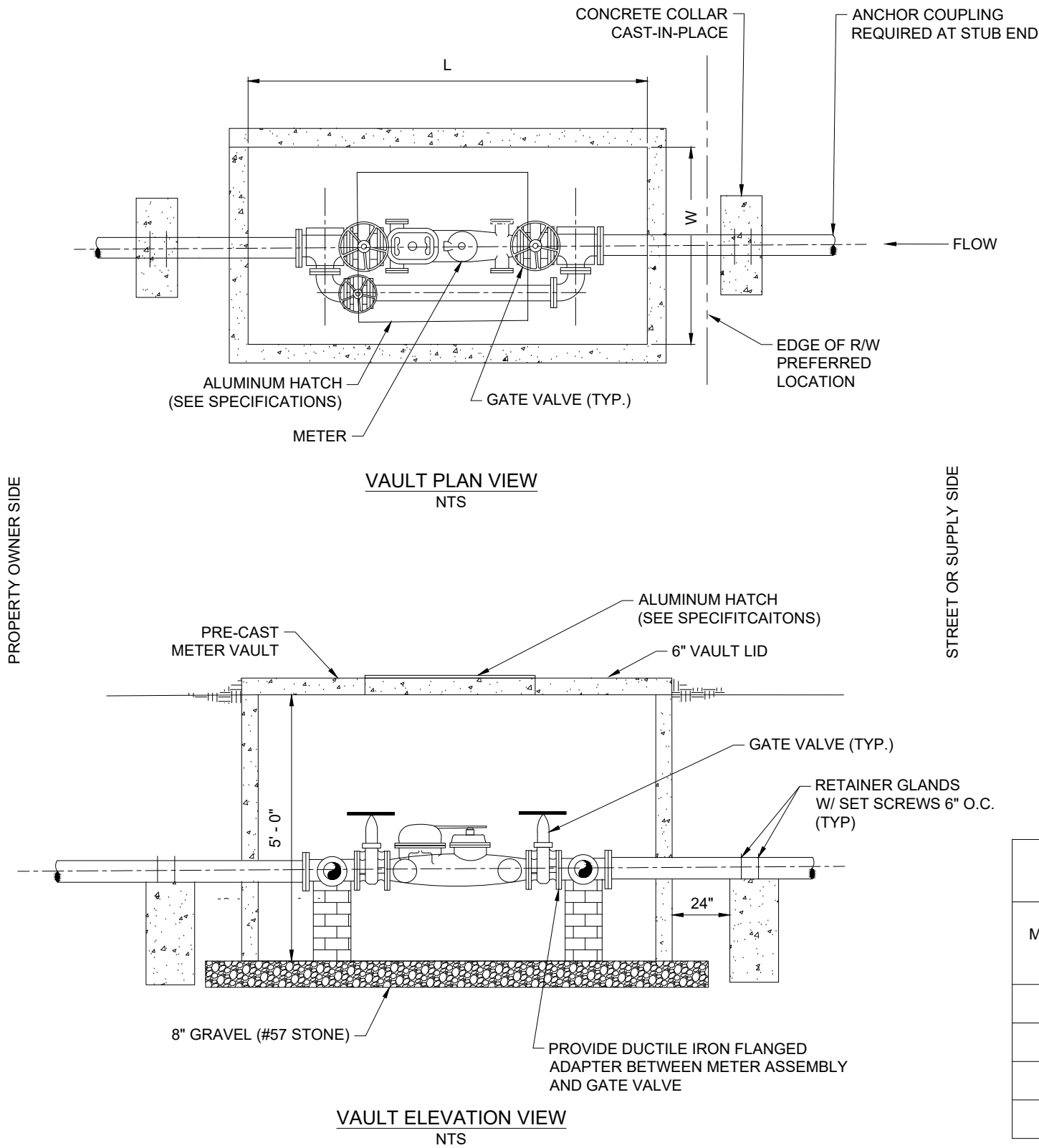


805 - Large Meter and Vault Installation.dwg March 17, 2026 - 4:14pm



- NOTES:
- BOXES EXCEEDING 5' IN DEPTH MUST BE APPROVED BY FULTON COUNTY.
 - 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.
 - COVER OPENING TO BE PLACED NEAREST THE METER REGISTER.
 - 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 LIKE ARE REQUIRED (SEE ILLUSTRATION).
 - THESE BOXES ARE NOT TO BE INSTALLED IN TRAFFIC AREAS WITHOUT PRIOR PERMISSION FROM FULTON COUNTY.
 - ALL VALVES AND FITTINGS INSIDE THE VAULT SHALL BE FLANGED.
 - ALL FITTINGS OUTSIDE THE VAULT SHALL PUSH-ON JOINT WITH AMERICAN 'FAST-GRIP' GASKETS OR APPROVED EQUAL.
 - ALL METERS SHALL COME EQUIPPED WITH A TOUCHREAD OR TOUCHLESS SENSOR COMPATIBLE WITH FULTON COUNTY'S METER READING EQUIPMENT.
 - THIS DETAIL ALSO AUTHORIZED FOR INSTALLATION OF 3" AND LARGER RE-USE METERS.
 - HATCH SHALL BE 4' X 6', DOUBLE LEAF, FLUSH MOUNT, 1/4 " DIAMOND PLATE, ALUMINUM DOORS LOCKABLE WITH A 5/8" ROD. HATCH SHALL BE BILCO # PDCM-3 OR PRE-APPROVED EQUAL FOR 6" & 8" METERS.
 - HATCH SHALL BE 3'6" X 3'6" SINGLE LEAF FLUSH MOUNT 1/4 " DIAMOND PLATE ALUMINUM DOOR LOCKABLE WITH 5/8" ROD. HATCH SHALL BE B.LCO#PCM-5 OR PRE-APPROVED EQUAL FOR 3" X 4" METERS.
 - FOR PERMITTED DEVELOPMENT PROJECTS WITH THE WATER SYSTEM MAIN ON THE PROPERTY FRONTAGE (SHORT SIDE), FULTON COUNTY WILL FURNISH AND INSTALL TAPPING SLEEVE AND VALVE, SERVICE LINE TO VALVE, VAULT, METER, INTERNAL VALVES AND PIPING TO 3 FEET OUTSIDE OF VAULT UPON RECEIPT OF APPLICATION FOR SERVICE AND PAYMENT OF APPROPRIATE FEES BY BUILDER / PROPERTY OWNER. FOR DEVELOPMENT PROJECTS WHERE THE WATER SYSTEM MAIN IS NOT ON THE PROPERTY FRONTAGE, THE DEVELOPMENT CONTRACTOR WILL BE RESPONSIBLE FOR MAKING THE TAP (IF REQUIRED) AND BRINGING THE WATER SYSTEM MAIN TO THE PROPERTY FRONTAGE LOCATION WHERE THE METER VAULT IS AGREED WITH FULTON COUNTY TO BE INSTALLED.
 - FOR DEVELOPMENT REQUIRING SEPARATE DOMESTIC AND / OR IRRIGATION METERS TAPS SHALL BE MADE IN THE WATER SYSTEM MAIN BEFORE THE LARGE METER WITHIN THE EASEMENT AND THE METERS SET AT THE EASEMENT EDGE (SEE 806).
 - VAULT DIMENSION ARE INTERIOR. ADD 1 FOOT TO HORIZONTAL LENGTH AND WIDTH TO DETERMINE DIMENSION FOR EASEMENT.
 - PROVIDE 12-INCH x 12-INCH x 6-INCH DEEP SUMP IN CORNER FOR SUMP PUMP.

TABLE 805-1 VAULT AND HATCH SIZING				
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 805

LARGE METER AND VAULT INSTALLATION

DATE	REVISIONS	DATE	REVISIONS

DGS/DRN/CHKD: MB/EB/ML

APPROVED: TM

DATE: 02-18-2026



FULTON COUNTY PUBLIC WORKS

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DRAWING NO.

805