

1. ALL PIPE – INCLUDING ALL WATER MAINS, FIRE SERVICES & SERVICE LINES 4” AND LARGER – SHALL BE DUCTILE IRON. FITTINGS SHALL BE MECHANICALLY JOINED AND RESTRAINED. ALL PIPE, VALVES, FITTINGS, & APPURTENANCES SHALL BE DOMESTICALLY PRODUCED.
2. ALL HORIZONTAL AND VERTICAL BENDS, TEES, TAPS, ETC., SHALL HAVE THRUST BLOCKING AND APPROVED RESTRAINT MECHANISM.
3. FIELD LOK OR EQUIVALENT LOCKING GASKETS SHALL BE USED A MINIMUM OF 3 FULL JOINTS (60’) BEFORE AND AFTER ALL BENDS & FITTINGS.
4. HORIZONTAL AND VERTICAL BENDS SHALL BE USED AS DETERMINED BY GW INSPECTOR.
5. MAINS SHALL BE INSTALLED A MINIMUM OF 3’ BELOW FINAL GRADE & NO DEEPER THAN 5’.
6. A MINIMUM OF 18” VERTICAL SEPARATION SHALL BE MAINTAINED WHEN CROSSING SANITARY SEWERS OR 10’ OF HORIZONTAL SEPARATION WHEN PARALLELING SANITARY SEWERS. REFER TO SCDHEC R.61–58 AND R.61–67.
7. A MINIMUM OF 18” VERTICAL SEPARATION SHALL BE MAINTAINED WHEN CROSSING UNDER OTHER UTILITIES, STORM DRAINS ETC.; 6” IF CROSSING OVER.
8. CENTER FULL JOINT OF PIPE UNDER SEWER & STORM DRAIN CROSSINGS.
9. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL UTILITY LOCATES.
10. ANY TRENCHES WHICH REQUIRE ENTRY BY GW PERSONNEL SHALL BE IN COMPLIANCE WITH ALL OSHA TRENCH SAFETY STANDARDS.
11. WATER LINE SHALL BE LOCATED 3–4’ INSIDE THE EDGE OF PAVEMENT.
12. METERS SHALL BE PLACED IN A 3’ X 3’ GREEN SPACE IN THE ROW OR EASEMENT IN FRONT OF THE PROPERTY IT SERVES; NOT IN DRIVEWAYS, SIDEWALKS OR PRIVATE PROPERTY.
13. EXISTING SERVICES & METERS SHALL BE USED OR KILLED AT MAIN AS DIRECTED BY GW FIELD INSPECTOR.
14. EXISTING VALVES SHALL BE OPERATED BY GW PERSONNEL ONLY.
15. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL TAPS ON NEW ON–SITE MAINS. GW ONLY WILL MAKE TAPS ON ALL EXISTING MAINS.
16. 2” VALVES OPEN LEFT, ALL OTHER VALVES OPEN RIGHT.
17. FIRE HYDRANTS SHALL BE 3–WAY AND OPEN RIGHT.
18. ALL CONSTRUCTION WITHIN STATE, COUNTY OR MUNICIPAL RIGHT–OF–WAYS SHALL CONFORM TO SPECIFICATIONS IN THE APPROVED ENCROACHMENT PERMIT.

THE INTENT OF THIS DETAIL IS TO CLARIFY AND NOT SUPERSEDE OR MODIFY THE SPECIFIC REQUIREMENTS AS LISTED IN THE SPECIFICATIONS



GreenvilleWater

## GENERAL NOTES

SCALE: NTS

REVISION DATE: MAY 2023