MATERIAL LIST, 3" & 4" METER

1. FLEX. CPLG. TO FIT, ROMAC 501 OR APPROVED EQUAL. (4" X 3" REDUCER, M.J. FOR 3" METER INSTALLATION)
2. DOUBLE STRAP SADDLE, ROMAC 202NU OR APPROVED EQUAL.
3. 2” IPXIP BALL CORP. FORD FB500-7 OR APPROVED EQUAL.
4. 2" BRASS 90° BEND.
5. 2” FORD B11-777 FIPS X FIPS 1/4 TURN BALL VALVE (WITH LOCKING EAR), OR APPROVED EQUAL, WITH ONE 2” X 6” BRASS NIPPLE.
6. FORD QUICK JOINT C85-77Q OR APPROVED EQUAL.
7. M&H C515 STYLE 7000 FLG X FLG RESILIENT SEATED GATE VALVE WITH SQUARE OPERATING NUT OR APPROVED EQUAL.
8. METRON METER WITH 2” TAPPED FLANGED SPACER AND SENSS Radio MXU PROVIDED BY THE CITY AT THE CONTRACTORS EXPENSE. LENGTH OF VARIES BY SIZE.
9. FLG X SPOOL, 12” MINIMUM. CONNECTION AT GATE VALVE MAY USE OPTIONAL EZ FLANGE 1000 OR APPROVED EQUAL.
10. CPLG ADPT. FLG ROMAC FCA 501 OR APPROVED EQUAL.
11. PRECAST VAULT TO BE APPROPRIATELY SIZED FOR SIZE OF WATER SERVICE. ACCESS HATCH TO BE LW PRODUCTS, HS-30, 3’ X 5’ SINGLE DOOR WITH NON-SLIP FINISH. LID OPENING TO BE PLACED FOR PROPER LADDER ACCESS.
12. ROMA-GRIP RESTRAINT OR APPROVED EQUAL.
13. 2” BRASS PIPE CUT AND THREADED TO FIT.
14. LADDER PER W-27C.
15. WHEN INSTALLING VAULT IN SIDEWALK OR PAVED AREAS, SET FRAME AND HATCH AT FINISHED GRADE. VAULT TOP SLAB SHALL REMAIN BELOW GRADE.

NOTES:
A. - 9.5” MIN.
B. - 6.0” MIN.
C. - 2.5’ MIN.
D. - 1.0’ MIN.
E. - 4.0” MIN.
F. - PIPING FROM MAIN TO VAULT SHALL BE D.I. WITH A 4” MIN. TAP.
G. - PIPE OPENINGS SHALL BE CORED AND SEALED USING A LINK SEAL OR APPROVED EQUAL. NO GROUT PERMITTED.

CITY OF MERCER ISLAND
STANDARD DETAILS
WATER
3” & 4” DOMESTIC METER INSTALLATION
9-03-2014 NO SCALE W-15
REV DATE NO SCALE APPROVED