

Time: 9:19 am  
Scale: 1"=1' (PS)  
Date: 5/14/2025  
© 2023 by City of Claremore  
Drawing Name: Engineering\Engineering Department\Projects\E2025-015\WATER METER TAP DETAIL\ENG METER DETAILS\E2025-015 ENG DETAILS.dwg (her)  
Xrefs Used: E2025-015 ENG TITLEBLOCK

**PIPE NOTE:**  
PIPE SHALL BE MUNICIPEX SDR9, CTS, AS MANUFACTURED BY REHAU. PIPE SIZE SHALL BE AS NOTED ON DETAILS. NO EQUALS SHALL BE APPROVED, WITHOUT ENGINEER'S WRITTEN CONSENT.

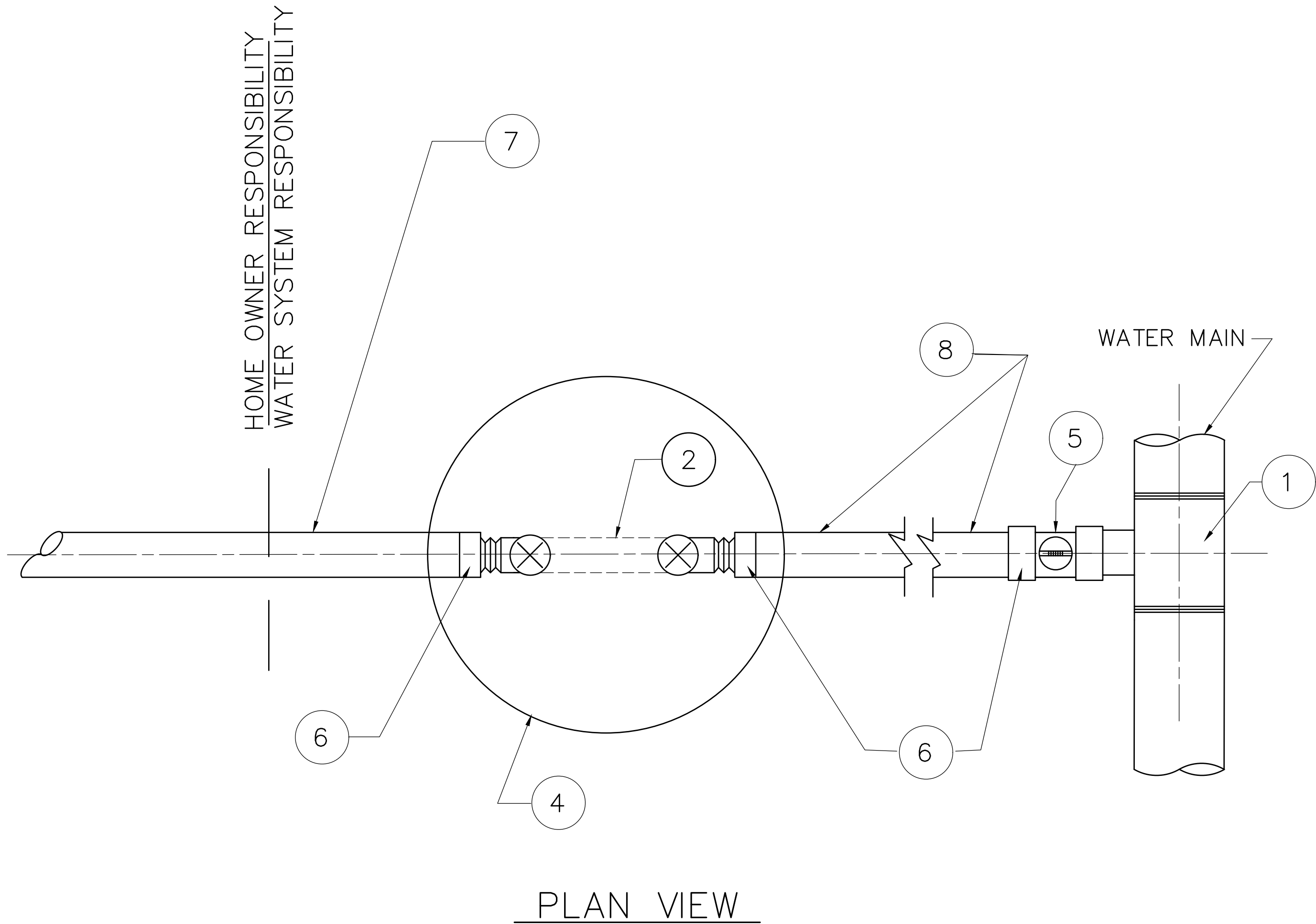
# 3/4" METER SETTER

⊗ METER NOTES:

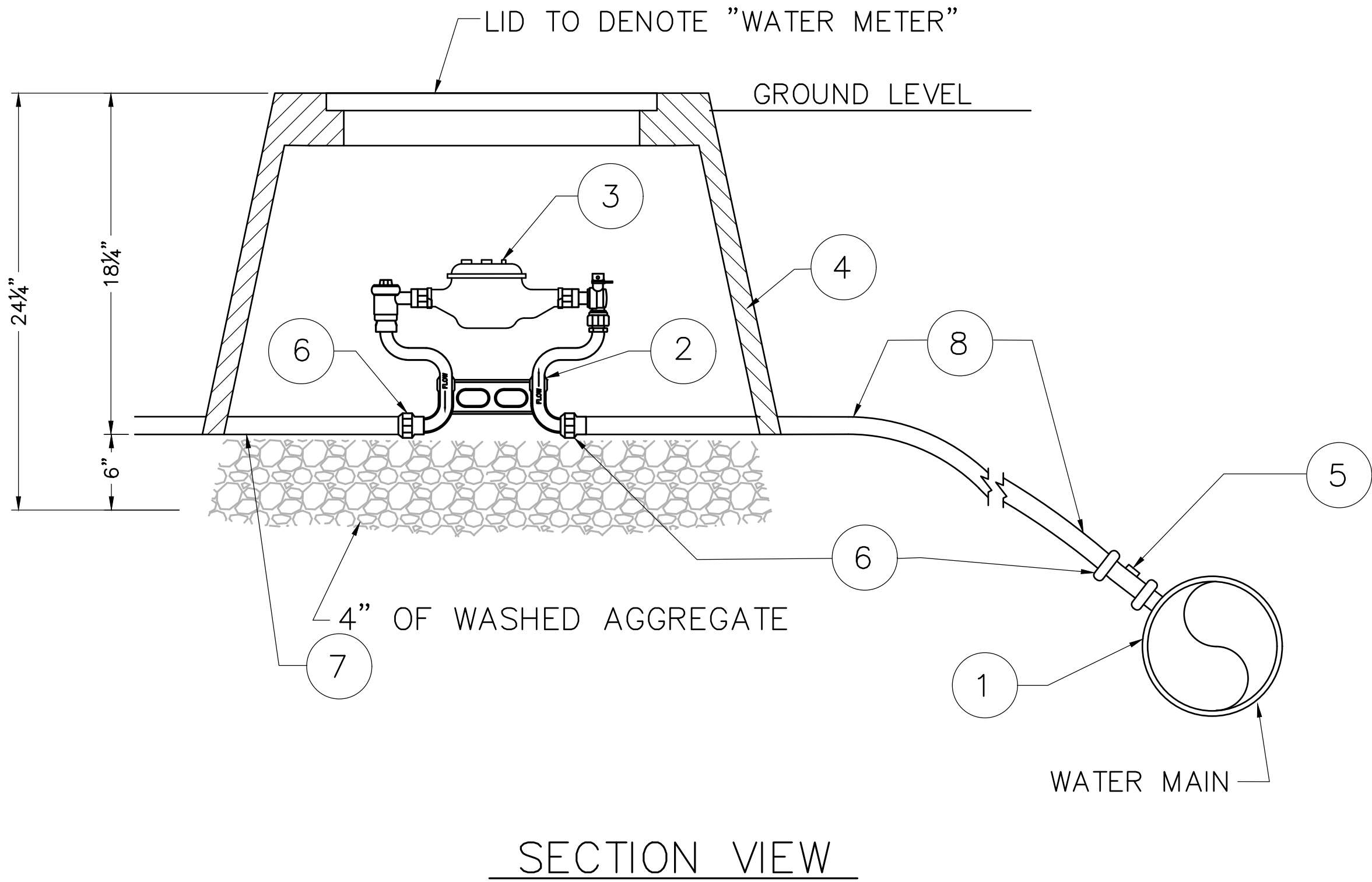
- SMITH-BLAIR 317 SERVICE SADDLE, MAIN X 3/4" CC THREADS.
- FORD METER SETTER No. VBH72-7W-44-33-NL (PACK JOINT 3/4" INLET X 3/4" PACK JOINT OUTLET.
- BADGER 3/4" RESIDENTIAL WATER METER+ANTENNA(PROVIDED BY CITY)
- DFW 1800A.18.1T SMALL METER CAN W/DFW1200.1T SMALL LID WITH CUT OUT FOR BADGER ANTENNA.
- FORD F 1000-3-NL, 3/4" CORPORATION STOP, MALE CC THREADS X CTS PACK JOINT.
- CTS PACK JOINT FITTING
- 3/4" X 6' PEX W/ CAP. STUB OUT OF METER CAN AND CAP IF SERVICE LINE TO HOUSE HAS NOT BEEN INSTALLED
- APPROPRIATE LENGTH OF 3/4" CTS POLY TUBING (PEX) TO METER.

INSTALLATION NOTES:

- ALL METER BOXES SHALL BE SET PLUMB AND LEVEL.
- METER BOXES SHOULD BE LOCATED AWAY FROM TRAFFIC AREAS WHEN POSSIBLE. IF IN TRAFFIC AREA, CONSULT WITH OWNER ON METER BOX TYPE.
- FINISHED GRADE SHALL BE 1" BELOW THE TOP OF METER BOXES.
- USE FORD STAINLESS STEEL INSERT STIFFENERS IN THE ENDS OF ALL PEX SERVICE LINES AT ALL MECHANICAL FITTINGS.
- FOR SERVICES CROSSING A ROADWAY , INSTALL TRACER WIRE INSIDE THE SLEEVE, FROM THE MAIN TO ONE METER CAN.
- METER TO BE LOCATED AT PROPERTY(R.O.W) LINE UNLESS NOTED OTHER WISE.



**ROAD CROSSING AND DOUBLE SETTER NOTE:**  
SEE SECTION VIEW FOR OTHER NOTES AND ADDITIONAL REQUIREMENTS.  
FOR DOUBLE METER SETTINGS AT ROAD SERVICE CROSSINGS, USE 1" PEX TUBING, 1" CORP STOP AND 1" TAPPING SADDLE. EXTEND THE 1" PEX ACROSS THE ROAD IN A 2" SDR11 HDPE CASING. TEE OFF OF 1" W/ 3/4" FOR EACH METER.



## TYPICAL METER SETTING

NTS

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ENGINEERING

724 Ramm Road, Claremore, Oklahoma 74017  
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**WATER METER & TAP  
DETAILS**  
FOR  
CLAREMORE PUBLIC WORKS AUTHORITY



FOR CONSTRUCTION

Revisions
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DETAILS 3/4" LINE

Drawn by L. HER  
Checked by L. HIX  
Date APRIL 2025  
Project Number E2025-015  
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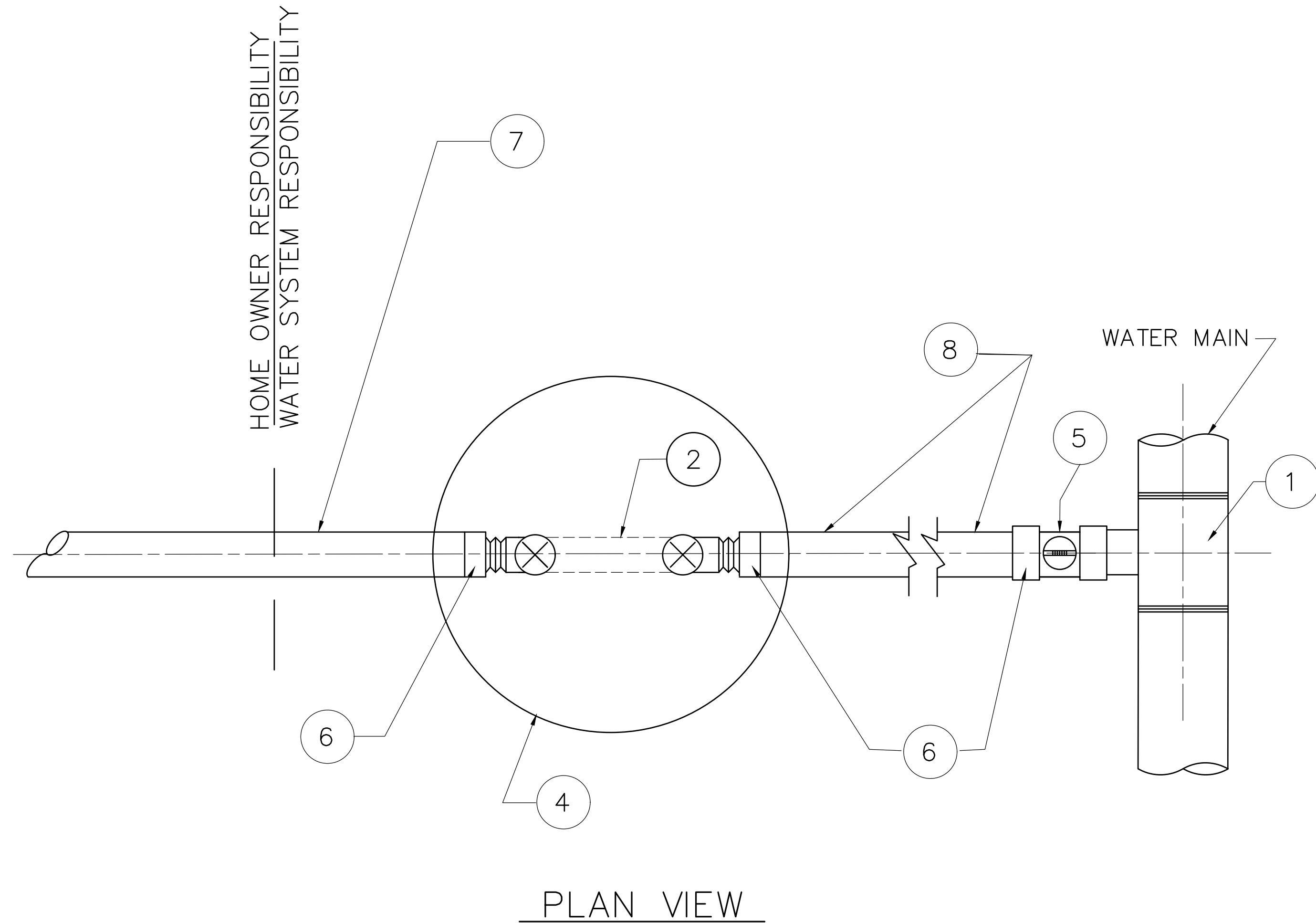
# 1" METER SETTER

⊗ METER NOTES:

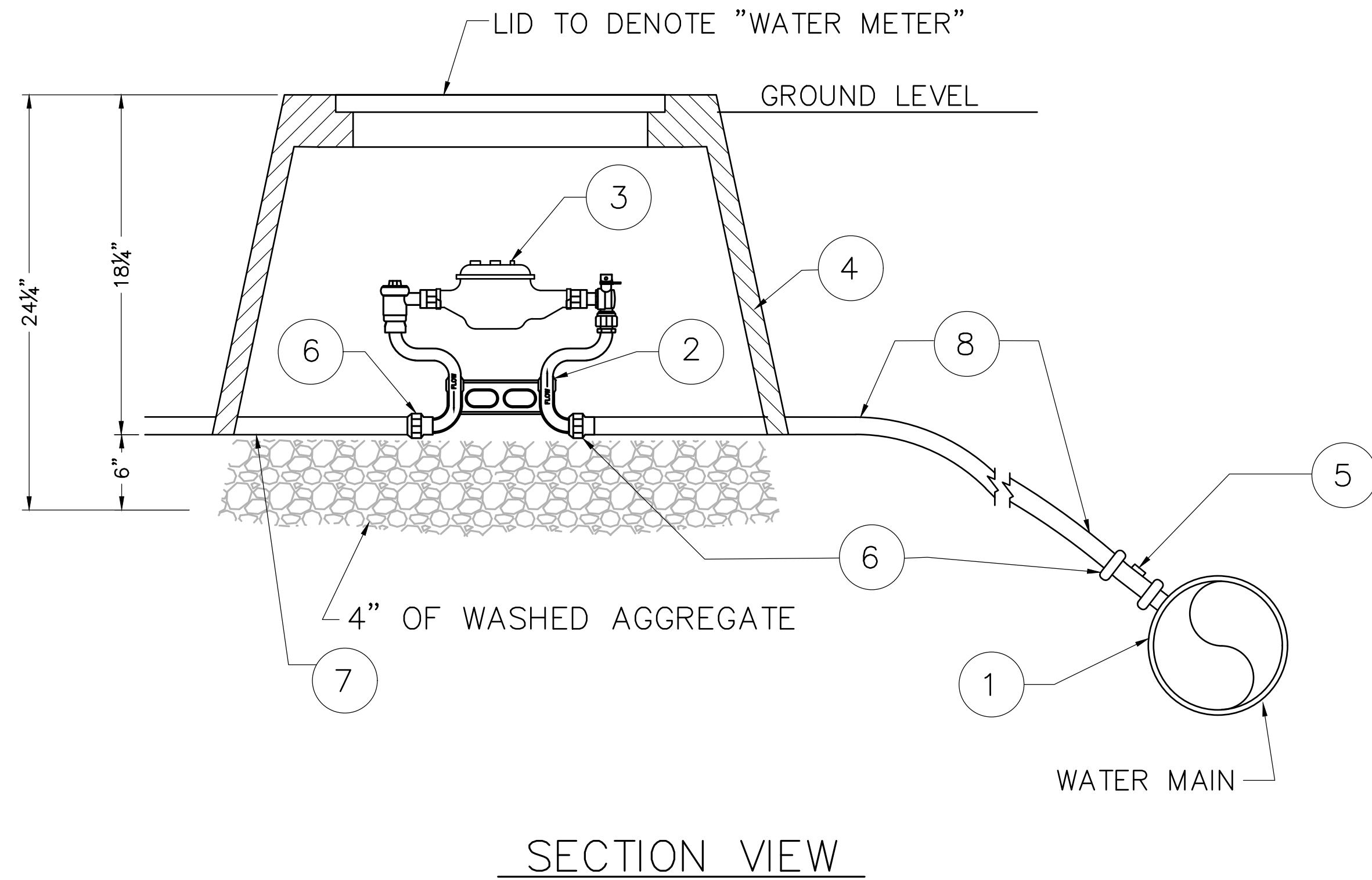
- SMITH-BLAIR 317 SERVICE SADDLE, MAIN X 1" CC THREADS.
- FORD METER SETTER No. VBH74-10W-44-44 NL (PACK JOINT 1" INLET X 1" PACK JOINT OUTLET).
- BADGER 1" RESIDENTIAL WATER METER+ANTENNA(PROVIDED BY CITY)
- DFW 1800A.18.1T SMALL METER CAN W/DFW1200.1T SMALL LID WITH CUT OUT FOR BADGER ANTENNA.
- FORD F 1000-4-NL, 1" CORPORATION STOP, MALE CC THREADS X CTS PACK JOINT.
- CTS PACK JOINT FITTING
- 1" X 6' PEX W/ CAP. STUB OUT OF METER CAN AND CAP IF SERVICE LINE TO HOUSE HAS NOT BEEN INSTALLED
- APPROPRIATE LENGTH OF 1" CTS POLY TUBING (PEX) TO METER.

INSTALLATION NOTES:

- ALL METER BOXES SHALL BE SET PLUMB AND LEVEL.
- METER BOXES SHOULD BE LOCATED AWAY FROM TRAFFIC AREAS WHEN POSSIBLE. IF IN TRAFFIC AREA, CONSULT WITH OWNER ON METER BOX TYPE.
- FINISHED GRADE SHALL BE 1" BELOW THE TOP OF METER BOXES.
- USE FORD STAINLESS STEEL INSERT STIFFENERS IN THE ENDS OF ALL PEX SERVICE LINES AT ALL MECHANICAL FITTINGS.
- FOR SERVICES CROSSING A ROADWAY , INSTALL TRACER WIRE INSIDE THE SLEEVE, FROM THE MAIN TO ONE METER CAN.
- METER TO BE LOCATED AT PROPERTY(R.O.W) LINE UNLESS NOTED OTHER WISE.



**ROAD CROSSING AND DOUBLE SETTER NOTE:**  
SEE SECTION VIEW FOR OTHER NOTES AND ADDITIONAL REQUIREMENTS.  
FOR DOUBLE METER SETTINGS AT ROAD SERVICE CROSSINGS, USE 1.5" PEX TUBING, 1.5" CORP STOP AND 1.5" TAPPING SADDLE. EXTEND THE 1.5" PEX ACROSS THE ROAD IN A 3" SDR11 HDPE CASING. TEE OFF OF 1.5" W/ 1" FOR EACH METER.



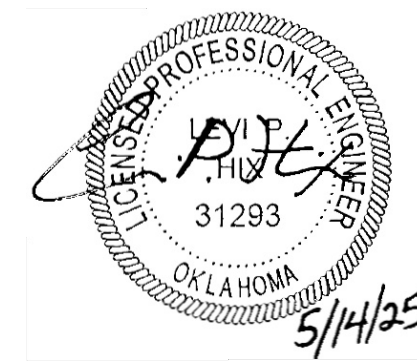
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DETAILS 1" LINE

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Checked by L. HIX  
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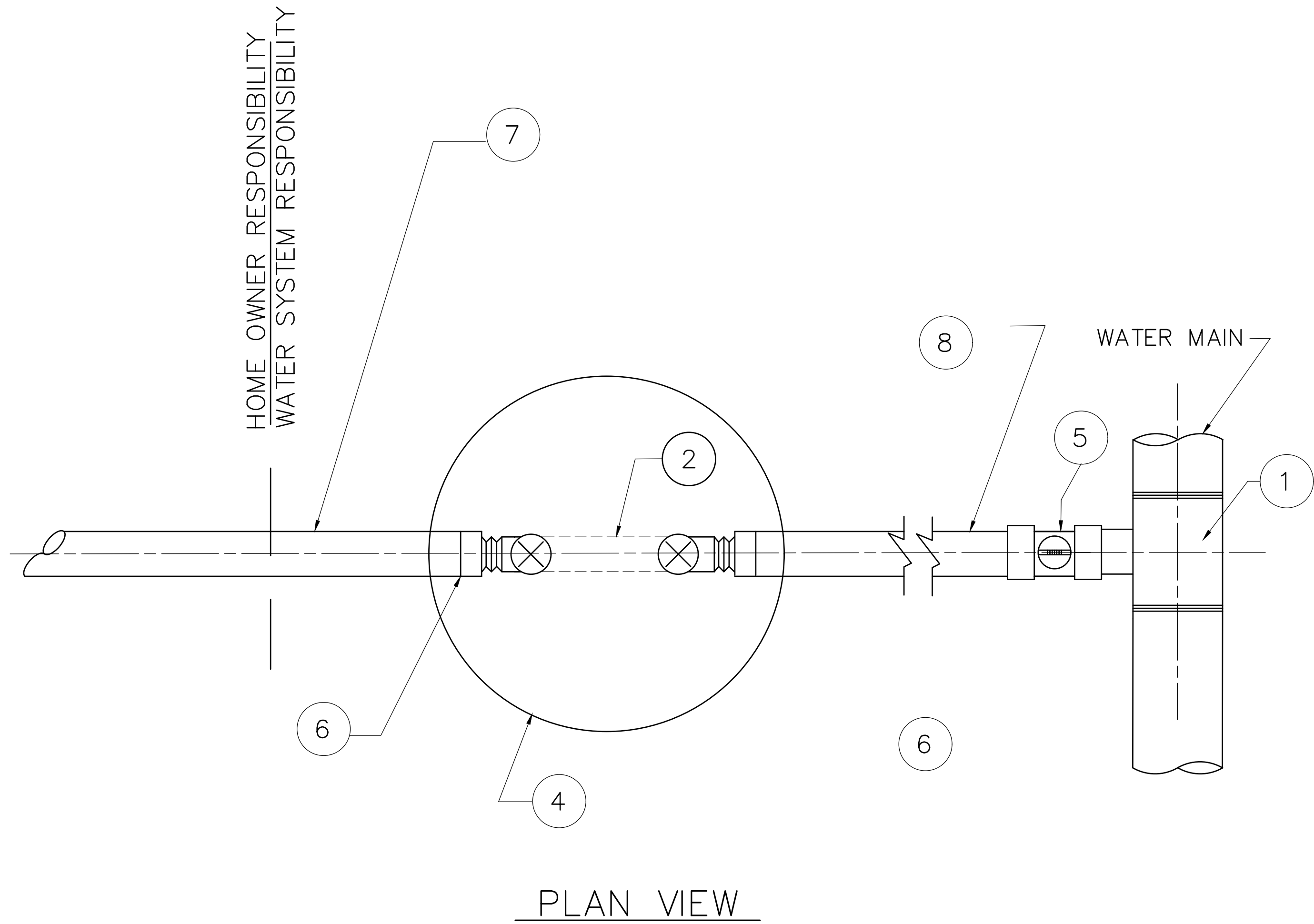


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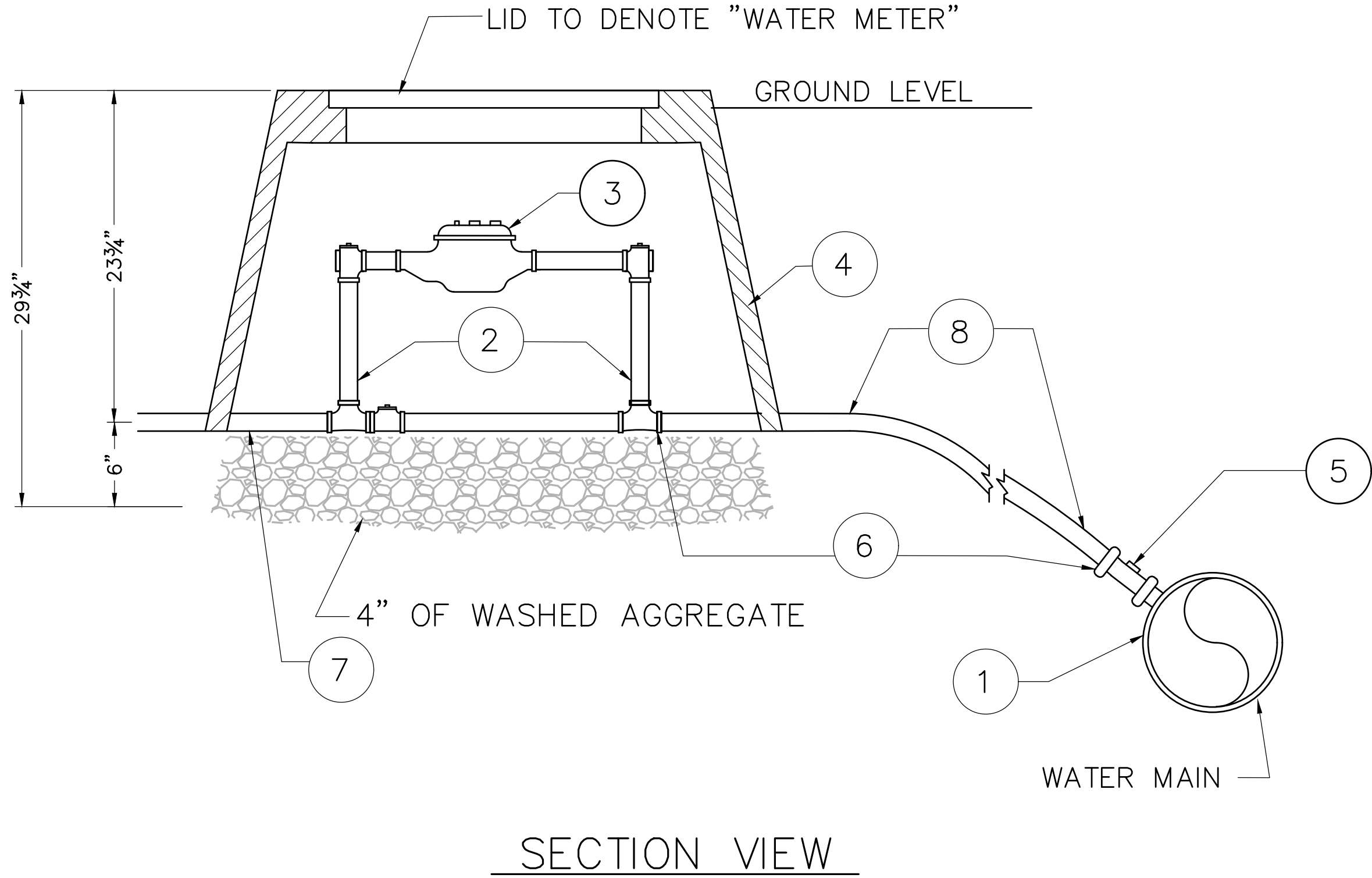
# 2" METER SETTER

- ⊗ METER NOTES:
- SMITH-BLAIR 317 SERVICE SADDLE, MAIN X CC THREADS, MUST BE USED.
  - FORD METER SETTER No. VBH77-12-44-77 NL (PACK JOINT 2" INLET X 2" PACK JOINT OUTLET.
  - BADGER 2" RESIDENTIAL WATER METER+ANTENNA(PROVIDED BY OWNER)
  - DFW DFW1730F-24-1 METER CAN W/DFW1730F-24-1 LID, WITH CUT OUT FOR BADGER ANTENNA.
  - FORD F 1000-7-NL, 2" CORPORATION STOP
  - CTS PACK JOINT FITTNG
  - 2" X 6' PEX W/ CAP. STUB OUT OF METER CAN AND CAP IF SERVICE LINE TO HOUSE HAS NOT BEEN INSTALLED
  - APPROPRIATE LENGTH OF 2" CTS POLY TUBING (PEX) TO METER.

- INSTALLATION NOTES:
- ALL METER BOXES SHALL BE SET PLUMB AND LEVEL.
  - METER BOXES SHOULD BE LOCATED AWAY FROM TRAFFIC AREAS WHEN POSSIBLE. IF IN TRAFFIC AREA, CONSULT WITH OWNER ON METER BOX TYPE.
  - FINISHED GRADE SHALL BE 1" BELOW THE TOP OF METER BOXES.
  - USE FORD STAINLESS STEEL INSERT STIFFENERS IN THE ENDS OF ALL PEX SERVICE LINES AT ALL MECHANICAL FITTINGS.
  - FOR SERVICES CROSSING A ROADWAY , INSTALL TRACER WIRE INSIDE THE SLEEVE, FROM THE MAIN TO ONE METER CAN.
  - METER TO BE LOCATED AT PROPERTY(R.O.W) LINE UNLESS NOTED OTHER WISE.



ROAD CROSSING NOTE:  
SEE SECTION VIEW FOR OTHER NOTES AND ADDITIONAL REQUIREMENTS.  
FOR ROAD SERVICE CROSSINGS, EXTEND THE 2" PEX ACROSS THE ROAD IN A 4" SDR11 HDPE CASING.



## TYPICAL METER SETTING

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DETAILS 2" LINE

Drawn by L. HER

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