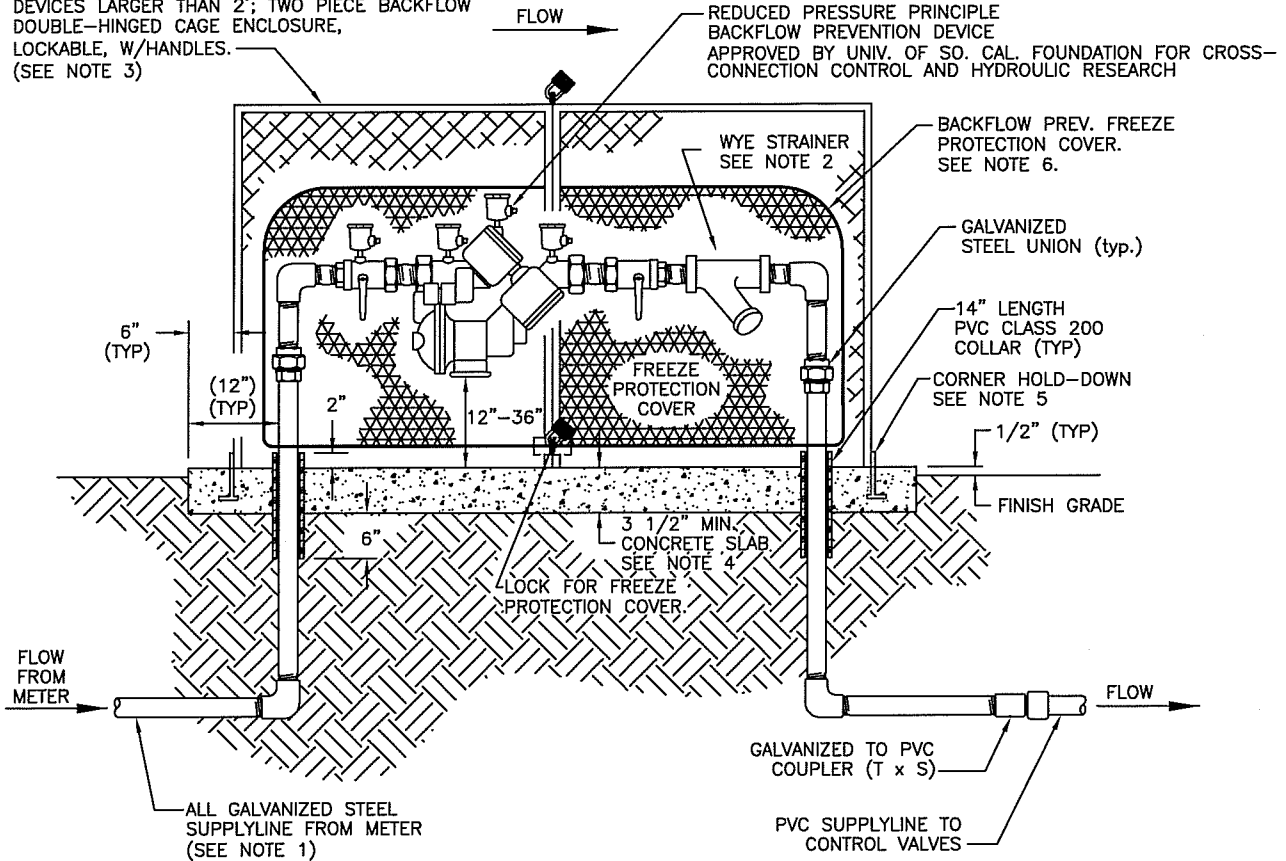


PREVENTION DEVICES 2' AND SMALLER; 1-PIECE SINGLE-HINGED CAGE. (SEE NOTES 3 & 7)
 DEVICES LARGER THAN 2'; TWO PIECE BACKFLOW DOUBLE-HINGED CAGE ENCLOSURE, LOCKABLE, W/HANDLES. (SEE NOTE 3)



NOTES:

1. ALL GALVANIZED STEEL PIPE AND FITTINGS BELOW GRADE TO BE PRIMED AND WRAPPED WITH A 50 PERCENT OVERLAP OF 10 ML CORROSION PROTECTION TAPE. (SCOTCHRAP OR EQUAL)
2. 150 MESH WYE STRAINER WITH BALL VALVE REQUIRED FOR DRIP OR LOW FLOW APPLICATIONS. ROTATE STRAINER 30 DEGREES DOWNWARD FROM HORIZONTAL.
3. SIZE OF BACKFLOW PREVENTER SHALL DICTATE THE SIZE OF THE ENCLOSURE. CONSULT ENCLOSURE MANUFACTURER'S LITERATURE TO DETERMINE CORRECT MODEL NUMBER.
4. SIZE OF THE ENCLOSURE SHALL DICTATE THE SIZE OF THE CONCRETE PAD, WHICH SHALL BE 15 cm (6") LARGER, ON ALL SIDES, THAN THE ENCLOSURE. THE PAD SHALL BE SUFFICIENTLY THICK TO EXTEND 8 cm (3") MIN. BELOW GRADE ON ALL SIDES. TOP OF PAD TO BE SLOPED TO DRAIN.
5. CORNER HOLD-DOWN ASSEMBLIES FOR ENCLOSURE SHALL BE EMBEDDED IN CONCRETE PAD PER MANUFACTURER'S SPECS.
6. A BACKFLOW PREVENTER FREEZE PROTECTION COVER SHALL BE INSTALLED OVER THE BACKFLOW PREVENTER.
7. WHEN FABRICATING 1-PIECE SINGLE-HINGED CAGE ALLOW FOR FREEZE PROTECTION COVER CLEARANCE WHEN OPENING AND CLOSING CAGE.

IMPORTANT

THE BACKFLOW PREVENTION ASSEMBLY SHALL BE TESTED AND APPROVED BY AN APPROVED AWWA OR ABPA CERTIFIED TESTER WITHIN FIVE (5) DAYS OF INSTALLATION WITH THE RESULTS SENT TO THE CITY BACKFLOW PROGRAM COORDINATOR VIA:

MAIL TO: 155 N. SUNNYSIDE
 CLOVIS, CA 93611
 FAX: (559) 324-2862
 IN PERSON: CITY OF CLOVIS PUBLIC UTILITIES DEPT.
 155 N. SUNNYSIDE,
 CLOVIS, CA
 2ND FLOOR - ADMIN. BLDG.

A LIST OF THE CITY'S APPROVED BACKFLOW TESTERS MAY BE OBTAINED THROUGH THE CITY WEBSITE AT: www.cityofclovis.com UNDER THE PUBLIC UTILITIES DEPARTMENT.



CITY OF CLOVIS

DWG NO.
W-18

CITY BACKFLOW PREVENTION DEVICE

REF: STD. SPECS SECTION 21, LANDSCAPE IRRIGATION SYSTEMS

APPROVED BY:	NO.	REVISED	BY	APPROVALS			SCALE: NTS
CITY ENGINEER		01-19-11	BGJ	CM	OTHER	_____	DRAWN BY: JA
				DRU	OTHER	_____	
DATE:				PUD	OTHER	_____	SHEET 1 OF 1