0.03
28		448	560	148	1,668.69	31.07	125.00	1,972.12	0.83	0.16
29		452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
30		492	168	385	2,660.53	7.98	130.00	318.08	2.04	5.90
31		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
32		532	232	644	988.66	9.79	130.00	702.58	2.99	3.51
33		540	644	636	875.70	9.79	130.00	702.58	2.99	3.11
34		544	124	541	400.02	7.98	130.00	353.23	2.27	1.08

Phase 2 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		548	648	601	1,316.13	7.98	130.00	199.50	1.28	1.23
36		628	636	728	597.05	9.79	130.00	702.58	2.99	2.12
37		632	728	732	1,139.76	9.79	130.00	702.58	2.99	4.05
38		668	732	760	995.88	7.98	130.00	702.58	4.51	9.58
39		676	240	764	967.46	24.95	125.00	293.22	0.19	0.01
40		680	764	768	1,174.23	24.95	125.00	293.22	0.19	0.01
41		684	768	772	1,356.13	24.95	125.00	293.22	0.19	0.01
42		688	772	776	1,970.40	24.95	125.00	293.22	0.19	0.02
43		692	776	472	1,305.26	24.95	125.00	293.22	0.19	0.01
44		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
45		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
46		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
47		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
48		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
49		342	309	305	1,312.75	37.29	125.00	11,711.33	3.44	1.36
50		350	305	301	2,497.41	37.29	125.00	10,815.77	3.18	2.24
51		354	301	108	2,656.30	37.29	125.00	10,464.20	3.07	2.24
52		13	616	112	1,305.41	37.29	125.00	7,843.94	2.30	0.64
53		41	385	596	673.16	7.98	130.00	318.08	2.04	1.49
54		73	128	421	2,606.90	11.65	130.00	358.13	1.08	1.14
55		77	421	433	2,638.07	11.65	130.00	140.63	0.42	0.20
56		81	433	437	2,627.65	11.65	130.00	102.86	0.31	0.11
57		85	441	437	2,659.50	11.65	130.00	272.24	0.82	0.70
58		89	505	441	2,531.20	7.98	130.00	138.41	0.89	1.20
59		93	513	505	979.51	7.98	130.00	278.87	1.79	1.70
60		97	485	489	2,972.07	7.98	130.00	208.85	1.34	3.02
61		101	481	485	2,279.44	7.98	130.00	214.37	1.38	2.43
62		113	473	469	2,522.05	7.98	130.00	112.15	0.72	0.81
63		117	469	465	2,644.74	7.98	130.00	143.35	0.92	1.34
64		121	465	593	1,363.13	7.98	130.00	15.91	0.10	0.01
65		125	108	461	2,675.53	9.79	130.00	356.81	1.52	2.71
66		129	461	457	1,234.15	7.98	130.00	29.44	0.19	0.03
67		141	449	445	1,309.71	7.98	130.00	144.80	0.93	0.68
68		145	445	388	2,642.50	7.98	130.00	176.77	1.13	1.97

Phase 2 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		149	501	400	1,134.29	7.98	130.00	92.89	0.60	0.26
70		153	501	601	1,333.42	7.98	130.00	63.98	0.41	0.15
71		157	132	648	2,654.70	7.98	130.00	139.76	0.90	1.28
72		161	124	537	417.85	7.98	130.00	475.38	3.05	1.95
73		169	120	429	2,624.93	7.98	130.00	209.78	1.35	2.69
74		173	441	429	2,638.61	7.98	130.00	92.97	0.60	0.60
75		177	429	549	1,360.38	7.98	130.00	216.74	1.39	1.48
76		181	553	429	1,306.36	7.98	130.00	185.14	1.19	1.06
77		185	112	545	1,538.75	7.98	130.00	321.42	2.06	3.48
78		189	493	441	1,942.81	11.65	130.00	381.63	1.15	0.96
79		193	497	493	2,360.85	11.65	130.00	626.02	1.88	2.90
80		197	509	497	961.80	11.65	130.00	750.22	2.26	1.65
81		201	305	509	2,270.74	7.98	130.00	306.72	1.97	4.71
82		205	585	509	1,346.17	11.65	130.00	662.76	1.99	1.84
83		209	489	513	1,629.81	7.98	130.00	154.67	0.99	0.95
84		213	497	513	2,460.69	7.98	130.00	124.20	0.80	0.96
85		221	421	425	2,629.64	7.98	130.00	143.52	0.92	1.33
86		225	301	469	2,658.75	7.98	130.00	161.96	1.04	1.69
87		229	581	473	1,282.87	7.98	130.00	179.86	1.15	0.99
88		233	120	501	2,642.27	7.98	130.00	264.31	1.70	4.16
89		237	309	481	1,329.84	7.98	130.00	276.31	1.77	2.27
90		241	461	445	2,595.34	7.98	130.00	184.40	1.18	2.10
91		253	529	525	644.66	7.98	130.00	246.55	1.58	0.89
92		257	305	529	357.19	7.98	130.00	406.08	2.60	1.24
93		261	437	533	223.30	7.98	130.00	320.20	2.05	0.50
94		265	537	425	2,202.23	7.98	130.00	140.95	0.90	1.08
95		269	541	648	2,251.06	7.98	130.00	148.90	0.96	1.22
96		28	124	128	2,658.99	37.29	125.00	4,930.59	1.45	0.56
97		51	493	545	1,231.34	7.98	130.00	102.94	0.66	0.34
98		55	425	549	1,301.55	7.98	130.00	104.13	0.67	0.36
99		59	112	553	1,319.39	7.98	130.00	357.53	2.29	3.63
100		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000
101		83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
102		87	577	481	1,319.13	7.98	130.00	49.61	0.32	0.09



Phase 2 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103		91	581	525	347.64	7.98	130.00	33.05	0.21	0.01
104		95	589	577	1,331.88	7.98	130.00	49.61	0.32	0.09
105		99	585	485	1,305.19	7.98	130.00	120.12	0.77	0.48
106		103	309	585	2,271.95	11.65	130.00	782.88	2.36	4.23
107		107	589	581	1,331.70	7.98	130.00	212.92	1.37	1.40
108		111	309	589	1,340.90	7.98	130.00	262.52	1.68	2.08
109		115	108	593	1,289.66	7.98	130.00	160.20	1.03	0.80
110		119	593	457	2,617.81	7.98	130.00	176.11	1.13	1.94
111		123	597	216	669.16	7.98	130.00	400.71	2.57	2.27
112		127	597	220	1,179.22	24.95	125.00	1,331.32	0.87	0.15
113		300	400	404	867.39	7.98	130.00	109.43	0.70	0.27
114		131	601	652	381.84	7.98	130.00	263.48	1.69	0.60
115		155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
116		159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
117		179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
118		183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
119		195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
120		203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
121		207	136	661	1,305.71	37.29	125.00	4,305.29	1.26	0.21
122		215	176	640	1,682.32	24.95	125.00	1,932.07	1.27	0.44
123		219	640	188	1,235.07	24.95	125.00	1,732.03	1.14	0.26
124		223	196	204	1,894.43	24.95	125.00	1,732.03	1.14	0.40
125		243	661	144	1,338.30	37.29	125.00	4,305.29	1.26	0.22
126		247	457	449	2,594.24	7.98	130.00	147.56	0.95	1.39
127		251	160	168	2,409.91	31.07	125.00	1,972.12	0.83	0.22
128		255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
129		259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
130		263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
131		267	188	196	1,647.77	24.95	125.00	1,732.03	1.14	0.35
132		271	204	597	1,507.13	24.95	125.00	1,732.03	1.14	0.32
133		275	220	232	1,488.55	24.95	125.00	1,331.32	0.87	0.19
134		279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000
135		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
136		287	461	116	2,702.94	9.79	130.00	-7.66	0.03	0.00



Phase 2 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	303.06	1.29	0.30
138	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
139	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
140	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
141	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
142	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
143	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
144	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
145	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
146	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
147	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
148	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
149	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
150	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	297.26	1.27	0.24



Phase 2 Pump Report for t = 0:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	13,033.04	115.53
2		1203	344	665	1,611.12	82.51



Phase 2 Pump Report for t = 1:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	11,285.59	115.49
2		1203	344	665	1,611.12	79.93



Phase 2 Pump Report for t = 2:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	9,702.38	115.51
2		1203	344	665	1,367.13	70.55



Phase 2 Pump Report for t = 3:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	8,919.93	115.53
2		1203	344	665	716.65	56.76



Phase 2 Pump Report for t = 4:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	4,037.27	115.55
2		1203	344	665	10.00	46.71



Phase 2 Pump Report for t = 5:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	4,037.27	115.55
2		1203	344	665	10.00	46.71



Phase 2 Pump Report for t = 6:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 2 Pump Report for t = 7:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	3,534.68	115.56
2		1203	344	665	10.00	48.43



Phase 2 Pump Report for t = 8:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	3,534.68	115.56
2		1203	344	665	10.00	48.43



Phase 2 Pump Report for t = 9:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	3,534.68	115.56
2		1203	344	665	10.00	48.43



Phase 2 Pump Report for t = 10:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	3,534.68	115.56
2		1203	344	665	10.00	48.43



Phase 2 Pump Report for t = 11:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	3,534.68	115.56
2		1203	344	665	10.00	48.43



Phase 2 Pump Report for t = 12:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	3,534.68	115.56
2		1203	344	665	10.00	48.43



Phase 2 Pump Report for t = 13:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	1,020.81	115.51
2		1203	344	665	10.00	45.98



Phase 2 Pump Report for t = 14:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	1,020.80	115.50
2		1203	344	665	10.00	45.98



Phase 2 Pump Report for t = 15:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	1,020.80	115.51
2		1203	344	665	10.00	45.98



Phase 2 Pump Report for t = 16:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	1,020.80	115.51
2		1203	344	665	10.00	45.98



Phase 2 Pump Report for t = 17:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	20.01	115.50
2		1203	344	665	10.00	45.85



Phase 2 Pump Report for t = 18:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 2 Pump Report for t = 19:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 2 Pump Report for t = 20:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 2 Pump Report for t = 21:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 2 Pump Report for t = 22:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	8,501.91	115.54
2		1203	344	665	167.11	50.79

Phase 2 Pump Report for t = 23:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	8,501.92	115.54
2		1203	344	665	167.11	50.79

Phase 2 Pump Report for t = 24:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1201	2006	309	13,033.04	115.48
2		1203	344	665	1,611.12	82.35

Phase 3 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	491.71	53.21
2	<input type="checkbox"/>	112	167.43	374.62	490.06	50.02
3	<input type="checkbox"/>	116	129.78	378.08	489.01	48.06
4	<input type="checkbox"/>	120	217.38	385.56	488.06	44.41
5	<input type="checkbox"/>	124	147.93	387.85	487.28	43.09
6	<input type="checkbox"/>	128	88.86	390.02	486.73	41.90
7	<input type="checkbox"/>	132	38.55	383.45	486.27	44.55
8	<input type="checkbox"/>	136	0.00	377.67	485.85	46.87
9	<input type="checkbox"/>	144	0.00	382.00	485.42	44.81
10	<input type="checkbox"/>	148	0.00	384.90	485.13	43.43
11	<input type="checkbox"/>	152	0.00	387.06	484.98	42.43
12	<input type="checkbox"/>	156	0.00	387.15	484.90	42.35
13	<input type="checkbox"/>	160	0.00	385.30	484.86	43.14
14	<input type="checkbox"/>	168	0.00	392.25	484.63	40.03
15	<input type="checkbox"/>	176	0.00	377.66	485.07	46.54
16	<input type="checkbox"/>	188	0.00	371.85	484.37	48.75
17	<input type="checkbox"/>	196	0.00	372.77	484.02	48.20
18	<input type="checkbox"/>	204	0.00	368.10	483.61	50.05
19	<input type="checkbox"/>	216	400.71	367.60	481.02	49.14
20	<input type="checkbox"/>	220	0.00	362.39	483.14	52.32
21	<input type="checkbox"/>	232	0.00	361.59	482.94	52.58
22	<input type="checkbox"/>	236	0.00	360.09	482.91	53.22
23	<input type="checkbox"/>	240	0.00	358.49	482.89	53.90
24	<input type="checkbox"/>	244	285.48	358.05	481.63	53.55
25	<input type="checkbox"/>	272	0.00	351.43	482.84	56.94
26	<input type="checkbox"/>	276	0.00	349.80	482.84	57.65
27	<input type="checkbox"/>	280	0.00	346.15	482.84	59.23
28	<input type="checkbox"/>	288	0.00	375.46	484.86	47.40
29	<input type="checkbox"/>	328	0.00	397.27	475.19	33.76

Phase 3 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	32.92	401.51	470.27	29.79
31	<input type="checkbox"/>	336	0.00	407.21	465.17	25.12
32	<input type="checkbox"/>	340	0.00	406.47	462.71	24.37
33	<input type="checkbox"/>	344	0.00	404.87	460.99	24.32
34	<input type="checkbox"/>	388	100.11	376.45	484.93	47.01
35	<input type="checkbox"/>	392	229.38	377.15	483.78	46.20
36	<input type="checkbox"/>	396	92.27	378.22	483.65	45.68
37	<input type="checkbox"/>	400	0.00	381.65	483.65	44.20
38	<input type="checkbox"/>	404	109.43	379.03	483.38	45.21
39	<input type="checkbox"/>	472	160.16	352.64	482.84	56.41
40	<input type="checkbox"/>	476	133.06	350.72	482.62	57.15
41	<input type="checkbox"/>	480	0.00	351.63	482.84	56.85
42	<input type="checkbox"/>	528	50.05	361.17	482.93	52.76
43	<input type="checkbox"/>	536	401.10	382.20	484.77	44.44
44	<input type="checkbox"/>	560	0.00	382.50	485.29	44.54
45	<input type="checkbox"/>	592	0.00	382.88	484.86	44.19
46	<input type="checkbox"/>	596	318.08	387.55	477.24	38.86
47	<input type="checkbox"/>	628	0.00	373.74	484.86	48.15
48	<input type="checkbox"/>	636	0.00	360.96	476.32	49.99
49	<input type="checkbox"/>	640	200.03	373.91	484.63	47.98
50	<input type="checkbox"/>	644	0.00	362.08	479.43	50.85
51	<input type="checkbox"/>	648	89.16	381.62	484.98	44.79
52	<input type="checkbox"/>	652	263.48	377.56	483.16	45.75
53	<input type="checkbox"/>	716	0.00	343.11	482.84	60.55
54	<input type="checkbox"/>	728	0.00	360.55	474.20	49.25
55	<input type="checkbox"/>	732	0.00	361.71	470.15	46.99
56	<input type="checkbox"/>	760	702.58	363.73	460.57	41.96
57	<input type="checkbox"/>	764	0.00	359.47	482.88	53.48
58	<input type="checkbox"/>	768	0.00	357.26	482.88	54.43

Phase 3 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	482.86	54.29
60	<input type="checkbox"/>	776	0.00	353.17	482.85	56.19
61	<input type="checkbox"/>	265	0.00	353.68	482.84	55.96
62	<input type="checkbox"/>	269	0.00	374.15	484.86	47.97
63	<input type="checkbox"/>	273	0.00	363.39	470.15	46.26
64	<input type="checkbox"/>	301	189.60	371.42	493.95	53.09
65	<input type="checkbox"/>	305	182.76	379.25	496.19	50.67
66	<input type="checkbox"/>	309	0.00	382.11	497.55	50.02
67	<input type="checkbox"/>	616	1,963.30	371.92	490.71	51.47
68	<input type="checkbox"/>	385	0.00	385.91	478.74	40.22
69	<input type="checkbox"/>	421	73.98	391.00	485.59	40.98
70	<input type="checkbox"/>	425	180.33	394.08	484.25	39.07
71	<input type="checkbox"/>	429	271.14	383.37	485.37	44.20
72	<input type="checkbox"/>	433	37.77	390.00	485.38	41.33
73	<input type="checkbox"/>	437	54.90	388.00	485.27	42.15
74	<input type="checkbox"/>	441	154.83	382.75	485.97	44.72
75	<input type="checkbox"/>	445	152.43	366.80	486.91	52.04
76	<input type="checkbox"/>	449	2.76	362.01	487.58	54.41
77	<input type="checkbox"/>	457	57.99	363.91	488.97	54.19
78	<input type="checkbox"/>	461	150.63	368.29	489.00	52.31
79	<input type="checkbox"/>	465	127.44	367.39	490.92	53.53
80	<input type="checkbox"/>	469	130.77	369.16	492.26	53.34
81	<input type="checkbox"/>	473	67.71	368.81	493.07	53.84
82	<input type="checkbox"/>	481	111.54	380.00	495.28	49.95
83	<input type="checkbox"/>	485	125.64	384.00	492.84	47.16
84	<input type="checkbox"/>	489	54.18	388.85	489.82	43.75
85	<input type="checkbox"/>	493	141.45	377.57	486.92	47.38
86	<input type="checkbox"/>	497	0.00	379.50	489.83	47.80
87	<input type="checkbox"/>	501	107.43	381.45	483.91	44.39

Phase 3 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	140.46	383.49	487.17	44.93
89	<input type="checkbox"/>	509	219.27	379.21	491.48	48.65
90	<input type="checkbox"/>	513	0.00	382.65	488.87	46.03
91	<input type="checkbox"/>	525	279.61	375.92	494.05	51.18
92	<input type="checkbox"/>	529	159.52	378.05	494.94	50.65
93	<input type="checkbox"/>	533	320.20	393.75	484.77	39.44
94	<input type="checkbox"/>	537	334.43	388.65	485.33	41.89
95	<input type="checkbox"/>	541	204.34	386.87	486.21	43.04
96	<input type="checkbox"/>	545	424.37	375.12	486.59	48.30
97	<input type="checkbox"/>	549	320.88	389.88	483.89	40.74
98	<input type="checkbox"/>	553	172.39	378.46	486.43	46.78
99	<input type="checkbox"/>	557	0.00	388.94	484.63	41.46
100	<input type="checkbox"/>	561	0.00	397.45	484.63	37.78
101	<input type="checkbox"/>	565	0.00	398.88	484.63	37.16
102	<input type="checkbox"/>	569	0.00	434.83	484.63	21.58
103	<input type="checkbox"/>	573	0.00	417.23	484.63	29.21
104	<input type="checkbox"/>	577	0.00	377.09	495.37	51.25
105	<input type="checkbox"/>	581	0.00	376.80	494.06	50.81
106	<input type="checkbox"/>	585	0.00	382.01	493.32	48.23
107	<input type="checkbox"/>	589	0.00	376.86	495.47	51.39
108	<input type="checkbox"/>	593	0.00	366.64	490.91	53.85
109	<input type="checkbox"/>	597	0.00	367.63	483.29	50.12
110	<input type="checkbox"/>	601	0.00	378.25	483.75	45.71
111	<input type="checkbox"/>	617	0.00	404.84	484.63	34.57
112	<input type="checkbox"/>	621	0.00	430.05	484.63	23.65
113	<input type="checkbox"/>	625	0.00	397.76	484.63	37.64
114	<input type="checkbox"/>	633	10.00	395.99	484.63	38.41
115	<input type="checkbox"/>	637	0.00	462.63	484.63	9.53
116	<input type="checkbox"/>	649	0.00	398.97	484.63	37.12

Phase 3 Junction Report for t = 0:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	484.63	37.72
118	<input type="checkbox"/>	661	0.00	372.83	485.63	48.88
119	<input type="checkbox"/>	665	10.00	404.88	543.49	60.06
120	<input type="checkbox"/>	677	120.06	408.63	540.20	57.01
121	<input type="checkbox"/>	681	120.06	410.53	529.42	51.51
122	<input type="checkbox"/>	693	120.06	424.36	522.18	42.38
123	<input type="checkbox"/>	697	120.06	425.95	522.15	41.68
124	<input type="checkbox"/>	701	120.06	420.33	522.22	44.15
125	<input type="checkbox"/>	705	0.00	418.20	522.46	45.18
126	<input type="checkbox"/>	709	120.06	415.88	522.64	46.26
127	<input type="checkbox"/>	713	400.50	414.27	522.94	47.09
128	<input type="checkbox"/>	717	120.06	413.98	525.39	48.27
129	<input type="checkbox"/>	741	120.06	420.07	522.60	44.43
130	<input type="checkbox"/>	753	0.00	407.86	533.63	54.49
131	<input type="checkbox"/>	757	120.06	416.30	524.00	46.67
132	<input type="checkbox"/>	761	120.06	421.52	522.36	43.69

Phase 3 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	493.04	53.79
2	<input type="checkbox"/>	112	167.43	374.62	491.74	50.75
3	<input type="checkbox"/>	116	129.78	378.08	490.85	48.86
4	<input type="checkbox"/>	120	217.38	385.56	490.06	45.28
5	<input type="checkbox"/>	124	147.93	387.85	489.40	44.00
6	<input type="checkbox"/>	128	88.86	390.02	488.90	42.84
7	<input type="checkbox"/>	132	38.55	383.45	488.49	45.51
8	<input type="checkbox"/>	136	0.00	377.67	488.11	47.85
9	<input type="checkbox"/>	144	0.00	382.00	487.72	45.81
10	<input type="checkbox"/>	148	0.00	384.90	487.46	44.44
11	<input type="checkbox"/>	152	0.00	387.06	487.32	43.44
12	<input type="checkbox"/>	156	0.00	387.15	487.25	43.37
13	<input type="checkbox"/>	160	0.00	385.30	487.21	44.16
14	<input type="checkbox"/>	168	0.00	392.25	487.01	41.06
15	<input type="checkbox"/>	176	0.00	377.66	487.41	47.56
16	<input type="checkbox"/>	188	0.00	371.85	486.79	49.80
17	<input type="checkbox"/>	196	0.00	372.77	486.48	49.27
18	<input type="checkbox"/>	204	0.00	368.10	486.12	51.14
19	<input type="checkbox"/>	216	400.71	367.60	483.56	50.25
20	<input type="checkbox"/>	220	0.00	362.39	485.71	53.43
21	<input type="checkbox"/>	232	0.00	361.59	485.54	53.71
22	<input type="checkbox"/>	236	0.00	360.09	485.52	54.35
23	<input type="checkbox"/>	240	0.00	358.49	485.51	55.04
24	<input type="checkbox"/>	244	285.48	358.05	484.24	54.68
25	<input type="checkbox"/>	272	0.00	351.43	485.49	58.09
26	<input type="checkbox"/>	276	0.00	349.80	485.49	58.79
27	<input type="checkbox"/>	280	0.00	346.15	485.49	60.38
28	<input type="checkbox"/>	288	0.00	375.46	487.21	48.42
29	<input type="checkbox"/>	328	0.00	397.27	477.57	34.79

Phase 3 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	32.92	401.51	472.65	30.82
31	<input type="checkbox"/>	336	0.00	407.21	467.55	26.15
32	<input type="checkbox"/>	340	0.00	406.47	465.09	25.40
33	<input type="checkbox"/>	344	0.00	404.87	463.37	25.35
34	<input type="checkbox"/>	388	100.11	376.45	488.27	48.45
35	<input type="checkbox"/>	392	150.73	377.15	487.71	47.90
36	<input type="checkbox"/>	396	51.45	378.22	487.63	47.41
37	<input type="checkbox"/>	400	0.00	381.65	487.62	45.92
38	<input type="checkbox"/>	404	61.01	379.03	487.53	47.01
39	<input type="checkbox"/>	472	105.25	352.64	485.49	57.56
40	<input type="checkbox"/>	476	74.19	350.72	485.41	58.36
41	<input type="checkbox"/>	480	0.00	351.63	485.49	58.00
42	<input type="checkbox"/>	528	50.05	361.17	485.54	53.89
43	<input type="checkbox"/>	536	401.10	382.20	487.09	45.45
44	<input type="checkbox"/>	560	0.00	382.50	487.60	45.54
45	<input type="checkbox"/>	592	0.00	382.88	487.21	45.21
46	<input type="checkbox"/>	596	209.02	387.55	483.62	41.63
47	<input type="checkbox"/>	628	0.00	373.74	487.21	49.17
48	<input type="checkbox"/>	636	0.00	360.96	478.92	51.11
49	<input type="checkbox"/>	640	200.03	373.91	487.02	49.01
50	<input type="checkbox"/>	644	0.00	362.08	482.03	51.97
51	<input type="checkbox"/>	648	89.16	381.62	488.01	46.10
52	<input type="checkbox"/>	652	173.14	377.56	487.27	47.54
53	<input type="checkbox"/>	716	0.00	343.11	485.49	61.69
54	<input type="checkbox"/>	728	0.00	360.55	476.80	50.37
55	<input type="checkbox"/>	732	0.00	361.71	472.75	48.11
56	<input type="checkbox"/>	760	702.58	363.73	463.17	43.09
57	<input type="checkbox"/>	764	0.00	359.47	485.50	54.61
58	<input type="checkbox"/>	768	0.00	357.26	485.50	55.57

Phase 3 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	485.50	55.43
60	<input type="checkbox"/>	776	0.00	353.17	485.49	57.33
61	<input type="checkbox"/>	265	0.00	353.68	485.49	57.11
62	<input type="checkbox"/>	269	0.00	374.15	487.21	48.99
63	<input type="checkbox"/>	273	0.00	363.39	472.75	47.38
64	<input type="checkbox"/>	301	189.60	371.42	494.74	53.43
65	<input type="checkbox"/>	305	182.76	379.25	496.45	50.78
66	<input type="checkbox"/>	309	0.00	382.11	497.49	49.99
67	<input type="checkbox"/>	616	1,290.17	371.92	492.28	52.15
68	<input type="checkbox"/>	385	0.00	385.91	484.30	42.63
69	<input type="checkbox"/>	421	73.98	391.00	487.81	41.95
70	<input type="checkbox"/>	425	180.33	394.08	486.71	40.14
71	<input type="checkbox"/>	429	271.14	383.37	487.71	45.21
72	<input type="checkbox"/>	433	37.77	390.00	487.59	42.29
73	<input type="checkbox"/>	437	54.90	388.00	487.46	43.10
74	<input type="checkbox"/>	441	154.83	382.75	488.13	45.66
75	<input type="checkbox"/>	445	152.43	366.80	489.31	53.08
76	<input type="checkbox"/>	449	2.76	362.01	489.80	55.37
77	<input type="checkbox"/>	457	57.99	363.91	490.81	54.99
78	<input type="checkbox"/>	461	150.63	368.29	490.84	53.10
79	<input type="checkbox"/>	465	127.44	367.39	492.30	54.12
80	<input type="checkbox"/>	469	130.77	369.16	493.35	53.81
81	<input type="checkbox"/>	473	67.71	368.81	494.15	54.31
82	<input type="checkbox"/>	481	111.54	380.00	495.66	50.11
83	<input type="checkbox"/>	485	125.64	384.00	493.56	47.47
84	<input type="checkbox"/>	489	54.18	388.85	491.08	44.30
85	<input type="checkbox"/>	493	141.45	377.57	489.11	48.33
86	<input type="checkbox"/>	497	0.00	379.50	491.25	48.42
87	<input type="checkbox"/>	501	107.43	381.45	487.66	46.02

Phase 3 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	140.46	383.49	488.95	45.70
89	<input type="checkbox"/>	509	219.27	379.21	492.51	49.10
90	<input type="checkbox"/>	513	0.00	382.65	490.36	46.67
91	<input type="checkbox"/>	525	183.74	375.92	495.14	51.66
92	<input type="checkbox"/>	529	88.95	378.05	495.77	51.01
93	<input type="checkbox"/>	533	320.20	393.75	486.96	40.39
94	<input type="checkbox"/>	537	219.77	388.65	488.10	43.09
95	<input type="checkbox"/>	541	113.93	386.87	488.88	44.20
96	<input type="checkbox"/>	545	278.87	375.12	489.11	49.39
97	<input type="checkbox"/>	549	320.88	389.88	486.30	41.78
98	<input type="checkbox"/>	553	96.12	378.46	489.04	47.91
99	<input type="checkbox"/>	557	0.00	388.94	487.01	42.49
100	<input type="checkbox"/>	561	0.00	397.45	487.01	38.81
101	<input type="checkbox"/>	565	0.00	398.88	487.01	38.19
102	<input type="checkbox"/>	569	0.00	434.83	487.01	22.61
103	<input type="checkbox"/>	573	0.00	417.23	487.01	30.24
104	<input type="checkbox"/>	577	0.00	377.09	495.80	51.44
105	<input type="checkbox"/>	581	0.00	376.80	495.14	51.28
106	<input type="checkbox"/>	585	0.00	382.01	494.00	48.52
107	<input type="checkbox"/>	589	0.00	376.86	495.95	51.61
108	<input type="checkbox"/>	593	0.00	366.64	492.30	54.45
109	<input type="checkbox"/>	597	0.00	367.63	485.84	51.22
110	<input type="checkbox"/>	601	0.00	378.25	487.54	47.36
111	<input type="checkbox"/>	617	0.00	404.84	487.01	35.60
112	<input type="checkbox"/>	621	0.00	430.05	487.01	24.68
113	<input type="checkbox"/>	625	0.00	397.76	487.01	38.67
114	<input type="checkbox"/>	633	10.00	395.99	487.01	39.44
115	<input type="checkbox"/>	637	0.00	462.63	487.01	10.57
116	<input type="checkbox"/>	649	0.00	398.97	487.01	38.15

Phase 3 Junction Report for t = 1:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	487.01	38.75
118	<input type="checkbox"/>	661	0.00	372.83	487.92	49.87
119	<input type="checkbox"/>	665	10.00	404.88	543.30	59.98
120	<input type="checkbox"/>	677	120.06	408.63	540.01	56.93
121	<input type="checkbox"/>	681	120.06	410.53	529.23	51.43
122	<input type="checkbox"/>	693	120.06	424.36	521.98	42.30
123	<input type="checkbox"/>	697	120.06	425.95	521.95	41.60
124	<input type="checkbox"/>	701	120.06	420.33	522.02	44.06
125	<input type="checkbox"/>	705	0.00	418.20	522.27	45.09
126	<input type="checkbox"/>	709	120.06	415.88	522.45	46.17
127	<input type="checkbox"/>	713	400.50	414.27	522.75	47.00
128	<input type="checkbox"/>	717	120.06	413.98	525.19	48.19
129	<input type="checkbox"/>	741	120.06	420.07	522.41	44.34
130	<input type="checkbox"/>	753	0.00	407.86	533.43	54.41
131	<input type="checkbox"/>	757	120.06	416.30	523.81	46.58
132	<input type="checkbox"/>	761	120.06	421.52	522.17	43.61

Phase 3 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	494.23	54.31
2	<input type="checkbox"/>	112	167.43	374.62	493.33	51.44
3	<input type="checkbox"/>	116	129.78	378.08	492.74	49.68
4	<input type="checkbox"/>	120	217.38	385.56	492.23	46.22
5	<input type="checkbox"/>	124	147.93	387.85	491.83	45.06
6	<input type="checkbox"/>	128	88.86	390.02	491.55	43.99
7	<input type="checkbox"/>	132	38.55	383.45	491.32	46.74
8	<input type="checkbox"/>	136	0.00	377.67	491.11	49.16
9	<input type="checkbox"/>	144	0.00	382.00	490.90	47.19
10	<input type="checkbox"/>	148	0.00	384.90	490.72	45.85
11	<input type="checkbox"/>	152	0.00	387.06	490.61	44.87
12	<input type="checkbox"/>	156	0.00	387.15	490.56	44.81
13	<input type="checkbox"/>	160	0.00	385.30	490.53	45.59
14	<input type="checkbox"/>	168	0.00	392.25	490.37	42.52
15	<input type="checkbox"/>	176	0.00	377.66	490.77	49.01
16	<input type="checkbox"/>	188	0.00	371.85	490.51	51.42
17	<input type="checkbox"/>	196	0.00	372.77	490.38	50.96
18	<input type="checkbox"/>	204	0.00	368.10	490.24	52.92
19	<input type="checkbox"/>	216	248.67	367.60	489.18	52.68
20	<input type="checkbox"/>	220	0.00	362.39	490.07	55.32
21	<input type="checkbox"/>	232	0.00	361.59	490.00	55.64
22	<input type="checkbox"/>	236	0.00	360.09	490.00	56.29
23	<input type="checkbox"/>	240	0.00	358.49	489.99	56.98
24	<input type="checkbox"/>	244	76.86	358.05	489.88	57.12
25	<input type="checkbox"/>	272	0.00	351.43	489.97	60.03
26	<input type="checkbox"/>	276	0.00	349.80	489.97	60.74
27	<input type="checkbox"/>	280	0.00	346.15	489.97	62.32
28	<input type="checkbox"/>	288	0.00	375.46	490.53	49.86
29	<input type="checkbox"/>	328	0.00	397.27	483.36	37.30

Phase 3 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	32.92	401.51	479.71	33.88
31	<input type="checkbox"/>	336	0.00	407.21	475.95	29.78
32	<input type="checkbox"/>	340	0.00	406.47	474.13	29.32
33	<input type="checkbox"/>	344	0.00	404.87	472.86	29.46
34	<input type="checkbox"/>	388	100.11	376.45	490.31	49.34
35	<input type="checkbox"/>	392	150.73	377.15	489.84	48.83
36	<input type="checkbox"/>	396	51.45	378.22	489.80	48.35
37	<input type="checkbox"/>	400	0.00	381.65	489.80	46.86
38	<input type="checkbox"/>	404	61.01	379.03	489.71	47.96
39	<input type="checkbox"/>	472	105.25	352.64	489.97	59.50
40	<input type="checkbox"/>	476	74.19	350.72	489.90	60.31
41	<input type="checkbox"/>	480	0.00	351.63	489.97	59.94
42	<input type="checkbox"/>	528	5.19	361.17	490.00	55.82
43	<input type="checkbox"/>	536	163.11	382.20	490.73	47.02
44	<input type="checkbox"/>	560	0.00	382.50	490.83	46.94
45	<input type="checkbox"/>	592	0.00	382.88	490.53	46.65
46	<input type="checkbox"/>	596	209.02	387.55	486.98	43.08
47	<input type="checkbox"/>	628	0.00	373.74	490.53	50.60
48	<input type="checkbox"/>	636	0.00	360.96	486.67	54.47
49	<input type="checkbox"/>	640	154.26	373.91	490.60	50.56
50	<input type="checkbox"/>	644	0.00	362.08	488.23	54.66
51	<input type="checkbox"/>	648	89.16	381.62	490.50	47.18
52	<input type="checkbox"/>	652	173.14	377.56	489.58	48.54
53	<input type="checkbox"/>	716	0.00	343.11	489.97	63.64
54	<input type="checkbox"/>	728	0.00	360.55	485.60	54.19
55	<input type="checkbox"/>	732	0.00	361.71	483.56	52.80
56	<input type="checkbox"/>	760	485.11	363.73	478.74	49.83
57	<input type="checkbox"/>	764	0.00	359.47	489.99	56.56
58	<input type="checkbox"/>	768	0.00	357.26	489.99	57.51

Phase 3 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	489.98	57.37
60	<input type="checkbox"/>	776	0.00	353.17	489.98	59.28
61	<input type="checkbox"/>	265	0.00	353.68	489.97	59.05
62	<input type="checkbox"/>	269	0.00	374.15	490.53	50.43
63	<input type="checkbox"/>	273	0.00	363.39	483.56	52.07
64	<input type="checkbox"/>	301	189.60	371.42	495.47	53.75
65	<input type="checkbox"/>	305	182.76	379.25	496.74	50.91
66	<input type="checkbox"/>	309	0.00	382.11	497.51	50.01
67	<input type="checkbox"/>	616	1,290.17	371.92	493.69	52.76
68	<input type="checkbox"/>	385	0.00	385.91	487.66	44.09
69	<input type="checkbox"/>	421	73.98	391.00	490.90	43.29
70	<input type="checkbox"/>	425	180.33	394.08	490.46	41.76
71	<input type="checkbox"/>	429	271.14	383.37	490.71	46.51
72	<input type="checkbox"/>	433	37.77	390.00	490.77	43.66
73	<input type="checkbox"/>	437	54.90	388.00	490.71	44.50
74	<input type="checkbox"/>	441	154.83	382.75	490.86	46.84
75	<input type="checkbox"/>	445	152.43	366.80	491.15	53.88
76	<input type="checkbox"/>	449	2.76	362.01	491.59	56.15
77	<input type="checkbox"/>	457	57.99	363.91	492.49	55.71
78	<input type="checkbox"/>	461	150.63	368.29	492.58	53.85
79	<input type="checkbox"/>	465	127.44	367.39	493.48	54.64
80	<input type="checkbox"/>	469	130.77	369.16	494.18	54.17
81	<input type="checkbox"/>	473	67.71	368.81	494.72	54.56
82	<input type="checkbox"/>	481	111.54	380.00	495.96	50.25
83	<input type="checkbox"/>	485	125.64	384.00	494.35	47.82
84	<input type="checkbox"/>	489	54.18	388.85	492.56	44.94
85	<input type="checkbox"/>	493	141.45	377.57	491.31	49.28
86	<input type="checkbox"/>	497	0.00	379.50	492.77	49.08
87	<input type="checkbox"/>	501	107.43	381.45	489.90	46.99

Phase 3 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	140.46	383.49	491.15	46.65
89	<input type="checkbox"/>	509	219.27	379.21	493.65	49.59
90	<input type="checkbox"/>	513	0.00	382.65	492.11	47.43
91	<input type="checkbox"/>	525	183.74	375.92	495.51	51.82
92	<input type="checkbox"/>	529	88.95	378.05	496.09	51.15
93	<input type="checkbox"/>	533	137.09	393.75	490.61	41.97
94	<input type="checkbox"/>	537	219.77	388.65	490.95	44.32
95	<input type="checkbox"/>	541	113.93	386.87	491.33	45.26
96	<input type="checkbox"/>	545	278.87	375.12	491.26	50.32
97	<input type="checkbox"/>	549	71.52	389.88	490.47	43.59
98	<input type="checkbox"/>	553	96.12	378.46	491.46	48.96
99	<input type="checkbox"/>	557	0.00	388.94	490.37	43.95
100	<input type="checkbox"/>	561	0.00	397.45	490.37	40.26
101	<input type="checkbox"/>	565	0.00	398.88	490.37	39.64
102	<input type="checkbox"/>	569	0.00	434.83	490.37	24.07
103	<input type="checkbox"/>	573	0.00	417.23	490.37	31.69
104	<input type="checkbox"/>	577	0.00	377.09	496.08	51.56
105	<input type="checkbox"/>	581	0.00	376.80	495.51	51.44
106	<input type="checkbox"/>	585	0.00	382.01	494.77	48.86
107	<input type="checkbox"/>	589	0.00	376.86	496.21	51.72
108	<input type="checkbox"/>	593	0.00	366.64	493.51	54.97
109	<input type="checkbox"/>	597	0.00	367.63	490.12	53.08
110	<input type="checkbox"/>	601	0.00	378.25	489.85	48.36
111	<input type="checkbox"/>	617	0.00	404.84	490.37	37.06
112	<input type="checkbox"/>	621	0.00	430.05	490.37	26.14
113	<input type="checkbox"/>	625	0.00	397.76	490.37	40.13
114	<input type="checkbox"/>	633	10.00	395.99	490.37	40.89
115	<input type="checkbox"/>	637	0.00	462.63	490.37	12.02
116	<input type="checkbox"/>	649	0.00	398.97	490.37	39.61

Phase 3 Junction Report for t = 2:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	490.37	40.20
118	<input type="checkbox"/>	661	0.00	372.83	491.01	51.21
119	<input type="checkbox"/>	665	10.00	404.88	543.41	60.02
120	<input type="checkbox"/>	677	120.06	408.63	540.98	57.35
121	<input type="checkbox"/>	681	120.06	410.53	533.26	53.18
122	<input type="checkbox"/>	693	120.06	424.36	527.89	44.86
123	<input type="checkbox"/>	697	120.06	425.95	527.89	44.17
124	<input type="checkbox"/>	701	120.06	420.33	528.09	46.69
125	<input type="checkbox"/>	705	0.00	418.20	528.46	47.78
126	<input type="checkbox"/>	709	120.06	415.88	528.73	48.90
127	<input type="checkbox"/>	713	156.51	414.27	529.13	49.77
128	<input type="checkbox"/>	717	120.06	413.98	530.46	50.47
129	<input type="checkbox"/>	741	120.06	420.07	528.17	46.84
130	<input type="checkbox"/>	753	0.00	407.86	536.27	55.64
131	<input type="checkbox"/>	757	120.06	416.30	529.29	48.96
132	<input type="checkbox"/>	761	120.06	421.52	528.00	46.14

Phase 3 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	494.76	54.53
2	<input type="checkbox"/>	112	167.43	374.62	494.02	51.74
3	<input type="checkbox"/>	116	129.78	378.08	493.56	50.04
4	<input type="checkbox"/>	120	217.38	385.56	493.19	46.63
5	<input type="checkbox"/>	124	147.93	387.85	492.90	45.52
6	<input type="checkbox"/>	128	88.86	390.02	492.70	44.49
7	<input type="checkbox"/>	132	38.55	383.45	492.55	47.27
8	<input type="checkbox"/>	136	0.00	377.67	492.43	49.72
9	<input type="checkbox"/>	144	0.00	382.00	492.30	47.79
10	<input type="checkbox"/>	148	0.00	384.90	492.22	46.50
11	<input type="checkbox"/>	152	0.00	387.06	492.18	45.55
12	<input type="checkbox"/>	156	0.00	387.15	492.16	45.50
13	<input type="checkbox"/>	160	0.00	385.30	492.15	46.30
14	<input type="checkbox"/>	168	0.00	392.25	492.09	43.26
15	<input type="checkbox"/>	176	0.00	377.66	492.17	49.62
16	<input type="checkbox"/>	188	0.00	371.85	491.92	52.02
17	<input type="checkbox"/>	196	0.00	372.77	491.79	51.57
18	<input type="checkbox"/>	204	0.00	368.10	491.66	53.54
19	<input type="checkbox"/>	216	248.67	367.60	490.60	53.30
20	<input type="checkbox"/>	220	0.00	362.39	491.49	55.94
21	<input type="checkbox"/>	232	0.00	361.59	491.43	56.26
22	<input type="checkbox"/>	236	0.00	360.09	491.42	56.91
23	<input type="checkbox"/>	240	0.00	358.49	491.42	57.60
24	<input type="checkbox"/>	244	76.86	358.05	491.31	57.74
25	<input type="checkbox"/>	272	0.00	351.43	491.40	60.65
26	<input type="checkbox"/>	276	0.00	349.80	491.40	61.36
27	<input type="checkbox"/>	280	0.00	346.15	491.40	62.94
28	<input type="checkbox"/>	288	0.00	375.46	492.15	50.56
29	<input type="checkbox"/>	328	0.00	397.27	489.88	40.13

Phase 3 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	32.92	401.51	488.73	37.79
31	<input type="checkbox"/>	336	0.00	407.21	487.60	34.83
32	<input type="checkbox"/>	340	0.00	406.47	487.05	34.91
33	<input type="checkbox"/>	344	0.00	404.87	486.66	35.44
34	<input type="checkbox"/>	388	100.11	376.45	491.37	49.79
35	<input type="checkbox"/>	392	150.73	377.15	490.99	49.33
36	<input type="checkbox"/>	396	37.47	378.22	490.98	48.86
37	<input type="checkbox"/>	400	0.00	381.65	490.98	47.37
38	<input type="checkbox"/>	404	44.43	379.03	490.93	48.48
39	<input type="checkbox"/>	472	105.25	352.64	491.40	60.12
40	<input type="checkbox"/>	476	54.03	350.72	491.36	60.94
41	<input type="checkbox"/>	480	0.00	351.63	491.40	60.56
42	<input type="checkbox"/>	528	5.19	361.17	491.43	56.44
43	<input type="checkbox"/>	536	163.11	382.20	492.17	47.65
44	<input type="checkbox"/>	560	0.00	382.50	492.26	47.56
45	<input type="checkbox"/>	592	0.00	382.88	492.15	47.35
46	<input type="checkbox"/>	596	209.02	387.55	488.69	43.83
47	<input type="checkbox"/>	628	0.00	373.74	492.15	51.31
48	<input type="checkbox"/>	636	0.00	360.96	488.09	55.09
49	<input type="checkbox"/>	640	154.26	373.91	492.01	51.17
50	<input type="checkbox"/>	644	0.00	362.08	489.66	55.28
51	<input type="checkbox"/>	648	89.16	381.62	491.69	47.69
52	<input type="checkbox"/>	652	173.14	377.56	490.74	49.04
53	<input type="checkbox"/>	716	0.00	343.11	491.40	64.26
54	<input type="checkbox"/>	728	0.00	360.55	487.03	54.80
55	<input type="checkbox"/>	732	0.00	361.71	484.99	53.41
56	<input type="checkbox"/>	760	485.11	363.73	480.16	50.45
57	<input type="checkbox"/>	764	0.00	359.47	491.42	57.18
58	<input type="checkbox"/>	768	0.00	357.26	491.42	58.13

Phase 3 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	491.41	57.99
60	<input type="checkbox"/>	776	0.00	353.17	491.41	59.90
61	<input type="checkbox"/>	265	0.00	353.68	491.40	59.68
62	<input type="checkbox"/>	269	0.00	374.15	492.15	51.13
63	<input type="checkbox"/>	273	0.00	363.39	484.99	52.69
64	<input type="checkbox"/>	301	189.60	371.42	495.80	53.89
65	<input type="checkbox"/>	305	182.76	379.25	496.86	50.96
66	<input type="checkbox"/>	309	0.00	382.11	497.52	50.01
67	<input type="checkbox"/>	616	1,290.17	371.92	494.31	53.03
68	<input type="checkbox"/>	385	0.00	385.91	489.38	44.83
69	<input type="checkbox"/>	421	73.98	391.00	491.89	43.72
70	<input type="checkbox"/>	425	180.33	394.08	491.42	42.18
71	<input type="checkbox"/>	429	271.14	383.37	491.61	46.90
72	<input type="checkbox"/>	433	37.77	390.00	491.69	44.06
73	<input type="checkbox"/>	437	54.90	388.00	491.57	44.88
74	<input type="checkbox"/>	441	154.83	382.75	491.66	47.19
75	<input type="checkbox"/>	445	152.43	366.80	492.02	54.26
76	<input type="checkbox"/>	449	2.76	362.01	492.41	56.50
77	<input type="checkbox"/>	457	57.99	363.91	493.21	56.03
78	<input type="checkbox"/>	461	150.63	368.29	493.32	54.18
79	<input type="checkbox"/>	465	127.44	367.39	493.99	54.86
80	<input type="checkbox"/>	469	130.77	369.16	494.55	54.33
81	<input type="checkbox"/>	473	67.71	368.81	495.01	54.68
82	<input type="checkbox"/>	481	111.54	380.00	496.08	50.30
83	<input type="checkbox"/>	485	125.64	384.00	494.62	47.93
84	<input type="checkbox"/>	489	54.18	388.85	493.03	45.14
85	<input type="checkbox"/>	493	141.45	377.57	492.00	49.58
86	<input type="checkbox"/>	497	0.00	379.50	493.25	49.29
87	<input type="checkbox"/>	501	107.43	381.45	491.05	47.49

Phase 3 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	140.46	383.49	491.83	46.95
89	<input type="checkbox"/>	509	219.27	379.21	494.02	49.75
90	<input type="checkbox"/>	513	0.00	382.65	492.66	47.67
91	<input type="checkbox"/>	525	183.74	375.92	495.72	51.91
92	<input type="checkbox"/>	529	64.78	378.05	496.31	51.24
93	<input type="checkbox"/>	533	137.09	393.75	491.47	42.34
94	<input type="checkbox"/>	537	219.77	388.65	491.97	44.77
95	<input type="checkbox"/>	541	82.97	386.87	492.51	45.77
96	<input type="checkbox"/>	545	278.87	375.12	491.95	50.62
97	<input type="checkbox"/>	549	71.52	389.88	491.42	44.00
98	<input type="checkbox"/>	553	70.00	378.46	492.42	49.38
99	<input type="checkbox"/>	557	0.00	388.94	492.09	44.69
100	<input type="checkbox"/>	561	0.00	397.45	492.09	41.01
101	<input type="checkbox"/>	565	0.00	398.88	492.09	40.39
102	<input type="checkbox"/>	569	0.00	434.83	492.09	24.81
103	<input type="checkbox"/>	573	0.00	417.23	492.09	32.44
104	<input type="checkbox"/>	577	0.00	377.09	496.20	51.61
105	<input type="checkbox"/>	581	0.00	376.80	495.71	51.53
106	<input type="checkbox"/>	585	0.00	382.01	495.02	48.97
107	<input type="checkbox"/>	589	0.00	376.86	496.33	51.77
108	<input type="checkbox"/>	593	0.00	366.64	494.05	55.21
109	<input type="checkbox"/>	597	0.00	367.63	491.54	53.69
110	<input type="checkbox"/>	601	0.00	378.25	491.02	48.86
111	<input type="checkbox"/>	617	0.00	404.84	492.09	37.80
112	<input type="checkbox"/>	621	0.00	430.05	492.09	26.88
113	<input type="checkbox"/>	625	0.00	397.76	492.09	40.87
114	<input type="checkbox"/>	633	10.00	395.99	492.09	41.64
115	<input type="checkbox"/>	637	0.00	462.63	492.09	12.76
116	<input type="checkbox"/>	649	0.00	398.97	492.09	40.35

Phase 3 Junction Report for t = 3:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	492.09	40.95
118	<input type="checkbox"/>	661	0.00	372.83	492.36	51.79
119	<input type="checkbox"/>	665	10.00	404.88	543.42	60.03
120	<input type="checkbox"/>	677	55.01	408.63	542.70	58.09
121	<input type="checkbox"/>	681	55.01	410.53	540.34	56.25
122	<input type="checkbox"/>	693	55.01	424.36	538.75	49.57
123	<input type="checkbox"/>	697	55.01	425.95	538.75	48.87
124	<input type="checkbox"/>	701	55.01	420.33	538.77	51.32
125	<input type="checkbox"/>	705	0.00	418.20	538.83	52.27
126	<input type="checkbox"/>	709	55.01	415.88	538.88	53.30
127	<input type="checkbox"/>	713	156.51	414.27	538.96	54.03
128	<input type="checkbox"/>	717	55.01	413.98	539.46	54.37
129	<input type="checkbox"/>	741	55.01	420.07	538.84	51.46
130	<input type="checkbox"/>	753	0.00	407.86	541.26	57.80
131	<input type="checkbox"/>	757	55.01	416.30	539.15	53.23
132	<input type="checkbox"/>	761	55.01	421.52	538.79	50.81

Phase 3 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	496.99	55.50
2	<input type="checkbox"/>	112	167.43	374.62	496.86	52.97
3	<input type="checkbox"/>	116	129.78	378.08	496.77	51.43
4	<input type="checkbox"/>	120	217.38	385.56	496.71	48.16
5	<input type="checkbox"/>	124	147.93	387.85	496.68	47.16
6	<input type="checkbox"/>	128	88.86	390.02	496.67	46.21
7	<input type="checkbox"/>	132	38.55	383.45	496.67	49.06
8	<input type="checkbox"/>	136	0.00	377.67	496.67	51.56
9	<input type="checkbox"/>	144	0.00	382.00	496.66	49.69
10	<input type="checkbox"/>	148	0.00	384.90	496.66	48.43
11	<input type="checkbox"/>	152	0.00	387.06	496.66	47.49
12	<input type="checkbox"/>	156	0.00	387.15	496.66	47.45
13	<input type="checkbox"/>	160	0.00	385.30	496.66	48.25
14	<input type="checkbox"/>	168	0.00	392.25	496.66	45.24
15	<input type="checkbox"/>	176	0.00	377.66	496.66	51.56
16	<input type="checkbox"/>	188	0.00	371.85	496.66	54.08
17	<input type="checkbox"/>	196	0.00	372.77	496.66	53.68
18	<input type="checkbox"/>	204	0.00	368.10	496.66	55.71
19	<input type="checkbox"/>	216	0.00	367.60	496.66	55.92
20	<input type="checkbox"/>	220	0.00	362.39	496.66	58.18
21	<input type="checkbox"/>	232	0.00	361.59	496.66	58.53
22	<input type="checkbox"/>	236	0.00	360.09	496.66	59.18
23	<input type="checkbox"/>	240	0.00	358.49	496.66	59.87
24	<input type="checkbox"/>	244	0.00	358.05	496.66	60.06
25	<input type="checkbox"/>	272	0.00	351.43	496.66	62.93
26	<input type="checkbox"/>	276	0.00	349.80	496.66	63.64
27	<input type="checkbox"/>	280	0.00	346.15	496.66	65.22
28	<input type="checkbox"/>	288	0.00	375.46	496.66	52.52
29	<input type="checkbox"/>	328	0.00	397.27	496.66	43.07

Phase 3 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	496.66	41.23
31	<input type="checkbox"/>	336	0.00	407.21	496.66	38.76
32	<input type="checkbox"/>	340	0.00	406.47	496.66	39.08
33	<input type="checkbox"/>	344	0.00	404.87	496.66	39.77
34	<input type="checkbox"/>	388	100.11	376.45	496.07	51.83
35	<input type="checkbox"/>	392	0.00	377.15	496.08	51.53
36	<input type="checkbox"/>	396	0.00	378.22	496.10	51.07
37	<input type="checkbox"/>	400	0.00	381.65	496.12	49.60
38	<input type="checkbox"/>	404	0.00	379.03	496.12	50.73
39	<input type="checkbox"/>	472	0.00	352.64	496.66	62.40
40	<input type="checkbox"/>	476	0.00	350.72	496.66	63.24
41	<input type="checkbox"/>	480	0.00	351.63	496.66	62.84
42	<input type="checkbox"/>	528	0.00	361.17	496.66	58.71
43	<input type="checkbox"/>	536	163.11	382.20	496.57	49.55
44	<input type="checkbox"/>	560	0.00	382.50	496.66	49.47
45	<input type="checkbox"/>	592	0.00	382.88	496.66	49.30
46	<input type="checkbox"/>	596	0.00	387.55	496.66	47.28
47	<input type="checkbox"/>	628	0.00	373.74	496.66	53.26
48	<input type="checkbox"/>	636	0.00	360.96	496.66	58.80
49	<input type="checkbox"/>	640	0.00	373.91	496.66	53.19
50	<input type="checkbox"/>	644	0.00	362.08	496.66	58.32
51	<input type="checkbox"/>	648	89.16	381.62	496.33	49.71
52	<input type="checkbox"/>	652	0.00	377.56	496.24	51.42
53	<input type="checkbox"/>	716	0.00	343.11	496.66	66.54
54	<input type="checkbox"/>	728	0.00	360.55	496.66	58.98
55	<input type="checkbox"/>	732	0.00	361.71	496.66	58.47
56	<input type="checkbox"/>	760	0.00	363.73	496.66	57.60
57	<input type="checkbox"/>	764	0.00	359.47	496.66	59.45
58	<input type="checkbox"/>	768	0.00	357.26	496.66	60.41

Phase 3 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	496.66	60.27
60	<input type="checkbox"/>	776	0.00	353.17	496.66	62.18
61	<input type="checkbox"/>	265	0.00	353.68	496.66	61.95
62	<input type="checkbox"/>	269	0.00	374.15	496.66	53.09
63	<input type="checkbox"/>	273	0.00	363.39	496.66	57.75
64	<input type="checkbox"/>	301	189.60	371.42	497.16	54.48
65	<input type="checkbox"/>	305	182.76	379.25	497.37	51.18
66	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
67	<input type="checkbox"/>	616	0.00	371.92	496.92	54.16
68	<input type="checkbox"/>	385	0.00	385.91	496.66	47.99
69	<input type="checkbox"/>	421	73.98	391.00	495.92	45.46
70	<input type="checkbox"/>	425	180.33	394.08	495.60	43.99
71	<input type="checkbox"/>	429	271.14	383.37	495.57	48.62
72	<input type="checkbox"/>	433	37.77	390.00	495.70	45.80
73	<input type="checkbox"/>	437	54.90	388.00	495.58	46.62
74	<input type="checkbox"/>	441	154.83	382.75	495.55	48.88
75	<input type="checkbox"/>	445	152.43	366.80	495.99	55.98
76	<input type="checkbox"/>	449	2.76	362.01	496.07	58.09
77	<input type="checkbox"/>	457	57.99	363.91	496.25	57.34
78	<input type="checkbox"/>	461	150.63	368.29	496.38	55.50
79	<input type="checkbox"/>	465	127.44	367.39	496.16	55.80
80	<input type="checkbox"/>	469	130.77	369.16	496.30	55.09
81	<input type="checkbox"/>	473	67.71	368.81	496.55	55.35
82	<input type="checkbox"/>	481	111.54	380.00	496.78	50.60
83	<input type="checkbox"/>	485	125.64	384.00	496.10	48.57
84	<input type="checkbox"/>	489	54.18	388.85	495.61	46.26
85	<input type="checkbox"/>	493	141.45	377.57	495.69	51.18
86	<input type="checkbox"/>	497	0.00	379.50	495.89	50.43
87	<input type="checkbox"/>	501	107.43	381.45	496.15	49.70

Phase 3 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	140.46	383.49	495.37	48.48
89	<input type="checkbox"/>	509	219.27	379.21	496.05	50.63
90	<input type="checkbox"/>	513	0.00	382.65	495.58	48.93
91	<input type="checkbox"/>	525	0.00	375.92	497.15	52.53
92	<input type="checkbox"/>	529	0.00	378.05	497.29	51.67
93	<input type="checkbox"/>	533	0.00	393.75	495.58	44.12
94	<input type="checkbox"/>	537	0.00	388.65	496.51	46.74
95	<input type="checkbox"/>	541	0.00	386.87	496.63	47.56
96	<input type="checkbox"/>	545	0.00	375.12	496.21	52.47
97	<input type="checkbox"/>	549	0.00	389.88	495.58	45.80
98	<input type="checkbox"/>	553	0.00	378.46	496.21	51.02
99	<input type="checkbox"/>	557	0.00	388.94	496.66	46.67
100	<input type="checkbox"/>	561	0.00	397.45	496.66	42.99
101	<input type="checkbox"/>	565	0.00	398.88	496.66	42.37
102	<input type="checkbox"/>	569	0.00	434.83	496.66	26.79
103	<input type="checkbox"/>	573	0.00	417.23	496.66	34.42
104	<input type="checkbox"/>	577	0.00	377.09	496.95	51.94
105	<input type="checkbox"/>	581	0.00	376.80	497.07	52.11
106	<input type="checkbox"/>	585	0.00	382.01	496.42	49.57
107	<input type="checkbox"/>	589	0.00	376.86	497.12	52.11
108	<input type="checkbox"/>	593	0.00	366.64	496.42	56.23
109	<input type="checkbox"/>	597	0.00	367.63	496.66	55.91
110	<input type="checkbox"/>	601	0.00	378.25	496.24	51.12
111	<input type="checkbox"/>	617	0.00	404.84	496.66	39.79
112	<input type="checkbox"/>	621	0.00	430.05	496.66	28.87
113	<input type="checkbox"/>	625	0.00	397.76	496.66	42.85
114	<input type="checkbox"/>	633	10.00	395.99	496.66	43.62
115	<input type="checkbox"/>	637	0.00	462.63	496.66	14.75
116	<input type="checkbox"/>	649	0.00	398.97	496.66	42.33

Phase 3 Junction Report for t = 4:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	496.66	42.93
118	<input type="checkbox"/>	661	0.00	372.83	496.67	53.66
119	<input type="checkbox"/>	665	10.00	404.88	543.37	60.01
120	<input type="checkbox"/>	677	0.00	408.63	543.37	58.38
121	<input type="checkbox"/>	681	0.00	410.53	543.37	57.56
122	<input type="checkbox"/>	693	0.00	424.36	543.37	51.57
123	<input type="checkbox"/>	697	0.00	425.95	543.37	50.88
124	<input type="checkbox"/>	701	0.00	420.33	543.37	53.31
125	<input type="checkbox"/>	705	0.00	418.20	543.37	54.24
126	<input type="checkbox"/>	709	0.00	415.88	543.37	55.24
127	<input type="checkbox"/>	713	0.00	414.27	543.37	55.94
128	<input type="checkbox"/>	717	0.00	413.98	543.37	56.06
129	<input type="checkbox"/>	741	0.00	420.07	543.37	53.42
130	<input type="checkbox"/>	753	0.00	407.86	543.37	58.71
131	<input type="checkbox"/>	757	0.00	416.30	543.37	55.06
132	<input type="checkbox"/>	761	0.00	421.52	543.37	52.80

Phase 3 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	496.99	55.50
2	<input type="checkbox"/>	112	167.43	374.62	496.86	52.97
3	<input type="checkbox"/>	116	129.78	378.08	496.77	51.43
4	<input type="checkbox"/>	120	217.38	385.56	496.71	48.16
5	<input type="checkbox"/>	124	147.93	387.85	496.68	47.16
6	<input type="checkbox"/>	128	88.86	390.02	496.67	46.21
7	<input type="checkbox"/>	132	38.55	383.45	496.67	49.06
8	<input type="checkbox"/>	136	0.00	377.67	496.67	51.56
9	<input type="checkbox"/>	144	0.00	382.00	496.66	49.69
10	<input type="checkbox"/>	148	0.00	384.90	496.66	48.43
11	<input type="checkbox"/>	152	0.00	387.06	496.66	47.49
12	<input type="checkbox"/>	156	0.00	387.15	496.66	47.45
13	<input type="checkbox"/>	160	0.00	385.30	496.66	48.25
14	<input type="checkbox"/>	168	0.00	392.25	496.66	45.24
15	<input type="checkbox"/>	176	0.00	377.66	496.66	51.56
16	<input type="checkbox"/>	188	0.00	371.85	496.66	54.08
17	<input type="checkbox"/>	196	0.00	372.77	496.66	53.68
18	<input type="checkbox"/>	204	0.00	368.10	496.66	55.71
19	<input type="checkbox"/>	216	0.00	367.60	496.66	55.92
20	<input type="checkbox"/>	220	0.00	362.39	496.66	58.18
21	<input type="checkbox"/>	232	0.00	361.59	496.66	58.53
22	<input type="checkbox"/>	236	0.00	360.09	496.66	59.18
23	<input type="checkbox"/>	240	0.00	358.49	496.66	59.87
24	<input type="checkbox"/>	244	0.00	358.05	496.66	60.06
25	<input type="checkbox"/>	272	0.00	351.43	496.66	62.93
26	<input type="checkbox"/>	276	0.00	349.80	496.66	63.64
27	<input type="checkbox"/>	280	0.00	346.15	496.66	65.22
28	<input type="checkbox"/>	288	0.00	375.46	496.66	52.52
29	<input type="checkbox"/>	328	0.00	397.27	496.66	43.07

Phase 3 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	496.66	41.23
31	<input type="checkbox"/>	336	0.00	407.21	496.66	38.76
32	<input type="checkbox"/>	340	0.00	406.47	496.66	39.08
33	<input type="checkbox"/>	344	0.00	404.87	496.66	39.77
34	<input type="checkbox"/>	388	100.11	376.45	496.07	51.83
35	<input type="checkbox"/>	392	0.00	377.15	496.08	51.53
36	<input type="checkbox"/>	396	0.00	378.22	496.10	51.07
37	<input type="checkbox"/>	400	0.00	381.65	496.12	49.60
38	<input type="checkbox"/>	404	0.00	379.03	496.12	50.73
39	<input type="checkbox"/>	472	0.00	352.64	496.66	62.40
40	<input type="checkbox"/>	476	0.00	350.72	496.66	63.24
41	<input type="checkbox"/>	480	0.00	351.63	496.66	62.84
42	<input type="checkbox"/>	528	0.00	361.17	496.66	58.71
43	<input type="checkbox"/>	536	163.11	382.20	496.57	49.55
44	<input type="checkbox"/>	560	0.00	382.50	496.66	49.47
45	<input type="checkbox"/>	592	0.00	382.88	496.66	49.30
46	<input type="checkbox"/>	596	0.00	387.55	496.66	47.28
47	<input type="checkbox"/>	628	0.00	373.74	496.66	53.26
48	<input type="checkbox"/>	636	0.00	360.96	496.66	58.80
49	<input type="checkbox"/>	640	0.00	373.91	496.66	53.19
50	<input type="checkbox"/>	644	0.00	362.08	496.66	58.32
51	<input type="checkbox"/>	648	89.16	381.62	496.33	49.71
52	<input type="checkbox"/>	652	0.00	377.56	496.24	51.42
53	<input type="checkbox"/>	716	0.00	343.11	496.66	66.54
54	<input type="checkbox"/>	728	0.00	360.55	496.66	58.98
55	<input type="checkbox"/>	732	0.00	361.71	496.66	58.47
56	<input type="checkbox"/>	760	0.00	363.73	496.66	57.60
57	<input type="checkbox"/>	764	0.00	359.47	496.66	59.45
58	<input type="checkbox"/>	768	0.00	357.26	496.66	60.41

Phase 3 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	496.66	60.27
60	<input type="checkbox"/>	776	0.00	353.17	496.66	62.18
61	<input type="checkbox"/>	265	0.00	353.68	496.66	61.95
62	<input type="checkbox"/>	269	0.00	374.15	496.66	53.09
63	<input type="checkbox"/>	273	0.00	363.39	496.66	57.75
64	<input type="checkbox"/>	301	189.60	371.42	497.16	54.48
65	<input type="checkbox"/>	305	182.76	379.25	497.37	51.18
66	<input type="checkbox"/>	309	0.00	382.11	497.51	50.00
67	<input type="checkbox"/>	616	0.00	371.92	496.92	54.16
68	<input type="checkbox"/>	385	0.00	385.91	496.66	47.99
69	<input type="checkbox"/>	421	73.98	391.00	495.92	45.46
70	<input type="checkbox"/>	425	180.33	394.08	495.60	43.99
71	<input type="checkbox"/>	429	271.14	383.37	495.57	48.62
72	<input type="checkbox"/>	433	37.77	390.00	495.70	45.80
73	<input type="checkbox"/>	437	54.90	388.00	495.58	46.62
74	<input type="checkbox"/>	441	154.83	382.75	495.55	48.88
75	<input type="checkbox"/>	445	152.43	366.80	495.99	55.98
76	<input type="checkbox"/>	449	2.76	362.01	496.07	58.09
77	<input type="checkbox"/>	457	57.99	363.91	496.25	57.34
78	<input type="checkbox"/>	461	150.63	368.29	496.38	55.50
79	<input type="checkbox"/>	465	127.44	367.39	496.16	55.80
80	<input type="checkbox"/>	469	130.77	369.16	496.30	55.09
81	<input type="checkbox"/>	473	67.71	368.81	496.55	55.35
82	<input type="checkbox"/>	481	111.54	380.00	496.78	50.60
83	<input type="checkbox"/>	485	125.64	384.00	496.10	48.57
84	<input type="checkbox"/>	489	54.18	388.85	495.61	46.26
85	<input type="checkbox"/>	493	141.45	377.57	495.69	51.18
86	<input type="checkbox"/>	497	0.00	379.50	495.89	50.43
87	<input type="checkbox"/>	501	107.43	381.45	496.15	49.70

Phase 3 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	140.46	383.49	495.37	48.48
89	<input type="checkbox"/>	509	219.27	379.21	496.05	50.63
90	<input type="checkbox"/>	513	0.00	382.65	495.58	48.93
91	<input type="checkbox"/>	525	0.00	375.92	497.15	52.53
92	<input type="checkbox"/>	529	0.00	378.05	497.29	51.67
93	<input type="checkbox"/>	533	0.00	393.75	495.58	44.12
94	<input type="checkbox"/>	537	0.00	388.65	496.51	46.74
95	<input type="checkbox"/>	541	0.00	386.87	496.63	47.56
96	<input type="checkbox"/>	545	0.00	375.12	496.21	52.47
97	<input type="checkbox"/>	549	0.00	389.88	495.58	45.80
98	<input type="checkbox"/>	553	0.00	378.46	496.21	51.02
99	<input type="checkbox"/>	557	0.00	388.94	496.66	46.67
100	<input type="checkbox"/>	561	0.00	397.45	496.66	42.99
101	<input type="checkbox"/>	565	0.00	398.88	496.66	42.37
102	<input type="checkbox"/>	569	0.00	434.83	496.66	26.79
103	<input type="checkbox"/>	573	0.00	417.23	496.66	34.42
104	<input type="checkbox"/>	577	0.00	377.09	496.95	51.94
105	<input type="checkbox"/>	581	0.00	376.80	497.07	52.11
106	<input type="checkbox"/>	585	0.00	382.01	496.42	49.57
107	<input type="checkbox"/>	589	0.00	376.86	497.12	52.11
108	<input type="checkbox"/>	593	0.00	366.64	496.42	56.23
109	<input type="checkbox"/>	597	0.00	367.63	496.66	55.91
110	<input type="checkbox"/>	601	0.00	378.25	496.24	51.12
111	<input type="checkbox"/>	617	0.00	404.84	496.66	39.79
112	<input type="checkbox"/>	621	0.00	430.05	496.66	28.87
113	<input type="checkbox"/>	625	0.00	397.76	496.66	42.85
114	<input type="checkbox"/>	633	10.00	395.99	496.66	43.62
115	<input type="checkbox"/>	637	0.00	462.63	496.66	14.75
116	<input type="checkbox"/>	649	0.00	398.97	496.66	42.33

Phase 3 Junction Report for t = 5:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	496.66	42.93
118	<input type="checkbox"/>	661	0.00	372.83	496.67	53.66
119	<input type="checkbox"/>	665	10.00	404.88	543.37	60.01
120	<input type="checkbox"/>	677	0.00	408.63	543.37	58.38
121	<input type="checkbox"/>	681	0.00	410.53	543.37	57.56
122	<input type="checkbox"/>	693	0.00	424.36	543.37	51.57
123	<input type="checkbox"/>	697	0.00	425.95	543.37	50.88
124	<input type="checkbox"/>	701	0.00	420.33	543.37	53.31
125	<input type="checkbox"/>	705	0.00	418.20	543.37	54.24
126	<input type="checkbox"/>	709	0.00	415.88	543.37	55.24
127	<input type="checkbox"/>	713	0.00	414.27	543.37	55.94
128	<input type="checkbox"/>	717	0.00	413.98	543.37	56.06
129	<input type="checkbox"/>	741	0.00	420.07	543.37	53.42
130	<input type="checkbox"/>	753	0.00	407.86	543.37	58.71
131	<input type="checkbox"/>	757	0.00	416.30	543.37	55.06
132	<input type="checkbox"/>	761	0.00	421.52	543.37	52.80

Phase 3 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	280	0.00	346.15	497.50	65.58
28	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
29	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43

Phase 3 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
31	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
32	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
33	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
34	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
35	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
36	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
37	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
38	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
39	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
40	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
41	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
42	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
43	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
44	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
45	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
46	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
47	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
48	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
49	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
50	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
51	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
52	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
53	<input type="checkbox"/>	716	0.00	343.11	497.50	66.90
54	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
55	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
56	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
57	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
58	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77

Phase 3 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
60	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54
61	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
62	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
63	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
64	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
65	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
66	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
67	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
68	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
69	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
70	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
71	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
72	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
73	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
74	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
75	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
76	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
77	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
78	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
79	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
80	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
81	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
82	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
83	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
84	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
85	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
86	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
87	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28

Phase 3 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
89	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26
90	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
91	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
92	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
93	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
94	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
95	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
96	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
97	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
98	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
99	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
100	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
101	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
102	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
103	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
104	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
105	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
106	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
107	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
108	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
109	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
110	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
111	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
112	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
113	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
114	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
115	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
116	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69

Phase 3 Junction Report for t = 6:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
118	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
119	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
120	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
121	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
122	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
123	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
124	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
125	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
126	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
127	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
128	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
129	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
130	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
131	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
132	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 3 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	494.85	54.58
2	<input type="checkbox"/>	112	0.00	374.62	493.77	51.63
3	<input type="checkbox"/>	116	0.00	378.08	492.75	49.69
4	<input type="checkbox"/>	120	0.00	385.56	491.68	45.98
5	<input type="checkbox"/>	124	0.00	387.85	490.58	44.51
6	<input type="checkbox"/>	128	0.00	390.02	489.46	43.09
7	<input type="checkbox"/>	132	0.00	383.45	488.26	45.41
8	<input type="checkbox"/>	136	0.00	377.67	487.02	47.38
9	<input type="checkbox"/>	144	0.00	382.00	485.75	44.96
10	<input type="checkbox"/>	148	0.00	384.90	485.59	43.63
11	<input type="checkbox"/>	152	575.40	387.06	485.48	42.65
12	<input type="checkbox"/>	156	574.40	387.15	485.46	42.60
13	<input type="checkbox"/>	160	0.00	385.30	485.46	43.40
14	<input type="checkbox"/>	168	0.00	392.25	485.46	40.39
15	<input type="checkbox"/>	176	0.00	377.66	482.83	45.57
16	<input type="checkbox"/>	188	0.00	371.85	476.36	45.29
17	<input type="checkbox"/>	196	0.00	372.77	472.71	43.30
18	<input type="checkbox"/>	204	0.00	368.10	468.51	43.51
19	<input type="checkbox"/>	216	0.00	367.60	465.17	42.27
20	<input type="checkbox"/>	220	0.00	362.39	462.55	43.40
21	<input type="checkbox"/>	232	0.00	361.59	459.25	42.31
22	<input type="checkbox"/>	236	0.00	360.09	456.82	41.91
23	<input type="checkbox"/>	240	0.00	358.49	455.89	42.21
24	<input type="checkbox"/>	244	0.00	358.05	455.89	42.39
25	<input type="checkbox"/>	272	216.20	351.43	438.12	37.56
26	<input type="checkbox"/>	276	0.00	349.80	439.79	38.99
27	<input type="checkbox"/>	280	0.00	346.15	435.45	38.70
28	<input type="checkbox"/>	288	0.00	375.46	465.55	39.04
29	<input type="checkbox"/>	328	0.00	397.27	485.46	38.21

Phase 3 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	485.46	36.37
31	<input type="checkbox"/>	336	0.00	407.21	485.46	33.90
32	<input type="checkbox"/>	340	0.00	406.47	485.46	34.22
33	<input type="checkbox"/>	344	0.00	404.87	485.46	34.92
34	<input type="checkbox"/>	388	0.00	376.45	492.74	50.39
35	<input type="checkbox"/>	392	0.00	377.15	492.55	50.00
36	<input type="checkbox"/>	396	0.00	378.22	492.38	49.46
37	<input type="checkbox"/>	400	0.00	381.65	492.13	47.87
38	<input type="checkbox"/>	404	0.00	379.03	492.13	49.00
39	<input type="checkbox"/>	472	0.00	352.64	443.13	39.21
40	<input type="checkbox"/>	476	0.00	350.72	443.13	40.04
41	<input type="checkbox"/>	480	0.00	351.63	441.88	39.11
42	<input type="checkbox"/>	528	0.00	361.17	458.71	42.26
43	<input type="checkbox"/>	536	0.00	382.20	485.69	44.84
44	<input type="checkbox"/>	560	0.00	382.50	485.69	44.71
45	<input type="checkbox"/>	592	0.00	382.88	481.06	42.54
46	<input type="checkbox"/>	596	0.00	387.55	485.46	42.42
47	<input type="checkbox"/>	628	207.16	373.74	461.95	38.22
48	<input type="checkbox"/>	636	258.68	360.96	455.49	40.96
49	<input type="checkbox"/>	640	0.00	373.91	479.10	45.58
50	<input type="checkbox"/>	644	0.00	362.08	457.26	41.24
51	<input type="checkbox"/>	648	0.00	381.62	490.41	47.14
52	<input type="checkbox"/>	652	0.00	377.56	491.04	49.17
53	<input type="checkbox"/>	716	5,184.00	343.11	433.20	39.04
54	<input type="checkbox"/>	728	0.00	360.55	455.16	41.00
55	<input type="checkbox"/>	732	0.00	361.71	454.52	40.21
56	<input type="checkbox"/>	760	0.00	363.73	454.52	39.34
57	<input type="checkbox"/>	764	0.00	359.47	454.07	40.99
58	<input type="checkbox"/>	768	0.00	357.26	451.86	40.99

Phase 3 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	449.30	39.75
60	<input type="checkbox"/>	776	0.00	353.17	445.59	40.05
61	<input type="checkbox"/>	265	216.20	353.68	437.02	36.11
62	<input type="checkbox"/>	269	207.16	374.15	461.26	37.74
63	<input type="checkbox"/>	273	258.68	363.39	452.17	38.46
64	<input type="checkbox"/>	301	0.00	371.42	496.00	53.98
65	<input type="checkbox"/>	305	0.00	379.25	497.08	51.05
66	<input type="checkbox"/>	309	0.00	382.11	497.68	50.08
67	<input type="checkbox"/>	616	0.00	371.92	494.31	53.03
68	<input type="checkbox"/>	385	0.00	385.91	485.46	43.13
69	<input type="checkbox"/>	421	0.00	391.00	490.61	43.16
70	<input type="checkbox"/>	425	0.00	394.08	490.97	41.98
71	<input type="checkbox"/>	429	0.00	383.37	492.34	47.22
72	<input type="checkbox"/>	433	0.00	390.00	491.39	43.93
73	<input type="checkbox"/>	437	0.00	388.00	492.16	45.13
74	<input type="checkbox"/>	441	0.00	382.75	492.94	47.75
75	<input type="checkbox"/>	445	0.00	366.80	493.59	54.94
76	<input type="checkbox"/>	449	0.00	362.01	493.71	57.07
77	<input type="checkbox"/>	457	0.00	363.91	493.95	56.35
78	<input type="checkbox"/>	461	0.00	368.29	493.83	54.40
79	<input type="checkbox"/>	465	0.00	367.39	495.24	55.40
80	<input type="checkbox"/>	469	0.00	369.16	496.00	54.96
81	<input type="checkbox"/>	473	0.00	368.81	496.70	55.42
82	<input type="checkbox"/>	481	0.00	380.00	497.23	50.79
83	<input type="checkbox"/>	485	0.00	384.00	496.10	48.57
84	<input type="checkbox"/>	489	0.00	388.85	494.71	45.87
85	<input type="checkbox"/>	493	0.00	377.57	493.47	50.22
86	<input type="checkbox"/>	497	470.40	379.50	493.87	49.56
87	<input type="checkbox"/>	501	0.00	381.45	491.67	47.76

Phase 3 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	493.67	47.74
89	<input type="checkbox"/>	509	0.00	379.21	495.15	50.24
90	<input type="checkbox"/>	513	0.00	382.65	493.95	48.23
91	<input type="checkbox"/>	525	0.00	375.92	497.06	52.49
92	<input type="checkbox"/>	529	0.00	378.05	497.07	51.57
93	<input type="checkbox"/>	533	0.00	393.75	492.16	42.64
94	<input type="checkbox"/>	537	0.00	388.65	490.64	44.19
95	<input type="checkbox"/>	541	0.00	386.87	490.55	44.93
96	<input type="checkbox"/>	545	0.00	375.12	493.61	51.34
97	<input type="checkbox"/>	549	0.00	389.88	491.64	44.09
98	<input type="checkbox"/>	553	0.00	378.46	493.05	49.65
99	<input type="checkbox"/>	557	0.00	388.94	485.46	41.82
100	<input type="checkbox"/>	561	0.00	397.45	485.46	38.13
101	<input type="checkbox"/>	565	0.00	398.88	485.46	37.51
102	<input type="checkbox"/>	569	0.00	434.83	485.46	21.94
103	<input type="checkbox"/>	573	0.00	417.23	485.46	29.56
104	<input type="checkbox"/>	577	0.00	377.09	497.26	52.07
105	<input type="checkbox"/>	581	0.00	376.80	497.05	52.11
106	<input type="checkbox"/>	585	0.00	382.01	496.10	49.43
107	<input type="checkbox"/>	589	0.00	376.86	497.28	52.18
108	<input type="checkbox"/>	593	0.00	366.64	494.85	55.55
109	<input type="checkbox"/>	597	0.00	367.63	465.17	42.26
110	<input type="checkbox"/>	601	0.00	378.25	491.04	48.87
111	<input type="checkbox"/>	617	0.00	404.84	485.46	34.93
112	<input type="checkbox"/>	621	0.00	430.05	485.46	24.01
113	<input type="checkbox"/>	625	0.00	397.76	485.46	38.00
114	<input type="checkbox"/>	633	10.00	395.99	485.46	38.76
115	<input type="checkbox"/>	637	0.00	462.63	485.46	9.89
116	<input type="checkbox"/>	649	0.00	398.97	485.46	37.48

Phase 3 Junction Report for t = 7:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	485.46	38.08
118	<input type="checkbox"/>	661	0.00	372.83	486.39	49.21
119	<input type="checkbox"/>	665	10.00	404.88	543.64	60.13
120	<input type="checkbox"/>	677	0.00	408.63	543.64	58.50
121	<input type="checkbox"/>	681	0.00	410.53	543.64	57.68
122	<input type="checkbox"/>	693	0.00	424.36	543.64	51.69
123	<input type="checkbox"/>	697	0.00	425.95	543.64	51.00
124	<input type="checkbox"/>	701	0.00	420.33	543.64	53.43
125	<input type="checkbox"/>	705	0.00	418.20	543.64	54.36
126	<input type="checkbox"/>	709	0.00	415.88	543.64	55.36
127	<input type="checkbox"/>	713	0.00	414.27	543.64	56.06
128	<input type="checkbox"/>	717	0.00	413.98	543.64	56.18
129	<input type="checkbox"/>	741	0.00	420.07	543.64	53.54
130	<input type="checkbox"/>	753	0.00	407.86	543.64	58.83
131	<input type="checkbox"/>	757	0.00	416.30	543.64	55.18
132	<input type="checkbox"/>	761	0.00	421.52	543.64	52.92

Phase 3 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	494.86	54.58
2	<input type="checkbox"/>	112	0.00	374.62	493.78	51.63
3	<input type="checkbox"/>	116	0.00	378.08	492.76	49.69
4	<input type="checkbox"/>	120	0.00	385.56	491.69	45.98
5	<input type="checkbox"/>	124	0.00	387.85	490.58	44.51
6	<input type="checkbox"/>	128	0.00	390.02	489.47	43.09
7	<input type="checkbox"/>	132	0.00	383.45	488.26	45.41
8	<input type="checkbox"/>	136	0.00	377.67	487.02	47.38
9	<input type="checkbox"/>	144	0.00	382.00	485.75	44.96
10	<input type="checkbox"/>	148	0.00	384.90	485.59	43.63
11	<input type="checkbox"/>	152	575.40	387.06	485.48	42.65
12	<input type="checkbox"/>	156	574.40	387.15	485.46	42.60
13	<input type="checkbox"/>	160	0.00	385.30	485.46	43.40
14	<input type="checkbox"/>	168	0.00	392.25	485.46	40.39
15	<input type="checkbox"/>	176	0.00	377.66	482.84	45.57
16	<input type="checkbox"/>	188	0.00	371.85	476.37	45.29
17	<input type="checkbox"/>	196	0.00	372.77	472.71	43.30
18	<input type="checkbox"/>	204	0.00	368.10	468.51	43.51
19	<input type="checkbox"/>	216	0.00	367.60	465.17	42.27
20	<input type="checkbox"/>	220	0.00	362.39	462.55	43.40
21	<input type="checkbox"/>	232	0.00	361.59	459.25	42.32
22	<input type="checkbox"/>	236	0.00	360.09	456.82	41.91
23	<input type="checkbox"/>	240	0.00	358.49	455.89	42.21
24	<input type="checkbox"/>	244	0.00	358.05	455.89	42.40
25	<input type="checkbox"/>	272	216.20	351.43	438.12	37.57
26	<input type="checkbox"/>	276	0.00	349.80	439.79	38.99
27	<input type="checkbox"/>	280	0.00	346.15	435.46	38.70
28	<input type="checkbox"/>	288	0.00	375.46	465.55	39.04
29	<input type="checkbox"/>	328	0.00	397.27	485.46	38.21

Phase 3 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	485.46	36.37
31	<input type="checkbox"/>	336	0.00	407.21	485.46	33.90
32	<input type="checkbox"/>	340	0.00	406.47	485.46	34.22
33	<input type="checkbox"/>	344	0.00	404.87	485.46	34.92
34	<input type="checkbox"/>	388	0.00	376.45	492.74	50.39
35	<input type="checkbox"/>	392	0.00	377.15	492.55	50.00
36	<input type="checkbox"/>	396	0.00	378.22	492.38	49.46
37	<input type="checkbox"/>	400	0.00	381.65	492.13	47.87
38	<input type="checkbox"/>	404	0.00	379.03	492.13	49.00
39	<input type="checkbox"/>	472	0.00	352.64	443.13	39.21
40	<input type="checkbox"/>	476	0.00	350.72	443.13	40.04
41	<input type="checkbox"/>	480	0.00	351.63	441.88	39.11
42	<input type="checkbox"/>	528	0.00	361.17	458.71	42.26
43	<input type="checkbox"/>	536	0.00	382.20	485.69	44.84
44	<input type="checkbox"/>	560	0.00	382.50	485.69	44.71
45	<input type="checkbox"/>	592	0.00	382.88	481.06	42.54
46	<input type="checkbox"/>	596	0.00	387.55	485.46	42.42
47	<input type="checkbox"/>	628	207.16	373.74	461.96	38.22
48	<input type="checkbox"/>	636	258.68	360.96	455.49	40.96
49	<input type="checkbox"/>	640	0.00	373.91	479.10	45.58
50	<input type="checkbox"/>	644	0.00	362.08	457.26	41.24
51	<input type="checkbox"/>	648	0.00	381.62	490.41	47.14
52	<input type="checkbox"/>	652	0.00	377.56	491.04	49.17
53	<input type="checkbox"/>	716	5,184.00	343.11	433.21	39.04
54	<input type="checkbox"/>	728	0.00	360.55	455.16	41.00
55	<input type="checkbox"/>	732	0.00	361.71	454.52	40.22
56	<input type="checkbox"/>	760	0.00	363.73	454.52	39.34
57	<input type="checkbox"/>	764	0.00	359.47	454.07	40.99
58	<input type="checkbox"/>	768	0.00	357.26	451.86	40.99

Phase 3 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	■	772	0.00	357.57	449.30	39.75
60	■	776	0.00	353.17	445.59	40.05
61	■	265	216.20	353.68	437.02	36.11
62	■	269	207.16	374.15	461.26	37.75
63	■	273	258.68	363.39	452.17	38.47
64	■	301	0.00	371.42	496.00	53.98
65	■	305	0.00	379.25	497.08	51.06
66	■	309	0.00	382.11	497.68	50.08
67	■	616	0.00	371.92	494.31	53.03
68	■	385	0.00	385.91	485.46	43.13
69	■	421	0.00	391.00	490.61	43.16
70	■	425	0.00	394.08	490.97	41.98
71	■	429	0.00	383.37	492.34	47.22
72	■	433	0.00	390.00	491.39	43.93
73	■	437	0.00	388.00	492.16	45.13
74	■	441	0.00	382.75	492.95	47.75
75	■	445	0.00	366.80	493.60	54.94
76	■	449	0.00	362.01	493.71	57.07
77	■	457	0.00	363.91	493.95	56.35
78	■	461	0.00	368.29	493.83	54.40
79	■	465	0.00	367.39	495.24	55.40
80	■	469	0.00	369.16	496.00	54.96
81	■	473	0.00	368.81	496.70	55.42
82	■	481	0.00	380.00	497.23	50.79
83	■	485	0.00	384.00	496.10	48.57
84	■	489	0.00	388.85	494.71	45.87
85	■	493	0.00	377.57	493.47	50.22
86	■	497	470.40	379.50	493.87	49.56
87	■	501	0.00	381.45	491.67	47.76

Phase 3 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	493.67	47.74
89	<input type="checkbox"/>	509	0.00	379.21	495.15	50.24
90	<input type="checkbox"/>	513	0.00	382.65	493.95	48.23
91	<input type="checkbox"/>	525	0.00	375.92	497.06	52.49
92	<input type="checkbox"/>	529	0.00	378.05	497.07	51.57
93	<input type="checkbox"/>	533	0.00	393.75	492.16	42.64
94	<input type="checkbox"/>	537	0.00	388.65	490.64	44.19
95	<input type="checkbox"/>	541	0.00	386.87	490.55	44.93
96	<input type="checkbox"/>	545	0.00	375.12	493.61	51.34
97	<input type="checkbox"/>	549	0.00	389.88	491.64	44.10
98	<input type="checkbox"/>	553	0.00	378.46	493.05	49.65
99	<input type="checkbox"/>	557	0.00	388.94	485.46	41.82
100	<input type="checkbox"/>	561	0.00	397.45	485.46	38.13
101	<input type="checkbox"/>	565	0.00	398.88	485.46	37.52
102	<input type="checkbox"/>	569	0.00	434.83	485.46	21.94
103	<input type="checkbox"/>	573	0.00	417.23	485.46	29.56
104	<input type="checkbox"/>	577	0.00	377.09	497.26	52.07
105	<input type="checkbox"/>	581	0.00	376.80	497.06	52.11
106	<input type="checkbox"/>	585	0.00	382.01	496.10	49.43
107	<input type="checkbox"/>	589	0.00	376.86	497.29	52.18
108	<input type="checkbox"/>	593	0.00	366.64	494.85	55.55
109	<input type="checkbox"/>	597	0.00	367.63	465.17	42.26
110	<input type="checkbox"/>	601	0.00	378.25	491.04	48.87
111	<input type="checkbox"/>	617	0.00	404.84	485.46	34.93
112	<input type="checkbox"/>	621	0.00	430.05	485.46	24.01
113	<input type="checkbox"/>	625	0.00	397.76	485.46	38.00
114	<input type="checkbox"/>	633	10.00	395.99	485.46	38.77
115	<input type="checkbox"/>	637	0.00	462.63	485.46	9.89
116	<input type="checkbox"/>	649	0.00	398.97	485.46	37.48

Phase 3 Junction Report for t = 8:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	485.46	38.08
118	<input type="checkbox"/>	661	0.00	372.83	486.39	49.21
119	<input type="checkbox"/>	665	10.00	404.88	543.65	60.13
120	<input type="checkbox"/>	677	0.00	408.63	543.65	58.50
121	<input type="checkbox"/>	681	0.00	410.53	543.65	57.68
122	<input type="checkbox"/>	693	0.00	424.36	543.65	51.69
123	<input type="checkbox"/>	697	0.00	425.95	543.65	51.00
124	<input type="checkbox"/>	701	0.00	420.33	543.65	53.43
125	<input type="checkbox"/>	705	0.00	418.20	543.65	54.36
126	<input type="checkbox"/>	709	0.00	415.88	543.65	55.36
127	<input type="checkbox"/>	713	0.00	414.27	543.65	56.06
128	<input type="checkbox"/>	717	0.00	413.98	543.65	56.18
129	<input type="checkbox"/>	741	0.00	420.07	543.65	53.54
130	<input type="checkbox"/>	753	0.00	407.86	543.65	58.83
131	<input type="checkbox"/>	757	0.00	416.30	543.65	55.18
132	<input type="checkbox"/>	761	0.00	421.52	543.65	52.92

Phase 3 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	494.86	54.58
2	<input type="checkbox"/>	112	0.00	374.62	493.78	51.63
3	<input type="checkbox"/>	116	0.00	378.08	492.76	49.69
4	<input type="checkbox"/>	120	0.00	385.56	491.69	45.98
5	<input type="checkbox"/>	124	0.00	387.85	490.58	44.51
6	<input type="checkbox"/>	128	0.00	390.02	489.47	43.09
7	<input type="checkbox"/>	132	0.00	383.45	488.26	45.41
8	<input type="checkbox"/>	136	0.00	377.67	487.02	47.38
9	<input type="checkbox"/>	144	0.00	382.00	485.75	44.96
10	<input type="checkbox"/>	148	0.00	384.90	485.59	43.63
11	<input type="checkbox"/>	152	575.40	387.06	485.48	42.65
12	<input type="checkbox"/>	156	574.40	387.15	485.46	42.60
13	<input type="checkbox"/>	160	0.00	385.30	485.46	43.40
14	<input type="checkbox"/>	168	0.00	392.25	485.46	40.39
15	<input type="checkbox"/>	176	0.00	377.66	482.84	45.57
16	<input type="checkbox"/>	188	0.00	371.85	476.37	45.29
17	<input type="checkbox"/>	196	0.00	372.77	472.71	43.30
18	<input type="checkbox"/>	204	0.00	368.10	468.51	43.51
19	<input type="checkbox"/>	216	0.00	367.60	465.17	42.27
20	<input type="checkbox"/>	220	0.00	362.39	462.55	43.40
21	<input type="checkbox"/>	232	0.00	361.59	459.25	42.32
22	<input type="checkbox"/>	236	0.00	360.09	456.82	41.91
23	<input type="checkbox"/>	240	0.00	358.49	455.89	42.21
24	<input type="checkbox"/>	244	0.00	358.05	455.89	42.40
25	<input type="checkbox"/>	272	216.20	351.43	438.12	37.57
26	<input type="checkbox"/>	276	0.00	349.80	439.79	38.99
27	<input type="checkbox"/>	280	0.00	346.15	435.46	38.70
28	<input type="checkbox"/>	288	0.00	375.46	465.55	39.04
29	<input type="checkbox"/>	328	0.00	397.27	485.46	38.21

Phase 3 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	485.46	36.37
31	<input type="checkbox"/>	336	0.00	407.21	485.46	33.90
32	<input type="checkbox"/>	340	0.00	406.47	485.46	34.22
33	<input type="checkbox"/>	344	0.00	404.87	485.46	34.92
34	<input type="checkbox"/>	388	0.00	376.45	492.74	50.39
35	<input type="checkbox"/>	392	0.00	377.15	492.55	50.00
36	<input type="checkbox"/>	396	0.00	378.22	492.38	49.46
37	<input type="checkbox"/>	400	0.00	381.65	492.13	47.87
38	<input type="checkbox"/>	404	0.00	379.03	492.13	49.00
39	<input type="checkbox"/>	472	0.00	352.64	443.13	39.21
40	<input type="checkbox"/>	476	0.00	350.72	443.13	40.04
41	<input type="checkbox"/>	480	0.00	351.63	441.88	39.11
42	<input type="checkbox"/>	528	0.00	361.17	458.71	42.26
43	<input type="checkbox"/>	536	0.00	382.20	485.69	44.84
44	<input type="checkbox"/>	560	0.00	382.50	485.69	44.71
45	<input type="checkbox"/>	592	0.00	382.88	481.06	42.54
46	<input type="checkbox"/>	596	0.00	387.55	485.46	42.42
47	<input type="checkbox"/>	628	207.16	373.74	461.96	38.22
48	<input type="checkbox"/>	636	258.68	360.96	455.49	40.96
49	<input type="checkbox"/>	640	0.00	373.91	479.10	45.58
50	<input type="checkbox"/>	644	0.00	362.08	457.26	41.24
51	<input type="checkbox"/>	648	0.00	381.62	490.41	47.14
52	<input type="checkbox"/>	652	0.00	377.56	491.04	49.17
53	<input type="checkbox"/>	716	5,184.00	343.11	433.21	39.04
54	<input type="checkbox"/>	728	0.00	360.55	455.16	41.00
55	<input type="checkbox"/>	732	0.00	361.71	454.52	40.22
56	<input type="checkbox"/>	760	0.00	363.73	454.52	39.34
57	<input type="checkbox"/>	764	0.00	359.47	454.07	40.99
58	<input type="checkbox"/>	768	0.00	357.26	451.86	40.99

Phase 3 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	449.30	39.75
60	<input type="checkbox"/>	776	0.00	353.17	445.59	40.05
61	<input type="checkbox"/>	265	216.20	353.68	437.02	36.11
62	<input type="checkbox"/>	269	207.16	374.15	461.26	37.75
63	<input type="checkbox"/>	273	258.68	363.39	452.17	38.47
64	<input type="checkbox"/>	301	0.00	371.42	496.00	53.98
65	<input type="checkbox"/>	305	0.00	379.25	497.08	51.06
66	<input type="checkbox"/>	309	0.00	382.11	497.68	50.08
67	<input type="checkbox"/>	616	0.00	371.92	494.31	53.03
68	<input type="checkbox"/>	385	0.00	385.91	485.46	43.13
69	<input type="checkbox"/>	421	0.00	391.00	490.61	43.16
70	<input type="checkbox"/>	425	0.00	394.08	490.97	41.98
71	<input type="checkbox"/>	429	0.00	383.37	492.34	47.22
72	<input type="checkbox"/>	433	0.00	390.00	491.39	43.93
73	<input type="checkbox"/>	437	0.00	388.00	492.16	45.13
74	<input type="checkbox"/>	441	0.00	382.75	492.95	47.75
75	<input type="checkbox"/>	445	0.00	366.80	493.60	54.94
76	<input type="checkbox"/>	449	0.00	362.01	493.71	57.07
77	<input type="checkbox"/>	457	0.00	363.91	493.95	56.35
78	<input type="checkbox"/>	461	0.00	368.29	493.83	54.40
79	<input type="checkbox"/>	465	0.00	367.39	495.24	55.40
80	<input type="checkbox"/>	469	0.00	369.16	496.00	54.96
81	<input type="checkbox"/>	473	0.00	368.81	496.70	55.42
82	<input type="checkbox"/>	481	0.00	380.00	497.23	50.79
83	<input type="checkbox"/>	485	0.00	384.00	496.10	48.57
84	<input type="checkbox"/>	489	0.00	388.85	494.71	45.87
85	<input type="checkbox"/>	493	0.00	377.57	493.47	50.22
86	<input type="checkbox"/>	497	470.40	379.50	493.87	49.56
87	<input type="checkbox"/>	501	0.00	381.45	491.67	47.76

Phase 3 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	493.67	47.74
89	<input type="checkbox"/>	509	0.00	379.21	495.15	50.24
90	<input type="checkbox"/>	513	0.00	382.65	493.95	48.23
91	<input type="checkbox"/>	525	0.00	375.92	497.06	52.49
92	<input type="checkbox"/>	529	0.00	378.05	497.07	51.57
93	<input type="checkbox"/>	533	0.00	393.75	492.16	42.64
94	<input type="checkbox"/>	537	0.00	388.65	490.64	44.19
95	<input type="checkbox"/>	541	0.00	386.87	490.55	44.93
96	<input type="checkbox"/>	545	0.00	375.12	493.61	51.34
97	<input type="checkbox"/>	549	0.00	389.88	491.64	44.10
98	<input type="checkbox"/>	553	0.00	378.46	493.05	49.65
99	<input type="checkbox"/>	557	0.00	388.94	485.46	41.82
100	<input type="checkbox"/>	561	0.00	397.45	485.46	38.13
101	<input type="checkbox"/>	565	0.00	398.88	485.46	37.52
102	<input type="checkbox"/>	569	0.00	434.83	485.46	21.94
103	<input type="checkbox"/>	573	0.00	417.23	485.46	29.56
104	<input type="checkbox"/>	577	0.00	377.09	497.26	52.07
105	<input type="checkbox"/>	581	0.00	376.80	497.06	52.11
106	<input type="checkbox"/>	585	0.00	382.01	496.10	49.43
107	<input type="checkbox"/>	589	0.00	376.86	497.29	52.18
108	<input type="checkbox"/>	593	0.00	366.64	494.85	55.55
109	<input type="checkbox"/>	597	0.00	367.63	465.17	42.26
110	<input type="checkbox"/>	601	0.00	378.25	491.04	48.87
111	<input type="checkbox"/>	617	0.00	404.84	485.46	34.93
112	<input type="checkbox"/>	621	0.00	430.05	485.46	24.01
113	<input type="checkbox"/>	625	0.00	397.76	485.46	38.00
114	<input type="checkbox"/>	633	10.00	395.99	485.46	38.77
115	<input type="checkbox"/>	637	0.00	462.63	485.46	9.89
116	<input type="checkbox"/>	649	0.00	398.97	485.46	37.48

Phase 3 Junction Report for t = 9:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	485.46	38.08
118	<input type="checkbox"/>	661	0.00	372.83	486.39	49.21
119	<input type="checkbox"/>	665	10.00	404.88	543.65	60.13
120	<input type="checkbox"/>	677	0.00	408.63	543.65	58.50
121	<input type="checkbox"/>	681	0.00	410.53	543.65	57.68
122	<input type="checkbox"/>	693	0.00	424.36	543.65	51.69
123	<input type="checkbox"/>	697	0.00	425.95	543.65	51.00
124	<input type="checkbox"/>	701	0.00	420.33	543.65	53.43
125	<input type="checkbox"/>	705	0.00	418.20	543.65	54.36
126	<input type="checkbox"/>	709	0.00	415.88	543.65	55.36
127	<input type="checkbox"/>	713	0.00	414.27	543.65	56.06
128	<input type="checkbox"/>	717	0.00	413.98	543.65	56.18
129	<input type="checkbox"/>	741	0.00	420.07	543.65	53.54
130	<input type="checkbox"/>	753	0.00	407.86	543.65	58.83
131	<input type="checkbox"/>	757	0.00	416.30	543.65	55.18
132	<input type="checkbox"/>	761	0.00	421.52	543.65	52.92

Phase 3 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	494.86	54.58
2	<input type="checkbox"/>	112	0.00	374.62	493.78	51.63
3	<input type="checkbox"/>	116	0.00	378.08	492.76	49.69
4	<input type="checkbox"/>	120	0.00	385.56	491.69	45.98
5	<input type="checkbox"/>	124	0.00	387.85	490.58	44.51
6	<input type="checkbox"/>	128	0.00	390.02	489.47	43.09
7	<input type="checkbox"/>	132	0.00	383.45	488.26	45.41
8	<input type="checkbox"/>	136	0.00	377.67	487.02	47.38
9	<input type="checkbox"/>	144	0.00	382.00	485.75	44.96
10	<input type="checkbox"/>	148	0.00	384.90	485.59	43.63
11	<input type="checkbox"/>	152	575.40	387.06	485.48	42.65
12	<input type="checkbox"/>	156	574.40	387.15	485.46	42.60
13	<input type="checkbox"/>	160	0.00	385.30	485.46	43.40
14	<input type="checkbox"/>	168	0.00	392.25	485.46	40.39
15	<input type="checkbox"/>	176	0.00	377.66	482.84	45.57
16	<input type="checkbox"/>	188	0.00	371.85	476.37	45.29
17	<input type="checkbox"/>	196	0.00	372.77	472.71	43.30
18	<input type="checkbox"/>	204	0.00	368.10	468.51	43.51
19	<input type="checkbox"/>	216	0.00	367.60	465.17	42.27
20	<input type="checkbox"/>	220	0.00	362.39	462.55	43.40
21	<input type="checkbox"/>	232	0.00	361.59	459.25	42.32
22	<input type="checkbox"/>	236	0.00	360.09	456.82	41.91
23	<input type="checkbox"/>	240	0.00	358.49	455.89	42.21
24	<input type="checkbox"/>	244	0.00	358.05	455.89	42.40
25	<input type="checkbox"/>	272	216.20	351.43	438.12	37.56
26	<input type="checkbox"/>	276	0.00	349.80	439.79	38.99
27	<input type="checkbox"/>	280	0.00	346.15	435.46	38.70
28	<input type="checkbox"/>	288	0.00	375.46	465.55	39.04
29	<input type="checkbox"/>	328	0.00	397.27	485.46	38.21

Phase 3 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	485.46	36.37
31	<input type="checkbox"/>	336	0.00	407.21	485.46	33.90
32	<input type="checkbox"/>	340	0.00	406.47	485.46	34.22
33	<input type="checkbox"/>	344	0.00	404.87	485.46	34.92
34	<input type="checkbox"/>	388	0.00	376.45	492.74	50.39
35	<input type="checkbox"/>	392	0.00	377.15	492.55	50.00
36	<input type="checkbox"/>	396	0.00	378.22	492.38	49.46
37	<input type="checkbox"/>	400	0.00	381.65	492.13	47.87
38	<input type="checkbox"/>	404	0.00	379.03	492.13	49.00
39	<input type="checkbox"/>	472	0.00	352.64	443.13	39.21
40	<input type="checkbox"/>	476	0.00	350.72	443.13	40.04
41	<input type="checkbox"/>	480	0.00	351.63	441.88	39.11
42	<input type="checkbox"/>	528	0.00	361.17	458.71	42.26
43	<input type="checkbox"/>	536	0.00	382.20	485.69	44.84
44	<input type="checkbox"/>	560	0.00	382.50	485.69	44.71
45	<input type="checkbox"/>	592	0.00	382.88	481.06	42.54
46	<input type="checkbox"/>	596	0.00	387.55	485.46	42.42
47	<input type="checkbox"/>	628	207.16	373.74	461.96	38.22
48	<input type="checkbox"/>	636	258.68	360.96	455.49	40.96
49	<input type="checkbox"/>	640	0.00	373.91	479.10	45.58
50	<input type="checkbox"/>	644	0.00	362.08	457.26	41.24
51	<input type="checkbox"/>	648	0.00	381.62	490.41	47.14
52	<input type="checkbox"/>	652	0.00	377.56	491.04	49.17
53	<input type="checkbox"/>	716	5,184.00	343.11	433.21	39.04
54	<input type="checkbox"/>	728	0.00	360.55	455.16	41.00
55	<input type="checkbox"/>	732	0.00	361.71	454.52	40.22
56	<input type="checkbox"/>	760	0.00	363.73	454.52	39.34
57	<input type="checkbox"/>	764	0.00	359.47	454.07	40.99
58	<input type="checkbox"/>	768	0.00	357.26	451.86	40.99

Phase 3 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	449.30	39.75
60	<input type="checkbox"/>	776	0.00	353.17	445.59	40.05
61	<input type="checkbox"/>	265	216.20	353.68	437.02	36.11
62	<input type="checkbox"/>	269	207.16	374.15	461.26	37.75
63	<input type="checkbox"/>	273	258.68	363.39	452.17	38.47
64	<input type="checkbox"/>	301	0.00	371.42	496.00	53.98
65	<input type="checkbox"/>	305	0.00	379.25	497.08	51.06
66	<input type="checkbox"/>	309	0.00	382.11	497.68	50.08
67	<input type="checkbox"/>	616	0.00	371.92	494.31	53.03
68	<input type="checkbox"/>	385	0.00	385.91	485.46	43.13
69	<input type="checkbox"/>	421	0.00	391.00	490.61	43.16
70	<input type="checkbox"/>	425	0.00	394.08	490.97	41.98
71	<input type="checkbox"/>	429	0.00	383.37	492.34	47.22
72	<input type="checkbox"/>	433	0.00	390.00	491.39	43.93
73	<input type="checkbox"/>	437	0.00	388.00	492.16	45.13
74	<input type="checkbox"/>	441	0.00	382.75	492.95	47.75
75	<input type="checkbox"/>	445	0.00	366.80	493.60	54.94
76	<input type="checkbox"/>	449	0.00	362.01	493.71	57.07
77	<input type="checkbox"/>	457	0.00	363.91	493.95	56.35
78	<input type="checkbox"/>	461	0.00	368.29	493.83	54.40
79	<input type="checkbox"/>	465	0.00	367.39	495.24	55.40
80	<input type="checkbox"/>	469	0.00	369.16	496.00	54.96
81	<input type="checkbox"/>	473	0.00	368.81	496.70	55.42
82	<input type="checkbox"/>	481	0.00	380.00	497.23	50.79
83	<input type="checkbox"/>	485	0.00	384.00	496.10	48.57
84	<input type="checkbox"/>	489	0.00	388.85	494.71	45.87
85	<input type="checkbox"/>	493	0.00	377.57	493.47	50.22
86	<input type="checkbox"/>	497	470.40	379.50	493.87	49.56
87	<input type="checkbox"/>	501	0.00	381.45	491.67	47.76

Phase 3 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	493.67	47.74
89	<input type="checkbox"/>	509	0.00	379.21	495.15	50.24
90	<input type="checkbox"/>	513	0.00	382.65	493.95	48.23
91	<input type="checkbox"/>	525	0.00	375.92	497.06	52.49
92	<input type="checkbox"/>	529	0.00	378.05	497.07	51.57
93	<input type="checkbox"/>	533	0.00	393.75	492.16	42.64
94	<input type="checkbox"/>	537	0.00	388.65	490.64	44.19
95	<input type="checkbox"/>	541	0.00	386.87	490.55	44.93
96	<input type="checkbox"/>	545	0.00	375.12	493.61	51.34
97	<input type="checkbox"/>	549	0.00	389.88	491.64	44.10
98	<input type="checkbox"/>	553	0.00	378.46	493.05	49.65
99	<input type="checkbox"/>	557	0.00	388.94	485.46	41.82
100	<input type="checkbox"/>	561	0.00	397.45	485.46	38.13
101	<input type="checkbox"/>	565	0.00	398.88	485.46	37.52
102	<input type="checkbox"/>	569	0.00	434.83	485.46	21.94
103	<input type="checkbox"/>	573	0.00	417.23	485.46	29.56
104	<input type="checkbox"/>	577	0.00	377.09	497.26	52.07
105	<input type="checkbox"/>	581	0.00	376.80	497.06	52.11
106	<input type="checkbox"/>	585	0.00	382.01	496.10	49.43
107	<input type="checkbox"/>	589	0.00	376.86	497.29	52.18
108	<input type="checkbox"/>	593	0.00	366.64	494.85	55.55
109	<input type="checkbox"/>	597	0.00	367.63	465.17	42.26
110	<input type="checkbox"/>	601	0.00	378.25	491.04	48.87
111	<input type="checkbox"/>	617	0.00	404.84	485.46	34.93
112	<input type="checkbox"/>	621	0.00	430.05	485.46	24.01
113	<input type="checkbox"/>	625	0.00	397.76	485.46	38.00
114	<input type="checkbox"/>	633	10.00	395.99	485.46	38.77
115	<input type="checkbox"/>	637	0.00	462.63	485.46	9.89
116	<input type="checkbox"/>	649	0.00	398.97	485.46	37.48

Phase 3 Junction Report for t = 10:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	485.46	38.08
118	<input type="checkbox"/>	661	0.00	372.83	486.39	49.21
119	<input type="checkbox"/>	665	10.00	404.88	543.65	60.13
120	<input type="checkbox"/>	677	0.00	408.63	543.65	58.50
121	<input type="checkbox"/>	681	0.00	410.53	543.65	57.68
122	<input type="checkbox"/>	693	0.00	424.36	543.65	51.69
123	<input type="checkbox"/>	697	0.00	425.95	543.65	51.00
124	<input type="checkbox"/>	701	0.00	420.33	543.65	53.43
125	<input type="checkbox"/>	705	0.00	418.20	543.65	54.36
126	<input type="checkbox"/>	709	0.00	415.88	543.65	55.36
127	<input type="checkbox"/>	713	0.00	414.27	543.65	56.06
128	<input type="checkbox"/>	717	0.00	413.98	543.65	56.18
129	<input type="checkbox"/>	741	0.00	420.07	543.65	53.54
130	<input type="checkbox"/>	753	0.00	407.86	543.65	58.83
131	<input type="checkbox"/>	757	0.00	416.30	543.65	55.18
132	<input type="checkbox"/>	761	0.00	421.52	543.65	52.92

Phase 3 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	494.86	54.58
2	<input type="checkbox"/>	112	0.00	374.62	493.78	51.63
3	<input type="checkbox"/>	116	0.00	378.08	492.76	49.69
4	<input type="checkbox"/>	120	0.00	385.56	491.69	45.98
5	<input type="checkbox"/>	124	0.00	387.85	490.58	44.51
6	<input type="checkbox"/>	128	0.00	390.02	489.47	43.09
7	<input type="checkbox"/>	132	0.00	383.45	488.26	45.41
8	<input type="checkbox"/>	136	0.00	377.67	487.02	47.38
9	<input type="checkbox"/>	144	0.00	382.00	485.75	44.96
10	<input type="checkbox"/>	148	0.00	384.90	485.59	43.63
11	<input type="checkbox"/>	152	575.40	387.06	485.48	42.65
12	<input type="checkbox"/>	156	574.40	387.15	485.46	42.60
13	<input type="checkbox"/>	160	0.00	385.30	485.46	43.40
14	<input type="checkbox"/>	168	0.00	392.25	485.46	40.39
15	<input type="checkbox"/>	176	0.00	377.66	482.84	45.57
16	<input type="checkbox"/>	188	0.00	371.85	476.37	45.29
17	<input type="checkbox"/>	196	0.00	372.77	472.71	43.30
18	<input type="checkbox"/>	204	0.00	368.10	468.51	43.51
19	<input type="checkbox"/>	216	0.00	367.60	465.17	42.27
20	<input type="checkbox"/>	220	0.00	362.39	462.55	43.40
21	<input type="checkbox"/>	232	0.00	361.59	459.25	42.32
22	<input type="checkbox"/>	236	0.00	360.09	456.82	41.91
23	<input type="checkbox"/>	240	0.00	358.49	455.89	42.21
24	<input type="checkbox"/>	244	0.00	358.05	455.89	42.40
25	<input type="checkbox"/>	272	216.20	351.43	438.12	37.56
26	<input type="checkbox"/>	276	0.00	349.80	439.79	38.99
27	<input type="checkbox"/>	280	0.00	346.15	435.46	38.70
28	<input type="checkbox"/>	288	0.00	375.46	465.55	39.04
29	<input type="checkbox"/>	328	0.00	397.27	485.46	38.21

Phase 3 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	485.46	36.37
31	<input type="checkbox"/>	336	0.00	407.21	485.46	33.90
32	<input type="checkbox"/>	340	0.00	406.47	485.46	34.22
33	<input type="checkbox"/>	344	0.00	404.87	485.46	34.92
34	<input type="checkbox"/>	388	0.00	376.45	492.74	50.39
35	<input type="checkbox"/>	392	0.00	377.15	492.55	50.00
36	<input type="checkbox"/>	396	0.00	378.22	492.38	49.46
37	<input type="checkbox"/>	400	0.00	381.65	492.13	47.87
38	<input type="checkbox"/>	404	0.00	379.03	492.13	49.00
39	<input type="checkbox"/>	472	0.00	352.64	443.13	39.21
40	<input type="checkbox"/>	476	0.00	350.72	443.13	40.04
41	<input type="checkbox"/>	480	0.00	351.63	441.88	39.11
42	<input type="checkbox"/>	528	0.00	361.17	458.71	42.26
43	<input type="checkbox"/>	536	0.00	382.20	485.69	44.84
44	<input type="checkbox"/>	560	0.00	382.50	485.69	44.71
45	<input type="checkbox"/>	592	0.00	382.88	481.06	42.54
46	<input type="checkbox"/>	596	0.00	387.55	485.46	42.42
47	<input type="checkbox"/>	628	207.16	373.74	461.96	38.22
48	<input type="checkbox"/>	636	258.68	360.96	455.49	40.96
49	<input type="checkbox"/>	640	0.00	373.91	479.10	45.58
50	<input type="checkbox"/>	644	0.00	362.08	457.26	41.24
51	<input type="checkbox"/>	648	0.00	381.62	490.41	47.14
52	<input type="checkbox"/>	652	0.00	377.56	491.04	49.17
53	<input type="checkbox"/>	716	5,184.00	343.11	433.21	39.04
54	<input type="checkbox"/>	728	0.00	360.55	455.16	41.00
55	<input type="checkbox"/>	732	0.00	361.71	454.52	40.22
56	<input type="checkbox"/>	760	0.00	363.73	454.52	39.34
57	<input type="checkbox"/>	764	0.00	359.47	454.07	40.99
58	<input type="checkbox"/>	768	0.00	357.26	451.86	40.99

Phase 3 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	449.30	39.75
60	<input type="checkbox"/>	776	0.00	353.17	445.59	40.05
61	<input type="checkbox"/>	265	216.20	353.68	437.02	36.11
62	<input type="checkbox"/>	269	207.16	374.15	461.26	37.75
63	<input type="checkbox"/>	273	258.68	363.39	452.17	38.47
64	<input type="checkbox"/>	301	0.00	371.42	496.00	53.98
65	<input type="checkbox"/>	305	0.00	379.25	497.08	51.06
66	<input type="checkbox"/>	309	0.00	382.11	497.68	50.08
67	<input type="checkbox"/>	616	0.00	371.92	494.31	53.03
68	<input type="checkbox"/>	385	0.00	385.91	485.46	43.13
69	<input type="checkbox"/>	421	0.00	391.00	490.61	43.16
70	<input type="checkbox"/>	425	0.00	394.08	490.97	41.98
71	<input type="checkbox"/>	429	0.00	383.37	492.34	47.22
72	<input type="checkbox"/>	433	0.00	390.00	491.39	43.93
73	<input type="checkbox"/>	437	0.00	388.00	492.16	45.13
74	<input type="checkbox"/>	441	0.00	382.75	492.95	47.75
75	<input type="checkbox"/>	445	0.00	366.80	493.60	54.94
76	<input type="checkbox"/>	449	0.00	362.01	493.71	57.07
77	<input type="checkbox"/>	457	0.00	363.91	493.95	56.35
78	<input type="checkbox"/>	461	0.00	368.29	493.83	54.40
79	<input type="checkbox"/>	465	0.00	367.39	495.24	55.40
80	<input type="checkbox"/>	469	0.00	369.16	496.00	54.96
81	<input type="checkbox"/>	473	0.00	368.81	496.70	55.42
82	<input type="checkbox"/>	481	0.00	380.00	497.23	50.79
83	<input type="checkbox"/>	485	0.00	384.00	496.10	48.57
84	<input type="checkbox"/>	489	0.00	388.85	494.71	45.87
85	<input type="checkbox"/>	493	0.00	377.57	493.47	50.22
86	<input type="checkbox"/>	497	470.40	379.50	493.87	49.56
87	<input type="checkbox"/>	501	0.00	381.45	491.67	47.76

Phase 3 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	493.67	47.74
89	<input type="checkbox"/>	509	0.00	379.21	495.15	50.24
90	<input type="checkbox"/>	513	0.00	382.65	493.95	48.23
91	<input type="checkbox"/>	525	0.00	375.92	497.06	52.49
92	<input type="checkbox"/>	529	0.00	378.05	497.07	51.57
93	<input type="checkbox"/>	533	0.00	393.75	492.16	42.64
94	<input type="checkbox"/>	537	0.00	388.65	490.64	44.19
95	<input type="checkbox"/>	541	0.00	386.87	490.55	44.93
96	<input type="checkbox"/>	545	0.00	375.12	493.61	51.34
97	<input type="checkbox"/>	549	0.00	389.88	491.64	44.10
98	<input type="checkbox"/>	553	0.00	378.46	493.05	49.65
99	<input type="checkbox"/>	557	0.00	388.94	485.46	41.82
100	<input type="checkbox"/>	561	0.00	397.45	485.46	38.13
101	<input type="checkbox"/>	565	0.00	398.88	485.46	37.52
102	<input type="checkbox"/>	569	0.00	434.83	485.46	21.94
103	<input type="checkbox"/>	573	0.00	417.23	485.46	29.56
104	<input type="checkbox"/>	577	0.00	377.09	497.26	52.07
105	<input type="checkbox"/>	581	0.00	376.80	497.06	52.11
106	<input type="checkbox"/>	585	0.00	382.01	496.10	49.43
107	<input type="checkbox"/>	589	0.00	376.86	497.29	52.18
108	<input type="checkbox"/>	593	0.00	366.64	494.85	55.55
109	<input type="checkbox"/>	597	0.00	367.63	465.17	42.26
110	<input type="checkbox"/>	601	0.00	378.25	491.04	48.87
111	<input type="checkbox"/>	617	0.00	404.84	485.46	34.93
112	<input type="checkbox"/>	621	0.00	430.05	485.46	24.01
113	<input type="checkbox"/>	625	0.00	397.76	485.46	38.00
114	<input type="checkbox"/>	633	10.00	395.99	485.46	38.77
115	<input type="checkbox"/>	637	0.00	462.63	485.46	9.89
116	<input type="checkbox"/>	649	0.00	398.97	485.46	37.48

Phase 3 Junction Report for t = 11:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	485.46	38.08
118	<input type="checkbox"/>	661	0.00	372.83	486.39	49.21
119	<input type="checkbox"/>	665	10.00	404.88	543.65	60.13
120	<input type="checkbox"/>	677	0.00	408.63	543.65	58.50
121	<input type="checkbox"/>	681	0.00	410.53	543.65	57.68
122	<input type="checkbox"/>	693	0.00	424.36	543.65	51.69
123	<input type="checkbox"/>	697	0.00	425.95	543.65	51.00
124	<input type="checkbox"/>	701	0.00	420.33	543.65	53.43
125	<input type="checkbox"/>	705	0.00	418.20	543.65	54.36
126	<input type="checkbox"/>	709	0.00	415.88	543.65	55.36
127	<input type="checkbox"/>	713	0.00	414.27	543.65	56.06
128	<input type="checkbox"/>	717	0.00	413.98	543.65	56.18
129	<input type="checkbox"/>	741	0.00	420.07	543.65	53.54
130	<input type="checkbox"/>	753	0.00	407.86	543.65	58.83
131	<input type="checkbox"/>	757	0.00	416.30	543.65	55.18
132	<input type="checkbox"/>	761	0.00	421.52	543.65	52.92

Phase 3 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	494.86	54.58
2	<input type="checkbox"/>	112	0.00	374.62	493.78	51.63
3	<input type="checkbox"/>	116	0.00	378.08	492.76	49.69
4	<input type="checkbox"/>	120	0.00	385.56	491.69	45.98
5	<input type="checkbox"/>	124	0.00	387.85	490.58	44.51
6	<input type="checkbox"/>	128	0.00	390.02	489.47	43.09
7	<input type="checkbox"/>	132	0.00	383.45	488.26	45.41
8	<input type="checkbox"/>	136	0.00	377.67	487.02	47.38
9	<input type="checkbox"/>	144	0.00	382.00	485.75	44.96
10	<input type="checkbox"/>	148	0.00	384.90	485.59	43.63
11	<input type="checkbox"/>	152	575.40	387.06	485.48	42.65
12	<input type="checkbox"/>	156	574.40	387.15	485.46	42.60
13	<input type="checkbox"/>	160	0.00	385.30	485.46	43.40
14	<input type="checkbox"/>	168	0.00	392.25	485.46	40.39
15	<input type="checkbox"/>	176	0.00	377.66	482.84	45.57
16	<input type="checkbox"/>	188	0.00	371.85	476.37	45.29
17	<input type="checkbox"/>	196	0.00	372.77	472.71	43.30
18	<input type="checkbox"/>	204	0.00	368.10	468.51	43.51
19	<input type="checkbox"/>	216	0.00	367.60	465.17	42.27
20	<input type="checkbox"/>	220	0.00	362.39	462.55	43.40
21	<input type="checkbox"/>	232	0.00	361.59	459.25	42.32
22	<input type="checkbox"/>	236	0.00	360.09	456.82	41.91
23	<input type="checkbox"/>	240	0.00	358.49	455.89	42.21
24	<input type="checkbox"/>	244	0.00	358.05	455.89	42.40
25	<input type="checkbox"/>	272	216.20	351.43	438.12	37.57
26	<input type="checkbox"/>	276	0.00	349.80	439.79	38.99
27	<input type="checkbox"/>	280	0.00	346.15	435.46	38.70
28	<input type="checkbox"/>	288	0.00	375.46	465.55	39.04
29	<input type="checkbox"/>	328	0.00	397.27	485.46	38.21

Phase 3 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	485.46	36.37
31	<input type="checkbox"/>	336	0.00	407.21	485.46	33.90
32	<input type="checkbox"/>	340	0.00	406.47	485.46	34.22
33	<input type="checkbox"/>	344	0.00	404.87	485.46	34.92
34	<input type="checkbox"/>	388	0.00	376.45	492.74	50.39
35	<input type="checkbox"/>	392	0.00	377.15	492.55	50.00
36	<input type="checkbox"/>	396	0.00	378.22	492.38	49.46
37	<input type="checkbox"/>	400	0.00	381.65	492.13	47.87
38	<input type="checkbox"/>	404	0.00	379.03	492.13	49.00
39	<input type="checkbox"/>	472	0.00	352.64	443.13	39.21
40	<input type="checkbox"/>	476	0.00	350.72	443.13	40.04
41	<input type="checkbox"/>	480	0.00	351.63	441.88	39.11
42	<input type="checkbox"/>	528	0.00	361.17	458.71	42.26
43	<input type="checkbox"/>	536	0.00	382.20	485.69	44.84
44	<input type="checkbox"/>	560	0.00	382.50	485.69	44.71
45	<input type="checkbox"/>	592	0.00	382.88	481.06	42.54
46	<input type="checkbox"/>	596	0.00	387.55	485.46	42.42
47	<input type="checkbox"/>	628	207.16	373.74	461.96	38.22
48	<input type="checkbox"/>	636	258.68	360.96	455.49	40.96
49	<input type="checkbox"/>	640	0.00	373.91	479.10	45.58
50	<input type="checkbox"/>	644	0.00	362.08	457.26	41.24
51	<input type="checkbox"/>	648	0.00	381.62	490.41	47.14
52	<input type="checkbox"/>	652	0.00	377.56	491.04	49.17
53	<input type="checkbox"/>	716	5,184.00	343.11	433.21	39.04
54	<input type="checkbox"/>	728	0.00	360.55	455.16	41.00
55	<input type="checkbox"/>	732	0.00	361.71	454.52	40.22
56	<input type="checkbox"/>	760	0.00	363.73	454.52	39.34
57	<input type="checkbox"/>	764	0.00	359.47	454.07	40.99
58	<input type="checkbox"/>	768	0.00	357.26	451.86	40.99

Phase 3 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	449.30	39.75
60	<input type="checkbox"/>	776	0.00	353.17	445.59	40.05
61	<input type="checkbox"/>	265	216.20	353.68	437.02	36.11
62	<input type="checkbox"/>	269	207.16	374.15	461.26	37.75
63	<input type="checkbox"/>	273	258.68	363.39	452.17	38.47
64	<input type="checkbox"/>	301	0.00	371.42	496.00	53.98
65	<input type="checkbox"/>	305	0.00	379.25	497.08	51.06
66	<input type="checkbox"/>	309	0.00	382.11	497.68	50.08
67	<input type="checkbox"/>	616	0.00	371.92	494.31	53.03
68	<input type="checkbox"/>	385	0.00	385.91	485.46	43.13
69	<input type="checkbox"/>	421	0.00	391.00	490.61	43.16
70	<input type="checkbox"/>	425	0.00	394.08	490.97	41.98
71	<input type="checkbox"/>	429	0.00	383.37	492.34	47.22
72	<input type="checkbox"/>	433	0.00	390.00	491.39	43.93
73	<input type="checkbox"/>	437	0.00	388.00	492.16	45.13
74	<input type="checkbox"/>	441	0.00	382.75	492.95	47.75
75	<input type="checkbox"/>	445	0.00	366.80	493.60	54.94
76	<input type="checkbox"/>	449	0.00	362.01	493.71	57.07
77	<input type="checkbox"/>	457	0.00	363.91	493.95	56.35
78	<input type="checkbox"/>	461	0.00	368.29	493.83	54.40
79	<input type="checkbox"/>	465	0.00	367.39	495.24	55.40
80	<input type="checkbox"/>	469	0.00	369.16	496.00	54.96
81	<input type="checkbox"/>	473	0.00	368.81	496.70	55.42
82	<input type="checkbox"/>	481	0.00	380.00	497.23	50.79
83	<input type="checkbox"/>	485	0.00	384.00	496.10	48.57
84	<input type="checkbox"/>	489	0.00	388.85	494.71	45.87
85	<input type="checkbox"/>	493	0.00	377.57	493.47	50.22
86	<input type="checkbox"/>	497	470.40	379.50	493.87	49.56
87	<input type="checkbox"/>	501	0.00	381.45	491.67	47.76

Phase 3 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	493.67	47.74
89	<input type="checkbox"/>	509	0.00	379.21	495.15	50.24
90	<input type="checkbox"/>	513	0.00	382.65	493.95	48.23
91	<input type="checkbox"/>	525	0.00	375.92	497.06	52.49
92	<input type="checkbox"/>	529	0.00	378.05	497.07	51.57
93	<input type="checkbox"/>	533	0.00	393.75	492.16	42.64
94	<input type="checkbox"/>	537	0.00	388.65	490.64	44.19
95	<input type="checkbox"/>	541	0.00	386.87	490.55	44.93
96	<input type="checkbox"/>	545	0.00	375.12	493.61	51.34
97	<input type="checkbox"/>	549	0.00	389.88	491.64	44.10
98	<input type="checkbox"/>	553	0.00	378.46	493.05	49.65
99	<input type="checkbox"/>	557	0.00	388.94	485.46	41.82
100	<input type="checkbox"/>	561	0.00	397.45	485.46	38.13
101	<input type="checkbox"/>	565	0.00	398.88	485.46	37.52
102	<input type="checkbox"/>	569	0.00	434.83	485.46	21.94
103	<input type="checkbox"/>	573	0.00	417.23	485.46	29.56
104	<input type="checkbox"/>	577	0.00	377.09	497.26	52.07
105	<input type="checkbox"/>	581	0.00	376.80	497.06	52.11
106	<input type="checkbox"/>	585	0.00	382.01	496.10	49.43
107	<input type="checkbox"/>	589	0.00	376.86	497.29	52.18
108	<input type="checkbox"/>	593	0.00	366.64	494.85	55.55
109	<input type="checkbox"/>	597	0.00	367.63	465.17	42.26
110	<input type="checkbox"/>	601	0.00	378.25	491.04	48.87
111	<input type="checkbox"/>	617	0.00	404.84	485.46	34.93
112	<input type="checkbox"/>	621	0.00	430.05	485.46	24.01
113	<input type="checkbox"/>	625	0.00	397.76	485.46	38.00
114	<input type="checkbox"/>	633	10.00	395.99	485.46	38.77
115	<input type="checkbox"/>	637	0.00	462.63	485.46	9.89
116	<input type="checkbox"/>	649	0.00	398.97	485.46	37.48

Phase 3 Junction Report for t = 12:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	485.46	38.08
118	<input type="checkbox"/>	661	0.00	372.83	486.39	49.21
119	<input type="checkbox"/>	665	10.00	404.88	543.65	60.13
120	<input type="checkbox"/>	677	0.00	408.63	543.65	58.50
121	<input type="checkbox"/>	681	0.00	410.53	543.65	57.68
122	<input type="checkbox"/>	693	0.00	424.36	543.65	51.69
123	<input type="checkbox"/>	697	0.00	425.95	543.65	51.00
124	<input type="checkbox"/>	701	0.00	420.33	543.65	53.43
125	<input type="checkbox"/>	705	0.00	418.20	543.65	54.36
126	<input type="checkbox"/>	709	0.00	415.88	543.65	55.36
127	<input type="checkbox"/>	713	0.00	414.27	543.65	56.06
128	<input type="checkbox"/>	717	0.00	413.98	543.65	56.18
129	<input type="checkbox"/>	741	0.00	420.07	543.65	53.54
130	<input type="checkbox"/>	753	0.00	407.86	543.65	58.83
131	<input type="checkbox"/>	757	0.00	416.30	543.65	55.18
132	<input type="checkbox"/>	761	0.00	421.52	543.65	52.92

Phase 3 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	496.14	55.13
2	<input type="checkbox"/>	112	0.00	374.62	495.61	52.42
3	<input type="checkbox"/>	116	0.00	378.08	495.11	50.71
4	<input type="checkbox"/>	120	0.00	385.56	494.59	47.24
5	<input type="checkbox"/>	124	0.00	387.85	494.05	46.02
6	<input type="checkbox"/>	128	0.00	390.02	493.51	44.84
7	<input type="checkbox"/>	132	0.00	383.45	492.93	47.44
8	<input type="checkbox"/>	136	0.00	377.67	492.33	49.68
9	<input type="checkbox"/>	144	0.00	382.00	491.72	47.55
10	<input type="checkbox"/>	148	0.00	384.90	491.72	46.28
11	<input type="checkbox"/>	152	0.00	387.06	491.72	45.35
12	<input type="checkbox"/>	156	0.00	387.15	491.72	45.31
13	<input type="checkbox"/>	160	0.00	385.30	491.72	46.11
14	<input type="checkbox"/>	168	0.00	392.25	491.72	43.10
15	<input type="checkbox"/>	176	0.00	377.66	489.59	48.50
16	<input type="checkbox"/>	188	0.00	371.85	484.85	48.96
17	<input type="checkbox"/>	196	0.00	372.77	482.17	47.40
18	<input type="checkbox"/>	204	0.00	368.10	479.10	48.09
19	<input type="checkbox"/>	216	0.00	367.60	476.65	47.25
20	<input type="checkbox"/>	220	0.00	362.39	474.73	48.68
21	<input type="checkbox"/>	232	0.00	361.59	472.32	47.98
22	<input type="checkbox"/>	236	0.00	360.09	470.22	47.72
23	<input type="checkbox"/>	240	0.00	358.49	469.42	48.07
24	<input type="checkbox"/>	244	0.00	358.05	469.42	48.26
25	<input type="checkbox"/>	272	0.00	351.43	457.34	45.89
26	<input type="checkbox"/>	276	0.00	349.80	455.25	45.69
27	<input type="checkbox"/>	280	0.00	346.15	450.91	45.40
28	<input type="checkbox"/>	288	0.00	375.46	491.72	50.38
29	<input type="checkbox"/>	328	0.00	397.27	491.72	40.93

Phase 3 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	491.72	39.09
31	<input type="checkbox"/>	336	0.00	407.21	491.72	36.62
32	<input type="checkbox"/>	340	0.00	406.47	491.72	36.94
33	<input type="checkbox"/>	344	0.00	404.87	491.72	37.63
34	<input type="checkbox"/>	388	0.00	376.45	495.10	51.41
35	<input type="checkbox"/>	392	0.00	377.15	495.01	51.07
36	<input type="checkbox"/>	396	0.00	378.22	494.93	50.57
37	<input type="checkbox"/>	400	0.00	381.65	494.81	49.03
38	<input type="checkbox"/>	404	0.00	379.03	494.81	50.16
39	<input type="checkbox"/>	472	0.00	352.64	458.42	45.83
40	<input type="checkbox"/>	476	0.00	350.72	458.42	46.67
41	<input type="checkbox"/>	480	0.00	351.63	457.34	45.81
42	<input type="checkbox"/>	528	0.00	361.17	471.85	47.96
43	<input type="checkbox"/>	536	0.00	382.20	491.72	47.46
44	<input type="checkbox"/>	560	0.00	382.50	491.72	47.33
45	<input type="checkbox"/>	592	0.00	382.88	491.72	47.16
46	<input type="checkbox"/>	596	0.00	387.55	491.72	45.14
47	<input type="checkbox"/>	628	0.00	373.74	491.72	51.12
48	<input type="checkbox"/>	636	0.00	360.96	472.32	48.25
49	<input type="checkbox"/>	640	0.00	373.91	486.85	48.94
50	<input type="checkbox"/>	644	0.00	362.08	472.32	47.77
51	<input type="checkbox"/>	648	0.00	381.62	493.97	48.68
52	<input type="checkbox"/>	652	0.00	377.56	494.28	50.57
53	<input type="checkbox"/>	716	5,184.00	343.11	448.67	45.74
54	<input type="checkbox"/>	728	0.00	360.55	472.32	48.43
55	<input type="checkbox"/>	732	0.00	361.71	472.32	47.92
56	<input type="checkbox"/>	760	0.00	363.73	472.32	47.05
57	<input type="checkbox"/>	764	0.00	359.47	467.85	46.96
58	<input type="checkbox"/>	768	0.00	357.26	465.94	47.09

Phase 3 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	463.74	46.00
60	<input type="checkbox"/>	776	0.00	353.17	460.54	46.52
61	<input type="checkbox"/>	265	0.00	353.68	457.34	44.92
62	<input type="checkbox"/>	269	0.00	374.15	491.72	50.94
63	<input type="checkbox"/>	273	0.00	363.39	472.32	47.20
64	<input type="checkbox"/>	301	0.00	371.42	496.71	54.29
65	<input type="checkbox"/>	305	0.00	379.25	497.25	51.13
66	<input type="checkbox"/>	309	0.00	382.11	497.55	50.02
67	<input type="checkbox"/>	616	0.00	371.92	495.87	53.71
68	<input type="checkbox"/>	385	0.00	385.91	491.72	45.85
69	<input type="checkbox"/>	421	0.00	391.00	494.01	44.63
70	<input type="checkbox"/>	425	0.00	394.08	494.20	43.38
71	<input type="checkbox"/>	429	0.00	383.37	494.82	48.29
72	<input type="checkbox"/>	433	0.00	390.00	494.32	45.20
73	<input type="checkbox"/>	437	0.00	388.00	494.64	46.21
74	<input type="checkbox"/>	441	0.00	382.75	494.95	48.62
75	<input type="checkbox"/>	445	0.00	366.80	495.52	55.78
76	<input type="checkbox"/>	449	0.00	362.01	495.58	57.88
77	<input type="checkbox"/>	457	0.00	363.91	495.70	57.10
78	<input type="checkbox"/>	461	0.00	368.29	495.64	55.18
79	<input type="checkbox"/>	465	0.00	367.39	496.34	55.87
80	<input type="checkbox"/>	469	0.00	369.16	496.71	55.27
81	<input type="checkbox"/>	473	0.00	368.81	497.06	55.57
82	<input type="checkbox"/>	481	0.00	380.00	497.29	50.82
83	<input type="checkbox"/>	485	0.00	384.00	496.59	48.78
84	<input type="checkbox"/>	489	0.00	388.85	495.77	46.33
85	<input type="checkbox"/>	493	0.00	377.57	495.14	50.94
86	<input type="checkbox"/>	497	470.40	379.50	495.20	50.13
87	<input type="checkbox"/>	501	0.00	381.45	494.58	49.02

Phase 3 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	495.22	48.41
89	<input type="checkbox"/>	509	0.00	379.21	496.00	50.61
90	<input type="checkbox"/>	513	0.00	382.65	495.33	48.82
91	<input type="checkbox"/>	525	0.00	375.92	497.24	52.56
92	<input type="checkbox"/>	529	0.00	378.05	497.24	51.64
93	<input type="checkbox"/>	533	0.00	393.75	494.64	43.71
94	<input type="checkbox"/>	537	0.00	388.65	494.08	45.68
95	<input type="checkbox"/>	541	0.00	386.87	494.04	46.44
96	<input type="checkbox"/>	545	0.00	375.12	495.35	52.09
97	<input type="checkbox"/>	549	0.00	389.88	494.50	45.34
98	<input type="checkbox"/>	553	0.00	378.46	495.21	50.59
99	<input type="checkbox"/>	557	0.00	388.94	491.72	44.53
100	<input type="checkbox"/>	561	0.00	397.45	491.72	40.85
101	<input type="checkbox"/>	565	0.00	398.88	491.72	40.23
102	<input type="checkbox"/>	569	0.00	434.83	491.72	24.65
103	<input type="checkbox"/>	573	0.00	417.23	491.72	32.28
104	<input type="checkbox"/>	577	0.00	377.09	497.31	52.09
105	<input type="checkbox"/>	581	0.00	376.80	497.23	52.18
106	<input type="checkbox"/>	585	0.00	382.01	496.59	49.64
107	<input type="checkbox"/>	589	0.00	376.86	497.34	52.20
108	<input type="checkbox"/>	593	0.00	366.64	496.14	56.11
109	<input type="checkbox"/>	597	0.00	367.63	476.65	47.24
110	<input type="checkbox"/>	601	0.00	378.25	494.28	50.27
111	<input type="checkbox"/>	617	0.00	404.84	491.72	37.65
112	<input type="checkbox"/>	621	0.00	430.05	491.72	26.72
113	<input type="checkbox"/>	625	0.00	397.76	491.72	40.71
114	<input type="checkbox"/>	633	10.00	395.99	491.72	41.48
115	<input type="checkbox"/>	637	0.00	462.63	491.72	12.61
116	<input type="checkbox"/>	649	0.00	398.97	491.72	40.19

Phase 3 Junction Report for t = 13:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	491.72	40.79
118	<input type="checkbox"/>	661	0.00	372.83	492.03	51.65
119	<input type="checkbox"/>	665	10.00	404.88	543.44	60.04
120	<input type="checkbox"/>	677	0.00	408.63	543.44	58.41
121	<input type="checkbox"/>	681	0.00	410.53	543.44	57.59
122	<input type="checkbox"/>	693	0.00	424.36	543.44	51.60
123	<input type="checkbox"/>	697	0.00	425.95	543.44	50.91
124	<input type="checkbox"/>	701	0.00	420.33	543.44	53.35
125	<input type="checkbox"/>	705	0.00	418.20	543.44	54.27
126	<input type="checkbox"/>	709	0.00	415.88	543.44	55.27
127	<input type="checkbox"/>	713	0.00	414.27	543.44	55.97
128	<input type="checkbox"/>	717	0.00	413.98	543.44	56.10
129	<input type="checkbox"/>	741	0.00	420.07	543.44	53.46
130	<input type="checkbox"/>	753	0.00	407.86	543.44	58.75
131	<input type="checkbox"/>	757	0.00	416.30	543.44	55.09
132	<input type="checkbox"/>	761	0.00	421.52	543.44	52.83

Phase 3 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	496.14	55.13
2	<input type="checkbox"/>	112	0.00	374.62	495.61	52.42
3	<input type="checkbox"/>	116	0.00	378.08	495.11	50.71
4	<input type="checkbox"/>	120	0.00	385.56	494.59	47.24
5	<input type="checkbox"/>	124	0.00	387.85	494.05	46.02
6	<input type="checkbox"/>	128	0.00	390.02	493.51	44.84
7	<input type="checkbox"/>	132	0.00	383.45	492.93	47.44
8	<input type="checkbox"/>	136	0.00	377.67	492.33	49.68
9	<input type="checkbox"/>	144	0.00	382.00	491.72	47.55
10	<input type="checkbox"/>	148	0.00	384.90	491.72	46.28
11	<input type="checkbox"/>	152	0.00	387.06	491.72	45.35
12	<input type="checkbox"/>	156	0.00	387.15	491.72	45.31
13	<input type="checkbox"/>	160	0.00	385.30	491.72	46.11
14	<input type="checkbox"/>	168	0.00	392.25	491.72	43.10
15	<input type="checkbox"/>	176	0.00	377.66	489.59	48.50
16	<input type="checkbox"/>	188	0.00	371.85	484.85	48.96
17	<input type="checkbox"/>	196	0.00	372.77	482.17	47.40
18	<input type="checkbox"/>	204	0.00	368.10	479.10	48.09
19	<input type="checkbox"/>	216	0.00	367.60	476.65	47.25
20	<input type="checkbox"/>	220	0.00	362.39	474.73	48.68
21	<input type="checkbox"/>	232	0.00	361.59	472.32	47.98
22	<input type="checkbox"/>	236	0.00	360.09	470.22	47.72
23	<input type="checkbox"/>	240	0.00	358.49	469.42	48.07
24	<input type="checkbox"/>	244	0.00	358.05	469.42	48.26
25	<input type="checkbox"/>	272	0.00	351.43	457.34	45.89
26	<input type="checkbox"/>	276	0.00	349.80	455.25	45.69
27	<input type="checkbox"/>	280	0.00	346.15	450.92	45.40
28	<input type="checkbox"/>	288	0.00	375.46	491.72	50.38
29	<input type="checkbox"/>	328	0.00	397.27	491.72	40.93

Phase 3 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	491.72	39.09
31	<input type="checkbox"/>	336	0.00	407.21	491.72	36.62
32	<input type="checkbox"/>	340	0.00	406.47	491.72	36.94
33	<input type="checkbox"/>	344	0.00	404.87	491.72	37.63
34	<input type="checkbox"/>	388	0.00	376.45	495.10	51.41
35	<input type="checkbox"/>	392	0.00	377.15	495.01	51.07
36	<input type="checkbox"/>	396	0.00	378.22	494.93	50.57
37	<input type="checkbox"/>	400	0.00	381.65	494.81	49.03
38	<input type="checkbox"/>	404	0.00	379.03	494.81	50.16
39	<input type="checkbox"/>	472	0.00	352.64	458.42	45.83
40	<input type="checkbox"/>	476	0.00	350.72	458.42	46.67
41	<input type="checkbox"/>	480	0.00	351.63	457.34	45.81
42	<input type="checkbox"/>	528	0.00	361.17	471.85	47.96
43	<input type="checkbox"/>	536	0.00	382.20	491.72	47.46
44	<input type="checkbox"/>	560	0.00	382.50	491.72	47.33
45	<input type="checkbox"/>	592	0.00	382.88	491.72	47.16
46	<input type="checkbox"/>	596	0.00	387.55	491.72	45.14
47	<input type="checkbox"/>	628	0.00	373.74	491.72	51.12
48	<input type="checkbox"/>	636	0.00	360.96	472.32	48.25
49	<input type="checkbox"/>	640	0.00	373.91	486.86	48.94
50	<input type="checkbox"/>	644	0.00	362.08	472.32	47.77
51	<input type="checkbox"/>	648	0.00	381.62	493.97	48.68
52	<input type="checkbox"/>	652	0.00	377.56	494.28	50.57
53	<input type="checkbox"/>	716	5,184.00	343.11	448.67	45.74
54	<input type="checkbox"/>	728	0.00	360.55	472.32	48.43
55	<input type="checkbox"/>	732	0.00	361.71	472.32	47.93
56	<input type="checkbox"/>	760	0.00	363.73	472.32	47.05
57	<input type="checkbox"/>	764	0.00	359.47	467.85	46.96
58	<input type="checkbox"/>	768	0.00	357.26	465.94	47.09

Phase 3 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	463.74	46.00
60	<input type="checkbox"/>	776	0.00	353.17	460.54	46.52
61	<input type="checkbox"/>	265	0.00	353.68	457.34	44.92
62	<input type="checkbox"/>	269	0.00	374.15	491.72	50.94
63	<input type="checkbox"/>	273	0.00	363.39	472.32	47.20
64	<input type="checkbox"/>	301	0.00	371.42	496.71	54.29
65	<input type="checkbox"/>	305	0.00	379.25	497.25	51.13
66	<input type="checkbox"/>	309	0.00	382.11	497.55	50.02
67	<input type="checkbox"/>	616	0.00	371.92	495.87	53.71
68	<input type="checkbox"/>	385	0.00	385.91	491.72	45.85
69	<input type="checkbox"/>	421	0.00	391.00	494.01	44.63
70	<input type="checkbox"/>	425	0.00	394.08	494.20	43.38
71	<input type="checkbox"/>	429	0.00	383.37	494.82	48.29
72	<input type="checkbox"/>	433	0.00	390.00	494.32	45.20
73	<input type="checkbox"/>	437	0.00	388.00	494.64	46.21
74	<input type="checkbox"/>	441	0.00	382.75	494.95	48.62
75	<input type="checkbox"/>	445	0.00	366.80	495.53	55.78
76	<input type="checkbox"/>	449	0.00	362.01	495.58	57.88
77	<input type="checkbox"/>	457	0.00	363.91	495.70	57.10
78	<input type="checkbox"/>	461	0.00	368.29	495.64	55.18
79	<input type="checkbox"/>	465	0.00	367.39	496.34	55.87
80	<input type="checkbox"/>	469	0.00	369.16	496.71	55.27
81	<input type="checkbox"/>	473	0.00	368.81	497.06	55.57
82	<input type="checkbox"/>	481	0.00	380.00	497.29	50.82
83	<input type="checkbox"/>	485	0.00	384.00	496.59	48.79
84	<input type="checkbox"/>	489	0.00	388.85	495.77	46.33
85	<input type="checkbox"/>	493	0.00	377.57	495.14	50.94
86	<input type="checkbox"/>	497	470.40	379.50	495.20	50.13
87	<input type="checkbox"/>	501	0.00	381.45	494.58	49.02

Phase 3 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	495.22	48.42
89	<input type="checkbox"/>	509	0.00	379.21	496.00	50.61
90	<input type="checkbox"/>	513	0.00	382.65	495.33	48.82
91	<input type="checkbox"/>	525	0.00	375.92	497.24	52.56
92	<input type="checkbox"/>	529	0.00	378.05	497.24	51.64
93	<input type="checkbox"/>	533	0.00	393.75	494.64	43.71
94	<input type="checkbox"/>	537	0.00	388.65	494.08	45.68
95	<input type="checkbox"/>	541	0.00	386.87	494.04	46.44
96	<input type="checkbox"/>	545	0.00	375.12	495.35	52.09
97	<input type="checkbox"/>	549	0.00	389.88	494.50	45.34
98	<input type="checkbox"/>	553	0.00	378.46	495.21	50.59
99	<input type="checkbox"/>	557	0.00	388.94	491.72	44.53
100	<input type="checkbox"/>	561	0.00	397.45	491.72	40.85
101	<input type="checkbox"/>	565	0.00	398.88	491.72	40.23
102	<input type="checkbox"/>	569	0.00	434.83	491.72	24.65
103	<input type="checkbox"/>	573	0.00	417.23	491.72	32.28
104	<input type="checkbox"/>	577	0.00	377.09	497.31	52.09
105	<input type="checkbox"/>	581	0.00	376.80	497.23	52.18
106	<input type="checkbox"/>	585	0.00	382.01	496.59	49.64
107	<input type="checkbox"/>	589	0.00	376.86	497.34	52.20
108	<input type="checkbox"/>	593	0.00	366.64	496.14	56.11
109	<input type="checkbox"/>	597	0.00	367.63	476.65	47.24
110	<input type="checkbox"/>	601	0.00	378.25	494.28	50.27
111	<input type="checkbox"/>	617	0.00	404.84	491.72	37.65
112	<input type="checkbox"/>	621	0.00	430.05	491.72	26.72
113	<input type="checkbox"/>	625	0.00	397.76	491.72	40.71
114	<input type="checkbox"/>	633	10.00	395.99	491.72	41.48
115	<input type="checkbox"/>	637	0.00	462.63	491.72	12.61
116	<input type="checkbox"/>	649	0.00	398.97	491.72	40.19

Phase 3 Junction Report for t = 14:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	491.72	40.79
118	<input type="checkbox"/>	661	0.00	372.83	492.03	51.65
119	<input type="checkbox"/>	665	10.00	404.88	543.45	60.04
120	<input type="checkbox"/>	677	0.00	408.63	543.45	58.41
121	<input type="checkbox"/>	681	0.00	410.53	543.45	57.59
122	<input type="checkbox"/>	693	0.00	424.36	543.45	51.60
123	<input type="checkbox"/>	697	0.00	425.95	543.45	50.91
124	<input type="checkbox"/>	701	0.00	420.33	543.45	53.35
125	<input type="checkbox"/>	705	0.00	418.20	543.45	54.27
126	<input type="checkbox"/>	709	0.00	415.88	543.45	55.27
127	<input type="checkbox"/>	713	0.00	414.27	543.45	55.97
128	<input type="checkbox"/>	717	0.00	413.98	543.45	56.10
129	<input type="checkbox"/>	741	0.00	420.07	543.45	53.46
130	<input type="checkbox"/>	753	0.00	407.86	543.45	58.75
131	<input type="checkbox"/>	757	0.00	416.30	543.45	55.09
132	<input type="checkbox"/>	761	0.00	421.52	543.45	52.83

Phase 3 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	496.14	55.13
2	<input type="checkbox"/>	112	0.00	374.62	495.61	52.42
3	<input type="checkbox"/>	116	0.00	378.08	495.11	50.71
4	<input type="checkbox"/>	120	0.00	385.56	494.59	47.24
5	<input type="checkbox"/>	124	0.00	387.85	494.05	46.02
6	<input type="checkbox"/>	128	0.00	390.02	493.51	44.84
7	<input type="checkbox"/>	132	0.00	383.45	492.93	47.44
8	<input type="checkbox"/>	136	0.00	377.67	492.33	49.68
9	<input type="checkbox"/>	144	0.00	382.00	491.72	47.55
10	<input type="checkbox"/>	148	0.00	384.90	491.72	46.28
11	<input type="checkbox"/>	152	0.00	387.06	491.72	45.35
12	<input type="checkbox"/>	156	0.00	387.15	491.72	45.31
13	<input type="checkbox"/>	160	0.00	385.30	491.72	46.11
14	<input type="checkbox"/>	168	0.00	392.25	491.72	43.10
15	<input type="checkbox"/>	176	0.00	377.66	489.59	48.50
16	<input type="checkbox"/>	188	0.00	371.85	484.85	48.96
17	<input type="checkbox"/>	196	0.00	372.77	482.17	47.40
18	<input type="checkbox"/>	204	0.00	368.10	479.10	48.09
19	<input type="checkbox"/>	216	0.00	367.60	476.65	47.25
20	<input type="checkbox"/>	220	0.00	362.39	474.73	48.68
21	<input type="checkbox"/>	232	0.00	361.59	472.32	47.98
22	<input type="checkbox"/>	236	0.00	360.09	470.22	47.72
23	<input type="checkbox"/>	240	0.00	358.49	469.42	48.07
24	<input type="checkbox"/>	244	0.00	358.05	469.42	48.26
25	<input type="checkbox"/>	272	0.00	351.43	457.34	45.89
26	<input type="checkbox"/>	276	0.00	349.80	455.25	45.69
27	<input type="checkbox"/>	280	0.00	346.15	450.92	45.40
28	<input type="checkbox"/>	288	0.00	375.46	491.72	50.38
29	<input type="checkbox"/>	328	0.00	397.27	491.72	40.93

Phase 3 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	491.72	39.09
31	<input type="checkbox"/>	336	0.00	407.21	491.72	36.62
32	<input type="checkbox"/>	340	0.00	406.47	491.72	36.94
33	<input type="checkbox"/>	344	0.00	404.87	491.72	37.63
34	<input type="checkbox"/>	388	0.00	376.45	495.10	51.41
35	<input type="checkbox"/>	392	0.00	377.15	495.01	51.07
36	<input type="checkbox"/>	396	0.00	378.22	494.93	50.57
37	<input type="checkbox"/>	400	0.00	381.65	494.81	49.03
38	<input type="checkbox"/>	404	0.00	379.03	494.81	50.16
39	<input type="checkbox"/>	472	0.00	352.64	458.42	45.83
40	<input type="checkbox"/>	476	0.00	350.72	458.42	46.67
41	<input type="checkbox"/>	480	0.00	351.63	457.34	45.81
42	<input type="checkbox"/>	528	0.00	361.17	471.85	47.96
43	<input type="checkbox"/>	536	0.00	382.20	491.72	47.46
44	<input type="checkbox"/>	560	0.00	382.50	491.72	47.33
45	<input type="checkbox"/>	592	0.00	382.88	491.72	47.16
46	<input type="checkbox"/>	596	0.00	387.55	491.72	45.14
47	<input type="checkbox"/>	628	0.00	373.74	491.72	51.12
48	<input type="checkbox"/>	636	0.00	360.96	472.32	48.25
49	<input type="checkbox"/>	640	0.00	373.91	486.86	48.94
50	<input type="checkbox"/>	644	0.00	362.08	472.32	47.77
51	<input type="checkbox"/>	648	0.00	381.62	493.97	48.68
52	<input type="checkbox"/>	652	0.00	377.56	494.28	50.57
53	<input type="checkbox"/>	716	5,184.00	343.11	448.67	45.74
54	<input type="checkbox"/>	728	0.00	360.55	472.32	48.43
55	<input type="checkbox"/>	732	0.00	361.71	472.32	47.93
56	<input type="checkbox"/>	760	0.00	363.73	472.32	47.05
57	<input type="checkbox"/>	764	0.00	359.47	467.85	46.96
58	<input type="checkbox"/>	768	0.00	357.26	465.94	47.09

Phase 3 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	463.74	46.00
60	<input type="checkbox"/>	776	0.00	353.17	460.54	46.52
61	<input type="checkbox"/>	265	0.00	353.68	457.34	44.92
62	<input type="checkbox"/>	269	0.00	374.15	491.72	50.94
63	<input type="checkbox"/>	273	0.00	363.39	472.32	47.20
64	<input type="checkbox"/>	301	0.00	371.42	496.71	54.29
65	<input type="checkbox"/>	305	0.00	379.25	497.25	51.13
66	<input type="checkbox"/>	309	0.00	382.11	497.55	50.02
67	<input type="checkbox"/>	616	0.00	371.92	495.87	53.71
68	<input type="checkbox"/>	385	0.00	385.91	491.72	45.85
69	<input type="checkbox"/>	421	0.00	391.00	494.01	44.63
70	<input type="checkbox"/>	425	0.00	394.08	494.20	43.38
71	<input type="checkbox"/>	429	0.00	383.37	494.82	48.29
72	<input type="checkbox"/>	433	0.00	390.00	494.32	45.20
73	<input type="checkbox"/>	437	0.00	388.00	494.64	46.21
74	<input type="checkbox"/>	441	0.00	382.75	494.95	48.62
75	<input type="checkbox"/>	445	0.00	366.80	495.53	55.78
76	<input type="checkbox"/>	449	0.00	362.01	495.58	57.88
77	<input type="checkbox"/>	457	0.00	363.91	495.70	57.10
78	<input type="checkbox"/>	461	0.00	368.29	495.64	55.18
79	<input type="checkbox"/>	465	0.00	367.39	496.34	55.87
80	<input type="checkbox"/>	469	0.00	369.16	496.71	55.27
81	<input type="checkbox"/>	473	0.00	368.81	497.06	55.57
82	<input type="checkbox"/>	481	0.00	380.00	497.29	50.82
83	<input type="checkbox"/>	485	0.00	384.00	496.59	48.79
84	<input type="checkbox"/>	489	0.00	388.85	495.77	46.33
85	<input type="checkbox"/>	493	0.00	377.57	495.14	50.94
86	<input type="checkbox"/>	497	470.40	379.50	495.20	50.13
87	<input type="checkbox"/>	501	0.00	381.45	494.58	49.02

Phase 3 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	495.22	48.42
89	<input type="checkbox"/>	509	0.00	379.21	496.00	50.61
90	<input type="checkbox"/>	513	0.00	382.65	495.33	48.82
91	<input type="checkbox"/>	525	0.00	375.92	497.24	52.56
92	<input type="checkbox"/>	529	0.00	378.05	497.24	51.64
93	<input type="checkbox"/>	533	0.00	393.75	494.64	43.71
94	<input type="checkbox"/>	537	0.00	388.65	494.08	45.68
95	<input type="checkbox"/>	541	0.00	386.87	494.04	46.44
96	<input type="checkbox"/>	545	0.00	375.12	495.35	52.09
97	<input type="checkbox"/>	549	0.00	389.88	494.50	45.34
98	<input type="checkbox"/>	553	0.00	378.46	495.21	50.59
99	<input type="checkbox"/>	557	0.00	388.94	491.72	44.53
100	<input type="checkbox"/>	561	0.00	397.45	491.72	40.85
101	<input type="checkbox"/>	565	0.00	398.88	491.72	40.23
102	<input type="checkbox"/>	569	0.00	434.83	491.72	24.65
103	<input type="checkbox"/>	573	0.00	417.23	491.72	32.28
104	<input type="checkbox"/>	577	0.00	377.09	497.31	52.09
105	<input type="checkbox"/>	581	0.00	376.80	497.23	52.18
106	<input type="checkbox"/>	585	0.00	382.01	496.59	49.64
107	<input type="checkbox"/>	589	0.00	376.86	497.34	52.20
108	<input type="checkbox"/>	593	0.00	366.64	496.14	56.11
109	<input type="checkbox"/>	597	0.00	367.63	476.65	47.24
110	<input type="checkbox"/>	601	0.00	378.25	494.28	50.27
111	<input type="checkbox"/>	617	0.00	404.84	491.72	37.65
112	<input type="checkbox"/>	621	0.00	430.05	491.72	26.72
113	<input type="checkbox"/>	625	0.00	397.76	491.72	40.71
114	<input type="checkbox"/>	633	10.00	395.99	491.72	41.48
115	<input type="checkbox"/>	637	0.00	462.63	491.72	12.61
116	<input type="checkbox"/>	649	0.00	398.97	491.72	40.19

Phase 3 Junction Report for t = 15:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	491.72	40.79
118	<input type="checkbox"/>	661	0.00	372.83	492.03	51.65
119	<input type="checkbox"/>	665	10.00	404.88	543.45	60.04
120	<input type="checkbox"/>	677	0.00	408.63	543.45	58.41
121	<input type="checkbox"/>	681	0.00	410.53	543.45	57.59
122	<input type="checkbox"/>	693	0.00	424.36	543.45	51.60
123	<input type="checkbox"/>	697	0.00	425.95	543.45	50.91
124	<input type="checkbox"/>	701	0.00	420.33	543.45	53.35
125	<input type="checkbox"/>	705	0.00	418.20	543.45	54.27
126	<input type="checkbox"/>	709	0.00	415.88	543.45	55.27
127	<input type="checkbox"/>	713	0.00	414.27	543.45	55.97
128	<input type="checkbox"/>	717	0.00	413.98	543.45	56.10
129	<input type="checkbox"/>	741	0.00	420.07	543.45	53.46
130	<input type="checkbox"/>	753	0.00	407.86	543.45	58.75
131	<input type="checkbox"/>	757	0.00	416.30	543.45	55.09
132	<input type="checkbox"/>	761	0.00	421.52	543.45	52.83

Phase 3 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	496.14	55.13
2	<input type="checkbox"/>	112	0.00	374.62	495.61	52.42
3	<input type="checkbox"/>	116	0.00	378.08	495.11	50.71
4	<input type="checkbox"/>	120	0.00	385.56	494.59	47.24
5	<input type="checkbox"/>	124	0.00	387.85	494.05	46.02
6	<input type="checkbox"/>	128	0.00	390.02	493.51	44.84
7	<input type="checkbox"/>	132	0.00	383.45	492.93	47.44
8	<input type="checkbox"/>	136	0.00	377.67	492.33	49.68
9	<input type="checkbox"/>	144	0.00	382.00	491.72	47.55
10	<input type="checkbox"/>	148	0.00	384.90	491.72	46.28
11	<input type="checkbox"/>	152	0.00	387.06	491.72	45.35
12	<input type="checkbox"/>	156	0.00	387.15	491.72	45.31
13	<input type="checkbox"/>	160	0.00	385.30	491.72	46.11
14	<input type="checkbox"/>	168	0.00	392.25	491.72	43.10
15	<input type="checkbox"/>	176	0.00	377.66	489.59	48.50
16	<input type="checkbox"/>	188	0.00	371.85	484.85	48.96
17	<input type="checkbox"/>	196	0.00	372.77	482.17	47.40
18	<input type="checkbox"/>	204	0.00	368.10	479.10	48.09
19	<input type="checkbox"/>	216	0.00	367.60	476.65	47.25
20	<input type="checkbox"/>	220	0.00	362.39	474.73	48.68
21	<input type="checkbox"/>	232	0.00	361.59	472.32	47.98
22	<input type="checkbox"/>	236	0.00	360.09	470.22	47.72
23	<input type="checkbox"/>	240	0.00	358.49	469.42	48.07
24	<input type="checkbox"/>	244	0.00	358.05	469.42	48.26
25	<input type="checkbox"/>	272	0.00	351.43	457.34	45.89
26	<input type="checkbox"/>	276	0.00	349.80	455.25	45.69
27	<input type="checkbox"/>	280	0.00	346.15	450.92	45.40
28	<input type="checkbox"/>	288	0.00	375.46	491.72	50.38
29	<input type="checkbox"/>	328	0.00	397.27	491.72	40.93

Phase 3 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	491.72	39.09
31	<input type="checkbox"/>	336	0.00	407.21	491.72	36.62
32	<input type="checkbox"/>	340	0.00	406.47	491.72	36.94
33	<input type="checkbox"/>	344	0.00	404.87	491.72	37.63
34	<input type="checkbox"/>	388	0.00	376.45	495.10	51.41
35	<input type="checkbox"/>	392	0.00	377.15	495.01	51.07
36	<input type="checkbox"/>	396	0.00	378.22	494.93	50.57
37	<input type="checkbox"/>	400	0.00	381.65	494.81	49.03
38	<input type="checkbox"/>	404	0.00	379.03	494.81	50.16
39	<input type="checkbox"/>	472	0.00	352.64	458.42	45.83
40	<input type="checkbox"/>	476	0.00	350.72	458.42	46.67
41	<input type="checkbox"/>	480	0.00	351.63	457.34	45.81
42	<input type="checkbox"/>	528	0.00	361.17	471.85	47.96
43	<input type="checkbox"/>	536	0.00	382.20	491.72	47.46
44	<input type="checkbox"/>	560	0.00	382.50	491.72	47.33
45	<input type="checkbox"/>	592	0.00	382.88	491.72	47.16
46	<input type="checkbox"/>	596	0.00	387.55	491.72	45.14
47	<input type="checkbox"/>	628	0.00	373.74	491.72	51.12
48	<input type="checkbox"/>	636	0.00	360.96	472.32	48.25
49	<input type="checkbox"/>	640	0.00	373.91	486.86	48.94
50	<input type="checkbox"/>	644	0.00	362.08	472.32	47.77
51	<input type="checkbox"/>	648	0.00	381.62	493.97	48.68
52	<input type="checkbox"/>	652	0.00	377.56	494.28	50.57
53	<input type="checkbox"/>	716	5,184.00	343.11	448.67	45.74
54	<input type="checkbox"/>	728	0.00	360.55	472.32	48.43
55	<input type="checkbox"/>	732	0.00	361.71	472.32	47.93
56	<input type="checkbox"/>	760	0.00	363.73	472.32	47.05
57	<input type="checkbox"/>	764	0.00	359.47	467.85	46.96
58	<input type="checkbox"/>	768	0.00	357.26	465.94	47.09

Phase 3 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	463.74	46.00
60	<input type="checkbox"/>	776	0.00	353.17	460.54	46.52
61	<input type="checkbox"/>	265	0.00	353.68	457.34	44.92
62	<input type="checkbox"/>	269	0.00	374.15	491.72	50.94
63	<input type="checkbox"/>	273	0.00	363.39	472.32	47.20
64	<input type="checkbox"/>	301	0.00	371.42	496.71	54.29
65	<input type="checkbox"/>	305	0.00	379.25	497.25	51.13
66	<input type="checkbox"/>	309	0.00	382.11	497.55	50.02
67	<input type="checkbox"/>	616	0.00	371.92	495.87	53.71
68	<input type="checkbox"/>	385	0.00	385.91	491.72	45.85
69	<input type="checkbox"/>	421	0.00	391.00	494.01	44.63
70	<input type="checkbox"/>	425	0.00	394.08	494.20	43.38
71	<input type="checkbox"/>	429	0.00	383.37	494.82	48.29
72	<input type="checkbox"/>	433	0.00	390.00	494.32	45.20
73	<input type="checkbox"/>	437	0.00	388.00	494.64	46.21
74	<input type="checkbox"/>	441	0.00	382.75	494.95	48.62
75	<input type="checkbox"/>	445	0.00	366.80	495.53	55.78
76	<input type="checkbox"/>	449	0.00	362.01	495.58	57.88
77	<input type="checkbox"/>	457	0.00	363.91	495.70	57.10
78	<input type="checkbox"/>	461	0.00	368.29	495.64	55.18
79	<input type="checkbox"/>	465	0.00	367.39	496.34	55.87
80	<input type="checkbox"/>	469	0.00	369.16	496.71	55.27
81	<input type="checkbox"/>	473	0.00	368.81	497.06	55.57
82	<input type="checkbox"/>	481	0.00	380.00	497.29	50.82
83	<input type="checkbox"/>	485	0.00	384.00	496.59	48.79
84	<input type="checkbox"/>	489	0.00	388.85	495.77	46.33
85	<input type="checkbox"/>	493	0.00	377.57	495.14	50.94
86	<input type="checkbox"/>	497	470.40	379.50	495.20	50.13
87	<input type="checkbox"/>	501	0.00	381.45	494.58	49.02

Phase 3 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	495.22	48.42
89	<input type="checkbox"/>	509	0.00	379.21	496.00	50.61
90	<input type="checkbox"/>	513	0.00	382.65	495.33	48.82
91	<input type="checkbox"/>	525	0.00	375.92	497.24	52.56
92	<input type="checkbox"/>	529	0.00	378.05	497.24	51.64
93	<input type="checkbox"/>	533	0.00	393.75	494.64	43.71
94	<input type="checkbox"/>	537	0.00	388.65	494.08	45.68
95	<input type="checkbox"/>	541	0.00	386.87	494.04	46.44
96	<input type="checkbox"/>	545	0.00	375.12	495.35	52.09
97	<input type="checkbox"/>	549	0.00	389.88	494.50	45.34
98	<input type="checkbox"/>	553	0.00	378.46	495.21	50.59
99	<input type="checkbox"/>	557	0.00	388.94	491.72	44.53
100	<input type="checkbox"/>	561	0.00	397.45	491.72	40.85
101	<input type="checkbox"/>	565	0.00	398.88	491.72	40.23
102	<input type="checkbox"/>	569	0.00	434.83	491.72	24.65
103	<input type="checkbox"/>	573	0.00	417.23	491.72	32.28
104	<input type="checkbox"/>	577	0.00	377.09	497.31	52.09
105	<input type="checkbox"/>	581	0.00	376.80	497.23	52.18
106	<input type="checkbox"/>	585	0.00	382.01	496.59	49.64
107	<input type="checkbox"/>	589	0.00	376.86	497.34	52.20
108	<input type="checkbox"/>	593	0.00	366.64	496.14	56.11
109	<input type="checkbox"/>	597	0.00	367.63	476.65	47.24
110	<input type="checkbox"/>	601	0.00	378.25	494.28	50.27
111	<input type="checkbox"/>	617	0.00	404.84	491.72	37.65
112	<input type="checkbox"/>	621	0.00	430.05	491.72	26.72
113	<input type="checkbox"/>	625	0.00	397.76	491.72	40.71
114	<input type="checkbox"/>	633	10.00	395.99	491.72	41.48
115	<input type="checkbox"/>	637	0.00	462.63	491.72	12.61
116	<input type="checkbox"/>	649	0.00	398.97	491.72	40.19

Phase 3 Junction Report for t = 16:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	491.72	40.79
118	<input type="checkbox"/>	661	0.00	372.83	492.03	51.65
119	<input type="checkbox"/>	665	10.00	404.88	543.45	60.04
120	<input type="checkbox"/>	677	0.00	408.63	543.45	58.41
121	<input type="checkbox"/>	681	0.00	410.53	543.45	57.59
122	<input type="checkbox"/>	693	0.00	424.36	543.45	51.60
123	<input type="checkbox"/>	697	0.00	425.95	543.45	50.91
124	<input type="checkbox"/>	701	0.00	420.33	543.45	53.35
125	<input type="checkbox"/>	705	0.00	418.20	543.45	54.27
126	<input type="checkbox"/>	709	0.00	415.88	543.45	55.27
127	<input type="checkbox"/>	713	0.00	414.27	543.45	55.97
128	<input type="checkbox"/>	717	0.00	413.98	543.45	56.10
129	<input type="checkbox"/>	741	0.00	420.07	543.45	53.46
130	<input type="checkbox"/>	753	0.00	407.86	543.45	58.75
131	<input type="checkbox"/>	757	0.00	416.30	543.45	55.09
132	<input type="checkbox"/>	761	0.00	421.52	543.45	52.83

Phase 3 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	280	0.00	346.15	497.50	65.58
28	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
29	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43

Phase 3 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
31	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
32	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
33	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
34	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
35	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
36	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
37	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
38	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
39	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
40	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
41	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
42	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
43	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
44	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
45	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
46	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
47	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
48	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
49	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
50	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
51	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
52	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
53	<input type="checkbox"/>	716	0.00	343.11	497.50	66.90
54	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
55	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
56	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
57	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
58	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77

Phase 3 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
60	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54
61	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
62	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
63	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
64	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
65	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
66	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
67	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
68	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
69	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
70	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
71	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
72	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
73	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
74	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
75	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
76	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
77	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
78	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
79	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
80	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
81	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
82	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
83	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
84	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
85	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
86	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
87	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28

Phase 3 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
89	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26
90	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
91	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
92	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
93	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
94	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
95	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
96	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
97	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
98	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
99	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
100	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
101	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
102	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
103	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
104	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
105	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
106	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
107	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
108	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
109	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
110	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
111	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
112	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
113	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
114	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
115	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
116	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69

Phase 3 Junction Report for t = 17:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
118	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
119	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
120	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
121	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
122	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
123	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
124	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
125	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
126	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
127	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
128	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
129	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
130	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
131	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
132	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 3 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	280	0.00	346.15	497.50	65.58
28	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
29	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43

Phase 3 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
31	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
32	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
33	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
34	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
35	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
36	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
37	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
38	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
39	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
40	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
41	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
42	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
43	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
44	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
45	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
46	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
47	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
48	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
49	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
50	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
51	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
52	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
53	<input type="checkbox"/>	716	0.00	343.11	497.50	66.90
54	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
55	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
56	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
57	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
58	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77

Phase 3 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
60	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54
61	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
62	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
63	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
64	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
65	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
66	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
67	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
68	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
69	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
70	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
71	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
72	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
73	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
74	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
75	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
76	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
77	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
78	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
79	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
80	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
81	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
82	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
83	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
84	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
85	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
86	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
87	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28

Phase 3 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
89	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26
90	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
91	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
92	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
93	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
94	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
95	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
96	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
97	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
98	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
99	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
100	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
101	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
102	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
103	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
104	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
105	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
106	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
107	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
108	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
109	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
110	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
111	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
112	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
113	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
114	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
115	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
116	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69

Phase 3 Junction Report for t = 18:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
118	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
119	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
120	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
121	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
122	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
123	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
124	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
125	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
126	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
127	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
128	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
129	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
130	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
131	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
132	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 3 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	280	0.00	346.15	497.50	65.58
28	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
29	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43

Phase 3 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
31	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
32	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
33	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
34	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
35	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
36	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
37	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
38	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
39	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
40	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
41	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
42	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
43	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
44	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
45	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
46	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
47	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
48	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
49	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
50	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
51	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
52	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
53	<input type="checkbox"/>	716	0.00	343.11	497.50	66.90
54	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
55	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
56	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
57	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
58	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77

Phase 3 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
60	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54
61	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
62	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
63	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
64	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
65	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
66	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
67	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
68	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
69	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
70	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
71	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
72	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
73	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
74	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
75	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
76	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
77	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
78	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
79	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
80	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
81	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
82	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
83	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
84	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
85	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
86	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
87	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28

Phase 3 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
89	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26
90	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
91	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
92	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
93	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
94	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
95	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
96	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
97	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
98	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
99	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
100	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
101	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
102	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
103	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
104	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
105	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
106	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
107	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
108	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
109	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
110	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
111	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
112	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
113	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
114	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
115	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
116	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69

Phase 3 Junction Report for t = 19:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
118	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
119	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
120	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
121	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
122	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
123	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
124	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
125	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
126	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
127	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
128	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
129	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
130	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
131	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
132	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 3 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	280	0.00	346.15	497.50	65.58
28	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
29	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43

Phase 3 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
31	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
32	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
33	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
34	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
35	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
36	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
37	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
38	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
39	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
40	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
41	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
42	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
43	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
44	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
45	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
46	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
47	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
48	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
49	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
50	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
51	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
52	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
53	<input type="checkbox"/>	716	0.00	343.11	497.50	66.90
54	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
55	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
56	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
57	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
58	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77

Phase 3 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
60	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54
61	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
62	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
63	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
64	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
65	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
66	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
67	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
68	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
69	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
70	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
71	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
72	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
73	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
74	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
75	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
76	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
77	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
78	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
79	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
80	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
81	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
82	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
83	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
84	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
85	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
86	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
87	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28

Phase 3 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
89	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26
90	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
91	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
92	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
93	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
94	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
95	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
96	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
97	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
98	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
99	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
100	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
101	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
102	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
103	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
104	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
105	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
106	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
107	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
108	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
109	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
110	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
111	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
112	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
113	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
114	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
115	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
116	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69

Phase 3 Junction Report for t = 20:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
118	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
119	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
120	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
121	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
122	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
123	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
124	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
125	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
126	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
127	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
128	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
129	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
130	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
131	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
132	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 3 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	0.00	368.90	497.50	55.72
2	<input type="checkbox"/>	112	0.00	374.62	497.50	53.24
3	<input type="checkbox"/>	116	0.00	378.08	497.50	51.74
4	<input type="checkbox"/>	120	0.00	385.56	497.50	48.50
5	<input type="checkbox"/>	124	0.00	387.85	497.50	47.51
6	<input type="checkbox"/>	128	0.00	390.02	497.50	46.57
7	<input type="checkbox"/>	132	0.00	383.45	497.50	49.42
8	<input type="checkbox"/>	136	0.00	377.67	497.50	51.92
9	<input type="checkbox"/>	144	0.00	382.00	497.50	50.05
10	<input type="checkbox"/>	148	0.00	384.90	497.50	48.79
11	<input type="checkbox"/>	152	0.00	387.06	497.50	47.85
12	<input type="checkbox"/>	156	0.00	387.15	497.50	47.82
13	<input type="checkbox"/>	160	0.00	385.30	497.50	48.61
14	<input type="checkbox"/>	168	0.00	392.25	497.50	45.61
15	<input type="checkbox"/>	176	0.00	377.66	497.50	51.93
16	<input type="checkbox"/>	188	0.00	371.85	497.50	54.44
17	<input type="checkbox"/>	196	0.00	372.77	497.50	54.05
18	<input type="checkbox"/>	204	0.00	368.10	497.50	56.07
19	<input type="checkbox"/>	216	0.00	367.60	497.50	56.28
20	<input type="checkbox"/>	220	0.00	362.39	497.50	58.54
21	<input type="checkbox"/>	232	0.00	361.59	497.50	58.89
22	<input type="checkbox"/>	236	0.00	360.09	497.50	59.54
23	<input type="checkbox"/>	240	0.00	358.49	497.50	60.23
24	<input type="checkbox"/>	244	0.00	358.05	497.50	60.42
25	<input type="checkbox"/>	272	0.00	351.43	497.50	63.29
26	<input type="checkbox"/>	276	0.00	349.80	497.50	64.00
27	<input type="checkbox"/>	280	0.00	346.15	497.50	65.58
28	<input type="checkbox"/>	288	0.00	375.46	497.50	52.88
29	<input type="checkbox"/>	328	0.00	397.27	497.50	43.43

Phase 3 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	0.00	401.51	497.50	41.59
31	<input type="checkbox"/>	336	0.00	407.21	497.50	39.12
32	<input type="checkbox"/>	340	0.00	406.47	497.50	39.44
33	<input type="checkbox"/>	344	0.00	404.87	497.50	40.14
34	<input type="checkbox"/>	388	0.00	376.45	497.50	52.45
35	<input type="checkbox"/>	392	0.00	377.15	497.50	52.15
36	<input type="checkbox"/>	396	0.00	378.22	497.50	51.68
37	<input type="checkbox"/>	400	0.00	381.65	497.50	50.20
38	<input type="checkbox"/>	404	0.00	379.03	497.50	51.33
39	<input type="checkbox"/>	472	0.00	352.64	497.50	62.77
40	<input type="checkbox"/>	476	0.00	350.72	497.50	63.60
41	<input type="checkbox"/>	480	0.00	351.63	497.50	63.21
42	<input type="checkbox"/>	528	0.00	361.17	497.50	59.07
43	<input type="checkbox"/>	536	0.00	382.20	497.50	49.96
44	<input type="checkbox"/>	560	0.00	382.50	497.50	49.83
45	<input type="checkbox"/>	592	0.00	382.88	497.50	49.67
46	<input type="checkbox"/>	596	0.00	387.55	497.50	47.64
47	<input type="checkbox"/>	628	0.00	373.74	497.50	53.63
48	<input type="checkbox"/>	636	0.00	360.96	497.50	59.16
49	<input type="checkbox"/>	640	0.00	373.91	497.50	53.55
50	<input type="checkbox"/>	644	0.00	362.08	497.50	58.68
51	<input type="checkbox"/>	648	0.00	381.62	497.50	50.21
52	<input type="checkbox"/>	652	0.00	377.56	497.50	51.97
53	<input type="checkbox"/>	716	0.00	343.11	497.50	66.90
54	<input type="checkbox"/>	728	0.00	360.55	497.50	59.34
55	<input type="checkbox"/>	732	0.00	361.71	497.50	58.84
56	<input type="checkbox"/>	760	0.00	363.73	497.50	57.96
57	<input type="checkbox"/>	764	0.00	359.47	497.50	59.81
58	<input type="checkbox"/>	768	0.00	357.26	497.50	60.77

Phase 3 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	497.50	60.63
60	<input type="checkbox"/>	776	0.00	353.17	497.50	62.54
61	<input type="checkbox"/>	265	0.00	353.68	497.50	62.32
62	<input type="checkbox"/>	269	0.00	374.15	497.50	53.45
63	<input type="checkbox"/>	273	0.00	363.39	497.50	58.11
64	<input type="checkbox"/>	301	0.00	371.42	497.50	54.63
65	<input type="checkbox"/>	305	0.00	379.25	497.50	51.24
66	<input type="checkbox"/>	309	0.00	382.11	497.50	50.00
67	<input type="checkbox"/>	616	0.00	371.92	497.50	54.41
68	<input type="checkbox"/>	385	0.00	385.91	497.50	48.35
69	<input type="checkbox"/>	421	0.00	391.00	497.50	46.15
70	<input type="checkbox"/>	425	0.00	394.08	497.50	44.81
71	<input type="checkbox"/>	429	0.00	383.37	497.50	49.45
72	<input type="checkbox"/>	433	0.00	390.00	497.50	46.58
73	<input type="checkbox"/>	437	0.00	388.00	497.50	47.45
74	<input type="checkbox"/>	441	0.00	382.75	497.50	49.72
75	<input type="checkbox"/>	445	0.00	366.80	497.50	56.63
76	<input type="checkbox"/>	449	0.00	362.01	497.50	58.71
77	<input type="checkbox"/>	457	0.00	363.91	497.50	57.88
78	<input type="checkbox"/>	461	0.00	368.29	497.50	55.99
79	<input type="checkbox"/>	465	0.00	367.39	497.50	56.38
80	<input type="checkbox"/>	469	0.00	369.16	497.50	55.61
81	<input type="checkbox"/>	473	0.00	368.81	497.50	55.76
82	<input type="checkbox"/>	481	0.00	380.00	497.50	50.91
83	<input type="checkbox"/>	485	0.00	384.00	497.50	49.18
84	<input type="checkbox"/>	489	0.00	388.85	497.50	47.08
85	<input type="checkbox"/>	493	0.00	377.57	497.50	51.97
86	<input type="checkbox"/>	497	0.00	379.50	497.50	51.13
87	<input type="checkbox"/>	501	0.00	381.45	497.50	50.28

Phase 3 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	0.00	383.49	497.50	49.40
89	<input type="checkbox"/>	509	0.00	379.21	497.50	51.26
90	<input type="checkbox"/>	513	0.00	382.65	497.50	49.76
91	<input type="checkbox"/>	525	0.00	375.92	497.50	52.68
92	<input type="checkbox"/>	529	0.00	378.05	497.50	51.76
93	<input type="checkbox"/>	533	0.00	393.75	497.50	44.95
94	<input type="checkbox"/>	537	0.00	388.65	497.50	47.16
95	<input type="checkbox"/>	541	0.00	386.87	497.50	47.94
96	<input type="checkbox"/>	545	0.00	375.12	497.50	53.03
97	<input type="checkbox"/>	549	0.00	389.88	497.50	46.63
98	<input type="checkbox"/>	553	0.00	378.46	497.50	51.58
99	<input type="checkbox"/>	557	0.00	388.94	497.50	47.04
100	<input type="checkbox"/>	561	0.00	397.45	497.50	43.35
101	<input type="checkbox"/>	565	0.00	398.88	497.50	42.73
102	<input type="checkbox"/>	569	0.00	434.83	497.50	27.16
103	<input type="checkbox"/>	573	0.00	417.23	497.50	34.78
104	<input type="checkbox"/>	577	0.00	377.09	497.50	52.17
105	<input type="checkbox"/>	581	0.00	376.80	497.50	52.30
106	<input type="checkbox"/>	585	0.00	382.01	497.50	50.04
107	<input type="checkbox"/>	589	0.00	376.86	497.50	52.28
108	<input type="checkbox"/>	593	0.00	366.64	497.50	56.70
109	<input type="checkbox"/>	597	0.00	367.63	497.50	56.27
110	<input type="checkbox"/>	601	0.00	378.25	497.50	51.67
111	<input type="checkbox"/>	617	0.00	404.84	497.50	40.15
112	<input type="checkbox"/>	621	0.00	430.05	497.50	29.23
113	<input type="checkbox"/>	625	0.00	397.76	497.50	43.22
114	<input type="checkbox"/>	633	10.00	395.99	497.50	43.98
115	<input type="checkbox"/>	637	0.00	462.63	497.50	15.11
116	<input type="checkbox"/>	649	0.00	398.97	497.50	42.69

Phase 3 Junction Report for t = 21:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	497.50	43.29
118	<input type="checkbox"/>	661	0.00	372.83	497.50	54.02
119	<input type="checkbox"/>	665	10.00	404.88	543.35	60.00
120	<input type="checkbox"/>	677	0.00	408.63	543.35	58.37
121	<input type="checkbox"/>	681	0.00	410.53	543.35	57.55
122	<input type="checkbox"/>	693	0.00	424.36	543.35	51.56
123	<input type="checkbox"/>	697	0.00	425.95	543.35	50.87
124	<input type="checkbox"/>	701	0.00	420.33	543.35	53.31
125	<input type="checkbox"/>	705	0.00	418.20	543.35	54.23
126	<input type="checkbox"/>	709	0.00	415.88	543.35	55.23
127	<input type="checkbox"/>	713	0.00	414.27	543.35	55.93
128	<input type="checkbox"/>	717	0.00	413.98	543.35	56.06
129	<input type="checkbox"/>	741	0.00	420.07	543.35	53.42
130	<input type="checkbox"/>	753	0.00	407.86	543.35	58.71
131	<input type="checkbox"/>	757	0.00	416.30	543.35	55.05
132	<input type="checkbox"/>	761	0.00	421.52	543.35	52.79

Phase 3 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	495.05	54.66
2	<input type="checkbox"/>	112	167.43	374.62	494.40	51.90
3	<input type="checkbox"/>	116	129.78	378.08	494.02	50.24
4	<input type="checkbox"/>	120	217.38	385.56	493.72	46.86
5	<input type="checkbox"/>	124	147.93	387.85	493.49	45.78
6	<input type="checkbox"/>	128	88.86	390.02	493.36	44.77
7	<input type="checkbox"/>	132	38.55	383.45	493.26	47.58
8	<input type="checkbox"/>	136	0.00	377.67	493.19	50.05
9	<input type="checkbox"/>	144	0.00	382.00	493.11	48.14
10	<input type="checkbox"/>	148	0.00	384.90	493.09	46.88
11	<input type="checkbox"/>	152	0.00	387.06	493.08	45.94
12	<input type="checkbox"/>	156	0.00	387.15	493.07	45.90
13	<input type="checkbox"/>	160	0.00	385.30	493.07	46.70
14	<input type="checkbox"/>	168	0.00	392.25	493.06	43.68
15	<input type="checkbox"/>	176	0.00	377.66	492.97	49.97
16	<input type="checkbox"/>	188	0.00	371.85	492.71	52.37
17	<input type="checkbox"/>	196	0.00	372.77	492.59	51.92
18	<input type="checkbox"/>	204	0.00	368.10	492.44	53.88
19	<input type="checkbox"/>	216	249.42	367.60	491.38	53.63
20	<input type="checkbox"/>	220	0.00	362.39	492.27	56.28
21	<input type="checkbox"/>	232	0.00	361.59	492.21	56.59
22	<input type="checkbox"/>	236	0.00	360.09	492.20	57.24
23	<input type="checkbox"/>	240	0.00	358.49	492.19	57.94
24	<input type="checkbox"/>	244	76.86	358.05	492.08	58.08
25	<input type="checkbox"/>	272	0.00	351.43	492.17	60.99
26	<input type="checkbox"/>	276	0.00	349.80	492.17	61.69
27	<input type="checkbox"/>	280	0.00	346.15	492.17	63.27
28	<input type="checkbox"/>	288	0.00	375.46	493.07	50.96
29	<input type="checkbox"/>	328	0.00	397.27	492.87	41.42

Phase 3 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	32.92	401.51	492.77	39.54
31	<input type="checkbox"/>	336	0.00	407.21	492.69	37.04
32	<input type="checkbox"/>	340	0.00	406.47	492.66	37.34
33	<input type="checkbox"/>	344	0.00	404.87	492.63	38.03
34	<input type="checkbox"/>	388	100.11	376.45	491.68	49.93
35	<input type="checkbox"/>	392	150.73	377.15	491.27	49.45
36	<input type="checkbox"/>	396	51.45	378.22	491.25	48.97
37	<input type="checkbox"/>	400	0.00	381.65	491.25	47.49
38	<input type="checkbox"/>	404	61.01	379.03	491.16	48.58
39	<input type="checkbox"/>	472	105.25	352.64	492.17	60.46
40	<input type="checkbox"/>	476	74.19	350.72	492.10	61.26
41	<input type="checkbox"/>	480	0.00	351.63	492.17	60.90
42	<input type="checkbox"/>	528	5.24	361.17	492.20	56.78
43	<input type="checkbox"/>	536	162.37	382.20	493.00	48.01
44	<input type="checkbox"/>	560	0.00	382.50	493.10	47.92
45	<input type="checkbox"/>	592	0.00	382.88	493.07	47.75
46	<input type="checkbox"/>	596	209.02	387.55	489.66	44.25
47	<input type="checkbox"/>	628	0.00	373.74	493.07	51.71
48	<input type="checkbox"/>	636	0.00	360.96	488.87	55.42
49	<input type="checkbox"/>	640	154.26	373.91	492.81	51.52
50	<input type="checkbox"/>	644	0.00	362.08	490.44	55.62
51	<input type="checkbox"/>	648	89.16	381.62	492.18	47.91
52	<input type="checkbox"/>	652	173.14	377.56	491.12	49.20
53	<input type="checkbox"/>	716	0.00	343.11	492.17	64.59
54	<input type="checkbox"/>	728	0.00	360.55	487.80	55.14
55	<input type="checkbox"/>	732	0.00	361.71	485.76	53.75
56	<input type="checkbox"/>	760	485.11	363.73	480.94	50.79
57	<input type="checkbox"/>	764	0.00	359.47	492.19	57.51
58	<input type="checkbox"/>	768	0.00	357.26	492.19	58.47

Phase 3 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	492.18	58.33
60	<input type="checkbox"/>	776	0.00	353.17	492.18	60.23
61	<input type="checkbox"/>	265	0.00	353.68	492.17	60.01
62	<input type="checkbox"/>	269	0.00	374.15	493.07	51.53
63	<input type="checkbox"/>	273	0.00	363.39	485.76	53.02
64	<input type="checkbox"/>	301	189.60	371.42	495.98	53.97
65	<input type="checkbox"/>	305	182.76	379.25	496.93	50.99
66	<input type="checkbox"/>	309	0.00	382.11	497.53	50.02
67	<input type="checkbox"/>	616	1,290.17	371.92	494.65	53.18
68	<input type="checkbox"/>	385	0.00	385.91	490.35	45.25
69	<input type="checkbox"/>	421	73.98	391.00	492.42	43.94
70	<input type="checkbox"/>	425	180.33	394.08	491.89	42.38
71	<input type="checkbox"/>	429	271.14	383.37	492.01	47.07
72	<input type="checkbox"/>	433	37.77	390.00	492.16	44.26
73	<input type="checkbox"/>	437	54.90	388.00	492.00	45.06
74	<input type="checkbox"/>	441	154.83	382.75	492.05	47.36
75	<input type="checkbox"/>	445	152.43	366.80	492.37	54.41
76	<input type="checkbox"/>	449	2.76	362.01	492.76	56.65
77	<input type="checkbox"/>	457	57.99	363.91	493.57	56.18
78	<input type="checkbox"/>	461	150.63	368.29	493.70	54.34
79	<input type="checkbox"/>	465	127.44	367.39	494.25	54.97
80	<input type="checkbox"/>	469	130.77	369.16	494.73	54.41
81	<input type="checkbox"/>	473	67.71	368.81	495.11	54.73
82	<input type="checkbox"/>	481	111.54	380.00	496.13	50.32
83	<input type="checkbox"/>	485	125.64	384.00	494.75	47.99
84	<input type="checkbox"/>	489	54.18	388.85	493.27	45.25
85	<input type="checkbox"/>	493	141.45	377.57	492.35	49.73
86	<input type="checkbox"/>	497	0.00	379.50	493.50	49.40
87	<input type="checkbox"/>	501	107.43	381.45	491.40	47.64

Phase 3 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	■	505	140.46	383.49	492.17	47.09
89	■	509	219.27	379.21	494.21	49.83
90	■	513	0.00	382.65	492.94	47.79
91	■	525	183.74	375.92	495.76	51.92
92	■	529	88.95	378.05	496.31	51.24
93	■	533	136.59	393.75	491.89	42.53
94	■	537	219.77	388.65	492.53	45.01
95	■	541	113.93	386.87	493.00	45.98
96	■	545	278.87	375.12	492.31	50.78
97	■	549	71.52	389.88	491.88	44.20
98	■	553	96.12	378.46	492.67	49.49
99	■	557	0.00	388.94	493.06	45.11
100	■	561	0.00	397.45	493.06	41.43
101	■	565	0.00	398.88	493.06	40.81
102	■	569	0.00	434.83	493.06	25.23
103	■	573	0.00	417.23	493.06	32.86
104	■	577	0.00	377.09	496.25	51.63
105	■	581	0.00	376.80	495.76	51.54
106	■	585	0.00	382.01	495.16	49.02
107	■	589	0.00	376.86	496.37	51.78
108	■	593	0.00	366.64	494.33	55.33
109	■	597	0.00	367.63	492.33	54.03
110	■	601	0.00	378.25	491.39	49.02
111	■	617	0.00	404.84	493.06	38.23
112	■	621	0.00	430.05	493.06	27.30
113	■	625	0.00	397.76	493.06	41.29
114	■	633	10.00	395.99	493.06	42.06
115	■	637	0.00	462.63	493.06	13.19
116	■	649	0.00	398.97	493.06	40.77

Phase 3 Junction Report for t = 22:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	493.06	41.37
118	<input type="checkbox"/>	661	0.00	372.83	493.15	52.13
119	<input type="checkbox"/>	665	10.00	404.88	543.42	60.03
120	<input type="checkbox"/>	677	0.00	408.63	543.37	58.38
121	<input type="checkbox"/>	681	0.00	410.53	543.20	57.49
122	<input type="checkbox"/>	693	0.00	424.36	543.09	51.45
123	<input type="checkbox"/>	697	0.00	425.95	543.08	50.75
124	<input type="checkbox"/>	701	0.00	420.33	543.06	53.18
125	<input type="checkbox"/>	705	0.00	418.20	543.05	54.10
126	<input type="checkbox"/>	709	0.00	415.88	543.04	55.10
127	<input type="checkbox"/>	713	157.11	414.27	543.03	55.79
128	<input type="checkbox"/>	717	0.00	413.98	543.13	55.96
129	<input type="checkbox"/>	741	0.00	420.07	543.11	53.31
130	<input type="checkbox"/>	753	0.00	407.86	543.27	58.67
131	<input type="checkbox"/>	757	0.00	416.30	543.12	54.95
132	<input type="checkbox"/>	761	0.00	421.52	543.10	52.68

Phase 3 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	495.05	54.66
2	<input type="checkbox"/>	112	167.43	374.62	494.40	51.90
3	<input type="checkbox"/>	116	129.78	378.08	494.02	50.24
4	<input type="checkbox"/>	120	217.38	385.56	493.72	46.86
5	<input type="checkbox"/>	124	147.93	387.85	493.49	45.78
6	<input type="checkbox"/>	128	88.86	390.02	493.36	44.77
7	<input type="checkbox"/>	132	38.55	383.45	493.26	47.58
8	<input type="checkbox"/>	136	0.00	377.67	493.19	50.05
9	<input type="checkbox"/>	144	0.00	382.00	493.11	48.14
10	<input type="checkbox"/>	148	0.00	384.90	493.09	46.88
11	<input type="checkbox"/>	152	0.00	387.06	493.08	45.94
12	<input type="checkbox"/>	156	0.00	387.15	493.07	45.90
13	<input type="checkbox"/>	160	0.00	385.30	493.07	46.70
14	<input type="checkbox"/>	168	0.00	392.25	493.06	43.68
15	<input type="checkbox"/>	176	0.00	377.66	492.97	49.97
16	<input type="checkbox"/>	188	0.00	371.85	492.71	52.37
17	<input type="checkbox"/>	196	0.00	372.77	492.59	51.92
18	<input type="checkbox"/>	204	0.00	368.10	492.44	53.88
19	<input type="checkbox"/>	216	249.42	367.60	491.38	53.63
20	<input type="checkbox"/>	220	0.00	362.39	492.27	56.28
21	<input type="checkbox"/>	232	0.00	361.59	492.21	56.59
22	<input type="checkbox"/>	236	0.00	360.09	492.20	57.24
23	<input type="checkbox"/>	240	0.00	358.49	492.19	57.94
24	<input type="checkbox"/>	244	76.86	358.05	492.08	58.08
25	<input type="checkbox"/>	272	0.00	351.43	492.17	60.99
26	<input type="checkbox"/>	276	0.00	349.80	492.17	61.69
27	<input type="checkbox"/>	280	0.00	346.15	492.17	63.27
28	<input type="checkbox"/>	288	0.00	375.46	493.07	50.96
29	<input type="checkbox"/>	328	0.00	397.27	492.87	41.42

Phase 3 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	32.92	401.51	492.77	39.54
31	<input type="checkbox"/>	336	0.00	407.21	492.69	37.04
32	<input type="checkbox"/>	340	0.00	406.47	492.66	37.34
33	<input type="checkbox"/>	344	0.00	404.87	492.63	38.03
34	<input type="checkbox"/>	388	100.11	376.45	491.68	49.93
35	<input type="checkbox"/>	392	150.73	377.15	491.27	49.45
36	<input type="checkbox"/>	396	51.45	378.22	491.25	48.97
37	<input type="checkbox"/>	400	0.00	381.65	491.25	47.49
38	<input type="checkbox"/>	404	61.01	379.03	491.16	48.58
39	<input type="checkbox"/>	472	105.25	352.64	492.17	60.46
40	<input type="checkbox"/>	476	74.19	350.72	492.10	61.26
41	<input type="checkbox"/>	480	0.00	351.63	492.17	60.90
42	<input type="checkbox"/>	528	5.24	361.17	492.20	56.78
43	<input type="checkbox"/>	536	162.37	382.20	493.00	48.01
44	<input type="checkbox"/>	560	0.00	382.50	493.10	47.92
45	<input type="checkbox"/>	592	0.00	382.88	493.07	47.75
46	<input type="checkbox"/>	596	209.02	387.55	489.66	44.25
47	<input type="checkbox"/>	628	0.00	373.74	493.07	51.71
48	<input type="checkbox"/>	636	0.00	360.96	488.87	55.42
49	<input type="checkbox"/>	640	154.26	373.91	492.81	51.52
50	<input type="checkbox"/>	644	0.00	362.08	490.44	55.62
51	<input type="checkbox"/>	648	89.16	381.62	492.18	47.91
52	<input type="checkbox"/>	652	173.14	377.56	491.12	49.20
53	<input type="checkbox"/>	716	0.00	343.11	492.17	64.59
54	<input type="checkbox"/>	728	0.00	360.55	487.80	55.14
55	<input type="checkbox"/>	732	0.00	361.71	485.76	53.75
56	<input type="checkbox"/>	760	485.11	363.73	480.94	50.79
57	<input type="checkbox"/>	764	0.00	359.47	492.19	57.51
58	<input type="checkbox"/>	768	0.00	357.26	492.19	58.47

Phase 3 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	492.18	58.33
60	<input type="checkbox"/>	776	0.00	353.17	492.18	60.23
61	<input type="checkbox"/>	265	0.00	353.68	492.17	60.01
62	<input type="checkbox"/>	269	0.00	374.15	493.07	51.53
63	<input type="checkbox"/>	273	0.00	363.39	485.76	53.02
64	<input type="checkbox"/>	301	189.60	371.42	495.98	53.97
65	<input type="checkbox"/>	305	182.76	379.25	496.93	50.99
66	<input type="checkbox"/>	309	0.00	382.11	497.53	50.02
67	<input type="checkbox"/>	616	1,290.17	371.92	494.65	53.18
68	<input type="checkbox"/>	385	0.00	385.91	490.35	45.25
69	<input type="checkbox"/>	421	73.98	391.00	492.42	43.94
70	<input type="checkbox"/>	425	180.33	394.08	491.89	42.38
71	<input type="checkbox"/>	429	271.14	383.37	492.01	47.07
72	<input type="checkbox"/>	433	37.77	390.00	492.16	44.26
73	<input type="checkbox"/>	437	54.90	388.00	492.00	45.06
74	<input type="checkbox"/>	441	154.83	382.75	492.05	47.36
75	<input type="checkbox"/>	445	152.43	366.80	492.37	54.41
76	<input type="checkbox"/>	449	2.76	362.01	492.76	56.65
77	<input type="checkbox"/>	457	57.99	363.91	493.57	56.18
78	<input type="checkbox"/>	461	150.63	368.29	493.70	54.34
79	<input type="checkbox"/>	465	127.44	367.39	494.25	54.97
80	<input type="checkbox"/>	469	130.77	369.16	494.73	54.41
81	<input type="checkbox"/>	473	67.71	368.81	495.11	54.73
82	<input type="checkbox"/>	481	111.54	380.00	496.13	50.32
83	<input type="checkbox"/>	485	125.64	384.00	494.75	47.99
84	<input type="checkbox"/>	489	54.18	388.85	493.27	45.25
85	<input type="checkbox"/>	493	141.45	377.57	492.35	49.73
86	<input type="checkbox"/>	497	0.00	379.50	493.50	49.40
87	<input type="checkbox"/>	501	107.43	381.45	491.40	47.64

Phase 3 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	■	505	140.46	383.49	492.17	47.09
89	■	509	219.27	379.21	494.21	49.83
90	■	513	0.00	382.65	492.94	47.79
91	■	525	183.74	375.92	495.76	51.92
92	■	529	88.95	378.05	496.31	51.24
93	■	533	136.59	393.75	491.89	42.53
94	■	537	219.77	388.65	492.53	45.01
95	■	541	113.93	386.87	493.00	45.98
96	■	545	278.87	375.12	492.31	50.78
97	■	549	71.52	389.88	491.88	44.20
98	■	553	96.12	378.46	492.67	49.49
99	■	557	0.00	388.94	493.06	45.11
100	■	561	0.00	397.45	493.06	41.43
101	■	565	0.00	398.88	493.06	40.81
102	■	569	0.00	434.83	493.06	25.23
103	■	573	0.00	417.23	493.06	32.86
104	■	577	0.00	377.09	496.25	51.63
105	■	581	0.00	376.80	495.76	51.54
106	■	585	0.00	382.01	495.16	49.02
107	■	589	0.00	376.86	496.37	51.78
108	■	593	0.00	366.64	494.33	55.33
109	■	597	0.00	367.63	492.33	54.03
110	■	601	0.00	378.25	491.39	49.02
111	■	617	0.00	404.84	493.06	38.23
112	■	621	0.00	430.05	493.06	27.30
113	■	625	0.00	397.76	493.06	41.29
114	■	633	10.00	395.99	493.06	42.06
115	■	637	0.00	462.63	493.06	13.19
116	■	649	0.00	398.97	493.06	40.77

Phase 3 Junction Report for t = 23:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	493.06	41.37
118	<input type="checkbox"/>	661	0.00	372.83	493.15	52.13
119	<input type="checkbox"/>	665	10.00	404.88	543.42	60.03
120	<input type="checkbox"/>	677	0.00	408.63	543.37	58.38
121	<input type="checkbox"/>	681	0.00	410.53	543.20	57.49
122	<input type="checkbox"/>	693	0.00	424.36	543.09	51.45
123	<input type="checkbox"/>	697	0.00	425.95	543.08	50.75
124	<input type="checkbox"/>	701	0.00	420.33	543.06	53.18
125	<input type="checkbox"/>	705	0.00	418.20	543.05	54.10
126	<input type="checkbox"/>	709	0.00	415.88	543.04	55.10
127	<input type="checkbox"/>	713	157.11	414.27	543.03	55.79
128	<input type="checkbox"/>	717	0.00	413.98	543.13	55.96
129	<input type="checkbox"/>	741	0.00	420.07	543.11	53.31
130	<input type="checkbox"/>	753	0.00	407.86	543.27	58.67
131	<input type="checkbox"/>	757	0.00	416.30	543.12	54.95
132	<input type="checkbox"/>	761	0.00	421.52	543.10	52.68

Phase 3 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	<input type="checkbox"/>	108	139.95	368.90	491.63	53.18
2	<input type="checkbox"/>	112	167.43	374.62	489.98	49.99
3	<input type="checkbox"/>	116	129.78	378.08	488.92	48.03
4	<input type="checkbox"/>	120	217.38	385.56	487.98	44.38
5	<input type="checkbox"/>	124	147.93	387.85	487.20	43.05
6	<input type="checkbox"/>	128	88.86	390.02	486.64	41.87
7	<input type="checkbox"/>	132	38.55	383.45	486.18	44.51
8	<input type="checkbox"/>	136	0.00	377.67	485.76	46.84
9	<input type="checkbox"/>	144	0.00	382.00	485.33	44.78
10	<input type="checkbox"/>	148	0.00	384.90	485.05	43.39
11	<input type="checkbox"/>	152	0.00	387.06	484.89	42.39
12	<input type="checkbox"/>	156	0.00	387.15	484.81	42.32
13	<input type="checkbox"/>	160	0.00	385.30	484.77	43.10
14	<input type="checkbox"/>	168	0.00	392.25	484.55	39.99
15	<input type="checkbox"/>	176	0.00	377.66	484.99	46.51
16	<input type="checkbox"/>	188	0.00	371.85	484.29	48.72
17	<input type="checkbox"/>	196	0.00	372.77	483.93	48.17
18	<input type="checkbox"/>	204	0.00	368.10	483.53	50.02
19	<input type="checkbox"/>	216	400.71	367.60	480.93	49.11
20	<input type="checkbox"/>	220	0.00	362.39	483.05	52.28
21	<input type="checkbox"/>	232	0.00	361.59	482.86	52.54
22	<input type="checkbox"/>	236	0.00	360.09	482.82	53.18
23	<input type="checkbox"/>	240	0.00	358.49	482.81	53.87
24	<input type="checkbox"/>	244	285.48	358.05	481.54	53.51
25	<input type="checkbox"/>	272	0.00	351.43	482.75	56.90
26	<input type="checkbox"/>	276	0.00	349.80	482.75	57.61
27	<input type="checkbox"/>	280	0.00	346.15	482.75	59.19
28	<input type="checkbox"/>	288	0.00	375.46	484.77	47.36
29	<input type="checkbox"/>	328	0.00	397.27	475.10	33.73

Phase 3 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
30	<input type="checkbox"/>	332	32.92	401.51	470.19	29.76
31	<input type="checkbox"/>	336	0.00	407.21	465.09	25.08
32	<input type="checkbox"/>	340	0.00	406.47	462.62	24.33
33	<input type="checkbox"/>	344	0.00	404.87	460.90	24.28
34	<input type="checkbox"/>	388	100.11	376.45	484.85	46.97
35	<input type="checkbox"/>	392	229.38	377.15	483.70	46.17
36	<input type="checkbox"/>	396	92.27	378.22	483.57	45.65
37	<input type="checkbox"/>	400	0.00	381.65	483.56	44.16
38	<input type="checkbox"/>	404	109.43	379.03	483.30	45.18
39	<input type="checkbox"/>	472	160.16	352.64	482.75	56.38
40	<input type="checkbox"/>	476	133.06	350.72	482.54	57.12
41	<input type="checkbox"/>	480	0.00	351.63	482.75	56.82
42	<input type="checkbox"/>	528	50.05	361.17	482.85	52.72
43	<input type="checkbox"/>	536	401.10	382.20	484.69	44.41
44	<input type="checkbox"/>	560	0.00	382.50	485.20	44.50
45	<input type="checkbox"/>	592	0.00	382.88	484.77	44.15
46	<input type="checkbox"/>	596	318.08	387.55	477.16	38.83
47	<input type="checkbox"/>	628	0.00	373.74	484.77	48.11
48	<input type="checkbox"/>	636	0.00	360.96	476.24	49.95
49	<input type="checkbox"/>	640	200.03	373.91	484.55	47.94
50	<input type="checkbox"/>	644	0.00	362.08	479.35	50.81
51	<input type="checkbox"/>	648	89.16	381.62	484.90	44.75
52	<input type="checkbox"/>	652	263.48	377.56	483.07	45.72
53	<input type="checkbox"/>	716	0.00	343.11	482.75	60.51
54	<input type="checkbox"/>	728	0.00	360.55	474.11	49.21
55	<input type="checkbox"/>	732	0.00	361.71	470.07	46.95
56	<input type="checkbox"/>	760	702.58	363.73	460.49	41.93
57	<input type="checkbox"/>	764	0.00	359.47	482.80	53.44
58	<input type="checkbox"/>	768	0.00	357.26	482.79	54.39

Phase 3 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
59	<input type="checkbox"/>	772	0.00	357.57	482.78	54.25
60	<input type="checkbox"/>	776	0.00	353.17	482.76	56.15
61	<input type="checkbox"/>	265	0.00	353.68	482.75	55.93
62	<input type="checkbox"/>	269	0.00	374.15	484.77	47.93
63	<input type="checkbox"/>	273	0.00	363.39	470.07	46.22
64	<input type="checkbox"/>	301	189.60	371.42	493.87	53.05
65	<input type="checkbox"/>	305	182.76	379.25	496.10	50.63
66	<input type="checkbox"/>	309	0.00	382.11	497.46	49.98
67	<input type="checkbox"/>	616	1,963.30	371.92	490.62	51.43
68	<input type="checkbox"/>	385	0.00	385.91	478.65	40.18
69	<input type="checkbox"/>	421	73.98	391.00	485.50	40.95
70	<input type="checkbox"/>	425	180.33	394.08	484.17	39.04
71	<input type="checkbox"/>	429	271.14	383.37	485.29	44.16
72	<input type="checkbox"/>	433	37.77	390.00	485.30	41.29
73	<input type="checkbox"/>	437	54.90	388.00	485.19	42.11
74	<input type="checkbox"/>	441	154.83	382.75	485.89	44.69
75	<input type="checkbox"/>	445	152.43	366.80	486.82	52.01
76	<input type="checkbox"/>	449	2.76	362.01	487.50	54.37
77	<input type="checkbox"/>	457	57.99	363.91	488.89	54.15
78	<input type="checkbox"/>	461	150.63	368.29	488.92	52.27
79	<input type="checkbox"/>	465	127.44	367.39	490.84	53.49
80	<input type="checkbox"/>	469	130.77	369.16	492.18	53.30
81	<input type="checkbox"/>	473	67.71	368.81	492.99	53.81
82	<input type="checkbox"/>	481	111.54	380.00	495.19	49.91
83	<input type="checkbox"/>	485	125.64	384.00	492.76	47.13
84	<input type="checkbox"/>	489	54.18	388.85	489.74	43.71
85	<input type="checkbox"/>	493	141.45	377.57	486.84	47.35
86	<input type="checkbox"/>	497	0.00	379.50	489.74	47.77
87	<input type="checkbox"/>	501	107.43	381.45	483.82	44.36

Phase 3 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
88	<input type="checkbox"/>	505	140.46	383.49	487.09	44.89
89	<input type="checkbox"/>	509	219.27	379.21	491.40	48.61
90	<input type="checkbox"/>	513	0.00	382.65	488.79	45.99
91	<input type="checkbox"/>	525	279.61	375.92	493.97	51.15
92	<input type="checkbox"/>	529	159.52	378.05	494.86	50.61
93	<input type="checkbox"/>	533	320.20	393.75	484.68	39.40
94	<input type="checkbox"/>	537	334.43	388.65	485.25	41.86
95	<input type="checkbox"/>	541	204.34	386.87	486.12	43.01
96	<input type="checkbox"/>	545	424.37	375.12	486.50	48.26
97	<input type="checkbox"/>	549	320.88	389.88	483.80	40.70
98	<input type="checkbox"/>	553	172.39	378.46	486.35	46.75
99	<input type="checkbox"/>	557	0.00	388.94	484.55	41.43
100	<input type="checkbox"/>	561	0.00	397.45	484.55	37.74
101	<input type="checkbox"/>	565	0.00	398.88	484.55	37.12
102	<input type="checkbox"/>	569	0.00	434.83	484.55	21.54
103	<input type="checkbox"/>	573	0.00	417.23	484.55	29.17
104	<input type="checkbox"/>	577	0.00	377.09	495.29	51.21
105	<input type="checkbox"/>	581	0.00	376.80	493.98	50.77
106	<input type="checkbox"/>	585	0.00	382.01	493.24	48.19
107	<input type="checkbox"/>	589	0.00	376.86	495.38	51.36
108	<input type="checkbox"/>	593	0.00	366.64	490.83	53.81
109	<input type="checkbox"/>	597	0.00	367.63	483.21	50.08
110	<input type="checkbox"/>	601	0.00	378.25	483.67	45.68
111	<input type="checkbox"/>	617	0.00	404.84	484.55	34.54
112	<input type="checkbox"/>	621	0.00	430.05	484.55	23.62
113	<input type="checkbox"/>	625	0.00	397.76	484.55	37.60
114	<input type="checkbox"/>	633	10.00	395.99	484.55	38.37
115	<input type="checkbox"/>	637	0.00	462.63	484.55	9.50
116	<input type="checkbox"/>	649	0.00	398.97	484.55	37.08

Phase 3 Junction Report for t = 24:00 hrs

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
117	<input type="checkbox"/>	657	0.00	397.59	484.55	37.68
118	<input type="checkbox"/>	661	0.00	372.83	485.55	48.84
119	<input type="checkbox"/>	665	10.00	404.88	543.24	59.95
120	<input type="checkbox"/>	677	120.06	408.63	539.95	56.90
121	<input type="checkbox"/>	681	120.06	410.53	529.17	51.41
122	<input type="checkbox"/>	693	120.06	424.36	521.93	42.28
123	<input type="checkbox"/>	697	120.06	425.95	521.90	41.57
124	<input type="checkbox"/>	701	120.06	420.33	521.97	44.04
125	<input type="checkbox"/>	705	0.00	418.20	522.21	45.07
126	<input type="checkbox"/>	709	120.06	415.88	522.39	46.15
127	<input type="checkbox"/>	713	400.50	414.27	522.69	46.98
128	<input type="checkbox"/>	717	120.06	413.98	525.14	48.16
129	<input type="checkbox"/>	741	120.06	420.07	522.35	44.32
130	<input type="checkbox"/>	753	0.00	407.86	533.38	54.39
131	<input type="checkbox"/>	757	120.06	416.30	523.75	46.56
132	<input type="checkbox"/>	761	120.06	421.52	522.11	43.59

Phase 3 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	9,807.26	2.88	1.00
2		16	112	116	2,648.78	37.29	125.00	6,997.57	2.06	1.06
3		20	116	120	2,632.40	37.29	125.00	6,598.59	1.94	0.94
4		24	120	124	2,664.16	37.29	125.00	5,907.13	1.74	0.78
5		32	128	132	2,630.80	37.29	125.00	4,483.60	1.32	0.46
6		36	132	136	2,587.05	37.29	125.00	4,305.29	1.26	0.42
7		48	144	560	970.26	31.07	125.00	2,373.22	1.00	0.13
8		52	148	152	1,692.36	31.07	125.00	1,972.12	0.83	0.16
9		56	152	156	859.54	31.07	125.00	1,972.12	0.83	0.08
10		60	156	160	418.07	31.07	125.00	1,972.12	0.83	0.04
11		76	144	176	1,315.87	24.95	125.00	1,932.07	1.27	0.34
12		136	232	528	287.76	24.95	125.00	628.74	0.41	0.01
13		140	236	240	492.63	24.95	125.00	578.70	0.38	0.01
14		144	240	244	697.16	7.98	130.00	285.48	1.83	1.26
15		180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
18		232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
19		240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
20		244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
21		288	388	392	463.24	7.98	130.00	338.18	2.17	1.15
22		292	392	396	429.31	7.98	130.00	108.81	0.70	0.13
23		296	396	400	612.83	7.98	130.00	16.54	0.11	0.01
24		304	116	388	2,639.34	7.98	130.00	261.52	1.68	4.07
25		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27		384	472	476	493.59	7.98	130.00	133.06	0.85	0.22
28		436	528	236	1,003.15	24.95	125.00	578.70	0.38	0.03
29		448	560	148	1,668.69	31.07	125.00	1,972.12	0.83	0.16
30		452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
31		492	168	385	2,660.53	7.98	130.00	318.08	2.04	5.90
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	702.58	2.99	3.51
34		540	644	636	875.70	9.79	130.00	702.58	2.99	3.11

Phase 3 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	353.23	2.27	1.08
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	199.50	1.28	1.23
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	702.58	2.99	2.12
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	702.58	2.99	4.05
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	702.58	4.51	9.58
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	293.22	0.19	0.01
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	293.22	0.19	0.01
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	293.22	0.19	0.01
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	293.22	0.19	0.02
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	293.22	0.19	0.01
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	11,711.32	3.44	1.36
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	10,815.76	3.18	2.24
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	10,464.20	3.07	2.24
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	7,843.95	2.30	0.64
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	318.08	2.04	1.49
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	358.13	1.08	1.14
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	140.63	0.42	0.20
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	102.86	0.31	0.11
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	272.24	0.82	0.70
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	138.41	0.89	1.20
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	278.87	1.79	1.70
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	208.86	1.34	3.02
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	214.38	1.38	2.43
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	112.16	0.72	0.81
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	143.35	0.92	1.34
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	15.91	0.10	0.01
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	356.80	1.52	2.71
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	29.45	0.19	0.03

Phase 3 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		141	449	445	1,309.71	7.98	130.00	144.80	0.93	0.68
70		145	445	388	2,642.50	7.98	130.00	176.77	1.13	1.97
71		149	501	400	1,134.29	7.98	130.00	92.89	0.60	0.26
72		153	501	601	1,333.42	7.98	130.00	63.98	0.41	0.15
73		157	132	648	2,654.70	7.98	130.00	139.76	0.90	1.28
74		161	124	537	417.85	7.98	130.00	475.38	3.05	1.95
75		169	120	429	2,624.93	7.98	130.00	209.78	1.35	2.69
76		173	441	429	2,638.61	7.98	130.00	92.97	0.60	0.60
77		177	429	549	1,360.38	7.98	130.00	216.74	1.39	1.48
78		181	553	429	1,306.36	7.98	130.00	185.14	1.19	1.06
79		185	112	545	1,538.75	7.98	130.00	321.42	2.06	3.48
80		189	493	441	1,942.81	11.65	130.00	381.63	1.15	0.96
81		193	497	493	2,360.85	11.65	130.00	626.02	1.88	2.90
82		197	509	497	961.80	11.65	130.00	750.22	2.26	1.65
83		201	305	509	2,270.74	7.98	130.00	306.72	1.97	4.71
84		205	585	509	1,346.17	11.65	130.00	662.76	1.99	1.84
85		209	489	513	1,629.81	7.98	130.00	154.68	0.99	0.95
86		213	497	513	2,460.69	7.98	130.00	124.19	0.80	0.96
87		221	421	425	2,629.64	7.98	130.00	143.52	0.92	1.33
88		225	301	469	2,658.75	7.98	130.00	161.96	1.04	1.69
89		229	581	473	1,282.87	7.98	130.00	179.87	1.15	0.99
90		233	120	501	2,642.27	7.98	130.00	264.30	1.70	4.16
91		237	309	481	1,329.84	7.98	130.00	276.32	1.77	2.27
92		241	461	445	2,595.34	7.98	130.00	184.40	1.18	2.10
93		253	529	525	644.66	7.98	130.00	246.55	1.58	0.89
94		257	305	529	357.19	7.98	130.00	406.08	2.60	1.24
95		261	437	533	223.30	7.98	130.00	320.20	2.05	0.50
96		265	537	425	2,202.23	7.98	130.00	140.94	0.90	1.08
97		269	541	648	2,251.06	7.98	130.00	148.90	0.96	1.22
98		28	124	128	2,658.99	37.29	125.00	4,930.59	1.45	0.56
99		51	493	545	1,231.34	7.98	130.00	102.95	0.66	0.34
100		55	425	549	1,301.55	7.98	130.00	104.13	0.67	0.36
101		59	112	553	1,319.39	7.98	130.00	357.53	2.29	3.63
102		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	49.60	0.32	0.09
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	33.05	0.21	0.01
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	49.60	0.32	0.09
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	120.12	0.77	0.48
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	782.88	2.36	4.23
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	212.92	1.37	1.40
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	262.53	1.68	2.08
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	160.19	1.03	0.80
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	176.10	1.13	1.94
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	400.71	2.57	2.27
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	1,331.32	0.87	0.15
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	109.43	0.70	0.27
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	263.48	1.69	0.60
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	4,305.29	1.26	0.21
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	1,932.07	1.27	0.44
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	1,732.03	1.14	0.26
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	1,732.03	1.14	0.40
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	4,305.29	1.26	0.22
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	147.56	0.95	1.39
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	1,972.12	0.83	0.22
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	1,732.03	1.14	0.35
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	1,732.03	1.14	0.32
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	1,331.32	0.87	0.19
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 0:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	-7.68	0.03	0.00
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	303.05	1.29	0.30
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	297.26	1.27	0.24

Phase 3 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	8,410.21	2.47	0.76
2		16	112	116	2,648.78	37.29	125.00	6,370.95	1.87	0.89
3		20	116	120	2,632.40	37.29	125.00	6,018.52	1.77	0.80
4		24	120	124	2,664.16	37.29	125.00	5,409.64	1.59	0.66
5		32	128	132	2,630.80	37.29	125.00	4,203.72	1.23	0.41
6		36	132	136	2,587.05	37.29	125.00	4,082.46	1.20	0.38
7		48	144	560	970.26	31.07	125.00	2,264.17	0.96	0.12
8		52	148	152	1,692.36	31.07	125.00	1,863.07	0.79	0.14
9		56	152	156	859.54	31.07	125.00	1,863.07	0.79	0.07
10		60	156	160	418.07	31.07	125.00	1,863.07	0.79	0.04
11		76	144	176	1,315.87	24.95	125.00	1,818.29	1.19	0.31
12		136	232	528	287.76	24.95	125.00	514.96	0.34	0.01
13		140	236	240	492.63	24.95	125.00	464.92	0.31	0.01
14		144	240	244	697.16	7.98	130.00	285.48	1.83	1.26
15		180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
18		232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
19		240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
20		244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
21		288	388	392	463.24	7.98	130.00	229.66	1.47	0.56
22		292	392	396	429.31	7.98	130.00	78.92	0.51	0.07
23		296	396	400	612.83	7.98	130.00	27.48	0.18	0.01
24		304	116	388	2,639.34	7.98	130.00	204.68	1.31	2.59
25		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27		384	472	476	493.59	7.98	130.00	74.19	0.48	0.07
28		436	528	236	1,003.15	24.95	125.00	464.92	0.31	0.02
29		448	560	148	1,668.69	31.07	125.00	1,863.07	0.79	0.14
30		452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
31		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	702.58	2.99	3.51
34		540	644	636	875.70	9.79	130.00	702.58	2.99	3.11

Phase 3 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	238.05	1.53	0.52
36		548	648	601	1,316.13	7.98	130.00	117.67	0.75	0.46
37		616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38		628	636	728	597.05	9.79	130.00	702.58	2.99	2.12
39		632	728	732	1,139.76	9.79	130.00	702.58	2.99	4.05
40		668	732	760	995.88	7.98	130.00	702.58	4.51	9.58
41		676	240	764	967.46	24.95	125.00	179.44	0.12	0.00
42		680	764	768	1,174.23	24.95	125.00	179.44	0.12	0.00
43		684	768	772	1,356.13	24.95	125.00	179.44	0.12	0.00
44		688	772	776	1,970.40	24.95	125.00	179.44	0.12	0.01
45		692	776	472	1,305.26	24.95	125.00	179.44	0.12	0.00
46		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51		342	309	305	1,312.75	37.29	125.00	10,111.61	2.97	1.04
52		350	305	301	2,497.41	37.29	125.00	9,357.46	2.75	1.71
53		354	301	108	2,656.30	37.29	125.00	9,022.32	2.65	1.70
54		13	616	112	1,305.41	37.29	125.00	7,120.04	2.09	0.54
55		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
56		73	128	421	2,606.90	11.65	130.00	349.78	1.05	1.09
57		77	421	433	2,638.07	11.65	130.00	146.57	0.44	0.22
58		81	433	437	2,627.65	11.65	130.00	108.80	0.33	0.13
59		85	441	437	2,659.50	11.65	130.00	266.30	0.80	0.67
60		89	505	441	2,531.20	7.98	130.00	112.05	0.72	0.81
61		93	513	505	979.51	7.98	130.00	252.51	1.62	1.42
62		97	485	489	2,972.07	7.98	130.00	187.48	1.20	2.47
63		101	481	485	2,279.44	7.98	130.00	197.90	1.27	2.10
64		113	473	469	2,522.05	7.98	130.00	111.45	0.71	0.80
65		117	469	465	2,644.74	7.98	130.00	126.22	0.81	1.06
66		121	465	593	1,363.13	7.98	130.00	-1.22	0.01	0.0000
67		125	108	461	2,675.53	9.79	130.00	318.45	1.36	2.20
68		129	461	457	1,234.15	7.98	130.00	29.93	0.19	0.03

Phase 3 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		141	449	445	1,309.71	7.98	130.00	121.66	0.78	0.49
70		145	445	388	2,642.50	7.98	130.00	125.09	0.80	1.04
71		149	501	400	1,134.29	7.98	130.00	33.54	0.22	0.04
72		153	501	601	1,333.42	7.98	130.00	55.48	0.36	0.12
73		157	132	648	2,654.70	7.98	130.00	82.72	0.53	0.49
74		161	124	537	417.85	7.98	130.00	381.31	2.45	1.30
75		169	120	429	2,624.93	7.98	130.00	195.06	1.25	2.35
76		173	441	429	2,638.61	7.98	130.00	77.51	0.50	0.43
77		177	429	549	1,360.38	7.98	130.00	210.44	1.35	1.40
78		181	553	429	1,306.36	7.98	130.00	209.01	1.34	1.33
79		185	112	545	1,538.75	7.98	130.00	276.53	1.77	2.63
80		189	493	441	1,942.81	11.65	130.00	386.59	1.16	0.98
81		193	497	493	2,360.85	11.65	130.00	530.38	1.60	2.14
82		197	509	497	961.80	11.65	130.00	649.59	1.96	1.27
83		201	305	509	2,270.74	7.98	130.00	278.49	1.79	3.93
84		205	585	509	1,346.17	11.65	130.00	590.37	1.78	1.49
85		209	489	513	1,629.81	7.98	130.00	133.30	0.86	0.72
86		213	497	513	2,460.69	7.98	130.00	119.21	0.76	0.89
87		221	421	425	2,629.64	7.98	130.00	129.23	0.83	1.10
88		225	301	469	2,658.75	7.98	130.00	145.54	0.93	1.39
89		229	581	473	1,282.87	7.98	130.00	179.16	1.15	0.98
90		233	120	501	2,642.27	7.98	130.00	196.44	1.26	2.40
91		237	309	481	1,329.84	7.98	130.00	245.91	1.58	1.83
92		241	461	445	2,595.34	7.98	130.00	155.85	1.00	1.53
93		253	529	525	644.66	7.98	130.00	203.96	1.31	0.63
94		257	305	529	357.19	7.98	130.00	292.91	1.88	0.68
95		261	437	533	223.30	7.98	130.00	320.20	2.05	0.50
96		265	537	425	2,202.23	7.98	130.00	161.54	1.04	1.39
97		269	541	648	2,251.06	7.98	130.00	124.11	0.80	0.87
98		28	124	128	2,658.99	37.29	125.00	4,642.36	1.36	0.50
99		51	493	545	1,231.34	7.98	130.00	2.34	0.02	0.00
100		55	425	549	1,301.55	7.98	130.00	110.44	0.71	0.41
101		59	112	553	1,319.39	7.98	130.00	305.13	1.96	2.71
102		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	63.53	0.41	0.15
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-20.22	0.13	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	63.53	0.41	0.15
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	115.22	0.74	0.44
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	705.59	2.12	3.49
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	158.93	1.02	0.82
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	222.46	1.43	1.53
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	153.70	0.99	0.74
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	152.48	0.98	1.49
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	400.71	2.57	2.27
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	1,217.54	0.80	0.13
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	4,082.46	1.20	0.19
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	1,818.29	1.19	0.39
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	1,618.26	1.06	0.23
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	1,618.26	1.06	0.36
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	4,082.46	1.20	0.20
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	124.42	0.80	1.01
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	1,863.07	0.79	0.20
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	1,618.26	1.06	0.31
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	1,618.26	1.06	0.28
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	1,217.54	0.80	0.17
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 1:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	-17.97	0.08	0.01
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	303.05	1.29	0.30
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	297.26	1.27	0.24

Phase 3 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	7,046.25	2.07	0.54
2		16	112	116	2,648.78	37.29	125.00	5,096.45	1.50	0.59
3		20	116	120	2,632.40	37.29	125.00	4,692.05	1.38	0.50
4		24	120	124	2,664.16	37.29	125.00	4,126.39	1.21	0.40
5		32	128	132	2,630.80	37.29	125.00	3,079.92	0.90	0.23
6		36	132	136	2,587.05	37.29	125.00	2,931.72	0.86	0.21
7		48	144	560	970.26	31.07	125.00	1,782.19	0.75	0.07
8		52	148	152	1,692.36	31.07	125.00	1,619.08	0.69	0.11
9		56	152	156	859.54	31.07	125.00	1,619.08	0.69	0.06
10		60	156	160	418.07	31.07	125.00	1,619.08	0.69	0.03
11		76	144	176	1,315.87	24.95	125.00	1,149.53	0.75	0.13
12		136	232	528	287.76	24.95	125.00	261.49	0.17	0.00
13		140	236	240	492.63	24.95	125.00	256.30	0.17	0.00
14		144	240	244	697.16	7.98	130.00	76.86	0.49	0.11
15		180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	1,400.05	3.14	7.01
18		232	328	332	1,371.33	13.50	130.00	1,400.05	3.14	3.65
19		240	336	340	713.16	13.50	130.00	1,367.13	3.06	1.82
20		244	340	344	498.98	13.50	130.00	1,367.13	3.06	1.27
21		288	388	392	463.24	7.98	130.00	208.87	1.34	0.47
22		292	392	396	429.31	7.98	130.00	58.14	0.37	0.04
23		296	396	400	612.83	7.98	130.00	6.69	0.04	0.00
24		304	116	388	2,639.34	7.98	130.00	197.62	1.27	2.42
25		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27		384	472	476	493.59	7.98	130.00	74.19	0.48	0.07
28		436	528	236	1,003.15	24.95	125.00	256.30	0.17	0.01
29		448	560	148	1,668.69	31.07	125.00	1,619.08	0.69	0.11
30		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
31		492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	485.11	2.07	1.77
34		540	644	636	875.70	9.79	130.00	485.11	2.07	1.57

Phase 3 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	234.57	1.50	0.50
36		548	648	601	1,316.13	7.98	130.00	141.13	0.91	0.65
37		616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38		628	636	728	597.05	9.79	130.00	485.11	2.07	1.07
39		632	728	732	1,139.76	9.79	130.00	485.11	2.07	2.04
40		668	732	760	995.88	7.98	130.00	485.11	3.11	4.82
41		676	240	764	967.46	24.95	125.00	179.44	0.12	0.00
42		680	764	768	1,174.23	24.95	125.00	179.44	0.12	0.00
43		684	768	772	1,356.13	24.95	125.00	179.44	0.12	0.00
44		688	772	776	1,970.40	24.95	125.00	179.44	0.12	0.01
45		692	776	472	1,305.26	24.95	125.00	179.44	0.12	0.00
46		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51		342	309	305	1,312.75	37.29	125.00	8,653.36	2.54	0.78
52		350	305	301	2,497.41	37.29	125.00	7,941.36	2.33	1.26
53		354	301	108	2,656.30	37.29	125.00	7,611.17	2.24	1.24
54		13	616	112	1,305.41	37.29	125.00	5,756.08	1.69	0.36
55		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
56		73	128	421	2,606.90	11.65	130.00	263.95	0.79	0.65
57		77	421	433	2,638.07	11.65	130.00	110.96	0.33	0.13
58		81	433	437	2,627.65	11.65	130.00	73.19	0.22	0.06
59		85	441	437	2,659.50	11.65	130.00	118.79	0.36	0.15
60		89	505	441	2,531.20	7.98	130.00	64.29	0.41	0.29
61		93	513	505	979.51	7.98	130.00	204.75	1.31	0.96
62		97	485	489	2,972.07	7.98	130.00	157.49	1.01	1.79
63		101	481	485	2,279.44	7.98	130.00	171.29	1.10	1.61
64		113	473	469	2,522.05	7.98	130.00	90.82	0.58	0.55
65		117	469	465	2,644.74	7.98	130.00	100.63	0.65	0.70
66		121	465	593	1,363.13	7.98	130.00	-26.81	0.17	0.03
67		125	108	461	2,675.53	9.79	130.00	273.54	1.17	1.66
68		129	461	457	1,234.15	7.98	130.00	50.22	0.32	0.09

Phase 3 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		141	449	445	1,309.71	7.98	130.00	114.10	0.73	0.43
70		145	445	388	2,642.50	7.98	130.00	111.36	0.71	0.84
71		149	501	400	1,134.29	7.98	130.00	54.32	0.35	0.10
72		153	501	601	1,333.42	7.98	130.00	32.02	0.21	0.04
73		157	132	648	2,654.70	7.98	130.00	109.65	0.70	0.82
74		161	124	537	417.85	7.98	130.00	311.16	2.00	0.89
75		169	120	429	2,624.93	7.98	130.00	154.51	0.99	1.53
76		173	441	429	2,638.61	7.98	130.00	44.57	0.29	0.15
77		177	429	549	1,360.38	7.98	130.00	81.45	0.52	0.24
78		181	553	429	1,306.36	7.98	130.00	153.51	0.98	0.75
79		185	112	545	1,538.75	7.98	130.00	242.56	1.56	2.06
80		189	493	441	1,942.81	11.65	130.00	253.90	0.76	0.45
81		193	497	493	2,360.85	11.65	130.00	431.66	1.30	1.46
82		197	509	497	961.80	11.65	130.00	533.10	1.60	0.88
83		201	305	509	2,270.74	7.98	130.00	244.40	1.57	3.09
84		205	585	509	1,346.17	11.65	130.00	507.97	1.53	1.12
85		209	489	513	1,629.81	7.98	130.00	103.31	0.66	0.45
86		213	497	513	2,460.69	7.98	130.00	101.44	0.65	0.66
87		221	421	425	2,629.64	7.98	130.00	79.01	0.51	0.44
88		225	301	469	2,658.75	7.98	130.00	140.59	0.90	1.30
89		229	581	473	1,282.87	7.98	130.00	158.53	1.02	0.78
90		233	120	501	2,642.27	7.98	130.00	193.77	1.24	2.34
91		237	309	481	1,329.84	7.98	130.00	225.17	1.44	1.55
92		241	461	445	2,595.34	7.98	130.00	149.69	0.96	1.42
93		253	529	525	644.66	7.98	130.00	195.90	1.26	0.58
94		257	305	529	357.19	7.98	130.00	284.84	1.83	0.65
95		261	437	533	223.30	7.98	130.00	137.09	0.88	0.10
96		265	537	425	2,202.23	7.98	130.00	91.39	0.59	0.48
97		269	541	648	2,251.06	7.98	130.00	120.64	0.77	0.83
98		28	124	128	2,658.99	37.29	125.00	3,432.73	1.01	0.28
99		51	493	545	1,231.34	7.98	130.00	36.31	0.23	0.05
100		55	425	549	1,301.55	7.98	130.00	-9.93	0.06	0.00
101		59	112	553	1,319.39	7.98	130.00	249.64	1.60	1.87
102		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	57.66	0.37	0.12
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-12.15	0.08	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	57.66	0.37	0.12
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	111.84	0.72	0.42
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	619.81	1.87	2.74
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	146.37	0.94	0.70
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	204.03	1.31	1.31
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	151.44	0.97	0.72
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	124.63	0.80	1.02
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	248.67	1.60	0.94
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	746.60	0.49	0.05
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.0000
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	2,931.72	0.86	0.10
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	1,149.53	0.75	0.17
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	995.27	0.65	0.09
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	995.27	0.65	0.14
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	2,931.72	0.86	0.11
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	116.86	0.75	0.90
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	1,619.08	0.69	0.16
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	1,367.13	3.06	3.76
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	995.27	0.65	0.13
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	995.27	0.65	0.12
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	746.60	0.49	0.07
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 2:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	-77.00	0.33	0.16
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	350.34	1.49	0.40
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	230.28	0.98	0.28
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	110.22	0.47	0.19
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	129.91	0.55	0.10
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	1,237.07	3.72	3.01
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	490.09	2.09	1.17
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	370.03	1.58	1.12
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	506.85	2.16	1.33
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	230.28	0.98	0.37
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	9.85	0.04	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	1,117.01	3.36	2.80
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	1,237.07	3.72	4.71
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	1,357.13	3.04	2.42
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	249.97	1.07	0.18

Phase 3 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	6,370.66	1.87	0.45
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	4,440.46	1.30	0.46
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	4,027.16	1.18	0.38
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	3,467.99	1.02	0.29
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	2,412.69	0.71	0.15
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	2,261.08	0.66	0.13
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	1,131.70	0.48	0.03
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	968.60	0.41	0.04
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	968.60	0.41	0.02
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	968.60	0.41	0.01
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	1,129.37	0.74	0.13
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	241.33	0.16	0.00
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	236.14	0.15	0.00
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	76.86	0.49	0.11
15	<input type="checkbox"/>	180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	749.57	1.68	2.21
18	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	749.57	1.68	1.15
19	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	716.65	1.61	0.55
20	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	716.65	1.61	0.38
21	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	184.78	1.19	0.38
22	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	34.05	0.22	0.02
23	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	-3.42	0.02	0.000
24	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	187.48	1.20	2.20
25	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	54.03	0.35	0.04
28	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	236.14	0.15	0.01
29	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	968.60	0.41	0.04
30	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
31	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
32	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	485.11	2.07	1.77
34	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	485.11	2.07	1.57

Phase 3 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	203.06	1.30	0.39
36		548	648	601	1,316.13	7.98	130.00	143.98	0.92	0.67
37		616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38		628	636	728	597.05	9.79	130.00	485.11	2.07	1.07
39		632	728	732	1,139.76	9.79	130.00	485.11	2.07	2.04
40		668	732	760	995.88	7.98	130.00	485.11	3.11	4.82
41		676	240	764	967.46	24.95	125.00	159.28	0.10	0.00
42		680	764	768	1,174.23	24.95	125.00	159.28	0.10	0.00
43		684	768	772	1,356.13	24.95	125.00	159.28	0.10	0.00
44		688	772	776	1,970.40	24.95	125.00	159.28	0.10	0.01
45		692	776	472	1,305.26	24.95	125.00	159.28	0.10	0.00
46		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51		342	309	305	1,312.75	37.29	125.00	7,920.05	2.33	0.66
52		350	305	301	2,497.41	37.29	125.00	7,241.19	2.13	1.06
53		354	301	108	2,656.30	37.29	125.00	6,913.90	2.03	1.04
54		13	616	112	1,305.41	37.29	125.00	5,080.49	1.49	0.29
55		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
56		73	128	421	2,606.90	11.65	130.00	297.48	0.90	0.81
57		77	421	433	2,638.07	11.65	130.00	141.23	0.43	0.21
58		81	433	437	2,627.65	11.65	130.00	103.46	0.31	0.12
59		85	441	437	2,659.50	11.65	130.00	88.52	0.27	0.09
60		89	505	441	2,531.20	7.98	130.00	48.72	0.31	0.17
61		93	513	505	979.51	7.98	130.00	189.18	1.21	0.83
62		97	485	489	2,972.07	7.98	130.00	147.36	0.95	1.58
63		101	481	485	2,279.44	7.98	130.00	162.75	1.04	1.46
64		113	473	469	2,522.05	7.98	130.00	82.41	0.53	0.46
65		117	469	465	2,644.74	7.98	130.00	89.33	0.57	0.56
66		121	465	593	1,363.13	7.98	130.00	-38.11	0.24	0.06
67		125	108	461	2,675.53	9.79	130.00	253.33	1.08	1.44
68		129	461	457	1,234.15	7.98	130.00	56.14	0.36	0.11

Phase 3 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		141	449	445	1,309.71	7.98	130.00	107.23	0.69	0.39
70		145	445	388	2,642.50	7.98	130.00	97.42	0.62	0.65
71		149	501	400	1,134.29	7.98	130.00	47.85	0.31	0.08
72		153	501	601	1,333.42	7.98	130.00	29.16	0.19	0.04
73		157	132	648	2,654.70	7.98	130.00	113.06	0.73	0.87
74		161	124	537	417.85	7.98	130.00	317.97	2.04	0.93
75		169	120	429	2,624.93	7.98	130.00	157.35	1.01	1.58
76		173	441	429	2,638.61	7.98	130.00	25.22	0.16	0.05
77		177	429	549	1,360.38	7.98	130.00	71.38	0.46	0.19
78		181	553	429	1,306.36	7.98	130.00	159.96	1.03	0.81
79		185	112	545	1,538.75	7.98	130.00	242.64	1.56	2.07
80		189	493	441	1,942.81	11.65	130.00	219.85	0.66	0.34
81		193	497	493	2,360.85	11.65	130.00	397.53	1.20	1.25
82		197	509	497	961.80	11.65	130.00	493.52	1.49	0.76
83		201	305	509	2,270.74	7.98	130.00	233.80	1.50	2.85
84		205	585	509	1,346.17	11.65	130.00	478.99	1.44	1.01
85		209	489	513	1,629.81	7.98	130.00	93.18	0.60	0.37
86		213	497	513	2,460.69	7.98	130.00	95.99	0.62	0.59
87		221	421	425	2,629.64	7.98	130.00	82.27	0.53	0.48
88		225	301	469	2,658.75	7.98	130.00	137.69	0.88	1.25
89		229	581	473	1,282.87	7.98	130.00	150.12	0.96	0.71
90		233	120	501	2,642.27	7.98	130.00	184.44	1.18	2.13
91		237	309	481	1,329.84	7.98	130.00	216.35	1.39	1.44
92		241	461	445	2,595.34	7.98	130.00	142.62	0.91	1.30
93		253	529	525	644.66	7.98	130.00	197.52	1.27	0.59
94		257	305	529	357.19	7.98	130.00	262.30	1.68	0.55
95		261	437	533	223.30	7.98	130.00	137.09	0.88	0.10
96		265	537	425	2,202.23	7.98	130.00	98.20	0.63	0.55
97		269	541	648	2,251.06	7.98	130.00	120.08	0.77	0.82
98		28	124	128	2,658.99	37.29	125.00	2,799.03	0.82	0.19
99		51	493	545	1,231.34	7.98	130.00	36.23	0.23	0.05
100		55	425	549	1,301.55	7.98	130.00	0.14	0.000	0.0000
101		59	112	553	1,319.39	7.98	130.00	229.96	1.48	1.60
102		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	57.94	0.37	0.12
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-13.78	0.09	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	57.94	0.37	0.13
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	110.25	0.71	0.41
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	589.24	1.77	2.50
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	136.34	0.87	0.61
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	194.29	1.25	1.19
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	149.95	0.96	0.71
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	111.85	0.72	0.84
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	248.67	1.60	0.94
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	726.44	0.48	0.05
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	44.43	0.29	0.05
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	2,261.08	0.66	0.06
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	1,129.37	0.74	0.16
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	975.11	0.64	0.09
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	975.11	0.64	0.14
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	2,261.08	0.66	0.07
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	109.99	0.71	0.80
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	968.60	0.41	0.06
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	716.65	1.61	1.14
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	975.11	0.64	0.12
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	975.11	0.64	0.11
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	726.44	0.48	0.06
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 3:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138		287	461	116	2,702.94	9.79	130.00	-96.05	0.41	0.24
139		307	713	709	403.48	9.79	130.00	144.54	0.62	0.08
140		311	709	705	611.58	9.79	130.00	89.53	0.38	0.05
141		319	701	697	1,692.26	9.79	130.00	34.51	0.15	0.02
142		391	761	693	664.15	9.79	130.00	75.51	0.32	0.04
143		411	753	681	694.40	11.65	130.00	651.64	1.96	0.92
144		415	717	757	639.38	9.79	130.00	240.56	1.03	0.31
145		419	757	741	1,033.11	9.79	130.00	185.54	0.79	0.31
146		303	717	713	686.37	9.79	130.00	301.05	1.28	0.51
147		315	705	701	822.74	9.79	130.00	89.53	0.38	0.06
148		363	693	697	811.24	9.79	130.00	20.50	0.09	0.00
149		371	681	717	778.76	11.65	130.00	596.62	1.80	0.88
150		407	677	753	1,085.06	11.65	130.00	651.64	1.96	1.44
151		235	665	677	964.00	13.50	130.00	706.65	1.58	0.72
152		431	741	761	338.57	9.79	130.00	130.53	0.56	0.05

Phase 3 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	2,243.60	0.66	0.07
2		16	112	116	2,648.78	37.29	125.00	1,805.86	0.53	0.09
3		20	116	120	2,632.40	37.29	125.00	1,449.74	0.43	0.06
4		24	120	124	2,664.16	37.29	125.00	1,010.60	0.30	0.03
5		32	128	132	2,630.80	37.29	125.00	289.59	0.09	0.00
6		36	132	136	2,587.05	37.29	125.00	183.11	0.05	0.00
7		48	144	560	970.26	31.07	125.00	183.11	0.08	0.00
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	-30.98	0.20	0.01
22		292	392	396	429.31	7.98	130.00	-30.98	0.20	0.01
23		296	396	400	612.83	7.98	130.00	-30.98	0.20	0.02
24		304	116	388	2,639.34	7.98	130.00	101.02	0.65	0.70
25		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
29		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	69.75	0.45	0.05
36		548	648	601	1,316.13	7.98	130.00	48.53	0.31	0.09
37		616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
42		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
43		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
44		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
45		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
46		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51		342	309	305	1,312.75	37.29	125.00	3,406.61	1.00	0.14
52		350	305	301	2,497.41	37.29	125.00	2,978.13	0.87	0.21
53		354	301	108	2,656.30	37.29	125.00	2,675.43	0.79	0.18
54		13	616	112	1,305.41	37.29	125.00	2,243.60	0.66	0.06
55		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56		73	128	421	2,606.90	11.65	130.00	285.68	0.86	0.75
57		77	421	433	2,638.07	11.65	130.00	144.80	0.44	0.22
58		81	433	437	2,627.65	11.65	130.00	107.03	0.32	0.12
59		85	441	437	2,659.50	11.65	130.00	-52.13	0.16	0.03
60		89	505	441	2,531.20	7.98	130.00	-49.49	0.32	0.18
61		93	513	505	979.51	7.98	130.00	90.97	0.58	0.21
62		97	485	489	2,972.07	7.98	130.00	78.16	0.50	0.49
63		101	481	485	2,279.44	7.98	130.00	107.20	0.69	0.67
64		113	473	469	2,522.05	7.98	130.00	59.82	0.38	0.25
65		117	469	465	2,644.74	7.98	130.00	42.16	0.27	0.14
66		121	465	593	1,363.13	7.98	130.00	-85.28	0.55	0.26
67		125	108	461	2,675.53	9.79	130.00	159.40	0.68	0.61
68		129	461	457	1,234.15	7.98	130.00	59.96	0.38	0.12

Phase 3 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	46.40	0.30	0.08
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	-31.89	0.20	0.08
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	30.98	0.20	0.03
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	-48.53	0.31	0.09
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	67.93	0.44	0.34
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	128.78	0.83	0.17
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	131.87	0.85	1.14
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	-16.64	0.11	0.02
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	-15.35	0.10	0.01
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	140.56	0.90	0.64
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	129.76	0.83	0.65
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	135.55	0.41	0.14
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	147.24	0.44	0.20
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	214.23	0.64	0.16
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	154.32	0.99	1.32
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	279.18	0.84	0.37
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	23.98	0.15	0.03
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	66.99	0.43	0.30
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	66.90	0.43	0.32
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	113.11	0.73	0.87
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	127.53	0.82	0.52
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	89.89	0.58	0.56
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	149.70	0.96	0.73
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	74.13	0.48	0.39
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	91.40	0.59	0.14
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	91.40	0.59	0.08
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	128.78	0.83	0.91
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	69.75	0.45	0.30
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	664.14	0.20	0.01
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-129.76	0.83	0.52
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	15.35	0.10	0.01
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	140.56	0.90	0.64
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	69.04	0.44	0.17
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-91.40	0.59	0.08
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	69.04	0.44	0.17
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	96.60	0.62	0.32
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	375.78	1.13	1.09
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	36.14	0.23	0.05
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	105.18	0.67	0.38
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	132.47	0.85	0.56
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	47.20	0.30	0.17
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.0000
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	183.11	0.05	0.000
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	183.11	0.05	0.000
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	49.16	0.32	0.18
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 4:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138		287	461	116	2,702.94	9.79	130.00	-125.32	0.53	0.39
139		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	2,243.60	0.66	0.07
2		16	112	116	2,648.78	37.29	125.00	1,805.86	0.53	0.09
3		20	116	120	2,632.40	37.29	125.00	1,449.74	0.43	0.06
4		24	120	124	2,664.16	37.29	125.00	1,010.60	0.30	0.03
5		32	128	132	2,630.80	37.29	125.00	289.59	0.09	0.00
6		36	132	136	2,587.05	37.29	125.00	183.11	0.05	0.00
7		48	144	560	970.26	31.07	125.00	183.11	0.08	0.00
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	-30.98	0.20	0.01
22		292	392	396	429.31	7.98	130.00	-30.98	0.20	0.01
23		296	396	400	612.83	7.98	130.00	-30.98	0.20	0.02
24		304	116	388	2,639.34	7.98	130.00	101.02	0.65	0.70
25		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
29		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30		452	560	536	151.48	7.98	130.00	163.11	1.05	0.10
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	69.75	0.45	0.05
36		548	648	601	1,316.13	7.98	130.00	48.53	0.31	0.09
37		616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38		628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39		632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41		676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
42		680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
43		684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
44		688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
45		692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
46		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51		342	309	305	1,312.75	37.29	125.00	3,406.61	1.00	0.14
52		350	305	301	2,497.41	37.29	125.00	2,978.13	0.87	0.21
53		354	301	108	2,656.30	37.29	125.00	2,675.43	0.79	0.18
54		13	616	112	1,305.41	37.29	125.00	2,243.60	0.66	0.06
55		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56		73	128	421	2,606.90	11.65	130.00	285.68	0.86	0.75
57		77	421	433	2,638.07	11.65	130.00	144.80	0.44	0.22
58		81	433	437	2,627.65	11.65	130.00	107.03	0.32	0.12
59		85	441	437	2,659.50	11.65	130.00	-52.13	0.16	0.03
60		89	505	441	2,531.20	7.98	130.00	-49.49	0.32	0.18
61		93	513	505	979.51	7.98	130.00	90.97	0.58	0.21
62		97	485	489	2,972.07	7.98	130.00	78.16	0.50	0.49
63		101	481	485	2,279.44	7.98	130.00	107.20	0.69	0.67
64		113	473	469	2,522.05	7.98	130.00	59.82	0.38	0.25
65		117	469	465	2,644.74	7.98	130.00	42.16	0.27	0.14
66		121	465	593	1,363.13	7.98	130.00	-85.28	0.55	0.26
67		125	108	461	2,675.53	9.79	130.00	159.40	0.68	0.61
68		129	461	457	1,234.15	7.98	130.00	59.96	0.38	0.12

















Phase 3 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		141	449	445	1,309.71	7.98	130.00	46.40	0.30	0.08
70		145	445	388	2,642.50	7.98	130.00	-31.89	0.20	0.08
71		149	501	400	1,134.29	7.98	130.00	30.98	0.20	0.03
72		153	501	601	1,333.42	7.98	130.00	-48.53	0.31	0.09
73		157	132	648	2,654.70	7.98	130.00	67.93	0.44	0.34
74		161	124	537	417.85	7.98	130.00	128.78	0.83	0.17
75		169	120	429	2,624.93	7.98	130.00	131.87	0.85	1.14
76		173	441	429	2,638.61	7.98	130.00	-16.64	0.11	0.02
77		177	429	549	1,360.38	7.98	130.00	-15.35	0.10	0.01
78		181	553	429	1,306.36	7.98	130.00	140.56	0.90	0.64
79		185	112	545	1,538.75	7.98	130.00	129.76	0.83	0.65
80		189	493	441	1,942.81	11.65	130.00	135.55	0.41	0.14
81		193	497	493	2,360.85	11.65	130.00	147.24	0.44	0.20
82		197	509	497	961.80	11.65	130.00	214.23	0.64	0.16
83		201	305	509	2,270.74	7.98	130.00	154.32	0.99	1.32
84		205	585	509	1,346.17	11.65	130.00	279.18	0.84	0.37
85		209	489	513	1,629.81	7.98	130.00	23.98	0.15	0.03
86		213	497	513	2,460.69	7.98	130.00	66.99	0.43	0.30
87		221	421	425	2,629.64	7.98	130.00	66.90	0.43	0.32
88		225	301	469	2,658.75	7.98	130.00	113.11	0.73	0.87
89		229	581	473	1,282.87	7.98	130.00	127.53	0.82	0.52
90		233	120	501	2,642.27	7.98	130.00	89.89	0.58	0.56
91		237	309	481	1,329.84	7.98	130.00	149.70	0.96	0.73
92		241	461	445	2,595.34	7.98	130.00	74.13	0.48	0.39
93		253	529	525	644.66	7.98	130.00	91.40	0.59	0.14
94		257	305	529	357.19	7.98	130.00	91.40	0.59	0.08
95		261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96		265	537	425	2,202.23	7.98	130.00	128.78	0.83	0.91
97		269	541	648	2,251.06	7.98	130.00	69.75	0.45	0.30
98		28	124	128	2,658.99	37.29	125.00	664.14	0.20	0.01
99		51	493	545	1,231.34	7.98	130.00	-129.76	0.83	0.52
100		55	425	549	1,301.55	7.98	130.00	15.35	0.10	0.01
101		59	112	553	1,319.39	7.98	130.00	140.56	0.90	0.64
102		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	69.04	0.44	0.17
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-91.40	0.59	0.08
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	69.04	0.44	0.17
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	96.60	0.62	0.32
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	375.78	1.13	1.09
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	36.14	0.23	0.05
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	105.18	0.67	0.38
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	132.47	0.85	0.56
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	47.20	0.30	0.17
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	183.11	0.05	0.000
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	183.11	0.05	0.000
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	49.16	0.32	0.18
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 5:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138		287	461	116	2,702.94	9.79	130.00	-125.32	0.53	0.39
139		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.0000
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	19.52	0.01	0.0000
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15	<input type="checkbox"/>	180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
22	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
23	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
24	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
25	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
29	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.0000
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.00
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.00
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.0000
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00

Phase 3 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.00
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.000	0.00
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.0000
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.000	0.00
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.0000
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.00
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.0000
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 6:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	7,070.21	2.08	0.55
2		16	112	116	2,648.78	37.29	125.00	6,858.35	2.01	1.02
3		20	116	120	2,632.40	37.29	125.00	7,059.36	2.07	1.07
4		24	120	124	2,664.16	37.29	125.00	7,145.52	2.10	1.11
5		32	128	132	2,630.80	37.29	125.00	7,533.06	2.21	1.21
6		36	132	136	2,587.05	37.29	125.00	7,717.88	2.27	1.24
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	6,133.76	4.03	2.92
12		136	232	528	287.76	24.95	125.00	5,616.40	3.69	0.54
13		140	236	240	492.63	24.95	125.00	5,616.40	3.69	0.93
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	126.76	0.81	0.19
22		292	392	396	429.31	7.98	130.00	126.76	0.81	0.17
23		296	396	400	612.83	7.98	130.00	126.76	0.81	0.25
24		304	116	388	2,639.34	7.98	130.00	13.99	0.09	0.02
25		376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26		380	480	472	663.65	24.95	125.00	-5,616.40	3.69	1.25
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	5,616.40	3.69	1.89
29		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
33		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
34		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77

Phase 3 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	544	124	541	400.02	7.98	130.00	46.30	0.30	0.02
36	■	548	648	601	1,316.13	7.98	130.00	-138.52	0.89	0.63
37	■	616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38	■	628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
39	■	632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
40	■	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	■	676	240	764	967.46	24.95	125.00	5,616.40	3.69	1.82
42	■	680	764	768	1,174.23	24.95	125.00	5,616.40	3.69	2.21
43	■	684	768	772	1,356.13	24.95	125.00	5,616.40	3.69	2.55
44	■	688	772	776	1,970.40	24.95	125.00	5,616.40	3.69	3.71
45	■	692	776	472	1,305.26	24.95	125.00	5,616.40	3.69	2.46
46	■	696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
47	■	270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
48	■	282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
49	■	302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
50	■	314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
51	■	342	309	305	1,312.75	37.29	125.00	7,507.19	2.21	0.60
52	■	350	305	301	2,497.41	37.29	125.00	7,294.43	2.14	1.08
53	■	354	301	108	2,656.30	37.29	125.00	7,292.45	2.14	1.15
54	■	13	616	112	1,305.41	37.29	125.00	7,070.21	2.08	0.53
55	■	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	■	73	128	421	2,606.90	11.65	130.00	-359.60	1.08	1.15
57	■	77	421	433	2,638.07	11.65	130.00	-289.19	0.87	0.78
58	■	81	433	437	2,627.65	11.65	130.00	-289.19	0.87	0.77
59	■	85	441	437	2,659.50	11.65	130.00	289.19	0.87	0.78
60	■	89	505	441	2,531.20	7.98	130.00	105.35	0.68	0.72
61	■	93	513	505	979.51	7.98	130.00	105.35	0.68	0.28
62	■	97	485	489	2,972.07	7.98	130.00	137.29	0.88	1.39
63	■	101	481	485	2,279.44	7.98	130.00	141.40	0.91	1.13
64	■	113	473	469	2,522.05	7.98	130.00	103.53	0.66	0.70
65	■	117	469	465	2,644.74	7.98	130.00	105.52	0.68	0.76
66	■	121	465	593	1,363.13	7.98	130.00	105.52	0.68	0.39
67	■	125	108	461	2,675.53	9.79	130.00	211.47	0.90	1.03
68	■	129	461	457	1,234.15	7.98	130.00	-59.63	0.38	0.12

Phase 3 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	56.66	0.36	0.12
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	112.76	0.72	0.86
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-126.75	0.81	0.46
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	138.52	0.89	0.63
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-184.82	1.19	2.15
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-74.24	0.48	0.06
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-97.93	0.63	0.66
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	93.32	0.60	0.60
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	144.65	0.93	0.70
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	149.25	0.96	0.71
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	62.60	0.40	0.17
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	277.17	0.83	0.53
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	214.57	0.65	0.40
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	653.02	1.97	1.28
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	189.42	1.22	1.93
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	463.60	1.40	0.95
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	137.29	0.88	0.76
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-31.94	0.20	0.08
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-70.41	0.45	0.36
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.99	0.01	0.000
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	103.53	0.66	0.36
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	11.77	0.08	0.01
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	115.17	0.74	0.45
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	56.10	0.36	0.23
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	23.33	0.15	0.01
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	23.33	0.15	0.01
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-74.24	0.48	0.33
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	46.30	0.30	0.14
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	7,173.46	2.11	1.11
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-62.60	0.40	0.13
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-144.65	0.93	0.67
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	149.25	0.96	0.72
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	26.23	0.17	0.03
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-23.33	0.15	0.01
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	26.23	0.17	0.03
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-4.11	0.03	0.000
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	459.49	1.38	1.58
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	80.20	0.51	0.23
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	106.43	0.68	0.39
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	10.77	0.07	0.01
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	116.29	0.75	0.90
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	6,133.76	4.03	2.62
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	7,717.88	2.27	0.63
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	6,133.76	4.03	3.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	6,133.76	4.03	2.74
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	6,133.76	4.03	4.20
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	7,717.88	2.27	0.64
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	56.66	0.36	0.24
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	6,133.76	4.03	3.65
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	6,133.76	4.03	3.34
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	6,133.76	4.03	3.30
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 7:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	215.00	0.92	1.07
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	■	12	108	616	1,345.35	37.29	125.00	7,070.18	2.08	0.55
2	■	16	112	116	2,648.78	37.29	125.00	6,858.39	2.01	1.02
3	■	20	116	120	2,632.40	37.29	125.00	7,059.39	2.07	1.07
4	■	24	120	124	2,664.16	37.29	125.00	7,145.54	2.10	1.11
5	■	32	128	132	2,630.80	37.29	125.00	7,533.06	2.21	1.21
6	■	36	132	136	2,587.05	37.29	125.00	7,717.88	2.27	1.24
7	■	48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8	■	52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9	■	56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10	■	60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11	■	76	144	176	1,315.87	24.95	125.00	6,133.76	4.03	2.92
12	■	136	232	528	287.76	24.95	125.00	5,616.40	3.69	0.54
13	■	140	236	240	492.63	24.95	125.00	5,616.40	3.69	0.93
14	■	144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15	■	180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16	■	184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
17	■	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18	■	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19	■	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20	■	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21	■	288	388	392	463.24	7.98	130.00	126.76	0.81	0.19
22	■	292	392	396	429.31	7.98	130.00	126.76	0.81	0.17
23	■	296	396	400	612.83	7.98	130.00	126.76	0.81	0.25
24	■	304	116	388	2,639.34	7.98	130.00	13.99	0.09	0.02
25	■	376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26	■	380	480	472	663.65	24.95	125.00	-5,616.40	3.69	1.25
27	■	384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28	■	436	528	236	1,003.15	24.95	125.00	5,616.40	3.69	1.89
29	■	448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
30	■	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31	■	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32	■	524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
33	■	532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
34	■	540	644	636	875.70	9.79	130.00	517.36	2.21	1.77

Phase 3 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	46.30	0.30	0.02
36		548	648	601	1,316.13	7.98	130.00	-138.52	0.89	0.63
37		616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38		628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
39		632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
40		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41		676	240	764	967.46	24.95	125.00	5,616.40	3.69	1.82
42		680	764	768	1,174.23	24.95	125.00	5,616.40	3.69	2.21
43		684	768	772	1,356.13	24.95	125.00	5,616.40	3.69	2.55
44		688	772	776	1,970.40	24.95	125.00	5,616.40	3.69	3.71
45		692	776	472	1,305.26	24.95	125.00	5,616.40	3.69	2.46
46		696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
47		270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
48		282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
49		302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
50		314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
51		342	309	305	1,312.75	37.29	125.00	7,507.17	2.21	0.60
52		350	305	301	2,497.41	37.29	125.00	7,294.40	2.14	1.08
53		354	301	108	2,656.30	37.29	125.00	7,292.41	2.14	1.15
54		13	616	112	1,305.41	37.29	125.00	7,070.18	2.08	0.53
55		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56		73	128	421	2,606.90	11.65	130.00	-359.59	1.08	1.15
57		77	421	433	2,638.07	11.65	130.00	-289.17	0.87	0.78
58		81	433	437	2,627.65	11.65	130.00	-289.17	0.87	0.77
59		85	441	437	2,659.50	11.65	130.00	289.17	0.87	0.78
60		89	505	441	2,531.20	7.98	130.00	105.35	0.68	0.72
61		93	513	505	979.51	7.98	130.00	105.35	0.68	0.28
62		97	485	489	2,972.07	7.98	130.00	137.30	0.88	1.39
63		101	481	485	2,279.44	7.98	130.00	141.41	0.91	1.13
64		113	473	469	2,522.05	7.98	130.00	103.53	0.66	0.70
65		117	469	465	2,644.74	7.98	130.00	105.52	0.68	0.76
66		121	465	593	1,363.13	7.98	130.00	105.52	0.68	0.39
67		125	108	461	2,675.53	9.79	130.00	211.47	0.90	1.03
68		129	461	457	1,234.15	7.98	130.00	-59.63	0.38	0.12

Phase 3 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	56.66	0.36	0.12
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	112.76	0.72	0.86
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-126.76	0.81	0.46
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	138.52	0.89	0.63
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-184.82	1.19	2.15
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-74.24	0.48	0.06
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-97.91	0.63	0.66
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	93.30	0.60	0.60
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	144.65	0.93	0.70
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	149.26	0.96	0.71
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	62.53	0.40	0.17
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	277.12	0.83	0.53
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	214.60	0.65	0.40
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	653.05	1.97	1.28
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	189.43	1.22	1.93
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	463.62	1.40	0.95
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	137.30	0.88	0.76
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-31.95	0.20	0.08
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-70.41	0.45	0.36
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.99	0.01	0.000
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	103.53	0.66	0.36
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	11.77	0.08	0.01
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	115.17	0.74	0.45
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	56.10	0.36	0.23
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	23.33	0.15	0.01
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	23.33	0.15	0.01
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-74.24	0.48	0.33
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	46.30	0.30	0.14
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	7,173.47	2.11	1.11
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-62.53	0.40	0.13
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-144.65	0.93	0.67
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	149.26	0.96	0.72
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	26.23	0.17	0.03
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-23.33	0.15	0.01
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	26.23	0.17	0.03
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-4.11	0.03	0.000
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	459.51	1.38	1.58
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	80.20	0.51	0.23
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	106.44	0.68	0.39
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	10.77	0.07	0.01
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	116.29	0.75	0.90
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	6,133.76	4.03	2.62
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	7,717.88	2.27	0.63
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	6,133.76	4.03	3.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	6,133.76	4.03	2.74
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	6,133.76	4.03	4.20
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	7,717.88	2.27	0.64
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	56.66	0.36	0.24
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	6,133.76	4.03	3.65
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	6,133.76	4.03	3.34
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	6,133.76	4.03	3.30
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 8:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	215.00	0.92	1.07
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	7,070.18	2.08	0.55
2		16	112	116	2,648.78	37.29	125.00	6,858.39	2.01	1.02
3		20	116	120	2,632.40	37.29	125.00	7,059.39	2.07	1.07
4		24	120	124	2,664.16	37.29	125.00	7,145.54	2.10	1.11
5		32	128	132	2,630.80	37.29	125.00	7,533.06	2.21	1.21
6		36	132	136	2,587.05	37.29	125.00	7,717.88	2.27	1.24
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	6,133.76	4.03	2.92
12		136	232	528	287.76	24.95	125.00	5,616.40	3.69	0.54
13		140	236	240	492.63	24.95	125.00	5,616.40	3.69	0.93
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	126.76	0.81	0.19
22		292	392	396	429.31	7.98	130.00	126.76	0.81	0.17
23		296	396	400	612.83	7.98	130.00	126.76	0.81	0.25
24		304	116	388	2,639.34	7.98	130.00	13.99	0.09	0.02
25		376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26		380	480	472	663.65	24.95	125.00	-5,616.40	3.69	1.25
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	5,616.40	3.69	1.89
29		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
33		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
34		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77

Phase 3 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	46.30	0.30	0.02
36		548	648	601	1,316.13	7.98	130.00	-138.52	0.89	0.63
37		616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38		628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
39		632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
40		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41		676	240	764	967.46	24.95	125.00	5,616.40	3.69	1.82
42		680	764	768	1,174.23	24.95	125.00	5,616.40	3.69	2.21
43		684	768	772	1,356.13	24.95	125.00	5,616.40	3.69	2.55
44		688	772	776	1,970.40	24.95	125.00	5,616.40	3.69	3.71
45		692	776	472	1,305.26	24.95	125.00	5,616.40	3.69	2.46
46		696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
47		270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
48		282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
49		302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
50		314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
51		342	309	305	1,312.75	37.29	125.00	7,507.16	2.21	0.60
52		350	305	301	2,497.41	37.29	125.00	7,294.40	2.14	1.08
53		354	301	108	2,656.30	37.29	125.00	7,292.41	2.14	1.15
54		13	616	112	1,305.41	37.29	125.00	7,070.18	2.08	0.53
55		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56		73	128	421	2,606.90	11.65	130.00	-359.59	1.08	1.15
57		77	421	433	2,638.07	11.65	130.00	-289.17	0.87	0.78
58		81	433	437	2,627.65	11.65	130.00	-289.17	0.87	0.77
59		85	441	437	2,659.50	11.65	130.00	289.17	0.87	0.78
60		89	505	441	2,531.20	7.98	130.00	105.35	0.68	0.72
61		93	513	505	979.51	7.98	130.00	105.35	0.68	0.28
62		97	485	489	2,972.07	7.98	130.00	137.30	0.88	1.39
63		101	481	485	2,279.44	7.98	130.00	141.41	0.91	1.13
64		113	473	469	2,522.05	7.98	130.00	103.53	0.66	0.70
65		117	469	465	2,644.74	7.98	130.00	105.52	0.68	0.76
66		121	465	593	1,363.13	7.98	130.00	105.52	0.68	0.39
67		125	108	461	2,675.53	9.79	130.00	211.47	0.90	1.03
68		129	461	457	1,234.15	7.98	130.00	-59.63	0.38	0.12

Phase 3 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		141	449	445	1,309.71	7.98	130.00	56.66	0.36	0.12
70		145	445	388	2,642.50	7.98	130.00	112.76	0.72	0.86
71		149	501	400	1,134.29	7.98	130.00	-126.76	0.81	0.46
72		153	501	601	1,333.42	7.98	130.00	138.52	0.89	0.63
73		157	132	648	2,654.70	7.98	130.00	-184.82	1.19	2.15
74		161	124	537	417.85	7.98	130.00	-74.23	0.48	0.06
75		169	120	429	2,624.93	7.98	130.00	-97.91	0.63	0.66
76		173	441	429	2,638.61	7.98	130.00	93.30	0.60	0.60
77		177	429	549	1,360.38	7.98	130.00	144.65	0.93	0.70
78		181	553	429	1,306.36	7.98	130.00	149.26	0.96	0.71
79		185	112	545	1,538.75	7.98	130.00	62.53	0.40	0.17
80		189	493	441	1,942.81	11.65	130.00	277.12	0.83	0.53
81		193	497	493	2,360.85	11.65	130.00	214.60	0.65	0.40
82		197	509	497	961.80	11.65	130.00	653.05	1.97	1.28
83		201	305	509	2,270.74	7.98	130.00	189.43	1.22	1.93
84		205	585	509	1,346.17	11.65	130.00	463.62	1.40	0.95
85		209	489	513	1,629.81	7.98	130.00	137.30	0.88	0.76
86		213	497	513	2,460.69	7.98	130.00	-31.95	0.20	0.08
87		221	421	425	2,629.64	7.98	130.00	-70.41	0.45	0.36
88		225	301	469	2,658.75	7.98	130.00	1.99	0.01	0.000
89		229	581	473	1,282.87	7.98	130.00	103.53	0.66	0.36
90		233	120	501	2,642.27	7.98	130.00	11.77	0.08	0.01
91		237	309	481	1,329.84	7.98	130.00	115.17	0.74	0.45
92		241	461	445	2,595.34	7.98	130.00	56.10	0.36	0.23
93		253	529	525	644.66	7.98	130.00	23.33	0.15	0.01
94		257	305	529	357.19	7.98	130.00	23.33	0.15	0.01
95		261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96		265	537	425	2,202.23	7.98	130.00	-74.23	0.48	0.33
97		269	541	648	2,251.06	7.98	130.00	46.30	0.30	0.14
98		28	124	128	2,658.99	37.29	125.00	7,173.47	2.11	1.11
99		51	493	545	1,231.34	7.98	130.00	-62.53	0.40	0.13
100		55	425	549	1,301.55	7.98	130.00	-144.65	0.93	0.67
101		59	112	553	1,319.39	7.98	130.00	149.26	0.96	0.72
102		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	26.23	0.17	0.03
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-23.33	0.15	0.01
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	26.23	0.17	0.03
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-4.11	0.03	0.000
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	459.51	1.38	1.58
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	80.20	0.51	0.23
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	106.44	0.68	0.39
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	10.77	0.07	0.01
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	116.29	0.75	0.90
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	6,133.76	4.03	2.62
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	7,717.88	2.27	0.63
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	6,133.76	4.03	3.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	6,133.76	4.03	2.74
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	6,133.76	4.03	4.20
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	7,717.88	2.27	0.64
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	56.66	0.36	0.24
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	6,133.76	4.03	3.65
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	6,133.76	4.03	3.34
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	6,133.76	4.03	3.30
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 9:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	215.00	0.92	1.07
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	7,070.18	2.08	0.55
2		16	112	116	2,648.78	37.29	125.00	6,858.39	2.01	1.02
3		20	116	120	2,632.40	37.29	125.00	7,059.39	2.07	1.07
4		24	120	124	2,664.16	37.29	125.00	7,145.54	2.10	1.11
5		32	128	132	2,630.80	37.29	125.00	7,533.06	2.21	1.21
6		36	132	136	2,587.05	37.29	125.00	7,717.88	2.27	1.24
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	6,133.76	4.03	2.92
12		136	232	528	287.76	24.95	125.00	5,616.40	3.69	0.54
13		140	236	240	492.63	24.95	125.00	5,616.40	3.69	0.93
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	126.76	0.81	0.19
22		292	392	396	429.31	7.98	130.00	126.76	0.81	0.17
23		296	396	400	612.83	7.98	130.00	126.76	0.81	0.25
24		304	116	388	2,639.34	7.98	130.00	13.99	0.09	0.02
25		376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26		380	480	472	663.65	24.95	125.00	-5,616.40	3.69	1.25
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	5,616.40	3.69	1.89
29		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
33		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
34		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77

Phase 3 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	46.30	0.30	0.02
36		548	648	601	1,316.13	7.98	130.00	-138.52	0.89	0.63
37		616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38		628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
39		632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
40		668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41		676	240	764	967.46	24.95	125.00	5,616.40	3.69	1.82
42		680	764	768	1,174.23	24.95	125.00	5,616.40	3.69	2.21
43		684	768	772	1,356.13	24.95	125.00	5,616.40	3.69	2.55
44		688	772	776	1,970.40	24.95	125.00	5,616.40	3.69	3.71
45		692	776	472	1,305.26	24.95	125.00	5,616.40	3.69	2.46
46		696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
47		270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
48		282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
49		302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
50		314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
51		342	309	305	1,312.75	37.29	125.00	7,507.17	2.21	0.60
52		350	305	301	2,497.41	37.29	125.00	7,294.40	2.14	1.08
53		354	301	108	2,656.30	37.29	125.00	7,292.41	2.14	1.15
54		13	616	112	1,305.41	37.29	125.00	7,070.18	2.08	0.53
55		41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56		73	128	421	2,606.90	11.65	130.00	-359.59	1.08	1.15
57		77	421	433	2,638.07	11.65	130.00	-289.17	0.87	0.78
58		81	433	437	2,627.65	11.65	130.00	-289.17	0.87	0.77
59		85	441	437	2,659.50	11.65	130.00	289.17	0.87	0.78
60		89	505	441	2,531.20	7.98	130.00	105.35	0.68	0.72
61		93	513	505	979.51	7.98	130.00	105.35	0.68	0.28
62		97	485	489	2,972.07	7.98	130.00	137.30	0.88	1.39
63		101	481	485	2,279.44	7.98	130.00	141.41	0.91	1.13
64		113	473	469	2,522.05	7.98	130.00	103.53	0.66	0.70
65		117	469	465	2,644.74	7.98	130.00	105.52	0.68	0.76
66		121	465	593	1,363.13	7.98	130.00	105.52	0.68	0.39
67		125	108	461	2,675.53	9.79	130.00	211.47	0.90	1.03
68		129	461	457	1,234.15	7.98	130.00	-59.63	0.38	0.12

















Phase 3 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	56.66	0.36	0.12
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	112.76	0.72	0.86
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-126.76	0.81	0.46
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	138.52	0.89	0.63
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-184.82	1.19	2.15
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-74.23	0.48	0.06
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-97.91	0.63	0.66
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	93.30	0.60	0.60
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	144.65	0.93	0.70
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	149.26	0.96	0.71
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	62.53	0.40	0.17
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	277.12	0.83	0.53
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	214.60	0.65	0.40
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	653.05	1.97	1.28
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	189.43	1.22	1.93
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	463.62	1.40	0.95
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	137.30	0.88	0.76
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-31.95	0.20	0.08
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-70.41	0.45	0.36
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.99	0.01	0.000
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	103.53	0.66	0.36
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	11.77	0.08	0.01
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	115.17	0.74	0.45
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	56.10	0.36	0.23
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	23.33	0.15	0.01
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	23.33	0.15	0.01
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-74.23	0.48	0.33
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	46.30	0.30	0.14
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	7,173.47	2.11	1.11
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-62.53	0.40	0.13
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-144.65	0.93	0.67
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	149.26	0.96	0.72
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	26.23	0.17	0.03
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-23.33	0.15	0.01
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	26.23	0.17	0.03
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-4.11	0.03	0.000
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	459.51	1.38	1.58
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	80.20	0.51	0.23
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	106.44	0.68	0.39
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	10.77	0.07	0.01
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	116.29	0.75	0.90
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	6,133.76	4.03	2.62
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.0000
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	7,717.88	2.27	0.63
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	6,133.76	4.03	3.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	6,133.76	4.03	2.74
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	6,133.76	4.03	4.20
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	7,717.88	2.27	0.64
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	56.66	0.36	0.24
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	6,133.76	4.03	3.65
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	6,133.76	4.03	3.34
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	6,133.76	4.03	3.30
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 10:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138		287	461	116	2,702.94	9.79	130.00	215.00	0.92	1.07
139		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	7,070.18	2.08	0.55
2		16	112	116	2,648.78	37.29	125.00	6,858.39	2.01	1.02
3		20	116	120	2,632.40	37.29	125.00	7,059.39	2.07	1.07
4		24	120	124	2,664.16	37.29	125.00	7,145.54	2.10	1.11
5		32	128	132	2,630.80	37.29	125.00	7,533.06	2.21	1.21
6		36	132	136	2,587.05	37.29	125.00	7,717.88	2.27	1.24
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	6,133.76	4.03	2.92
12		136	232	528	287.76	24.95	125.00	5,616.40	3.69	0.54
13		140	236	240	492.63	24.95	125.00	5,616.40	3.69	0.93
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	126.76	0.81	0.19
22		292	392	396	429.31	7.98	130.00	126.76	0.81	0.17
23		296	396	400	612.83	7.98	130.00	126.76	0.81	0.25
24		304	116	388	2,639.34	7.98	130.00	13.99	0.09	0.02
25		376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26		380	480	472	663.65	24.95	125.00	-5,616.40	3.69	1.25
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	5,616.40	3.69	1.89
29		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
33		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
34		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77

Phase 3 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	544	124	541	400.02	7.98	130.00	46.30	0.30	0.02
36	■	548	648	601	1,316.13	7.98	130.00	-138.52	0.89	0.63
37	■	616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38	■	628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
39	■	632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
40	■	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	■	676	240	764	967.46	24.95	125.00	5,616.40	3.69	1.82
42	■	680	764	768	1,174.23	24.95	125.00	5,616.40	3.69	2.21
43	■	684	768	772	1,356.13	24.95	125.00	5,616.40	3.69	2.55
44	■	688	772	776	1,970.40	24.95	125.00	5,616.40	3.69	3.71
45	■	692	776	472	1,305.26	24.95	125.00	5,616.40	3.69	2.46
46	■	696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
47	■	270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
48	■	282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
49	■	302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
50	■	314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
51	■	342	309	305	1,312.75	37.29	125.00	7,507.17	2.21	0.60
52	■	350	305	301	2,497.41	37.29	125.00	7,294.40	2.14	1.08
53	■	354	301	108	2,656.30	37.29	125.00	7,292.41	2.14	1.15
54	■	13	616	112	1,305.41	37.29	125.00	7,070.18	2.08	0.53
55	■	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	■	73	128	421	2,606.90	11.65	130.00	-359.59	1.08	1.15
57	■	77	421	433	2,638.07	11.65	130.00	-289.17	0.87	0.78
58	■	81	433	437	2,627.65	11.65	130.00	-289.17	0.87	0.77
59	■	85	441	437	2,659.50	11.65	130.00	289.17	0.87	0.78
60	■	89	505	441	2,531.20	7.98	130.00	105.35	0.68	0.72
61	■	93	513	505	979.51	7.98	130.00	105.35	0.68	0.28
62	■	97	485	489	2,972.07	7.98	130.00	137.30	0.88	1.39
63	■	101	481	485	2,279.44	7.98	130.00	141.41	0.91	1.13
64	■	113	473	469	2,522.05	7.98	130.00	103.53	0.66	0.70
65	■	117	469	465	2,644.74	7.98	130.00	105.52	0.68	0.76
66	■	121	465	593	1,363.13	7.98	130.00	105.52	0.68	0.39
67	■	125	108	461	2,675.53	9.79	130.00	211.47	0.90	1.03
68	■	129	461	457	1,234.15	7.98	130.00	-59.63	0.38	0.12

Phase 3 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		141	449	445	1,309.71	7.98	130.00	56.66	0.36	0.12
70		145	445	388	2,642.50	7.98	130.00	112.76	0.72	0.86
71		149	501	400	1,134.29	7.98	130.00	-126.76	0.81	0.46
72		153	501	601	1,333.42	7.98	130.00	138.52	0.89	0.63
73		157	132	648	2,654.70	7.98	130.00	-184.82	1.19	2.15
74		161	124	537	417.85	7.98	130.00	-74.24	0.48	0.06
75		169	120	429	2,624.93	7.98	130.00	-97.91	0.63	0.66
76		173	441	429	2,638.61	7.98	130.00	93.30	0.60	0.60
77		177	429	549	1,360.38	7.98	130.00	144.65	0.93	0.70
78		181	553	429	1,306.36	7.98	130.00	149.26	0.96	0.71
79		185	112	545	1,538.75	7.98	130.00	62.53	0.40	0.17
80		189	493	441	1,942.81	11.65	130.00	277.13	0.83	0.53
81		193	497	493	2,360.85	11.65	130.00	214.60	0.65	0.40
82		197	509	497	961.80	11.65	130.00	653.05	1.97	1.28
83		201	305	509	2,270.74	7.98	130.00	189.43	1.22	1.93
84		205	585	509	1,346.17	11.65	130.00	463.62	1.40	0.95
85		209	489	513	1,629.81	7.98	130.00	137.30	0.88	0.76
86		213	497	513	2,460.69	7.98	130.00	-31.95	0.20	0.08
87		221	421	425	2,629.64	7.98	130.00	-70.41	0.45	0.36
88		225	301	469	2,658.75	7.98	130.00	1.99	0.01	0.000
89		229	581	473	1,282.87	7.98	130.00	103.53	0.66	0.36
90		233	120	501	2,642.27	7.98	130.00	11.77	0.08	0.01
91		237	309	481	1,329.84	7.98	130.00	115.17	0.74	0.45
92		241	461	445	2,595.34	7.98	130.00	56.10	0.36	0.23
93		253	529	525	644.66	7.98	130.00	23.33	0.15	0.01
94		257	305	529	357.19	7.98	130.00	23.33	0.15	0.01
95		261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96		265	537	425	2,202.23	7.98	130.00	-74.24	0.48	0.33
97		269	541	648	2,251.06	7.98	130.00	46.30	0.30	0.14
98		28	124	128	2,658.99	37.29	125.00	7,173.47	2.11	1.11
99		51	493	545	1,231.34	7.98	130.00	-62.53	0.40	0.13
100		55	425	549	1,301.55	7.98	130.00	-144.65	0.93	0.67
101		59	112	553	1,319.39	7.98	130.00	149.26	0.96	0.72
102		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	26.23	0.17	0.03
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-23.33	0.15	0.01
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	26.23	0.17	0.03
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-4.11	0.03	0.000
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	459.51	1.38	1.58
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	80.20	0.51	0.23
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	106.44	0.68	0.39
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	10.77	0.07	0.01
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	116.29	0.75	0.90
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	6,133.76	4.03	2.62
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	7,717.88	2.27	0.63
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	6,133.76	4.03	3.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	6,133.76	4.03	2.74
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	6,133.76	4.03	4.20
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	7,717.88	2.27	0.64
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	56.66	0.36	0.24
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	6,133.76	4.03	3.65
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	6,133.76	4.03	3.34
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	6,133.76	4.03	3.30
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 11:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	215.00	0.92	1.07
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	7,070.18	2.08	0.55
2		16	112	116	2,648.78	37.29	125.00	6,858.39	2.01	1.02
3		20	116	120	2,632.40	37.29	125.00	7,059.39	2.07	1.07
4		24	120	124	2,664.16	37.29	125.00	7,145.54	2.10	1.11
5		32	128	132	2,630.80	37.29	125.00	7,533.06	2.21	1.21
6		36	132	136	2,587.05	37.29	125.00	7,717.88	2.27	1.24
7		48	144	560	970.26	31.07	125.00	1,584.12	0.67	0.06
8		52	148	152	1,692.36	31.07	125.00	1,584.12	0.67	0.11
9		56	152	156	859.54	31.07	125.00	1,008.72	0.43	0.02
10		60	156	160	418.07	31.07	125.00	434.32	0.18	0.00
11		76	144	176	1,315.87	24.95	125.00	6,133.76	4.03	2.92
12		136	232	528	287.76	24.95	125.00	5,616.40	3.69	0.54
13		140	236	240	492.63	24.95	125.00	5,616.40	3.69	0.93
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16		184	160	592	1,216.80	7.98	130.00	414.32	2.66	4.40
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	126.76	0.81	0.19
22		292	392	396	429.31	7.98	130.00	126.76	0.81	0.17
23		296	396	400	612.83	7.98	130.00	126.76	0.81	0.25
24		304	116	388	2,639.34	7.98	130.00	13.99	0.09	0.02
25		376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26		380	480	472	663.65	24.95	125.00	-5,616.40	3.69	1.25
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	5,616.40	3.69	1.89
29		448	560	148	1,668.69	31.07	125.00	1,584.12	0.67	0.10
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	414.32	2.66	3.60
33		532	232	644	988.66	9.79	130.00	517.36	2.21	1.99
34		540	644	636	875.70	9.79	130.00	517.36	2.21	1.77

Phase 3 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	46.30	0.30	0.02
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-138.52	0.89	0.63
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	258.68	1.10	0.33
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	258.68	1.10	0.64
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	5,616.40	3.69	1.82
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	5,616.40	3.69	2.21
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	5,616.40	3.69	2.55
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	5,616.40	3.69	3.71
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	5,616.40	3.69	2.46
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	432.40	2.77	3.76
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	207.16	1.33	0.69
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	216.20	1.39	1.10
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	258.68	1.66	2.36
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	414.32	2.66	15.50
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	7,507.17	2.21	0.60
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	7,294.40	2.14	1.08
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	7,292.41	2.14	1.15
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	7,070.18	2.08	0.53
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-359.59	1.08	1.15
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-289.17	0.87	0.78
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-289.17	0.87	0.77
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	289.17	0.87	0.78
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	105.35	0.68	0.72
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	105.35	0.68	0.28
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	137.30	0.88	1.39
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	141.41	0.91	1.13
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	103.53	0.66	0.70
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	105.52	0.68	0.76
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	105.52	0.68	0.39
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	211.47	0.90	1.03
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-59.63	0.38	0.12

Phase 3 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	56.66	0.36	0.12
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	112.76	0.72	0.86
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-126.76	0.81	0.46
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	138.52	0.89	0.63
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-184.82	1.19	2.15
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-74.23	0.48	0.06
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-97.91	0.63	0.66
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	93.30	0.60	0.60
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	144.65	0.93	0.70
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	149.26	0.96	0.71
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	62.53	0.40	0.17
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	277.13	0.83	0.53
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	214.60	0.65	0.40
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	653.05	1.97	1.28
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	189.43	1.22	1.93
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	463.62	1.40	0.95
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	137.30	0.88	0.76
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-31.95	0.20	0.08
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-70.41	0.45	0.36
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.99	0.01	0.000
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	103.53	0.66	0.36
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	11.77	0.08	0.01
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	115.17	0.74	0.45
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	56.10	0.36	0.23
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	23.33	0.15	0.01
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	23.33	0.15	0.01
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-74.23	0.48	0.33
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	46.30	0.30	0.14
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	7,173.47	2.11	1.11
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-62.53	0.40	0.13
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-144.65	0.93	0.67
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	149.26	0.96	0.72
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	26.23	0.17	0.03
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-23.33	0.15	0.01
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	26.23	0.17	0.03
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-4.11	0.03	0.000
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	459.51	1.38	1.58
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	80.20	0.51	0.23
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	106.44	0.68	0.39
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	10.77	0.07	0.01
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	116.29	0.75	0.90
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	6,133.76	4.03	2.62
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	7,717.88	2.27	0.63
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	6,133.76	4.03	3.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	6,133.76	4.03	2.74
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	6,133.76	4.03	4.20
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	7,717.88	2.27	0.64
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	56.66	0.36	0.24
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	6,133.76	4.03	3.65
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	6,133.76	4.03	3.34
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	6,133.76	4.03	3.30
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 12:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	215.00	0.92	1.07
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	4,840.86	1.42	0.27
2		16	112	116	2,648.78	37.29	125.00	4,653.11	1.37	0.50
3		20	116	120	2,632.40	37.29	125.00	4,790.49	1.41	0.52
4		24	120	124	2,664.16	37.29	125.00	4,838.35	1.42	0.54
5		32	128	132	2,630.80	37.29	125.00	5,079.16	1.49	0.58
6		36	132	136	2,587.05	37.29	125.00	5,204.00	1.53	0.60
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	5,184.00	3.40	2.14
12		136	232	528	287.76	24.95	125.00	5,184.00	3.40	0.47
13		140	236	240	492.63	24.95	125.00	5,184.00	3.40	0.80
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	86.03	0.55	0.09
22		292	392	396	429.31	7.98	130.00	86.03	0.55	0.08
23		296	396	400	612.83	7.98	130.00	86.03	0.55	0.12
24		304	116	388	2,639.34	7.98	130.00	9.19	0.06	0.01
25		376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26		380	480	472	663.65	24.95	125.00	-5,184.00	3.40	1.08
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	5,184.00	3.40	1.63
29		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	544	124	541	400.02	7.98	130.00	31.11	0.20	0.01
36	■	548	648	601	1,316.13	7.98	130.00	-93.73	0.60	0.30
37	■	616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38	■	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	■	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	■	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	■	676	240	764	967.46	24.95	125.00	5,184.00	3.40	1.57
42	■	680	764	768	1,174.23	24.95	125.00	5,184.00	3.40	1.91
43	■	684	768	772	1,356.13	24.95	125.00	5,184.00	3.40	2.20
44	■	688	772	776	1,970.40	24.95	125.00	5,184.00	3.40	3.20
45	■	692	776	472	1,305.26	24.95	125.00	5,184.00	3.40	2.12
46	■	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	■	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	■	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	■	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	■	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	■	342	309	305	1,312.75	37.29	125.00	5,161.70	1.52	0.30
52	■	350	305	301	2,497.41	37.29	125.00	4,993.64	1.47	0.53
53	■	354	301	108	2,656.30	37.29	125.00	4,992.05	1.47	0.57
54	■	13	616	112	1,305.41	37.29	125.00	4,840.86	1.42	0.26
55	■	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	■	73	128	421	2,606.90	11.65	130.00	-228.14	0.69	0.49
57	■	77	421	433	2,638.07	11.65	130.00	-177.71	0.53	0.31
58	■	81	433	437	2,627.65	11.65	130.00	-177.71	0.53	0.31
59	■	85	441	437	2,659.50	11.65	130.00	177.71	0.53	0.32
60	■	89	505	441	2,531.20	7.98	130.00	61.60	0.40	0.27
61	■	93	513	505	979.51	7.98	130.00	61.60	0.40	0.10
62	■	97	485	489	2,972.07	7.98	130.00	103.02	0.66	0.82
63	■	101	481	485	2,279.44	7.98	130.00	109.23	0.70	0.70
64	■	113	473	469	2,522.05	7.98	130.00	70.63	0.45	0.34
65	■	117	469	465	2,644.74	7.98	130.00	72.22	0.46	0.38
66	■	121	465	593	1,363.13	7.98	130.00	72.22	0.46	0.19
67	■	125	108	461	2,675.53	9.79	130.00	144.13	0.61	0.51
68	■	129	461	457	1,234.15	7.98	130.00	-40.66	0.26	0.06

Phase 3 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	38.62	0.25	0.06
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	76.83	0.49	0.42
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-86.03	0.55	0.22
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	93.73	0.60	0.31
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-124.84	0.80	1.04
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-43.78	0.28	0.02
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-55.56	0.36	0.23
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	41.61	0.27	0.13
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	94.21	0.60	0.32
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	108.17	0.69	0.39
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	79.59	0.51	0.26
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	157.72	0.47	0.19
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	78.14	0.24	0.06
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	507.11	1.53	0.80
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	149.66	0.96	1.25
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	357.45	1.08	0.59
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	103.02	0.66	0.45
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-41.43	0.27	0.12
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-50.43	0.32	0.19
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.59	0.01	0.000
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	70.63	0.45	0.18
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	7.71	0.05	0.01
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	85.42	0.55	0.26
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	38.22	0.25	0.11
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	18.39	0.12	0.01
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	18.39	0.12	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-43.78	0.28	0.12
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	31.11	0.20	0.07
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	4,851.02	1.43	0.54
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-79.59	0.51	0.21
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-94.21	0.60	0.30
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	108.17	0.69	0.40
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	23.81	0.15	0.02
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-18.39	0.12	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	23.81	0.15	0.02
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-6.21	0.04	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	351.24	1.06	0.96
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	52.24	0.34	0.10
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	76.04	0.49	0.21
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	7.06	0.05	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	79.27	0.51	0.44
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	5,184.00	3.40	1.92
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.0000
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	5,204.00	1.53	0.30
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	5,184.00	3.40	2.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	5,184.00	3.40	2.01
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	5,184.00	3.40	3.08
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	5,204.00	1.53	0.31
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	38.62	0.25	0.12
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	5,184.00	3.40	2.68
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	5,184.00	3.40	2.45
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	5,184.00	3.40	2.42
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 13:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	146.57	0.62	0.53
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	4,840.86	1.42	0.27
2		16	112	116	2,648.78	37.29	125.00	4,653.25	1.37	0.50
3		20	116	120	2,632.40	37.29	125.00	4,790.63	1.41	0.52
4		24	120	124	2,664.16	37.29	125.00	4,838.39	1.42	0.54
5		32	128	132	2,630.80	37.29	125.00	5,079.16	1.49	0.58
6		36	132	136	2,587.05	37.29	125.00	5,204.00	1.53	0.60
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	5,184.00	3.40	2.14
12		136	232	528	287.76	24.95	125.00	5,184.00	3.40	0.47
13		140	236	240	492.63	24.95	125.00	5,184.00	3.40	0.80
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	86.03	0.55	0.09
22		292	392	396	429.31	7.98	130.00	86.03	0.55	0.08
23		296	396	400	612.83	7.98	130.00	86.03	0.55	0.12
24		304	116	388	2,639.34	7.98	130.00	9.19	0.06	0.01
25		376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26		380	480	472	663.65	24.95	125.00	-5,184.00	3.40	1.08
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	5,184.00	3.40	1.63
29		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	31.11	0.20	0.01
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-93.73	0.60	0.30
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	5,184.00	3.40	1.57
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	5,184.00	3.40	1.91
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	5,184.00	3.40	2.20
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	5,184.00	3.40	3.20
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	5,184.00	3.40	2.12
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	5,161.70	1.52	0.30
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	4,993.65	1.47	0.53
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	4,992.06	1.47	0.57
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	4,840.86	1.42	0.26
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-228.12	0.69	0.49
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-177.69	0.53	0.31
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-177.69	0.53	0.31
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	177.69	0.53	0.32
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	61.60	0.40	0.27
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	61.60	0.40	0.10
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	103.01	0.66	0.82
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	109.23	0.70	0.70
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	70.63	0.45	0.34
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	72.22	0.46	0.38
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	72.22	0.46	0.19
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	144.13	0.61	0.51
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-40.66	0.26	0.06

Phase 3 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	38.62	0.25	0.06
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	76.83	0.49	0.42
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-86.03	0.55	0.22
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	93.73	0.60	0.31
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-124.84	0.80	1.04
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-43.76	0.28	0.02
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-55.47	0.36	0.23
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	41.46	0.27	0.13
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	94.19	0.60	0.32
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	108.20	0.69	0.39
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	79.42	0.51	0.26
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	157.55	0.47	0.19
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	78.13	0.24	0.06
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	507.12	1.53	0.80
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	149.66	0.96	1.25
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	357.45	1.08	0.59
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	103.01	0.66	0.45
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-41.41	0.27	0.13
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-50.43	0.32	0.19
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.59	0.01	0.000
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	70.63	0.45	0.18
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	7.71	0.05	0.01
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	85.42	0.55	0.26
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	38.22	0.25	0.11
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	18.39	0.12	0.01
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	18.39	0.12	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-43.76	0.28	0.12
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	31.11	0.20	0.07
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	4,851.04	1.43	0.54
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-79.42	0.51	0.21
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-94.19	0.60	0.30
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	108.20	0.69	0.40
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	23.81	0.15	0.02
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-18.39	0.12	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	23.81	0.15	0.02
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-6.21	0.04	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	351.24	1.06	0.96
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	52.24	0.34	0.10
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	76.04	0.49	0.21
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	7.06	0.05	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	79.28	0.51	0.44
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	5,184.00	3.40	1.91
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.0000
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.0000
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	5,204.00	1.53	0.30
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	5,184.00	3.40	2.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	5,184.00	3.40	2.01
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	5,184.00	3.40	3.08
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	5,204.00	1.53	0.31
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	38.62	0.25	0.12
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	5,184.00	3.40	2.68
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	5,184.00	3.40	2.45
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	5,184.00	3.40	2.42
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 14:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	146.58	0.62	0.53
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	4,840.86	1.42	0.27
2		16	112	116	2,648.78	37.29	125.00	4,653.25	1.37	0.50
3		20	116	120	2,632.40	37.29	125.00	4,790.63	1.41	0.52
4		24	120	124	2,664.16	37.29	125.00	4,838.39	1.42	0.54
5		32	128	132	2,630.80	37.29	125.00	5,079.16	1.49	0.58
6		36	132	136	2,587.05	37.29	125.00	5,204.00	1.53	0.60
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.00
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.0000
11		76	144	176	1,315.87	24.95	125.00	5,184.00	3.40	2.14
12		136	232	528	287.76	24.95	125.00	5,184.00	3.40	0.47
13		140	236	240	492.63	24.95	125.00	5,184.00	3.40	0.80
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	86.03	0.55	0.09
22		292	392	396	429.31	7.98	130.00	86.03	0.55	0.08
23		296	396	400	612.83	7.98	130.00	86.03	0.55	0.12
24		304	116	388	2,639.34	7.98	130.00	9.19	0.06	0.01
25		376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26		380	480	472	663.65	24.95	125.00	-5,184.00	3.40	1.08
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	5,184.00	3.40	1.63
29		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	31.11	0.20	0.01
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-93.73	0.60	0.30
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	5,184.00	3.40	1.57
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	5,184.00	3.40	1.91
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	5,184.00	3.40	2.20
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	5,184.00	3.40	3.20
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	5,184.00	3.40	2.12
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	5,161.70	1.52	0.30
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	4,993.65	1.47	0.53
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	4,992.06	1.47	0.57
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	4,840.86	1.42	0.26
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-228.12	0.69	0.49
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-177.69	0.53	0.31
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-177.69	0.53	0.31
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	177.69	0.53	0.32
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	61.60	0.40	0.27
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	61.60	0.40	0.10
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	103.01	0.66	0.82
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	109.23	0.70	0.70
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	70.63	0.45	0.34
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	72.22	0.46	0.38
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	72.22	0.46	0.19
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	144.13	0.61	0.51
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-40.66	0.26	0.06

Phase 3 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	38.62	0.25	0.06
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	76.83	0.49	0.42
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-86.03	0.55	0.22
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	93.73	0.60	0.31
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-124.84	0.80	1.04
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-43.76	0.28	0.02
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-55.47	0.36	0.23
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	41.46	0.27	0.13
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	94.19	0.60	0.32
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	108.20	0.69	0.39
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	79.42	0.51	0.26
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	157.55	0.47	0.19
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	78.13	0.24	0.06
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	507.12	1.53	0.80
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	149.67	0.96	1.25
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	357.45	1.08	0.59
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	103.01	0.66	0.45
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-41.41	0.27	0.13
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-50.43	0.32	0.19
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.59	0.01	0.000
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	70.63	0.45	0.18
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	7.71	0.05	0.01
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	85.42	0.55	0.26
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	38.22	0.25	0.11
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	18.39	0.12	0.01
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	18.39	0.12	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-43.76	0.28	0.12
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	31.11	0.20	0.07
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	4,851.04	1.43	0.54
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-79.42	0.51	0.21
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-94.19	0.60	0.30
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	108.20	0.69	0.40
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	23.81	0.15	0.02
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-18.39	0.12	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	23.81	0.15	0.02
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-6.21	0.04	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	351.24	1.06	0.96
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	52.24	0.34	0.10
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	76.04	0.49	0.21
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	7.06	0.05	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	79.28	0.51	0.44
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	5,184.00	3.40	1.91
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	5,204.00	1.53	0.30
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	5,184.00	3.40	2.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	5,184.00	3.40	2.01
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	5,184.00	3.40	3.08
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	5,204.00	1.53	0.31
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	38.62	0.25	0.12
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	5,184.00	3.40	2.68
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	5,184.00	3.40	2.45
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	5,184.00	3.40	2.42
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 15:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	146.58	0.62	0.53
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	4,840.86	1.42	0.27
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	4,653.25	1.37	0.50
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	4,790.63	1.41	0.52
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	4,838.39	1.42	0.54
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	5,079.16	1.49	0.58
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	5,204.00	1.53	0.60
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	5,184.00	3.40	2.14
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	5,184.00	3.40	0.47
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	5,184.00	3.40	0.80
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15	<input type="checkbox"/>	180	276	280	2,668.32	24.95	125.00	5,184.00	3.40	4.33
16	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	86.03	0.55	0.09
22	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	86.03	0.55	0.08
23	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	86.03	0.55	0.12
24	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	9.19	0.06	0.01
25	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	5,184.00	3.40	2.09
26	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	-5,184.00	3.40	1.08
27	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	5,184.00	3.40	1.63
29	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	31.11	0.20	0.01
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-93.73	0.60	0.30
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	5,184.00	3.40	2.25
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	5,184.00	3.40	1.57
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	5,184.00	3.40	1.91
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	5,184.00	3.40	2.20
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	5,184.00	3.40	3.20
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	5,184.00	3.40	2.12
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	5,161.70	1.52	0.30
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	4,993.65	1.47	0.53
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	4,992.06	1.47	0.57
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	4,840.86	1.42	0.26
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-228.12	0.69	0.49
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-177.69	0.53	0.31
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-177.69	0.53	0.31
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	177.69	0.53	0.32
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	61.60	0.40	0.27
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	61.60	0.40	0.10
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	103.01	0.66	0.82
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	109.23	0.70	0.70
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	70.63	0.45	0.34
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	72.22	0.46	0.38
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	72.22	0.46	0.19
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	144.13	0.61	0.51
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-40.66	0.26	0.06

Phase 3 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	38.62	0.25	0.06
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	76.83	0.49	0.42
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-86.03	0.55	0.22
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	93.73	0.60	0.31
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-124.84	0.80	1.04
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-43.76	0.28	0.02
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-55.47	0.36	0.23
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	41.46	0.27	0.13
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	94.19	0.60	0.32
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	108.20	0.69	0.39
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	79.42	0.51	0.26
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	157.55	0.47	0.19
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	78.13	0.24	0.06
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	507.12	1.53	0.80
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	149.67	0.96	1.25
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	357.45	1.08	0.59
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	103.01	0.66	0.45
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	-41.41	0.27	0.13
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-50.43	0.32	0.19
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	1.59	0.01	0.000
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	70.63	0.45	0.18
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	7.71	0.05	0.01
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	85.42	0.55	0.26
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	38.22	0.25	0.11
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	18.39	0.12	0.01
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	18.39	0.12	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-43.76	0.28	0.12
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	31.11	0.20	0.07
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	4,851.04	1.43	0.54
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	-79.42	0.51	0.21
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-94.19	0.60	0.30
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	108.20	0.69	0.40
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	23.81	0.15	0.02
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-18.39	0.12	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	23.81	0.15	0.02
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	-6.21	0.04	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	351.24	1.06	0.96
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	52.24	0.34	0.10
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	76.04	0.49	0.21
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	7.06	0.05	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	79.28	0.51	0.44
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	5,184.00	3.40	1.91
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	5,204.00	1.53	0.30
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	5,184.00	3.40	2.73
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	5,184.00	3.40	2.01
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	5,184.00	3.40	3.08
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	5,204.00	1.53	0.31
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	38.62	0.25	0.12
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	5,184.00	3.40	2.68
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	5,184.00	3.40	2.45
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	5,184.00	3.40	2.42
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 16:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	146.58	0.62	0.53
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4		24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.53	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
22		292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
23		296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
24		304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
25		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
29		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.0000
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.00
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.00
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	0.37	0.00	0.0000
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00

Phase 3 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.00
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.00
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.000	0.00
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.00
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.00
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.000	0.00
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.00
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.0000
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.0000
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.0000
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 17:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	19.52	0.01	0.0000
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15	<input type="checkbox"/>	180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
22	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
23	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
24	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
25	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
29	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.0000
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.00
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.00
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	0.37	0.00	0.0000
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00

















Phase 3 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.00
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.00
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.000	0.00
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.00
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.00
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.000	0.00
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.00
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.0000
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.0000
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.0000
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 18:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138		287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000
139		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	19.53	0.01	0.0000
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15	<input type="checkbox"/>	180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
22	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
23	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
24	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
25	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
29	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.00
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	0.37	0.00	0.0000
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00

Phase 3 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.000	0.00
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.00
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.000	0.00
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.00
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.0000
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 19:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1		12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2		16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3		20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4		24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5		32	128	132	2,630.80	37.29	125.00	19.53	0.01	0.0000
6		36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7		48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8		52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9		56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10		60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11		76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12		136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13		140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14		144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15		180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16		184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17		228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18		232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19		240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20		244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21		288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
22		292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
23		296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
24		304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
25		376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26		380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27		384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28		436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
29		448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30		452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31		492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32		524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33		532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34		540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	0.84	0.00	0.0000
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00

Phase 3 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69		141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
70		145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000
71		149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
72		153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
73		157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
74		161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
75		169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
76		173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
77		177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
78		181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
79		185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
80		189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
81		193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
82		197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
83		201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
84		205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
85		209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
86		213	497	513	2,460.69	7.98	130.00	0.11	0.000	0.00
87		221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.00
88		225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
89		229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
90		233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
91		237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
92		241	461	445	2,595.34	7.98	130.00	0.14	0.000	0.00
93		253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
94		257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
95		261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96		265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.00
97		269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
98		28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
99		51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
100		55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.0000
101		59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
102		67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 20:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	17.78	0.01	0.00
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	17.65	0.01	0.0000
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	18.16	0.01	0.00
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	18.42	0.01	0.0000
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	19.52	0.01	0.0000
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	20.00	0.01	0.0000
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	20.00	0.01	0.0000
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	20.00	0.01	0.0000
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	20.00	0.01	0.0000
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	20.00	0.01	0.00
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	0.00	0.00	0.00
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	0.00	0.00	0.00
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	0.00	0.00	0.00
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	0.00	0.00	0.00
15	<input type="checkbox"/>	180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	10.00	0.02	0.000
18	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	10.00	0.02	0.000
19	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	10.00	0.02	0.000
20	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	10.00	0.02	0.000
21	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	0.33	0.00	0.00
22	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	0.33	0.00	0.00
23	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	0.33	0.00	0.00
24	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	0.00	0.00	0.00
25	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	0.00	0.00	0.00
28	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	0.00	0.00	0.00
29	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	20.00	0.01	0.0000
30	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	0.00	0.00	0.00
31	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	0.00	0.00	0.00
32	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	0.00	0.00	0.00
34	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	<input type="checkbox"/>	544	124	541	400.02	7.98	130.00	0.12	0.000	0.00
36	<input type="checkbox"/>	548	648	601	1,316.13	7.98	130.00	-0.36	0.00	0.00
37	<input type="checkbox"/>	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	<input type="checkbox"/>	628	636	728	597.05	9.79	130.00	0.00	0.00	0.00
39	<input type="checkbox"/>	632	728	732	1,139.76	9.79	130.00	0.00	0.00	0.00
40	<input type="checkbox"/>	668	732	760	995.88	7.98	130.00	0.00	0.00	0.00
41	<input type="checkbox"/>	676	240	764	967.46	24.95	125.00	0.00	0.00	0.00
42	<input type="checkbox"/>	680	764	768	1,174.23	24.95	125.00	0.00	0.00	0.00
43	<input type="checkbox"/>	684	768	772	1,356.13	24.95	125.00	0.00	0.00	0.00
44	<input type="checkbox"/>	688	772	776	1,970.40	24.95	125.00	0.00	0.00	0.00
45	<input type="checkbox"/>	692	776	472	1,305.26	24.95	125.00	0.00	0.00	0.00
46	<input type="checkbox"/>	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	<input type="checkbox"/>	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	<input type="checkbox"/>	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	<input type="checkbox"/>	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	<input type="checkbox"/>	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	<input type="checkbox"/>	342	309	305	1,312.75	37.29	125.00	18.69	0.01	0.00
52	<input type="checkbox"/>	350	305	301	2,497.41	37.29	125.00	18.35	0.01	0.0000
53	<input type="checkbox"/>	354	301	108	2,656.30	37.29	125.00	18.35	0.01	0.0000
54	<input type="checkbox"/>	13	616	112	1,305.41	37.29	125.00	17.78	0.01	0.00
55	<input type="checkbox"/>	41	385	596	673.16	7.98	130.00	0.00	0.00	0.00
56	<input type="checkbox"/>	73	128	421	2,606.90	11.65	130.00	-1.00	0.00	0.00
57	<input type="checkbox"/>	77	421	433	2,638.07	11.65	130.00	-0.83	0.00	0.0000
58	<input type="checkbox"/>	81	433	437	2,627.65	11.65	130.00	-0.83	0.00	0.00
59	<input type="checkbox"/>	85	441	437	2,659.50	11.65	130.00	0.83	0.00	0.0000
60	<input type="checkbox"/>	89	505	441	2,531.20	7.98	130.00	0.37	0.00	0.0000
61	<input type="checkbox"/>	93	513	505	979.51	7.98	130.00	0.37	0.00	0.00
62	<input type="checkbox"/>	97	485	489	2,972.07	7.98	130.00	0.26	0.00	0.00
63	<input type="checkbox"/>	101	481	485	2,279.44	7.98	130.00	0.25	0.00	0.0000
64	<input type="checkbox"/>	113	473	469	2,522.05	7.98	130.00	0.26	0.00	0.00
65	<input type="checkbox"/>	117	469	465	2,644.74	7.98	130.00	0.27	0.00	0.00
66	<input type="checkbox"/>	121	465	593	1,363.13	7.98	130.00	0.27	0.00	0.0000
67	<input type="checkbox"/>	125	108	461	2,675.53	9.79	130.00	0.54	0.00	0.00
68	<input type="checkbox"/>	129	461	457	1,234.15	7.98	130.00	-0.15	0.000	0.00

















Phase 3 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	0.14	0.000	0.00
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	0.29	0.00	0.0000
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	-0.33	0.00	0.00
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	0.36	0.00	0.0000
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	-0.48	0.00	0.0000
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	-0.22	0.00	0.00
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	-0.30	0.00	0.00
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	0.33	0.00	0.0000
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	0.39	0.00	0.00
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	0.35	0.00	0.0000
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	-0.22	0.00	0.00
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	0.80	0.00	0.00
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	1.02	0.00	0.0000
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	1.13	0.00	0.00
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	0.30	0.00	0.0000
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	0.83	0.00	0.00
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	0.26	0.00	0.00
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	0.11	0.000	0.00
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	-0.17	0.00	0.0000
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	0.00	0.00	0.00
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	0.26	0.00	0.0000
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	0.00	0.00	0.00
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	0.24	0.00	0.00
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	0.14	0.000	0.00
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	0.00	0.00	0.00
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	0.00	0.00	0.00
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	0.00	0.00	0.00
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	-0.22	0.00	0.0000
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	0.12	0.000	0.00
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	18.52	0.01	0.00
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	0.22	0.00	0.00
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	-0.39	0.00	0.00
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	0.35	0.00	0.00
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.0000

Phase 3 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.0000
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	0.00	0.00	0.00
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	0.00	0.00	0.00
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	0.00	0.00	0.00
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	0.00	0.00	0.00
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	0.84	0.00	0.0000
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	0.23	0.00	0.00
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	0.24	0.00	0.00
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	0.00	0.00	0.00
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	0.30	0.00	0.00
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	0.00	0.00	0.00
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	0.00	0.00	0.00
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	0.00	0.00	0.00
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	0.00	0.00	0.00
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	20.00	0.01	0.00
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	0.00	0.00	0.00
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	0.00	0.00	0.00
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	0.00	0.00	0.00
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	20.00	0.01	0.00
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	0.14	0.000	0.00
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	20.00	0.01	0.0000
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.00
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.0000
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	10.00	0.02	0.000
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	0.00	0.00	0.00
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	0.00	0.00	0.00
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	0.00	0.00	0.00
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 21:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138		287	461	116	2,702.94	9.79	130.00	0.55	0.00	0.0000
139		307	713	709	403.48	9.79	130.00	0.00	0.00	0.00
140		311	709	705	611.58	9.79	130.00	0.00	0.00	0.00
141		319	701	697	1,692.26	9.79	130.00	0.00	0.00	0.00
142		391	761	693	664.15	9.79	130.00	0.00	0.00	0.00
143		411	753	681	694.40	11.65	130.00	0.00	0.00	0.00
144		415	717	757	639.38	9.79	130.00	0.00	0.00	0.00
145		419	757	741	1,033.11	9.79	130.00	0.00	0.00	0.00
146		303	717	713	686.37	9.79	130.00	0.00	0.00	0.00
147		315	705	701	822.74	9.79	130.00	0.00	0.00	0.00
148		363	693	697	811.24	9.79	130.00	0.00	0.00	0.00
149		371	681	717	778.76	11.65	130.00	0.00	0.00	0.00
150		407	677	753	1,085.06	11.65	130.00	0.00	0.00	0.00
151		235	665	677	964.00	13.50	130.00	0.00	0.00	0.00
152		431	741	761	338.57	9.79	130.00	0.00	0.00	0.00

Phase 3 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	■	12	108	616	1,345.35	37.29	125.00	5,968.18	1.75	0.40
2	■	16	112	116	2,648.78	37.29	125.00	4,026.28	1.18	0.38
3	■	20	116	120	2,632.40	37.29	125.00	3,590.15	1.05	0.31
4	■	24	120	124	2,664.16	37.29	125.00	3,015.91	0.89	0.22
5	■	32	128	132	2,630.80	37.29	125.00	1,897.63	0.56	0.09
6	■	36	132	136	2,587.05	37.29	125.00	1,731.75	0.51	0.08
7	■	48	144	560	970.26	31.07	125.00	581.42	0.25	0.01
8	■	52	148	152	1,692.36	31.07	125.00	419.05	0.18	0.01
9	■	56	152	156	859.54	31.07	125.00	419.05	0.18	0.00
10	■	60	156	160	418.07	31.07	125.00	419.05	0.18	0.00
11	■	76	144	176	1,315.87	24.95	125.00	1,150.33	0.75	0.13
12	■	136	232	528	287.76	24.95	125.00	261.54	0.17	0.00
13	■	140	236	240	492.63	24.95	125.00	256.30	0.17	0.00
14	■	144	240	244	697.16	7.98	130.00	76.86	0.49	0.11
15	■	180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16	■	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	■	228	168	328	2,633.61	13.50	130.00	200.03	0.45	0.19
18	■	232	328	332	1,371.33	13.50	130.00	200.03	0.45	0.10
19	■	240	336	340	713.16	13.50	130.00	167.11	0.37	0.04
20	■	244	340	344	498.98	13.50	130.00	167.11	0.37	0.03
21	■	288	388	392	463.24	7.98	130.00	193.62	1.24	0.41
22	■	292	392	396	429.31	7.98	130.00	42.89	0.28	0.02
23	■	296	396	400	612.83	7.98	130.00	-8.56	0.05	0.00
24	■	304	116	388	2,639.34	7.98	130.00	193.97	1.24	2.34
25	■	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26	■	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27	■	384	472	476	493.59	7.98	130.00	74.19	0.48	0.07
28	■	436	528	236	1,003.15	24.95	125.00	256.30	0.17	0.01
29	■	448	560	148	1,668.69	31.07	125.00	419.05	0.18	0.01
30	■	452	560	536	151.48	7.98	130.00	162.37	1.04	0.10
31	■	492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
32	■	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	■	532	232	644	988.66	9.79	130.00	485.11	2.07	1.77
34	■	540	644	636	875.70	9.79	130.00	485.11	2.07	1.57

Phase 3 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35		544	124	541	400.02	7.98	130.00	233.18	1.50	0.50
36		548	648	601	1,316.13	7.98	130.00	157.42	1.01	0.79
37		616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38		628	636	728	597.05	9.79	130.00	485.11	2.07	1.07
39		632	728	732	1,139.76	9.79	130.00	485.11	2.07	2.04
40		668	732	760	995.88	7.98	130.00	485.11	3.11	4.82
41		676	240	764	967.46	24.95	125.00	179.44	0.12	0.00
42		680	764	768	1,174.23	24.95	125.00	179.44	0.12	0.00
43		684	768	772	1,356.13	24.95	125.00	179.44	0.12	0.00
44		688	772	776	1,970.40	24.95	125.00	179.44	0.12	0.01
45		692	776	472	1,305.26	24.95	125.00	179.44	0.12	0.00
46		696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47		270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48		282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49		302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50		314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51		342	309	305	1,312.75	37.29	125.00	7,522.94	2.21	0.60
52		350	305	301	2,497.41	37.29	125.00	6,832.05	2.01	0.95
53		354	301	108	2,656.30	37.29	125.00	6,504.54	1.91	0.93
54		13	616	112	1,305.41	37.29	125.00	4,678.01	1.37	0.25
55		41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
56		73	128	421	2,606.90	11.65	130.00	322.47	0.97	0.94
57		77	421	433	2,638.07	11.65	130.00	161.12	0.48	0.26
58		81	433	437	2,627.65	11.65	130.00	123.35	0.37	0.16
59		85	441	437	2,659.50	11.65	130.00	68.14	0.21	0.05
60		89	505	441	2,531.20	7.98	130.00	40.64	0.26	0.12
61		93	513	505	979.51	7.98	130.00	181.10	1.16	0.76
62		97	485	489	2,972.07	7.98	130.00	142.01	0.91	1.48
63		101	481	485	2,279.44	7.98	130.00	157.73	1.01	1.38
64		113	473	469	2,522.05	7.98	130.00	75.08	0.48	0.39
65		117	469	465	2,644.74	7.98	130.00	82.22	0.53	0.48
66		121	465	593	1,363.13	7.98	130.00	-45.22	0.29	0.08
67		125	108	461	2,675.53	9.79	130.00	244.98	1.04	1.35
68		129	461	457	1,234.15	7.98	130.00	62.22	0.40	0.13

Phase 3 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	107.68	0.69	0.39
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	99.76	0.64	0.68
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	69.57	0.45	0.15
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	15.73	0.10	0.01
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	127.33	0.82	1.08
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	325.85	2.09	0.97
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	164.13	1.05	1.71
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	21.88	0.14	0.04
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	58.41	0.37	0.13
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	143.54	0.92	0.66
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	244.63	1.57	2.10
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	204.22	0.61	0.30
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	379.91	1.14	1.15
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	473.17	1.42	0.70
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	228.53	1.47	2.73
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	463.91	1.40	0.95
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	87.83	0.56	0.33
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	93.27	0.60	0.56
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	87.37	0.56	0.53
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	137.91	0.88	1.25
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	142.79	0.92	0.65
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	192.73	1.24	2.32
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	213.11	1.37	1.40
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	144.51	0.93	1.33
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	190.66	1.22	0.55
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	279.61	1.79	0.62
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	136.59	0.88	0.10
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	106.08	0.68	0.64
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	119.24	0.76	0.81
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	2,308.96	0.68	0.14
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	34.24	0.22	0.04
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	13.11	0.08	0.01
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	239.66	1.54	1.73
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	56.16	0.36	0.12
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-6.92	0.04	0.000
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	56.16	0.36	0.12
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	109.92	0.71	0.40
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	573.83	1.73	2.38
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	135.87	0.87	0.61
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	192.03	1.23	1.17
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	151.43	0.97	0.72
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	106.21	0.68	0.76
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	249.42	1.60	0.95
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	746.65	0.49	0.05
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.0000
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	1,731.75	0.51	0.04
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	1,150.33	0.75	0.17
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	996.07	0.65	0.09
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	996.07	0.65	0.14
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	1,731.75	0.51	0.04
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	110.44	0.71	0.81
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	419.05	0.18	0.01
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	167.11	0.37	0.08
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	996.07	0.65	0.13
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	996.07	0.65	0.12
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	746.65	0.49	0.07
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 22:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.00
138		287	461	116	2,702.94	9.79	130.00	-112.38	0.48	0.32
139		307	713	709	403.48	9.79	130.00	-34.85	0.15	0.01
140		311	709	705	611.58	9.79	130.00	-34.85	0.15	0.01
141		319	701	697	1,692.26	9.79	130.00	-34.85	0.15	0.02
142		391	761	693	664.15	9.79	130.00	34.85	0.15	0.01
143		411	753	681	694.40	11.65	130.00	157.11	0.47	0.07
144		415	717	757	639.38	9.79	130.00	34.85	0.15	0.01
145		419	757	741	1,033.11	9.79	130.00	34.85	0.15	0.01
146		303	717	713	686.37	9.79	130.00	122.26	0.52	0.10
147		315	705	701	822.74	9.79	130.00	-34.85	0.15	0.01
148		363	693	697	811.24	9.79	130.00	34.85	0.15	0.01
149		371	681	717	778.76	11.65	130.00	157.11	0.47	0.07
150		407	677	753	1,085.06	11.65	130.00	157.11	0.47	0.10
151		235	665	677	964.00	13.50	130.00	157.11	0.35	0.04
152		431	741	761	338.57	9.79	130.00	34.85	0.15	0.00

Phase 3 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	5,968.18	1.75	0.40
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	4,026.28	1.18	0.38
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	3,590.14	1.05	0.31
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	3,015.91	0.89	0.22
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	1,897.63	0.56	0.09
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	1,731.75	0.51	0.08
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	581.42	0.25	0.01
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	419.05	0.18	0.01
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	419.05	0.18	0.00
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	419.05	0.18	0.00
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	1,150.33	0.75	0.13
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	261.54	0.17	0.00
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	256.30	0.17	0.00
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	76.86	0.49	0.11
15	<input type="checkbox"/>	180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	200.03	0.45	0.19
18	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	200.03	0.45	0.10
19	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	167.11	0.37	0.04
20	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	167.11	0.37	0.03
21	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	193.63	1.24	0.41
22	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	42.89	0.28	0.02
23	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	-8.55	0.05	0.00
24	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	193.97	1.24	2.34
25	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	74.19	0.48	0.07
28	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	256.30	0.17	0.01
29	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	419.05	0.18	0.01
30	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	162.37	1.04	0.10
31	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	209.02	1.34	2.71
32	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	485.11	2.07	1.77
34	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	485.11	2.07	1.57

Phase 3 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	544	124	541	400.02	7.98	130.00	233.19	1.50	0.50
36	■	548	648	601	1,316.13	7.98	130.00	157.42	1.01	0.79
37	■	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	■	628	636	728	597.05	9.79	130.00	485.11	2.07	1.07
39	■	632	728	732	1,139.76	9.79	130.00	485.11	2.07	2.04
40	■	668	732	760	995.88	7.98	130.00	485.11	3.11	4.82
41	■	676	240	764	967.46	24.95	125.00	179.44	0.12	0.00
42	■	680	764	768	1,174.23	24.95	125.00	179.44	0.12	0.00
43	■	684	768	772	1,356.13	24.95	125.00	179.44	0.12	0.00
44	■	688	772	776	1,970.40	24.95	125.00	179.44	0.12	0.01
45	■	692	776	472	1,305.26	24.95	125.00	179.44	0.12	0.00
46	■	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	■	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	■	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	■	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	■	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	■	342	309	305	1,312.75	37.29	125.00	7,522.94	2.21	0.60
52	■	350	305	301	2,497.41	37.29	125.00	6,832.05	2.01	0.95
53	■	354	301	108	2,656.30	37.29	125.00	6,504.54	1.91	0.93
54	■	13	616	112	1,305.41	37.29	125.00	4,678.01	1.37	0.25
55	■	41	385	596	673.16	7.98	130.00	209.02	1.34	0.69
56	■	73	128	421	2,606.90	11.65	130.00	322.47	0.97	0.94
57	■	77	421	433	2,638.07	11.65	130.00	161.12	0.48	0.26
58	■	81	433	437	2,627.65	11.65	130.00	123.35	0.37	0.16
59	■	85	441	437	2,659.50	11.65	130.00	68.14	0.21	0.05
60	■	89	505	441	2,531.20	7.98	130.00	40.64	0.26	0.12
61	■	93	513	505	979.51	7.98	130.00	181.10	1.16	0.76
62	■	97	485	489	2,972.07	7.98	130.00	142.01	0.91	1.48
63	■	101	481	485	2,279.44	7.98	130.00	157.73	1.01	1.38
64	■	113	473	469	2,522.05	7.98	130.00	75.08	0.48	0.39
65	■	117	469	465	2,644.74	7.98	130.00	82.22	0.53	0.48
66	■	121	465	593	1,363.13	7.98	130.00	-45.22	0.29	0.08
67	■	125	108	461	2,675.53	9.79	130.00	244.98	1.04	1.35
68	■	129	461	457	1,234.15	7.98	130.00	62.22	0.40	0.13

















Phase 3 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	■	141	449	445	1,309.71	7.98	130.00	107.68	0.69	0.39
70	■	145	445	388	2,642.50	7.98	130.00	99.76	0.64	0.68
71	■	149	501	400	1,134.29	7.98	130.00	69.57	0.45	0.15
72	■	153	501	601	1,333.42	7.98	130.00	15.73	0.10	0.01
73	■	157	132	648	2,654.70	7.98	130.00	127.33	0.82	1.08
74	■	161	124	537	417.85	7.98	130.00	325.85	2.09	0.97
75	■	169	120	429	2,624.93	7.98	130.00	164.13	1.05	1.71
76	■	173	441	429	2,638.61	7.98	130.00	21.88	0.14	0.04
77	■	177	429	549	1,360.38	7.98	130.00	58.41	0.37	0.13
78	■	181	553	429	1,306.36	7.98	130.00	143.54	0.92	0.66
79	■	185	112	545	1,538.75	7.98	130.00	244.63	1.57	2.10
80	■	189	493	441	1,942.81	11.65	130.00	204.22	0.61	0.30
81	■	193	497	493	2,360.85	11.65	130.00	379.91	1.14	1.15
82	■	197	509	497	961.80	11.65	130.00	473.17	1.42	0.70
83	■	201	305	509	2,270.74	7.98	130.00	228.53	1.47	2.73
84	■	205	585	509	1,346.17	11.65	130.00	463.91	1.40	0.95
85	■	209	489	513	1,629.81	7.98	130.00	87.83	0.56	0.33
86	■	213	497	513	2,460.69	7.98	130.00	93.27	0.60	0.56
87	■	221	421	425	2,629.64	7.98	130.00	87.37	0.56	0.53
88	■	225	301	469	2,658.75	7.98	130.00	137.91	0.88	1.25
89	■	229	581	473	1,282.87	7.98	130.00	142.79	0.92	0.65
90	■	233	120	501	2,642.27	7.98	130.00	192.72	1.24	2.32
91	■	237	309	481	1,329.84	7.98	130.00	213.11	1.37	1.40
92	■	241	461	445	2,595.34	7.98	130.00	144.51	0.93	1.33
93	■	253	529	525	644.66	7.98	130.00	190.66	1.22	0.55
94	■	257	305	529	357.19	7.98	130.00	279.61	1.79	0.62
95	■	261	437	533	223.30	7.98	130.00	136.59	0.88	0.10
96	■	265	537	425	2,202.23	7.98	130.00	106.08	0.68	0.64
97	■	269	541	648	2,251.06	7.98	130.00	119.25	0.76	0.81
98	■	28	124	128	2,658.99	37.29	125.00	2,308.95	0.68	0.14
99	■	51	493	545	1,231.34	7.98	130.00	34.24	0.22	0.04
100	■	55	425	549	1,301.55	7.98	130.00	13.11	0.08	0.01
101	■	59	112	553	1,319.39	7.98	130.00	239.66	1.54	1.73
102	■	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	56.16	0.36	0.12
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	-6.92	0.04	0.000
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	56.16	0.36	0.12
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	109.92	0.71	0.40
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	573.83	1.73	2.38
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	135.87	0.87	0.61
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	192.03	1.23	1.17
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	151.43	0.97	0.72
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	106.21	0.68	0.76
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	249.42	1.60	0.95
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	746.65	0.49	0.05
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	61.01	0.39	0.09
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	173.14	1.11	0.27
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	1,731.75	0.51	0.04
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	1,150.33	0.75	0.17
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	996.07	0.65	0.09
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	996.07	0.65	0.14
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	1,731.75	0.51	0.04
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	110.44	0.71	0.81
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	419.05	0.18	0.01
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	167.11	0.37	0.08
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	996.07	0.65	0.13
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	996.07	0.65	0.12
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	746.65	0.49	0.07
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00

Phase 3 Pipe Report for t = 23:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137		283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
138		287	461	116	2,702.94	9.79	130.00	-112.39	0.48	0.32
139		307	713	709	403.48	9.79	130.00	-34.85	0.15	0.01
140		311	709	705	611.58	9.79	130.00	-34.85	0.15	0.01
141		319	701	697	1,692.26	9.79	130.00	-34.85	0.15	0.02
142		391	761	693	664.15	9.79	130.00	34.85	0.15	0.01
143		411	753	681	694.40	11.65	130.00	157.11	0.47	0.07
144		415	717	757	639.38	9.79	130.00	34.85	0.15	0.01
145		419	757	741	1,033.11	9.79	130.00	34.85	0.15	0.01
146		303	717	713	686.37	9.79	130.00	122.26	0.52	0.10
147		315	705	701	822.74	9.79	130.00	-34.85	0.15	0.01
148		363	693	697	811.24	9.79	130.00	34.85	0.15	0.01
149		371	681	717	778.76	11.65	130.00	157.11	0.47	0.07
150		407	677	753	1,085.06	11.65	130.00	157.11	0.47	0.10
151		235	665	677	964.00	13.50	130.00	157.11	0.35	0.04
152		431	741	761	338.57	9.79	130.00	34.85	0.15	0.00

Phase 3 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
1	<input type="checkbox"/>	12	108	616	1,345.35	37.29	125.00	9,807.24	2.88	1.00
2	<input type="checkbox"/>	16	112	116	2,648.78	37.29	125.00	6,997.55	2.06	1.06
3	<input type="checkbox"/>	20	116	120	2,632.40	37.29	125.00	6,598.59	1.94	0.94
4	<input type="checkbox"/>	24	120	124	2,664.16	37.29	125.00	5,907.13	1.74	0.78
5	<input type="checkbox"/>	32	128	132	2,630.80	37.29	125.00	4,483.60	1.32	0.46
6	<input type="checkbox"/>	36	132	136	2,587.05	37.29	125.00	4,305.29	1.26	0.42
7	<input type="checkbox"/>	48	144	560	970.26	31.07	125.00	2,373.22	1.00	0.13
8	<input type="checkbox"/>	52	148	152	1,692.36	31.07	125.00	1,972.12	0.83	0.16
9	<input type="checkbox"/>	56	152	156	859.54	31.07	125.00	1,972.12	0.83	0.08
10	<input type="checkbox"/>	60	156	160	418.07	31.07	125.00	1,972.12	0.83	0.04
11	<input type="checkbox"/>	76	144	176	1,315.87	24.95	125.00	1,932.07	1.27	0.34
12	<input type="checkbox"/>	136	232	528	287.76	24.95	125.00	628.74	0.41	0.01
13	<input type="checkbox"/>	140	236	240	492.63	24.95	125.00	578.70	0.38	0.01
14	<input type="checkbox"/>	144	240	244	697.16	7.98	130.00	285.48	1.83	1.26
15	<input type="checkbox"/>	180	276	280	2,668.32	24.95	125.00	0.00	0.00	0.00
16	<input type="checkbox"/>	184	160	592	1,216.80	7.98	130.00	0.00	0.00	0.00
17	<input type="checkbox"/>	228	168	328	2,633.61	13.50	130.00	1,644.04	3.68	9.44
18	<input type="checkbox"/>	232	328	332	1,371.33	13.50	130.00	1,644.04	3.68	4.92
19	<input type="checkbox"/>	240	336	340	713.16	13.50	130.00	1,611.12	3.61	2.46
20	<input type="checkbox"/>	244	340	344	498.98	13.50	130.00	1,611.12	3.61	1.72
21	<input type="checkbox"/>	288	388	392	463.24	7.98	130.00	338.18	2.17	1.15
22	<input type="checkbox"/>	292	392	396	429.31	7.98	130.00	108.80	0.70	0.13
23	<input type="checkbox"/>	296	396	400	612.83	7.98	130.00	16.54	0.11	0.01
24	<input type="checkbox"/>	304	116	388	2,639.34	7.98	130.00	261.52	1.68	4.07
25	<input type="checkbox"/>	376	480	276	1,290.02	24.95	125.00	0.00	0.00	0.00
26	<input type="checkbox"/>	380	480	472	663.65	24.95	125.00	0.00	0.00	0.00
27	<input type="checkbox"/>	384	472	476	493.59	7.98	130.00	133.06	0.85	0.22
28	<input type="checkbox"/>	436	528	236	1,003.15	24.95	125.00	578.70	0.38	0.03
29	<input type="checkbox"/>	448	560	148	1,668.69	31.07	125.00	1,972.12	0.83	0.16
30	<input type="checkbox"/>	452	560	536	151.48	7.98	130.00	401.10	2.57	0.52
31	<input type="checkbox"/>	492	168	385	2,660.53	7.98	130.00	318.08	2.04	5.90
32	<input type="checkbox"/>	524	288	628	995.30	7.98	130.00	0.00	0.00	0.00
33	<input type="checkbox"/>	532	232	644	988.66	9.79	130.00	702.58	2.99	3.51
34	<input type="checkbox"/>	540	644	636	875.70	9.79	130.00	702.58	2.99	3.11

Phase 3 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
35	■	544	124	541	400.02	7.98	130.00	353.23	2.27	1.08
36	■	548	648	601	1,316.13	7.98	130.00	199.50	1.28	1.23
37	■	616	280	716	1,385.04	24.95	125.00	0.00	0.00	0.00
38	■	628	636	728	597.05	9.79	130.00	702.58	2.99	2.12
39	■	632	728	732	1,139.76	9.79	130.00	702.58	2.99	4.05
40	■	668	732	760	995.88	7.98	130.00	702.58	4.51	9.58
41	■	676	240	764	967.46	24.95	125.00	293.22	0.19	0.01
42	■	680	764	768	1,174.23	24.95	125.00	293.22	0.19	0.01
43	■	684	768	772	1,356.13	24.95	125.00	293.22	0.19	0.01
44	■	688	772	776	1,970.40	24.95	125.00	293.22	0.19	0.02
45	■	692	776	472	1,305.26	24.95	125.00	293.22	0.19	0.01
46	■	696	480	272	961.13	7.98	130.00	0.00	0.00	0.00
47	■	270	628	269	692.55	7.98	130.00	0.00	0.00	0.00
48	■	282	272	265	1,015.84	7.98	130.00	0.00	0.00	0.00
49	■	302	732	273	1,559.55	7.98	130.00	0.00	0.00	0.00
50	■	314	592	288	4,287.49	7.98	130.00	0.00	0.00	0.00
51	■	342	309	305	1,312.75	37.29	125.00	11,711.33	3.44	1.36
52	■	350	305	301	2,497.41	37.29	125.00	10,815.77	3.18	2.24
53	■	354	301	108	2,656.30	37.29	125.00	10,464.20	3.07	2.24
54	■	13	616	112	1,305.41	37.29	125.00	7,843.94	2.30	0.64
55	■	41	385	596	673.16	7.98	130.00	318.08	2.04	1.49
56	■	73	128	421	2,606.90	11.65	130.00	358.13	1.08	1.14
57	■	77	421	433	2,638.07	11.65	130.00	140.63	0.42	0.20
58	■	81	433	437	2,627.65	11.65	130.00	102.86	0.31	0.11
59	■	85	441	437	2,659.50	11.65	130.00	272.24	0.82	0.70
60	■	89	505	441	2,531.20	7.98	130.00	138.41	0.89	1.20
61	■	93	513	505	979.51	7.98	130.00	278.87	1.79	1.70
62	■	97	485	489	2,972.07	7.98	130.00	208.85	1.34	3.02
63	■	101	481	485	2,279.44	7.98	130.00	214.37	1.38	2.43
64	■	113	473	469	2,522.05	7.98	130.00	112.15	0.72	0.81
65	■	117	469	465	2,644.74	7.98	130.00	143.35	0.92	1.34
66	■	121	465	593	1,363.13	7.98	130.00	15.91	0.10	0.01
67	■	125	108	461	2,675.53	9.79	130.00	356.81	1.52	2.71
68	■	129	461	457	1,234.15	7.98	130.00	29.44	0.19	0.03

Phase 3 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
69	<input type="checkbox"/>	141	449	445	1,309.71	7.98	130.00	144.80	0.93	0.68
70	<input type="checkbox"/>	145	445	388	2,642.50	7.98	130.00	176.77	1.13	1.97
71	<input type="checkbox"/>	149	501	400	1,134.29	7.98	130.00	92.89	0.60	0.26
72	<input type="checkbox"/>	153	501	601	1,333.42	7.98	130.00	63.98	0.41	0.15
73	<input type="checkbox"/>	157	132	648	2,654.70	7.98	130.00	139.76	0.90	1.28
74	<input type="checkbox"/>	161	124	537	417.85	7.98	130.00	475.38	3.05	1.95
75	<input type="checkbox"/>	169	120	429	2,624.93	7.98	130.00	209.78	1.35	2.69
76	<input type="checkbox"/>	173	441	429	2,638.61	7.98	130.00	92.97	0.60	0.60
77	<input type="checkbox"/>	177	429	549	1,360.38	7.98	130.00	216.74	1.39	1.48
78	<input type="checkbox"/>	181	553	429	1,306.36	7.98	130.00	185.14	1.19	1.06
79	<input type="checkbox"/>	185	112	545	1,538.75	7.98	130.00	321.42	2.06	3.48
80	<input type="checkbox"/>	189	493	441	1,942.81	11.65	130.00	381.63	1.15	0.96
81	<input type="checkbox"/>	193	497	493	2,360.85	11.65	130.00	626.02	1.88	2.90
82	<input type="checkbox"/>	197	509	497	961.80	11.65	130.00	750.22	2.26	1.65
83	<input type="checkbox"/>	201	305	509	2,270.74	7.98	130.00	306.72	1.97	4.71
84	<input type="checkbox"/>	205	585	509	1,346.17	11.65	130.00	662.76	1.99	1.84
85	<input type="checkbox"/>	209	489	513	1,629.81	7.98	130.00	154.67	0.99	0.95
86	<input type="checkbox"/>	213	497	513	2,460.69	7.98	130.00	124.20	0.80	0.96
87	<input type="checkbox"/>	221	421	425	2,629.64	7.98	130.00	143.52	0.92	1.33
88	<input type="checkbox"/>	225	301	469	2,658.75	7.98	130.00	161.96	1.04	1.69
89	<input type="checkbox"/>	229	581	473	1,282.87	7.98	130.00	179.86	1.15	0.99
90	<input type="checkbox"/>	233	120	501	2,642.27	7.98	130.00	264.31	1.70	4.16
91	<input type="checkbox"/>	237	309	481	1,329.84	7.98	130.00	276.31	1.77	2.27
92	<input type="checkbox"/>	241	461	445	2,595.34	7.98	130.00	184.40	1.18	2.10
93	<input type="checkbox"/>	253	529	525	644.66	7.98	130.00	246.55	1.58	0.89
94	<input type="checkbox"/>	257	305	529	357.19	7.98	130.00	406.08	2.60	1.24
95	<input type="checkbox"/>	261	437	533	223.30	7.98	130.00	320.20	2.05	0.50
96	<input type="checkbox"/>	265	537	425	2,202.23	7.98	130.00	140.95	0.90	1.08
97	<input type="checkbox"/>	269	541	648	2,251.06	7.98	130.00	148.90	0.96	1.22
98	<input type="checkbox"/>	28	124	128	2,658.99	37.29	125.00	4,930.59	1.45	0.56
99	<input type="checkbox"/>	51	493	545	1,231.34	7.98	130.00	102.94	0.66	0.34
100	<input type="checkbox"/>	55	425	549	1,301.55	7.98	130.00	104.13	0.67	0.36
101	<input type="checkbox"/>	59	112	553	1,319.39	7.98	130.00	357.53	2.29	3.63
102	<input type="checkbox"/>	67	168	557	2,697.15	31.07	125.00	10.00	0.00	0.00



Phase 3 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
103	<input type="checkbox"/>	83	569	637	497.10	31.07	125.00	10.00	0.00	0.00
104	<input type="checkbox"/>	87	577	481	1,319.13	7.98	130.00	49.61	0.32	0.09
105	<input type="checkbox"/>	91	581	525	347.64	7.98	130.00	33.05	0.21	0.01
106	<input type="checkbox"/>	95	589	577	1,331.88	7.98	130.00	49.61	0.32	0.09
107	<input type="checkbox"/>	99	585	485	1,305.19	7.98	130.00	120.12	0.77	0.48
108	<input type="checkbox"/>	103	309	585	2,271.95	11.65	130.00	782.88	2.36	4.23
109	<input type="checkbox"/>	107	589	581	1,331.70	7.98	130.00	212.92	1.37	1.40
110	<input type="checkbox"/>	111	309	589	1,340.90	7.98	130.00	262.52	1.68	2.08
111	<input type="checkbox"/>	115	108	593	1,289.66	7.98	130.00	160.20	1.03	0.80
112	<input type="checkbox"/>	119	593	457	2,617.81	7.98	130.00	176.11	1.13	1.94
113	<input type="checkbox"/>	123	597	216	669.16	7.98	130.00	400.71	2.57	2.27
114	<input type="checkbox"/>	127	597	220	1,179.22	24.95	125.00	1,331.32	0.87	0.15
115	<input type="checkbox"/>	300	400	404	867.39	7.98	130.00	109.43	0.70	0.27
116	<input type="checkbox"/>	131	601	652	381.84	7.98	130.00	263.48	1.69	0.60
117	<input type="checkbox"/>	155	617	657	564.22	31.07	125.00	10.00	0.00	0.00
118	<input type="checkbox"/>	159	621	573	567.15	31.07	125.00	10.00	0.00	0.00
119	<input type="checkbox"/>	179	637	621	405.74	31.07	125.00	10.00	0.00	0.00
120	<input type="checkbox"/>	183	573	633	355.70	31.07	125.00	10.00	0.00	0.00
121	<input type="checkbox"/>	195	649	565	864.10	31.07	125.00	10.00	0.00	0.00
122	<input type="checkbox"/>	203	657	625	694.80	31.07	125.00	10.00	0.00	0.00
123	<input type="checkbox"/>	207	136	661	1,305.71	37.29	125.00	4,305.29	1.26	0.21
124	<input type="checkbox"/>	215	176	640	1,682.32	24.95	125.00	1,932.07	1.27	0.44
125	<input type="checkbox"/>	219	640	188	1,235.07	24.95	125.00	1,732.03	1.14	0.26
126	<input type="checkbox"/>	223	196	204	1,894.43	24.95	125.00	1,732.03	1.14	0.40
127	<input type="checkbox"/>	243	661	144	1,338.30	37.29	125.00	4,305.29	1.26	0.22
128	<input type="checkbox"/>	247	457	449	2,594.24	7.98	130.00	147.56	0.95	1.39
129	<input type="checkbox"/>	251	160	168	2,409.91	31.07	125.00	1,972.12	0.83	0.22
130	<input type="checkbox"/>	255	557	561	2,573.41	31.07	125.00	10.00	0.00	0.0000
131	<input type="checkbox"/>	259	561	649	2,631.58	31.07	125.00	10.00	0.00	0.00
132	<input type="checkbox"/>	263	332	336	1,475.86	13.50	130.00	1,611.12	3.61	5.10
133	<input type="checkbox"/>	267	188	196	1,647.77	24.95	125.00	1,732.03	1.14	0.35
134	<input type="checkbox"/>	271	204	597	1,507.13	24.95	125.00	1,732.03	1.14	0.32
135	<input type="checkbox"/>	275	220	232	1,488.55	24.95	125.00	1,331.32	0.87	0.19
136	<input type="checkbox"/>	279	625	569	1,593.33	31.07	125.00	10.00	0.00	0.00



Phase 3 Pipe Report for t = 24:00 hrs

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)
137	<input type="checkbox"/>	283	565	617	1,267.08	31.07	125.00	10.00	0.00	0.0000
138	<input type="checkbox"/>	287	461	116	2,702.94	9.79	130.00	-7.66	0.03	0.00
139	<input type="checkbox"/>	307	713	709	403.48	9.79	130.00	303.06	1.29	0.30
140	<input type="checkbox"/>	311	709	705	611.58	9.79	130.00	182.99	0.78	0.18
141	<input type="checkbox"/>	319	701	697	1,692.26	9.79	130.00	62.93	0.27	0.07
142	<input type="checkbox"/>	391	761	693	664.15	9.79	130.00	177.19	0.76	0.18
143	<input type="checkbox"/>	411	753	681	694.40	11.65	130.00	1,481.06	4.46	4.21
144	<input type="checkbox"/>	415	717	757	639.38	9.79	130.00	537.38	2.29	1.38
145	<input type="checkbox"/>	419	757	741	1,033.11	9.79	130.00	417.32	1.78	1.40
146	<input type="checkbox"/>	303	717	713	686.37	9.79	130.00	703.56	3.00	2.44
147	<input type="checkbox"/>	315	705	701	822.74	9.79	130.00	182.99	0.78	0.24
148	<input type="checkbox"/>	363	693	697	811.24	9.79	130.00	57.13	0.24	0.03
149	<input type="checkbox"/>	371	681	717	778.76	11.65	130.00	1,361.00	4.10	4.03
150	<input type="checkbox"/>	407	677	753	1,085.06	11.65	130.00	1,481.06	4.46	6.57
151	<input type="checkbox"/>	235	665	677	964.00	13.50	130.00	1,601.12	3.59	3.29
152	<input type="checkbox"/>	431	741	761	338.57	9.79	130.00	297.26	1.27	0.24



Phase 3 Pump Report for t = 0:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	13,033.04	115.55
2		1203	344	665	1,611.12	82.51



Phase 3 Pump Report for t = 1:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	11,285.59	115.49
2		1203	344	665	1,611.12	79.94



Phase 3 Pump Report for t = 2:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	9,702.38	115.51
2		1203	344	665	1,367.13	70.55



Phase 3 Pump Report for t = 3:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,919.93	115.52
2		1203	344	665	716.65	56.76



Phase 3 Pump Report for t = 4:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	4,037.27	115.51
2		1203	344	665	10.00	46.71



Phase 3 Pump Report for t = 5:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	4,037.27	115.51
2		1203	344	665	10.00	46.71



Phase 3 Pump Report for t = 6:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 3 Pump Report for t = 7:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,188.28	115.68
2		1203	344	665	10.00	58.19



Phase 3 Pump Report for t = 8:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,188.28	115.68
2		1203	344	665	10.00	58.19



Phase 3 Pump Report for t = 9:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,188.28	115.68
2		1203	344	665	10.00	58.19



Phase 3 Pump Report for t = 10:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,188.29	115.68
2		1203	344	665	10.00	58.19



Phase 3 Pump Report for t = 11:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,188.29	115.68
2		1203	344	665	10.00	58.19



Phase 3 Pump Report for t = 12:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,188.29	115.68
2		1203	344	665	10.00	58.19



Phase 3 Pump Report for t = 13:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	5,674.40	115.55
2		1203	344	665	10.00	51.72



Phase 3 Pump Report for t = 14:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	5,674.40	115.55
2		1203	344	665	10.00	51.72



Phase 3 Pump Report for t = 15:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	5,674.40	115.55
2		1203	344	665	10.00	51.72



Phase 3 Pump Report for t = 16:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	5,674.41	115.55
2		1203	344	665	10.00	51.72



Phase 3 Pump Report for t = 17:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 3 Pump Report for t = 18:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 3 Pump Report for t = 19:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 3 Pump Report for t = 20:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 3 Pump Report for t = 21:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	20.00	115.50
2		1203	344	665	10.00	45.85



Phase 3 Pump Report for t = 22:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,501.91	115.53
2		1203	344	665	167.11	50.79

Phase 3 Pump Report for t = 23:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	8,501.91	115.53
2		1203	344	665	167.11	50.79

Phase 3 Pump Report for t = 24:00 hrs

		ID	From Node	To Node	Flow (gpm)	Head Gain (ft)
1		1022	2006	309	13,033.04	115.46
2		1203	344	665	1,611.12	82.34