



## SERVICE DETAIL

NOT TO SCALE

### LEGEND:

- A. USE DOUBLE STRAP STAINLESS STEEL BAND, CC AWWA TAPER THREAD, MUELLER DR25 SERIES, ROMAC 202S, SMITH BLAIR 317, OR EQUAL.
- B. 1" CORPORATION STOP, AWWA TAPER THREAD. MUELLER 300 110 B-25008N; AY McDONALD 74701 B Q; FORD NFB1000-4-Q. USE 1 1/4" CORPORATION STOP WHEN APPLICABLE. AY McDONALD 74701B-22Q, FORD NFB 1000-45-Q.
- C. 1" CONTINUOUS POLYETHYLENE COATED COPPER PIPE, TYPE "K" SOFT. MUELLER STREAMLINE OR APPROVED EQUAL FOR LENGTHS 40' OR GREATER, USE 1 1/4" CONTINUOUS POLYETHYLENE COATED COPPER PIPE, TYPE "K" SOFT. COLOR BLUE FOR POTABLE AND PURPLE FOR RECYCLED WATER.
- D. 1" GROUND KEY ANGLE VALVE METER STOP WITH RUBBER METER COUPLING WASHER. MUELLER H-1425B NL; FORD KV 43-444 WQ-NL; AY McDONALD 74602 Q. USE 1 1/4" X 1" NL ANGLE PLUG STYLE METER STOP WHEN APPLICABLE. AY McDONALD 74602-22, FORD KV43-454 WQ-NL.
- E. 10.75" SPACER ASSEMBLY, COMPOSED OF A 1" x 7.5" GALVANIZED NIPPLE INSTALLED LEVEL AND 2 METER ADAPTORS, A-24'S BRASS BUSHINGS OR PRE-APPROVED EQUAL.
- F. 1" BRASS QUARTER BEND METER COUPLING WITH RUBBER METER COUPLING WASHER. (FEMALE/FEMALE)
- G. 1" OR LARGER SCHEDULE 80 PVC PIPE. MUST BE VERTICAL. ANY CHANGES IN PIPE SIZE MUST BE DONE WITH SCHEDULE 80 OR STAINLESS STEEL FITTINGS.
- H. 1" OR LARGER 90° EL SCHEDULE 80 PVC.
- J. 1" OR LARGER SCHEDULE 80 PVC.
- K. 1" OR LARGER SCHEDULE 80 PVC COUPLING W/PVC PLUG OR CAP.
- L. CHRISTY FL9 OR B9 (OR PRE-APPROVED EQUAL) METERBOX AND REINFORCED CONCRETE LID WITH CAST IRON READING DOOR, B09G.

### NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS LISTED IN LEGEND.
2. WATER METER TO BE FURNISHED AND INSTALLED BY CITY AT THE OWNER'S EXPENSE.
3. WATER SERVICE AND METER BOX INSTALLATION SHALL BE INSPECTED AND APPROVED BY CITY PRIOR TO SIDEWALK INSTALLATION.
4. WATER SERVICES SHALL BE LOCATED A MINIMUM OF 3' OUTSIDE OF DRIVE APPROACH WINGS.
5. ALL MATERIALS SHALL BE AS NOTED OR CITY APPROVED EQUAL.
6. A CLEAR SPACE OF AT LEAST 3" SHALL BE MAINTAINED BETWEEN SPACER ASSEMBLY (E) AND TOP OF DIRT INSIDE BOX.
7. ALL METER BOXES IN DIRT OR LANDSCAPE AREAS SHALL BE SET IN A CONCRETE SLAB MEASURING AT LEAST 12" ON ALL SIDES, 3 1/2" THICK.
8. METER BOXES SHALL BE CLEARED OF ALL OTHER FACILITIES.
9. METER BOX SHALL BE CENTERED OVER SPACER ASSEMBLY.
10. SEE STANDARD W-5A FOR ADJACENT METER BOX PLACEMENT.
11. BRASS ANGLE VALVE, CORP STOP AND QUARTER BEND MUST BE COMPLIANT WITH AB 1953 "LEAD FREE".
12. IF THE WATER SERVICE INCLUDES A BACKFLOW DEVICE (SEE W-19), ITEMS G, H & J SHALL BE GALVANIZED STEEL PIPE DOUBLE WRAPPED IN 10 MIL TAPE.

WATER MAIN



# CITY OF CLOVIS

## 1" WATER SERVICE

DWG NO.

W-5

REF. STANDARD SPECIFICATIONS

APPROVED BY:	NO.	REVISED	BY	APPROVALS	SCALE: NTS
CITY ENGINEER		5-15-12	BGJ		DRAWN BY: JA
		10-31-12	BGJ		SHEET 1 OF 1
	DATE: 7/5/17		6-27-17		BGJ