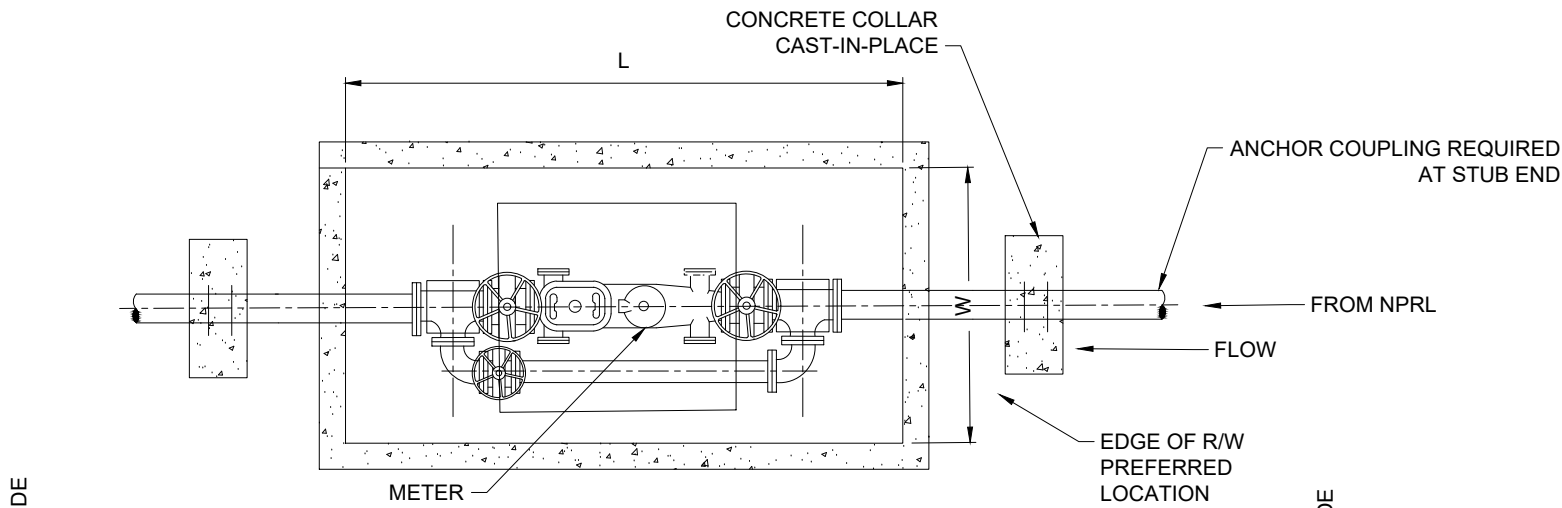
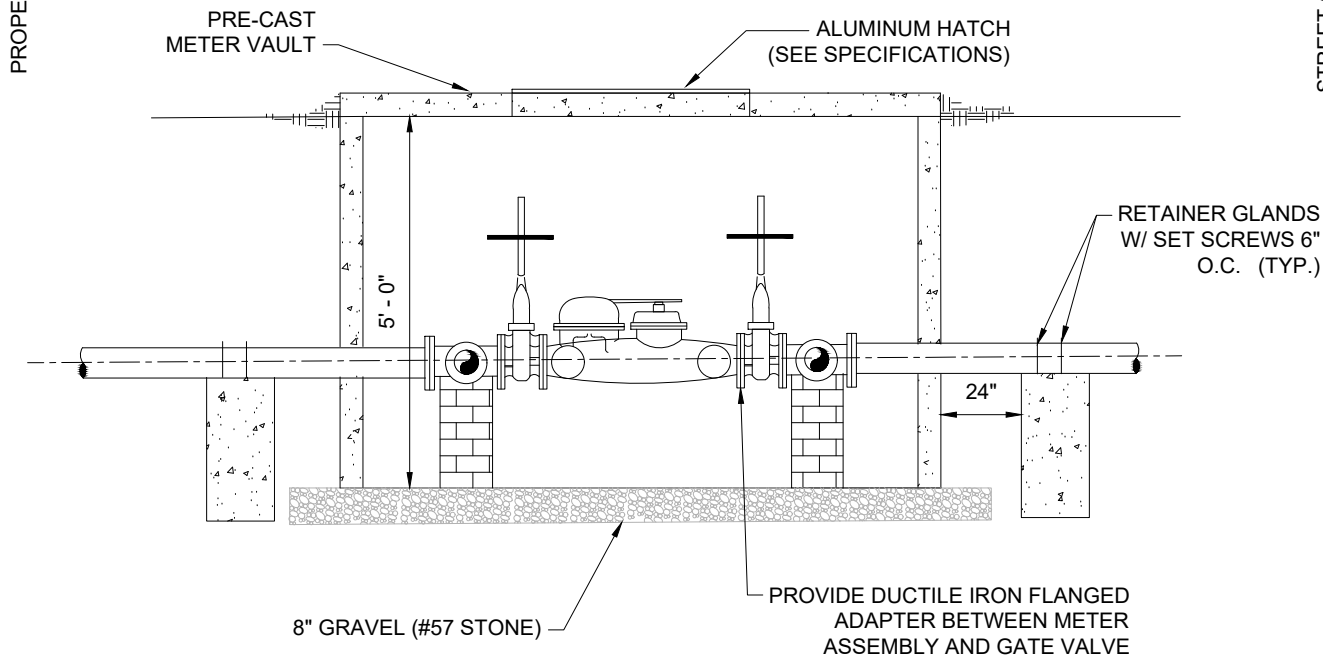


605 - Large Reclaimed Water Meter and Vault.dwg March 17, 2026 - 3:28pm



VAULT PLAN VIEW



VAULT ELEVATION VIEW

NOTES:

1. BOXES EXCEEDING 5' DEPTH MUST BE APPROVED BY FULTON COUNTY.
2. WHEN METER BOX CANNOT BE LOCATED ENTIRELY ON R/W, A PERMANENT EASEMENT SHALL BE OBTAINED TO PREVENT FENCES OR OTHER OBSTRUCTIONS FROM BEING ERECTED AROUND THE METER BOX.
3. COVER OPENING TO BE PLACED NEAREST THE METER REGISTER.
4. THE METER MUST BE INSTALLED WITH AT LEAST 8 DIAMETERS OF STRAIGHT PIPE SAME SIZE AS METER ON THE INLET SIDE TO PERMIT ON-SITE MAINTENANCE AND CALIBRATION, A STRAINER MAY BE PROVIDED IN LIEU OF THE STRAIGHT PIPE IN ACCORDANCE WITH THE METER MANUFACTURER'S RECOMMENDATIONS, AN INLET AND OUTLET GATE VALVE WITH BYPASS LINE ARE REQUIRED (SEE ILLUSTRATION).
5. THESE BOXES ARE ARE NOT TO BE INSTALLED IN TRAFFIC AREAS WITHOUT PRIOR PERMISSION FROM FULTON COUNTY.
6. ALL VALVES AND FITTINGS INSIDE THE VAULT SHALL BE FLANGED.
7. ALL FITTINGS OUTSIDE THE VAULT SHALL BE PUSH-ON JOINT WITH AMERICAN 'FAST-GRIP' GASKETS OR APPROVED EQUAL.
8. ALL METERS SHALL COME EQUIPPED WITH A TOUCHREAD OR TOUCHLESS SENSOR COMPATIBLE WITH FULTON COUNTY'S METER READING EQUIPMENT.
9. THIS DETAIL ALSO AUTHORIZED FOR INSTALLATIONS OF 3" AND LARGER RE-USE METERS.
10. HATCH SHALL BE 4' X 6' , DOUBLE LEAF, FLUSH MOUNT, $\frac{1}{4}$ " DIAMOND PLATE, ALUMINUM DOORS LOCKABLE WITH A $\frac{5}{8}$ " ROD. HATCH SHALL BE BILCO #PDCM-3 OR PRE-APPROVED EQUAL FOR 6" & 8" METERS.
11. HATCH SHALL BE 3'6" X3'6" SINGLE LEAF FLUSH MOUNT $\frac{1}{4}$ " DIAMOND PLATE, ALUMINUM LOCKABLE WITH $\frac{5}{8}$ " ROD. HATCH SHALL BE B.LCO#PCM - 5 OR PRE-APPROVED EQUAL FOR 3" & 4" METERS.
12. PROVIDE 12-INCH x 12-INCH x 6-INCH DEEP SUMP IN CORNER FOR SUMP PUMP.

TABLE 605-1
SANITARY SEWER DIMENSIONS

METER SIZE	VAULT			HATCH SIZE
	L	W	D	
3"	9'	5'	6'	3'6" X 3'6"
4"	9'	5'	6'	3'6" X 3'6"
6"	12'	6'	6'	4' X 6'
8"	12'	6'	6'	4' X 6'

FULTON COUNTY STANDARD DETAIL 605

LARGE RECLAIMED WATER METERS AND VAULT

DATE	REVISIONS	DATE	REVISIONS

DGS/DRN/CHKD: MB/EB/ML

APPROVED: TM

DATE: 02-18-2026



FULTON COUNTY PUBLIC WORKS
141 PRYOR ST. ATLANTA, GA. 30303
404-612-7400 FAX: 404-224-0498

DRAWING NO.

605