



NOTE:

1. ALL CLEARANCE DIMENSIONS ARE MINIMUMS.
2. ALL JOINTS TO BE FLANGED THROUGH OUT VAULT.
3. REINFORCED CONC. WALL WILL HAVE NO.4 BARS 12" O.C. EACH WAY, REINFORCED STEEL WILL HAVE 2" COVER FROM INSIDE WALL.
4. REINFORCED CONCRETE LID WITH ALUMINUM DOORS, H-20 LOADING TO BE USED IN TRAFFIC SITUATIONS.
5. SUBSTITUTE MATERIALS MAY BE USED AS APPROVED BY THE ENGINEER.
6. STEPS ARE TO BE INSTALLED IN ALL VAULTS EXCEEDING 4 FEET DEEP AT A LOCATION FOR EASE OF ACCESS.
7. CONCRETE TO BE A MINIMUM OF 3000 PSI.
8. OPENING IN CONCRETE WALL TO BE LARGE ENOUGH FOR FLANGE OF PIPE.
9. WHEN MANHOLE COVERS ARE USED FOR VAULT LID, A MINIMUM OF 2 MUST BE INSTALLED.
10. ALL METERS MUST BE INSTALLED LEVEL.
11. MFM-MCT METERS MUST BE INSTALLED WITH AT LEAST 8 DIAMETERS OF STRAIGHT PIPE SAME SIZE AS METER ON INLET SIDE.
12. ALL VALVES GREATER THAN 2" SHALL BE OS&Y VALVES

A	5'-0"
B	6'-0"(MIN)
C	10'-0"
D	11'-0"(MIN)
E	0'-6"(MIN)
F	0'-6"
H	2'-0"
J	1'-6"
L	1'-6"



DATE 8/16/04	REVISED 09/30/05	SCALE NOT TO SCALE	DETAIL SC-26
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4" WATER CONNECTION (SHEET 2 OF 2)
 CITY OF BURLINGTON, NORTH CAROLINA
 ENGINEERING DEPARTMENT