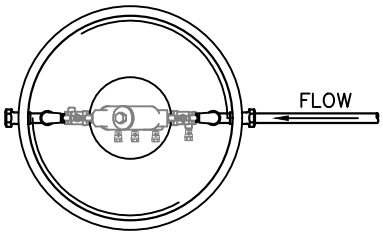
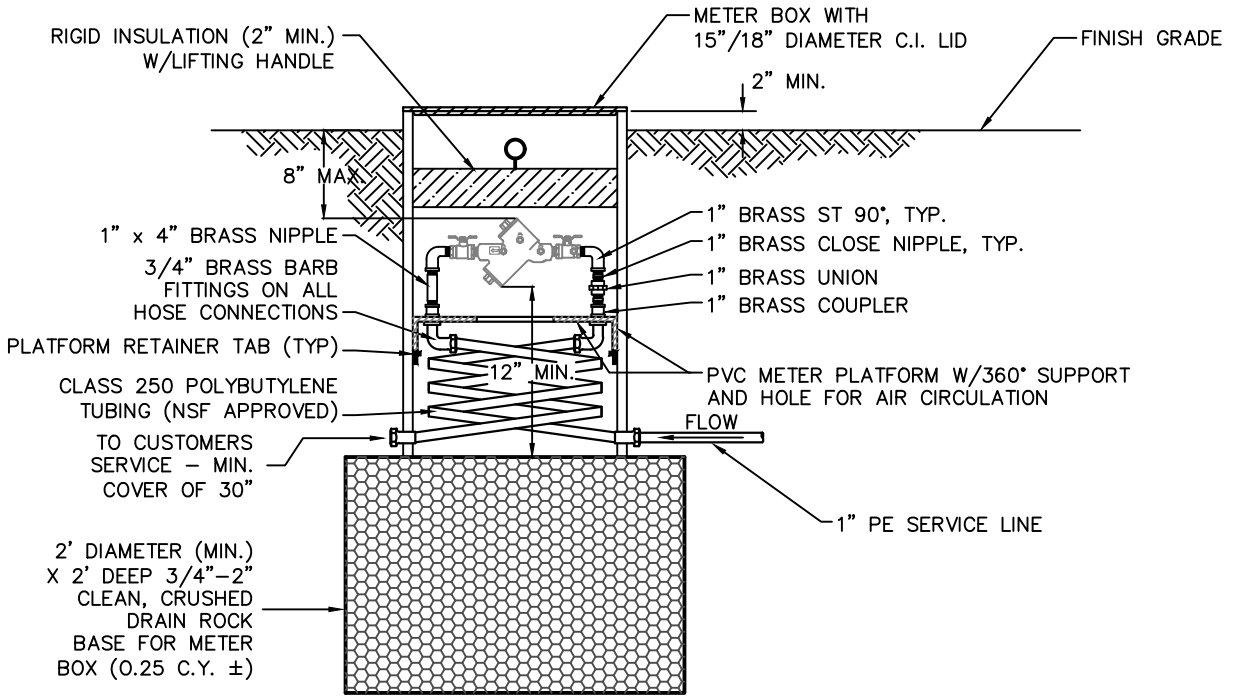
PREPARED BY

SHAW ENGINEERING



PLAN VIEW



ELEVATION VIEW

1. DURING TESTING/SERVICING PVC METER PLATFORM SHALL BE RAISED ABOVE GOUND IN ORDER TO PROVIDE HORIZONTAL CLEARANCES IN ACCORDANCE WITH NAC 445A

2. METER BOXES: METER BOXES SHALL BE MADE OF EXTRUSION GRADE PVC MATERIAL WITH A WALL THICKNESS OF AT LEAST .240 FOR A 15" DIAMETER BOX AND .300 FOR A 18" DIAMETER BOX. THE LID SHALL BE CAST IRON, TAR COATED, AND SHALL BE SUFFICIENTLY STRONG TO SUPPORT PEDESTRIAN TYPE TRAFFIC. THE LID SHALL BE CAST WITH A RIM EXTENDING 1/2" BELOW THE BASE TO FIT INSIDE THE TOP OF THE BOX. A LIFTING HOLE SHALL BE PROVIDED FOR RAISING THE LID, WHICH SHALL BE CLEARLY MARKED "WATER". THE LID SHALL BE NON–LOCKING. BRASS USED IN MANUFACTURING SHALL BE "LEAD FREE" AND COMPLY WITH THE LATEST AWWA STANDARDS FOR WATER WORKS BRASS. THE BOX SHALL BE PROVIDED WITH INLET AND OUTLET CONNECTIONS AS SPECIFIED BY SVGID. THE PLATFORM SHALL HAVE AN 8–1/2" HOLE FOR WARM AIR FLOW AND BE PROVIDED WITH FULL 360 DEGREE SUPPORT. A MINIMUM OF 2" OF INSULATION SHALL BE PROVIDED BETWEEN THE LID AND THE METER PLATFORM, WITH A HANDLE FOR EASY DEVICE ACCESS. POLYBUTYLENE COIL SHALL BE OF THE TYPE RESIN WHICH IS COVERED BY THE FOLLOWING STANDARDS: ASTM D2662, ASTM 2666, AWWA C–902, CSA B137.7 AND HUD UM778.

3. DOUBLE CHECK DEVICE: DOUBLE CHECK VALVE BACKFLOW PREVENTION DEVICE TYPE TO BE DETERMINED PER NAC 445A AND SVGID REQUIREMENTS.

4. ALL PIPING SHALL BE NSF 14 OR NSF 61 CERTIFIED.

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DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY 3/4" & 1" SERVICE

NOT TO SCALE

DRAWING SV-12

REVISED 05/2017