



PUBLIC WORKS
Engineering

DATE: October 28, 2025

TO: PAUL ZACHARY,
PUBLIC WORKS DEPUTY
DIRECTOR

FROM:  H. SOMDECERFF,
PUBLIC WORKS DESIGN
MANAGER

The Specification Review Committee recommends and asks the Public Works Deputy Director to approve the following:

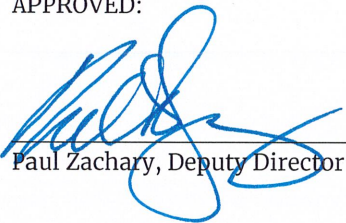
1. Approve Modification to Standard Detail 551 - 4", 6", 8" Detector Check Assembly and Meter Can.

Summary of change: Tapping Sleeve and Valve has been deleted.
Allowance through technical variance only.
Added a prohibition on combined use through one meter.

Please call Marqua Jimmerson at (918) 596-7355 If you have any questions.

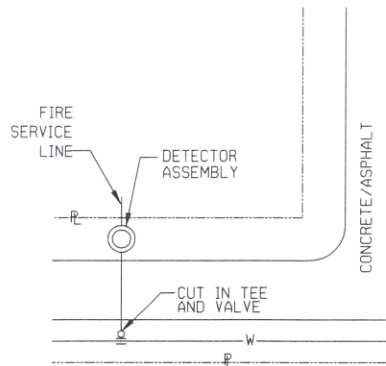
Thank you,

APPROVED:

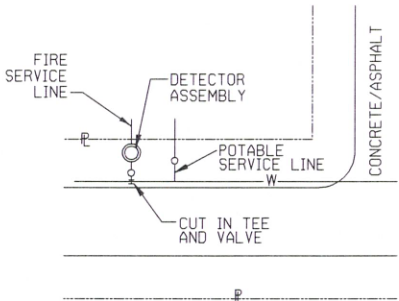

Paul Zachary, Deputy Director


Date

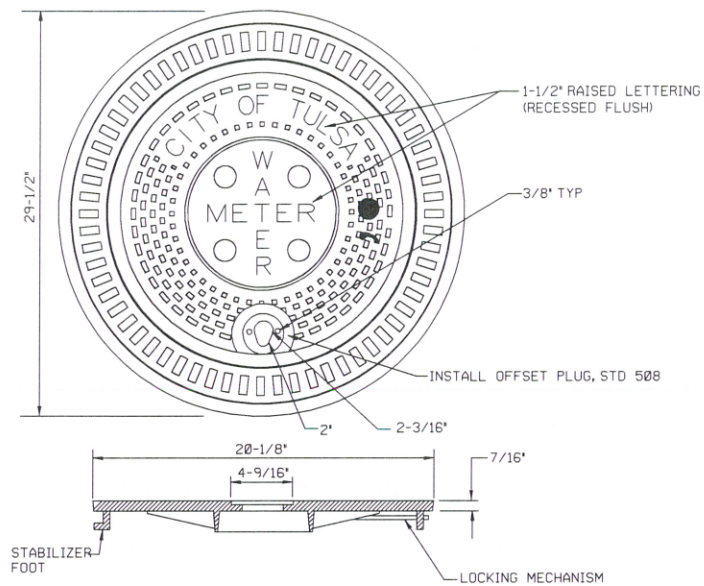
Cc: Public Works Engineering Services Specification Review Committee



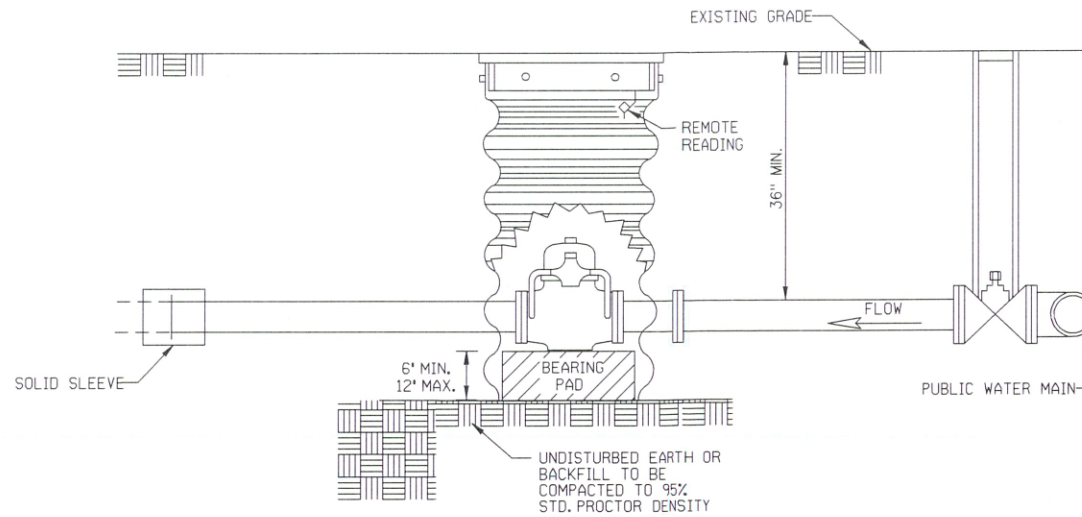
TYPICAL LOCATION
LONG SERVICE



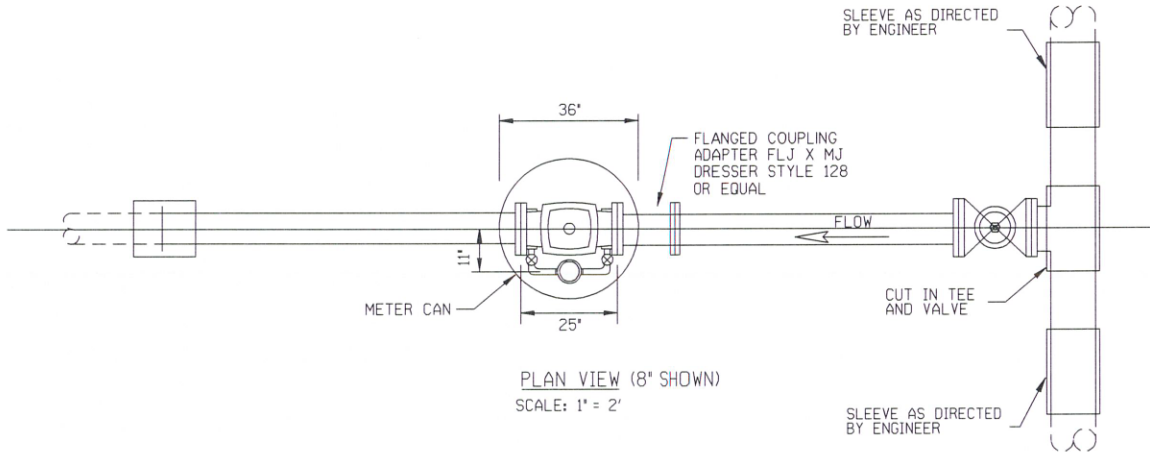
TYPICAL LOCATION
SHORT SERVICE



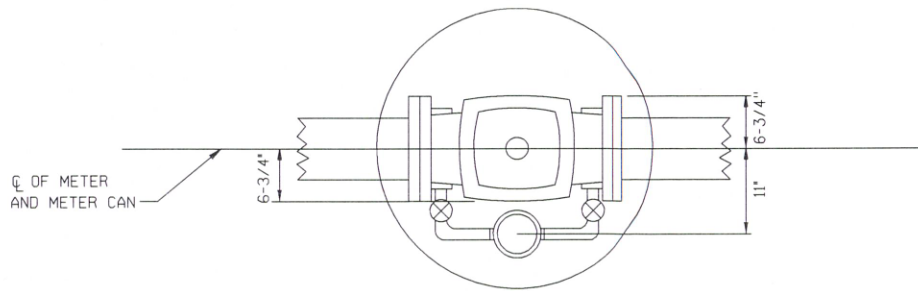
METER BOX RING AND COVER



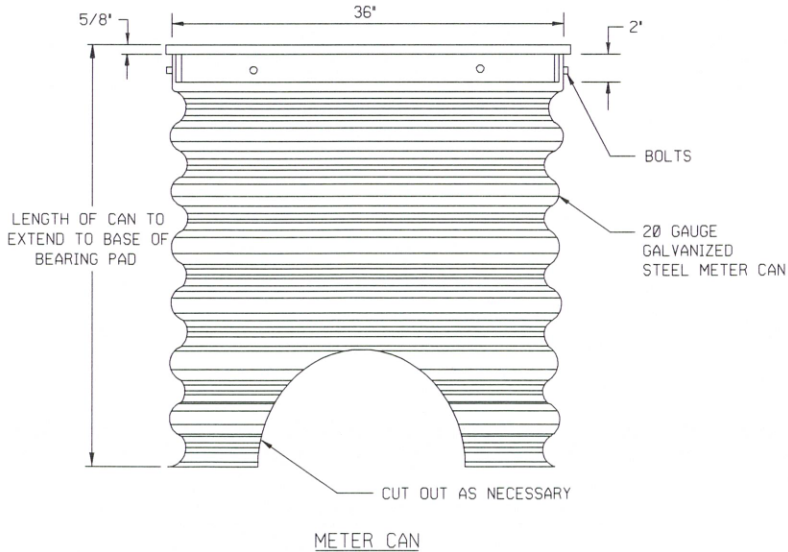
ELEVATION VIEW (8' SHOWN)
SCALE: 1" = 2'



PLAN VIEW (8' SHOWN)
SCALE: 1" = 2'



DETAIL PLAN VIEW (8' SHOWN)
SCALE: 1" = 1'



METER CAN

NOTE:

1. CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH FITTINGS COMPATIBLE WITH THE TYPE OF PIPE FURNISHED.
2. NOTICE SHALL BE GIVEN TO THE ENGINEERING SERVICES DEPT. 48 HOURS IN ADVANCE SO THAT A REPRESENTATIVE OF THE DEPT. MAY INSPECT THE MATERIALS.
3. WHERE RESTRAINED JOINTS ARE REQUIRED, THEY SHALL BE EBAA MEGALUG SERIES 1100 OR EQUAL.
4. USE DUCTILE IRON PIPING AND FITTINGS FROM THE MAIN LINE TAPPING SLEEVE TO DOWNSTREAM FROM THE METER CHECK VALVE AT THE CONNECTING SLEEVE. PIPE SHALL BE WRAPPED WITH POLYETHYLENE FILM AND TAPED.
5. BACKFLOW PREVENTER TO BE INSTALLED IN BUILDING.
6. LOCATE GALVANIZED METER CAN IN GREEN AREAS ONLY.
7. TAPPING SLEEVE AND VALVE CONNECTIONS ARE APPROVED ON AN AS NEEDED BASIS THROUGH A TECHNICAL VARIANCE.
8. A COMBINATION OF FIRE, DOMESTIC, AND LANDSCAPE METERS IS PROHIBITED. EACH DEMAND REQUIRES A SEPARATE SERVICE CONNECTION.

TO BE FURNISHED AND INSTALLED BY CONTRACTOR

- 1 - TEE
- 1 - VALVE BOX
- 1 - VALVE
- 1 - DETECTOR CHECK ASSEMBLY
- 1 - FLANGED COUPLING ADAPTER, FLJ X MJ DRESSER 128, OR EQUAL
- 1 - METER CAN W/ RIM AND LID
- PIPE - TYPE MATERIAL AS REQUIRED

REVISION	BY	DATE

TJN
CITY ENGINEER
tgp
DESIGN MANAGER

CITY OF TULSA
4", 6", 8" DETECTOR CHECK
ASSEMBLY AND METER CAN
DATE: MAY 2025
STD. 551