

GENERAL NOTES

1. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL ENSURE THAT ALL REQUIRED PERMITS, EASEMENTS AND APPROVALS HAVE BEEN OBTAINED. COPIES TO BE SUBMITTED AT PRECONSTRUCTION MEETING.
2. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. ANY CHANGES OR ALTERATIONS MADE TO THESE CONSTRUCTION DRAWINGS WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER VOIDS THE SEAL SHOWN HEREON, AND ANY LIABILITY ASSOCIATED WITH THE PROJECT.
4. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR WILL NOTIFY ALL UTILITIES WITHIN AND ADJACENT TO THE PROJECT SITE TO IDENTIFY ANY POSSIBLE CONSTRUCTION CONFLICTS. THE ACCURACY OF THE LOCATIONS OF THE EXISTING SUBSURFACE UTILITY STRUCTURES SHOWN ON THE PLANS IS NOT GUARANTEED, NOR IS IT GUARANTEED THAT ALL SUBSURFACE STRUCTURES ARE SHOWN.
5. THE CONTRACTOR SHALL COORDIANTE WITH THE GEOTECHNICAL TESTING FIRM TO ENSURE COMPACTION TESTING IS COMPLETED.

SANITARY SEWER NOTES

1. ALL PROPOSED SANITARY SEWER LINES AND MANHOLES SHALL BE INSTALLED IN ACCORDANCE WITH HAMILTON COUNTY WATER & WASTEWATER TREATMENT AUTHORITY "STANDARD DETAILS AND SPECIFICATIONS FOR THE CONSTRUCTION OF SANITARY SEWERS" WPC # 08-0412
2. EXISTING SEWAGE FLOW MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
3. SEWERS MUST BE CONSTRUCTED BY A LISCENSED MUNICIPAL UTILITY CONTRACTOR (CLASSIFIED MU).
4. THE CONTRACTOR SHALL NOTIFY WWTA 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
5. ALL CUTS AND FILLS SHALL BE IN PLACE AND COMPACTED PRIOR TO SEWER CONSTRUCTION.
6. WHERE WATER PIPING CROSSES THE SANITARY SEWER LINE, THE WATER SERVICE WITHIN 10 FEET OF THE POINT OF CROSSING SHALL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE, OR THE SEWER LINE SHALL BE OF DUCTILE IRON FROM MANHOLE TO MANHOLE.
7. ALL LATERALS AND PRESSURE LINES SHALL BE MARKED WITH MAGNETIC TAPE.
8. ALL CONNECTIONS TO EXISTING MANHOLES MUST BE CORED, BOOTED, AND INVERTS REFORMED.
9. NEW MANHOLES SHALL NOT BE ADJUSTED MORE THAN 6 INCHES BY THE USE OF ONE CONCRETE RISER RING OR DOUGHNUT. MANHOLES RAISED MORE

THAN 6" SHALL REQUIRE THE REMOVAL OF THE CONE SECTION AND PLACEMENT OF THE APPROPRIATE SIZE MANHOLE RISER. THE CONE SECTION SHALL THEN BE REINSTALLED OR REPLACED DEPENDING ON CONDITION.

10. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH THE NEW FINISHED GRADES.
11. UPON COMPLETION OF THE PROJECT, "AS BUILT" DRAWINGS MUST BE PREPARED BY A TENNESSEE REGISTERED ENGINEER AND SUBMITTED TO THE WWTA. (HARD COPY AND ELECTRONIC FORMAT)
12. PAVEMENT REPAIR SHALL BE IN ACCORDANCE WITH HAMILTON COUNTY SPECIFICATIONS.
13. THE ENGINEER SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE WWTA AT LEAST SEVEN BUSINESS DAYS BEFORE THE START OF CONSTRUCTION. THE ENGINEER WILL BE RESPONSIBLE FOR INVITING THE CONTRACTOR AND DEVELOPER OR THE DEVELOPERS DESIGNEE.

LOW PRESSURE NOTES

1. SERVICE LATERALS EXTENDING TO THE PROPERTY LINE SHALL HAVE SERVICE CONNECTION BOXES.
2. INLINE CLEANOUTS SHALL BE INSTALLED AT AN INTERVAL OF 400 LF OR LESS.
3. ALL RECTANGULAR BOXES ARE TO BE INSTALLED AT FINISHED GRADE.
4. ALL RECTANGULAR BOXES WITHIN 4 FEET OF ROAD OR DRIVEWAY SHALL BE TRAFFIC RATED.
5. ALL RECTANGULAR BOXES SHALL BE MARKED WITH A GREEN METAL FENCE POST.
6. ALL FORCE MAINS SHALL BE MARKED WITH A #12 GAUGE COPPER TRACER WIRE AND A GREEN MARKING TAPE LABELED "WARNING-SEWER LINE BELOW". ALL LOW PRESSURE FORCE MAINS SHALL TIE INTO EXISTING GRAVITY SEWER LINES NO LESS THAN 4 FEET FROM ANY MANHOLE.
7. AIR RELEASE VALVES IN CONFORMANCE WITH WWTA REQUIREMENTS SHALL BE INSTALLED AS REQUIRED BY THE DESIGNER, AND THE LOCATION IN THE FIELD VERIFIED BY THE CONTRACTOR AND CONFIRMED WITH THE DESIGNER.
8. SUBJECT TO WWTA RULES AND REGULATIONS, WWTA WILL NOT MAINTAIN INDIVIDUAL COMMERCIAL OR RESIDENTIAL GRINDER AND STEP SYSTEMS FOR ANY PROJECTS THAT HAVE NOT STARTED CONSTRUCTION BY 05/01/2019.

PUMP STATION NOTES

1. ALL ELECTRICAL POWER SERVICE TO THE PUMP STATION SHALL BE UNDERGROUND AND CONFORM TO THE WWTA REQUIREMENTS.
2. TELEPHONE SERVICE SHALL BE UNDERGROUND
3. ALL REQUIRED DRAINAGE IMPROVEMENTS SHALL BE FIELD VERIFIED TO ENSURE SURFACE STORMWATER RUNOFF DOES NOT IMPACT THE PUMP STATION SITE.