



NOTES:

1. THE FIRE SERVICE LINE SHALL INCLUDE ALL PIPE, PIPE FITTINGS AND STRUCTURES NECESSARY FOR THE SYSTEM TO BE OPERABLE. THE SERVICE LINE SHALL INCLUDE ALL CONCRETE THRUST BLOCKS, TEE FITTINGS WITH APPROPRIATE CONNECTORS, GATE VALVE, VALVE BOX PER STD. DWG. W-1, AND FIRE SERVICE LINE PIPE CAPPED.
2. UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER, THE INSTALLATION OF THE FIRE SERVICE LINE ON EXISTING WATER MAINS WILL REQUIRE THE HOT TAPPING METHOD. THE APPROPRIATE TAPPING TEE AND VALVE SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
3. THE FIRE LINE SHALL EXTEND 2' PAST PROPERTY LINE FOR ON-SITE ACCESS.
4. ON-SITE MATERIALS SHALL BE APPROVED BY THE FIRE MARSHALL.
5. CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS LISTED IN LEGEND.
6. ALL INTALLATIONS SHALL BE INSPECTED AND APPROVED BY CITY CONSTRUCTION INSPECTOR PRIOR TO POURING THRUST BLOCKS.
7. FIRE SERVICE LINE SHALL BE 4" OR 6" DIAMETER PVC CL 150 OR DUCTILE IRON AWWA C150 AS REQUIRED BY FIRE MARSHALL. PIPE MARKINGS TO BE VISIBLE FROM TOP OF OPEN TRENCH PRIOR TO BACKFILL.
8. TRACER WIRE SHALL BE #10 STRANDED COPPER, WHITE INSULATION., PROVIDE MINIMUM 12" LEAD INSIDE VALVE BOX. TRACER WIRE RUN SHALL INCLUDE ALL FIRE SPRINKLER COMPONENTS AND TERMINATING AT RISER.

LEGEND:

- A. 4" GATE VALVE w/2" SQUARE METER WRENCH KEY FITTING.
- B. 4" MALE QUICK-COUPLING HOSE ADAPTOR w/DUST CAP.
- C. CHRISTY FL 36 POLYMER BOX w/REINFORCED LID (OR APPROVED EQUAL) STAMPED "FIRE SERVICE".
- D. 4" GALV. PIPE WRAPPED (BLOW OFF PIPE).



CITY OF CLOVIS

DWG NO.

W-4

FIRE SERVICE LINE INSTALLATION

REF. STD. SPECIFICATIONS SECTION 66

APPROVED BY:	NO.	REVISED	BY	APPROVALS	SCALE: NTS
CITY ENGINEER		11-23-09	BGJ	CM <i>JRL</i>	DRAWN BY: JA
		07-28-09	BGJ	DRU <i>MA</i> PUD <i>SK</i>	
DATE: 1/20/10				FIRE <i>TKA</i>	SHEET 1 OF 1