MATERIALS LIST—(ALL SIZES ARE SAME AS METER UNLESS OTHERWISE LISTED)

1. 2-MECH. CPLG. TO FIT, EQUAL TO ROMAC 501 (4"x3" REDUCER, M.J. FOR 3" METER INSTALLATION ON UPSTREAM SIDE OF VAULT).

2. 2-GATE VALVE, FLANGE.

3. 1-SENSUS OMNI C2 METER WITH INTERNAL STRAINER WITH ELECTRONIC REGISTER RESOLUTION (100'S OF CUBIC FEET FOR 3" METER, 500 CUBIC FEET FOR 4"-6" METER) REGISTER.

4. 1-DJ. ADPT. FLXPE. LENGTH TO FIT.

5. 1-CPLG. ADPT., FL. ROMAC - FCA 501.


7. WELDED FL. RESTRAINT OR MEGALUG MID-SPAN RESTRAINT AND THRUST BLOCK ADJACENT TO VAULT STANDARD DETAIL W-56.


9. 1-GALVANIZED STEEL LADDER TO BE ATTACHED TO VAULT. SEE NOTE 11.

10. TR/PL SENSOR (TO MOUNT IN VAULT ACCESS DOOR).

NOTES:

1. ALL MATERIALS INCLUDING METER SHALL BE FURNISHED BY CONTRACTOR.

2. ALL PIPE & FITTINGS 3" AND LARGER SHALL BE CEMENT LINED DUCTILE IRON, CLASS 52 MINIMUM.

3. PIPING FROM MAIN TO VAULT SHALL BE 4" ON 3" METER INSTALLATION. TEE WITH VALVE ON EXISTING MAIN REQUIRED.

4. VAULTS SHALL NOT BE INSTALLED IN AREAS WITH VEHICULAR TRAFFIC.

5. TEST PORT NOZZLE SHALL BE DIRECTED UPWARD UNLESS OTHERWISE DIRECTED. (SEE ITEM 8).

6. IN CENTRAL BUSINESS DISTRICT, CONNECT TO WATER MAIN WITH 8" PIPE. SUBSTITUTE 8" X SERVICE SIZE REDUCER, M.J. FOR ITEM 1 ON UPSTREAM SIDE OF VAULT.

7. VAULT COVER SHALL INCLUDE 2 LOCKING ALUMINUM LW HATCH DOORS (PART NO. HHD-48x48") WITH SLIP RESISTANT TREATMENT PER SECTION W4-17 OF THE ENGINEERING STANDARDS. DOORS SHALL BE CAST IN COVER WITH 8" SPECIAL OFFSET FROM VAULT WALL, AS SHOWN. COVER TO READ "WATER".

City of Bellevue
WATER UTILITY

TITLE
3" TO 6" IRRIGATION METER INSTALLATION

NO. W-35

JANUARY 2014
NO SCALE