


# PRECONSTRUCTION NOTES FOR WATER:

- 1. THE FOLLOWING REQUIRE INSPECTION PRIOR TO BACK-FILLING:** WET TAPS, TEES, BENDS, FIRE HYDRANT TEES, INSTALLATION OF 57 STONE AT FIRE HYDRANTS, PIPE BEHIND CATCH BASINS AND STORM SEWERS, AND STREAM CROSSINGS.
- 2. DUCTILE IRON PIPE REQUIRED FOR THE FOLLOWING:** AREAS BEHIND CATCH BASINS AND STORM SEWERS AND AT STREAM CROSSINGS.
- 3. SERVICE TAPS** SHALL BE AT LEAST 1-INCH. CONNECTION TO MAIN SHALL BE BY BRASS DOUBLE STRAP SERVICE SADDLE.
- 4. SERVICE STUB- OUT** LINES SHALL BE 1-INCH TYPE "K" COPPER TUBING WITH PACK-JOINT TYPE FITTINGS.
- 5. LONG-SIDE SERVICE LINES** SHALL BE INSTALLED INSIDE A 2-INCH PVC CASING. "PUNCH-HOLE" UNDER CURB SHALL BE THE SAME SIZE AS THE CASING. CASING SHALL BE 3-FEET FROM THE CURB. A 1-INCH CURB STOP SHALL BE INSTALLED ON THE MAIN-SIDE OF THE WYE.
- 6. A BALL METER VALVE WITH A METER SWIVEL NUT** IS REQUIRED ON EACH SERVICE LINE. THE METER VALVE AND METER BOX SHALL BE POSITIONED IN A STRAIGHT ALIGNMENT WITH SUFFICIENT SPACE IN THE BOX FOR WATER METER AND BACK FLOW INSTALLATION. THE MINIMUM WATER METER VALVE DEPTH SHALL BE THE SAME DEPTH AS THE BOTTOM OF THE CURB.
- 7. METER BOXES** SHALL BE LOCATED AT THE STREET CURB.
- 8. EACH WATER METER SHALL HAVE** A CORRESPONDING SAW-CUT "W", PAINTED BLUE, IN THE CURB NEXT TO THE METER. **EACH WATER VALVE SHALL** HAVE A CORRESPONDING SAW-CUT "V", PAINTED BLUE, IN THE CURB NEXT TO THE VALVE.
- 9. WATER LINES THAT CROSS UNDERNEATH A CUL-DE-SAC** SHALL BE DUCTILE IRON. THE SERVICE TAPS FOR THOSE LOTS LOCATED IN A CUL-DE-SAC SHALL BE 1-INCH IN SIZE AND THE TAP(S) SHALL BE LOCATED BETWEEN THE FIRE-HYDRANT AND THRUST COLLAR. SERVICES FROM THE MAIN TO THE METER SHALL BE LOCATED 5-FEET BEHIND THE CURB WHICH IS WITHIN THE 5-FT UTILITY COORIDOR.
- 10. CONCRETE VALVE PADS AND CONCRETE VALVE MARKERS** ARE REQUIRED. CONCRETE VALVE MARKERS SHALL BE BURIED SO THAT AT LEAST TWO FEET OF THE MARKER IS EXPOSED ABOVE THE GROUND.
- 11. COMPACTION:** WHERE WATER LINES, SERVICE LINES (LONG-SIDE SERVICE LINES) ARE INSTALLED UNDER A ROAD, STREET, OR DRIVEWAY, SUFFICIENT COMPACTION (A MINIMUM 95%) IS REQUIRED.
- 12. ALL PVC WATER LINES** MUST HAVE A TRACER-LOCATE WIRE. TRACER-LOCATE WIRES SHALL BE BROUGHT UP INTO EACH VALVE BOX TO PROVIDE CONNECTION FOR THE CITY'S LOCATE DEVICE.
- 13. WATER MAIN DEPTHS:** 2-INCH THROUGH 8-INCH LINES SHALL BE AT A DEPTH NO LESS THAN 3-FEET FROM THE TOP OF THE CURB TO THE TOP OF THE PIPE. 10-INCH THROUGH 12-INCH PIPE SHALL BE INSTALLED SO THAT THERE IS NO LESS THAN 4-FEET FROM THE TOP OF THE CURB TO THE TOP OF THE PIPE.
- 14. TRENCH WIDTHS:** NO LESS THAN 30-INCHES WIDE FOR 6-INCH PIPE, 32-INCHES WIDE FOR 8-INCH PIPE, 34-INCHES WIDE FOR 10-INCH PIPE, AND 36-INCHES WIDE FOR 12-INCH PIPE.
- 15. ALL MECHANICAL JOINT GLANDS** SHALL BE THE MEGA-LUG TYPE.
- 16. ALL VAVLE BOXES** SHALL BE THE "SLIDE" TYPE.
- 17. DEVELOPERS AND CONTRACTORS SHALL PROVIDE 24-HOURS NOTICE** TO THE INSPECTOR PRIOR TO FLUSHING, CHLORINATING, OR PERFORMING A PRESSURE TEST ON THE WATER SYSTEM.
- 18. THE CITY WILL NOT PERMIT VALVES, TEES, BENDS, OR SERVICE CONNECTIONS TO BE PLACED UNDER ANY PAVEMENT OR CURBING.**

REVISIONS	<h2 style="font-family: serif;">City of Cumming</h2> <p style="text-align: center;">Department of Utilities - Distribution and Collection Division</p> <h3 style="text-align: center;"><u>PRECONSTRUCTION LIST</u></h3> <h3 style="text-align: center;"><u>FOR WATER</u></h3>	
		W-64