

F:\projects\2017\170031 - Lake Charlene Sediment Catchment\000\Working Files\02 Plans\Cover Sheet.dwg, Sep 10, 2019 - 3:33:00PM, mlynch



PLANS PREPARED BY:



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### 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

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE LATEST ESCAMBIA COUNTY  
TECHNICAL SPECIFICATIONS.

ANY REFERENCE TO NOT REQUIRED SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION,  
LATEST EDITION, EDITION 1, GENERAL REQUIREMENTS AND COMMENTS, SHALL BE INCLUDED  
AND NOT ATTRIBUTABLE TO ANY SPECIFICATION REQUIRED EDITION OR COMMENTS LISTED IN  
THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL  
SPECIFICATIONS.

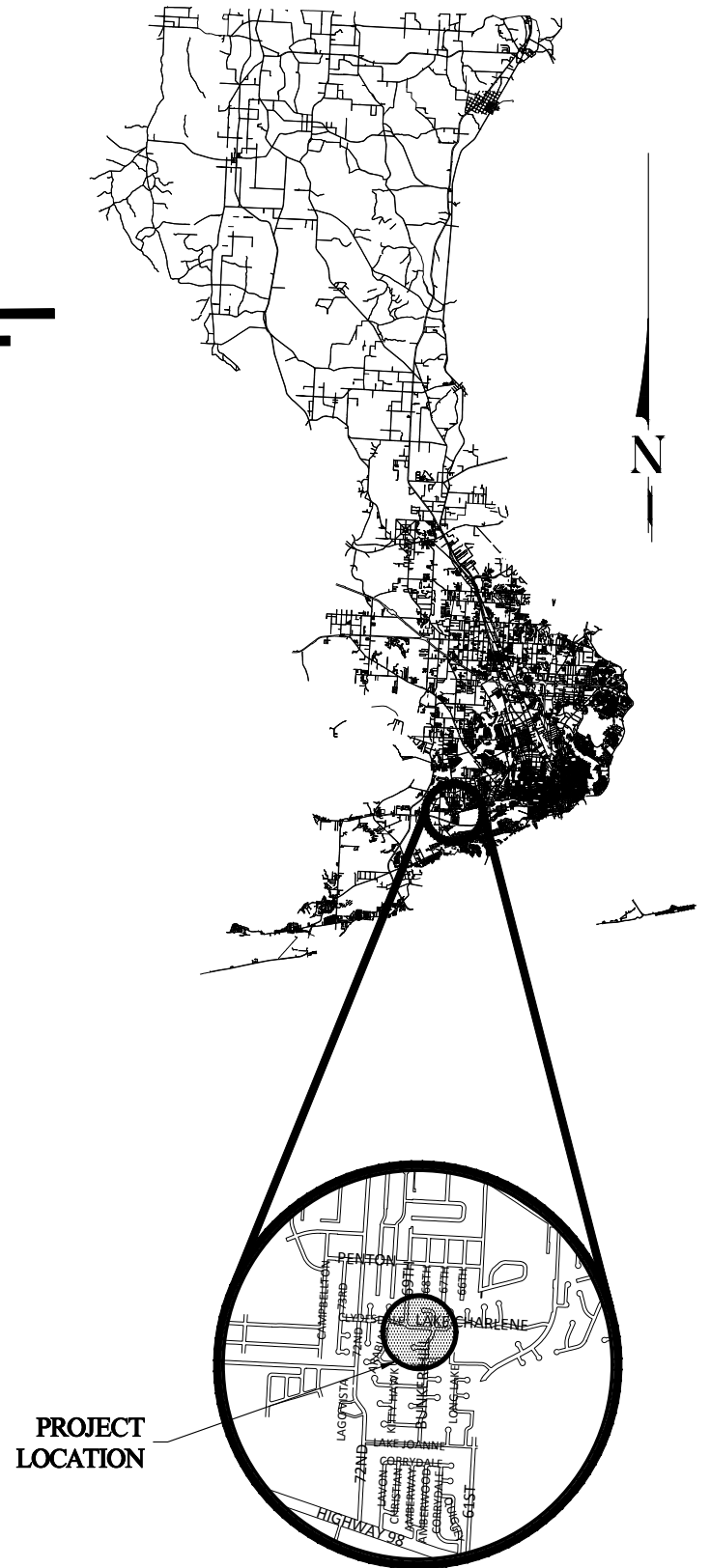
# BOARD OF COUNTY COMMISSIONERS ESCAMBIA COUNTY, FLORIDA PUBLIC WORKS DEPARTMENT ENGINEERING / INFRASTRUCTURE DIVISION

## PLANS PROPOSED FOR LAKE CHARLENE SEDIMENT CATCHMENT ENG 1907

FOR CONSTRUCTION  
SEPTEMBER 2019

### COMMISSIONERS

DISTRICT ONE	JEFF BERGOSH
DISTRICT TWO	DOUG UNDERHILL
DISTRICT THREE	LUMON MAY
DISTRICT FOUR	ROBERT BENDER
DISTRICT FIVE	STEVEN BARRY



VICINITY MAP

PROJECT NUMBER <b>CS</b>	
SECTION / TOWNSHIP / RANGE <b>02 / 25 / 3W</b>	DISTRICT <b>2</b>
PROJECT ENGINEER <b>MICHAEL LINTCH</b>	ISSUED FOR NO. <b>7700</b>
DATE <b>SEPTEMBER 2019</b>	





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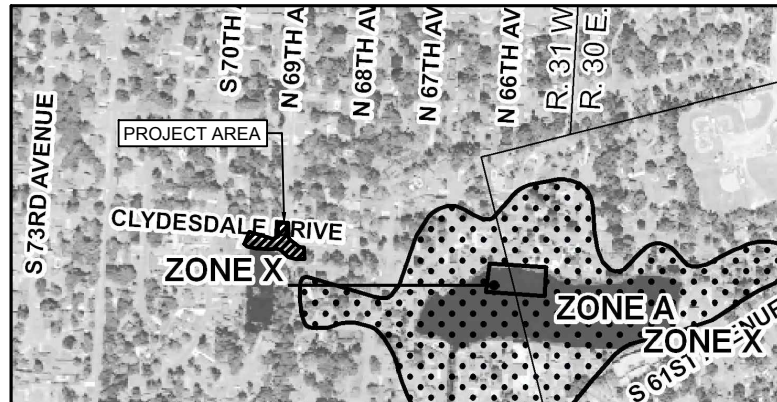
ENGINEER'S PROJECT SPECIFIC NOTES AND INFORMATION:

1. THE EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE TO THE BEST OF OUR KNOWLEDGE AND BELIEF. 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 < [jb966p@att.com](mailto:jb966p@att.com) >. NOTIFICATION SHALL INCLUDE THE PROJECT NAME/NUMBER, AN ON-SITE CONTACT'S NAME/NUMBER, AND A DESCRIPTION OF THE AREA IN QUESTION.,
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.
6. 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 VEHICULAR INGRESS AND EGRESS TO THEIR HOMES.
7. ALL ASPHALT AND CONCRETE TO BE REMOVED SHALL BE SAW CUT TO PROVIDE A SMOOTH JOINT.
8. EXCESS EXCAVATED MATERIAL BECOMES THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
9. THE WATER QUALITY UNIT SHOWN ON THE PLANS REFERS TO A CONTECH CDS STORMWATER TREATMENT UNIT – MODEL CDS5668-10-C; 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.
10. ONLY QUIET PUMPS SHALL BE UTILIZED FOR ANY DEWATERING ACTIVITY ON SITE.
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 COORDINATION WITH ESCAMBIA COUNTY PUBLIC WORKS DEPARTMENT.
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 SHALL BE KEPT OPEN AT ALL TIMES FOR ALL ADJACENT PROPERTIES.
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 MEASURES IN HIS/HER BID.
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, DRAINAGE 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



## ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
APPROX.	APPROXIMATE
E	EASTING
ECAT	ESCAMBIA COUNTY AREA TRANSIT
ECUA	EMEARLD COAST UTILITY AUTHORITY
ELEV.	ELEVATION
E.O.R.	ENGINEER OF RECORD
EX.	EXISTING
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
FM	FORCE MAIN
FOC	FIBER OPTIC CABLE
GPS	GLOBAL POSITIONING SYSTEM
GR	GRAVITY
INV.	INVERT
LF	LINEAR FEET
MOT	MAINTENANCE OF TRAFFIC
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
N	NORTHING
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
RCP	REINFORCED CONCRETE PIPE
REF.	REFERENCE
R.O.W.	RIGHT-OF-WAY
S	SOUTH
SS	SANITARY SEWER
S.U.E.	SUBSURFACE UTILITY ENGINEERING
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TBM	TEMPORARY BENCHMARK
TYP.	TYPICAL
W	WATER
WQU	WATER QUALITY UNIT

LEGEND

	PROJECT LIMITS
	SILT FENCE
	PIT EXCAVATION LIMITS
	TREE PROTECTION
	ASPHALT MILLING LIMITS
	INLET PROTECTION
	GEOTECHNICAL BORING LOCATION
	COUNTY TYPE "B" CURB AND GUTTER
	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 FLOOD INSURANCE PROGRAM**

**NFIP**

**PANEL 0370G**

# FIRM

## FLOOD INSURANCE RATE MAP

### ESCAMBIA COUNTY, FLORIDA

### AND INCORPORATED AREAS


## PANEL 370 OF 606

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
ESCAMBIA COUNTY	120080	0370	G
PENSACOLA, CITY OF	120082	0370	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



## MAP NUMBER

## 12033C0370G

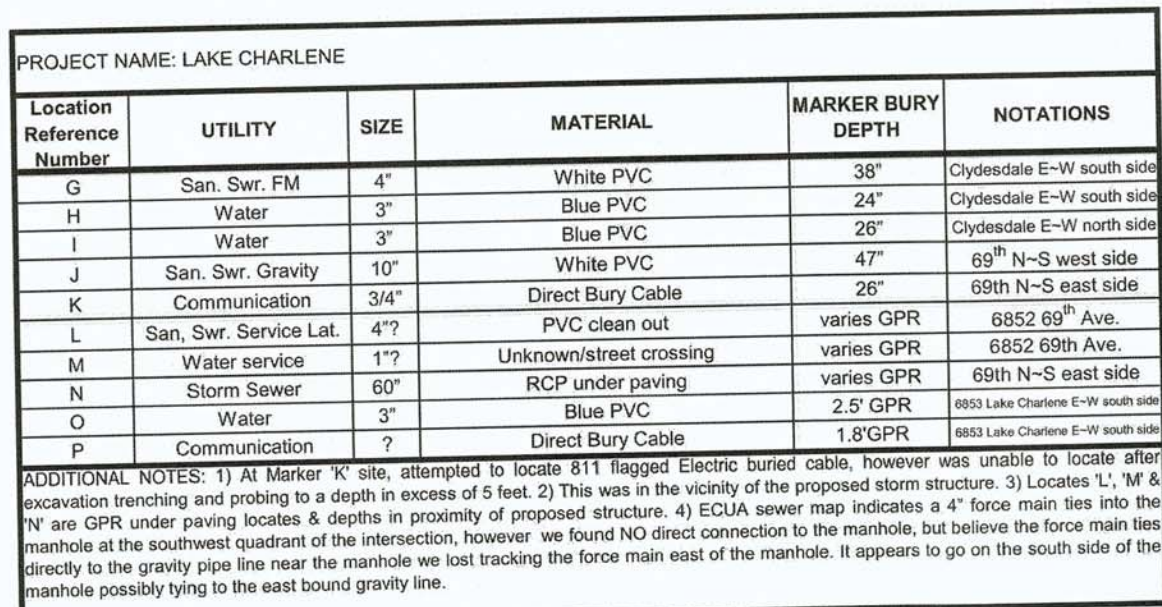
## MAP REVISED

## SEPTEMBER 29, 2006





























**Federal Emergency Management Agency**

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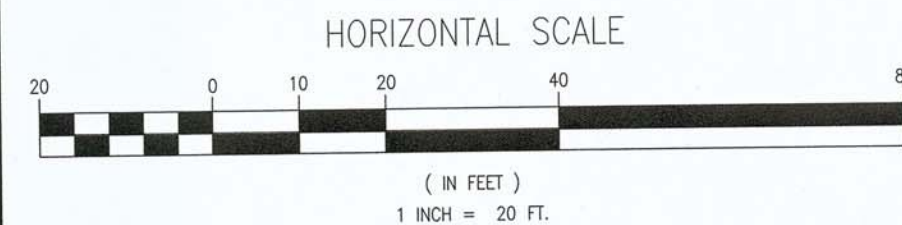




1. NORTH AND THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM (FLORIDA NORTH ZONE), NORTH AMERICAN DATUM OF 1983 (NAD83/90) AND WERE DERIVED UTILIZING A GLOBAL POSITIONING SYSTEM (GPS) TOPCON HORN LITE+ ULTRA-DUAL FREQUENCY RECEIVER. THE RECEIVER WAS UTILIZED IN A REAL-TIME KINEMATIC (RTK) MODE; DEEDS & PLATS OF RECORD AND EXISTING FIELD MONUMENTATION.
2. ELEVATIONS AS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1988 (NAD88) 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. VISIBILITY UTILITIES WITHIN THE SURVEY LIMITS ARE AS SHOWN HEREON.
5. THE STRUCTURE DIMENSIONS DO NOT INCLUDE THE EAVE OVERHANG OR FOUNDATION FOOTINGS.
6. VISIBLE IMPROVEMENTS ARE AS SHOWN HEREON.
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 HAWAII COUNTY, FLORIDA, COMMUNITY PANEL NUMBER 12035003700, EFFECTIVE DATE OF SEPTEMBER 29, 2006.
8. GRAPHIC SYMBOLISM FOR FEATURES SUCH AS MONUMENTATION, FENCES, TREES, 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-HALSTAD, IS LB. 7483.
11. THIS SURVEY DOES NOT REPRESENT NOR GUARANTEE OWNERSHIP.

-  FOUND 1/2" DIA. CAPPED IRON ROD ("SCHONTZ")  
 FOUND 1/2" DIA. CAPPED IRON ROD (NO. 1292)  
 FOUND 1/2" DIA. CAPPED IRON ROD (NO. 6992)  
 FOUND 1/2" DIA. CAPPED IRON ROD (NO. 7073)  
 FOUND 1/2" DIA. RED CAPPED IRON ROD (NO. 7073)  
 FOUND 1/2" DIA. IRON PIPE (UNNUMBERED)  
 FOUND 1" DIA. IRON PIPE (UNNUMBERED)  
 FOUND 1/2" DIA. CRIMPED IRON PIPE (UNNUMBERED)  
 FOUND 1/2" DIA. IRON ROD (UNNUMBERED)  
 FOUND 5/8" DIA. IRON ROD (UNNUMBERED)  
 FOUND X CUT IN CONCRETE  
 BENCHMARK  
 LINE SHOWN NOT TO SCALE  
 OVERHEAD UTILITIES  
 BURIED WATER LINE  
 SEWER LINE  
 SEWER FORCE MAIN  
 BURIED ELECTRIC LINE  
 BURIED GAS LINE  
 BURIED FIBER OPTIC LINE  
 SURVEY LIMITS  
 STORMWATER MANHOLE  
 WATER METER  
 WATER VALVE  
 FIRE HYDRANT  
 SEWER MANHOLE  
 TELEPHONE VAULT  
 TELEPHONE JUNCTION BOX  
 BURIED CABLE TV MARKER  
 WOOD UTILITY POLE  
 LIGHT POLE  
 UTILITY SPOT LOCATION  
 BOLLARD  
 MAILBOX  
 WOOD POST  
 SINGLE SUPPORT SIGN  
 LOT NUMBER  
 SPOT ELEVATION  
 ELEVATION CONTOUR LINE  
 AT ONE FOOT INTERVALS  
 SPECIAL UTILITY SPOT LOCATIONS

- |         |                                       |
|---------|---------------------------------------|
| APPX.   | APPROXIMATE LOCATION OF               |
| BOC     | BACK OF CURB                          |
| BOW     | BOTTOM OF WALL                        |
| CONC    | CONCRETE                              |
| DIA     | DIAMETER                              |
| ECUA    | EMERALD COAST UTILITIES AUTHORITY     |
| EDP     | EDGE OF PAVEMENT                      |
| EL      | ELEVATION                             |
| (F)     | FIELD INFORMATION                     |
| FM      | FORCE MAIN                            |
| H/W     | HEADWALL                              |
| NN      | INVERT                                |
| LF      | LINEAR FEET                           |
| NAVD 88 | NORTH AMERICAN VERTICAL DATUM 1988    |
| NGVD 29 | NATIONAL GEODETIC VERTICAL DATUM 1929 |
| NO.     | NUMBER                                |
| (P)     | PLAT INFORMATION                      |
| PB      | PLAT BOOK                             |
| PC      | POINT OF CURVATURE                    |
| PG      | PAGE                                  |
| PT      | POINT OF TANGENCY                     |
| PVC     | POLYVINYL CHLORIDE PIPE               |
| RCP     | REINFORCED CONCRETE PIPE              |
| R/W     | RIGHT-OF-WAY                          |
| S/W     | SIDEWALK                              |
| TBM     | TEMPORARY BENCHMARK                   |
| TOW     | TOP OF WALL                           |
| (TYP)   | TYPICAL FEATURE                       |
| WPP     | WOOD POWER POLE                       |



UNLESS STATED OTHERWISE, NO TITLE SEARCH HAS BEEN FURNISHED NOR PERFORMED BY THE UNDERSIGNED TO DETERMINE ANY DEFECTS AND/OR AMBIGUITIES IN TITLE. THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP, MORTGAGE, EASEMENTS, ENCUMBRANCES, ETC. OF BUILDINGS AND THE EAVE DOWNGRADES THEREOF WERE NOT LOCATED. UNLESS IT BEARS THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING, SKETCH, PLAN OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

**ihijehle-halstead, inc.**  
Civil Engineering and Surveying

TOPOGRAPHIC SURVEY  
LAKE CHARLENE  
SEDIMENT CATCHMENT

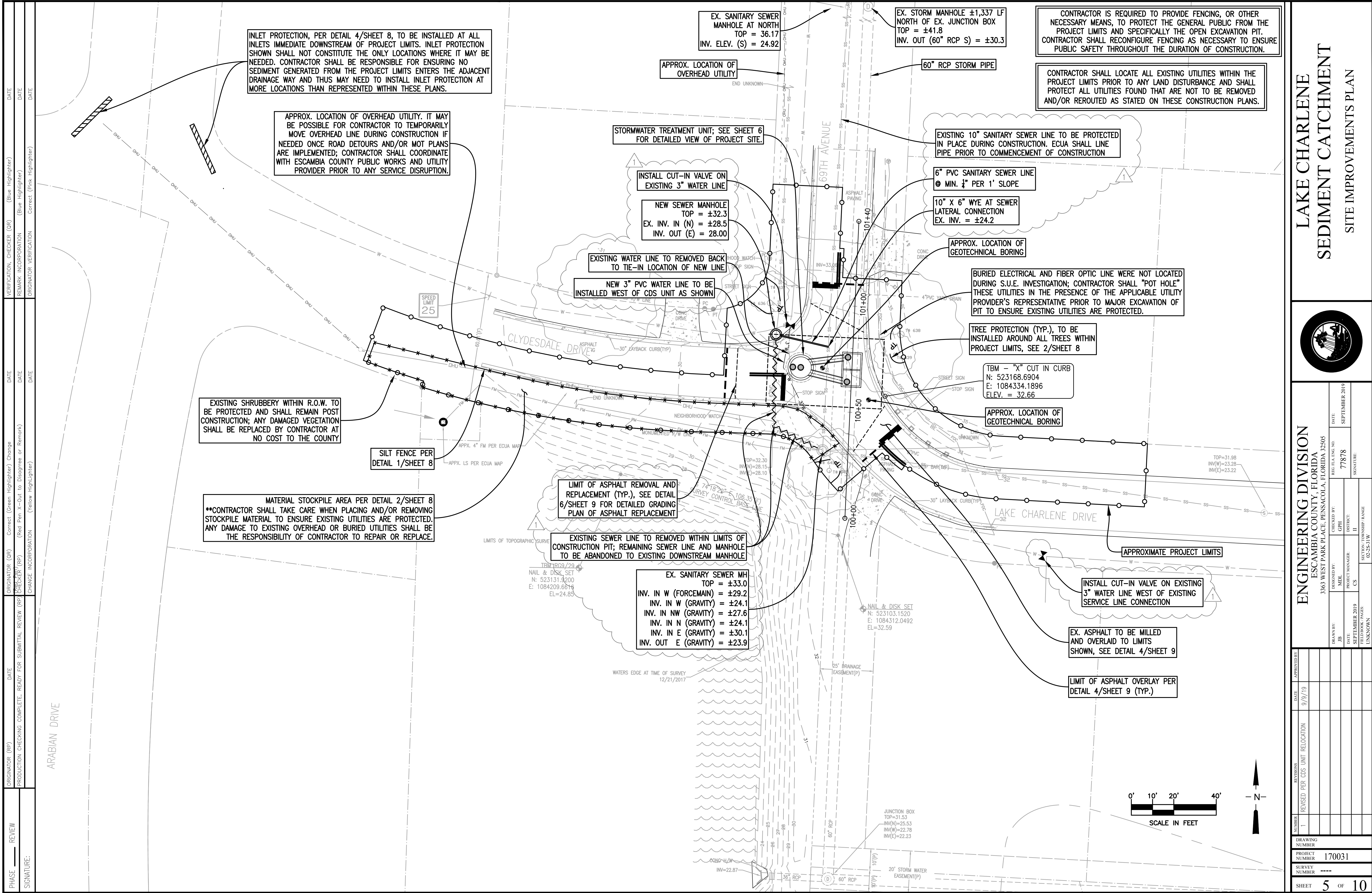
**SURVEYORS CERTIFICATE:**  
I CERTIFY THAT THE SURVEY SHOWN HEREIN TO BE CORRECT AND  
COMPLY WITH THE MINIMUM TECHNICAL STANDARDS FOR  
SURVEYING PER CHAPTER 5J-17.050, 5J-17.051 AND 5J-17.052,  
FLORIDA ADMINISTRATIVE CODE AS SET FORTH BY THE FLORIDA  
BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO  
SECTION 472.027 FLORIDA STATUTES.

SECTION 20  
TOWNSHIP 12S  
RANGE 31W  
ESCAMBIA COUNTY, FLORIDA

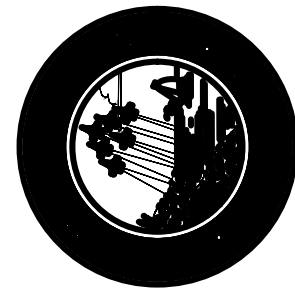
5414 Highway 90 - Milton, Florida 32570  
(850) 994-9503 - Fax (850) 994-9504  
[www.jehle-holstead.com](http://www.jehle-holstead.com)  
Certificate of Authorization No. 00004869  
Surviving License Number L87483

Revisions	
Date	Description
2/20/18	COUNTY COMMENTS
5/14/18	REVISED SPOT LOCATION CHART
Designed By: _____	
Drawn By: _____ JDC	
Checked By: _____ SGR	
Job No.: 170031	
Date: 1/22/2018	
Scale: 1" = 20'	
FIELD DATE: 2/16/18	
CREN:	RG/CJ
FB RG9	P6 14-18, 23-24
FB RG9	P6 26, 39
RG10	7





LAKE CHARLENE  
SEDIMENT CATCHMENT  
SITE IMPROVEMENTS PLAN



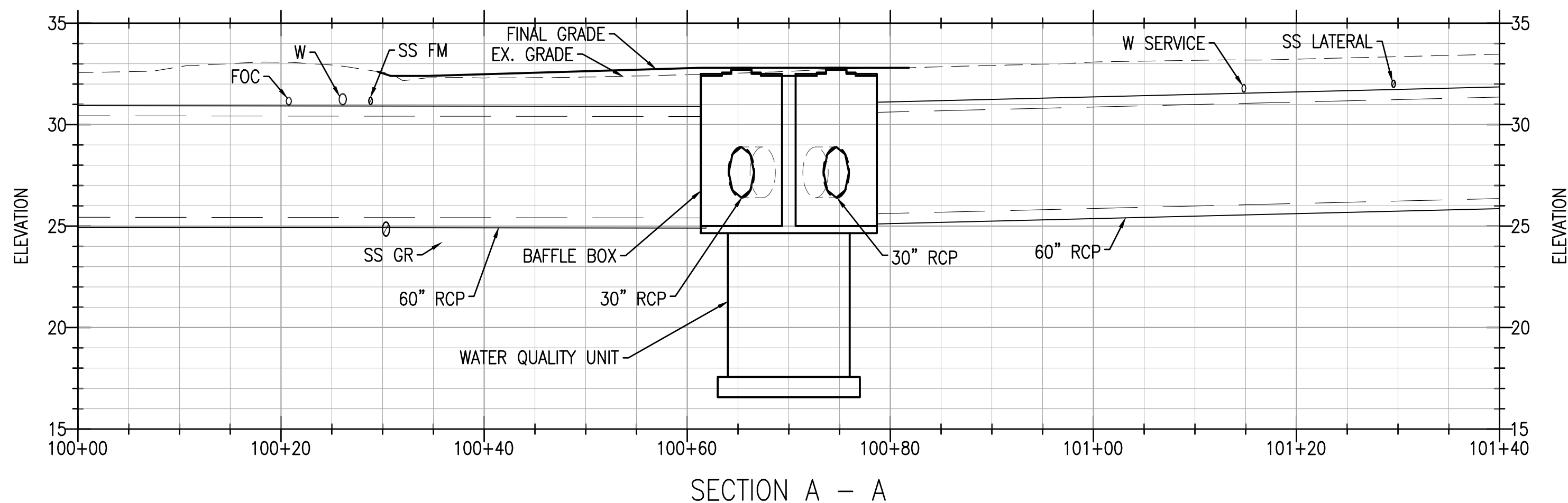
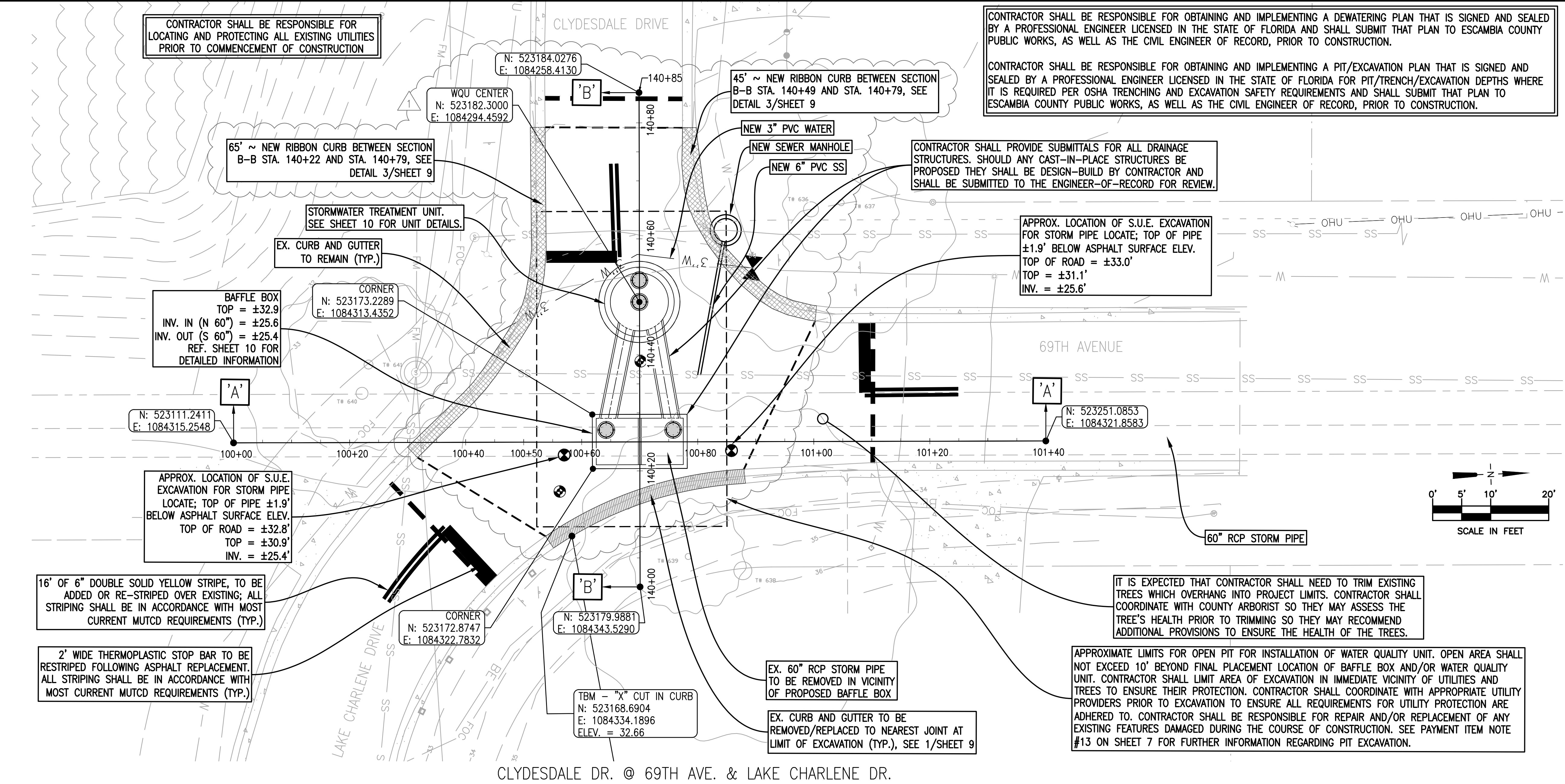
ENGINEERING DIVISION  
ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

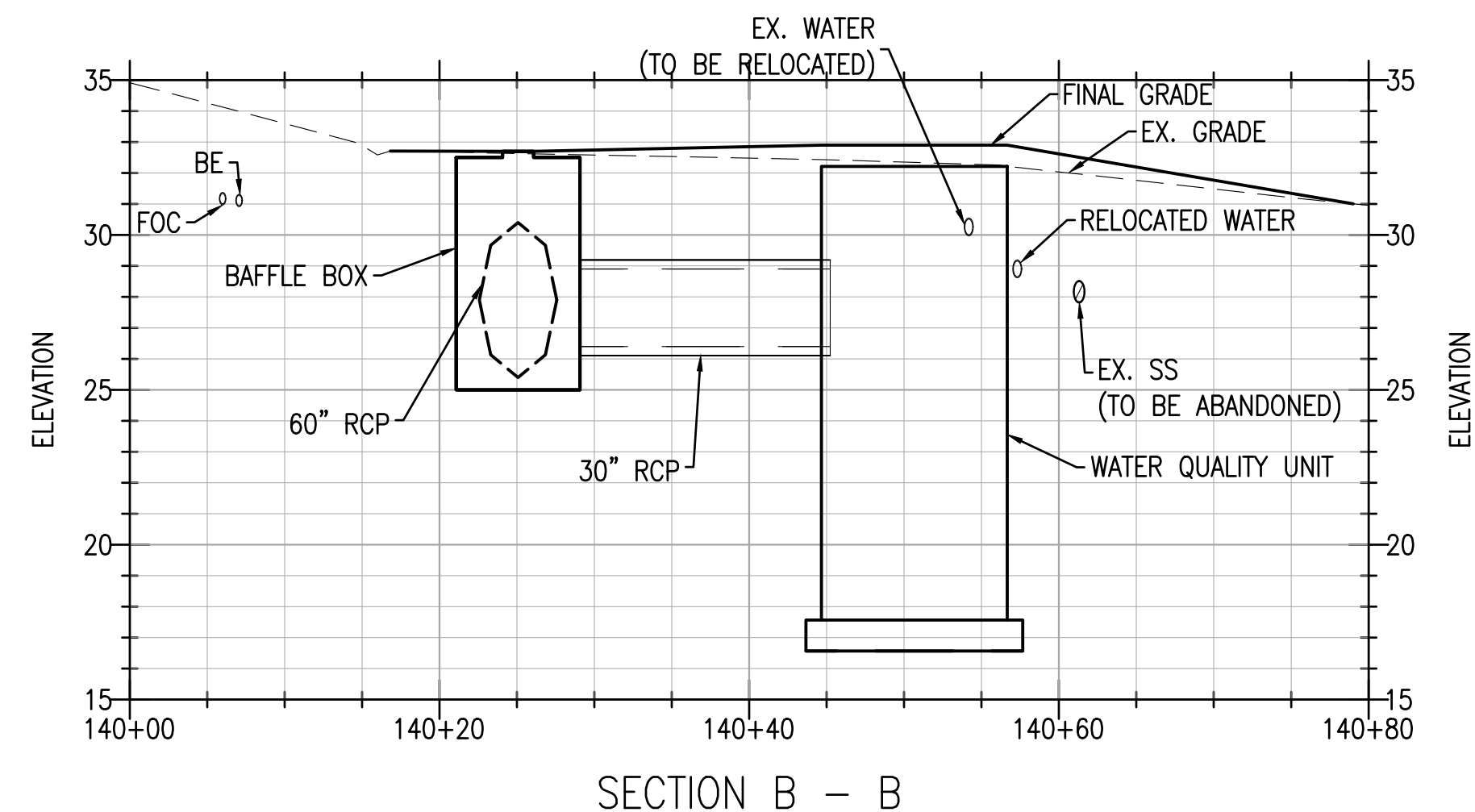
REVISIONS	DATE	APPROVALS
REVISED PER CDS UNIT RELOCATION	9/9/19	
1		
DRAWING NUMBER	170031	
PROJECT NUMBER	---	
SURVEY NUMBER	---	
SHEET	5	OF 10

DESIGNED BY	CHECKED BY	DATE
MDL	CPI	SEPTEMBER 2019
PROJECT MANAGER	DISTRICT	
CS	II	
SECTION TOWNSHIP RANGE	102S-31W	
FIELD BOOK PAGES	UNKNOWN	
DRAWN BY	DATE	
JB	SEPTEMBER 2019	
77878		
REF. FILE NO.		
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505		

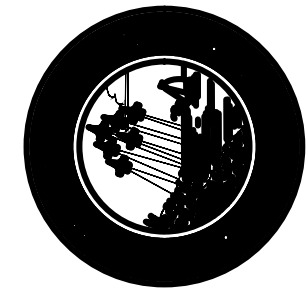
PHASE	REVIEW	SIGNATURE:	ORIGINATOR (RP)	DATE	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	REVIEW (RP)	DATE	ORIGINATOR (OR)	DATE	CORRECT (Green Highlighter) Change	CHECKER (RP)	DATE	ORIGINATOR (OR)	DATE	CORRECT (Pink Highlighter)	VERIFICATION, CHECKER (OR)	DATE	REMARK INCORPORATION	DATE



HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES SHOWN IN PROFILE VIEW ARE APPROXIMATE. INFORMATION HAS BEEN CONFIRMED WHERE POSSIBLE THROUGH S.U.E. EXPLORATION AND CONVENTIONAL SURVEYING AS WELL AS FIELD VISITS/VERIFICATION BY THE E.O.R. SOME OBSERVED INVERTS INDICATE THAT UTILITIES MAY CROSS THROUGH THE STORM PIPE; HOWEVER, NO CONFLICT MANHOLES HAVE BEEN OBSERVED IN THE FIELD SO ASSUMPTIONS HAVE BEEN MADE THAT THE UTILITY LINES EITHER CROSS UNDER OR OVER THE STORM PIPES. THESE ASSUMED CROSSINGS ARE REPRESENTED IN THE PROFILE VIEW AND CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL VERTICAL AND HORIZONTAL LOCATIONS OF UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.



# LAKE CHARLENE SEDIMENT CATCHMENT DETAILED PLAN AND SECTION VIEWS



## ENGINEERING DIVISION ESCAMBIA COUNTY, FLORIDA

3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DESIGNED BY: MDI	CHECKED BY: CPI	DATE SEPTEMBER 2019	SIGNATURE	77878
DRAWN BY: JB	PROJECT MANAGER CS	DATE SEPTEMBER 2019	SECTION/TOWNSHIP/RANGE 10/2S-31W	UNKNOWN

REVISIONS	DATE	APPROVALS
1	9/9/19	

DRAWING NUMBER	170031
PROJECT NUMBER	---
SURVEY NUMBER	---
SHEET	6 OF 10



PHASE

REVIEW

SIGNATURE:

ORIGINATOR (OR)

DATE

ORIGINATOR (RP)

DATE

PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)

DATE

CHECKER (RP)

DATE

ORIGINATOR (OR)

DATE

CHECKER (RP)

DATE

REMARK INCORPORATION

DATE

ORIGINATOR VERIFICATION

DATE

VERIFICATION, CHECKER (OR)

DATE

REMARK INCORPORATION

DATE

ORIGINATOR VERIFICATION

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	130		
6	EARTHWORK FILL: STOCKPILE FOR FILL	CY	880		
7	DEWATERING: GENERIC PERMITTING/WATER TESTING/SEDIMENT CONTROL/TREATMENT	DAY	28		
8	1.5" TYPE SP-12.5 ASPHALT - PATCH AND OVERLAY	SY	365		
9	PRIME COAT	SY	345		
10	UTILITY LOCATION, PROTECTION, AND COORDINATION	LS	1		
11	REMOVE EXISTING ASPHALT, VARYING DEPTH (2-3" EXPECTED)	SY	280		
12	SAW CUT EXISTING ASPHALT	LF	170		
13	12" STABILIZED SUBGRADE	SY	255		
14	6" GRADED AGGREGATE BASE	SY	255		
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	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	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	1		
24	30" RCP PIPE	LF	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	CY	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.
1. 8. PAY ITEM 8 – INCLUDES ±30 SY OF FULL DEPTH ASPHALT BASE OVER CDS UNIT AND BAFFLE BOX.
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, EXCEED 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 NOT 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.

LAKE CHARLENE

SEDIMENT CATCHMENT

SUMMARY OF PAY ITEMS



ENGINEERING DIVISION

ESCAMBIA COUNTY, FLORIDA

3343 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DATE: SEPTEMBER 2019

REG. FLA. ENG. NO. 77878

SIGNATURE:

DESIGNED BY: [blank]

CHECKED BY: [blank]

MDL: [blank]

PROJECT NUMBER: [blank]

CS: [blank]

DATE: SEPTEMBER 2019

FIELD BOOK PAGES: UNKNOWN

DESIGNED / CHECKED / DATE: [blank]

NUMBER	1	DATE	9/9/19	APPROVED BY:	
REVISIONS					
PAY ITEMS REVISED					
DRAWING NUMBER					
PROJECT NUMBER	170031				
SURVEY NUMBER	----				
SHEET	7	OF	10		





		PHASE _____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (OP)	Correct (Green Highlighter) Change	DATE	VERIFICATION, CHECKER (OB)	Blue Highlighter	DATE
			PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	REVIEW (RP)	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE	REMARK INCORPORATION	Blue Highlighter	DATE
		SIGNATURE:			CHANGE INCORPORATION	(Yellow Highlighter)	DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE

