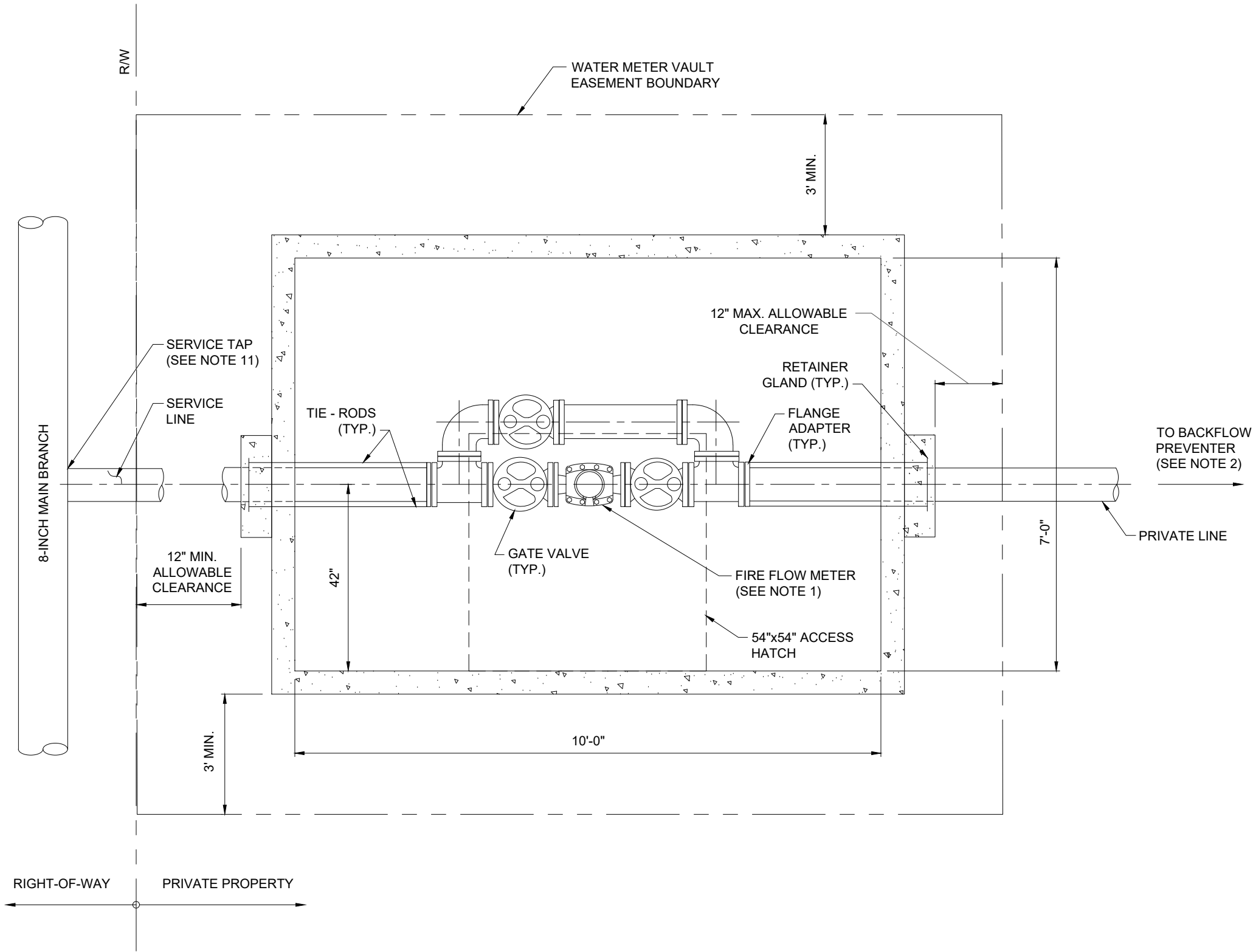




- NOTES:
1. FIRE METER SHALL BE THE MACH 10 ULTRASONIC METER BY NEPTUNE OR FCPW APPROVED EQUAL.
 2. BACKFLOW PREVENTER SHALL BE REQUIRED & INSTALLED WITHIN 7 FT. OF THE FIRE METER.
 3. STANDARD DETAIL APPLIES TO 3", 4", 6" AND 8" FIRE METER ONLY. DEVELOPER TO SUBMIT DESIGN FOR 10" FIRE METER TO BE REVIEWED BY FCPW.
 4. PROVIDE 1'-0" CLEARANCE BETWEEN BOTTOM OF FIRE METER AND THE GRAVEL FLOOR OF VAULT.
 5. SEE FULTON COUNTY WATER STANDARD SPECIFICATIONS SECTIONS 40 05 01 AND 40 05 19 FOR MATERIAL SPECIFICATIONS. ALL MATERIAL TO BE FURNISHED BY CONTRACTOR.
 6. ALL FITTING SHALL BE DUCTILE IRON WITH FLANGED JOINTS. GATE VALVES SHALL BE OUTSIDE STEM AND YOKE (OSY) WITH HANDWHEEL.
 7. VAULT SHALL BE PRECAST CONCRETE. MIN. INSIDE HEIGHT SHALL BE 6 FEET. LOAD BEARING VAULT SHALL BE DESIGNED BY PROPERTY OWNER'S ENGINEER, AND SUBMITTED TO FCPW FOR APPROVAL.
 8. PROVIDE RETAINER GLAND ON PIPE BEYOND VAULT WALLS. PROVIDE TWO TIE RODS FROM FIRST INTERIOR FLANGE TO RETAINER GLANDS, WITH DOUBLE NUTS AND WASHERS. ENCASE RETAINER GLANDS IN CONCRETE. ALSO, PROVIDE TIE RODS FROM RETAINER GLAND TO TAPPING VALVE OR CASING UNDER ROAD, WHICHEVER IS CLOSER. RODS SHALL BE PROVIDED WITH BITUMASTIC COATING.
 9. VAULT WALL OPENINGS SHALL BE SEALED WITH NON-SHRINK GROUT. ENSURE 1-INCH CLEARANCE BETWEEN TOP OF PIPE AND PRECAST WALL.
 10. SERVICE TAP ON SHORT SIDE ONLY. TAP TO BE INSTALLED BY FCPW.
 11. PROVIDE 12-INCH x 12-INCH x 6-INCH DEEP SUMP IN CORNER FOR SUMP PUMP.

FULTON COUNTY STANDARD DETAIL 825

FM ASSEMBLY (FIRE SERVICE ONLY)

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.

825