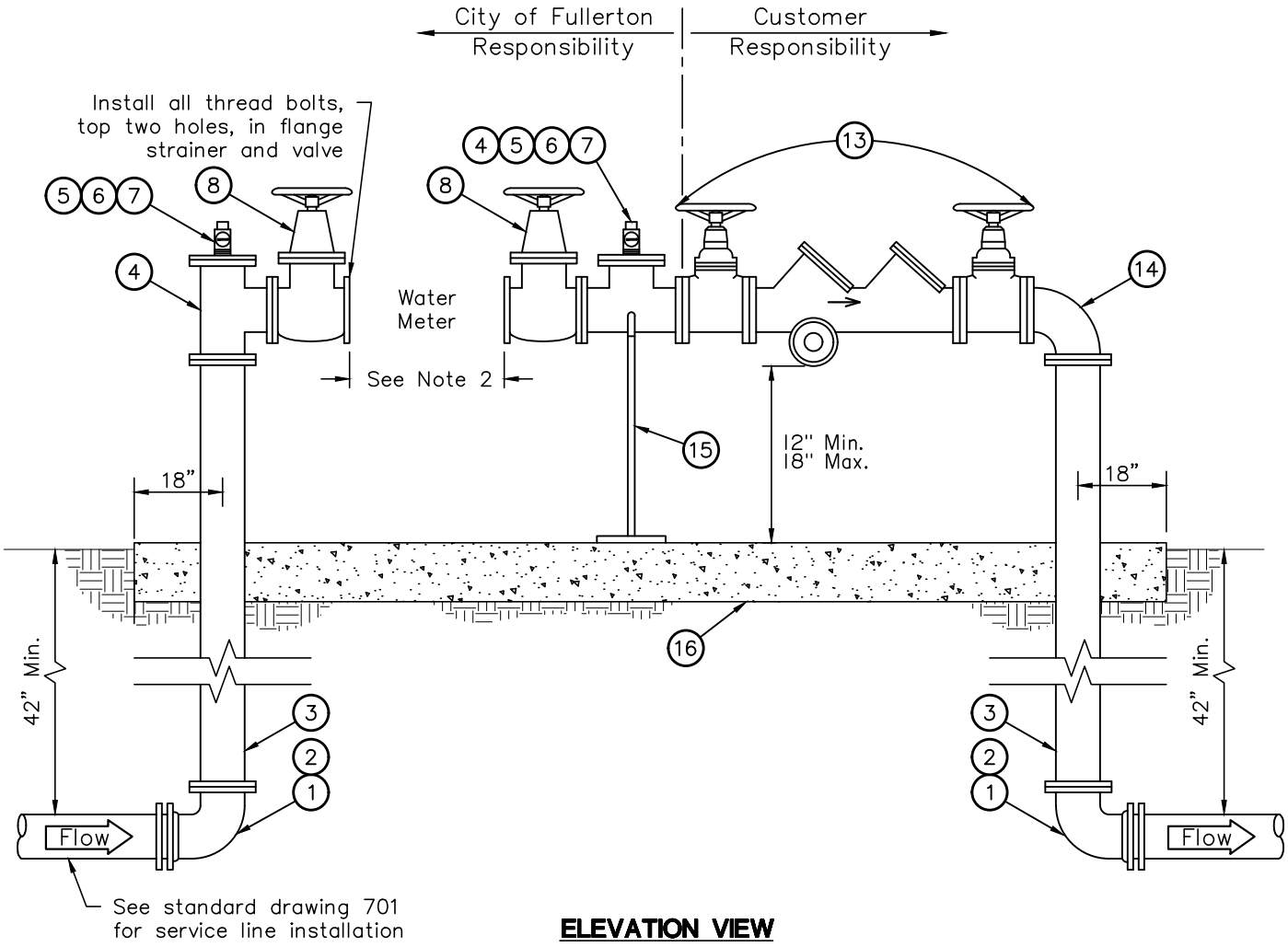
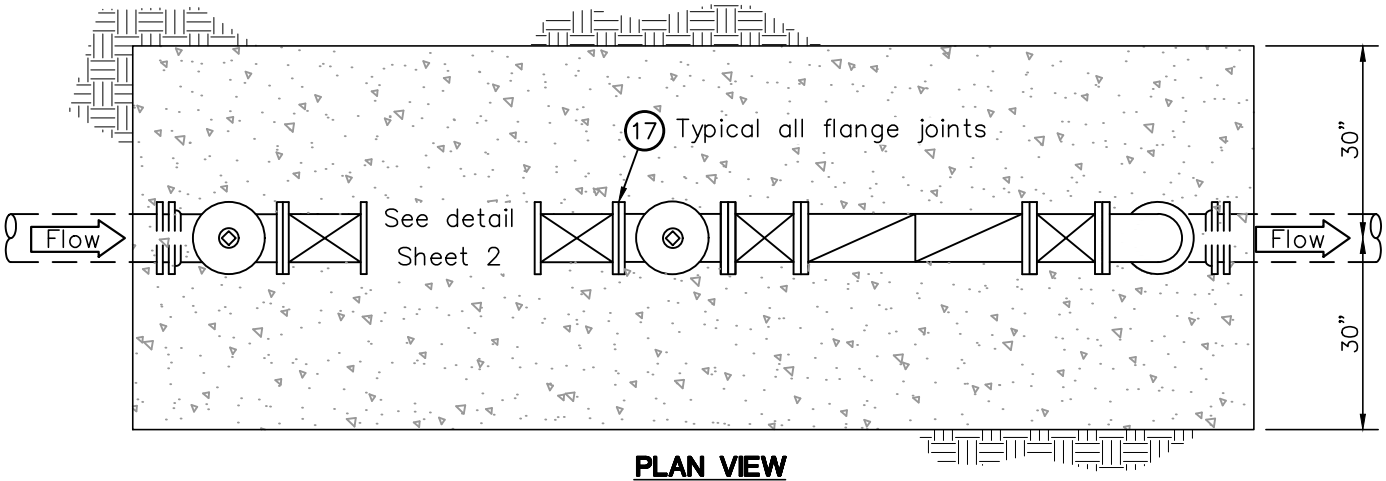


ELEVATION VIEW



PLAN VIEW

3" & LARGER WATER METER INSTALLATION

STANDARD DETAIL	REVISIONS			
603	NO.	DATE	NO.	DATE
	1	12/01/00	4	02/28/17
	2	02/13/13	5	04/20/22
SHEET 1 OF 2	3	02/29/16		

CITY ENGINEER — 5/9/2022 DATE

PUBLIC WORKS DIRECTOR — 5/24/2022 DATE

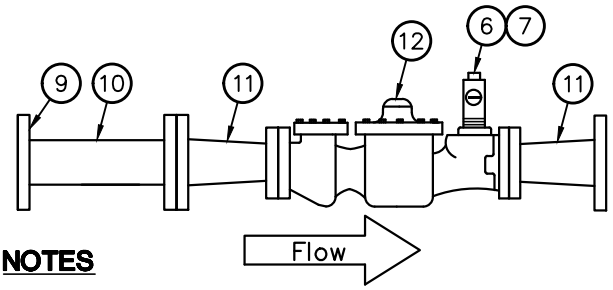
CITY OF FULLERTON CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

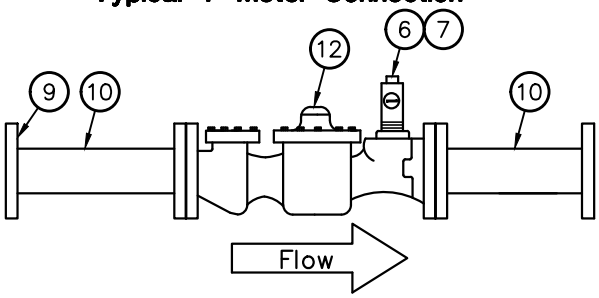
LIST OF MATERIALS

1. 90° DI Elbow, FLG x MJ
2. Restraint device
3. DIP Spool, Class 53, FLG (order to size)
4. Compact DI Tee, FLG
5. 2" x 9" OD Reducing flange
6. 2" Brass ball valve, M–IPT x F–IPT with locking ear, 360° turn
7. 2" Brass plug, IPT
8. Resilient–seated gate valve with hand wheel, non–rising stem, FLG
9. Restrained flange adapter
10. DIP Spool, Class 53, FLGxPE (order to size)
11. 4" x 3" x 8"L DI concentric reducer, FLG
12. Water Meter
13. Reduced pressure principle backflow assembly.
14. 90° Compact DI Elbow, FLG
15. Adjustable pipe saddle support
16. Concrete pad, 4" Slab, Class 520–C–2500 (light broom finish), 2% slope towards sidewalk
17. ⅛" Full face inserted rubber flange gasket

Typical 3" Meter Connection



Typical 4" Meter Connection



NOTES

1. Refer to the City of Fullerton's Approved Materials List for approved manufacturers and model numbers.
2. Install water meter per manufacturer's specifications.
3. All steel bolts and nuts to have electrodeposited coating of zinc.
4. See Section 5–10 of these specifications for painting requirements.
5. Large meter assemblies installed in easements, roads and streets without curbs or with rolled curbs shall be protected by guard posts as shown on plans or as directed by Engineer per Standard Drawing 615.
6. Location of the large meter/backflow device assembly, and all parts must be approved by Engineer prior to installation. Failure to comply may result in project delays to correct all unacceptable/unapproved work. A wye strainer or hose bibb are not allowed to be installed on backflow assembly piping.
7. New backflow must be tested by a Orange County Certified backflow tester.

3" & LARGER WATER METER INSTALLATION

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STANDARD DETAIL
603
SHEET 2 OF 2

DEPARTMENT OF PUBLIC WORKS