



PLAN VIEW

- 1 REDUCER SIZED AS REQUIRED.
- 2 SINGLE STRAP SERVICE CLAMP, ROMAC 101 WITH IPS TAP, OR EQUAL (1 1/2" OR 2" BYPASS, 4-INCH BYPASS REQUIRES D.I. TEE).
- 3 FITTINGS AS REQUIRED.
- 4 BEND COUPLING COPPER TO COPPER MUELLER H-15525.
- 5 BEND COUPLING, COPPER TO OUTSIDE I.P. THREAD MUELLER H-15530, OR EQUAL.
- 6 BALL VALVE WITH PADLOCK WING OR LOCK CAP, FORD B21-444W OR B21-666 WITH LOCK CAP OR B21-777 WITH LOCK CAP. SIZED TO LINE.
- 7 RESILIENT SEAT GATE VALVE, FL X FL SIZED TO METER.
- 8 METER SHALL BE FURNISHED AND INSTALLED BY DEVELOPER FROM A MANUFACTURER DESIGNATED BY THE DISTRICT.
- 9 D.I. PIPE SPOOL FL X PE LENGTH TO FIT. SEE COMMENTS ON NEXT SHEET.
- 10 FL COUPLING ADAPTER
- 11 PRECAST CONCRETE VAULT, UTILITY VAULT OR EQUAL, SEE DETAIL W15B FOR SIZING AND REQUIREMENTS.
- 12 MEGA-LUG FOLLOWER INSTALLED ON INFLOW SIDE OF VAULT WITH CONCRETE THRUST BLOCK .
- 13 DIELECTRIC COUPLING TO BUILDING SERVICE. SIZE AS REQUIRED.
- 14 GALV. STEEL OR ALUMINUM LADDER. LADDER IF 4' DEEP OR LESS; SHIP LADDER PER DETAIL G4 IF OVER 4' DEEP. SECURE TO VAULT LID AND FLOOR. COORDINATE LOCATION FOR ACCESS. HATCH HINGE LOCATION SHALL ACCOMMODATE SHIP LADDER.
- 15 BY-PASS (SIZE BY TABLE BELOW).
- 16 6" PVC TO CATCH BASIN OR DAYLIGHT. WHERE GRAVITY DRAIN IS NOT FEASIBLE, PROVIDE SUMP, ELECTRICAL SERVICE AND PUMP WITH DISCHARGE TO SURFACE DRAIN. PUMP SHALL BE 1/2 HP ZOELLER M-53, WITH CHECK VALVE ON DISCHARGE LINE.
- 17 WATER METER STRAINER (FL) SENSUS OR EQUAL.
- 18 HOLE DRILLED IN LID, STREET SIDE FOR METER READING COORDINATE WITH DISTRICT.
- 19 INSTALL BLOW-OFF ASSEMBLY UPSTREAM OF VAULT. (PER DETAIL W11)
- 20 RESILIENT SEAT GATE VALVE, MJ X MJ SIZED TO METER.

METER SIZE	MAIN-LINE	BYPASS	A	B
3"	4" DI.	1 1/2" COPPER	9"	4"
4"	4" DI.	1 1/2" COPPER	9"	4"
6"	6" DI.	2" COPPER	9"	4"
8"	8" DI.	4" DI.	14"	6"
10"	10" DI.	4" DI.	16"	6"

NOTES:

1. SEE W15B FOR ELEVATION AND NOTES.



**METER VAULT ASSEMBLY
3-INCH THROUGH 10-INCH**

DATE: 11-2022

DWG: W16A