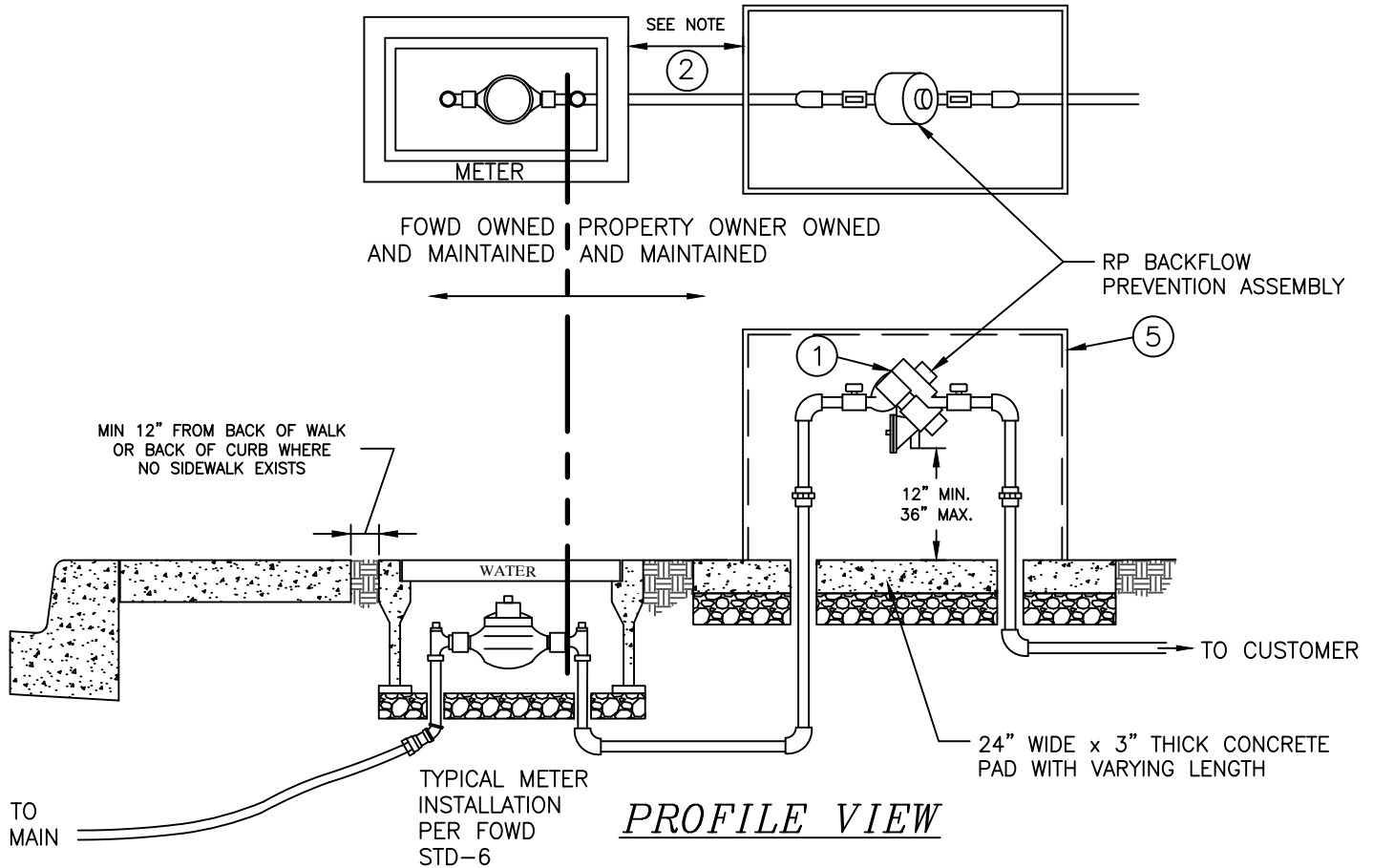


PLAN VIEW



NOTES:

- ①. REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY (RP) SHALL BE APPROVED BY FOWD AND SHALL BE SHOWN ON THE PLANS. THE BACKFLOW ASSEMBLY MUST BE LEAD-FREE, AND APPROVED BY FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH BY THE UNIVERSITY OF SOUTHERN CALIFORNIA. RP SHALL BE ON THE MOST RECENT LIST OF APPROVED ASSEMBLIES (<https://fccchr.usc.edu/list.html>).
- ②. PIPING FROM METER TO BACKFLOW CONNECTION SHALL BE INSPECTED BY FOWD PRIOR TO BACKFILL. THE BACKFLOW ASSEMBLY SHALL BE INSTALLED WITHIN 5 FEET OF THE METER (EXCEPTION TO BE APPROVED BY FOWD). NO TEES ARE ALLOWED BETWEEN METER AND RP ASSEMBLY.
3. BACKFLOW ASSEMBLY TO BE INSPECTED AND CERTIFIED BY A FOWD CERTIFIED TESTER PRIOR TO WATER SERVICE ACTIVATION. ALL PIPING DOWNSTREAM FROM METER, INCLUDING RP IS OWNED AND MAINTAINED BY THE PROPERTY OWNER. RP SHALL BE CERTIFIED ANNUALLY BY A CERTIFIED TESTER AS PER CA STATE REQUIREMENTS.
4. BACKFLOW ASSEMBLY MUST HAVE A SIDE CLEARANCE OF 12", EXCEPT THAT MINIMUM SIDE CLEARANCE OF 24" MUST BE PROVIDED ON THE SIDE OF THE ASSEMBLY THAT CONTAINS THE TEST COCKS.
- ⑤. FOWD RECOMMENDS INSTALLATION OF SECURITY ENCLOSURE DUE TO POTENTIAL DAMAGE OR TAMPERING. ADDITIONALLY, A FREEZE PROTECTION BAG SHOULD BE PLACED AROUND THE ASSEMBLY AND ANY ABOVE-GROUND PIPING.
6. FOWD RECOMMENDS INSTALLATION OF RIGID COPPER OR BRASS PIPE AND FITTINGS FROM POINT OF CONNECTION AT METER THROUGH DOWNSTREAM RISER ON BACKFLOW ASSEMBLY, AND UNIONS ON EACH RISER PIPE SUPPORT.
7. FOWD RECOMMENDS ALL BURIED METAL BE WRAPPED WITH 10 MIL POLY TAPE.

FAIR OAKS WATER DISTRICT

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FAIR OAKS
WATER DISTRICT

REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY FOR 1"-2" SERVICES

STANDARD DRAWING 11

APPROVED:	B. CHETCUTI
DRAWN BY:	D. LEE
DRAWING:	STD-11
REVISED:	JUNE 2026
SCALE:	NONE

STANDARD SPECIFICATIONS