



**GENERAL NOTES:**

1. HERSEY FM3 6" WITH 2" MVR-30 BY-PASS METER WATER METER ASSEMBLY EQUIPPED WITH AMR READ CUBIC FEET REGISTRATION, OR EQUAL. THE LOCATION OF THE FITTINGS MUST COMPLY WITH THE MANUFACTURERS RECOMMENDATIONS FOR STRAIGHT PIPE CONDITIONS.
2. MASTER METER ASSEMBLY TO BE RESTRAINED DUCTILE IRON FLANGE PIPE WITHIN VAULT
3. WATER MAIN AND FITTINGS TO BE A MAXIMUM OF 3.5 BELOW FINISHED GRADE
4. PRECAST CONCRETE BELOW-GROUND VAULT(S) WITH H-20 LOADING. VAULT(S) AND OPENINGS SHALL BE WATER TIGHT AND SEALED. MASTIC GASKETS, NON-SHRINKING GROUT AND RESILENT PIPE CONNECTORS SHALL BE USED, AS REQUIRED. ANTI-FLOATATION MEASURES MUST BE PROVIDED.
5. 2-INCH TEST PORT BY TAP-SADDLE, BALL VALVE, AND PLUG
6. RESILENT WEDGE GATE VALVE NON-RISING STEM WITH HAND WHEEL
7. APPROPRIATE BACKFLOW ASSEMBLY, IN ACCORDANCE WITH THE CITY OF CONCORD CODE OF ORDINANCE. BACKFLOW ASSEMBLY MUST BE LOCATED WITHIN 5- FEET OF METER UNLESS OTHERWISE APPROVED BY THE CITY OF CONCORD BACKFLOW ADMINISTRATOR.
8. THE DOOR(S) MUST BE FLUSH MOUNT, LOCKABLE AND SIZED SUCH THAT THE VALVES, METER, AND TEST PORT ARE LOCATED WITHIN THE DOOR(S) OPENING AND ACCESSIBLE TO CITY OF CONCORD STAFF.
9. 12-INCHES OF HORIZONTAL CLEARANCE MUST BE PROVIDED BETWEEN THE INTERIOR VAULT WALL AND ANY ASSOCIATED FITTINGS OR APPURTENANCES AND 12-INCHES OF HORIZONTAL CLEARANCE BETWEEN ALL INTERNAL BY-PASS ASSEMBLY FITTINGS AND THE METER ASSEMBLY FITTINGS.
10. ROMAC DJ405 DISMANTLING JOINT OR EQUIVALENT.
11. ALL BENDS AND/OR VALVE FITTINGS SHALL BE LOCATED AT LEAST 30-INCHES FROM THE COMPOUND METER'S FRONT FLANGE AND 20-INCHES FROM METER'S REAR FLANGE. THE TEST PORT CONNECTION SHALL BE LOCATED AT LEAST 24-INCHES FROM THE METER'S REAR FLANGE.
12. SHOP DRAWINGS FOR PROPOSED VAULT(S), METER, DOOR(S), AND ASSEMBLY MUST BE SUBMITTED TO THE CITY OF CONCORD ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.

<b>6" WATER METER WITH 2" BY-PASS ASSEMBLY WITH H-20 LOADING VAULT STANDARD DETAIL</b>				
			MASTER WATER METER ASSEMBLY FOR PRIVATE WATER DISTRIBUTION SYSTEMS	
1	3-31-15	svm	Removal of "Compound" text and title change	
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svm	MSH	MSH	01/13	