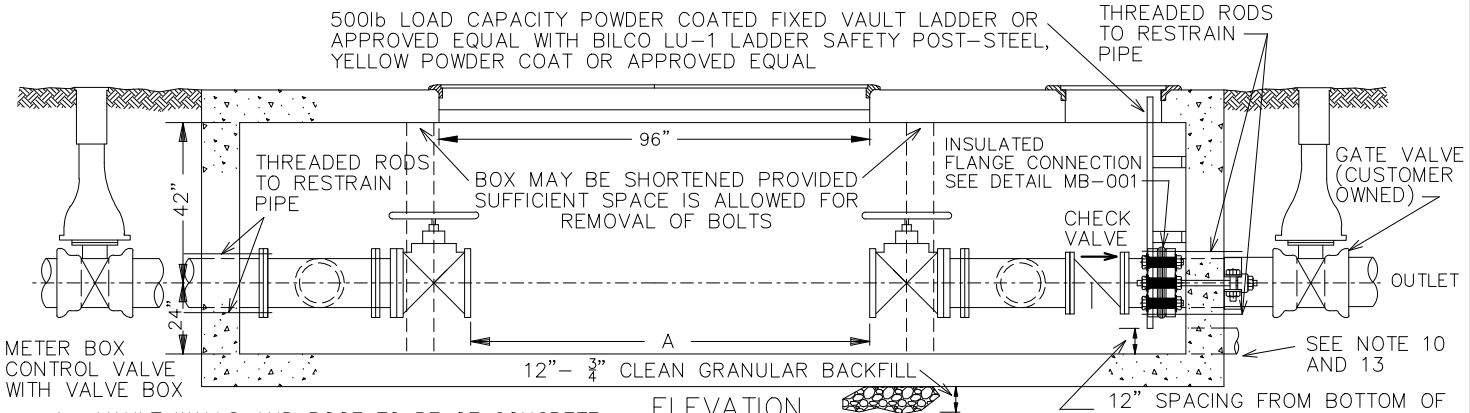


METER SIZE	A
4"	69"
6"	81"
10"	96"
8"	96"
10"	96"

**PLAN**



**ELEVATION**

1. VAULT WALLS AND ROOF TO BE OF CONCRETE.
2. LIDS AND FRAMES OF OPENING TO BE SET IN PLACE, NOT IN CONCRETE. LIDS SHALL BE MADE OF ALUMINUM & SPRING LOADED. OPENING WILL REQ. DOUBLE DOORS FOR ALL METER SIZES WITH AN OPENING OF 96"x 48" TO ALLOW UNRESTRICTED ACCESS OF OPENING TO BE FLUSH WITH OUTLET VALVE FLANGE.
3. VALVING MUST HAVE FLANGED ENDS, BE IN ALIGNMENT, AND BE ADEQUATELY SECURED TO WITHSTAND WATER THRUST WITH METER REMOVED.
4. CLASS 52 D.I. PIPING THROUGH BOX AND EXTENDED MIN. 6' OUTSIDE BOX. (ZINC COATED DI PIPE WITH V-BIO POLYWRAP OPTIONAL IN HIGHLY CORROSIVE SOIL AREAS)
5. OWNER SUBJECT TO SUBSIDY COST FOR METER.
6. METER BOX CONTROL VALVES TO BE LOCATED AS NEAR TO METER BOX AS PRACTICAL.
7. CONNECTION TO PUBLIC WATER MAIN WILL NOT BE MADE BEFORE METER PIT AND PIPING ARE COMPLETE AND PROPERTY LINE VALVE INSTALLED, UNLESS APPROVED BY AUTHORIZED COMPANY REPRESENTATIVE.
8. ANY DEVIATION FROM PIPE DEPTH SHOWN MUST BE APPROVED BY AUTHORIZED COMPANY REPRESENTATIVE PRIOR TO CONSTRUCTION.
9. BOX TO BE SET WITH TOP OF BOX AT FINISHED GRADE WITH NO EXTENSION ALLOWED.
10. DRAINAGE FACILITIES MUST BE PROVIDED, OR BOX OTHERWISE KEPT FREE OF WATER. NO FRENCH DRAINS ALLOWED UNLESS APPROVED BY AUTHORIZED COMPANY REPRESENTATIVE.
11. BY-PASS SIZE SAME AS METER SIZE.
12. CHECK VALVES REQUIRED FOR EACH METER BOX INSTALLATION AND SHALL BE RATED AT 250 PSI AND SHALL HAVE A RESILIENT SEAT.
13. DRAIN NEEDS TO BE GRADED TO ALLOW WATER DRAINAGE AWAY AND OUT FROM VAULT
14. ALL STEEL BOLTS INCLUDING THE NUTS, WASHERS, LUGS, CLAMPS, AND BRACKETS USED FOR BOLT ACCESSORIES SHALL COMFORM TO AWWA C111 STANDARDS AND SHALL BE FACTORY COATED WITH AN APPROVED PTFE FLUOROPOLYMER COATING. THREADED RODS INCLUDING THE NUTS AND STANDARD WASHERS USED FOR THREADED ROD ACCESSORIES SHALL MEET ASTM F1554 GRADE 55 OR GRADE 105 WITH HEAVY HEX DH NUTS AND SHALL BE COATED WITH PTFE FLUOROPOLYMER COATING. APPROVED PTFE FLUOROPOLYMER COATING PRODUCTS INCLUDE FLUOROKOTE #1™, OR XYLAN™, SERIES 1420, 1421, 1424, OR APPROVED EQUAL. PTFE FLUOROPOLYMER COATINGS SHALL BE BAKED ON OR THERMALLY SET BY THE COATING MANUFACTURER.

A TEMPORARY FLANGED DUCTILE IRON SPOOL PIECE MUST BE INSTALLED IN THE PLACE OF THE METER LOCATION(S), 3" AND LARGER, TO ENSURE PIPE ALIGNMENT. MAWC PERSONNEL WILL REMOVE SPOOL PIECE AT TIME OF METER INSTALLATION AND WILL LEAVE IN METER VAULT FOR CONTRACTOR TO ACQUIRE FOR FUTURE USE.

DRG. #MB-FFS