

GENERAL NOTES

- 1. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE PROPOSED IMPROVEMENTS, THE ENGINEER, AND THE ARCHITECT. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE ANY NECESSARY INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE DEWATERING PLAN APPROVED BY THE WATER MANAGEMENT DISTRICT OR FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, AS APPLICABLE.
2. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO IN THESE PLANS SHALL BE OF THE CURRENT REVISION.
3. THE FOLLOWING DOCUMENTS ARE CONSIDERED THE GOVERNING STANDARDS FOR THE PREPARATION OF THE SITE CONSTRUCTION PLANS.
- FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JANUARY 2019 VERSION)
- FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS (FY 2018-2019)
- CITY OF ORLANDO WATER DEPARTMENT TECHNICAL MANUAL
- CITY OF ORLANDO WASTEWATER DEPARTMENT TECHNICAL STANDARDS GUIDELINE FOR CONSTRUCTION OF WASTEWATER FACILITIES
- CITY OF ORLANDO DEPARTMENT OF PUBLIC WORKS TRANSPORTATION TECHNICAL MANUAL
- CITY OF ORLANDO CONSTRUCTION CODE
4. THE CONTRACTOR SHALL OBTAIN AND FULLY FAMILIARIZE HIMSELF WITH THE CONTENTS OF THE ABOVE SPECIFICATIONS AND GUIDELINES. IN THE EVENT THAT A DISCREPANCY OCCURS BETWEEN THESE PLANS AND THE AFOREMENTIONED SPECIFICATIONS, THE SPECIFICATIONS SHALL TAKE PRECEDENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN WRITING. THE CONTRACTOR SHALL MAINTAIN AN 'APPROVED FOR CONSTRUCTION' PLANS SET ALONG WITH A COPY OF ALL THE DOCUMENTS NOTED ABOVE ON THE PROJECT SITE AT ALL TIMES.
5. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK. ALL CONSTRUCTION, MATERIALS AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE ORDINANCES OF THE CITY OF ORLANDO.
6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRE-CAST AND MANUFACTURED ITEMS TO THE ENGINEER FOR APPROVAL. FAILURE TO OBTAIN APPROVAL BEFORE FABRICATION AND/OR INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. A MINIMUM OF TWO WEEKS SHOULD BE PROVIDED FOR ENGINEER'S REVIEW.
7. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED BY OTHER CONTRACTORS AND UTILITY COMPANIES WITHIN AND ADJACENT TO THIS PROJECT. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES (INCLUDING, BUT NOT LIMITED TO, LIGHTING, POWER, TELEPHONE, CABLE, GAS, ETC.).
8. THE WATER, SANITARY SEWER, AND STORM DRAINAGE FACILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF APPLICABLE AGENCIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE REQUIRED PERMITS TO PERFORM WORK IN THE PUBLIC RIGHT-OF-WAY, IF APPLICABLE.
9. IT WILL BE NECESSARY TO EXAMINE, COORDINATE AND ADJUST ACCORDINGLY THE PROPOSED LOCATIONS OF THE VARIOUS COMPONENTS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT COORDINATION DRAWINGS SHOWING PIPE SIZES, STRUCTURES, AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING AND COORDINATION OF THE UNDERGROUND WORK ASSOCIATED WITH THIS PROJECT.
10. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY ENVIRONMENTAL PROTECTION AGENCY PERMITTING WHERE REQUIRED. THIS INCLUDES FILING A NPDES NOTICE OF INTENT.
11. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR CALLED FOR IN THIS CONTRACT.
12. ALL UNDERGROUND UTILITIES MUST BE IN PLACE AND TESTED OR INSPECTED PRIOR TO BASE AND PAVEMENT CONSTRUCTION.
13. FORTY-EIGHT (48) HOUR NOTICE IS REQUIRED TO THE ENGINEER PRIOR TO SITE INSPECTIONS AND/OR WITNESSING OF STORM, WATER, AND SEWER TESTING.
14. CONTRACTOR SHALL SCHEDULE AND COORDINATE A PRE-CONSTRUCTION CONFERENCE WITH AGENCIES HAVING JURISDICTION. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER OR ENGINEER-IN-CHARGE IMMEDIATELY.
15. THE DIMENSIONS AND LOCATIONS OF THE PROPOSED BUILDINGS SHOWN HEREON ARE APPROXIMATE ONLY. DO NOT UTILIZE SAID MEASUREMENTS FOR BUILDING LAYOUT. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS, LOCATION, AND CONNECTION TO ADJACENT STRUCTURES, DESIGNED BY OTHERS.
16. LAND SURVEYS, SOIL REPORTS AND LEGAL DESCRIPTIONS ARE BASED UPON THE DRAWINGS COMPLETED FOR THE SKYCENTER SITE DEVELOPMENT, ATRIUM AN PEDESTRIAN BRIDGE BY STANTEC. CONTRACTOR SHALL UTILIZE THESE DRAWINGS FOR REFERENCE POINTS, BENCHMARKS, AND HORIZONTAL AND VERTICAL DATUM.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES WHETHER OR NOT THEY ARE INDICATED ON THESE PLANS, AND SHALL NOTIFY ALL UTILITY OWNERS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION COMMENCEMENT. CONTRACTOR SHALL ABIDE BY FLA. STATUTE UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT (CALL 1-800-432-4770). THE CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT TO AS-NEW CONDITION OF ANY EXISTING FACILITY OR UTILITY DAMAGED BY HIM, WHETHER OR NOT SHOWN HEREON. THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH ALL UTILITY COMPANIES AND GOVERNING AGENCIES NECESSARY FOR CONSTRUCTION OF THE PROJECT, INCLUDING BUT NOT LIMITED TO THE CITY OF ORLANDO WATER & WASTEWATER DEPARTMENTS.
18. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN PERMITS FOR ALL ON-SITE AND OFF-SITE WORK REQUIRED BY APPROPRIATE AGENCIES.
19. DEVIATIONS FROM THIS DRAWING ARE NOT PERMITTED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN THE DRAWINGS PRIOR TO PROCEEDING.
20. ALL REQUIRED FILL SHALL MEET THE ARCHITECT'S SPECIFICATIONS.
21. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND LABOR REQUIRED FOR THE CONSTRUCTION, TESTING, INSPECTION AND COMPLETION OF THE PROJECT.
22. THE CONTRACTOR SHALL REPLACE ALL SURVEY STAKES DESTROYED.
23. THE CONTRACTOR SHALL NOTIFY ALL CITY OF ORLANDO INSPECTION PERSONNEL OF THE CONSTRUCTION SCHEDULE AS THEY SO REQUIRE.
24. IT IS THE INTENT OF THIS DESIGN TO CONFORM TO ALL APPLICABLE ADA CODES AND REGULATIONS, BUT THE ENGINEER DOES NOT WARRANT OR GUARANTEE SAME TO THE USER OF THESE PLANS. THE USER OF THIS PLAN SHALL BECOME FAMILIAR WITH SAID ADA PROVISIONS AND ADD SAME TO THIS PLAN AS NECESSARY TO CONFORM TO SAID CODES.
25. ALL CONSTRUCTION WILL COMPLY WITH THE LATEST FLORIDA FIRE PREVENTION CODE AND FLORIDA BUILDING CODE.
26. PRIOR TO CONSTRUCTION COMMENCEMENT, THE CONTRACTOR SHALL OBTAIN FROM THE ENGINEER AND/OR THE OWNER COPIES OF ALL PERTINENT PERMITS AND APPROVALS RELATED TO THIS PROJECT. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PERMIT CONDITIONS AND INSPECTION REQUIREMENTS SPECIFIED BY THE PERMITS AND VARIOUS GOVERNMENTAL AGENCIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY POST ALL PERMITS ON-SITE AND TO ASSURE ALL CONSTRUCTION ACTIVITIES ARE IN COMPLIANCE WITH THE CONDITIONS OF ALL PERMITS AND APPROVALS. THE CONTRACTOR SHALL SCHEDULE ANY NECESSARY INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS.
27. AREAS DISTURBED BY THE CONTRACTOR OUTSIDE OF THE CONSTRUCTION SITE SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE PRE-CONSTRUCTION CONDITION.
28. THE CONTRACTOR SHALL NOT UNDERTAKE ANY WORK HE BELIEVES OR DEEMS WILL CONSTITUTE A CHANGE ORDER WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER AND THE OWNER.
29. THE CONTRACTOR SHALL MAINTAIN A SET OF FIELD DRAWINGS DEPICTING AS-BUILT CONDITIONS OF ALL IMPROVEMENTS, NOTING ANY FIELD ADJUSTMENTS. THE DRAWINGS SHALL INCLUDE VERTICAL AND HORIZONTAL LOCATIONS OF ALL IMPROVEMENTS AND SYSTEMS, INCLUDING SLOPE OF PIPES; TYPES OF PIPE FOR UTILITY SYSTEMS IF DIFFERENT FROM DESIGN; STORM STRUCTURES AND PIPE INVERTS, INCLUDING OUTFALL PIPE DATA; UTILITY CROSSING DETAILS IF DIFFERENT FROM DESIGN; HORIZONTAL LOCATION OF PRESSURE PIPE SYSTEMS IF DIFFERENT FROM DESIGN LOCATIONS, AND ALL OTHER DATA INDICATING DEVIATIONS FROM DESIGN, AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE TO SUBMIT A CERTIFIED SET OF 'AS BUILTS', PREPARED IN ACCORDANCE WITH F.A.C. RULE 5J-17.052(1), TO THE ENGINEER. EACH SHEET OF THE PLANS SHALL BE SIGNED, SEALED AND DATED BY A PROFESSIONAL LAND SURVEYOR LICENSED TO PERFORM LAND SURVEYING SERVICES IN THE STATE OF FLORIDA. THE ENGINEER SHALL REVIEW THE 'AS BUILTS' AND CONVERT THEM INTO RECORD DRAWINGS.
30. WORK PERFORMED BY THE CONTRACTOR SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON SITE OR ADJACENT TO THE SITE, BY OTHER CONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES, INCLUDING BUT NOT LIMITED TO COUNTY SUBCONTRACTORS AND UTILITY COMPANIES LISTED IN NOTE 8 ABOVE.
31. CONSTRUCTION HYGIENE AND OVERALL CLEANUP SHALL BE ACCOMPLISHED BY THE CONTRACTOR IN ACCORDANCE WITH STATE AND COUNTY STANDARDS, OR AS DIRECTED BY THE ENGINEER AND OWNER TO THE SATISFACTION OF THE OWNER. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ACCESS TO PRIVATE PROPERTY. ALL DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER AND THE OWNER AT THE CONTRACTOR'S EXPENSE.
32. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S EQUIPMENT OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER, THE OWNER, AND THE APPLICABLE GOVERNMENTAL AGENCY.
33. ANY U.S.C. & G.S. MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED BY THE CONTRACTOR.

GENERAL NOTES (CONT.)

- 36. THIS DRAWING DELINEATES PAVEMENT AND DRAINAGE CONSTRUCTION ONLY (TO WITHIN 5 FT. OF ANY BUILDING) AND EXCLUDES WATERPROOFING, RETAINING WALL, VENTILATION OR STRUCTURAL DESIGNS. THE CONTRACTOR SHALL REFER TO THE DRAWINGS BY OTHERS TO INSURE SAID SUPPORT DESIGNS ARE COMPLETE AND DO NOT CONFLICT WITH THIS DRAWING PRIOR TO ANY OTHER CONSTRUCTION.
37. EROSION / SEDIMENTATION CONTROL - THE CONTRACTOR SHALL SUPPLY ALL EROSION / SEDIMENTATION BARRIERS (HAY BALES OR SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, THE CONTRACTOR SHALL PLACE STRAW, MULCH OR OTHER SUITABLE MATERIAL ON THE GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT THE SITE. EROSION CONTROL MEASURES ARE TO BE IN PLACE AT THE START OF CONSTRUCTION AND TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED. THE CONTRACTOR IS TO INSPECT BARRIERS FOR DAMAGE DURING CONSTRUCTION AND MAINTAIN AS NEEDED. IF, IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE AND CLEAN SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES.
38. THE SITE SHALL BE FINE GRADED SUCH THAT ONLY STORM WATER RUNOFF INTENDED TO ENTER THE POND SHALL DO SO. ALL OTHER RUNOFF SHALL BE DIVERTED AROUND THE POND SO AS NOT TO CREATE A POINT DISCHARGE OR DETRIMENTALLY AFFECT ANY ADJACENT PROPERTIES OR RIGHTS-OF-WAY.
39. ALL METALLIC CULVERT PIPE MUST BE BITUMINOUS COATED PER ASHOM-190. ONLY D.I.P. AND R.C.P. CULVERT PIPE MAY BE INSTALLED WITHIN THE CITY OF ORLANDO RIGHTS-OF-WAY. ONLY FLORIDA REGISTERED STORM SEWER CONTRACTORS MAY INSTALL DRAINAGE CULVERTS WITHIN PRIVATE PROPERTY. REGISTERED UTILITY CONTRACTORS MAY INSTALL CULVERT PIPES WITHIN CITY OF ORLANDO RIGHTS-OF-WAY.
40. CONSTRUCTION SHOWN ON THIS PLAN IS PERMITTED ONLY FOR THE WORK LOCATED WITHIN PRIVATE PROPERTY. ALL WORK WITHIN CITY RIGHTS-OF-WAY AND EASEMENTS WILL REQUIRE A SEPARATE PERMIT (TO BE OBTAINED BY THE CONTRACTOR) AND MAY REQUIRE ALTERATION TO THE CONSTRUCTION OR MATERIALS SHOWN ON THESE PLANS. RIGHT-OF-WAY PERMIT APPLICATIONS SHOULD BE SUBMITTED NO LATER THAN 30 DAYS BEFORE THE RIGHT-OF-WAY OR EASEMENT WORK IS TO COMMENCE. RIGHT-OF-WAY PERMIT REQUIRED PRIOR TO INITIATING CONSTRUCTION WITHIN CITY RIGHT-OF-WAY. CONTACT THE CITY OF ORLANDO DEPARTMENT OF TRANSPORTATION AND STORMWATER SERVICES - RIGHT-OF-WAY PERMITTING OFFICE AT (407) 246-2281.
41. ALL SIGNAGE AND STRIPING TO COMPLY WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), LATEST EDITION.
42. WITHIN 30 DAYS OF CONSTRUCTION COMPLETION THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH AN AS-BUILT SURVEY SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR SHOWING ALL DIMENSIONS, ELEVATIONS AND IMPROVEMENTS SHOWN ON THIS PLAN TO SUCH DETAIL AS THE ENGINEER NEEDS IN ORDER TO VERIFY WHETHER CONSTRUCTION HAS BEEN COMPLETED IN ACCORDANCE WITH THE DESIGN DRAWINGS.
43. ALL INLETS AND GRATE TOPS SHALL BE DESIGNED AND FURNISHED AS H-20 LOAD BEARING.
44. ALL EXISTING STORM MANHOLES THAT CONFLICT WITH THE PROPOSED ROAD AND/OR SIDEWALK GRADE SHALL BE ADJUSTED TO MATCH THE PROPOSED ROAD OR SIDEWALK ELEVATION IN ACCORDANCE WITH CITY STANDARDS, UNLESS OTHERWISE NOTED IN THE PLANS. ADJUSTED MANHOLE LIDS SHALL BE REPLACED WITH U.S. FOUNDRY 575 RING AND COVER.
45. ASPHALT & BASE TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND AS NOTED BELOW.
45.a. LOT SIZE SHALL BE BASED ON 2,000 TONS OF ASPHALT WITH A MINIMUM OF TWO PAVEMENT CORE SAMPLES REQUIRED PER SUBLOT. CORE SAMPLE LOCATIONS SHALL BE RANDOMLY SELECTED BY THE ENGINEER.
45.b. BASE TESTING SHALL BE IN ACCORDANCE WITH SECTION 200. ALL TESTING RESULTS SHALL BE PROVIDED TO THE ENGINEER PRIOR TO ACCEPTANCE.

SAFETY NOTES

- 1. DURING THE CONSTRUCTION AND MAINTENANCE OF THIS PROJECT, ALL OSHA SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL.
2. THE CONTRACTOR'S MAINTENANCE OF SAFETY PLAN MUST BE SUBMITTED AND APPROVED BY APPLICABLE AGENCIES AND ENGINEER PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
3. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION AND CONSTRUCTION WORK PER STANDARD 1910.12.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN ITS OWN SAFETY EQUIPMENT IN ACCORDANCE WITH ITS HEALTH & SAFETY PROGRAM AND ALL OTHER APPLICABLE LEGAL AND HEALTH AND SAFETY REQUIREMENTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING ITS EMPLOYEES AND SUB CONTRACTORS WITH ADEQUATE INFORMATION AND TRAINING TO ENSURE THAT ALL EMPLOYEES AND SUB CONTRACTORS AND SUB CONTRACTOR'S EMPLOYEES COMPLY WITH ALL APPLICABLE REQUIREMENTS. CONTRACTOR SHALL REMAIN IN COMPLIANCE WITH ALL OCCUPATION SAFETY AND HEALTH REGULATIONS AS WELL AS THE ENVIRONMENTAL PROTECTION LAWS. THE FOLLOWING IS NOT TO BE PERCEIVED AS THE ENTIRE SAFETY PROGRAM BUT JUST BASIC REQUIREMENTS.
5. ALL EXCAVATIONS BY THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF THE DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION RULES AND REGULATIONS AND FLORIDA TRENCH SAFETY ACT. PARTICULAR ATTENTION MUST BE PAID TO THE CONSTRUCTION STANDARDS FOR EXCAVATIONS, 29 CFR PART 1926, SUBPART P.
6. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
7. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
8. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
9. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 24 HOUR NOTICE TO THE UTILITY COMPANIES PRIOR TO CONSTRUCTION TO OBTAIN FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES. CALL SUNSHINE STATE CALL 800-477-4770.

TESTING NOTES

- 1. TESTS SHALL BE LOCATED NO MORE THAN 500 FEET APART. TESTS SHALL BE PERFORMED ON EACH LIFT PER FOOT THAT TESTS SHALL NOT BE FURTHER APART THAN ONE (1) FOOT VERTICALLY. FIELD DENSITIES SHALL BE TAKEN OVER ALL ROAD CROSSINGS. FIELD DENSITIES FOR SANITARY LINES SHALL BE STAGGERED TO INCLUDE RESULTS OVER SERVICE LATERALS. THERE SHALL BE A MINIMUM OF ONE (1) TEST RESULT FOR EACH 6 INCHES OF 12 INCH DIAMETER PIPE OVER PIPELINE BETWEEN MANHOLES. TESTS AROUND STRUCTURES SHALL BE SPIRALED IN 6 INCH LIFTS. TESTS AROUND BOX CULVERTS SHALL BE TAKEN ON BOTH SIDES OF EACH LIFT.
2. FOR FLEXIBLE PIPE (CORRUGATED STEEL OR ALUMINUM), 95% OF MAXIMUM DENSITY (AASHTO-199) PER FDOT SUPPLEMENTAL SPECIFICATIONS SUB ARTICLE 125-8.3.2 AS MODIFIED.
3. TESTS SHALL BE LOCATED NO MORE THAN 300 FEET APART. THERE SHALL BE NO LESS THAN THREE (3) TESTS PER ROAD.
4. APPLIES TO SITE CONCRETE SUCH AS CURBS, GUTTERS, FLUMES, SIDEWALKS AND SIDEWALKS.
5. ENGINEER OF RECORD SHALL RECEIVE MATERIAL TESTING RESULTS NO LATER THAN ONE (1) WEEK FROM THE TEST DATE.
6. MATERIALS SHALL BE TESTED AT THE SPRING LINE OF THE PIPE.
7. EMBANKMENT, FILL, AND BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED IN LIFTS NOT TO EXCEED TWELVE (12) INCHES VERTICALLY. EACH COMPACTED LIFT SHALL PASS THE AFOREMENTIONED TESTING CRITERIA BEFORE PROCEEDING TO THE NEXT VERTICAL LIFT.
8. DENSITY TESTS SHALL BE PERFORMED AT A MINIMUM FREQUENCY OF ONE TEST PER EVERY 250 SQUARE YARDS OF FILL MATERIAL BEING PLACED, PER VERTICAL LIFT.
9. IF SUCCESSIVE VERTICAL LIFTS ARE PLACED, THE DENSITY TESTS SHALL BE STAGGERED SO AS TO NOT BE REPEATED IN THE SAME LOCATION.

TESTING SCHEDULE

Table with 3 columns: ITEM, TEST, TEST FREQUENCY. Rows include: PIPE TRENCH BACK FILL OVER PIPELINES AND AROUND STRUCTURES FROM R.O.W. LINE TO R.O.W. LINE AND IN STRUCTURAL AREAS; STABILIZED SUB GRADE; BASE (OTHER THAN SOIL CEMENT); BASE (SOIL CEMENT); CONCRETE (SEE NOTE 4 IN TESTING NOTES) (PER AASHTO & ASTM SPECS); ASPHALTIC CONCRETE (PER FDOT SECTION 320); SEPARATION OF WATER AND SEWER LINES.

Table with 2 columns: HORIZONTAL SEPARATION OF PIPELINES, ALTERNATE CONSTRUCTION. Rows include: MINIMUM SEPARATION DISTANCE; THREE FEET, AND PREFERABLY TEN FEET; SIX FEET, AND PREFERABLY TEN FEET; TEN FEET; VERTICAL SEPARATION OF PIPELINES; MINIMUM SEPARATION DISTANCE FROM THE (OUTSIDE TO THE OUTSIDE); 6 INCHES, PREFERABLY 12 INCHES ABOVE; 12 INCHES BELOW; 12 INCHES ABOVE OR BELOW; ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE.

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REVISIONS

Table with 3 columns: NO., DATE, DESCRIPTION.

NATIVE engineering,plc P.O. BOX 2905 LAND O' LAKES, FL 34639 (813) 536-2539 CERTIFICATE OF AUTHORIZATION NUMBER: 28759

AUTO REPAIR @ GOLDENROD MARKETPLACE FOR AMPROP ENTERPRISES GOLDENROD, LLC 4201 WEST CYPRESS STREET, TAMPA, FL 33607

GENERAL NOTES

JOSHUA S. BRADLEY State of Florida, Professional Engineer, License No. 60020 THIS DRAWING HAS BEEN DIGITALLY SIGNED AND SEALED BY THE ENGINEER AND THE DATE INDICATED HEREIN. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRIC COPIES.

SHEET NUMBER

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S-T-R 23-23-30