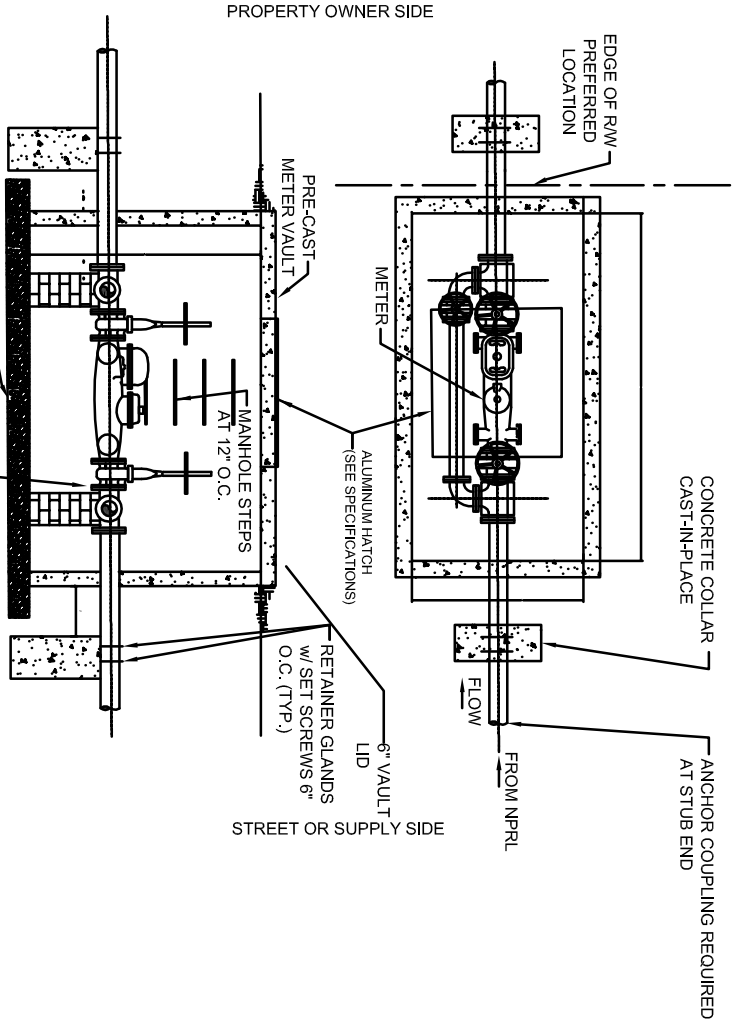


FULTON COUNTY STANDARD DETAIL 605
LARGE METERS AND VAULT



NOTES: 8" GRAVEL (#57 STONE)

1. BOXES EXCEEDING 5' IN 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 ERRECTED AROUND THE METER BOX.
3. COVER OPENING & STEPS 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 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 INSTALLATION OF 3" AND LARGER RE-USE METERS.
10. 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 BILCO PDM-5 OR PRE-APPROVED EQUAL FOR 3" & 4" METERS.

PROVIDE DUCTILE IRON FLANGED ADAPTER BETWEEN METER ASSEMBLY AND GATE VALVE.

METER SIZE	VAULT			HATCH SIZE
	L	W	D	
3"	9'	5'	6'	36" X 36"
4"	9'	5'	6'	36" X 36"
6"	12'	6'	6'	4' X 6'
8"	12'	6'	6'	4' X 6'

DATE	REVISIONS	DATE	REVISIONS
9/08	NHR		

DES./DRN./CHKD./CNS
APPROVED: ML
DATE: 12-2-05



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

DRAWING NO. 605