

SEWER GENERAL NOTES

1. ALL UTILITY WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF CLEVELAND UTILITIES AS WELL AS ANY REQUIREMENTS OF THE STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION. ALL MATERIALS (PIPE, MANHOLES, FRAMES, COVERS, CONCRETE, ETC...) SHALL HAVE SHOP DRAWINGS SUBMITTED TO CLEVELAND UTILITIES FOR APPROVAL BEFORE BEING USED TO CONSTRUCT THE PROJECT FACILITY. CUT SHEETS SHALL BE DELIVERED TO CLEVELAND UTILITIES FOR APPROVAL BEFORE CONSTRUCTION BEGINS.
2. DUCTILE IRON PIPE SHALL BE CLASS 50 AND PVC PIPE SHALL BE SDR-35 IN ACCORDANCE WITH THE APPROPRIATE ASTM AND CLEVELAND UTILITIES SPECIFICATIONS.
3. ALL CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 3000 PSI.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS OF PAVEMENT REPLACEMENT WHERE UTILITY LINES ARE TO BE EXTENDED.
5. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE UTILITY COMPANY FOR CONNECTIONS TO THE EXISTING UTILITY LINES.
6. THE EXISTING UTILITY FACILITIES, EASEMENTS, AND THEIR LOCATION WERE TAKEN FROM ACTUAL FIELD SURVEYS, AS WELL AS READILY AVAILABLE INFORMATION. THE ACTUAL LOCATION OF THE UTILITY FACILITIES AND EASEMENTS MAY VARY SOMEWHAT FROM THE LOCATION SHOWN AND THERE MAY BE UTILITY FACILITIES EXISTING THAT ARE NOT SHOWN NOR INDICATED ON THE DRAWINGS. THE UTILITY CONTRACTOR SHALL CONTACT ALL AGENCIES WITH UTILITY FACILITIES IN THE VICINITY OF THE WORK AND SHALL LOCATE ALL UNDERGROUND FACILITIES BEFORE BEGINNING CONSTRUCTION.
7. THE CONTRACTOR SHALL PROVIDE ANY NECESSARY BONDS AS REQUIRED BY GOVERNING AGENCIES.
8. ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.
9. ALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO THE BEGINNING OF CONSTRUCTION.
10. ALL EXTERNAL DROP CONNECTIONS SHALL HAVE A DUCTILE IRON NIPPLE OUT OF THE MANHOLE AND A DUCTILE IRON 90% BEND FROM THE BOTTOM OF THE DROP CONNECTION. SEE C.U. CONSTRUCTION DETAIL NO. 300-360.1.
11. THE CONTRACTOR SHALL CALL "TENNESSEE ONE-CALL" AT LEAST THREE BUSINESS DAYS PRIOR TO THE START OF ANY CONSTRUCTION ON THE SITE (1-800-351-1111).
12. THERE SHALL BE NO OPEN BURNING OF CONSTRUCTION MATERIALS OR DEBRIS WITHOUT FIRST OBTAINING A PERMIT FROM THE TENNESSEE DEPARTMENT OF AIR POLLUTION CONTROL. IF A CONTRACTOR DESIRES TO PERFORM OPEN BURNING, HE/SHE WILL BE RESPONSIBLE FOR OBTAINING ANY PERMITS AND FOR VIOLATION OF AIR POLLUTION LAWS. TO OBTAIN A PERMIT, CALL 478-0337 OR ANY FIRE HALL.
13. SILT FENCE AND/OR HAY BALES SHALL BE PLACED AT LOCATIONS DIRECTED BY CLEVELAND UTILITIES TO PROVIDE FOR EROSION CONTROL.
14. ALL UTILITY WORK MUST BE COMPLETED BY A LICENSED CONTRACTOR IN THE STATE OF TENNESSEE. THE CONTRACTOR MUST BE APPROVED BY CLEVELAND UTILITIES PRIOR TO THE START OF UTILITY CONSTRUCTION.
15. CRUSHED STONE BACKFILL SHALL BE USED WHERE SEWER LINES ARE WITHIN OR ADJACENT TO ROADWAY PAVING.
16. FLOWABLE FILL BACKFILL SHALL BE INSTALLED PER C.U. DETAIL # 200-25 FOR ALL SEWER LINES CROSSING CITY OF CLEVELAND STREETS.
17. ALL SEWER SERVICE OR TEE INSTALLATIONS SHALL BE LOCATED SUCH THAT OTHER UTILITIES WILL

NOT BE IN CONFLICT WITH ACCESS TO THE SEWER SERVICE OR TEE. THE END OF ALL SEWER SERVICES SHALL BE A MINIMUM OF TWENTY FEET BEHIND THE RIGHT-OF-WAY LINE. ANY FAILURE TO ADHERE TO THE ABOVE POLICY WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.

18. THE FINAL PLAT FOR THE SUBDIVISION WILL NOT BE SIGNED BY CLEVELAND UTILITIES AND NO WATER METERS WILL BE SET IN THE AFFECTED DEVELOPMENT UNTIL AS-BUILT DRAWINGS, PROFESSIONALLY PREPARED ON MYLAR MEDIUM, HAVE BEEN DELIVERED TO AND ACCEPTED BY CLEVELAND UTILITIES. FOR EXAMPLE, HAND-WRITTEN, BARELY-LEGIBLE NOTES ON AN OLD SET OF PROJECT PLANS WILL NOT BE ACCEPTED AS SUITABLE AS-BUILT OR RECORD DRAWINGS.
19. DURING THE ENTIRE CONSTRUCTION PHASE OF THE WATER AND/OR SEWER PROJECT, THE DEVELOPER SHALL ENSURE THAT ALL PROPERTY CORNERS ARE KEPT LOCATED.
20. THE CONTRACTOR SHALL NOTIFY CLEVELAND UTILITIES BEFORE BEGINNING ANY CONSTRUCTION IN ORDER TO COORDINATE THE LOCATION OF THE PROPOSED LINES. THE CONTRACTOR SHALL ALSO ATTAIN ANY NECESSARY COUNTY R.O.W. PERMITS AND/OR CITY OF CLEVELAND STREET CUT PERMITS.
21. THE CONTRACTOR SHALL VERIFY ALL INVERT AND TOP ELEVATIONS OF EXISTING AND PROPOSED SANITARY SEWER AND STORM DRAINAGE STRUCTURES, AS WELL AS PROPOSED ROAD GRADES. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE CLEVELAND SURVEYING COMPANY.
22. IT IS THE POLICY OF CLEVELAND UTILITIES NOT TO DISCRIMINATE ON THE BASIS OF RACE, COLOR, NATIONAL ORIGIN, AGE, SEX, OR DISABILITY IN ITS HIRING AND EMPLOYMENT PRACTICES, OR IN ADMISSION TO, ACCESS TO, OR OPERATION OF ITS PROGRAMS, SERVICES AND ACTIVITIES. WITH REGARD TO ALL ASPECTS OF THIS CONTRACT, CONTRACTOR CERTIFIES AND WARRANTS IT WILL COMPLY WITH THIS POLICY.