Fulton County is an Equal Opportunity Employer encouraging diversity. If you need reasonable modifications due to a disability, including communications in an alternate format, please contact (404) 612-7400 or PW.CustomerService@fultoncountyga.gov. For TDD/TTY or Georgia Relay Service access, dial 711.

DWG. NO.	DESCRIPTION
800	INDEX - WATER SYSTEM DETAILS
801	5/8" & 3/4" WATER METER INSTALLATION
802	1" WATER METER INSTALLATION
803	1 1/2 " WATER METER INSTALLATION
804	2" WATER METER INSTALLATION
805	LARGE METER AND VAULT INSTALLATION
806	LARGE METER LAYOUT
807	GENERAL NOTES FOR METER INSTALLATION
808	HYDRANT LOCATION DETAIL FOR CURB & GUTTER RESIDENTIAL STREETS
809	HYDRANT LOCATION DETAIL FOR UNCURBED RESIDENTIAL STREETS
810	HYDRANT ASSEMBLY DETAIL
811	UNDERGROUND VALVE BOX
812	3/4" & 1" WATER METER INSTALLATION COPPER SERVICE
813	WATER METER MANIFOLD DETAIL FOR TOWNHOME DEVELOPMENTS
814	WATER METER LAYOUT FOR TOWNHOUSE DEVELOPMENTS WITHOUT LOTS
815	A & V RELEASE VALVE ASSEMBLY 1" OR 2"
816	WATER VALVE MARKER
817	AUTO BLOW OFF FLUSH STATION
818	WATER SAMPLING STATION
819	BACKFLOW PREVENTION ASSEMBLY (1)
820	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (2)
821	DOUBLE CHECK VALVE ASSEMBLY
822	FIRE LINE VAULT - TYPE 1
825	FM ASSEMBLY (FIRE SERVICE ONLY)
826	ROOT BARRIER SYSTEM

GENERAL NOTES:

1. REFERENCE TO "DEVELOPER WORK" SHALL MEAN AN ENTITY OR PERSON WHO IMPROVES RAW LAND OR REDEVELOPS EXISTING SITES. ALL ENTITIES MUST CONTRACT WITH A UTILITY CONTRACTOR FOR ANY WATER OR WASTEWATER WORK OUTSIDE OF THE PRIVATE PROPERTY LINES.

2. REFERENCE TO "COUNTY WORK" SHALL MEAN ANY WATER OR WASTEWATER SERVICES PERFORMED BY FULTON COUNTY PUBLIC WORKS OR FCPW'S STANDBY CONTRACTORS.

3. REFERENCE TO "PLUMBER WORK" SHALL MEAN ANY WATER OR WASTEWATER SERVICES PERFORMED WITHIN THE BOUNDARIES OF THE PRIVATE PROPERTY.

NOTES:

1. ALL DISTRIBUTION PIPING AND APPURTENANT MATERIALS USED IN THE FULTON COUNTY WATER SYSTEM MUST BE MADE OF DUCTILE IRON AND COMPLY IN RESPECT TO ANS/AWWAA21.111/C111-85 STANDARD SPECIFICATIONS. PLANS THAT DO NOT MEET THE SPECIFICATIONS IN ALL RESPECTS WILL NOT BE ACCEPTED. ALL LINES SHOULD BE CLASS 51 OR GREATER WHEN REQUESTED BY THE COUNTY.

2. ALL SEWER LINES, WATER LINES, REUSE LINES, AND FORCE MAIN LINES SHALL HAVE 3M™ EMS WARNING TAPE 7900 SERIES BURIED NO MORE THAN 4-FEET BELOW GROUND LEVEL INSTALLED ABOUT THE PIPE OR MINIMUM OF 1-FOOT ABOVE TOP OF PIPE BUT NO MORE THAN 2-FEET. THIS SHALL INCLUDE SEWER LATERALS AND WATER SERVICE LINES. TAPE SHALL BE INSTALLED ABOVE CONDUIT FOR LINES PLACED IN CONDUITS. ALL SEWER LINES, WATER LINES, REUSE LINES, AND FORCE MAIN LINES SHALL HAVE 3M™ EXTENDED RANGE BALL MARKERS 1400 SERIES BURIED NO MORE THAN 4-FEET DEEP OVER ALL LINES AT A MINIMUM OF 1-FOOT ABOVE TOP OF PIPE BUT NO MORE THAN 2-FEET. THESE BALLS SHALL BE INSTALLED AT ALL BENDS 22 ½ DEGREES OR LARGER, REDUCERS, BEGINNING AND ENDING OF CASINGS, END OF LINES, AND AT ALL TEES OR TAPS. STANDARD MARKING TAPE SHALL BE INSTALLED OVER THE TOP OF ALL LINES BURIED MORE THAN 6-FEET DEEP SHALL BE 7900 SERIES WARNING TAPE BURIED 1-FOOT ABOVE TOP OF PIPE IN ADDITION TO THE TAPE AND BALLS INSTALLED NEAR THE SURFACE.

3. MARKER BALLS SHALL BE PROGRAMMED WITH THE FOLLOWING INFORMATION BY THE CONTRACTOR: LINE 1: UTILITY CONTRACTOR NAME. LINE 2: PIPE DEPTH. LINE 3: PIPE SIZE. LINE 4: PIPE MATERIAL AND CLASS. LINE 5: FULTON COUNTY. LINE 6: OPTIONAL.

FULTON COUNTY STANDARD DETAIL 800

INDEX - WATER SYSTEM DETAILS

DATE	REVISIONS	DATE	REVISIONS

DGS/DRN/CHKD: MB/EB/ML
APPROVED: TM
DATE: 02-18-2026

FULTON COUNTY

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

DRAWING NO.
800