

BOARD OF COUNTY COMMISSIONERS ESCAMBIA COUNTY, FLORIDA

PUBLIC WORKS DEPARTMENT
ENGINEERING / INFRASTRUCTURE DIVISION

PLANS PREPARED BY:



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PLANS PROPOSED FOR

LAKE CHARLENE SEDIMENT CATCHMENT

ENG 1907

FOR CONSTRUCTION SEPTEMBER 2019

SUBJECT PROPERTY

(IN LAKE CHARLENE SUBDIVISION)

RIGHT-OF-WAY OF THE INTERSECTION OF

CLYDESDALE DRIVE, SOUTH 69TH AVENUE, AND LAKE CHARLENE DRIVE

PROPERTY OWNER

Escambia County BOCC

221 Palafox Pl Ste 420

Pensacola, Fl 32502

MINIS SLADO SUNS SUNS SUMBINISMO SI ACCORDINICE VICEI SUN LANIAS SUCCESA. COUNTS MICHAELL, GEOGRAPHIA

MY INCHESCE TO IDOY COMBIND CONTINUES FOR ROLD AND INDIE COMBINERING ACHT EXECUT, DOUBLE I, COMBIL INCHESCHE AND COMBINER, CHIL IN EXCLUDIO NO NOY ARRENMANTE TO ARY CONTINUES NATURAL EXCUSION OF COMBINER LITTLE IN THE RANG OR INLAND DOCUMENTS OR THE INCHESC COUNTY TRANSCIL

COMMISSIONERS

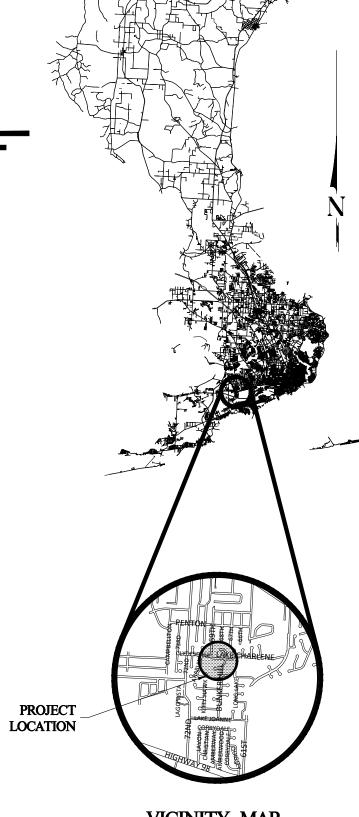
DISTRICT ONE JEFF BERGOSH

DISTRICT TWO DOUG UNDERHILL

DISTRICT THREE LUMON MAY

DISTRICT FOUR ROBERT BENDER

DISTRICT FIVE STEVEN BARRY



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GENERAL NOTES:

- ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE ESCAMBIA COUNTY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.
- ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.
- 3. COMPLIANCE OF NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 4. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
- 5. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY ESCAMBIA COUNTY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
- 6. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.
- 8. EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
- ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST FOITION.
- ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- 11. ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.
- 12. EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R.O.W. LIMITS BY THE CONTRACTOR AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- 13. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT WHEN POSSIBLE. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY IF POSSIBLE.
- 14. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- 15. ONLY ACCESS TO THE ROAD R.O.W. AS SHOWN IS GUARANTEED BY THE COUNTY. PRIVATE R.O.W. REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE COUNTY.
- 16. VEGETATION ON R.O.W. AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.
- 17. GRADED AGGREGATE BASE SHALL BE REQUIRED FOR ROADWAYS UNLESS OTHERWISE SHOWN.
- 18. ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE NOTED IN PLANS. REMOVAL OF ANY TREES OR SHRUBS SHALL BE COORDINATED WITH HOME OWNER PRIOR TO REMOVAL. ALL PROPOSED SOD SHALL MATCH EXISTING TYPE OR AS SPECIFIED WITHIN THE PLANS.
- ALL COMPACTED FILL SHALL BE PLACED IN LAYERS OR LIFTS NOT MORE THAN 12" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 8" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND—OPERATED TAMPERS.
- 20. MAINTENANCE OF TRAFFIC AS PER FDOT INDEX 600.
- 21. ALL SPEED BUMPS THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED TO THE LATEST ESCAMBIA COUNTY DESIGN SPECIFICATIONS. ALL COSTS FOR REPLACEMENT OF SAID SPEED BUMPS SHALL BE INCIDENTAL TO OTHER ITEMS AND NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED.
- 22. IF DAMAGED AND/OR REQUIRED TO BE REPLACED AS INDICATED ON THE PLANS, ALL EXISTING MAILBOXES SHALL BE REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH POSTAL REQUIREMENTS AND IN ACCORDANCE WITH ESCAMBIA COUNTY TECHNICAL SPECIFICATION, FDOT DESIGN STANDARDS AND UNITED POSTAL REQUIREMENTS. ALL EXISTING BRICK MAILBOXES WITHIN LIMITS OF CONSTRUCTION OR COUNTY RIGHT OF WAY SHALL BE REMOVED AND PLACED ON THE PROPERTY LINE OF THE OWNER. CONTRACTOR SHALL REPLACE EXISTING BRICK MAILBOX WITH APPROVED PLASTIC BREAK AWAY MAILBOX.
- 23. THE CONTRACTOR SHALL, AT A MINIMUM, MATCH EXISTING SIGNING AND PAVEMENT MARKINGS. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS. THE CONTRACTOR SHALL CONTACT THE COUNTY TRAFFIC DEPARTMENT PRIOR TO INSTALLATION OF ANY SIGNING AND PAVEMENT MARKINGS.
- 24. WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(1), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO ANY EXCAVATION.
- 25. PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.

- 26. IF ARCHAEOLOGICAL MATERIAL/PREHISTORIC ARTIFACTS SUCH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME, THE PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE APPLICANT/RECIPIENT, OR OTHER DESIGNEE, SHOULD CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AND THE DSH/FEMA REGION IV ENVIRONMENTAL OFFICER AND FDEM STATE ENVIRONMENTAL LIAISON OFFICER FOR FURTHER GUIDANCE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES.
- 27. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05.
- 28. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
- 29. CONTRACTOR SHALL OBTAIN COUNTY APPROVED CHANGE ORDER PRIOR TO PERFORMING ANY ADDITIONAL WORK.
- 30. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
- 31. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY (DRC) "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND ACCEPTANCE, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
- 32. IF APPLICABLE, ALL SIDEWALKS, SHARED PATH WALKWAYS, AND CURB RAMPS ARE TO BE BUILT TO ADA STANDARDS USING THE LATEST EDITION OF THE FDOT STANDARD PLANS, ADA REQUIREMENTS, AND PUBLIC RIGHTS OF WAY ACCESSIBILTY GUIDELINES (PROWAG).
- 33. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850)595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/ APPROVAL.
- 34. IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:

S. GARY RUTAN, PLS SURVEY MANAGER JEHLE-HALSTEAD, INC. 5414 HIGHWAY 90 MILTON, FL 32571 PH: 850.994.9503 X103

STORMWATER MAINTENANCE NOTES:

- 1. THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY FDOT INDEX 102, THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2000 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.
- THE EXISTING STORMWATER INFRASTRUCTURE SHALL BE MAINTAINED AS NECESSARY IN ORDER TO PROVIDE FOR CONTINUED OPERATION AS ORIGINALLY INTENDED.
- THE OWNER SHALL KEEP ALL PONDS, INLETS, FLUMES, AND/OR SWALES FREE OF ACCUMULATED DEBRIS, SILTATION, AND OTHER OBJECTIONABLE MATERIALS THAT WOULD AFFECT THEIR OPERATION.
- 4. THE SCHEDULE FOR SUCH MAINTENANCE ACTIVITIES SHALL BE ON AN AS-NEEDED BASIS, DEPENDING ON THE RATE OF DEBRIS ACCUMULATION, GRASS AND VEGETATION GROWTH AND OTHER VARYING CONDITIONS.
- IN GENERAL, THE PROCEDURES AND SCHEDULE OF MAINTENANCE ACTIVITIES SHALL CONFORM TO THE STANDARD OPERATIONAL AND MAINTENANCE PROVISIONS AS UTILIZED BY ESCAMBIA COUNTY, FLORIDA, IN ITS MAINTENANCE OF PUBLIC STORMWATER FACILITIES.
- FAILURE TO COMPLY AND CONTINUALLY MAINTAIN ALL APPROVED ELEMENTS OF AN APPROVED SITE PLAN, INCLUDING LANDSCAPE, APPEARANCE AND OTHER SITE DEVELOPMENT PERFORMANCE STANDARDS SHALL BE A VIOLATION OF COUNTY ORDINANCE SUBJECT TO ENFORCEMENT AND PENALTIES.

IN EVENT THAT THE ESCAMBIA COUNTY PROJECT NOTES AND INFORMATION CONFLICTS WITH THE ENGINEER'S PROJECT SPECIFIC NOTES AND INFORMATION (SHEET 3 OF 8), THE MOST STRINGENT REQUIREMENT SHALL APPLY.

UTILITY NOTES:

- 1. THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
- UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES. KNOWN UTILITIES OWNERS INCLUDE:

ELECTRIC - GULF POWER

MILTON, FL. 32570 PH: (850) 429-2446

PENSACOLA, FL. 32504 PH: (850) 857-4564

ORLANDO, FL. 32809 PH: (800) 432-4770

7200 LAKE ELLENOR DRIVE, SUITE 200

5120 DOGWOOD DRIVE

CABLE - COX CABLE

2421 EXECUTIVE PLAZA

SUNSHINE STATE ONE-CALL

MR. TROY YOUNG

MR. CHAD SWAILS

SEWER/WATER - EMERALD COAST UTILITY AUTHORITY MR. BRANDON KNIGHT P.O. BOX 15311 PENSACOLA, FL. 32514 PH: (850) 698-4609

NATURAL GAS — ENERGY SERVICES OF PENSACOLA MRS. DIANE MOORE

1625 ATWOOD DRIVE PENSACOLA, FL. 32514 PH: (850) 474-5319

TELEPHONE — AT&T MR. JONATHAN M. BLANKINCHIP 605 WEST GARDEN STREET PENSACOLA, FL. 32502 PH: (850) 436–1489

MRS. JOHNNY PETTIGREW
3363 WEST PARK PLACE
PENSACOLA, FL. 32505 PH:(850) 595-3404

TRAFFIC DEPARTMENT - ESCAMBIA COUNTY PUBLIC WORKS

 AT&T FLORIDA WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM - 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORK.

- . ALL CABLE DAMAGE MUST BE REPORTED TO THE AT&T FLORIDA REPAIR SERVICE DEPARTMENT AT 611 FROM A LAND LINE OR 877-737-2478 IF USING A CELL PHONE.
- 5. ALL LOOP DETECTOR INSTALLATION SHALL BE DONE AS PER FDOT INDEX 17781.
- CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
- 7. UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.
- 8. MOST IF NOT ALL OF ECUA'S WATER METERS, VALVE BOXES, AND SEWER MANHOLES ARE DEPICTED ON PLANS.
- 9. AT LEAST 1 WEEK PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT ECUA'S REGIONAL SUPERVISOR MIKE LAMBERT (698-4613) TO COMMUNICATE THE NUMBER AND LOCATION OF METERS REQUIRING RELOCATION AND VALVE BOXES REQUIRING ADJUSTMENT (IF ANY). IF MANHOLES REQUIRE ADJUSTMENT, CONTRACTOR SHALL ALSO CONTACT ECUA'S MANHOLE COORDINATOR, EDDIE CARTER (698-9272) TO COMMUNICATE THE NUMBER AND LOCATION OF MANHOLES REQUIRING ADJUSTMENT.
- 10. ON METER RELOCATIONS, CTS COUPLINGS WITH INSERTS CAN BE USED ON WATER SERVICE TUBING UNDER SIDEWALKS AND GRASS, BUT NOT UNDER PAYEMENT. CONTRACTOR SHALL DISCUSS ANY ADDITIONAL TECHNICAL REQUIREMENTS OF THE REQUIRED WORK ON ECUA FACILITIES WITH THE APPROPRIATE PERSONS LISTED IN NOTE 2.
- 11. UPON COMPLETION OF ALL WORK ON ECUA FACILITIES, CONTRACTOR SHALL CONTACT ECUA PERSONNEL IN NOTE 2 AND INQUIRE FROM THE ECUA PERSONNEL ABOUT POTENTIAL INSPECTIONS OF THE RELOCATIONS AND/OR ADJUSTMENTS AND SHALL CORRECT ANY DEFICIENCIES AS NOTED DURING INSPECTIONS WITHIN ONE WEEK OF INSPECTIONS.

STORMWATER NOTES:

- NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
- IF APPLICABLE, RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY
 CONSTRUCTION ACTIVITIES WHICH INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL
 STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE
 EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
- 3. ALL DISTURBED AREAS. WHICH ARE NOT PAVED, SHALL BE STABILIZED WITH CENTIPEDE SOD.
- 4. IF APPLICABLE, AT THE END OF CONSTRUCTION, WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO THE REQUEST FOR INSPECTION, THE DEVELOPER/CONTRACTOR SHALL RESHAPE TO MATCH PLAN, CLEAN OUT ACCUMULATED SILT, AND PERMANENTLY STABILIZE THE STORMWATER MANAGEMENT FACILITY.
- . ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO CONSTRUCTION.



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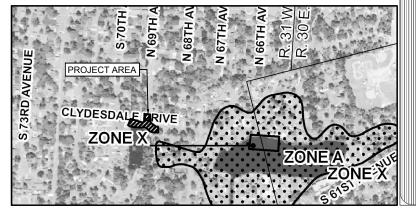
- THE EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE; THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS HORIZONTALLY AND VERTICALLY PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT FLORIDA SUNSHINE ONE CALL FOR UTILITY LOCATES PRIOR TO CONSTRUCTION (811) AND CONTACT ALL RIGHT-OF-WAY USERS AND ESCAMBIA COUNTY PUBLIC WORKS A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 2. AT&T REQUIRES 96 HOURS ADVANCE NOTICE OF ANY EXCAVATION WORK REQUIRING THEIR FORCES TO BE ON SITE TO PROTECT/ADJUST THEIR FACILITIES. NOTIFICATION SHALL BE SENT IN WRITING TO JONATHAN M. BLANKENCHIP AT < ib966p@att.com >. NOTIFICATION SHALL INCLUDE THE PROJECT NAME/NUMBER, AN ON-SITE CONTACT'S
- 3. THE CONTRACTOR SHALL USE CAUTION DURING CONSTRUCTION TO AVOID DAMAGE TO ALL EXISTING UTILITIES. IF RELOCATION IS REQUIRED OTHER THAN INDICATED ON THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 4. ANY WATER AND SEWER INTERRUPTIONS SHALL BE COORDINATED WITH ECUA. ALL OTHER UTILITY INTERRUPTIONS SHALL BE COORDINATED THROUGH THE APPROPRIATE UTILITY.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL OSHA TRENCH EXCAVATION SAFETY REQUIREMENTS TO ACCOMMODATE THE METHOD OF CONSTRUCTION CHOSEN BY
- THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTENANCE OF TRAFFIC (MOT) FOR APPROVAL BY ESCAMBIA COUNTY PUBLIC WORKS. THE PROJECT SHALL BE STAGED TO ALLOW MINIMAL INTERRUPTION TO RESIDENT AND SCHOOL BUS TRAFFIC. THE CONTRACTOR SHALL NOTIFY ALL EMERGENCY SERVICES, LAW ENFORCEMENT, SCHOOL TRANSPORTATION, ECAT, ETC. OF DETOURS AND SCHEDULED ROADWAY CLOSURES. THE DETOURS AND ROADWAY CLOSURE SCHEDULES SHALL BE MADE AVAILABLE TO THE LOCAL MEDIA FOR PUBLIC NOTIFICATION. LOCAL RESIDENTS SHALL BE NOTIFIED AT MINIMUM OF ONE (1) WEEK PRIOR TO ANY ROADWAY CLOSURES WHICH WOULD IMPEDE

- 9. THE WATER QUALITY UNIT SHOWN ON THE PLANS REFERS TO A <u>CONTECH CDS STORMWATER TREATMENT UNIT MODEL CDS5668-10-C</u>; HOWEVER, THE CONTRACTOR HAS THE OPTION OF PROVIDING AN EQUIVALENT UNIT AS STATED IN THE PLANS. IF THE CONTRACTOR DECIDES TO UTILIZE AN EQUIVALENT UNIT, THEY SHALL PROVIDE THE ENGINEER AND COUNTY WITH FINAL DESIGN AND SUBMITTAL DOCUMENTATION FOR REVIEW AND APPROVAL PRIOR TO ORDERING THE WATER QUALITY UNIT.
- 11. ALL HERITAGE TREES ARE TO BE PROTECTED, NO LIMBS ARE TO BE CUT AND NO EQUIPMENT WILL BE ALLOWED TO OPERATE WITHIN HERITAGE TREE CANOPIES WITHOUT PRIOR
- 12. TURBIDITY CURTAIN SHALL BE INSTALLED IN DUPLICATE AT DOWNSTREAM LOCATION WHERE WATER IS DISCHARGED INTO BEFORE PUMPING IS ALLOWED.
- 13. THE CONTRACTOR MAY UTILIZE THE FULL R.O.W. ADJACENT TO THE PROJECT LIMITS FOR STAGING AND/OR STOCKPILING PROVIDED THAT ACCESS TO AT LEAST ONE DRIVE
- 14. THE CONTRACTOR SHALL PROVIDE STORMWATER SEDIMENT AND EROSION CONTROL FOR THE CONSTRUCTION SITE AS NECESSARY TO COMPLY WITH ALL GOVERNMENTAL REQUIREMENTS. THE METHODS SHOWN WITHIN THE PLANS ARE A MINIMAL EFFORT WHICH MAY NEED TO BE ALTERED AND/OR EXPANDED TO SATISFY PROJECT SPECIFIC NEEDS OR UNDER THE DIRECTION OF THE COUNTY. THE ENGINEER OR OTHER OFFICIAL AGENCIES HAVING JURISDICTION. ALL INLETS SHALL HAVE PROTECTION INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAINED OR REPLACED AFTER EACH RAIN EVENT. THE CONTRACTOR SHALL INCLUDE COMPLIANCE WITH THESE REQUIREMENT
- 15. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE PROVIDING A PLAN APPLICABLE TO THE CONTRACTOR'S METHOD OF CONSTRUCTION, APPROVAL AND PERMITTING BY THE ESCAMBIA COUNTY PUBLIC WORKS. INCLUDE ALL COSTS ASSOCIATED WITH THESE REQUIREMENTS IN THE BID PACKAGE.
- 16. AT THE COMPLETION OF THE PROJECT AND PRIOR TO THE FINAL INSPECTION, THE CONTRACTOR SHALL PROVIDE ESCAMBIA COUNTY PUBLIC WORKS A "REDLINE MARK-UP" SET OF AS-BUILT DRAWINGS SHOWING ALL UTILITIES UNCOVERED, RELOCATED OR OTHERWISE ALTERED DURING THE COURSE OF WORK, AS-BUILT DRAWINGS SHALL BE CLEAN, NEAT, AND LEGIBLE, CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAWINGS STRUCTURES, DIMENSIONS, ETC, THESE RECORD DRAWINGS SHALL BE PROVIDED TO ESCAMBIA COUNTY PUBLIC WORKS AT THE END OF CONSTRUCTION AND PRIOR TO FINAL INSPECTION.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING MATERIAL DOES NOT SPILL, LEAK, OR FALL FROM TRUCKS HAULING MATERIAL TO OR AWAY FROM SITE. INCLUDING MATERIAL FALLING FROM TIRES. SHOULD THE STATE OR COUNTY REQUIRE SWEEPING AND CLEANING OF ROADWAYS DUE TO THE ABOVE, THE SAME SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY FINES DUE TO THE ABOVE.
- 18. THE CONTRACTOR SHALL FLUSH AND CLEAN ALL STORMWATER PIPES AND STRUCTURES AT END OF CONSTRUCTION AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- 19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFF SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
- 20. UN-FILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER. ALL DEWATERING ACTIVITIES SHALL MEET FDEP REQUIREMENTS AND GUIDELINES AND SHALL BE INCLUDED IN CONTRACTOR'S BID.
- 21. THE CONTRACTOR'S MEANS AND METHODS OF GROUNDWATER DEWATERING SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS FOR THE TEMPORARY DIVERSION OF GROUNDWATER AND ITS DISCHARGE, INCLUDING FDEP CHAPTER 62-621 "GENERAL PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SILT ACTIVITY".
- 22. DEWATERING MAY CONSIST OF DITCHING, WELL POINTS, OR OTHER MEANS; HOWEVER, GROUNDWATER CONTROL MEANS AND METHODS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 23. AT A MINIMUM, THE CONTRACTOR SHALL LOWER ENCOUNTERED GROUNDWATER TABLE TO A DEPTH OF AT LEAST 2' BELOW BEARING LEVELS AND EXCAVATION BOTTOMS.
- 24. ALL ITEMS OF PRIVATE PROPERTY LOCATED WITHIN THE COUNTY R.O.W. SHALL BE PROTECTED AND/OR RELOCATED TO THE COUNTY'S SATISFACTION AS PART OF THE PROJECT. SUCH ITEMS SHALL INCLUDE, BUT NOT BE LIMITED TO, IRRIGATION SYSTEMS, MAIL BOXES, SIGNS, LANDSCAPE, PLANTER BEDS/BOXES, YARD DRAINS, ETC., AND SHALL BE COORDINATED AND ADDRESSED IN A TIMELY AND PROFESSIONAL MANNER. ITEMS REQUIRING REPLACEMENT SHALL BE OF EQUAL OR BETTER QUALITY.
- 25. THE CONTRACTOR SHALL PROVIDE THE COUNTY ENGINEER WITH THE PROPOSED METHOD OF SHORING/PROTECTION FOR REVIEW AND APPROVAL. VIBRATORY OR IMPACT HAMMERING SHALL NOT BE ALLOWED AS A MEANS OF TRENCH SHORING/PROTECTION INSTALLATION.
- 26. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ADEQUATE AND PROPER BY-PASSES/"PUMP AROUNDS" FOR THE EXISTING STORMWATER DRAINAGE SYSTEM TO ENSURE THEY OPERATE AS ORIGINALLY INTENDED THROUGHOUT CONSTRUCTION AND PROPOSED METHODS SHALL BE APPROVED BY THE COUNTY PRIOR TO IMPLEMENTATION.

FLOOD ZONE:

THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE "X" (ZONE X: MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND 2-PERCENT-ANNUAL-CHANCE FLOODPLAINS. NO BFES OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0370G, MAP REVISION DATED SEPTEMBER 29, 2006.

FLOOD ZONE (S)	NFIP COMMUNITY NUMBER*	MAP Number*	PANEL NUMBER(S)	MAP SUFFIX*	MAP REVISION DATE*
X	120080	12033C	0370	G	SEPTEMBER 29, 2006



PANEL 0370G PROGRAM **FIRM** FLOOD INSURANCE RATE MAP ESCAMBIA COUNTY. FLORIDA AND INCORPORATED AREAS PANEL 370 OF 606 (SEE MAP INDEX FOR FIRM PANEL LAYOUT) CONTAINS COMMUNITY NUMBER PANEL SUFFIX ESCAMBIA COUNTY PENSACOLA, CITY OF

> Notice to User: The Map Number shown below should b used when placing map orders; the Community Numbe shown above should be used on insurance applications for the subject community MAP NUMBER



NATIONAL

12033C0370G

MAP REVISED **SEPTEMBER 29. 2006**

Federal Emergency Management Agency

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NPDES

OSHA

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R.O.W.

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ABE	<u> </u>	<u>LEGE</u>	<u>END</u>
ADA APPROX.	AMERICANS WITH DISABILITIES ACT APPROXIMATE		PROJECT LIMITS
E ECAT	EASTING ESCAMBIA COUNTY AREA TRANSIT		SILT FENCE
ECUA ELEV.	EMEARLD COAST UTILITY AUTHORITY ELEVATION		PIT EXCAVATION LIMITS
E.O.R. EX.	ENGINEER OF RECORD EXISTING	— тР ——	TREE PROTECTION
FDEP FDOT	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FLORIDA DEPARTMENT OF TRANSPORTATION		ASPHALT MILLING LIMITS
FM FOC	FORCE MAIN FIBER OPTIC CABLE		INLET PROTECTION
GPS GR	GLOBAL POSITIONING SYSTEM GRAVITY	•	GEOTECHNICAL BORING LOCATION
INV. LF	Invert Linear feet		COUNTY TYPE "B" CURB AND GUTTER
MOT MUTCD N	MAINTENANCE OF TRAFFIC MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES NORTHING	A MARINE TO THE REPORT OF THE PARTY OF THE P	RIBBON CURB

IN EVENT THAT THE ENGINEER'S PROJECT SPECIFIC NOTES AND INFORMATION CONFLICTS WITH THE ESCAMBIA COUNTY PROJECT NOTES AND INFORMATION (SHEET 2 OF 8), THE MOST STRINGENT REQUIREMENT SHALL APPLY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

REINFORCED CONCRETE PIPE

SUBSURFACE UTILITY ENGINEERING

STORMWATER POLLUTION PREVENTION PLAN

REFERENCE

TYPICAL

WATER

RIGHT-OF-WAY

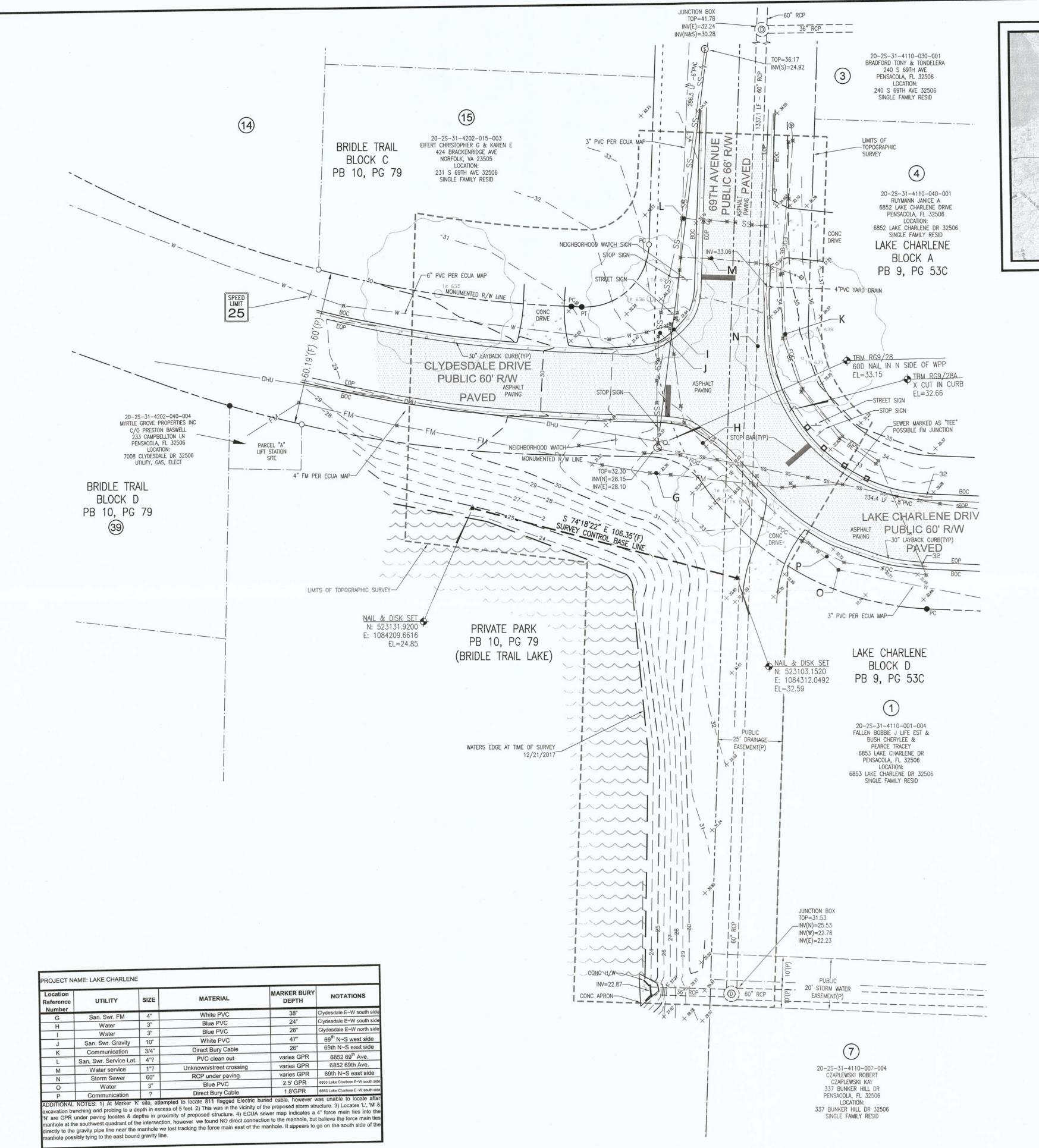
SANITARY SEWER

TEMPORARY BENCHMARK

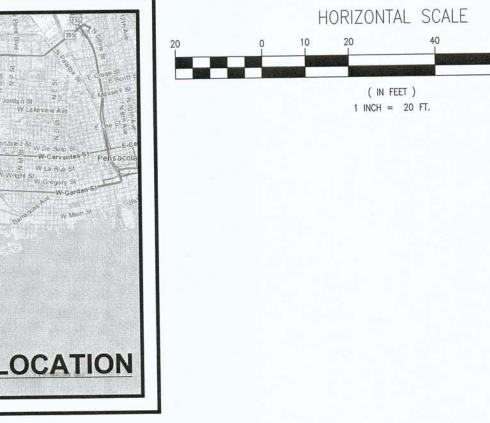
WATER QUALITY UNIT

ENGINEER'S PROJECT SPECIFIC NOTES AND INFORMATION CHARLEN LAKE (EDIMENT

SHEET 3 OF 10







VICINITY MAP

- 1. NORTH AND THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM (FLORIDA NORTH ZONE), NORTH AMERICAN DATUM OF 1983 (NAD83/90) AND WERE DERIVED UTILIZING A GLOBAL POSITIONING SYSTEM (GPS) TOPCON HIPER LITE+ DUAL FREQUENCY RECEIVER. THE RECEIVER WAS UTILIZED IN A REAL-TIME KINEMATIC (RTK) MODE; DEEDS & PLATS OF RECORD AND EXISTING FIELD
- 2. ELEVATIONS AS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND IS REFERENCED TO THE ELEVATION OF 27.59 AS SHOWN ON SHEET 1 OF 2.
- 3. MEASUREMENTS AS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS AND ARE EXPRESSED IN DECIMAL OF FEET.
- 4. VISIBLE UTILITIES WITHIN THE SURVEY LIMITS ARE AS SHOWN HERON.
- 5. THE STRUCTURE DIMENSIONS DO NOT INCLUDE THE EAVE OVERHANG OR FOUNDATION FOOTINGS.
- 6. VISIBLE IMPROVEMENTS ARE AS SHOWN HEREON.

GENERAL NOTES:

- 7. IT IS THE OPINION OF THE UNDERSIGNED SURVEYOR & MAPPER THAT THE PARCEL OF LAND SHOWN HEREON IS IN ZONE "A", SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD, NO BASE FLOOD ELEVATIONS DETERMINED, AND ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, BASED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR ESCAMBIA COUNTY, FLORIDA, COMMUNITY PANEL NUMBER 12033C0370G, EFFECTIVE DATE OF SEPTEMBER 29, 2006.
- 8. GRAPHIC SYMBOLISM FOR FEATURES SUCH AS MONUMENTATION, FENCES, TREES, TREE LINES, UTILITIES ETCETERA MAY BE EXAGGERATED IN SIZE FOR CLARITY PURPOSES. DIMENSIONS TO EXAGGERATED FEATURES WILL SUPERSEDE SCALED MEASUREMENTS.
- 9. NO TITLE SEARCH WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
- 10. THE SURVEYING BUSINESS CERTIFICATE OF AUTHORIZATION NUMBER FOR JEHLE-HALSTEAD, INC. IS LB. 7483.
- 11. THIS SURVEY DOES NOT REPRESENT NOR GUARANTEE OWNERSHIP.

—— 100 — ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS

SPECIAL UTILITY SPOT LOCATIONS

LEGE	FND:		
-	FOUND 1/2" DIA CAPPED IRON ROD ("SCHONTZ")	APPX.	APPROXIMATE LOCATION OF
•	FOUND 1/2" DIA CAPPED IRON ROD (NO. 1292)	BOC	BACK OF CURB
•	FOUND 1/2" DIA CAPPED IRON ROD (NO. 6992)	BOW	BOTTOM OF WALL
•	FOUND 1/2" DIA CAPPED IRON ROD (NO. 7073)	CONC	CONCRETE
	FOUND 1/2" DIA CAPPED IRON ROD (ILLEGIBLE)	DIA	DIAMETER
⊚ &	FOUND 1/2" DIA RED CAPPED IRON ROD (NO. 7073)	ECUA	EMERALD COAST UTILITIES AUTHORITY
0	FOUND 1/2" DIA IRON PIPE (UNNUMBERED)	EOP	EDGE OF PAVEMENT
0	FOUND 1" DIA IRON PIPE (UNNUMBERED)	EL	ELEVATION
•	FOUND 1" DIA CRIMPED IRON PIPE (UNNUMBERED)	(F)	FIELD INFORMATION
•	FOUND 1/2" DIA IRON ROD (UNNUMBERED)	FM	FORCE MAIN
0	FOUND 5/8" DIA IRON ROD (UNNUMBERED)	H/W	HEADWALL
×	FOUND X CUT IN CONCRETE	INV	INVERT
â	BENCHMARK	LF	LINEAR FEET
1.	LINE SHOWN NOT TO SCALE	NAVD 88	NORTH AMERICAN VERTICAL DATUM 1988
ν —ΩHU	OVERHEAD UTILITIES	NGVD 29	NATIONAL GEODETIC VERTICAL DATUM 1929
— W ——	BURIED WATER LINE	No.	NUMBER
- ss	SEWER LINE	(P)	PLAT INFORMATION
— FM ——	SEWER FORCE MAIN	PB	PLAT BOOK
— BE ——	BURIED ELECTRIC LINE	PC	POINT OF CURVATURE
— G ——	BURIED GAS LINE	PG	PAGE
_F0C	BURIED FIBER OPTIC LINE	PT	POINT OF TANGENCY
	SURVEY LIMITS	PVC	POLYVINYL CHLORIDE PIPE
0	STORMWATER MANHOLE	RCP	REINFORCED CONCRETE PIPE
\$	WATER METER	R/W	RIGHT-OF-WAY
×	WATER VALVE	S/W	SIDEWALK
*	FIRE HYDRANT	TBM	TEMPORARY BENCHMARK
S	SEWER MANHOLE	TOW	TOP OF WALL
TV	TELEPHONE VAULT	(TYP)	TYPICAL FEATURE
TP	TELEPHONE JUNCTION BOX	WPP	WOOD POWER POLE
CIV	BURIED CABLE TV MARKER	WFF	WOOD FOWER FOLE
a	WOOD UTILITY POLE		
\$	LIGHT POLE		
×	UTILITY SPOT LOCATION		
0	BOLLARD		
4	MAILBOX		
	WOOD POST		
	SINGLE SUPPORT SIGN		
1	LOT NUMBER		
+ 6.00	SPOT ELEVATION		
100 -	CLOVATION CONTOLID LINE		

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Date Description 2/20/18 | COUNTY COMMENTS 6/14/18 REVISED SPOT LOCATION CHART

Designed By:

Drawn By:

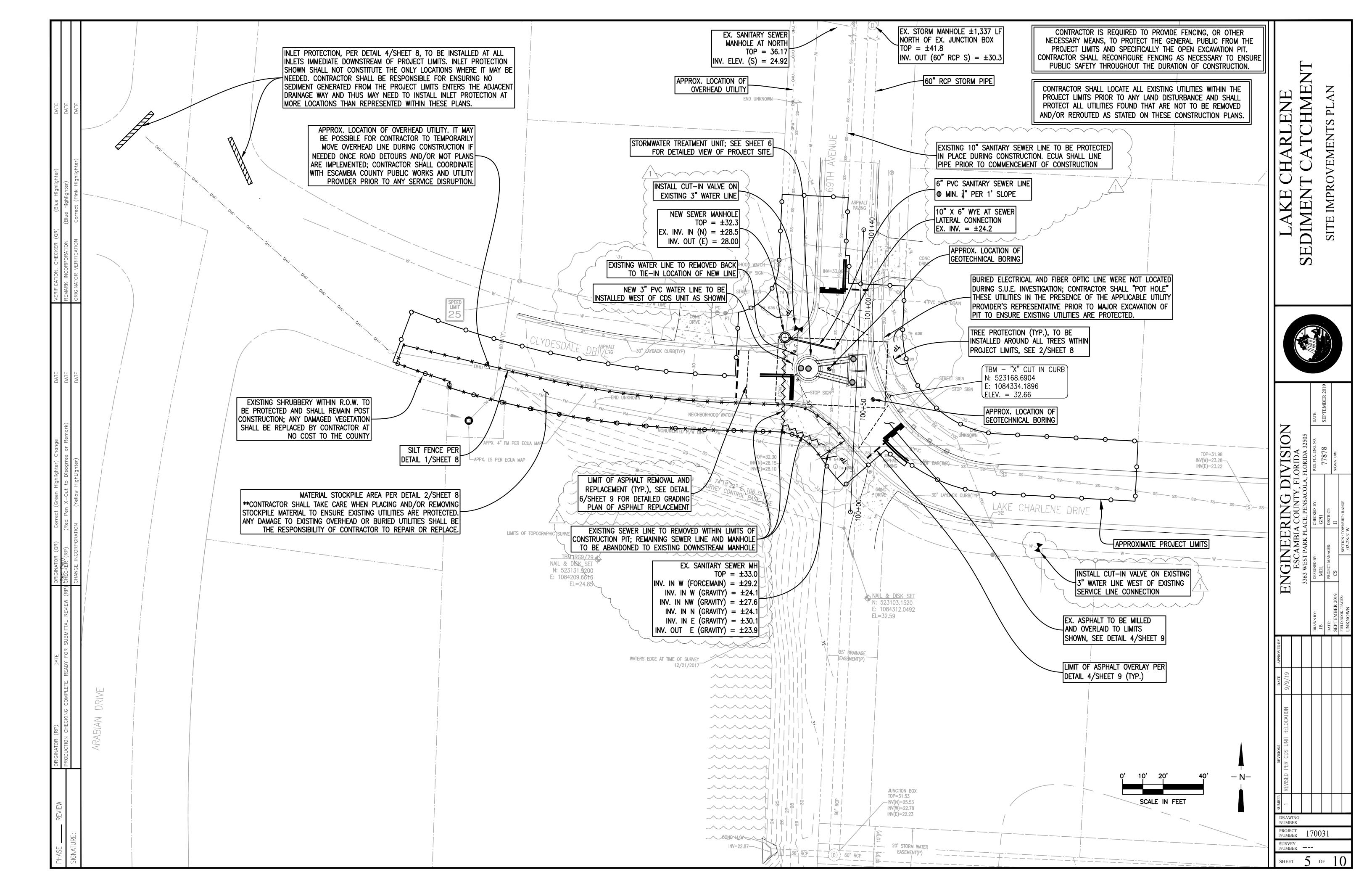
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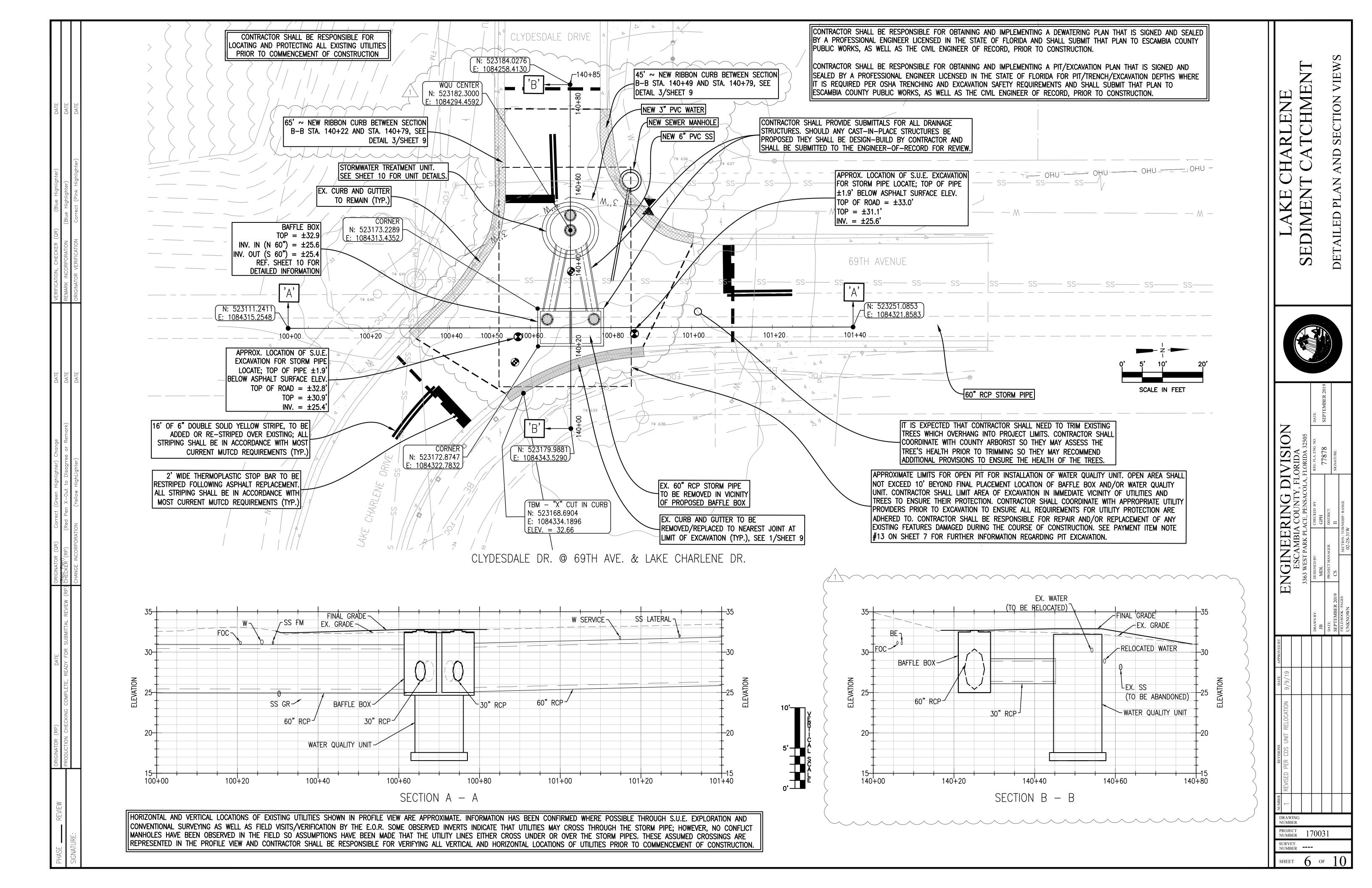
Job No.: 170031

Date: 1/22/2018

Scale: 1" = 20' FIELD DATE: 2/16/18

CREM: RG/CJ
CREM: FB RG9 PG 14-18, 23-24
FB RG9 PG 26, 39
RG10 7



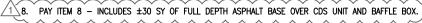


			ı				;	
EVIEW	ORIGINATOR (RP)	DATE	(QR)	Correct (Green Highlighter) Change	DATE	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE
	PRODUCTION CHECKING COMPLETE	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) CHECKER?	RP)	(Red Pen X—Out to Disagrree or Remark)	DATE	REMARK INCORPORATION (B	(Blue Highlighter)	DATE
			CHANGE INCORPORATION	(Yellow HighLighter)	DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

#	Description	Unit	Quantity	Unit Price	Amount
1	MOBILIZATION/DEMOBILIZATION/BONDS/INSURANCE/GENERAL CONDITIONS	LS	1		
2	NPDES SWPPP: EROSION CONTROL/SILTATION CONTROL/REPORTING/IMPLEMENTATION	LS	1		
3	MOT: PREPARE PLAN/NOTIFICATIONS/IMPLEMENTATION; INCLUDE VIDEO MESSAGE BOARDS (VMB)	LS	1		
4	CLEARING & GRUBBING	LS	_1		
5	EARTHWORK EXCAVATION/CUT: TO WASTE; FROM WATER QUALITY UNIT AND BAFFLE BOX INSTALLATION	CY	1 130)	
6	EARTHWORK FILL: STOCKPILE FOR FILL	CY	880		
7	DEWATERING: GENERIC PERMITTING/WATER TESTING/SEDIMENT CONTROL/TREATMENT	DAY	A 28		
8	1.5" TYPE SP-12.5 ASPHALT - PATCH AND OVERLAY	SY	1 365)	
9	PRIME COAT	SY	345		
10	UTILITY LOCATION, PROTECTION, AND COORDINATION	LS	<u> </u>		
11	REMOVE EXISTING ASPHALT, VARYING DEPTH (2-3" EXPECTED)	SY	1 280)	
12	SAW CUT EXISTING ASPHALT	LF	170		
13	12" STABILIZED SUBGRADE	SY	1 255)	
14	6" GRADED AGGREGATE BASE	SY	255	ĺ	
15	TEMPORARY 6" DOUBLE SOLID STRIPE, WHITE OR YELLOW: MATCH EXISTING	LF	48		
16	TEMPORARY STOP BAR: MATCH EXISTING	LF	△ 36		
17	1.5" ASPHALT MILLING	SY	1 85)	
18	6" DOUBLE SOLID STRIPE, WHITE OR YELLOW: MATCH EXISTING	LF	48		
19	THERMOPLASTIC STOP BAR	LF	△ 36		
20	COUNTY TYPE "B" CURB	LF	7 7 90)	
21	REMOVE EXISTING CONCRETE CURBING	LF	200		
22	EXCAVATION CONTAINMENT MEANS MEETING OSHA SAFETY STANDARDS	LS	1		
23	WATER QUALITY UNIT: IN PLACE (INCLUDING MODIFICATIONS TO EXISTING SYSTEM AND BAFFLE BOX)	LS	<u></u>		
24	30" RCP PIPE	LF	1 34)	
25	60" RCP PIPE	LF	16		
26	BEDDING STONE (UNDER WATER QUALITY UNIT AND BAFFLE BOX)	CY	50		
27	PIPE REMOVAL, 36" AND LARGER	LF	32		
28	SAFETY FENCE: AS NEEDED FOR PROJECT LIMIT DELINEATION AND TREE PROTECTION, MAY INCLUDE BARRIERS OF OTHER TYPES AS WELL	LF	1,000		
29	SODDING: CENTIPEDE	SY	600		
30	REMOVAL AND REPLACEMENT OF DAMAGED COUNTY TYPE "B" CURB AND GUTTER AND/OR DRIVEWAYS	СҮ	35		
31	1' RIBBON CURB	LF	110	\	
32	CHANGE ORDER #2 - ADDITIONAL WORK	LS	1)	

PAYMENT ITEM NOTES:

- 1. CONTRACTOR SHALL CONSTRUCT THIS PROJECT IN ONE (1) PHASE.
- 2. PAY ITEM 2 INCLUDE EROSION AND SEDIMENT CONTROL MEASURES SUCH AS, BUT NOT LIMITED TO, SILT FENCE FOR STOCKPILE PROTECTION, INLET PROTECTION WATTLES, TEMPORARY SEEDING/MULCHING, TURBIDITY CURTAIN, PUMP AROUND, INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY MEASURES AS WELL AS ALL APPLICATION/PERMITTING FEES, INSPECTION SERVICES, AND REPORTING FOR NPDES COMPLIANCE. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN WITHIN THESE PLANS ARE A MINIMUM; IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT AN APPROPRIATE PLAN WITH METHODS AND PROCEDURES THAT ENSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS/REQUIREMENTS.
- 3. PAY ITEM 3 VMB'S TO BE INSTALLED 7 DAYS PRIOR TO DETOURS.
- 4. PAY ITEM 4 INCLUDED FOR TREE PRUNING AS NECESSARY FOR INSTALLATION OF PROPOSED STORMWATER INFRASTRUCTURE AND
 MAINTENANCE/REPAIR/REPLACEMENT OF DAMAGED VEGETATION WITHIN DISTURBED PROJECT LIMITS. CLEARING AND GRUBBING IS A LUMP SUM PAY ITEM FOR THIS
 PROJECT AND SHOULD BE BASED ON ALL TREE/VEGETATION PRUNING AND ANY TREES/VEGETATION WHICH MAY NEED TO BE REMOVED. THE CONTRACTOR SHALL
 FAMILIARIZE THEMSELVES WITH THE AMOUNT, LOCATION, NECESSARY PRUNING, AND SIZE OF TREES/VEGETATION TO BE REMOVED PRIOR TO BIDDING. ALL
 DEMOLITION ITEMS IN PROJECT NOT NOTED AS SEPARATE LINE ITEMS SHALL BE INCLUDED IN THE COST FOR CLEARING AND GRUBBING.
- 5. PAY ITEM 5 DOES NOT INCLUDE ANY SHRINK OR SWELL FACTORS. IT IS THE EARTHWORK CUT WITHIN THE EXISTING R/W'S FOR THE WATER QUALITY UNIT, BAFFLE BOX, STORM PIPE, AND BEDDING STONE INSTALLATION. EXCESS SOIL MATERIAL SHALL BE REMOVED FROM THE SITE.
- 6. PAY ITEM 6 IS FILL SECTIONS WITHOUT SHRINK/SWELL FACTORS AND IS ON-SITE SOIL MATERIALS.
- 7. PAY ITEM 7 INCLUDES DEWATERING FOR ALL CONSTRUCTION TO INCLUDE, BUT NOT BE LIMITED TO, BY—PASS AND/OR PUMP AROUND FOR STORMWATER FLOWS THROUGH EXISTING PIPE, NEW STORMWATER INFRASTRUCTURE INSTALLATION, AND ROADWAY CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND IMPLEMENTING A DEWATERING PLAN THAT IS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA AND SHALL SUBMIT THAT PLAN TO ESCAMBIA COUNTY PUBLIC WORKS, AS WELL AS THE CIVIL ENGINEER OF RECORD, PRIOR TO CONSTRUCTION.



- 9. PAY ITEM 11 INCLUDES THE ROADWAY REMOVAL. REFER TO GEOTECHNICAL INVESTIGATIONS FOR VARYING ASPHALT THICKNESS.
- 10. PAY ITEMS 15 AND 16 SHALL CONSIST OF TEMPORARY ASPHALT PAINT TO MATCH EXISTING CONDITIONS. THERMOPLASTIC FINAL SHALL BE APPLIED AS DETAILED IN THE PLANS FOLLOWING 30 DAYS AFTER FINAL ASPHALT PLACEMENT.
- 11. ALL STORMWATER STRUCTURES SHALL BE COMPLETE UNITS WITH TOPS, FRAMES, COVERS, ETC. AND PROPERLY SIZED BOTTOM STRUCTURES TO ACCEPT THE EXISTING INCOMING AND OUTGOING PIPES. FOUNDATIONS SHALL BE FIRM AND NON-YIELDING. SEE GEOTECHNICAL REPORTS FOR ADDITIONAL INFORMATION.
- 12. NOTE THAT ONLY MINOR PAY ITEMS EXIST FOR ADJUSTMENT OF UTILITIES. THE UTILITY COMPANIES ARE RESPONSIBLE FOR UTILITY RELOCATIONS IN COOPERATION WITH THE CONTRACTOR.
- 13. PAY ITEM 20 LOCATION OF KNOWN CURB REPLACEMENT HAS BEEN SHOWN ON PLANS. CONTRACTOR SHALL USE PAY ITEM 30 FOR ADDITIONAL QUANTITIES OF REPLACEMENT OF DAMAGED CURB AND GUTTER DUE TO CONSTRUCTION OPERATIONS.
- 14. PAY ITEM 22 IN FEDERAL REGISTER, VOLUME 54, NO. 209 (OCTOBER 1989), THE UNITED STATES DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AMENDED ITS "CONSTRUCTION STANDARDS FOR EXCAVATIONS, 29 CFR, PART 1926, SUBPART P". THIS DOCUMENT WAS ISSUED TO BETTER ALLOW FOR THE SAFETY OF WORKERS ENTERING TRENCHES OR EXCAVATIONS. IT IS MANDATED BY THIS FEDERAL REGULATION THAT EXCAVATIONS, WHETHER THEY BE UTILITY TRENCHES, BASEMENT EXCAVATIONS OR FOOTING EXCAVATIONS, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW OSHA GUIDELINES. IT IS OUR UNDERSTANDING THAT THESE REGULATIONS ARE BEING STRICTLY ENFORCED AND IF THEY ARE NOT CLOSELY FOLLOWED, THE OWNER AND THE CONTRACTOR COULD BE LIABLE FOR SUBSTANTIAL PENALTIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE, TEMPORARY EXCAVATIONS AND SHOULD SHORE, SLOPE, OR BENCH THE SIDES OF THE EXCAVATIONS AS REQUIRED TO MAINTAIN STABILITY OF BOTH THE EXCAVATION SIDES AND BOTTOM. THE CONTRACTOR'S "RESPONSIBLE PERSON", AS DEFINED IN 29 CFR PART 1926, SHOULD EVALUATE THE SOIL EXPOSED IN THE EXCAVATIONS AS PART OF THE CONTRACTOR'S SAFETY PROCEDURES. IN NO CASE SHOULD SLOPE HEIGHT, SLOPE INCLINATION, OR EXCAVATION DEPTH, INCLUDING UTILITY TRENCH EXCAVATION DEPTH, EXCED THOSE SPECIFIED IN ALL LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS.
- 15. PAY ITEM 22 CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND IMPLEMENTING A PIT/EXCAVATION PLAN THAT IS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA FOR PIT/TRENCH/EXCAVATION DEPTHS WHERE IT IS REQUIRED PER OSHA TRENCHING AND EXCAVATION SAFETY REQUIREMENTS AND SHALL SUBMIT THAT PLAN TO ESCAMBIA COUNTY PUBLIC WORKS, AS WELL AS THE CIVIL ENGINEER OF RECORD, PRIOR TO CONSTRUCTION.
- 16. PAY ITEM 22 INCLUDE INSTALLATION AND REMOVAL OF ANY STRUCTURAL EQUIPMENT USED.
- 17. PAY ITEM 23 TO INCLUDE INSTALLED COST OF WATER QUALITY UNIT AND BAFFLE BOX.
- 18. PAY ITEM 24 BEDDING STONE SHALL BE INCIDENTAL TO PIPE INSTALLATION.
- 19. PAY ITEM 25 ESTIMATED BASED ON POSSIBLE NEED TO REPLACE A LENGTH OF PIPE UPSTREAM AND DOWNSTREAM OF BAFFLE BOX TO ACCOMMODATE INSTALLATION. BEDDING STONE SHALL BE INCIDENTAL TO PIPE INSTALLATION.
- 20. PAY ITEM 26 TO INCLUDE BEDDING UNDER WATER QUALITY UNIT AND BAFFLE BOX ONLY; IF BEDDING STONE IS NEEDED UNDER NEW PIPING IT SHALL BE INCIDENTAL TO PIPE INSTALLATION.
- 21. PAY ITEM 28 CONTRACTOR IS REQUIRED TO PROVIDE FENCING, OR OTHER NECESSARY MEANS, TO PROTECT THE GENERAL PUBLIC FROM THE PROJECT LIMITS AND SPECIFICALLY THE OPEN EXCAVATION PIT; CONTRACTOR IS ALSO REQUIRED TO PROVIDE FENCING FOR PROTECTION OF TREES IN AND AROUND THE PROJECT LIMITS. PAY ITEM SHALL INCLUDE INSTALLATION, REMOVAL, MAINTENANCE, AND RECONFIGURATION AS NECESSARY TO ENSURE PUBLIC SAFETY AND TREE PROTECTION THROUGHOUT THE DURATION OF CONSTRUCTION.
- 22. PAY ITEM 29 INCLUDES AREAS DISTURBED FOR STAGING AND/OR STOCKPILING AS WELL AS STABILIZATION OF ALL OTHER DISTURBED AREAS WITHIN PROJECT LIMITS PRIOR TO COMPLETION OF CONSTRUCTION.
- 23. PAY ITEM 30 IS NOT SHOWN WITHIN THE PLANS BUT IS INCLUDED FOR REPLACEMENT OF EXISTING CURB AND GUTTER AND/OR DRIVEWAYS NOT SPECIFICALLY INCLUDED UNDER OTHER PAY ITEMS THAT MAY BECOME DAMAGED DURING CONSTRUCTION DUE TO UNFORSEEN CONDITIONS OF THE CONSTRUCTION PROCESS BUT MOT DUE TO NEGLIGENCE OF THE CONTRACTOR AND/OR HIS SUBCONTRACTORS. IT IS THE INTENT OF THE DESIGN THAT NO OTHER CURB AND GUTTER (OTHER THAN WHAT IS TO BE INCLUDED UNDER PAY ITEM 20) OR DRIVEWAYS ARE TO BE DAMAGED OR ALTERED IN ANYWAY; THEREFORE, CONTRACTOR SHALL BE REQUIRED TO OBTAIN APPROVAL FROM ESCAMBIA COUNTY PUBLIC WORKS PRIOR TO UTILIZING PAY ITEM 30. UTILIZATION OF PAY ITEM PRIOR TO APPROVAL WILL NOT BE COMPENSATED FOR BY ESCAMBIA COUNTY. THERE ARE NO DRIVEWAYS WITHIN THE CONFINES OF THE APPROVED PROJECT LIMITS AND SHALL NOT BE USED FOR ANY STAGING OR STOCKPILING OPERATIONS. IF PAY ITEM UTILIZATION IS APPROVED, CONCRETE SHALL BE 3,000 PSI WITH FIBER REINFORCEMENT. THICKNESS SHALL, AT A MINIMUM, MATCH EXISTING BUT SHALL BE APPROVED BY ESCAMBIA COUNTY PUBLIC WORKS PRIOR TO PLACEMENT. PAY ITEM SHALL INCLUDE REMOVAL AND DISPOSAL OF EXISTING DAMAGED IMPROVEMENT(S), SITE PREP, AND PLACEMENT OF NEW BASE MATERIAL ALONG WITH THE FINISHED CONCRETE TO ESCAMBIA COUNTY PUBLIC WORKS SPECIFICATIONS.

1 24. PAY ITEM 32 - TO INCLUDE ALL ADDITIONAL ITEMS FROM CHANGE ORDER #2 NOT CAPTURED IN REVISED QUANTITIES.



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FAV TEMS REVISED 9/9/19 ENGINEER REVISED 9/9/19 ENGINEER REVISED 9/9/19 ESCAMBIA COUNTY, FLORIDA ESCAMBIA COUNTY, FLORIDA 32605 ESCAMBIA SECTION SEC

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