

GENERAL CONSTRUCTION NOTES

- THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND ENGINEER AND THEIR RESPECTIVE REPRESENTATIVES, AGENTS, AND EMPLOYEES, IN BOTH INDIVIDUAL AND OFFICIAL CAPACITIES, AGAINST ALL LAWS, ACTIONS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING ATTORNEY FEES, CAUSED BY RESULTING FROM, AND/OR INCIDENTAL TO THE PERFORMANCE OF THE WORK UNDER THIS CONTRACT TO THE FULL EXTENT AS ALLOWED BY THE LAWS OF THE STATE OF FLORIDA AND NOT BEYOND ANY EXTENT WHICH WOULD RENDER THESE PROVISIONS VOID OR UNENFORCEABLE. IN THE EVENT OF ANY SUCH INJURY, DEATH, LOSS, OR DAMAGE, OR CLAIMS THEREOF, THE CONTRACTOR SHALL GIVE PROMPT NOTICE TO THE OWNER AND THE ENGINEER.
- DEFINITIONS**
 - OWNER: ESCAMBIA COUNTY/EMERALD COAST REGIONAL COUNCIL.
 - ENGINEER: OWNER'S DESIGNATED REPRESENTATIVE FOR CONSTRUCTION, OBSERVATION, AND ADMINISTRATION.
 - ENGINEER OF RECORD (EOR): ENGINEER WHOSE NAME AND SEAL IS AFFIXED TO THE DRAWINGS AND SPECIFICATIONS OF APPLICABLE WORK.
- GENERAL NOTES:**
 - ALL WORK PERFORMED SHALL BE GOVERNED BY THE FOLLOWING STANDARDS:
 - FLORIDA BUILDING CODE: 2023
 - FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION: FY2024-25
 - FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION: FY2024-25
 - EMERALD COAST UTILITIES AUTHORITY ENGINEERING MANUAL DATED SEPTEMBER 1, 2016
 - THE CONTRACTOR SHALL INVESTIGATE THE PROJECT SITE DURING BIDDING AND PRIOR TO INITIATING ANY CONSTRUCTION. PRIOR TO INITIATING WORK, CONTRACTOR SHALL PHOTOGRAPHICALLY DOCUMENT THE CONDITIONS IN AND AROUND THE ESCAMBIA COUNTY REGIONAL TRAFFIC MANAGEMENT CENTER AREA IMPROVEMENTS WITH COLOR DIGITAL PHOTOGRAPHS. PHOTOS SHALL BE PROVIDED TO THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE AT THE PRE-CONSTRUCTION MEETING. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING CONDITIONS THAT ARE TO REMAIN, WITH SAID PHOTOS TO SUPPORT CONDITIONS AT THE SITE.
 - THE CONTRACTOR SHALL, PRIOR TO ANY CONSTRUCTION ACTIVITY, HOLD A PRE-CONSTRUCTION MEETING WITH ALL PERMITTING AGENCIES INVOLVED, INCLUDING ESCAMBIA COUNTY, ENGINEER OF RECORD, AND NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT.
 - THE CONTRACTOR SHALL LOCATE AND FIELD VERIFY ALL STRUCTURES AND EXISTING UTILITIES (ABOVE GROUND AND BELOW GROUND), WHETHER SHOWN OR NOT ON THE DRAWINGS, BEFORE BEGINNING WORK. CONTRACTOR SHALL ALSO FIELD VERIFY ALL DIMENSIONS AND QUANTITIES.
 - ONCE MOBILIZED, CONTRACTOR MUST WORK ON THE PROJECT CONTINUOUSLY WITHOUT ABSENCES FROM THE SITE UNLESS APPROVED BY THE OWNER.
 - THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES, THEIR PERSONNEL, AND SUB-CONTRACTORS WITH THE DRAWINGS, SPECIFICATIONS, REGULATORY AUTHORIZATIONS, AND ALL OTHER CONTRACT DOCUMENTS.
 - ALL WORK SHALL CONFORM TO THE CONSTRUCTION DRAWINGS, SPECIFICATIONS, REGULATORY AUTHORIZATIONS, AND ANY OTHER CONTRACT DOCUMENTS. THE CONTRACTOR SHALL POST AT THE PROJECT SITE ALL PERMIT NOTICES AND COMPLY WITH ALL TERMS OF THE PERMITS AS PERTAINING TO THE WORK.
 - CONTRACTOR SHALL CHECK FOR CONFLICTS AND DISCREPANCIES AND NOTIFY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE OF ANY CONFLICTS BEFORE PERFORMING WORK IN THE AFFECTED AREA AND SHALL ALLOW 48 HOURS FOR THE EOR TO RESPOND.
 - THE CONTRACTOR SHALL CONDUCT CONSTRUCTION AND COORDINATE WITH THE OWNER AND ENGINEER IN SUCH A WAY AS TO ENSURE PUBLIC AND PRIVATE SAFETY IN AND AROUND THE CONSTRUCTION SITE.
 - SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT," CHAPTER 553.60-553.64, FLORIDA STATUTES. CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE FOLLOWING IN THE FIELD: RIGHT OF WAY LINES, BENCHMARKS, CENTER LINES, AND STATIONING AS MAY BE REQUIRED TO CONSTRUCT THE PROJECT.
 - THE CONTRACTOR SHALL PROVIDE ACCESS TO THE WORK FOR INSPECTION BY THE ENGINEER, REGULATORY AGENCIES, AND OWNER.
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE ENGINEER AS NECESSARY FOR CONSTRUCTION INSPECTION AND AS-BUILT CERTIFICATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT APPROPRIATE AND APPROVED TIMES DURING THE COURSE OF THE WORK THAT THE CONTRACTOR IS READY FOR INSPECTION. WORK THAT IS ASSEMBLED OR COVERED SO THAT THE ENGINEER CANNOT INSPECT THE WORK PROPERLY SHALL BE DISASSEMBLED, UNCOVERED, OR DESTROYED AS NECESSARY FOR INSPECTION. THE COSTS OF REPAIR OR RESTORATION OF THIS WORK SHALL BE BORNE SOLELY BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL PROVIDE PERSONNEL AND EQUIPMENT FOR ENGINEER TO INSPECT AND INQUIRE ABOUT THE WORK. THIS MAY INCLUDE BUT NOT BE LIMITED TO PROJECT MANAGERS, SUPERINTENDENTS, FOREMEN, LABORERS, LADDERS, HARD HATS, LIFTS, SCAFFOLDING, BRACS, MEASURING DEVICES, SURVEY EQUIPMENT, AND OTHER NECESSARY TOOLS.
 - THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING, BRACING, OR OTHER MEANS/METHODS NECESSARY TO STABILIZE ALL STRUCTURES (OR STAGED MATERIAL) UNTIL COMPLETED WITH ALL COMPONENTS INSTALLED. UNLESS SPECIFICALLY STATED ON THE DRAWINGS, THE CONTRACTOR SHALL ASSUME THE EOR HAS ONLY DESIGNED THE STRUCTURE(S) FOR THE FINAL CONSTRUCTED AND ASSEMBLED STATE AS SHOWN ON THE DRAWINGS.
 - ALL PERMANENT MATERIAL SHALL BE NEW, USED, RECONDITIONED, OR REMANUFACTURED MATERIAL SHALL NOT BE ALLOWED UNLESS APPROVED BY THE OWNER IN WRITING.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL AND STATE BUILDING CODES. PRE-CONSTRUCTION PLAN APPROVALS REQUIRED BY LOCAL BUILDING AUTHORITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL FORWARD ALL ENGINEERING RELATED QUESTIONS TO THE ENGINEER FOR CONSIDERATION. INSPECTIONS REQUIRED BY LOCAL BUILDING AUTHORITIES SHALL BE COORDINATED BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES AS NECESSARY TO COMPLY WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS. EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS ARE A MINIMUM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY PERMIT AUTHORITIES. ANY ADDITIONAL EROSION CONTROL MEASURES SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING OF ALL DEBRIS. DEMOLITION DEBRIS SHALL BE DISPOSED OFFSITE AT A LICENSED LANDFILL IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.
 - CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, WHICH MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR CALLED FOR IN THIS CONTRACT. SEE FDOT SPECIFICATION SECTION 108 FOR ADDITIONAL INFORMATION REGARDING PROTECTION OF EXISTING UTILITIES.
 - CONTRACTOR SHALL PAY THE COST FOR ALL ELECTRICAL SERVICE UP TO FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE.
 - THE COST OF ALL INSPECTION FEES SHALL BE BORNE BY THE CONTRACTOR.
 - GEOTECHNICAL ENGINEERING SERVICES INCLUDING SOIL BORINGS HAVE BEEN PROVIDED BY ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC. THE OWNER ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS, COMPLETENESS OR ACCURACY OF THE GEOTECHNICAL DATA PROVIDED BY LARRY M. JACOBS AND ASSOCIATES, INC.
 - IF PREHISTORIC OR HISTORIC ARTIFACTS, SUCH AS POTTERY OR CERAMICS, PROJECTILE POINTS, DUGOUT CANOES, METAL IMPLEMENTS, HISTORIC BUILDING MATERIALS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN, EARLY EUROPEAN, OR AMERICAN SETTLEMENTS ARE ENCOUNTERED AT ANY TIME WITHIN THE PROJECT SITE AREA, THE PERMITTED PROJECT SHALL CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE VICINITY OF THE DISCOVERY. THE APPLICANT SHALL CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, COMPLIANCE REVIEW SECTION AT (850) 245-6333. PROJECT ACTIVITIES SHALL NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK SHALL STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH 872.05 FS.
 - THE CONTRACTOR SHALL WARRANT THE WORK FOR A MINIMUM OF ONE YEAR UNLESS CLEARLY DEFINED OTHERWISE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL DEFECTIVE MATERIALS AND WORK AT NO COSTS TO THE OWNER WITHIN THE STATED WARRANTY PERIOD.
 - PRIOR TO INSTALLATION, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRE-CAST MATERIALS AND MANUFACTURED ITEMS TO THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE FOR APPROVAL. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE.

PERMITS AND PERMIT CONDITIONS

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NOT SUPPLIED BY THE OWNER AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS. COSTS OF OBTAINING PERMITS NOT SUPPLIED BY THE OWNER SHALL BE BORNE BY THE CONTRACTOR. THIS SHALL INCLUDE BUT NOT BE LIMITED TO: NPDES PERMIT (OR NOI), CLEARING OR LAND DISTURBANCE PERMITS, TREE IMPACT PERMITS, CITY OR COUNTY BUILDING PERMITS, DRIVEWAY OR ENTRANCE PERMITS, TEMPORARY UTILITIES PERMIT, ETC.
- UNLESS CLEARLY SPECIFIED OTHERWISE BY THE OWNER IN THE CONTRACT DOCUMENTS, THE CONTRACTOR

SHALL BE RESPONSIBLE FOR FILING ALL NOTICES OF COMMENCEMENTS AND NOTICES OF COMPLETION TO ALL PERMITTING AGENCIES INCLUDING PERMITS SUPPLIED BY THE OWNER.

- ALL PROPOSED CONSTRUCTION ACTIVITIES SHALL BE IN STRICT COMPLIANCE WITH ALL SPECIAL PERMIT CONDITIONS AS OUTLINED IN THE PERMITS. IF PERMIT CONDITIONS DIFFER FROM THESE SPECIFICATIONS, PERMIT CONDITIONS SHALL CONTROL.

AS-BUILT SURVEY AND RECORD DRAWINGS

- RECORD DRAWINGS: A COPY OF THE ORIGINAL SIGNED AND SEALED DRAWINGS KEPT ONSITE AT ALL TIMES WHERE THE CONTRACTOR SHALL KEEP A RECORD OF ALL DEVIATIONS FROM THE ORIGINAL DRAWINGS MARKED IN RED PENCIL OR PEN. WHEN ALL SUBSTANTIAL WORK IS DONE AND BEFORE NOTICE OF FINAL COMPLETION OF THE WORK, THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND UP TO THREE (3) FULL SIZE OR REDUCED SIZE COPIES AS REQUESTED BY THE ENGINEER.
- AS-BUILT SURVEY DRAWINGS: POST-CONSTRUCTION SURVEY DRAWINGS SIGNED AND SEALED BY A FLORIDA LICENSED SURVEYOR AND MAPPER PURSUANT TO CHAPTER 472 FLORIDA STATUTES, MARKED "AS-BUILT" SURVEY, AND REVIEWED BY THE ENGINEER(S). THE AS-BUILT SURVEY SHALL BE SUBMITTED IN DIGITAL AND 22" X 34" PAPER VERSIONS (UP TO 6 COPIES) TO THE ENGINEER AND OWNER FOR APPROVAL. THE AS-BUILT SURVEY SHALL BE PERFORMED IN THE SAME HORIZONTAL AND VERTICAL COORDINATE SYSTEM THE DRAWINGS ARE IN. DIGITAL DRAWINGS SHALL BE IN AUTOCAD 2016 OR NEWER VERSION AND PDF FORMAT.

SURVEY NOTES

- ALL ELEVATIONS REFERED THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD88). ELEVATIONS IN FEET UNLESS NOTED OTHERWISE.
- ALL COORDINATES REFERENCE STATE PLANE FLORIDA NORTH NAD 83. COORDINATES IN FEET UNLESS NOTED OTHERWISE.
- EXISTING TMC/EOCR SITE SURVEYED AUGUST 2023 BY SNELGROVE SURVEYING & MAPPING, INC.
- THE INFORMATION ON THESE DRAWINGS REPRESENTS THE RESULTS OF THE SURVEYS PERFORMED ON THE DATES AS INDICATED THE INFORMATION FROM THESE SURVEYS CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THE TIME OF THE SURVEYS.
- ANY PUBLIC LAND CORNER OR BENCHMARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE IMMEDIATELY. ANY MONUMENT OR OTHER SURVEY MARK SHALL BE RESET BY A FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AT CONTRACTOR'S EXPENSE.
- IF ANY GEODETIC MONUMENT WITHIN THE LIMITS OF CONSTRUCTION ARE DISTURBED, CONTRACTOR SHALL NOTIFY:

DENIS RIORDAN, REGIONAL GEODETIC ADVISOR
NATIONAL GEODETIC SURVEY
JACKSON, MS
(240) 678-2107
denis.riordan@noaa.gov

- ALL BENCHMARKS NOTED ON THE PLANS ARE TO BE MAINTAINED THROUGHOUT THE PROJECT. DESTROYED BENCHMARKS SHALL BE REDEFINED BY A FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AT THE CONTRACTOR'S EXPENSE.

STAGING AND CONSTRUCTION ACCESS

- STAGING AND ACCESS AREAS SHOWN ON THE DRAWINGS ARE PROPOSED FOR BIDDING PURPOSES. CONTRACTOR MAY PROPOSE ADDITIONAL STAGING OR ACCESS AREAS BUT WILL BE RESPONSIBLE FOR REVIEWING THE SITES SUITABILITY FOR THE PROPOSED WORK AND, IF ACCEPTABLE, OBTAINING USE AGREEMENTS WITH THE UPLAND PROPERTY OWNER FOR THE PROPOSED WORK. CONTRACTOR MAY PROPOSE ADDITIONAL OR ALTERNATIVE STAGING AREAS, LOADING AREAS, TEMPORARY FACILITIES, OR OTHER WORK LOCATIONS IN THEIR CONSTRUCTION WORK PLAN FOR ENGINEER AND OWNER REVIEW AND ACCEPTANCE.
- THE CONTRACTOR SHALL PLACE BARRICADES AND SIGNS INDICATING THE AREAS AND LIMITS OF CONSTRUCTION.
- RIGHT OF WAY MAY NOT BE USED FOR STORAGE OF NEW OR REMOVED MATERIAL. ANY SITE WITHIN THE PROJECT LIMITS INTENDED FOR MATERIAL STORAGE MUST BE PRE-APPROVED BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE. ANY SOIL, PIPE, UTILITIES, CONCRETE, ASPHALT, VEGETATION OR SIGNAGE MATERIALS THAT ARE REMOVED AND ARE NOT INTENDED FOR RE-USE SHALL BE REMOVED FROM THE PROJECT EACH WORKDAY AND CANNOT REMAIN ONSITE. NEW OR EXISTING MATERIALS MUST BE REMOVED FROM THE RIGHT OF WAY AT THE END OF EACH WORKDAY.
- THE CONTRACTOR SHALL COORDINATE WORK HOURS WITH OWNER AND ENGINEER TO MEET PROJECT SCHEDULE REQUIREMENTS. WORK HOURS SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS AND FDEP AGREEMENT.
- CONTRACTOR WILL NOT BE ALLOWED TO TRAVERSE, UTILIZE, OR IMPACT ADJACENT PROPERTIES WITHOUT THE CONTRACTOR'S CERTIFIED AUTHORIZATION FROM THE PROPERTY OWNER AND A CONSTRUCTION WORK PLAN ACCEPTED BY THE OWNER AND ENGINEER.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH ALL OTHER CONSTRUCTION ADJACENT TO THE PROJECT. IN THE EVENT OF ANY CONFLICT WHATSOEVER, THE CONTRACTOR SHALL NOTIFY THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE PRIOR TO PROCEEDING WITH CONSTRUCTION.
- IN ORDER TO LIMIT DISTURBANCE TO THE SURROUNDING NEIGHBORHOODS, CONTRACTOR SHALL BE LIMITED TO CONSTRUCTION BETWEEN THE HOURS OF 7:00 A.M. TO 7:00 P.M. MONDAY THROUGH FRIDAY AND FROM 8:00 A.M. TO 7:00 P.M. ON SATURDAY. CONSTRUCTION OUTSIDE OF THESE HOURS MUST HAVE PRIOR WRITTEN CONSENT FROM THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE.
- THE CONTRACTOR'S PROPOSED MATERIAL LOADING, HANDLING, HAULING, AND PLACEMENT OPERATIONS SHALL BE PERFORMED IN SUCH A MANNER AS TO MINIMIZE THE WORK AREA FOOTPRINT. REDUCE DAMAGE TO UTILITIES AND REDUCE THE POTENTIAL DETERIORATION OF EXISTING ACCESSES AND HAIL ROUTES, AND AVOID IMPACTS TO VEGETATION TO THE GREATEST EXTENT PRACTICAL.
- THE CONTRACTOR PROPOSED STAGING AREAS AND ACCESS CORRIDORS SHALL BE SUBJECT TO REVIEW BY THE OWNER AND ENGINEER. ACCEPTED AREAS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND BE RESTORED TO THE ORIGINAL CONDITION FOLLOWING CONSTRUCTION. THE CONTRACTOR SHALL CLEARLY IDENTIFY THE ACCEPTED STAGING AREA (WITH FLAGS, STAKES, OR SIMILAR) AND MAY NOT OPERATE EQUIPMENT OR TRANSVERSE AREAS OUTSIDE THE MARKED AREA WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- THE CONTRACTOR IS REQUIRED TO RESTORE THE ACCEPTED STAGING AND CORRIDOR AREAS TO THE ORIGINAL SITE CONDITION. RESTORATION ACTIVITIES MAY INCLUDE, BUT SHALL NOT BE LIMITED TO, REPLACING OR REPAIRING DAMAGED INFRASTRUCTURE (INCLUDING FENCING, PAVEMENT, ETC.), PLACING AND GRADING CLEAN SAND FILL IN RUTTED OR DISTURBED AREAS, AND VEGETATION RESTORATION.

SITENWORK NOTES

- CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE PROJECT NECESSARY FOR CONSTRUCTION.
- EXCESS SOIL THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCAVATION IS TO BE UTILIZED ON-SITE IF OF SUITABLE MATERIAL. EXCESS MATERIAL IS TO BE EITHER STOCKPILED ON THE SITE OR DISPOSED OF AS DIRECTED BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE. STOCKPILED MATERIAL SHALL BE PROTECTED WITH SILT FENCING (REFER TO STORMWATER POLLUTION PROTECTION PLAN DETAILS.)
- CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING EXCESS EARTHWORK FROM THE PROJECT.
- BURNING OF MATERIALS AND/OR DEBRIS AS A MEANS OF DISPOSAL IS PROHIBITED WITHIN THE PROJECT LIMITS.
- FOR PAVING, NON-SELECT SOILS, WHEN ENCOUNTERED, SHALL BE REMOVED FROM CONSTRUCTION AREAS AND BACK-FILLED WITH SELECT MATERIALS IN ACCORDANCE WITH FDOT INDICES 500 AND 505.
- ALL ROCKS OR STONES LARGER THAN 6 IN. IN DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL. BACKFILL MATERIALS PLACED WITHIN 1 FT. OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN 2 IN. IN DIAMETER IN ACCORDANCE WITH FDOT INDICES 500 AND 505.
- THE CONTRACTOR SHALL SURVEY AND STAKE THE CLEARING LIMITS AS INDICATED BY THE PLANS AND RECEIVE APPROVAL FROM THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE PRIOR TO COMMENCING WITH THE CLEARING AND GRUBBING OPERATION. (REFER TO TREE PROTECTION DETAILS AND NOTES.)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL AND STATE REGULATIONS CONCERNING SITE SAFETY AND HANDLING AND DISPOSAL OF CONTAMINATED SOILS.
- CLEARING AND GRUBBING INCLUDES THE REMOVAL OF ALL INCIDENTAL ITEMS INCLUDING BUT NOT LIMITED TO STRUCTURES, CONCRETE, ASPHALT, GRAVEL, FENCING AND ANY OTHER IMPROVEMENTS TO BE REMOVED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF SUCH ITEMS OFF SITE.
- EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCAVATION IS TO BE UTILIZED ONSITE ACCORDING TO THE ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE.

PAVING AND GRADING NOTES

- ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MULCH, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DESIGNATED BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE. DELETERIOUS MATERIAL IS TO BE REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS AND IN ACCORDANCE WITH THE SOILS REPORT. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
- PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.

- CONTRACTOR TO PROVIDE A ½-IN. BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER CONCRETE ITEMS (BUILDINGS, CURBING, SIDEWALKS, ETC.).
- ALL UNDERGROUND UTILITIES MUST BE IN PLACE, TESTED OR INSPECTED, AND APPROVED PRIOR TO SURFACE CONSTRUCTION.
- EXISTING SIGNAGE TO REMAIN THAT WILL BE AFFECTED BY CONSTRUCTION SHALL BE RELOCATED DURING CONSTRUCTION. SEE DEMOLITION PLAN.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH AN INDEPENDENT TESTING COMPANY TO VERIFY COMPACTION. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL HAVE ALL TEST RESULTS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA PURSUANT TO CHAPTER 471 FLORIDA STATUTES AND SUBMITTED TO THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE.
- ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND SHALL BE PLACED 14 DAYS AFTER PLACEMENT OF FINAL ASPHALT SURFACE.
- THE CONTRACTOR SHALL COMPLETE ALL WORK INCLUDING RESTORATION, EXCEPT THE FINAL ASPHALT COURSE ON ONE SIDE OF THE ROADWAY PRIOR TO BEGINNING WORK ON THE IMPROVEMENTS TO THE OTHER SIDE OF THE ROADWAY. THE FINAL ASPHALT COURSE SHALL BE PLACED ON BOTH LANES AT THE SAME TIME.
- ALL SIDEWALKS TO BE A MINIMUM 3,000 PSI CONCRETE AND 4-INCH THICK EXCEPT AT DRIVEWAY CROSSINGS WHERE THEY SHALL BE 6-INCH THICK REINFORCED WITH 6 IN X 6 IN W1.4XW1.4 WELDED WIRE MESH.

MAINTENANCE OF TRAFFIC GENERAL NOTES:

- TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE FDOT DESIGN STANDARDS, INDEX 600 SERIES.
- TEMPORARY TRAVEL LANES SHALL NOT BE LESS THAN 10 FT. IN WIDTH ON ROADWAYS OPEN TO TRAFFIC AND ADJACENT SIDE ROADS. TRAVEL LANES ON ROADWAYS OPEN TO TRAFFIC SHALL BE PROPERLY DELINEATED AT ALL TIMES DURING CONSTRUCTION.
- MAINTENANCE OF TRAFFIC OPERATIONS ON INTERSECTING THROUGHFARES AND ADJACENT STREETS SHALL BE COORDINATED WITH THE ESCAMBIA COUNTY.
- IT IS THE RESPONSIBILITY OF CONTRACTOR TO MAINTAIN CLEAR ZONE REQUIREMENTS FOR EQUIPMENT AND MATERIALS STORAGE AND WORK ZONE PROTECTION AS SPECIFIED IN FDOT STANDARD INDEX 600.
- CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE WHEN HISTORICAL DRAINAGE PATTERNS ARE IMPEDED IN AN ACTIVE WORK ZONE. ANY ADJACENT ROADWAY WITH DRAINAGE (INSTALLATION AND REPAIR OF TEMPORARY STRUCTURES, DE-SILTING OF EXISTING PIPES) SHALL BE INCIDENTAL TO THE CONTRACT.
- ACCESS TO EXISTING DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES. CONTRACTOR SHALL SUBMIT AN ACCESS MAINTENANCE PLAN FOR REVIEW AND RELEASE FOR CONSTRUCTION BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE. RESIDENTS SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF ANY DRIVEWAY INTERRUPTIONS.
- CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL OFFICER DURING ALL INTERMITTENT LANE CLOSURE OPERATIONS, NIGHTTIME OPERATIONS, AND DURING IMPLEMENTATION OF CHANGE IN THE TRAFFIC PATTERN (REROUTING OR SHIFTING TRAFFIC).
- UNLESS OTHERWISE NOTED IN THE PLANS, THE EXISTING SPEED LIMITS ON ALL ROADWAYS SHALL BE MAINTAINED DURING CONSTRUCTION.
- CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN. THE PLAN MUST BE SIGNED AND SEALED BY A FLORIDA PROFESSIONAL ENGINEER LICENSED UNDER CHAPTER 471, FLORIDA STATUTES. PRIOR TO IMPLEMENTATION, PLAN MUST BE SUBMITTED TO AND APPROVED BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE.
- THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN ESCAMBIA COUNTY RIGHT OF WAY WITH THE PROPER AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION AND REPAIR. CONTRACTOR SHALL OBTAIN ALL PERMITS AND APPROVALS PRIOR TO INITIATING WORK WITHIN THE RIGHT OF WAY.
- THE CONTRACTOR MUST PROVIDE A QUALIFIED MAINTENANCE OF TRAFFIC SUPERVISOR TO BE ON SITE WHEN WORK IS TAKING PLACE AND SHALL BE ON CALL FOR EMERGENCIES WHEN THE CONTRACTOR IS NOT AVAILABLE. THIS SUPERVISOR IS RESPONSIBLE FOR OVERSIGHT OF THE TRAFFIC CONTROL PLAN AND WILL BE REQUIRED TO SUBMIT WRITTEN INSPECTION REPORTING VERIFYING COMPLIANCE WITH THE TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL PROVIDE A COPY OF THE OWNER'S DESIGNATED REPRESENTATIVE A 24-HOUR ON-CALL TELEPHONE NUMBER FOR THE SUPERVISOR.
- THE CONTRACTOR SHALL ADD MAINTENANCE OF TRAFFIC DEVICES AS NEEDED TO PROVIDE ACCESS TO THE INTERIOR OF THE SITE. DEVICES SHALL BE PLACED SUCH THAT THE SAFETY OF THE PUBLIC AND CONSTRUCTION PERSONNEL ARE PROTECTED AT ALL TIMES.
- THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE RESERVES THE RIGHT TO REQUIRE ADDITIONAL DEVICES AND/OR CHANGES TO THE TRAFFIC CONTROL PLAN BASED UPON CHANGING TRAFFIC CONDITIONS OR TRAFFIC SAFETY ISSUES.
- CLOSURE OF THE ESCAMBIA COUNTY ROADS AND PARKING AREAS REQUIRE THE CONTRACTOR TO SUBMIT A ROAD CLOSURE REQUEST PACKAGE TO ESCAMBIA COUNTY A MINIMUM OF TWO (2) WEEKS PRIOR TO CLOSURE. THE CLOSURE REQUEST SHALL INCLUDE THE MAINTENANCE OF TRAFFIC PLAN, DETOUR PLAN AND A BRIEF DESCRIPTION OF CONSTRUCTION. PLANS ARE TO BE APPROVED BY A PROFESSIONAL ENGINEER OR A FOOT CERTIFIED ADVANCED MOT PRACTITIONER.
- TEMPORARY LANE CLOSURES, ON THOSE ROADWAYS OPEN TO TRAFFIC, WILL NOT BE ALLOWED BETWEEN THE HOURS OF 6:30 AM AND 9:00 AM AND BETWEEN THE HOURS OF 4:00 PM AND 8:00 PM. THE CONTRACTOR SHALL REQUEST FROM THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE, A STREET, LANE OR SIDEWALK CLOSURE 24 HOURS IN ADVANCE OF SUCH CLOSURE.
- STREETS USED AS TEMPORARY DETOUR ROUTES AND HAUL ROUTES WILL BE MAINTAINED IN GOOD CONDITION AND BE KEPT FREE OF SILT AND DEBRIS BY THE CONTRACTOR AS DIRECTED BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE.

TREE PROTECTION NOTES:

- PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN AS INDICATED ON THE PLANS SHALL BE PROTECTED IN ACCORDANCE WITH THE DETAILS CONTAINED IN THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THESE TREES IN GOOD CONDITION. NO TREE SHOWN TO REMAIN SHALL BE REMOVED WITHOUT APPROVAL FROM THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE. PROTECTIVE BARRICADES SHALL BE PLACED AROUND ALL PROTECTED TREES PRIOR TO SITE CLEARING AND SHALL REMAIN IN PLACE UNTIL LAND ALTERATION, SITE CLEARING AND CONSTRUCTION ACTIVITIES ARE COMPLETE. THE BARRICADES SHALL BE CONSTRUCTED TO PREVENT THE ENCRoACHMENT OF EQUIPMENT OR VEHICLES, THE REMOVAL OF EXISTING GROUND COVER, THE DISTURBANCE OR COMPACTION OF SOIL, OR THE SCARRING OF ROOTS WITHIN THE CRITICAL PROTECTION ZONE (CPZ). THERE SHALL BE NO STORAGE OF MATERIALS OR EQUIPMENT OF ANY KIND WITHIN THIS ZONE.
- REQUIRED TREE BARRICADES MUST REMAIN INTACT THROUGHOUT CONSTRUCTION. ENCRoACHMENT INTO OR FAILURE TO MAINTAIN TREE BARRICADES WILL RESULT IN ENFORCEMENT ACTION.
- A MINIMUM DISTANCE OF TEN (10) FEET SHALL BE MAINTAINED FROM ALL PROTECTED TREES WHEN INSTALLING UNDERGROUND UTILITIES. IF THIS RESULTS IN UNREASONABLE HARDSHIP, A SOIL AUGER SHALL BE USED TO TUNNEL UNDER THE ROOT SYSTEMS.
- THE CONTRACTOR IS REQUIRED TO PREVENT DAMAGE TO TREES WHICH ARE TO REMAIN. DAMAGE TO PROTECTED TREES WILL NOT BE TOLERATED. THE CONTRACTOR SHALL BE LIABLE FOR ALL DAMAGE TO TREES THAT ARE DESIGNATED TO BE SAVED DURING CONSTRUCTION.
- SHOULD TRIMMING OF PROTECTED TREES BE NECESSARY, THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A CERTIFIED ARBORIST. ALL TRIMMING OF PROTECTED TREES SHALL BE DONE BY A QUALIFIED, LICENSED ARBORIST AND SHALL BE PRUNED IN ACCORDANCE WITH THE NATIONAL ARBORIST ASSOCIATION (NAA) PRUNING STANDARDS.

OPERATIONS AND MAINTENANCE OF STORMWATER SYSTEM:

- THE STORMWATER MANAGEMENT SYSTEM WITHIN THE PROJECT SITE WILL BE OWNED, OPERATED AND MAINTAINED BY ECR.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN AS-BUILT SURVEY OF THE STORMWATER SYSTEM.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE STORMWATER SYSTEM UNTIL ACCEPTED BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE.

GENERAL UTILITY NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO UTILITIES TO REMAIN SHALL BE PAID FOR BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
- THE EXISTING FACILITIES AND UTILITIES SHOWN ON THE PLANS WERE LOCATED FROM THE OWNER'S AND OTHER RECORDS. GUARANTY IS NOT MADE THAT ALL EXISTING FACILITIES OR UTILITIES ARE SHOWN OR THAT THOSE SHOWN ARE ENTIRELY ACCURATE. THE CONTRACTOR SHALL ASSURE HIMSELF OF THE PRESENCE AND LOCATION OF ALL UTILITIES, STRUCTURES, OR OTHER FACILITIES IN THE WORK AREA PRIOR TO PERFORMING THE WORK. THE OWNER AND THE ENGINEER WILL ASSUME NO LIABILITY FOR DAMAGES SUSTAINED OR COSTS INCURRED BECAUSE OF THE CONTRACTOR'S OPERATIONS IN THE VICINITY OF THE EXISTING UTILITIES, STRUCTURES, OR FACILITIES. THE GENERAL NOTES ON THE PLANS ALSO INDICATE THE REQUIREMENTS OF THE CONTRACTOR AS REGARDS EXISTING FACILITIES, STRUCTURES, AND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DEVIATION BETWEEN EXISTING CONDITIONS AND THE DRAWINGS, AND INDICATE THE LOCATION OF THE EXISTING UTILITIES, STRUCTURES, AND FACILITIES ON THE RECORD DRAWINGS.
- ALL WATER AND SEWER CONSTRUCTION SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS OF CHAPTER 489 FS.

- CONTRACTOR SHALL NOTIFY THE UTILITY OWNERS LISTED BELOW THROUGH 811 A MINIMUM OF TWO (2) FULL BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.

UAO	CONTACT NAME	CONTACT NUMBER
AT&T DISTRIBUTION	DINO FARRUGGIO	(561) 683-2729
ACCELERATED COMMUNICATIONS AND CONSTRUCTION LLC	KRISTEE BONDS	
COX COMMUNICATIONS, INC.	PRENTIS WILEY	(850) 602-3241
EMERALD COAST UTILITY AUTHORITY	BRIAN REID	(850) 969-6640
EMERALD COUNTY TRANSPORTATION AND TRAFFIC	GLOM CARTWRIGHT	(850) 595-3639
FLORIDA POWER & LIGHT PENSACOLA CENTRAL	JISHORE DEREK	(850) 777-9476
LUMEN	COLLIN JOHNSON	(850) 878-8595
VERIZON	THOMAS WND	(850) 475-7477
PENSACOLA ENERGY	ANDREW BRISKE	(850) 474-5309
UNITI FIBER LLC	KYLE HILL	(850) 544-1400

- CONTRACTOR SHALL DESIGNATE AN ON-SITE UTILITY COORDINATOR WHO WILL BE RESPONSIBLE FOR COORDINATING ALL UTILITY ISSUES WITH THE APPLICABLE AGENCIES.
- CONTRACTOR SHALL AVOID WATER AND SEWER SERVICE INTERRUPTIONS AND MAINTAIN EXISTING DEMAND AT ALL TIMES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR HOLDING AN ON-SITE PRE-CONSTRUCTION UTILITY MEETING WITH ALL APPLICABLE UTILITY PROVIDERS. THE MEETING SHALL BE CONDUCTED BY CONTRACTOR'S DESIGNATED UTILITY COORDINATOR. CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING MINUTES OF THE MEETING AND PROVIDE A COPY OF SAID MINUTES TO ALL ATTENDEES WITHIN TWO (2) WEEKS AFTER THE MEETING.
- CONTRACTOR SHALL COORDINATE THE LOCATION AND RELOCATION OF ALL APPLICABLE UTILITIES WITH FDEP AND CORRESPONDING UTILITY AUTHORITIES BEFORE CONSTRUCTION EFFORTS BEGIN.
- WHERE UTILITIES ARE TO BE ABANDONED IN PLACE, ALL VOIDS ARE TO BE FILLED WITH EXCAVATABLE FLOWABLE FILL AND THE HORIZONTAL AND VERTICAL POSITIONS OF THE UTILITY SHALL BE LOCATED BY SURVEYOR LICENSED IN THE STATE OF FLORIDA UNDER CHAPTER 472, FLORIDA STATUTES. THE UTILITY COMPOSITION AND IDENTIFIED USE ARE TO BE MAPPED WITH THE ABOVE INFORMATION AND FOUR (4) COPIES OF THE MAP SHALL BE PROVIDED TO THE OWNER ALONG WITH CAD AND PDF FILES.
- REFER TO THE UTILITY ADJUSTMENT PLANS FOR EXISTING ABOVE GROUND AND UNDERGROUND UTILITY RELOCATIONS / DEMOLITION. OTHER UNKNOWN UTILITIES MAY NEED TO BE ADJUSTED OR REMOVED.
- CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE IF THEY ENCOUNTER ANY UNIDENTIFIED UTILITY OR STRUCTURE DURING CONSTRUCTION THAT IMPACTS THE PROJECT IMPLEMENTATION.

GENERAL WATER AND SANITARY SEWER UTILITY NOTES

- UNLESS OTHERWISE NOTED, ALL MATERIALS SALVAGED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE OWNER. IF THE SALVAGED MATERIALS HAVE NO VALUE TO THE OWNER, THE CONTRACTOR SHALL DISPOSE OF THE MATERIALS IN A MANNER SATISFACTORY TO THE OWNER AT NO ADDITIONAL COST.
- PLACEMENT OF ON-SITE WATER AND SANITARY SEWER FACILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF EMERALD COAST UTILITIES AUTHORITY.
- CONFLICTS BETWEEN WATER AND STORM OR SANITARY SEWER ARE TO BE RESOLVED BY ADJUSTING THE WATER LINES AS NECESSARY.

WATER NOTES

- ALL FITTINGS INCLUDING BUT NOT LIMITED TO, TEES, CROSSES, CAPS, AND BENDS SHALL BE PROPERLY CON-STRAINED.

SANITARY SEWER NOTES

- CONTRACTOR SHALL MAINTAIN SANITARY SEWER SERVICE THROUGH EMERALD COAST UTILITIES AUTHORITY. SANITARY SEWER MAINS AT ALL TIMES THROUGHOUT CONSTRUCTION. MEANS AND METHODS OF SERVICE MAINTENANCE SHALL BE LEFT TO CONTRACTOR SUBJECT TO APPROVAL BY EMERALD COAST UTILITIES AUTHORITY.

ACCESSIBILITY

- CONTRACTOR SHALL BE HELD ACCOUNTABLE DURING CONSTRUCTION FOR ALL PROJECT IMPROVEMENTS. COMPLIANCE WITH FLORIDA STATUTES 553.5041 FLORIDA STATUTES (FS) AND THE 2020 FLORIDA BUILDING CODE - ACCESSIBILITY (FBC-A) IS MANDATORY. IF INCORRECT AT THE FINAL INSPECTION, CONTRACTOR SHALL BE REQUIRED TO MODIFY CONSTRUCTION TO COMPLY WITH FLORIDA STATUTES AND FBC-A. THE FOLLOWING ITEMS TAKE PRECEDENCE AND SUPERSEDE OTHER DETAILS ON PLANS:
 - ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON AN ACCESSIBLE ROUTE NO LESS THAN 4 FEET (FT.) WIDE SO THAT USERS WILL NOT BE COMPELLED TO WALK OR WHEEL BEHIND PARKED VEHICLES. §208.3 AND §502.3, FBC-A AND §553.5041 FS.
 - ACCESSIBLE PARKING SPACES AND ACCESS AISLES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE FROM H/C PARKING TO AN ACCESSIBLE ENTRANCE. §208.3 H FBC-A AND §553.5041 FS.
 - ACCESSIBLE PARKING SPACES SHALL BE 12 FT. WIDE OUTLINED WITH BLUE PAINT. §502.2 FBC-A AND §553.5041 FS.
 - ACCESS AISLES REQUIRED ADJACENT TO PARKING SPACES SHALL BE 5 FT. WIDE WITH DIAGONAL STRIPING. §502.2 AND §502.3, FBC-A.
 - PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL (NOT TO EXCEED 1:48) ON A STABLE, FIRM AND SLIP RESISTANT SURFACE. RE: §302.1 AND §502.4 FBC-A.
 - ACCESSIBLE PARKING SIGNS SHALL BE FDOT APPROVED AND SHALL READ "PARKING BY DISABLED PERMIT ONLY" AND SHALL INDICATE A \$250 FINE FOR ILLEGAL USE. INSTALL SIGNS A MINIMUM 60 IN. (INCHES) FROM THE GROUND TO THE BOTTOM OF THE SIGN(S). RE: §502.6.1 AND §553.5041 FS.
 - CURB RAMP SLOPES SHALL NOT EXCEED 1:12 SLOPE. THE COUNTER SLOPE OF ADJACENT ROAD SURFACES & GUTTERS SHALL NOT EXCEED 1:20 SLOPE. CURB RAMP SIDE SLOPES SHALL NOT EXCEED 1:10 SLOPE. CURB RAMPS SHALL NOT ENCRoACH PARKING SPACES OR ACCESS AISLES. RE: §406, FBC-A.
 - ALL RAMPS WITH A RISE GREATER THAN 6 IN. SHALL PROVIDE EDGE PROTECTION COMPLYING WITH §405.9.1 FBC-A OR §405.9.2 FBC-A. RAMPS SHALL HAVE 60 IN. MIN LEVEL LANDINGS AT THE TOP & BOTTOM. RE: §405.7 FBC-A.
 - ALL RAMPS WITH A RISE GREATER THAN 6 IN. SHALL HAVE HANDRAILS ON BOTH SIDES WITH 18 IN. HORIZONTAL EXTENSIONS AT THE TOP & BOTTOM OF THE RAMP. RE: §1010.8 FLORIDA BUILDING CODE, BUILDING (FBC-B).
 - ACCESSIBLE ROUTE TO "MAIN ENTRY" FROM AN ACCESSIBLE PARKING SPACE SHALL NOT EXCEED 1:20 SLOPE (UNLESS RAMPS AND HANDRAILS ARE PROVIDED) WITH CROSS SLOPE NOT IN EXCESS OF 1:48. RE: §206 FBC-A.
 - ACCESSIBLE PARKING SPACES AND THE ROUTES SERVING THEM SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 98 IN. PER §502.5 FBC-A.

*EXCEPTION: AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED BETWEEN ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES IF THE ONLY MEANS OF ACCESS BETWEEN THEM IS A VEHICULAR WAY NOT PROVIDING PEDESTRIAN ACCESS. RE: §206.2 FBC-A.12.



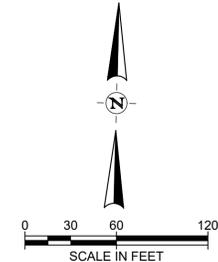
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No.	Date	Issue / Revision	FLORIDA-ALABAMA TPO			DWG NO.
			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
			NORTH W STREET	ESCAMBIA	451524-1-38-01	C101



AUSTIN D. CUSHING, P.E.
FL 94521
HALFF ASSOCIATES, INC.
2255 KILLEARN CENTER BLVD.
SUITE 200
TALLAHASSEE, FL 32309
CA 33380



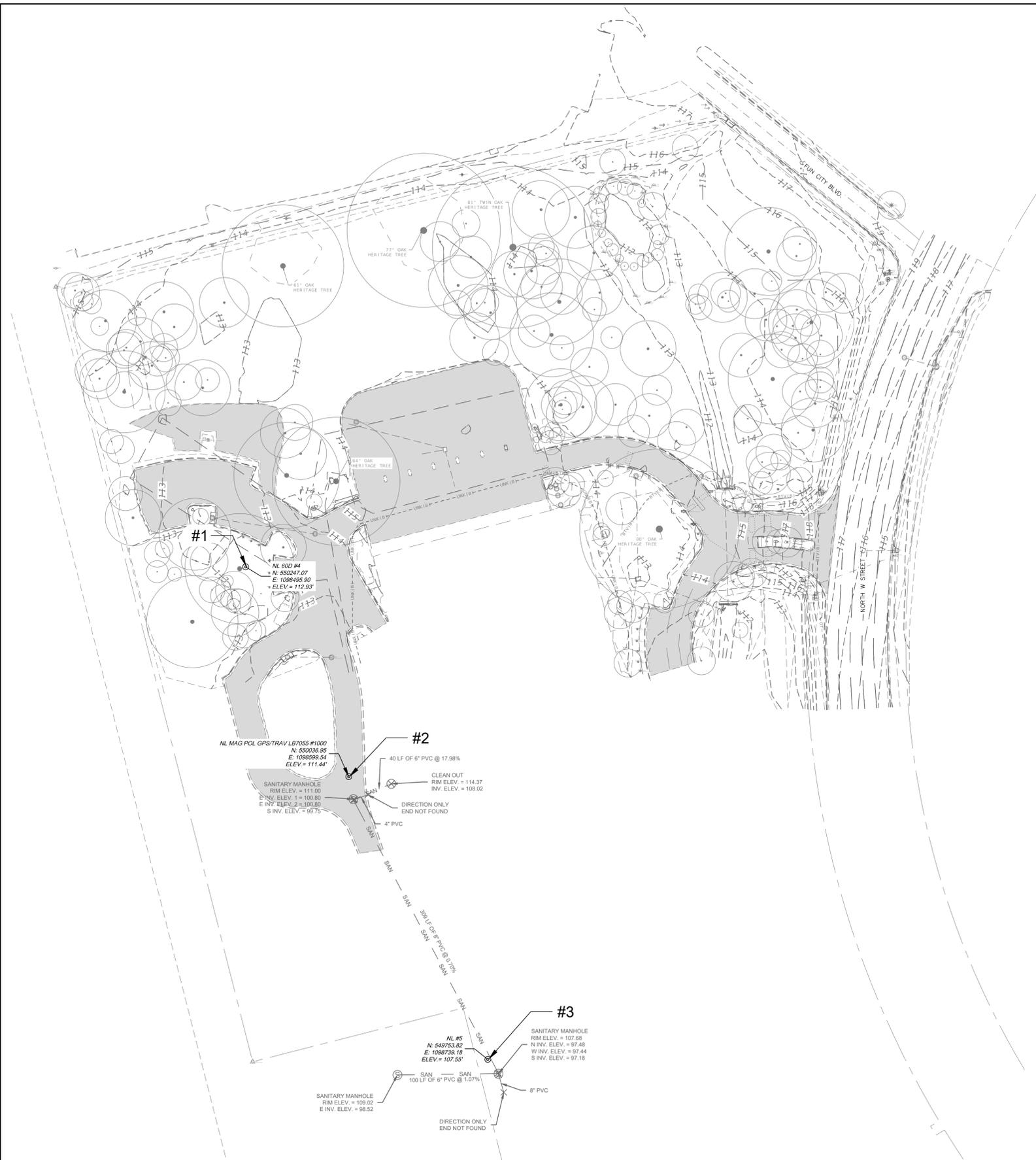
#5
 IRC A10 FOUND5/8IN REBARWITHFDOTCONTROLCAP #110
 N= 550603.73
 E= 1099895.37
 ELEV= 119.45'



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BENCHMARK LOCATIONS				
NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	NL 60D #4	550247.07	1098495.90	112.93
2	NL MAG POL GPS/TRAV LB7055 #1000	550036.95	1098599.54	111.44
3	NL #5	549753.82	1098739.18	107.55
4	NL 6 60D #6	549914.78	1099595.03	116.73
5	IRC A10 FOUND5/8IN REBARWITHFDOTCONTROLCAP #110	550603.73	1099895.37	119.45

#4
 NL 6 60D #6
 N= 549914.78
 E= 1099595.03
 ELEV= 116.73'



No.	Date	Issue / Revision



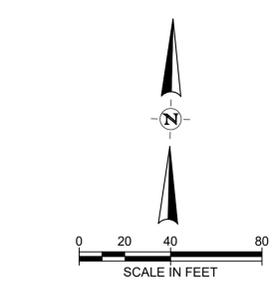
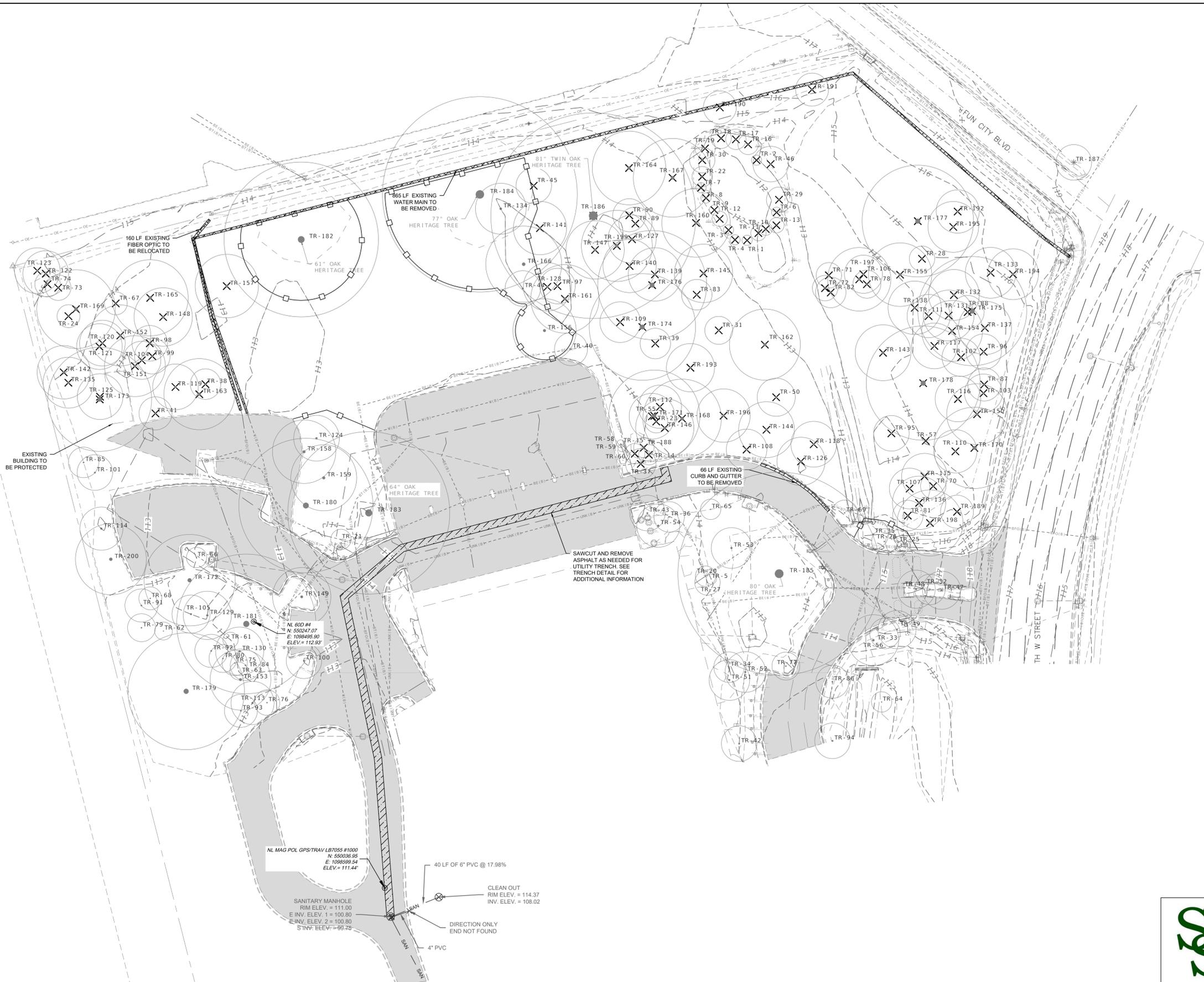
AUSTIN D. CUSHING, P.E.
 FL 94521
 HALFF ASSOCIATES, INC.
 2255 KILLEARN CENTER BLVD.
 SUITE 200
 TALLAHASSEE, FL 32309
 CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

BENCHMARK LOCATIONS

DWG NO.
 SHEET NO.
 C102

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND**
- EXISTING CURB AND GUTTER TO BE REMOVED
 - EXISTING ASPHALT TO BE REMOVED AND REPLACED
 - LIMITS OF WATERLINE REMOVAL
 - LIMITS OF FIBER OPTIC CABLE RELOCATION
 - EXISTING TREE TO BE REMOVED
 - EXISTING TREES TO REMAIN
 - 115- EXISTING MAJOR CONTOURS
 - 114- EXISTING MINOR CONTOURS
 - TREE BARRICADE

- UTILITY LEGEND:**
- BE(B)- = BURIED ELECTRIC
 - BT(B)- = BURIED TELEVISION
 - BFO(B)- = BURIED FIBER OPTIC
 - BT(B)- = BURIED TELEPHONE
 - = GEOTHERMAL EXTENTS
 - UNK(B)- = UNKNOWN UTILITY
 - WB)- = WATER MAIN

- ABBREVIATIONS LEGEND:**
- (B) = QUALITY LEVEL "B"
 - BFO = FIBER OPTIC CABLE
 - BT = BURIED TELEPHONE
 - BTV = BURIED ANTENNA TELEVISION
 - W = WATER LINE

NL 800 #4
 N: 50247.07
 E: 1098495.90
 ELEV. = 112.33'

NL MAG POL GPS/TRAV LB7055 #1000
 N: 500036.95
 E: 1098099.54
 ELEV. = 111.44'

40 LF OF 6" PVC @ 17.98%

CLEAN OUT
 RIM ELEV. = 114.37
 INV. ELEV. = 108.02

SANITARY MANHOLE
 RIM ELEV. = 111.00
 E INV. ELEV. 1 = 100.80
 E INV. ELEV. 2 = 100.80
 S INV. ELEV. = 99.75

4" PVC
 DIRECTION ONLY
 END NOT FOUND



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No.	Date	Issue / Revision



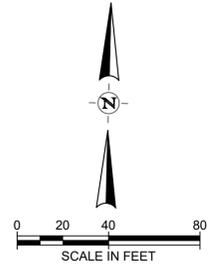
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 FL 94521

HALFF ASSOCIATES, INC.
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 SUITE 200
 TALLAHASSEE, FL 32309
 CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

EXISTING CONDITIONS AND DEMOLITION PLAN	
DWG NO.	C103
SHEET NO.	C103

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- LEGEND**
-  EXISTING TREE TO BE REMOVED
 -  EXISTING TREES TO REMAIN
 -  -115- EXISTING MAJOR CONTOURS
 -  -114- EXISTING MINOR CONTOURS



NL 820 #4
 N: 580247.07
 E: 1098495.90
 ELEV. = 112.93'

NL MAG POL GPS/TRAV LB7055 #1000
 N: 550036.95
 E: 1098599.54
 ELEV. = 111.44'

SANITARY MANHOLE
 RIM ELEV. = 111.00
 E INV. ELEV. 1 = 100.80
 E INV. ELEV. 2 = 100.80
 S INV. ELEV. = 99.75

40 LF OF 6" PVC @ 17.98%
 CLEAN OUT
 RIM ELEV. = 114.37
 INV. ELEV. = 108.02
 DIRECTION ONLY
 END NOT FOUND
 4" PVC



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No.	Date	Issue / Revision



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 FL 94521
 HALFF ASSOCIATES, INC.
 2255 KILLEARN CENTER BLVD.
 SUITE 200
 TALLAHASSEE, FL 32309
 CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

TREE INVENTORY

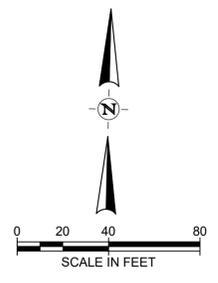
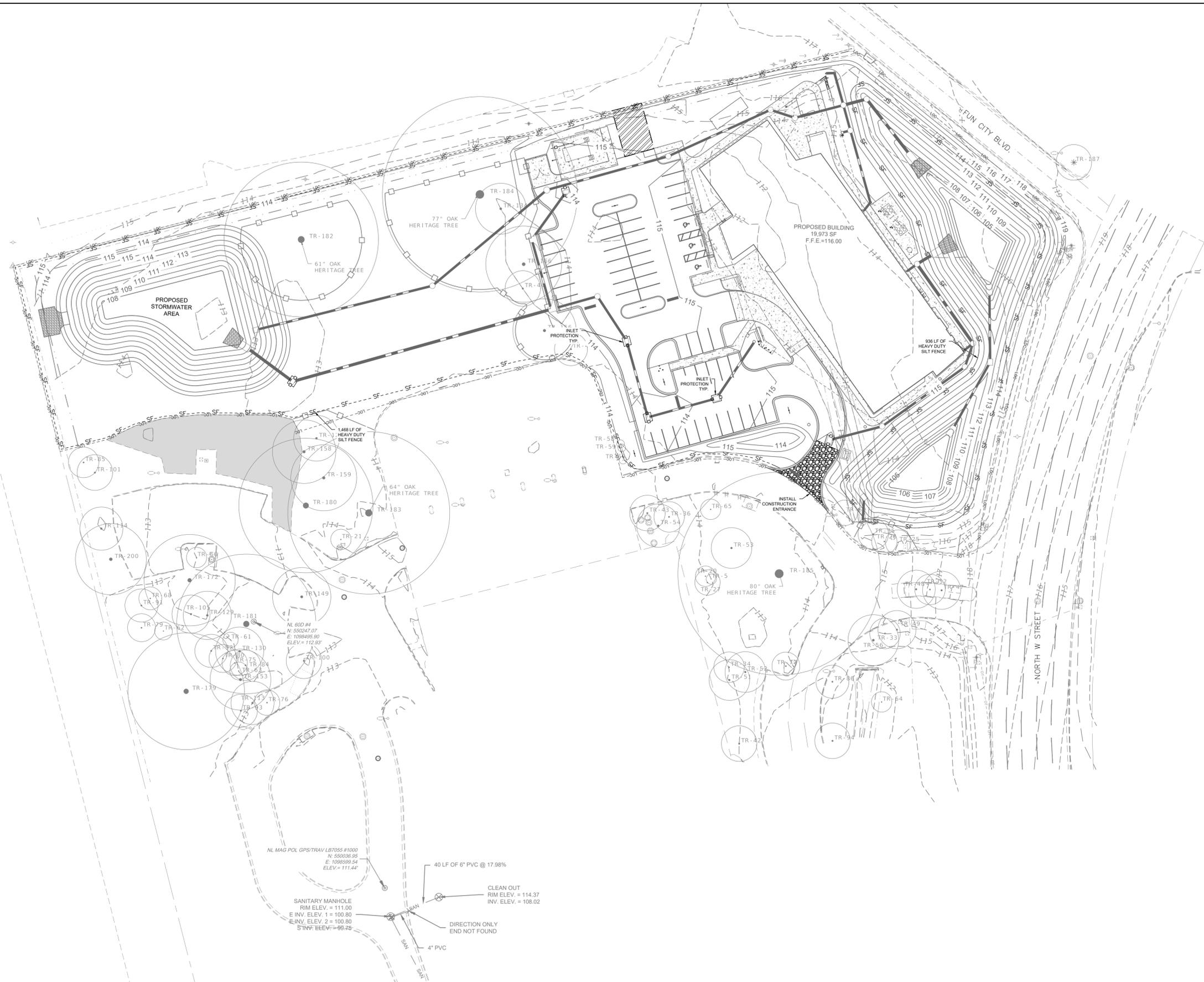
DWG NO.
SHEET NO.
C104

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Tree Number	Species	Diameter (inch)	Preserve	Remove	Mitigation (Y/N)	Reason for Removal
1	CYPRESS	4		X	N	PROPOSED BLDG
2	CYPRESS	4		X	N	PROPOSED BLDG
3	CYPRESS	4		X	N	PROPOSED BLDG
4	CYPRESS	4		X	N	PROPOSED BLDG
5	SMETIGUM	4	X			-
6	UNK	4		X	N	PROPOSED BLDG
7	UNK	4		X	N	PROPOSED BLDG
8	UNK	4		X	N	PROPOSED BLDG
9	UNK	4		X	N	PROPOSED BLDG
10	CYPRESS	5		X	N	PROPOSED BLDG
11	CYPRESS	6		X	N	PROPOSED BLDG
12	CYPRESS	6		X	N	PROPOSED BLDG
13	UNK	6		X	N	PROPOSED BLDG
14	CREPE MYRTLE	8		X	N	PARKINGLOT
15	CREPE MYRTLE	8		X	N	PARKINGLOT
16	CYPRESS	8		X	N	PROPOSED BLDG
17	CYPRESS	8		X	N	PROPOSED BLDG
18	CYPRESS	8		X	N	PROPOSED BLDG
19	CYPRESS	8		X	N	PROPOSED BLDG
20	SMETIGUM	8	X			-
21	SMETIGUM	8	X			-
22	UNK	8		X	N	PROPOSED BLDG
23	MAGNOLIA	9		X	N	PARKINGLOT
24	MAGNOLIA	9		X	N	STORMWATER AREA-W
25	CREPE MYRTLE	10	X			-
26	CREPE MYRTLE	10	X			-
27	SMETIGUM	10	X			-
28	SMETIGUM	10		X	N	PROPOSED BLDG
29	UNK	10		X	N	PROPOSED BLDG
30	UNK	10		X	N	PROPOSED BLDG
31	UNK	11		X	N	PARKINGLOT
32	CREPE MYRTLE	12	X			-
33	CREPE MYRTLE	12	X			-
34	CREPE MYRTLE	12	X			-
35	CREPE MYRTLE	12	X			-
36	CREPE MYRTLE	12	X			-
37	CREPE MYRTLE	12		X	Y	PARKINGLOT
38	MAGNOLIA	12		X	Y	STORMWATER AREA-W
39	UNK	12		X	Y	PARKINGLOT
40	SMETIGUM	13	X			-
41	UNK	13		X	Y	STORMWATER AREA-W
42	CREPE MYRTLE	14	X			-
43	CREPE MYRTLE	14	X			-
44	MAGNOLIA	14	X			-
45	MAGNOLIA	14		X	Y	PARKINGLOT
46	UNK	14		X	Y	PROPOSED BLDG
47	CREPE MYRTLE	15	X			-
48	CREPE MYRTLE	15	X			-
49	CREPE MYRTLE	15	X			-
50	SMETIGUM	15		X	Y	PARKINGLOT
51	CREPE MYRTLE	16	X			-
52	CREPE MYRTLE	16	X			-
53	CREPE MYRTLE	16	X			-
54	CREPE MYRTLE	17	X			-
55	SPUTUNK	18		X	Y	PARKINGLOT
56	CREPE MYRTLE	20	X			-
57	SPUTUNK	1		X	N	STORMWATER AREA-E
58	OAK	3	X			-
59	OAK	3	X			-
60	OAK	3	X			-
61	OAK	6	X			-
62	OAK	7	X			-
63	OAK	7	X			-
64	OAK	8	X			-
65	OAK	8	X			-
66	OAK	8	X			-
67	OAK	9		X	Y	STORMWATER AREA-W
68	OAK	9	X			-
69	OAK	10	X			-
70	OAK	10		X	Y	STORMWATER AREA-E
71	OAK	10		X	Y	PROPOSED BLDG
72	OAK	10		X	Y	PROPOSED BLDG
73	OAK	10		X	Y	STORMWATER AREA-W
74	OAK	10		X	Y	STORMWATER AREA-W
75	OAK	10	X			-
76	OAK	10	X			-
77	OAK	11	X			-
78	OAK	11		X	Y	PROPOSED BLDG
79	OAK	11	X			-
80	OAK	11	X			-
81	OAK	12		X	Y	STORMWATER AREA-E
82	OAK	12		X	Y	PROPOSED BLDG
83	OAK	12		X	Y	PARKINGLOT
84	OAK	12	X			-
85	OAK	12	X			-
86	OAK	13	X			-
87	OAK	13		X	Y	STORMWATER AREA-E
88	OAK	13		X	Y	STORMWATER AREA-E
89	OAK	13		X	Y	PARKINGLOT
90	OAK	13		X	Y	PARKINGLOT
91	OAK	13	X			-
92	OAK	13	X			-
93	OAK	13	X			-
94	OAK	14	X			-
95	OAK	14		X	Y	STORMWATER AREA-E
96	OAK	14		X	Y	PROPOSED BLDG
97	OAK	14		X	Y	PARKINGLOT
98	OAK	14		X	Y	STORMWATER AREA-W
99	OAK	14		X	Y	STORMWATER AREA-W
100	OAK	14	X			-

Tree Number	Species	Diameter (inch)	Preserve	Remove	Mitigation	Reason for Removal
101	OAK	14	X			-
102	OAK	15		X	Y	PROPOSED BLDG
103	OAK	15		X	Y	STORMWATER AREA-E
104	OAK	15		X	Y	STORMWATER AREA-W
105	OAK	15	X			-
106	TWIN OAK	15		X	Y	PROPOSED BLDG
107	OAK	16		X	Y	STORMWATER AREA-E
108	OAK	16		X	Y	STORMWATER AREA-E
109	OAK	16		X	Y	PARKINGLOT
110	OAK	17		X	Y	STORMWATER AREA-E
111	OAK	17		X	Y	PROPOSED BLDG
112	OAK	17		X	Y	PARKINGLOT
113	OAK	17	X			-
114	OAK	17	X			-
115	OAK	18		X	Y	STORMWATER AREA-E
116	OAK	18		X	Y	STORMWATER AREA-E
117	OAK	18		X	Y	PROPOSED BLDG
118	OAK	18		X	Y	ACCESS DRIVE
119	OAK	18		X	Y	STORMWATER AREA-W
120	OAK	18		X	Y	STORMWATER AREA-W
121	OAK	18		X	Y	STORMWATER AREA-W
122	OAK	18		X	Y	STORMWATER AREA-W
123	OAK	18		X	Y	STORMWATER AREA-W
124	OAK	18	X			-
125	OAK	18		X	Y	STORMWATER AREA-W
126	OAK	19		X	Y	ACCESS DRIVE
127	OAK	19		X	Y	PARKINGLOT
128	OAK	19		X	Y	PARKINGLOT
129	OAK	19	X			-
130	OAK	19		X	Y	-
131	OAK	20		X	Y	PROPOSED BLDG
132	OAK	20		X	Y	STORMWATER AREA-E
133	OAK	20		X	Y	STORMWATER AREA-E
134	OAK	20	X			-
135	OAK	20		X	Y	STORMWATER AREA-W
136	OAK	21		X	Y	STORMWATER AREA-E
137	OAK	21		X	Y	STORMWATER AREA-E
138	OAK	21		X	Y	PROPOSED BLDG
139	OAK	21		X	Y	PARKINGLOT
140	OAK	21		X	Y	PARKINGLOT
141	OAK	21		X	Y	PARKINGLOT
142	OAK	21		X	Y	STORMWATER AREA-W
143	OAK	22		X	Y	PROPOSED BLDG
144	OAK	22		X	Y	STORMWATER AREA-E
145	OAK	23		X	Y	PARKINGLOT
146	OAK	23		X	Y	PARKINGLOT
147	OAK	23		X	Y	PARKINGLOT
148	OAK	23		X	Y	STORMWATER AREA-W
149	OAK	23	X			-
150	OAK	24		X	Y	STORMWATER AREA-E
151	OAK	24		X	Y	STORMWATER AREA-W
152	OAK	24		X	Y	STORMWATER AREA-W
153	OAK	24	X			-
154	TWIN OAK	24		X	Y	PROPOSED BLDG
155	OAK	25		X	Y	PROPOSED BLDG
156	OAK	25	X			-
157	OAK	25		X	Y	STORMWATER AREA-W
158	OAK	25		X		-
159	OAK	25	X			-
160	OAK	27		X	Y	PARKINGLOT
161	OAK	27		X	Y	PARKINGLOT
162	OAK	28		X	Y	PROPOSED BLDG
163	OAK	28		X	Y	STORMWATER AREA-W
164	OAK	29		X	Y	PARKINGLOT
165	OAK	30		X	Y	STORMWATER AREA-W
166	TWIN OAK	30	X			-
167	OAK	31		X	Y	PARKINGLOT
168	OAK	31		X	Y	PARKINGLOT
169	OAK	31		X	Y	STORMWATER AREA-W
170	OAK	32		X	Y	STORMWATER AREA-E
171	OAK	36		X	Y	PARKINGLOT
172	OAK	36	X			-
173	TWIN OAK	41		X	Y	STORMWATER AREA-W
174	OAK	42		X	Y	PARKINGLOT
175	TRIPLE OAK	43		X	Y	STORMWATER AREA-E
176	TWIN OAK	43		X	Y	PARKINGLOT
177	TRIPLE OAK	44		X	Y	STORMWATER AREA-E
178	OAK	45		X	Y	PROPOSED BLDG
179	OAK	46	X			-
180	OAK	53	X			-
181	OAK	55	X			-
182	OAK	61	X			-
183	OAK	64	X			-
184	OAK	77	X			-
185	OAK	80	X			-
186	TWIN OAK	81		X	Y	PARKINGLOT
187	PALM	14	X			-
188	PINE	8		X	N	PARKINGLOT
189	PINE	13		X	N	STORMWATER AREA-E
190	PINE	13		X	N	UNDERGROUND UTILITIES
191	PINE	13		X	N	SIDEWALK
192	PINE	17		X	N	STORMWATER AREA-E
193	PINE	19		X	N	PARKINGLOT
194	PINE	20		X	N	STORMWATER AREA-E
195	PINE	20		X	N	STORMWATER AREA-E
196	PINE	21		X	N	PARKINGLOT
197	PINE	25		X	N	PROPOSED BLDG
198	PINE	26		X	N	STORMWATER AREA-E
199	PINE	28		X	N	PARKINGLOT
200	PINE	28	X			-

TREE MITIGATION (DSM 2-5)			
Tree Number	Species	DBH REMOVED (INCHES)	REPLACEMENT INCHES REQUIRED
PROTECTED TREES (12" DBH AND GREATER)			
2" = 1" REPLACEMENT INCHES			
37	CREPE MYRTLE	12	6
38	MAGNOLIA	12	6
39	UNK	12	6
41	UNK	13	6.5
45	MAGNOLIA	14	7
46	UNK	14	7
50	SMETIGUM	15	7.5
55	UNK	18	9
67	OAK	9	4.5
70	OAK	10	5
71	OAK	10	5
72	OAK	10	5
73	OAK	10	5
74	OAK	10	5
78	OAK	11	5.5
81	OAK	12	6
82	OAK	12	6
83	OAK	12	6
87	OAK	13	6.5
88	OAK	13	6.5
89	OAK	13	6.5
90	OAK	13	6.5
95	OAK	14	7
96	OAK	14	7
97	OAK	14	7
98	OAK	14	7
99	OAK	14	7
102	OAK	15	7.5
103	OAK	15	7.5
104	OAK	15	7.5
106	TWIN OAK	15	7.5
107	OAK	16	8
108	OAK	16	8
109	OAK	16	8
110	OAK	17	8.5
111	OAK	17	8.5
112	OAK	17	8.5
115	OAK	18	9
116	OAK	18	9
117	OAK	18	9
118	OAK	18	9
119	OAK	18	9
120	OAK	18	9
121	OAK	18	9
122	OAK	18	9
123	OAK	18	9
125	OAK	18	9
126	OAK	19	9.5
127	OAK	19	9.5
128	OAK	19	9.5
130	OAK	19	9.5
131	OAK	20	10
132	OAK	20	10
133	OAK	20	10
135	OAK	20	10
136	OAK	21	10.5
137	OAK	21	10.5
138	OAK	21	10.5
139	OAK	21	10.5
140	OAK	21	10.5
141	OAK	21	10.5
142	OAK	21	10.5
143	OAK	22	11
144	OAK	23	11.5
145	OAK	23	11.5
146	OAK	23	11.5
147	OAK	23	11.5
148	OAK	23	11.5
150	OAK	24	12
151	OAK	24</	



- LEGEND**
- SF--- PROPOSED SILT FENCING
 - PROPOSED INLET/CURB INLET PROTECTION
 - ▨ PROPOSED CONSTRUCTION ENTRANCE

NL MAG POL GPS/TRAV LB7055 #1000
 N: 550036.95
 E: 1085099.54
 ELEV.= 111.44'

40 LF OF 6" PVC @ 17.98%

CLEAN OUT
 RIM ELEV. = 114.37
 INV. ELEV. = 108.02

SANITARY MANHOLE
 RIM ELEV. = 111.00
 E INV. ELEV. 1 = 100.80
 E INV. ELEV. 2 = 100.80
 S' INV. ELEV. = 99.79

4" PVC

DIRECTION ONLY
 END NOT FOUND



THIS ITEM HAS BEEN DIGITALLY
 SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL
 PRINTED COPIES OF THIS DOCUMENT ARE
 NOT CONSIDERED SIGNED AND SEALED
 AND THE SIGNATURE MUST BE VERIFIED
 ON ANY ELECTRONIC COPIES.

No.	Date	Issue / Revision



AUSTIN D. CUSHING, P.E.
 FL 94521

HALFF ASSOCIATES, INC.
 2255 KILLEARN CENTER BLVD.
 SUITE 200
 TALLAHASSEE, FL 32309
 CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

SWPPP

DWG NO.
SHEET NO.
C106

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

- RECORD KEEPING**
CONTRACTOR SHALL COMPLETE THE NECESSARY RECORD KEEPING TASKS IN A REGULAR AND EXPEDIENT MANNER WHILE CONSTRUCTION ACTIVITIES ARE OCCURRING.
- CONTRACTOR SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOTICE OF TERMINATION (NOT) IS SUBMITTED TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP):
 - A COPY OF ALL NOTICES OF INTENT (NOI) SUBMITTED TO FDEP;
 - A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN;
 - A COPY OF ALL MONITORING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT;
 - A COPY OF ALL INSPECTION REPORTS GENERATED AS REQUIRED BY THE FDEP NPDES GENERAL PERMIT;
 - A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED DURING THE COURSE OF THE PROJECT;
 - DAILY RAINFALL INFORMATION COLLECTED.
 - CONTRACTOR SHALL RECORD THE FOLLOWING DATES:
 - WHEN MAJOR GRADING ACTIVITIES OCCUR;
 - WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE;
 - WHEN STABILIZATION (I.E. EROSION CONTROL) MEASURES BEGIN.
 - CONTRACTOR SHALL PROVIDE A FOREMAN OR SUPERINTENDENT WHO IS CERTIFIED UNDER THE FLORIDA STORMWATER, EROSION, AND SEDIMENTATION CONTROL INSPECTOR TRAINING PROGRAM. SAID FOREMAN OR SUPERINTENDENT SHALL BE AVAILABLE IN PERSON OR BY TELEPHONE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
 - QUALIFIED INSPECTORS WHO HAVE KNOWLEDGE AND EXPERIENCE IN THE PRINCIPLES AND PRACTICE OF SEDIMENT AND EROSION CONTROL SHALL COMPLETE PROJECT SITE INSPECTIONS:
 - AT LEAST ONCE EVERY SEVEN (7) DAYS;
 - WITHIN 24 HOURS AFTER THE END OF A STORM EVENT OF 0.50 INCHES (IN) OR MORE.
 - COPIES OF ALL NOIS, NOTS, REPORTS, PLANS, MONITORING REPORTS, MONITORING INFORMATION, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE REPORTS AND ALL OTHER RECORDS RESULTING FROM THE NPDES GENERAL PERMIT SHALL BE RETAINED BY THE CONTRACTOR WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THE PERMIT. RECORDS SHALL BE MAINTAINED AT THE CONTRACTORS PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE SITE.
 - CONTRACTOR SHALL PROVIDE COPIES OF ALL STORMWATER POLLUTION PREVENTION PLAN (SWPPP) RECORDS TO THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE BY THE 10TH DAY OF EACH MONTH FOR THE IMMEDIATELY PRECEDING MONTH.
- CRITICAL AREAS**
THERE ARE SEVERAL CRITICAL FEATURES ON THE SITE THAT SHALL NOT BE IMPACTED BY CONSTRUCTION ACTIVITIES OR EROSION AND SEDIMENTATION RESULTING FROM SAME. THEY ARE AS FOLLOWS: THE WATERS OF DESTIN HARBOR AND THE WATERS OF EAST PASS.
- GENERAL NOTES**
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN NPDES CONSTRUCTION PERMIT PRIOR TO CONSTRUCTION ACTIVITIES AND FOR COMPLIANCE WITH ALL STATE, LOCAL, AND FEDERAL PERMITS RELATED TO THIS PROJECT.
 - THE EROSION CONTROL MEASURES SET FORTH IN THESE PLANS ARE INTENDED AS MINIMUM STANDARDS. ALL EROSION CONTROL REQUIRED SHALL BE IN ACCORDANCE WITH THE SWPPP. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXPOSED AREAS, COST OF WHICH SHALL BE INCIDENTAL TO THE PROJECT.
 - PRIOR TO THE REQUIRED PRE-CONSTRUCTION MEETING, CONTRACTOR SHALL PROVIDE IN WRITING THE NAME AND TELEPHONE NUMBER OF THE STORMWATER CONTROL OFFICER TO CITY OF DESTIN PLANNING AND DEVELOPMENT SERVICES.
 - THE STORMWATER CONTROL OFFICER SHALL BE RESPONSIBLE FOR CONTINUALLY MONITORING WEATHER CONDITIONS AND EVALUATING THE EFFECTIVENESS OF THE CONTROL MEASURES THROUGHOUT ALL PHASES OF CONSTRUCTION.
 - AS CONSTRUCTION PROGRESSES, THE STORMWATER CONTROL OFFICER SHALL MAKE ADJUSTMENTS AND/OR INSTALL ADDITIONAL MEASURES TO PREVENT DIRECT FLOW OR TRACKING OF SEDIMENTS ONTO ADJACENT PROPERTY, CONSERVATION AREAS, PUBLIC STREETS OR DRAINAGE SYSTEMS.
 - TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE PLACED ADJACENT TO ANY WATERWAY OR DRAINAGE FEATURE PRIOR TO CONSTRUCTION AND REMAIN IN PLACE UNTIL CONSTRUCTION OF THE FEATURE IS COMPLETE AND ALL AREAS ARE SUITABLY STABILIZED.
 - CONTRACTOR SHALL REVISION THE SWPPP WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING AN INSPECTION WHEN ADDITIONS AND/OR MODIFICATIONS TO BEST MANAGEMENT PRACTICES (BMPs) ARE NECESSARY TO CORRECT OBSERVED PROBLEMS. REVISIONS SHALL OCCUR WHENEVER:
 - A CHANGE IN THE DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE AT THE CONSTRUCTION SITE HAS A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE UNITED STATES NOT PREVIOUSLY ADDRESSED IN THE DOCUMENT;
 - DISCHARGES ARE CAUSING WATER QUALITY EXCEEDANCES, AS DEFINED BY THE EPA, OR THE BMPs ARE INEFFECTIVE IN MINIMIZING POLLUTANTS IN STORMWATER DISCHARGING FROM THE CONSTRUCTION SITE.
 - EROSION CONTROL MEASURES SHALL REMAIN IN PLACE AT LOCATIONS SHOWN IN THE PLANS OR AS REQUIRED UNTIL CONSTRUCTION IS COMPLETED, SOILS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED. ALL EROSION CONTROL MEASURES ARE THEN TO BE REMOVED UPON APPROVAL BY THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE.
 - EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, AND ABATEMENT OF EROSION, SEDIMENTATION AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT LOCATIONS DESCRIBED IN THE APPROVED SWPPP OR AS DIRECTED BY THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
 - ANY SEDIMENTS, GRAVEL OR MUD SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ADJACENT PROPERTY, ROADWAYS OR INTO STORM DRAINAGE SYSTEMS SHALL BE RECOVERED AND DISPOSED OF PROPERLY.
 - SWEEPING THE PERIMETER ROADS SHALL BE REQUIRED AS NEEDED TO REMOVE ANY DEBRIS OR SEDIMENT RESULTING FROM PROJECT ACTIVITIES OR AT THE DIRECTION OF REGULATORY AGENCIES INSPECTING THE PROJECT.
 - ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED DURING ANY PHASE OF DEVELOPMENT AT THE DISCRETION OF REGULATORY AGENCIES INSPECTING THE PROJECT.
 - CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE. CONTRACTOR SHALL PROVIDE THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. SINCE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED THE MSDS SUBMITTAL. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY CONTRACTOR SHALL BE REPORTED TO THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE AND WHO SHALL PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE; HOWEVER, CONTRACTOR SHALL RE-LOCATE CONSTRUCTION ACTIVITIES TO ANOTHER AREA OF THE PROJECT UNTIL SUCH APPROVAL IS PROVIDED.
 - ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES SHALL BE REJECTED FOR USE ON THE PROJECT. CONTRACTOR SHALL FURNISH THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE, PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICE DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW, AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS.
 - EQUIPMENT MAINTENANCE AND REPAIR SHALL BE LIMITED TO ONE AREA OF THE PROJECT. AN ADEQUATE NUMBER OF WASTE DISPOSAL RECEPTACLES FOR LIQUID AND SOLID WASTE SHALL BE PROVIDED. WASTE SHALL BE DISPOSED OF PROPERLY OFF-SITE. THE MAINTENANCE AREAS SHALL BE INSPECTED AND CLEANED DAILY. CARE SHALL BE TAKEN THAT ANY OILS, GASOLINE, GREASE, SOLVENTS, AND OTHER POTENTIAL POLLUTANTS SHALL NOT BE WASHED DIRECTLY INTO THE ADJACENT STORMWATER MANAGEMENT FACILITY EITHER DIRECTLY OR INDIRECTLY THROUGH THE STORMWATER CONVEYANCE SYSTEM.
 - A SUFFICIENT NUMBER OF WASTE AND TRASH RECEPTACLES SHALL BE PROVIDED AT ALL TIMES. RECEPTACLES AND OTHER WASTE COLLECTION AREAS SHALL BE KEPT NEAT AND ORDERLY. TRASH CANS AND DUMPSTERS SHALL HAVE COVERS TO PREVENT THE ENTRANCE OF RAINFALL. ALL WASTE MATERIALS SHALL BE COLLECTED WEEKLY AT A MINIMUM AND DISPOSED AT A SUITABLE LANDFILL. TRASH COLLECTION POINTS SHALL BE LOCATED WHERE THEY WILL BE LEAST IMPACTED BY CONCENTRATED STORMWATER RUNOFF.
 - DUST CONTROL TECHNIQUES SHALL BE USED DURING DEMOLITION WHERE LARGE AMOUNTS OF DUST ARE GENERATED. IF WATER OR SLURRY IS USED TO CONTROL DUST, IT SHALL BE RETAINED ON THE SITE AND NOT BE ALLOWED TO ENTER THE CONVEYANCE SYSTEM, THE ADJACENT STORMWATER MANAGEMENT FACILITY OR WATERWAYS.
 - DUMP TRUCKS, CONCRETE TRUCKS AND OTHER CONSTRUCTION EQUIPMENT SHALL NOT BE WASHED AT LOCATIONS WHERE RUNOFF WILL FLOW DIRECTLY INTO THE ADJACENT STORMWATER MANAGEMENT FACILITY OR STORMWATER CONVEYANCE SYSTEM. AN AREA SHALL BE DESIGNATED BY THE CONTRACTOR FOR WASHING VEHICLES AND WILL BE LOCATED WHERE THE WASH WATER WILL SPREAD OUT AND EVAPORATE OR INFILTRATE DIRECTLY INTO THE GROUND OR WHERE THE RUNOFF CAN BE COLLECTED IN A TEMPORARY HOLDING OR SEEPAGE BASIN. WASH AREAS SHALL HAVE GRAVEL BASES TO MINIMIZE MUD GENERATION.
 - AN ISOLATED AREA SHALL BE DESIGNATED TO STORE CHEMICALS, CEMENTS, SOLVENTS, PAINTS, OR OTHER POTENTIAL WATER POLLUTANTS. THE AREA SHALL BE SO LOCATED AS TO ELIMINATE RUNOFF POLLUTION. TOXIC CHEMICALS AND MATERIALS, SUCH AS PESTICIDES, PAINTS, AND ACIDS SHALL BE STORED ACCORDING TO THE MANUFACTURER'S GUIDELINES. CARE SHALL BE TAKEN IN THE USE OF THESE MATERIALS TO AVOID ACCIDENTAL SPILLS. CONTAINERS OF CONSTRUCTION MATERIALS SHALL NOT BE WASHED IN OR NEAR THE ADJACENT STORMWATER MANAGEMENT FACILITY OR THE STORMWATER CONVEYANCE SYSTEM. GROUNDWATER RESOURCES SHALL BE PROTECTED BY THE USE OF PLASTIC MATS, TAR PAPER OR OTHER IMPERVIOUS MATERIALS ON ANY GROUND SURFACE WHERE TOXIC LIQUIDS ARE TO BE OPENED AND STORED.
 - ADEQUATE SANITARY FACILITIES SHALL BE PROVIDED DURING ALL CONSTRUCTION PHASES FOR WORKERS ACCORDING TO APPLICABLE HEALTH AND SAFETY PRACTICES AND REGULATIONS. SANITARY FACILITIES SHALL BE LOCATED AWAY FROM INLETS AND THE ADJACENT STORMWATER MANAGEMENT FACILITY TO AVOID ACCIDENTAL SPILLS INTO THE STORMWATER SYSTEM.

- CONSTRUCTION SCHEDULE**
THE PROJECT WILL BE CONSTRUCTED IN A SINGLE PHASE, WITH A CONSTRUCTION START OF JUNE 1, 2025. CONSTRUCTION IS EXPECTED TO BE COMPLETE BY JANUARY 31, 2026 WITH DURATION OF 245 DAYS.
- BEST MANAGEMENT PRACTICES**
THE FOLLOWING BMPs SHALL BE USED TO CONTROL SEDIMENTATION AND EROSION DURING THE PROJECT:
- A SOIL TRACKING PREVENTION DEVICE SHALL BE PROVIDED TO PREVENT THE TRACKING OF SOILS FROM THE SITE ONTO THE ADJACENT ROADWAYS.
 - ROCK BARRIERS FOR INLET PROTECTION FOR DITCH BOTTOM INLETS SHALL BE USED THROUGHOUT THE PROJECT WHEREVER THERE ARE EXISTING OR NEWLY CONSTRUCTED DITCH BOTTOM INLETS.
 - VEGETATIVE COVERS, BOTH TEMPORARY AND PERMANENT SHALL BE USED TO STABILIZE DISTURBED SOIL THROUGHOUT THE PROJECT.
 - PERMANENT OUTLET PROTECTION SHALL BE PROVIDED AT PROPOSED OUTFALLS AS A PERMANENT PART OF THE CONSTRUCTED STORMWATER FACILITIES. SEE GRADING AND DRAINAGE PLANS FOR ADDITIONAL INFORMATION.
 - SILT FENCE BARRIER SHALL BE USED TO DETERMINE MIGRATION OF SEDIMENTS FROM THE PROJECT SITE INTO THE STORMWATER MANAGEMENT FACILITY NORTH OF THE SITE.
- SPECIFICATIONS**
SOIL TRACKING PREVENTION DEVICE
- THE AREA OF THE ENTRANCE SHALL BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
 - GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS.
 - ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED SO AS TO INTERCEPT SEDIMENT BEFORE IT IS CARRIED OFF-SITE INTO THE STORMWATER CONVEYANCE SYSTEM, OR THE STORMWATER MANAGEMENT FACILITY.
 - IF WASH RACKS ARE USED, THEY SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 - IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES SHALL BE WASHED BEFORE THE GRAVEL ENTERS A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS SHALL BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE, INTO THE STORMWATER CONVEYANCE SYSTEM OR THE STORMWATER MANAGEMENT FACILITY.
- VEGETATIVE COVERS: TEMPORARY SEEDING**
- VEGETATION SHALL BE USED SO THAT DISTURBED AREAS WILL NOT BE DESTABILIZED FOR MORE THAN SEVEN (7) DAYS. SHOULD AREAS REMAIN DISTURBED FOR MORE THAN SEVEN (7) DAYS, THE AREA SHALL BE TEMPORARILY STABILIZED BY SOILING. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 4,000 POUNDS (LB.) OF STRAW PER ACRE. IF EXPOSED SLOPES ARE GREATER THAN OR EQUAL TO 5%, THEN AN EROSION BLANKET SUCH AS NORTH AMERICAN GREEN BIONET S758N SHALL BE UTILIZED UNTIL THE AREA ACHIEVES FINAL STABILIZATION. HYDROMULCH MAY BE USED AS AN ALTERNATIVE.
 - DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR ARE TO BE LEFT IDLE FOR MORE THAN 14 DAYS, SHALL BE STABILIZED WITH TEMPORARY SEED, SOD OR PERMANENT VEGETATIVE STABILIZATION METHODS.
 - QUICK GROWING/TEMPORARY SEEDING MIXTURE SHALL BE A MIXTURE OF ANNUAL AND PERENNIAL PLANT SPECIES AS OUTLINED BELOW. SEEDING RATES QUOTED ARE BASED ON PURE LIVE SEED.
 - MARCH-APRIL PLANTING: ANNUAL RYEGRASS AT A RATE OF 10 POUNDS PER 1000 SF
 - MAY PLANTING: BROWN TOP MILLET AT A RATE OF 10 POUNDS PER 1000SF
 - JUNE-AUGUST PLANTING: MIX 50% RYE GRAIN AND 50% WINTER WHEAT AT A RATE OF 10 POUNDS PER 1000 SF
 - SEPTEMBER-OCTOBER PLANTING: ANNUAL RYEGRASS AT A RATE OF 10 POUNDS PER 1000 SF
 - VEGETATION SHALL NOT BE ESTABLISHED ON SLOPES THAT ARE UNSUITABLE DUE TO INAPPROPRIATE SOIL TEXTURE, POOR INTERNAL STRUCTURE OR INTERNAL DRAINAGE, VOLUME OF OVERLAND FLOW, OR EXCESSIVE STEEPNESS, UNTIL MEASURES HAVE BEEN TAKEN TO CORRECT THESE PROBLEMS.
 - SURFACE ROUGHENING: IF THE AREA HAS BEEN RECENTLY LOOSENOED OR DISTURBED, NO FURTHER ROUGHENING IS REQUIRED, WHEN THE AREA IS COMPACTED, CRUSTED, OR HARDENED, THE SOIL SURFACE SHALL BE LOOSENEED BY DISKING, RAKING, HARROWING, OR OTHER ACCEPTABLE MEANS.
 - LIMING: WHERE SOILS ARE KNOWN TO BE HIGHLY ACID (PH 5.5 AND LOWER), LIME SHALL BE APPLIED AT THE RATE OF TWO TONS OF PULVERIZED AGRICULTURAL LIMESTONE PER AC.
 - FERTILIZER: SHALL BE APPLIED AS 130 LB./AC. OF 16-4-8 (3 LB./1,000 SF) OR EQUIVALENT. GREATER THAN 60% OF THE NITROGEN SHALL BE IN SLOW RELEASE FORM. LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE TOP 2 TO 4 IN. OF THE SOIL.
 - CERTIFIED SEED SHALL BE USED FOR ALL SEEDING.
 - APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER ON A FIRM, FRABLE SEEDBED. MAXIMUM SEEDING DEPTH SHALL BE 1/4 IN.
 - WHEN HYDROSEEDING, IF A MACHINERY BREAKDOWN OF 30 MINUTES TO 2 HOURS OCCURS, 50% MORE SEED SHALL BE ADDED TO THE TANK BASED ON THE PROPORTION OF THE SLURRY REMAINING IN THE TANK. BEYOND 2 HOURS, A FULL RATE OF NEW SEED SHALL BE NECESSARY.
 - ALL TEMPORARY SEEDING MUST BE MULCHED IMMEDIATELY UPON COMPLETION OF SEED APPLICATION.
 - NEW SEEDLINGS SHALL BE SUPPLIED WITH ADEQUATE MOISTURE. SUPPLY WATER AS NEEDED, ESPECIALLY LATE IN THE SEASON, IN ABNORMALLY HOT OR DRY WEATHER, OR ON ADVERSE SITES. WATER APPLICATION RATES SHALL BE CONTROLLED TO PREVENT RUNOFF.
 - INSPECT SEEDING AREAS FOR FAILURE AND MAKE NECESSARY REPAIRS AND RESEEDINGS WITHIN THE SAME SEASON, IF POSSIBLE.
 - IF VEGETATIVE COVER IS INADEQUATE TO PREVENT RILL EROSION, OVER-SEED AND FERTILIZE IN ACCORDANCE WITH SOIL TEST RESULTS.
 - SEEDLINGS SHALL BE FERTILIZED ONE YEAR AFTER PLANTING TO INSURE PROPER STAND DENSITY.
- VEGETATIVE COVERS: SODDING**
- PRIOR TO SOIL PREPARATION, AREAS TO BE SODDED SHALL BE BROUGHT TO FINAL GRADE IN ACCORDANCE WITH THE APPROVAL PLAN. THESE OPERATIONS SHALL LEAVE AS MUCH TOPSOIL AS POSSIBLE OR REPLACE THE TOPSOIL TO A DEPTH OF 4 IN.
 - SOIL TESTS SHALL BE MADE TO DETERMINE THE EXACT REQUIREMENTS FOR LIME AND FERTILIZER. THESE AMENDMENTS SHALL BE SPREAD EVENLY OVER THE AREA TO BE SODDED, AND INCORPORATED INTO THE TOP 3 TO 6 IN. OF THE SOIL BY DISKING, HARROWING, OR OTHER ACCEPTABLE MEANS.
 - PRIOR TO LAYING SOD, THE SOIL SURFACE SHALL BE CLEAR OF TRASH, DEBRIS, ROOTS, BRANCHES, STONES AND CLODS IN EXCESS OF 2 IN. IN LENGTH OR DIAMETER. SOD SHALL NOT BE APPLIED TO GRAVEL OR OTHER NON-SOIL SURFACES.
 - ANY IRREGULARITIES IN THE SOIL SURFACE RESULTING FROM TOPSOIL OR OTHER OPERATIONS SHALL BE FILLED OR LEVELED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
 - SOD SHALL BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4 IN., PLUS OR MINUS 1/4 IN., AT THE TIME OF CUTTING. THIS THICKNESS SHALL BE MAINTAINED THROUGHOUT THE GROWTH AND MATURE PHASES.
 - PIECES OF SOD SHALL BE CUT TO THE SUPPLIER'S STANDARD WIDTH AND LENGTH, WITH A MAXIMUM ALLOWABLE DEVIATION IN ANY DIMENSION OF 5%. TORN OR UNEVEN PADS SHALL NOT BE ACCEPTABLE.
 - STANDARD SIZE SECTIONS OF SOD SHALL BE STRONG ENOUGH TO SUPPORT THEIR OWN WEIGHT AND RETAIN THEIR SIZE AND SHAPE WHEN SUSPENDED FROM A FIRM GRASP ON ONE END OF THE SECTION.
 - SOD SHALL NOT BE CUT OR LAID IN EXCESSIVELY WET OR DRY WEATHER.
 - SOD SHALL BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS.
 - IRRIGATE AREAS TO BE SODDED WITH A MINIMUM OF 1/2 IN. OF WATER UNLESS RECENT RAINS HAVE PROVIDED EQUIVALENT MOISTURE.
 - THE FIRST ROW OF SOD SHALL BE LAID IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACE PARALLEL TO AND BUTTING TIGHTLY AGAINST EACH OTHER. LATERAL JOINTS SHALL BE STAGGERED TO PROMOTE MORE UNIFORM GROWTH AND STRENGTH. CARE SHALL BE EXERCISED TO INSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE DRYING OF THE ROOTS.
 - ON SLOPES 3:1 OR GREATER, OR WHEREVER EROSION MAY BE A PROBLEM, SOD SHALL BE LAID WITH STAGGERED JOINTS AND SECURED BY PEGGING OR OTHER APPROVED METHODS. SOD SHALL BE INSTALLED WITH THE LENGTH PERPENDICULAR TO THE SLOPE (ON THE CONTOUR). BEGIN LAYING SOD AT THE BOTTOM OF THE SLOPE AND WORK UPHILL.
 - AS SODDING OF CLEARLY DEFINED AREAS IS COMPLETED, SOD SHALL BE ROLLED OR TAMPED TO PROVIDE FIRM CONTACT BETWEEN ROOTS AND SOIL.
 - AFTER ROLLING, SOD SHALL BE IRRIGATED TO A DEPTH SUFFICIENT THAT THE UNDERSIDE OF THE SOD PAD AND THE SOIL 4 IN. BELOW THE SOD IS THOROUGHLY WET.
 - SOD SPECIES SHALL BE BERMUDA GRASS.
- SILT FENCE BARRIER**
- SILT FENCE FABRIC SHALL BE BELTED SILT RETENTION FENCE BSRF PRIORITY 1 - GREEN BANK
 - POSTS FOR SILT FENCES SHALL BE EITHER 2 X 2 IN. SQUARE OR 1.33 LB. / LINEAR FT. STEEL WITH A MINIMUM LENGTH OF 4 FT. STEEL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.
 - A TRENCH SHALL BE EXCAVATED APPROXIMATELY 2 IN. WIDE AND 8 IN. DEEP AROUND THE OUTSIDE PERIMETER OF THE STAKES.
 - THE FILTER FABRIC SHALL BE STAPLED TO THE WOODEN STAKES, AND 12 IN. OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE HEIGHT OF THE FILTER BARRIER SHALL BE A MINIMUM OF 24 IN.
 - THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
- MAINTENANCE AND INSPECTION**
ALL BMPs SHALL BE INSPECTED WEEKLY AT A MINIMUM AND AFTER EVERY RAINFALL EVENT EXCEEDING 1/2 IN. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY UPON COMPLETION OF THE INSPECTION. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF ANY SEDIMENT FILTER OR BARRIER. SUCH DEPOSITS SHALL BE DISPOSED OF IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- SOIL TRACKING PREVENTION DEVICE**
- THE ENTRANCE(S) SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS OF WAY.
 - TOP DRESS THE ENTRANCE PERIODICALLY WITH 2-IN. TO 4-IN. STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT WHEN VOID SPACES ARE FULL OF SEDIMENT.

- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
 - SWEEP THE PAVED ROAD DAILY FOR SEDIMENTS AND STONES.
 - SOIL TRACKING PREVENTION DEVICE SHALL BE REMOVED PRIOR TO FINAL INSPECTION
- ROCK BARRIERS FOR INLET PROTECTION**
- DITCH BOTTOM INLETS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL EVENT OF 1/2 IN. OR GREATER AND REPAIRS MADE AS NEEDED. INSPECT FOR CUT, ABRASIONS, AND PROPER INSTALLATION AND REPLACE OR RE-POSITION AS NECESSARY.
 - ROCK BARRIERS FOR INLET PROTECTION SHALL BE REMOVED WHEN ALL AREAS WITHIN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
- VEGETATIVE COVERS: TEMPORARY SEEDING**
- INSPECT THE VEGETATED AREAS WEEKLY FOR SIGNS OF POOR OR NO GERMINATION AND INDICATIONS OF EROSION.
 - AREAS WHICH FAIL TO ESTABLISH VEGETATIVE COVER ADEQUATELY TO PREVENT RILL EROSION SHALL BE FILLED IN WITH PROPER TOPSOIL AND RE-SEED AS SOON AS SUCH AREAS ARE IDENTIFIED.
 - AREAS WHERE SEEDING HAS BEEN ESTABLISHED SHALL BE MOWED A MINIMUM OF EVERY TWO (2) WEEKS.
- VEGETATIVE COVERS: SODDING**
- INSPECT THE VEGETATED AREAS WEEKLY FOR SIGNS OF POOR OR NO GERMINATION AND INDICATIONS OF EROSION.
 - AREAS WHICH FAIL TO ESTABLISH VEGETATIVE COVER ADEQUATELY TO PREVENT RILL EROSION SHALL BE FILLED IN WITH PROPER TOPSOIL AND RE-SODDED AS SOON AS SUCH AREAS ARE IDENTIFIED.
 - AREAS WHERE SODDING HAS BEEN ESTABLISHED SHALL BE MOWED A MINIMUM OF EVERY TWO (2) WEEKS.
- SILT FENCE BARRIER**
- SILT FENCE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL EVENT OF 1/2 IN. OR GREATER AND AT LEAST DAILY DURING PROLONGED RAINFALL EVENTS. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 - ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED OR SODDED. INLET PROTECTION SHALL BE INSPECTED AND GEO-TEXTILE FABRIC SHALL BE CHANGED AS NEEDED TO ALLOW POSITIVE FLOW.
 - SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE BEFORE THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

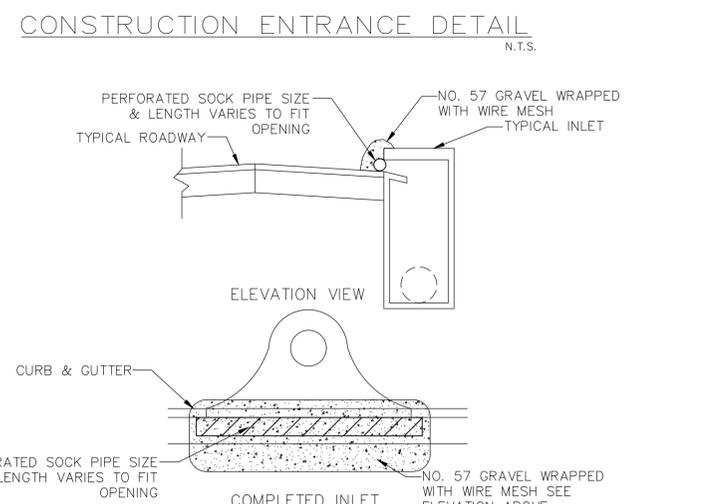
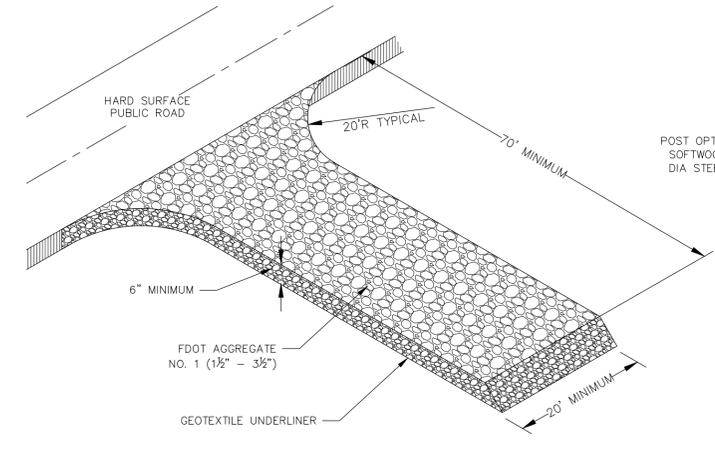
CONTRACTOR CERTIFICATION
I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERAL PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS SWPPP PREPARED THERE UNDER.

CONTRACTOR _____ DATE _____

CONTRACTOR SHALL CONTROL EROSION WITHIN THE PROJECT LIMITS SUCH THAT THERE ARE NO NEGATIVE IMPACTS DOWNSTREAM OF THE PROJECT DUE TO UNCONTROLLED EROSION OR SEDIMENTATION.

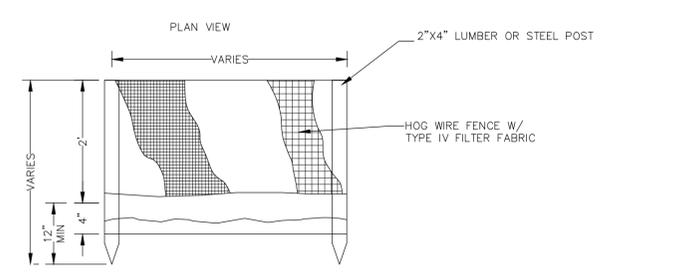
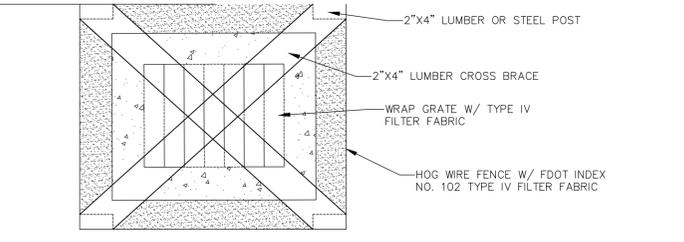
SHOULD ADDITIONAL BMPs BE REQUIRED TO CONTROL EROSION AND SEDIMENTATION FROM THE SITE, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SUPPLEMENTARY STORMWATER POLLUTION PROTECTION PLAN WITH APPROPRIATE BMPs PLACED AS NEEDED.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESCAPE OF SEDIMENT FROM THE SITE AND SHALL BE HELD RESPONSIBLE FOR ANY AND ALL IMPACTS RESULTING FROM SUCH EVENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF DOWNSTREAM IMPACTS DUE TO THE RELEASE OF SEDIMENTS FROM THE SITE INCLUDING BUT NOT LIMITED TO SEDIMENTATION AND EROSION THAT MAY RESULT FROM THE BUILDUP OF SUCH SEDIMENTS DOWNSTREAM OF THE PROJECT. CONTRACTOR SHALL FULLY BEAR THE FINANCIAL COST OF ANY PENALTIES OR FINES RESULTING FROM SUCH EVENTS.

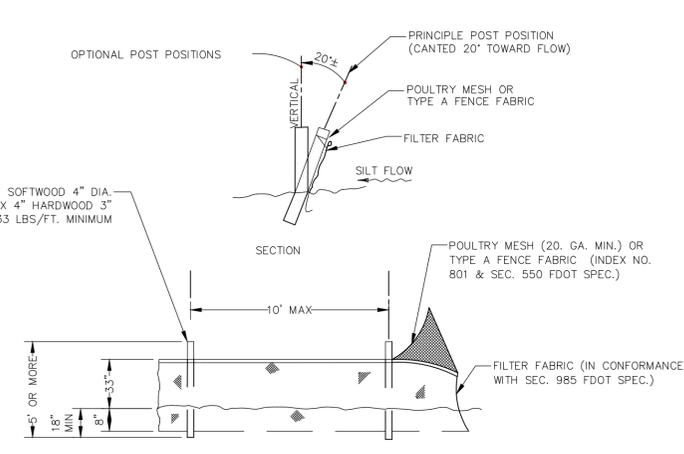


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
N.T.S.

- THE ENTRANCE(S) SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS OF WAY.
- TOP DRESS THE ENTRANCE PERIODICALLY WITH 2-IN. TO 4-IN. STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT WHEN VOID SPACES ARE FULL OF SEDIMENT.



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
N.T.S.



NOTE: SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF THE SWMF UNDERDRAIN FILTERS AND REMOVED FOLLOWING STABILIZATION OF THE SWMFS.

TYPE C HEAVY DUTY SILT FENCE
N.T.S.

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AUSTIN D. CUSHING, P.E.
FLORIDA PROFESSIONAL ENGINEER
No. 94521

No.	Date	Issue / Revision



AUSTIN D. CUSHING, P.E.
FL 94521

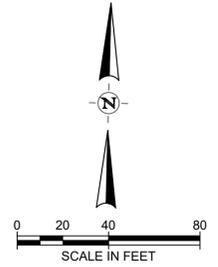
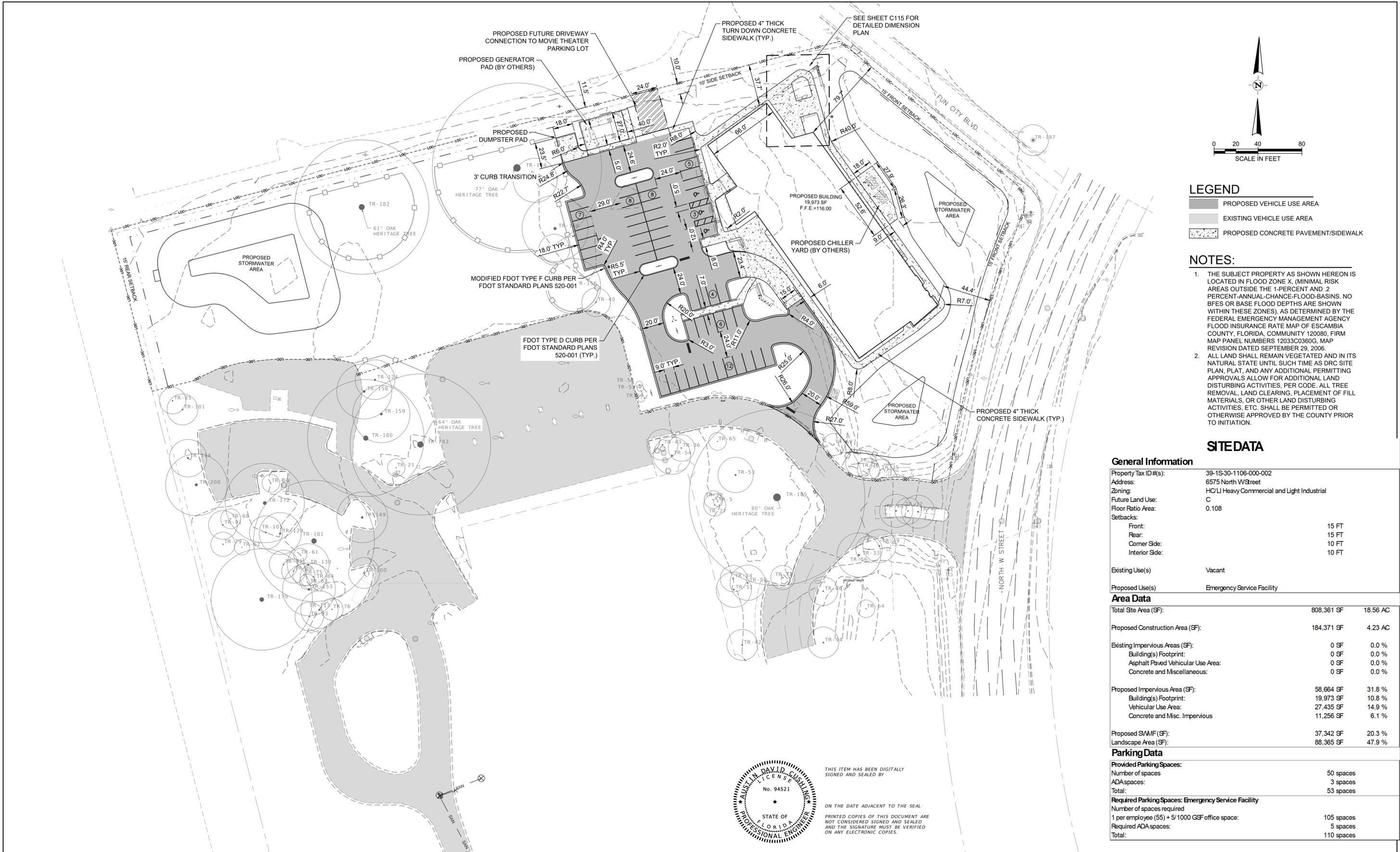
HALFF ASSOCIATES, INC.
2255 KILLEARN CENTER BLVD.
SUITE 200
TALLAHASSEE, FL 32309
CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

SWPPP NOTES AND DETAIL

DWG NO.
SHEET NO.
C107

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND**
- PROPOSED VEHICLE USE AREA
 - EXISTING VEHICLE USE AREA
 - PROPOSED CONCRETE PAVEMENT/SIDEWALK

- NOTES:**
1. THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND 2 PERCENT-ANNUAL-CHANCE-FLOOD-BASINS. NO BFES OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0380G, MAP REVISION DATED SEPTEMBER 29, 2006.
 2. ALL LAND SHALL REMAIN VEGETATED AND IN ITS NATURAL STATE UNTIL SUCH TIME AS DRC SITE PLAN, PLAT, AND ANY ADDITIONAL PERMITTING APPROVALS ALLOW FOR ADDITIONAL LAND DISTURBING ACTIVITIES, PER CODE. ALL TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIALS, OR OTHER LAND DISTURBING ACTIVITIES, ETC. SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY PRIOR TO INITIATION.

SITEDATA

General Information

Property Tax ID#(s):	39-1S30-1106-000-002
Address:	6575 North W Street
Zoning:	HC/LI Heavy Commercial and Light Industrial
Future Land Use:	C
Floor Ratio Area:	0.108
Setbacks:	
Front:	15 FT
Rear:	15 FT
Corner Side:	10 FT
Interior Side:	10 FT
Existing Use(s)	Vacant
Proposed Use(s)	Emergency Service Facility

Area Data

Total Site Area (SF):	808,361 SF	18.56 AC
Proposed Construction Area (SF):	184,371 SF	4.23 AC
Existing Impervious Areas (SF):	0 SF	0.0 %
Building(s) Footprint:	0 SF	0.0 %
Asphalt Paved Vehicular Use Area:	0 SF	0.0 %
Concrete and Miscellaneous:	0 SF	0.0 %
Proposed Impervious Area (SF):	58,664 SF	31.8 %
Building(s) Footprint:	19,973 SF	10.8 %
Vehicular Use Area:	27,435 SF	14.9 %
Concrete and Misc. Impervious	11,256 SF	6.1 %
Proposed SWMF (SF):	37,342 SF	20.3 %
Landscape Area (SF):	88,365 SF	47.9 %

Parking Data

Provided Parking Spaces:	
Number of spaces	50 spaces
ADA spaces:	3 spaces
Total:	53 spaces
Required Parking Spaces: Emergency Service Facility	
Number of spaces required	
1 per employee (55) + 5/1000 GSF office space:	105 spaces
Required ADA spaces:	5 spaces
Total:	110 spaces



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SUITE 200
TALLAHASSEE, FLORIDA 32309
TEL. (850) 224-4400

AUSTIN D. CUSHING, P.E.
FL 94521
HALFF ASSOCIATES, INC.
2255 KILLEARN CENTER BLVD.
SUITE 200
TALLAHASSEE, FL 32309
CA 33380

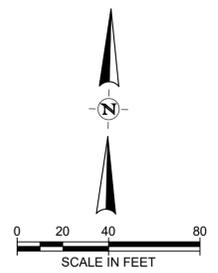
FLORIDA-ALABAMA TPO

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

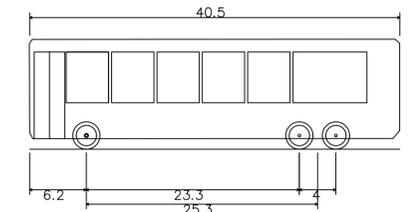
SITE PLAN

DWG NO.
SHEET NO.
C108

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LEGEND
 TRAFFIC FLOW DIRECTION



BUS-40 – Inter City Bus
 Overall Length 40.500ft
 Overall Width 8.500ft
 Overall Body Height 12.000ft
 Min Body Ground Clearance 1.158ft
 Track Width 8.500ft
 Lock-to-lock time 5.00s
 Max Steering Angle (Virtual) 41.90°

NL MAG POL GPS/TRAV LB7055 #1000
 N: 550036.95
 E: 1098599.54
 ELEV. = 111.44'

SANITARY MANHOLE
 RIM ELEV. = 111.00
 E INV. ELEV. 1 = 100.80
 E INV. ELEV. 2 = 100.80
 S INV. ELEV. = 99.79

40 LF OF 6" PVC @ 17.98%
 CLEAN OUT
 RIM ELEV. = 114.37
 INV. ELEV. = 108.02

4" PVC
 DIRECTION ONLY
 END NOT FOUND



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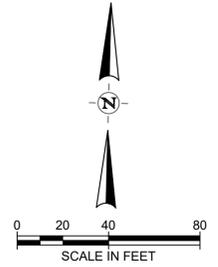
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FLORIDA-ALABAMA TPO		
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NORTH W STREET	ESCAMBIA	451524-1-38-01

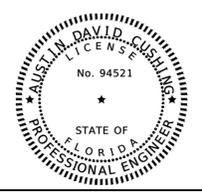
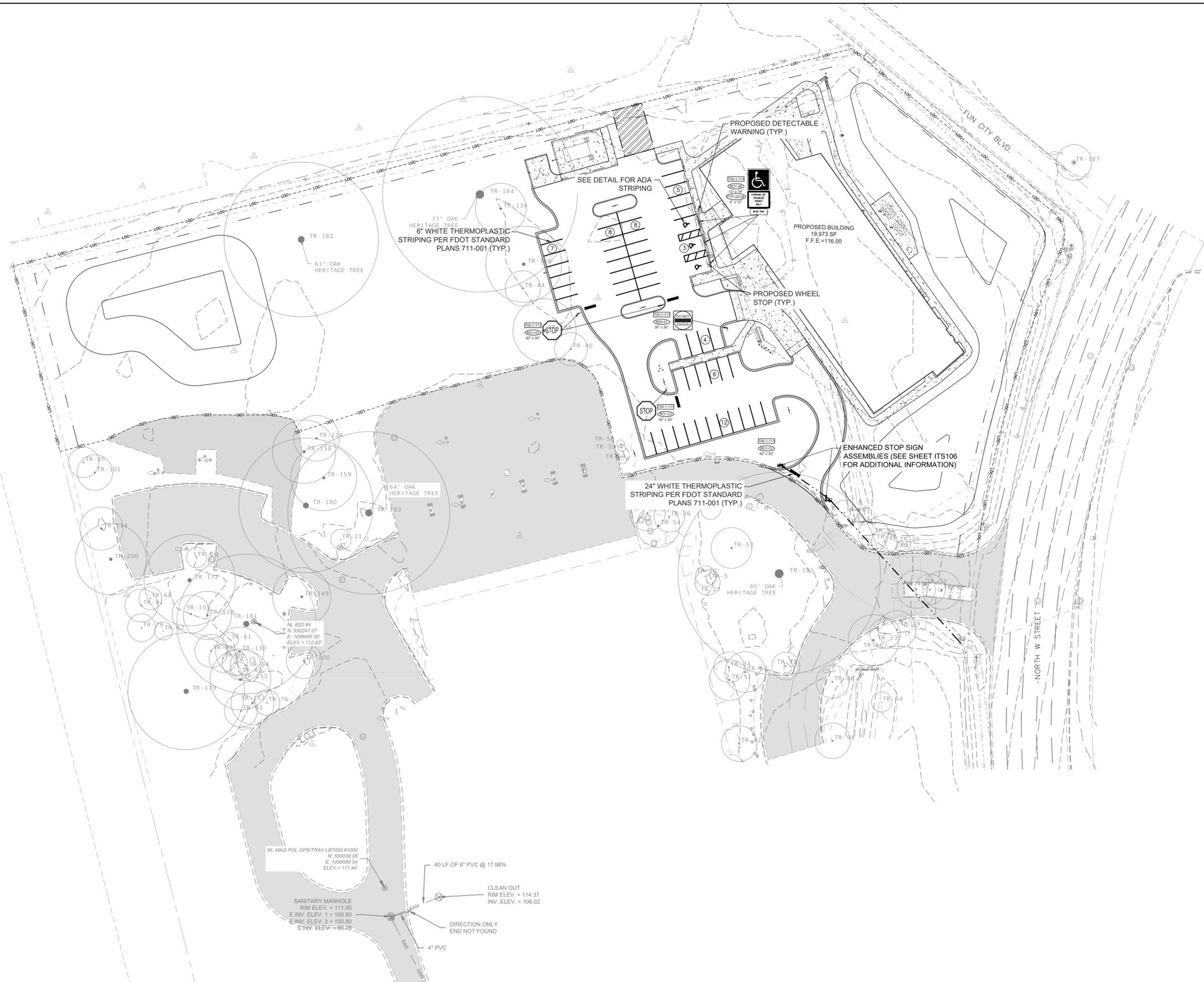
TRAFFIC CIRCULATION PLAN

DWG NO.
SHEET NO.
C109

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- NOTES:**
1. ALL SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH FDOT STANDARD PLANS AND SPECIFICATIONS.
 2. ALL PROPOSED SIGNAGE WILL REQUIRE A VALID ESCAMBIA COUNTY SIGN PERMIT. CONTRACTOR SHALL COORDINATE WITH THE COUNTY TO OBTAIN THE NECESSARY PERMITS AS NECESSARY.



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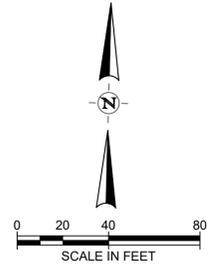
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FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

PAVEMENT MARKING AND SIGNAGE PLAN

DWG NO.	
SHEET NO.	C110

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LEGEND

— 115 —	PROPOSED MAJOR CONTOUR
— 114 —	PROPOSED MINOR CONTOUR
- - - 115 - - -	EXISTING MAJOR CONTOUR
- - - 114 - - -	EXISTING MINOR CONTOUR

DRAINAGE STRUCTURES

S-1 FDOT 24" CONC. MES TOP EL. = 108.00	S-55 30" HDPE DRAIN BASIN TOP EL. = 114.21 INV. EL. = 111.21 (NW) 24" INV. EL. = 111.21 (SW) 18" INV. EL. = 111.21 (W) 18"	S-115 FDOT 24" CONC. MES INV. EL. = 107.00
S-5 FDOT TYPE C DBI TOP EL. = 112.87 INV. EL. = 108.21 (NW) 24"	S-65 FDOT STORM MANHOLE TOP EL. = 114.15 INV. EL. = 111.15 (W) 18" INV. EL. = 111.15 (E) 24" INV. EL. = 111.15 (N) 18" INV. EL. = 109.75 (S) 18"	S-120 30" HDPE DRAIN BASIN TOP EL. = 111.06 INV. EL. = 108.50 (NE) 24" INV. EL. = 108.50 (NW) 24"
S-10 FDOT STORM MANHOLE TOP EL. = 114.55 INV. EL. = 109.75 (SE) 18" INV. EL. = 109.75 (W) 18"	S-75 FDOT TYPE V INLET TOP EL. = 114.71 INV. EL. = 112.24 (NE) 18"	S-125 30" HDPE DRAIN BASIN TOP EL. = 111.75 INV. EL. = 108.79 (SW) 18" INV. EL. = 108.79 (SE) 18"
S-15 FDOT STORM MANHOLE TOP EL. = 114.82 INV. EL. = 109.91 (NE) 18" INV. EL. = 109.91 (SW) 18"	S-80 30" HDPE DRAIN BASIN TOP EL. = 114.41 INV. EL. = 111.95 (NE) 18" INV. EL. = 111.95 (SW) 18"	S-130 30" HDPE DRAIN BASIN TOP EL. = 111.85 INV. EL. = 108.89 (NW) 18" INV. EL. = 108.89 (NE) 18"
S-20 FDOT TYPE C DBI TOP EL. = 113.90 INV. EL. = 109.88 (SW) 18"	S-85 30" HDPE DRAIN BASIN TOP EL. = 114.00 INV. EL. = 111.53 (NW) 18" INV. EL. = 111.53 (SW) 18"	S-135 FDOT STORM MANHOLE TOP EL. = 114.99 INV. EL. = 109.31 (NE) 18" INV. EL. = 109.31 (SW) 18"
S-25 FDOT TYPE 1 CURB INLET TOP EL. = 114.55 INV. EL. = 109.56 (SE) 18" INV. EL. = 109.56 (NW) 18"	S-90 30" HDPE DRAIN BASIN TOP EL. = 115.02 INV. EL. = 113.75 (SW) 18" INV. EL. = 111.47 (SE) 18" INV. EL. = 111.47 (NW) 24"	S-140 FDOT STORM MANHOLE TOP EL. = 113.38 INV. EL. = 110.42 (W) 18" INV. EL. = 110.42 (E) 18"
S-30 FDOT TYPE 1 CURB INLET TOP EL. = 114.55 INV. EL. = 109.56 (N) 18" INV. EL. = 109.27 (E) 18" INV. EL. = 109.27 (W) 24"	S-95 30" HDPE DRAIN BASIN TOP EL. = 114.086 INV. EL. = 111.09 (NE) 24" INV. EL. = 111.09 (SW) 18" INV. EL. = 111.09 (SE) 24"	S-145 FDOT TYPE D DBI TOP EL. = 114.75 SLOT EL. = 113.25 INV. EL. = 111.00 (NW) 18"
S-35 FDOT TYPE C DBI TOP EL. = 114.55 INV. EL. = 109.96 (NW) 18" INV. EL. = 109.96 (SE) 18"	S-100 FDOT 24" CONC. MES INV. EL. = 111.00	S-150 FDOT 18" CONC. MES INV. EL. = 105.00
S-40 FDOT TYPE C DBI TOP EL. = 113.84 INV. EL. = 110.27 (NW) 18" INV. EL. = 110.27 (NE) 18"	S-105 FDOT TYPE D DBI TOP EL. = 113.65 INV. EL. = 110.50 (NW) 18" SLOT EL. = 113.15 ORIFICE INV. EL. = 110.50	S-155 30" HDPE DRAIN BASIN TOP EL. = 111.95 INV. EL. = 105.00 (N) 18" INV. EL. = 105.00 (SW) 18"
S-45 FDOT TYPE V INLET TOP EL. = 114.49 INV. EL. = 110.56 (SW) 18" INV. EL. = 110.56 (NE) 18"	S-110 FDOT DOGHOUSE STORM MANHOLE TOP EL. = 113.50 INV. EL. = 110.34 (SE) 18"	S-160 FDOT 18" CONC. MES INV. EL. = 105.00
S-50 24" HDPE DRAIN BASIN TOP EL. = 114.60 INV. EL. = 111.43 (W) 18" INV. EL. = 111.43 (SE) 18"		S-165 30" HDPE DRAIN BASIN TOP EL. = 115.65 INV. EL. = 111.53 (SW) 18" INV. EL. = 111.53 (NW) 18"

DRAINAGE PIPES

P-5 44 LF 24" RCP @ 0.50%	P-55 6 LF 18" HDPE @ 33.96%	P-105 9 LF 18" HDPE @ 49.98%	P-150 89 LF 18" HDPE @ 0.50%
P-10 213 LF 24" RCP @ 0.50%	P-60 26 LF 18" HDPE @ 0.50%	P-110 77 LF 24" HDPE @ 0.50%	P-155 100 LF 18" RCP @ 0.50%
P-15 46 LF 18" HDPE @ 0.50%	P-65 6 LF 18" HDPE @ 35.47%	P-115 9 LF 18" HDPE @ 51.96%	P-160 118 LF 18" RCP @ 0.44%
P-25 57 LF 18" RCP @ 0.50%	P-70 8 LF 18" HDPE @ 32.95%	P-120 15 LF 24" HDPE @ 0.50%	P-165 144 LF 18" RCP @ 0.40%
P-30 42 LF 18" RCP @ 0.50%	P-75 59 LF 18" HDPE @ 0.50%	P-125 20 LF 18" HDPE @ 0.50%	P-170 54 LF 18" HDPE @ 0.00%
P-35 62 LF 18" RCP @ 0.50%	P-80 21 LF 18" HDPE @ 0.53%	P-130 55 LF 24" HDPE @ 0.50%	P-175 60 LF 18" HDPE @ 0.00%
P-40 56 LF 18" RCP @ 0.50%	P-90 43 LF 18" RCP @ 0.51%	P-135 19 LF 24" HDPE @ 0.50%	
P-45 53 LF 18" RCP @ 0.50%	P-95 81 LF 18" HDPE @ 0.51%	P-140 40 LF 18" HDPE @ 0.50%	
P-50 38 LF 18" HDPE @ 0.52%	P-100 20 LF 18" HDPE @ 0.50%	P-145 20 LF 18" HDPE @ 0.50%	

PROPOSED RIPRAP
OUTFALL PROTECTION
(TYP.)

OVERFLOW WEIR
(SEE DETAIL ON
DRAINAGE DETAILS
SHEET)

PROPOSED CLAY CORE
SEE SHEET C112 FOR
ADDITIONAL INFORMATION

40 LF OF 6" PVC @ 17.88%

CLEAN OUT
RIM ELEV. = 114.37
INV. ELEV. = 108.02

SANITARY MANHOLE
RIM ELEV. = 111.00
E INV. ELEV. 1 = 100.80
E INV. ELEV. 2 = 100.80
S INV. ELEV. = 99.79

4" PVC

DIRECTION ONLY
END NOT FOUND

No.	Date	Issue / Revision



AUSTIN D. CUSHING, P.E.
FL 94521

HALFF ASSOCIATES, INC.
2255 KILLEARN CENTER BLVD.
SUITE 200
TALLAHASSEE, FL 32309
CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

GRADING AND DRAINAGE PLAN

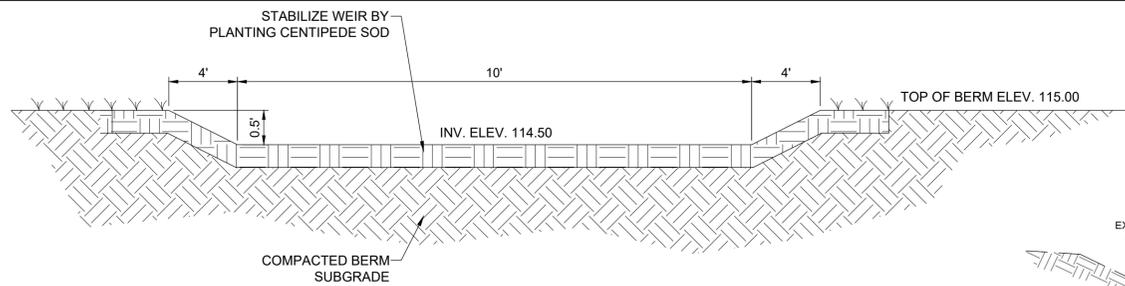
DWG NO.
SHEET NO.
C111



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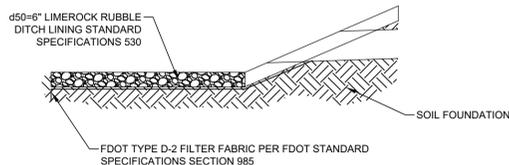
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EMERGENCY OVERFLOW WEIR DETAIL

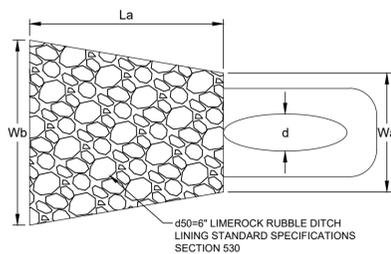
N.T.S.



NOTES:
 1. RIP-RAP WILL REMAIN AFTER CONSTRUCTION IS COMPLETE FOR ENERGY DISSIPATION.
 2. ALL SEDIMENT SHALL BE REMOVED FROM RIP-RAP AFTER CONSTRUCTION IS COMPLETE.

SWMF STORM PIPE RIPRAP PROTECTION

N.T.S.

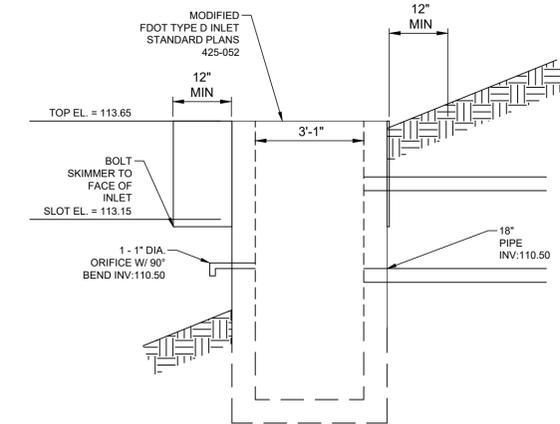
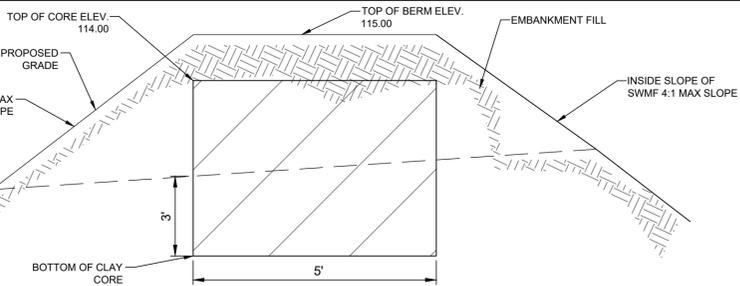


STRUCTURE NO.	d	Wa	Lg	Wb
S-1	24"	6.0'	2.0'	14.0'
S-100	24"	6.0'	2.0'	14.0'
S-115	24"	6.0'	2.0'	14.0'

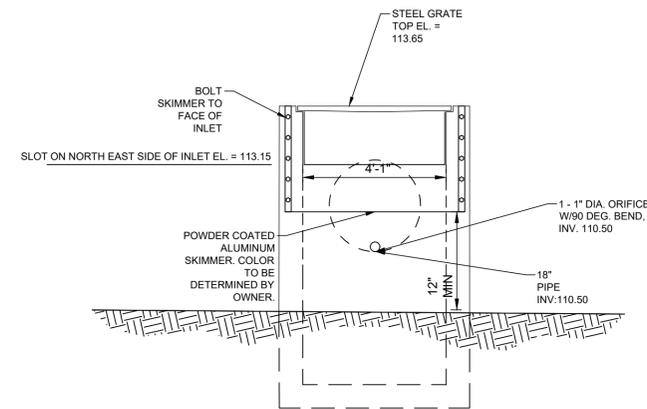
CLAY CORE DETAIL

N.T.S.

- NOTES:
1. THE CLAY CORE, INCLUDING THE KEYWAY, IS TO BE CONSTRUCTED IN THE DRY. THE CONTRACTOR SHOULD EXPECT THE NEED FOR DEWATERING. FURTHER, SOIL MOISTURE CONDITIONING WILL BE NEEDED FOR CONSTRUCTION OF THE CLAY CORE.
 2. SOILS USED TO CONSTRUCT THE CLAY CORE ARE TO CONSIST OF NON-ORGANIC, PLASTIC CLAYEY SAND OR SANDY CLAY WITH AN AASHTO CLASSIFICATION OF A-6 (LIQUID LIMIT ≤ 40 AND PLASTICITY INDEX ≥ 11).
 3. THE CLAY CORE SHALL BE CONSTRUCTED WITH 6-INCH THICK MAXIMUM LIFTS. COMPACTION IS TO BE ACCOMPLISHED USING A SHEEPSFOOT ROLLER EXERTING A MINIMUM PRESSURE OF 250 PSI ON THE TAMPER FEET TO OBTAIN A MINIMUM QC DENSITY OF 100% OF THE STANDARD PROCTOR MAXIMUM DENSITY WITHIN $\pm 1\%$ OF THE OPTIMUM MOISTURE.
 4. THE SURFACE OF EACH COMPLETED LIFT IS TO BE SCARIFIED/ROUGHENED SEVERAL INCHES TO TIE IN THE NEXT LIFT AND PREVENT THE FORMATION OF A COMPACTION/SEEPAGE JOINT.
 5. CLAY CORE SHALL EXTEND TO THE LIMITS SHOWN ON THE GRADING AND DRAINAGE PLAN SHEET C111.



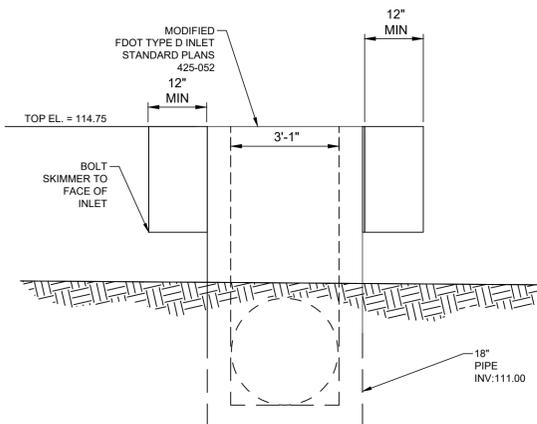
NORTH WEST/ SOUTH EAST ELEVATION



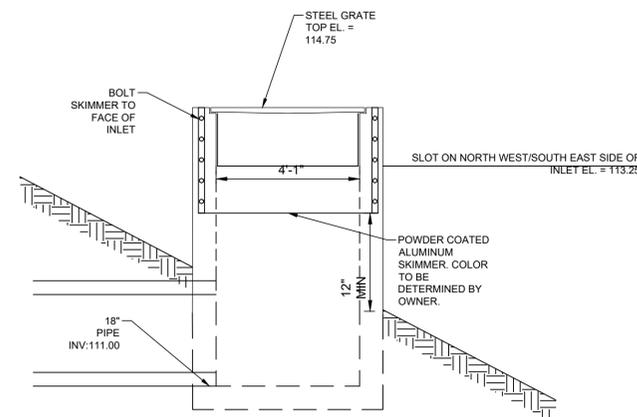
NORTH EAST/SOUTH WEST ELEVATION

S-105 OUTFALL STRUCTURE

N.T.S.



NORTH WEST/ SOUTH EAST ELEVATION

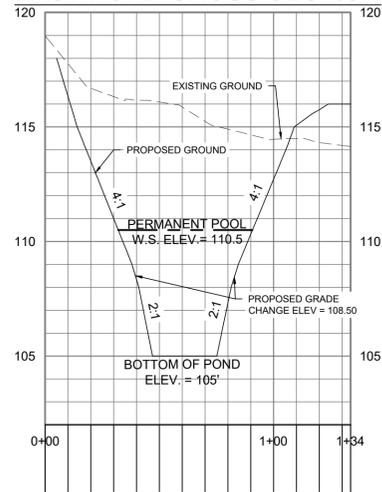


NORTH EAST/SOUTH WEST ELEVATION

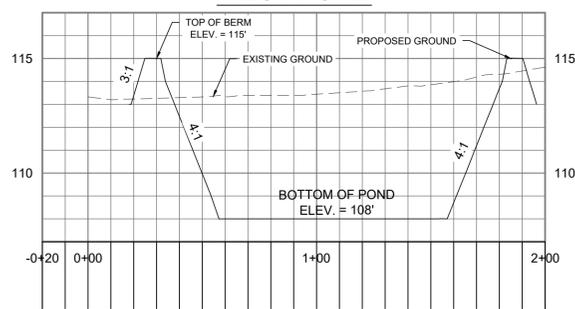
S-145 OUTFALL STRUCTURE

N.T.S.

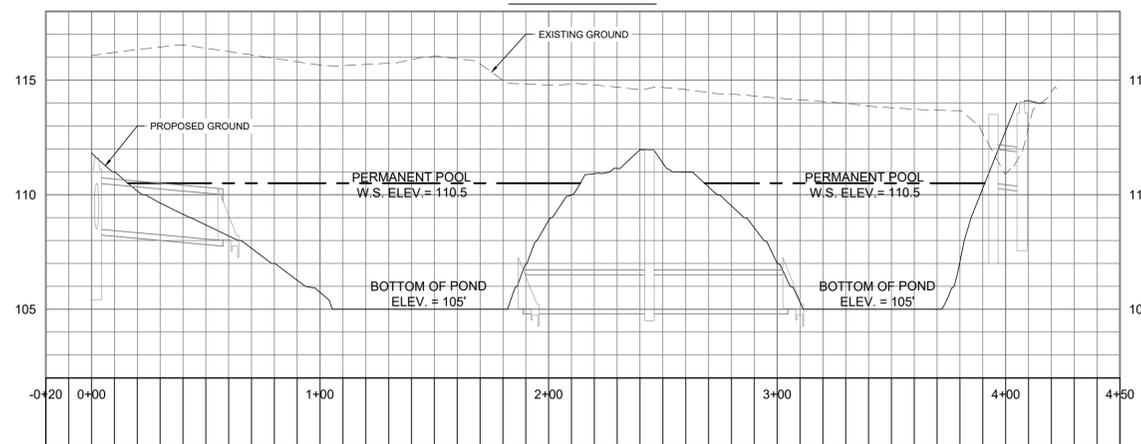
EAST POND CROSS SECTION



WEST POND



EAST POND



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No.	Date	Issue / Revision



2255 KILLEARN CENTER BLVD.
 SUITE 200
 TALLAHASSEE, FLORIDA 32309
 TEL. (850) 224-4400

AUSTIN D. CUSHING, P.E.
 FL 94521
 HALFF ASSOCIATES, INC.
 2255 KILLEARN CENTER BLVD.
 SUITE 200
 TALLAHASSEE, FL 32309
 CA 33380

FLORIDA-ALABAMA TPO

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

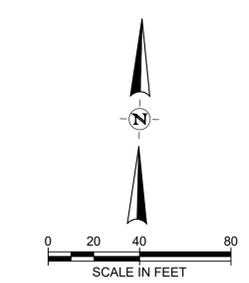
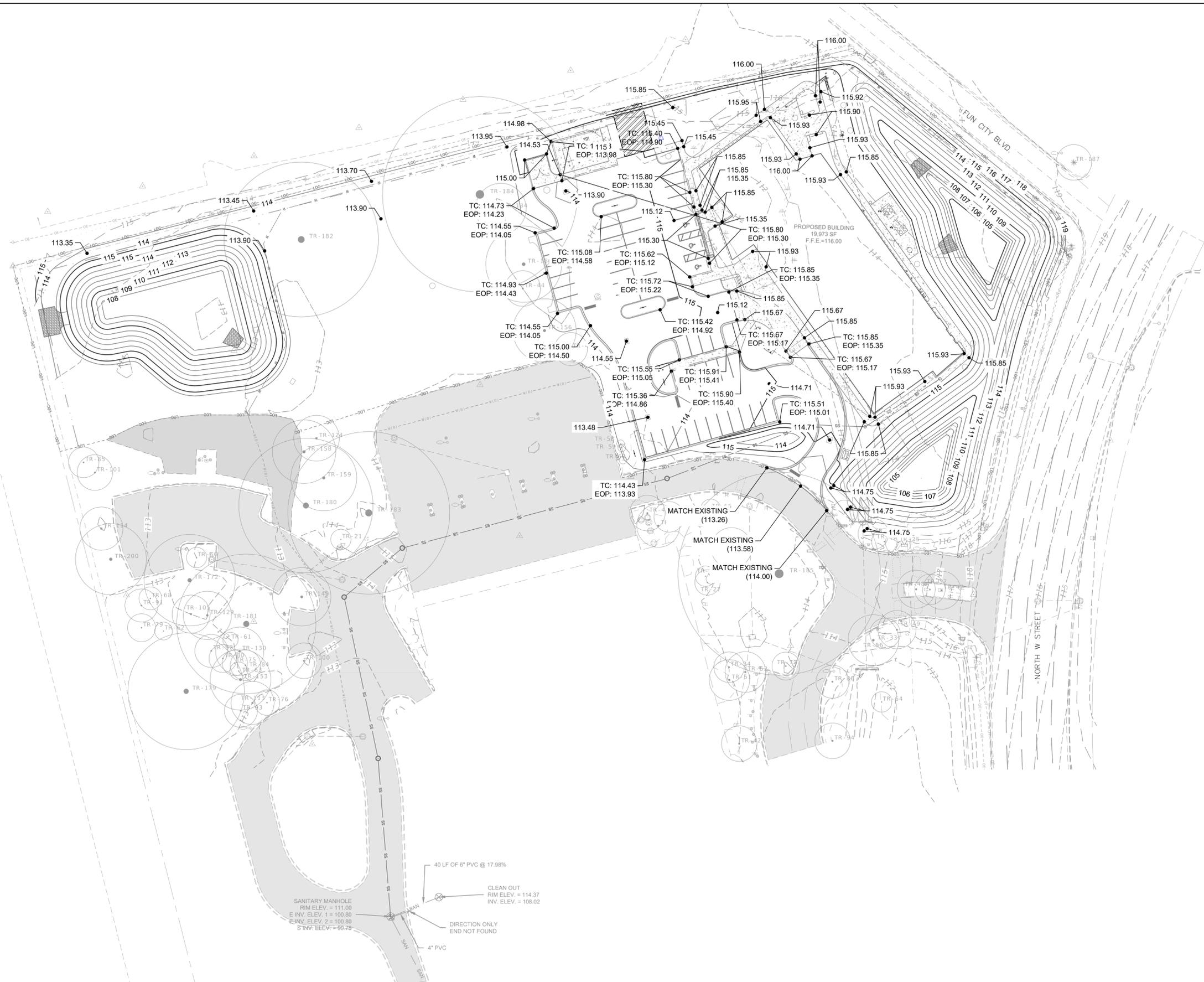
DRAINAGE DETAILS

DWG NO.

SHEET NO.

C112

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LEGEND

—115—	PROPOSED MAJOR CONTOUR
—114—	PROPOSED MINOR CONTOUR
- - -115 - - -	EXISTING MAJOR CONTOUR
- - -114 - - -	EXISTING MINOR CONTOUR

SANITARY MANHOLE
RIM ELEV. = 111.00
E INV. ELEV. 1 = 100.80
E INV. ELEV. 2 = 100.80
S INV. ELEV. = 99.79

40 LF OF 6" PVC @ 17.98%

CLEAN OUT
RIM ELEV. = 114.37
INV. ELEV. = 108.02

4" PVC

DIRECTION ONLY
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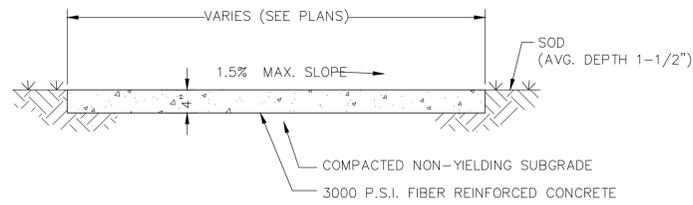
HALFF ASSOCIATES, INC.
2255 KILLEARN CENTER BLVD.
SUITE 200
TALLAHASSEE, FL 32309
CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

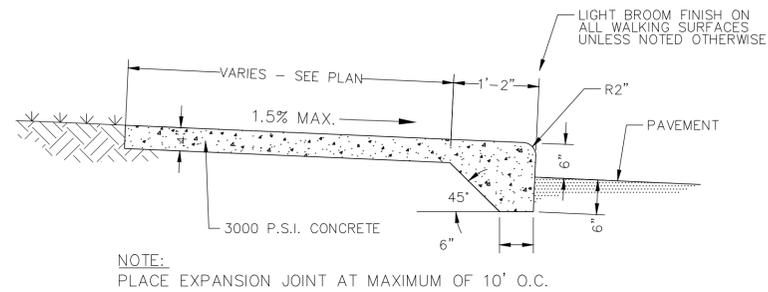
DETAILED GRADING PLAN

DWG NO.
SHEET NO.
C113

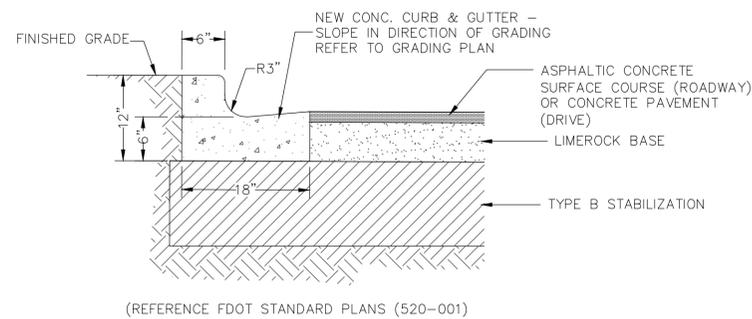
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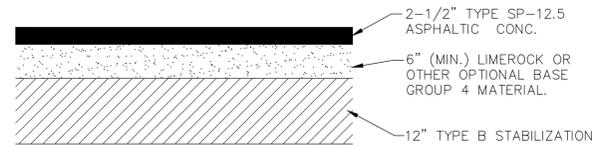
TYPICAL CONCRETE SIDEWALK DETAIL
N.T.S.



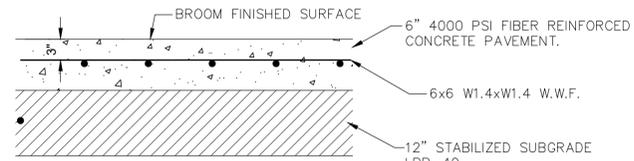
TYPICAL TURNDOWN CONCRETE SIDEWALK DETAIL
N.T.S.



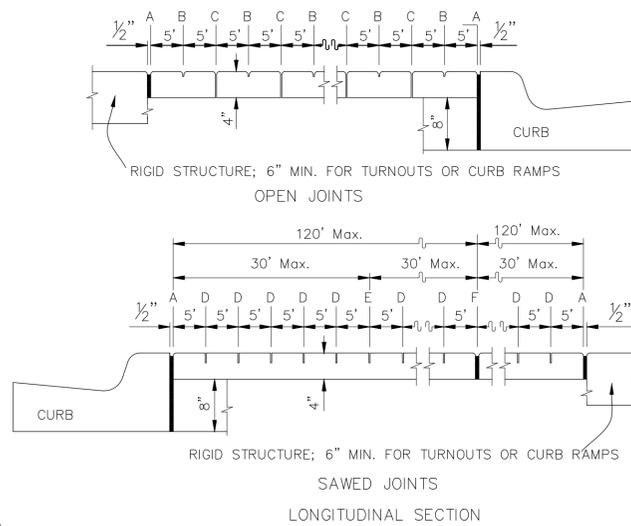
FDOT MODIFIED TYPE "F" CURB & GUTTER
N.T.S.



TYPICAL ASPHALT PAVEMENT DETAIL
N.T.S.



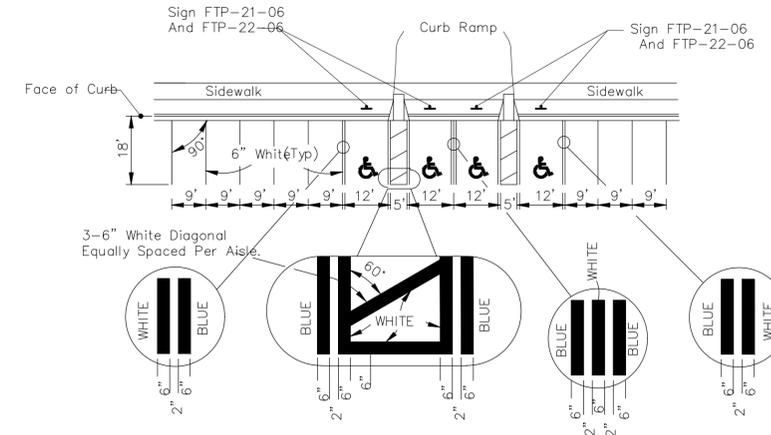
TYPICAL CONCRETE PAVEMENT DETAIL
N.T.S.



- LEGEND:
A- 1/2" EXPANSION JOINTS (PREFORMED JOINT FILLER)
B- 1/8" DUMMY JOINTS, TOOLED
C- 1/8" FORMED OPEN JOINTS
D- 3/16" SAW CUT JOINTS, 1 1/2" DEEP (WITHIN 96 HOURS) MAX. 5' CENTERS
E- 3/16" SAW CUT JOINTS, 1 1/2" DEEP (WITHIN 12 HOURS) MAX. 30' CENTERS JOINT(S) REQUIRED WHEN LENGTH EXCEEDS 30'
F- 1/2" EXPANSION JOINT WHEN RUN OF SIDEWALK EXCEEDS 120'. INTERMEDIATE LOCATIONS WHEN CALLED FOR IN THE PLANS OR AT LOCATIONS AS DIRECTED BY THE ENGINEER.
G- COLD JOINT WITH BOND BREAKER, TOOLED

NOTE: REFER TO FDOT STANDARD PLANS 522-001 FOR ADDITIONAL DETAILS

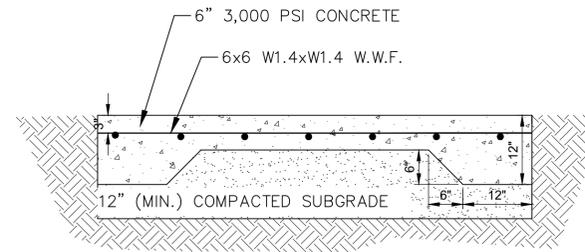
SIDEWALK JOINTS DETAIL
N.T.S.



TYPICAL PER FDOT STANDARD PLANS INDEX
711-001

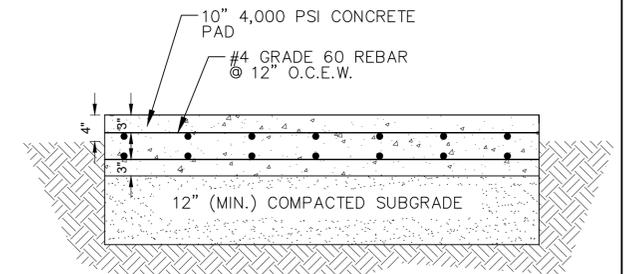
- NOTES:
1. DIMENSIONS ARE TO THE CENTERLINE OF MARKINGS.
2. AN ACCESS AISLE IS REQUIRED FOR EACH ACCESSIBLE SPACE WHEN ANGLE PARKING IS USED.
3. CRITERIA FOR PAVEMENT MARKINGS ONLY, NOT PUBLIC SIDEWALK CURB RAMP LOCATIONS. FOR RAMP LOCATIONS REFER TO PLANS.
4. BLUE PAVEMENT MARKINGS SHALL BE TINTED TO MATCH SHADE 15180 OF FEDERAL STANDARDS 595A.
5. THE FTP-22-06 PANEL SHALL BE MOUNTED BELOW THE FTP-21-06 SIGN.

PAVEMENT MARKING FOR PARKING
N.T.S.



NOTE:
SUBGRADE SHOULD BE COMPACTED TO 95% OF THE MAXIMUM COMPACTION AS DETERMINED BY THE MODIFIED PROCTOR TEST.

CONCRETE DUMPSTER PAD DETAIL
N.T.S.



NOTE:
SUBGRADE SHOULD BE COMPACTED TO 95% OF THE MAXIMUM COMPACTION AS DETERMINED BY THE MODIFIED PROCTOR TEST.

CONCRETE CHILLER YARD AND GENERATOR PAD DETAIL
N.T.S.



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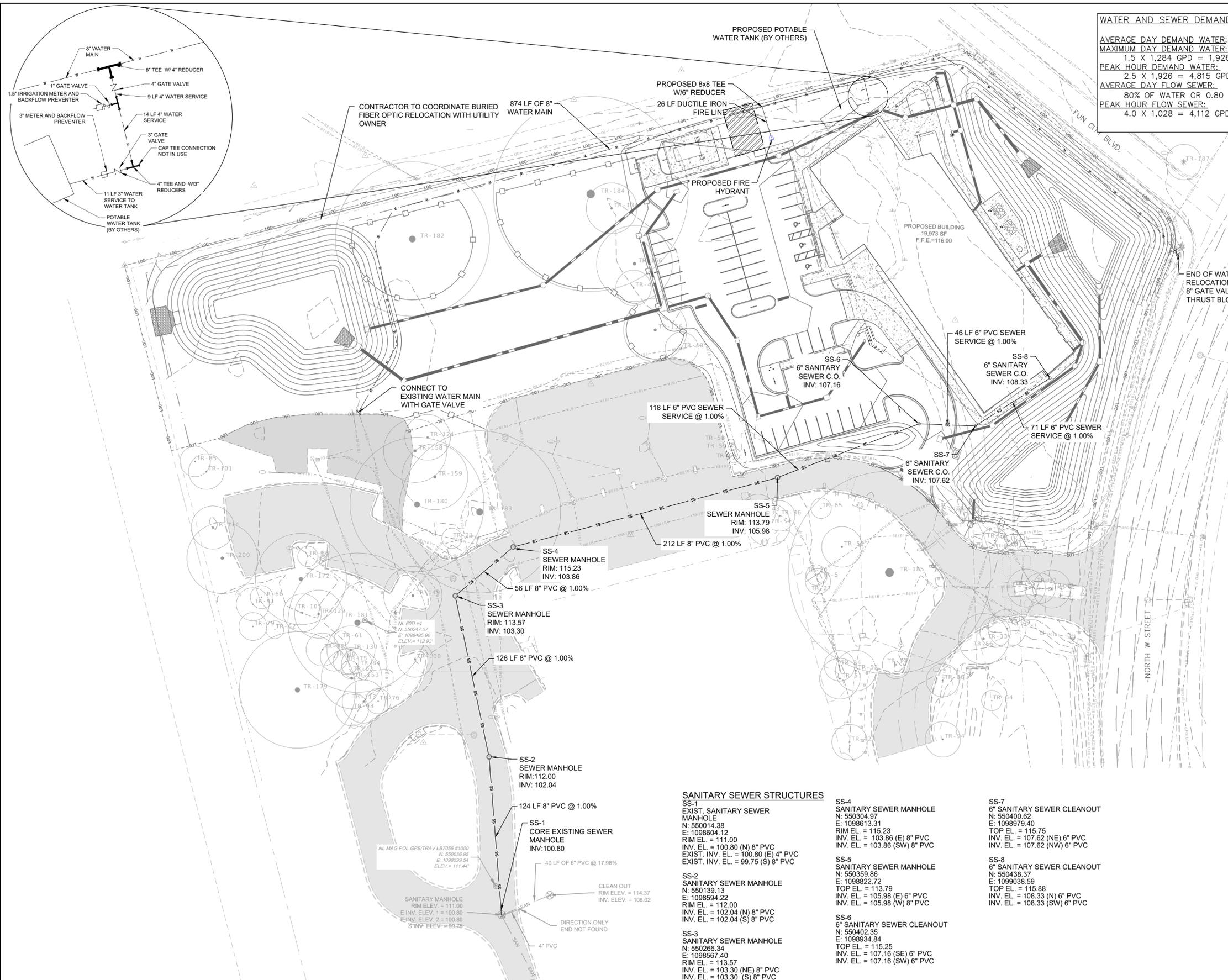
AUSTIN D. CUSHING, P.E.
FL 94521
HALFF ASSOCIATES, INC.
2255 KILLEARN CENTER BLVD.
SUITE 200
TALLAHASSEE, FL 32309
CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

CONSTRUCTION DETAILS (1 OF 2)

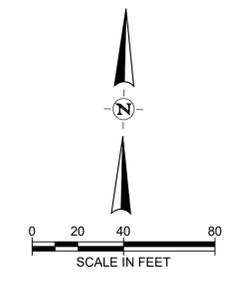
DWG NO.
SHEET NO.
C114

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WATER AND SEWER DEMAND CALCULATIONS

AVERAGE DAY DEMAND WATER: 1,284 GPD
 MAXIMUM DAY DEMAND WATER: 1.5 X 1,284 GPD = 1,926 GPD
 PEAK HOUR DEMAND WATER: 2.5 X 1,926 = 4,815 GPD OR 3.35 GPM
 AVERAGE DAY FLOW SEWER: 80% OF WATER OR 0.80 (1,284) = 1,028 GPD
 PEAK HOUR FLOW SEWER: 4.0 X 1,028 = 4,112 GPD OR 2.86 GPM

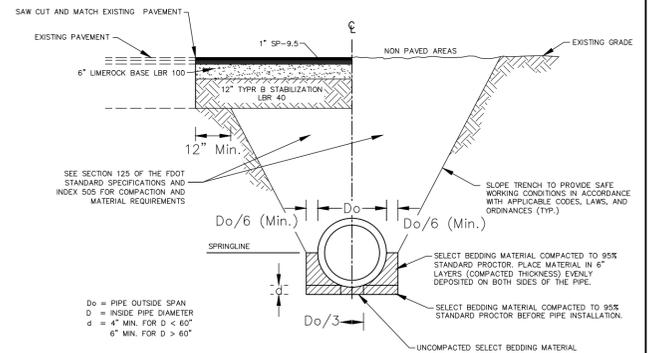


LEGEND

- w — PROPOSED WATER LINE
- ss — PROPOSED SANITARY SEWER
- - - (BE) - - - EXISTING BURIED ELECTRIC
- - - (BT) - - - EXISTING BURIED TELEVISION
- - - (BF) - - - EXISTING BURIED FIBER OPTIC
- - - (BT) - - - EXISTING BURIED TELEPHONE
- - - EXISTING GEOTHERMAL EXTENTS
- - - (UN) - - - EXISTING UNKNOWN UTILITY
- - - (W) - - - EXISTING WATER MAIN

NOTES:

1. WATER AND SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE EMERALD COAST UTILITIES AUTHORITY ENGINEERING MANUAL DATED SEPTEMBER 1, 2016.



NOTES:

1. BACKFILL ABOVE THE SPRINGLINE TO BE PLACED IN LIFTS THIN ENOUGH TO ALLOW COMPACTION TO BE ACHIEVED. LIFTS IN EXCESS OF TWELVE INCHES, MEASURED LOOSE, SHALL NOT BE ALLOWED.
2. PIPES TO BE INSTALLED IN DRY TRENCHES, DETERMINED BY WELPPONTING. OPEN TRENCH PUMPING FOR DETERMINING SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. IF TRENCH IS OVERCOMPACTED, BACKFILL AND RECOMPACT TO MATCH SURROUNDING DENSITY THEN PLACE SELECT BEDDING MATERIAL AS SHOWN ABOVE.
4. HAND DIG FOR BELL JOINTS. BEARING FROM JOINT TO JOINT WILL NOT BE ALLOWED.
5. BEFORE PLACING S&S IN GRASSED AREAS, PROVIDE A THREE-INCH MINIMUM THICK LAYER OF TOPSOIL THAT IS SUFFICIENTLY LOOSE TO PROMOTE ROOT GROWTH.

SANITARY SEWER STRUCTURES

- SS-1 EXIST. SANITARY SEWER MANHOLE
 N: 550014.38
 E: 1098604.12
 RIM EL. = 111.00
 INV. EL. = 100.80 (N) 8" PVC
 EXIST. INV. EL. = 100.80 (E) 4" PVC
 EXIST. INV. EL. = 99.75 (S) 8" PVC
- SS-2 SANITARY SEWER MANHOLE
 N: 550139.13
 E: 1098594.22
 RIM EL. = 112.00
 INV. EL. = 102.04 (N) 8" PVC
 INV. EL. = 102.04 (S) 8" PVC
- SS-3 SANITARY SEWER MANHOLE
 N: 550266.34
 E: 1098567.40
 RIM EL. = 113.57
 INV. EL. = 103.30 (NE) 8" PVC
 INV. EL. = 103.30 (S) 8" PVC
- SS-4 SANITARY SEWER MANHOLE
 N: 550304.97
 E: 1098613.31
 RIM EL. = 115.23
 INV. EL. = 103.86 (E) 8" PVC
 INV. EL. = 103.86 (SW) 8" PVC
- SS-5 SANITARY SEWER MANHOLE
 N: 550359.86
 E: 1098622.72
 TOP EL. = 113.79
 INV. EL. = 105.98 (E) 6" PVC
 INV. EL. = 105.98 (W) 8" PVC
- SS-6 6" SANITARY SEWER CLEANOUT
 N: 550402.35
 E: 1098934.84
 TOP EL. = 115.25
 INV. EL. = 107.16 (SE) 6" PVC
 INV. EL. = 107.16 (SW) 6" PVC
- SS-7 6" SANITARY SEWER CLEANOUT
 N: 550400.62
 E: 1098979.40
 TOP EL. = 115.75
 INV. EL. = 107.62 (NE) 6" PVC
 INV. EL. = 107.62 (NW) 6" PVC
- SS-8 6" SANITARY SEWER CLEANOUT
 N: 550438.37
 E: 1099038.59
 TOP EL. = 115.88
 INV. EL. = 108.33 (N) 6" PVC
 INV. EL. = 108.33 (SW) 6" PVC

No.	Date	Issue / Revision



AUSTIN D. CUSHING, P.E.
 FL 94521
 HALFF ASSOCIATES, INC.
 2255 KILLEARN CENTER BLVD.
 SUITE 200
 TALLAHASSEE, FL 32309
 CA 33380

FLORIDA-ALABAMA TPO		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NORTH W STREET	ESCAMBIA	451524-1-38-01

UTILITY PLAN

DWG NO.
SHEET NO.
C116



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