

1. FIRE HYDRANTS SHALL BE EITHER M & H STYLE 129 OR CLOW MEDALLION.
2. MECHANICAL JOINT (MJ) TEE AND VALVE INSTALLATION MAY BE ACCOMPLISHED WITH ANY OF THE FOLLOWING COMBINATIONS: MJ TEE WITH A FOSTER TYPE ADAPTER; MJ TEE WITH A SWIVEL-TYPE ADAPTER; OR MJ TEE WITH AN ANCHOR COUPLING.
3. GATE VALVES SHALL HAVE DUCTILE IRON BODY, BE RESILIENT SEAT TYPE, AND SHALL OPEN IN A COUNTER CLOCKWISE DIRECTION.
4. THE CITY WATER INSPECTOR WILL APPROVE OR DISAPPROVE THE USE OF BUTTERFLY VALVES.
5. ALL PVC PIPE SHALL BE C900 AND SDR-14.
6. ALL FITTINGS FOR WATER MAINS SHALL BE COMPOSED OF DUCTILE IRON AND SHALL BE MECHANICAL JOINT (MJ) TYPE.
7. ALL SERVICE LINES (3/4-INCH - 2-INCH) SHALL BE COMPOSED OF TYPE "K" SOFT COPPER TUBING.
8. LONG-SIDE WATER SERVICE LINES THAT CROSS UNDER A ROADWAY SHALL BE INSTALLED INSIDE CASING. ALL CASING FOR WATER SERVICE LINES SHALL BE COMPOSED OF SCHEDULE 40 POLYVINYL CHLORIDE (PVC).
9. ALL PVC PIPE SHALL BE INSTALLED WITH 12-GAUGE COPPER LOCATE-WIRE. THE LOCATE-WIRE SHALL BE WRAPPED AROUND EACH JOINT OF PVC PIPE A TOTAL OF TWO TIMES AND CONNECTED TO A TEE-BOLT ON EACH SIDE OF ALL FITTINGS AND VALVES. A LOOPED WIRE SHALL BE INSTALLED FROM THE LOCATE WIRE, UP EACH VALVE BOX, AND SHALL BE EXTENDED TO THE LID OF EACH VALVE BOX.
10. ROUND, CEMENT VALVE PADS SHALL BE INSTALLED AROUND THE TOP OF EACH VALVE BOX.
11. CEMENT, MONUMENT-TYPE MARKERS SHALL BE PLACED AT ALL VALVES. THIS DOES NOT APPLY TO THOSE VALVES LOCATED AT FIRE HYDRANTS.
12. ALL GLANDS SHALL BE MEGA-LUG TYPE.
13. TAPPING SADDLES FOR WATER SERVICE LINES SHALL BE DOUBLE-STRAP TYPE.
14. A FABRICATED STAINLESS STEEL TAPPING SADDLE WITH A FULL WRAP AROUND GASKET SHALL BE USED FOR WET TAPS.
15. ALL BRASS FITTINGS SHALL BE FORD PACK-JOINT TYPE OR A.Y. MCDONALD MAC-PAC COMPRESSION TYPE WITH HOLD-DOWN NUT.
16. ALL NIPPLES, PLUGS, BENDS, AND OTHER SMALL FITTINGS SHALL BE BRASS.
17. ALL 3/4-INCH WATER METER BOXES SHALL BE CAST IRON FORD LONG YOKEBOXES OR A.Y. MCDONALD MANUFACTURING COMPANY LONGBOXES.

REVISIONS

City of Cumming
 Department of Utilities - Distribution and Collection Division

MATERIALS LIST
QUICK REFERENCE SHEET



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