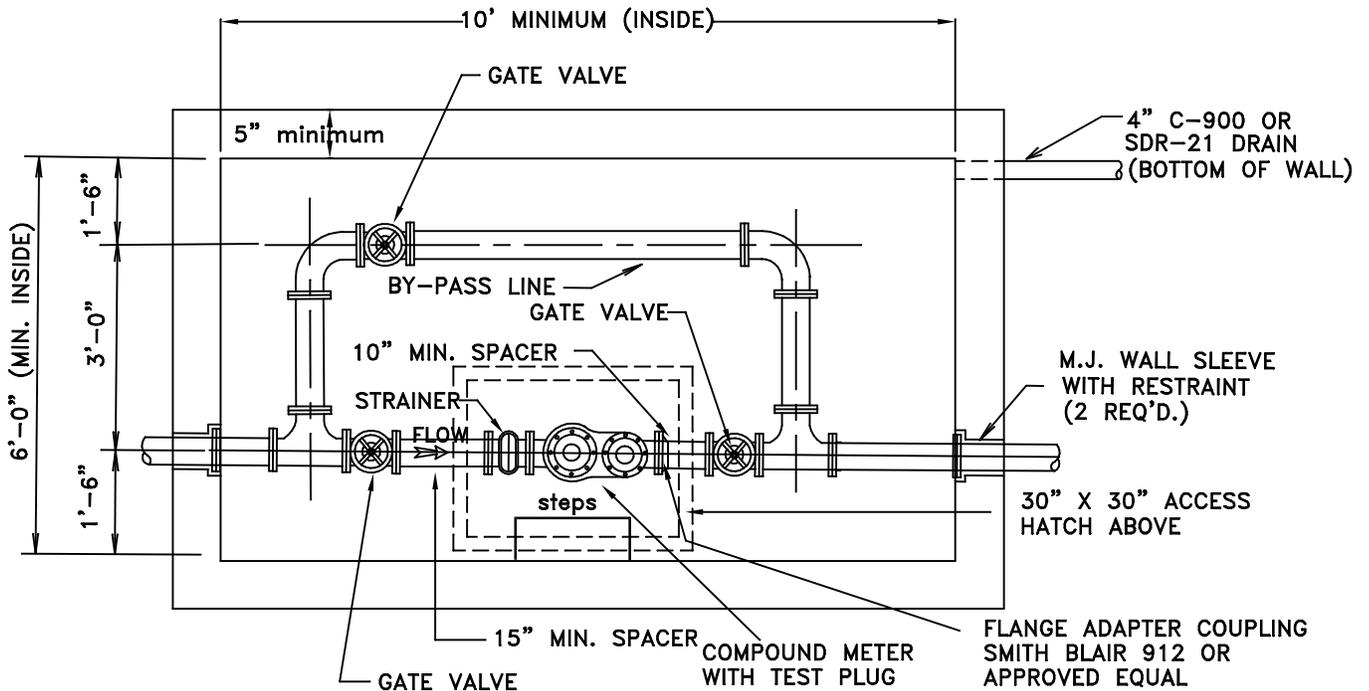


City of Cookeville
 Dept of Water Quality Control



MASTER METER PIT DETAIL FOR METERS OVER 2" IN SIZE
 NOT TO SCALE

Date: 3-14-2023

NOTES:

1. Slope floor to drain.
2. Tie floor drain to nearest storm drain or ditch.
3. Steps shall be cast-in-place (plastic w/encapsulated steel rod)
4. Water meter shall be a SENSUS Omni C2 Meter with pulse output approved by the City of Cookeville, furnished with test plug and strainer. Meters must read U.S. Gallons. Meter shall be furnished AMI ready with Sensus smartpoint 520M pit set module mounted through the hatch. City shall specify location for hole prior to drilling. Maximum meter size is 6". If water demand is greater, additional meters must be installed.
5. Meter pit to be constructed of precast concrete with a minimum thickness of 5".
6. Access door to be placed over meter for ease in reading.
7. Access door shall be made of aluminum with T-316 S.St hardware and spring assist-hold open arm. (Bilco or approved equal (Halliday)).
8. If pressure reducer is required, it must be installed downstream of the meter pit to also control the by-pass line.
9. Meter shall be set a minimum of 36" and a maximum of 48" below finished ground elevation.
10. All piping inside water meter pit shall be constructed of flanged Ductile Iron pipe. DI to be extended a minimum of 4' outside of pit.
11. The floor of the water meter pit shall be a minimum of 24" below the bottom of the water meter.
12. Meter Pit bottom shall rest on a minimum of 6" of compacted crushed stone.
13. A shop drawing of the internal piping shall be submitted for approval.