

GENERAL CONSTRUCTION NOTES

- 1. SEE PAVING, GRADING & DRAINAGE PLAN FOR SITE SPECIFIC BENCHMARK AND ELEVATION DATUM.
2. LOCATIONS, DIMENSIONS AND ELEVATIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO STANDARD UTILITY ATLAS SHEETS OR OTHER INFORMATION OBTAINED AT THE TIME OF PREPARATION OF THESE PLANS.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO ALL UTILITY COMPANIES BEFORE PERFORMING ANY EXCAVATION.

CLEARING AND EROSION CONTROL NOTES

- 1. ALL TREES TO REMAIN SHALL BE PROTECTED IN ACCORDANCE WITH LOCAL REGULATIONS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR SHALL PREPARE THE SITE AS DIRECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO STARTING ACTUAL CONSTRUCTION. COPIES OF THE GEOTECHNICAL ENGINEERS RECOMMENDATIONS AND REPORT ARE AVAILABLE THROUGH THE OWNER OR THE GEOTECHNICAL ENGINEER.
3. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION.

PAVING, GRADING AND DRAINAGE NOTES

- 1. ALL DELETERIOUS SUBSTANCES (I.E. MUCK, PEAT, BURIED DEBRIS) SHALL BE EXCAVATED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER OR OWNER.
2. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES TO BE SAVED.
3. THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE OWNER FOR APPROVAL PRIOR TO CONSTRUCTING CONCRETE PAVEMENT.

WATER SYSTEM NOTES

- 1. ALL WATER MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
2. ALL WATER SYSTEM WORK SHALL CONFORM TO LOCAL REGULATORY STANDARDS AND SPECIFICATIONS.
3. CONFLICTS BETWEEN WATER AND STORM OR SANITARY SEWER SHALL BE RESOLVED BY ADJUSTING THE WATER LINES AS REQUIRED.

FDEP NOTES

- 1. ALL PIPE, PIPE FITTINGS, PIPE JOINT PACKINGS AND JOINTING MATERIALS, VALVES, FIRE HYDRANTS, AND METERS SHALL BE INSTALLED UNDER THIS PROJECT TO CONFORM TO APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS.
2. ALL PUBLIC WATER SYSTEM COMPONENTS, EXCLUDING FIRE HYDRANTS, THAT WILL BE INSTALLED UNDER THIS PROJECT AND THAT WILL COME IN CONTACT WITH DRINKING WATER WILL CONFORM TO NSF INTERNATIONAL STANDARD 61.
3. ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL CONTAIN NO MORE THAN 0.2% LEAD.

FDOT GENERAL NOTES

- 1. ALL WORK INSIDE FDOT RIGHT OF WAY SHALL BE REFERENCED UNDER THESE NOTES.
2. THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE FDOT FLORIDA DESIGN MANUAL (PDM) AND ARE GOVERNED BY THE MOST CURRENT VERSION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE MOST CURRENT VERSION OF THE FDOT STANDARD PLANS.
3. AT THE END OF EACH DAY, THE RIGHT OF WAY (INCLUDING ALL TRAVEL LANES) SHALL BE RESTORED FOR SAFE VEHICULAR TRAFFIC.

TESTING SCHEDULE GUIDE

Table with columns: ITEM, TEST TYPE, TEST I.D., REQUIREMENT, FREQUENCY. Rows include Embankment, Utility Backfill, Backfill of Structures, Subgrade, Base, Soil Cement Base Mix Design, Asphaltic Concrete Materials Quality.

PAVING, GRADING & DRAINAGE TESTING AND INSPECTION REQUIREMENTS

- 1. THE STORM DRAINAGE PIPING AND FILTRATION SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL.
2. THE CONTRACTOR SHALL MAINTAIN THE STORM DRAINAGE SYSTEMS UNTIL FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RECORD TESTING WITH THE GEOTECHNICAL ENGINEER.

SANITARY SEWER NOTES

- 1. ALL SANITARY SEWER MAINS AND LATERALS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
2. ALL SANITARY SEWER WORK SHALL CONFORM TO LOCAL REGULATORY STANDARDS AND SPECIFICATIONS.
3. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING NEW WORK TO EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL NOTIFY LOCATION AND ELEVATION OF EXISTING CONNECTION POINT AND NOTIFY ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
4. SANITARY SEWER MAINS SHALL MEET THE FOLLOWING MINIMUM CRITERIA:
5. ALL SANITARY SEWER PIPELINES SHALL BE SOLID GREEN IN COLOR.

SANITARY SEWER TESTING AND INSPECTION REQUIREMENTS

- 1. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE ENGINEER.
2. ALL GRAVITY SEWER PIPING SHALL BE VIDEO TAPED AND RESULTS FURNISHED TO THE LOCAL UTILITY AND THE ENGINEER.
3. ALL SANITARY SEWER AND ALL SERVICE LATERALS SHALL BE SUBJECT TO ADDITIONAL TESTING AS REQUIRED BY LOCAL REGULATIONS.
4. ALL FORCE MAINS SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH LOCAL REGULATIONS.

WATER SYSTEM TESTING AND INSPECTION REQUIREMENTS

- 1. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL REMAIN UNCOVERED UNTIL PROPERLY PRESSURE TESTED AND ACCEPTED BY THE ENGINEER AND LOCAL AUTHORITIES.
2. CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED CHLORINATION/DISINFECTION AND BACTERIOLOGICAL SAMPLING IN ACCORDANCE TO ITEM #10 ABOVE.
3. CONTRACTOR SHALL OBTAIN CLEARANCE OF DOMESTIC WATER SYSTEM. COPIES OF ALL BACTERIOLOGICAL TESTS (WHICH SHALL ALSO INDICATE THE CHLORINE RESIDUAL) SHALL BE SUBMITTED TO ENGINEER.

WATER CLEARANCE REQUIREMENTS

- 1. NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT WILL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER.
2. NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY-OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE.
3. AT UTILITY CROSSINGS, ONE FULL LENGTH OF WATER MAIN PIPE WILL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE OR THE PIPES WILL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER.

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