

NOTES:

1.COMPACTION: BACKFILLS SHALL BE BUILT UP IN LAYERS AND EACH LAYER SHALL BE THOROUGHLY COMPACTED BEFORE BEGINNING ANOTHER LAYER. LAYERS SHALL BE NO MORE THAN 6" IN DEPTH. PUDDLING WILL NOT BE PERMITTED, NOR WILL FROZEN OR WET MATERIAL BE PLACED IN TRENCHES.

2. COMPACTION STANDARDS: ALL BACKFILL MATERIALS USED SHALL CONTAIN A SUFFICIENT AMOUNT OF MOISTURE FOR PROPER COMPACTION AND THESE MATERIALS SHALL BE COMPACTED AT NOT LESS THAN 95% OF THEIR OPTIMUM COMPACTION FOR ANY SPECIFIC SOIL CLASSIFICATION AS DETERMINED BY THE MODIFIED PROCTOR TEST.

3.COMPACTION TESTS: COMPACTION TESTS MAY BE REQUIRED IN EXISTING OR PROPOSED STREETS, SIDEWALKS, DRIVES AND OTHER EXISTING OR PROPOSED PAVED AREAS AT VARYING DEPTHS AND AT INTERVALS AS DETERMINED BY THE ENGINEER WITH A MINIMUM OF ONE TEST ON EACH JOB, AND A MAXIMUM OF "ONE REQUIRED TEST FOR EACH 400' OR LESS OF WATER MAIN CONSTRUCTION UNLESS SOIL CONDITIONS OR CONSTRUCTION PRACTICES, IN THE OPINION OF THE ENGINEER, WARRANT THE NEED FOR ADDITIONAL TESTS.

4. REFER TO PARAGRAPH ---- FOR DETAILED SPECIFICATIONS ON BACKFILLING TRENCHES.

5. NO BOULDERS OR LOOSE ROCKS PERMITTED IN THE BACKFILL FROM BOTTOM OF PIPE TRENCH TO 2'0" ABOVE PIPE.

6.ALL DESIGNS-PVC & DIP BASED ON FULLY COMPACTED BACKFILL AND UNIFORMLY SUPPORTED PIPE.

7. FOR SERVICE LINE PAVEMENT CUT REPAIRS SEE DRAWING W-47. FOR WATER MAIN PAVEMENT CUT REPAIRS SEE DRAWING W-47.

8. IF PVC PIPE, USE OF HYDRA HAMMER TYPE COMPACTORS IS NOT ALLOWED FOR THE FIRST 48" OF COVER. NO COMPACTION EQUIPMENT SHALL BE USED WITHIN 12" DIRECTLY OVER PVC PIPE.

9. MJ = MECHANICAL JOINT. SJ = SLIP JOINT

REVISIONS	<p style="text-align: center;">City of Cumming Department of Utilities - Distribution and Collection Division</p> <p style="text-align: center;"><u>ALLOWABLE TRENCH WIDTHS 3/4-INCH TO 2-INCH SERVICE LINES AND 2-INCH AND LARGER WATER MAINS - NOTES</u></p>	