



NOTES:

1. **COMPACTION: BACKFILL 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, FROZEN OR WET MATERIAL SHALL NOT 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 CLASSIFICATION AS DETERMINED BY THE MODIFIED PROCTOR TEST, ASTM D698.**
3. **COMPACTION TESTS: COMPACTION TESTS SHALL 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 CITY WITH A MINIMUM OF ONE TEST ON EACH JOB AND A MAXIMUM OF ONE REQUIRED TEST FOR EACH 400' OR LESS OF UTILITY MAIN CONSTRUCTION, UNLESS SOIL CONDITIONS OR CONSTRUCTION PRACTICES, IN THE OPINION OF THE CITY, WARRANT THE NEED FOR ADDITIONAL TESTS.**
4. **FOR EXCAVATION IN POOR SOIL OR ROCK: REMOVE UNSUITABLE MATERIAL WIDTH AND DEPTH DIRECTED BEFORE PIPE IS LAID. THE SUBGRADE SHALL BE BACKFILLED WITH AN APPROVED MATERIAL IN 6" LAYERS. EACH LAYER SHALL BE THOROUGHLY TAMPED TO 95% COMPACTION.**
5. **NO BOULDERS OR LOOSE ROCKS PERMITTED IN THE BACKFILL FROM BOTTOM OF PIPE TRENCH TO 2'-0" ABOVE PIPE.**
6. **FOR LOADING FACTORS LESS THAN 1.5 WHERE SUITABLE, UNDISTURBED SOIL IS PRESENT, USE CLASS "D" BEDDING. USE CLASS "C" BEDDING IF THE PIPE WILL BE SUBJECTED TO A LOADING FACTOR LESS THAN 1.5 AND IF OVEREXCAVATION OCCURS DUE TO ROCK AND/OR UNSUITABLE MATERIAL BEING ENCOUNTERED. USE CLASS "B" BEDDING FOR PIPES SUBJECTED TO A LOADING FACTOR GREATER THAN 1.5.**

JCWSA STANDARD DETAIL D-10 SEWER PIPE BEDDING DETAILS

SCALE: NTS
DATE OF LAST REVISION: 12/06

JACKSON COUNTY
WATER & SEWERAGE AUTHORITY