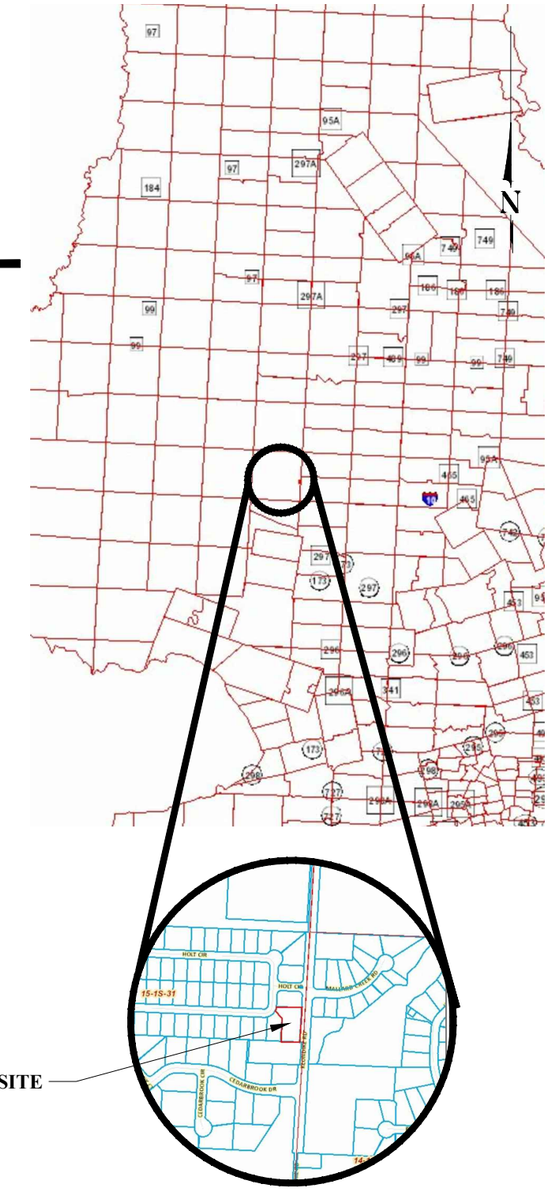
BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA
ENGINEERING DEPARTMENT
CONSTRUCTION MANAGEMENT DIVISION

KLONDIKE ROAD - CEDARBROOK RETENTION POND IMPROVEMENT PROJECT

100% SUBMITTAL

DATE: AUG. 10, 2020

INDEX OF PLANS



VICINITY MAP

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

ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICAPABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

CONCRETE SHALL CONFORM TO REQUIREMENTS OF FDOT STANDARD SPECIFICATION, SECTIONS 522-001, 522-002, 522-003 & 520-001 FOR CURBS, GUTTERS, SIDEWALKS, STRUCTURES AND MISCELLANEOUS CONCRETE. CONCRETE FOR PAVEMENT SHALL CONFORM TO REQUIREMENTS OF FDOT STANDARD SPECIFICATION, SECTION 330-001 & 350-001. CURB RAMPS SHALL CONFORM TO FDOT STANDARD INDEX 522-002.

JMA
Engineering Services, Inc.
Civil Engineering Planning
2726 WALLACE LAKE ROAD
PACE, FLORIDA 32571
PHONE: (850) 995-7323
eMAIL: jerry@mcguire-assoc.com
WEBSITE: www.mcguire-assoc.com
Gerald W. McGuire-P.E. # 39572
Engineering Business #00008435

COMMISSIONERS

DISTRICT ONE	JEFF BERGOSH
DISTRICT TWO	DOUG UNDERHILL
DISTRICT THREE	LUMAN MAY
DISTRICT FOUR	ROBERT BENDER, VICE CHAIRMAN
DISTRICT FIVE	STEVEN BARRY, CHAIRMAN

Date:
2020.09.05
13:56:22
-05'00'

PROJECT MANAGER: DAMS, GRANT	
SECTION / TOWNSHIP / RANGE: 15-1S-31	DISTRICT: 01
PROJECT ENGINEER: JWM	REG FLA ENG NO: 39572
SIGNATURE:	DATE:

GENERAL NOTES:

1. THE CONTRACTORS SHALL NOTIFY THE COUNTY DESIGN ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.

2. ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE ESCAMBIA COUNTY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.

3. ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.

4. 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 STANDARD PLANS 570-001, THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2008 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.

5. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ESCAMBIA COUNTY OR ITS DESIGNEE WILL ASSIST CONTRACTOR WITH REQUIRED PERMITS.

6. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.

7. 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.

8. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.

9. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.

10 EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.

11. ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.

12. ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.

13. 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.

14. 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/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.

15. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY.

16. CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P., WMD AND ARMY CORP. OF ENGINEERS REQUIREMENTS.

17. ONLY ACCESS TO THE ROAD R/W AS SHOWN IS GUARANTEED BY THE COUNTY. PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE COUNTY.

18. IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:

JOE BARRETT, PSM
ESCAMBIA COUNTY SURVEYOR
3363 WEST PARK PLACE
PENSACOLA, FLORIDA 32505 PH (850) 595-3427

19. VEGETATION ON R/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.

20. GRADED AGGREGATE BASE SHALL BE REQUIRED WHERE THE SEASONAL HIGH GROUND WATER ENCROACHES WITHIN TWO (2) FEET OF THE BOTTOM OF BASE.

21. ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED IN PLANS.

22. ALL COMPACTED FILL SHALL BE PLACED IN 8" LIFTS FOR HAND POWERED TAMPERS AND 12 LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.

23. MAINTENANCE OF TRAFFIC AS PER FDOT STANDARD PLANS 102-600 FY 2020/ 2021.

24. 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. SPEED BUMPS AND TRAFFIC CALMING DEVICES SHALL NOT BE USED ON THE SAME ROAD OR STREET.

25. ALL EXISTING MAILBOXES INTERFERING WITH NEW CONSTRUCTION SHALL BE RELOCATED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH POSTAL REQUIREMENTS AND IN ACCORDANCE WITH ESCAMBIA COUNTY TECHNICAL SPECIFICATION, FDOT STANDARD PLANS 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.

26. 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 STANDARD PLANS FY 2020/2021. THE CONTRACTOR SHALL CONTACT THE COUNTY TRAFFIC DEPARTMENT PRIOR TO INSTALLATION OF ANY SIGNING AND PAVEMENT MARKINGS.

27. WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(I), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO ANY EXCAVATION.

28. 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.

29. 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.

30. 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.

31. 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.

32. 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:

SEWER/WATER - EMERALD COAST UTILITY AUTHORITY
MR. BRANDON KNIGHT
P.O. BOX 15311
PENSACOLA, FL. 32514 PH: (850) 969-6650
BKNIGHT@ECUA.ORG

NATURAL GAS - PENSACOLA ENERGY
MRS. DIANE MOORE
1625 ATWOOD DRIVE
PENSACOLA, FL. 32514 PH: (850) 474-5319
DMOORE@CITYOFPENSACOLA.COM

TELEPHONE - AT&T FLORIDA
MR. ROB ST. PIERRE
6689 E. MAGNOLIA STREET
MILTON, FLORIDA 32570
PH: (850) 623-3811
rs624y.COM

TRAFFIC DEPARTMENT - ESCAMBIA COUNTY PUBLIC WORKS
MRS. JOHNNY COX / PETTIGREW
3363 WEST PARK PLACE
PENSACOLA, FL. 32505 PH:(850) 595-3404
jlpettigrew@myescambia.com

ELECTRIC - NEXTERA ENERGY
MR. SCOTT LEE
5120 DOGWOOD DRIVE
MILTON, FL. 32570 PH: (850) 429-2446
SCOTT.LEE@nexteraenergy.com

CABLE - COX CABLE
MR. TROY YOUNG
3405 MCLEMORE DRIVE
PENSACOLA, FL. 32514 PH: (850) 857-4551
Troy.Young@COX.COM

SUNSHINE STATE ONE-CALL
MR. BRAD MARTIN
7781 CRICKLEWOOD DRIVE
TALLAHASSEE, FL. 32312 PH: (850) 514-9221

33. 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.

34. ALL CABLE DAMAGE MUST BE REPORTED TO THE ATT FLORIDA REPAIR SERVICE DEPARTMENT AT 611 FROM A LAND LINE OR 877-737-2478 IF USING A CELL PHONE.

35. ALL LOOP DETECTOR INSTALLATION SHALL BE DONE AS PER FDOT STANDARD PLANS 660-001.

36. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.

37. 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.

Date:
2020.09.0
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ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change	VERIFICATION, CHECKER (GR)	(Blue Highlighter) DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION	(Blue Highlighter) DATE
		CHANGE INCORPORATION	(Yellow HighLighter)	ORIGINATOR VERIFICATION	Correct (Pink Highlighter) DATE

PHASE ____ REVIEW
SIGNATURE:

CEDARBROOK POND on KLONDIKE RD
RETENTION POND IMPROVEMENT PROJECT
GENERAL NOTES

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DRAWN BY: HAH
DESIGNED BY: JWM
CHECKED BY: JWM
REG. FLA. ENG. NO: 39572
DATE: 11/01/19
PROJECT MANAGER: DAMS-GRANT
DISTRICT: II
SIGNATURE:
TOTAL SHEETS: XXXXX
SECTION / TOWNSHIP / RANGE: 15-1S-31

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER

Project: KLONDIKE ROAD - CEDARBROOK RETENTION POND IMPROVEMENT PROJECT

PROJ. ID	SHEET NO.

Utility Agency: NEXTERA ENERGY (ELECTRIC)
Contact Person: SCOTT LEE

STATION	OFFSET (ft)	UTILITY TYPE/SIZE	MATERIAL	DESCRIPTION OF CONFLICT	TO REMAIN	TO BE REMOVED OFFSITE	TO BE ADJUSTED	TO BE RETIRED IN PLACE	TO BE RELOCATED	INCLUDED IN COUNTY PROJECT	PRIOR TO COUNTY PROJECT	CONCURRENT WITH COUNTY PROJECT	REMARKS AND COMMENTS
3+71.38		POLE	WOOD	SITS IN CENTER OF EXISTING SWALE	XX								
2+80.42		POLE	WOOD	SITS TO THE SIDE OF EXISTING SWALE/MES THAT WILL BE REMOVED/REPLACED	XX								
0+00 THRU- 3+72.52		CABLE	CABLE	AERIAL CABLE RUNNING PARALEL TO ENTIRE WORK AREA	XX								

Project: KLONDIKE ROAD - CEDARBROOK RETENTION POND IMPROVEMENT PROJECT

PROJ. ID	SHEET NO.

Utility Agency: EMERALD COAST UTILITY AUTHORITY (WATER / SEWER)
Contact Person: BRANDON KNIGHT

STATION	OFFSET (ft)	UTILITY TYPE/SIZE	MATERIAL	DESCRIPTION OF CONFLICT	TO REMAIN	TO BE REMOVED OFFSITE	TO BE ADJUSTED	TO BE RETIRED IN PLACE	TO BE RELOCATED	INCLUDED IN COUNTY PROJECT	PRIOR TO COUNTY PROJECT	CONCURRENT WITH COUNTY PROJECT	REMARKS AND COMMENTS
NO APPARENT CONFLICTS.													

Project: KLONDIKE ROAD - CEDARBROOK RETENTION POND IMPROVEMENT PROJECT

PROJ. ID	SHEET NO.

Utility Agency: AT&T (TELEPHONE)
Contact Person: ROB ST. PIERRE

STATION	OFFSET (ft)	UTILITY TYPE/SIZE	MATERIAL	DESCRIPTION OF CONFLICT	TO REMAIN	TO BE REMOVED OFFSITE	TO BE ADJUSTED	TO BE RETIRED IN PLACE	TO BE RELOCATED	INCLUDED IN COUNTY PROJECT	PRIOR TO COUNTY PROJECT	CONCURRENT WITH COUNTY PROJECT	REMARKS AND COMMENTS
3+64.28		PEDESTAL	METAL	SITS ON EDGE OF EXISTING SWALE (SOUTH OF CEDARBROOK) THAT WILL BE REGRADED, CURRENTLY DAMAGED.	XX		XX			XX			

Project: KLONDIKE ROAD - CEDARBROOK RETENTION POND IMPROVEMENT PROJECT

PROJ. ID	SHEET NO.

Utility Agency: ESCAMBIA COUNTY PUBLIC WORKS - TRAFFIC DEPARTMENT
Contact Person: JOHNNY COX/PETTIGREW

STATION	OFFSET (ft)	UTILITY TYPE/SIZE	MATERIAL	DESCRIPTION OF CONFLICT	TO REMAIN	TO BE REMOVED OFFSITE	TO BE ADJUSTED	TO BE RETIRED IN PLACE	TO BE RELOCATED	INCLUDED IN COUNTY PROJECT	PRIOR TO COUNTY PROJECT	CONCURRENT WITH COUNTY PROJECT	REMARKS AND COMMENTS
NO APPARENT CONFLICTS.													

Project: KLONDIKE ROAD - CEDARBROOK RETENTION POND IMPROVEMENT PROJECT

PROJ. ID	SHEET NO.

Utility Agency: COX CABLE
Contact Person: TROY YOUNG

STATION	OFFSET (ft)	UTILITY TYPE/SIZE	MATERIAL	DESCRIPTION OF CONFLICT	TO REMAIN	TO BE REMOVED OFFSITE	TO BE ADJUSTED	TO BE RETIRED IN PLACE	TO BE RELOCATED	INCLUDED IN COUNTY PROJECT	PRIOR TO COUNTY PROJECT	CONCURRENT WITH COUNTY PROJECT	REMARKS AND COMMENTS
NO APPARENT CONFLICTS. SERVICES APPEAR TO BE AERIAL, NOT IN GROUND.													

Date: 2020.09.05 13:59:40 -05'00'

CEDARBROOK POND on KLONDIKE RD
RETENTION POND IMPROVEMENT PROJECT
UTILITY CONFLICT MATRIX

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DRAWN BY: HAH
DESIGNED BY: JWM
CHECKED BY: JWM
REG. FLA. ENG. NO: 39572
DATE: 7/7/20
PROJECT MANAGER: DAMS GRANT
DISTRICT: II
SIGNATURE:
TOTAL GRAPHIC PAGES: XXXXX
SECTION / TOWNSHIP / RANGE: 15-1S-31

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER

SHEET 3 OF 10

VERIFICATION, CHECKER (QR) (Blue Highlighter) DATE
REMARK INCORPORATION (Blue Highlighter) DATE
ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE

ORIGINATOR (RP) DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) DATE
CHECKER (RP) (Red Pen X-Out to Disagree or Remark) DATE
CHANGE INCORPORATION (Yellow Highlighter)

ORIGINATOR (QR) Correct (Green Highlighter) Change

PHASE ____ REVIEW
SIGNATURE:

CEDARBROOK POND on KLONDIKE ROAD
RETENTION POND IMPROVEMENT PROJECT

		Valid From Decenber 1, 2019 to November 30, 2020		
Section	**Category**	**Sub-Category**	**Quantity**	**Units**
02100-	00102	Mobilization, 16 - 30 Miles	1	EA
03100-	00101	Clearing and Grubbing, per County Specifications 2230	1	ACRE
03100-	00103	Remove Shrubs	3	EA
03100-	00105	Remove Tree, 13"-24"	7	EA
04100-	00103	Earthwork Excavate, Haul, and Install, On-site	255	CY
04100-	00108	Remove and Replace Unsuitable Materials	200	CY
04100-	00119	Dewatering Pump	6	Week
04200-	00101	Pond Access Ramp, 5" GAB w/ Fabric, LDC 4.04.13.A	75	SY
04200-	00104	Filter Sand	125	CY
04200-	00105	Filter Gravel	28	CY
04200-	00107	Grade Pond Slopes	1280	SY
06200-	00111	4" Sand Clay Base, Driveways only	25	SY
06200-	00117	4" Bahamian base, less than 1000sy	25	SY
09100-	00616	Clean Out For Underdrain, Unpaved Surface	4	EA
09100-	00804	Junction Box, 6-12ft depth	3	EA
09200-	00903	12" PDW HDPE Sock Wrap Underdrain	150	LF
09300-	00101	15" RCP Cross Drain MES, FDOT Index 272, 280	1	EA
13100-	00101	Centipede Sod, Staked	1280	SY
13200-	00101	18" Depth Rip Rap Rubble w/ 4" Bedding Stone and Geotextile	10	SY
13300-	00101	Silt Fence Type III	880	LF
13300-	00103	Staked Turbidity Barrier	40	LF
13300-	00105	Safety Fence	100	LF
13300-	00108	Establish, quantify, and submit an approved erosion control plan prepared by a certified technician.	1	EA
13300-	00109	Construct Stabilized Gravel Construction Entrance	25	SY
13300-	00110	NPDES NOI and NOT Permit, including SWPPP and monitoring (for use only with disturbed areas over 1.0 Acre)	1	EA
13400-	00101	Remove Existing Rubble (Stone Rip Rap or Concrete)	10	CY
14100-	00104	6' Chain Link Fence	200	LF
14300-	00102	6' Wood Fence (Non alternating Vertical Boards)	42	LF
14400-	00101	Remove Existing 6' Wood Fence	42	LF
14400-	00103	Remove Existing Chain Link Fence	200	LF
14500-	00102	Corner Post, Wood Post, 6' Wood Fence	4	EA
17100-	00102	Jobsite Board for posting project information, permits, etc.	1	EA
			Sub Totals	
07900-	00100	MOT Based on section 07900-00100 and sub total of project		
01100-	00100	Performance and Payment Bond (Required for projects over $25,000.00)		
			Grand Total	

Balance of Line (may not exceed 25% of total cost)	**Qty**	**Units**
Jack & Bore 18" Steel Casing with Casing Spacers	64	LF
Remove Existing 12'x16' Plastic Shed	1	LS
Install 12' x 16' Pre-Fab Shed	1	LS

Date: 2020.09.05 14:04:28 -05'00'

CEDARBROOK POND on KLONDIKE RD
RETENTION POND IMPROVEMENT PROJECT
SUMMARY OF QUANTITIES

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DRAWN BY: HAH | DESIGNED BY: JWM | CHECKED BY: JWM | REG. FLA. ENG. NO. 39572 | DATE: 11/04/19
DATE: 11/17/2016 | PROJECT MANAGER: DAMES, GRANT | DISTRICT: 01 | SIGNATURE:
FIELD BOOK PAGES: XXXX | SECTION TOWNSHIP RANGE 15-1S-31

NUMBER | REVISIONS | DATE | APPROVED BY:

DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER

SHEET 4 OF 10

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SIGNATURE:

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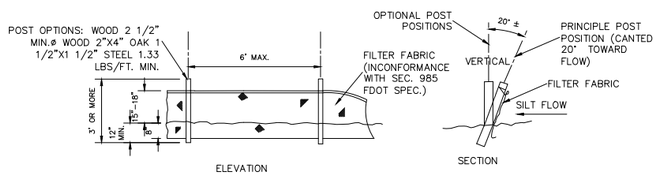
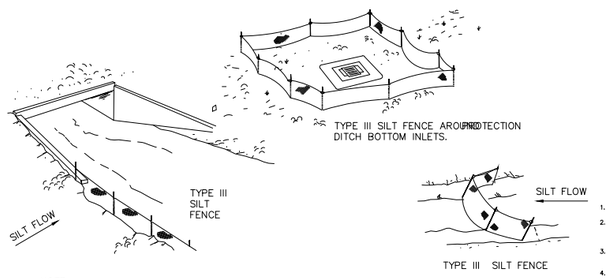
REMARK INCORPORATION (Blue Highlighter) DATE

Correct (Green Highlighter) Change



TYPE III SILT FENCE



NOTE:
DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE APPLICATIONS DETAIL

N.T.S.

GENERAL NOTES FOR EROSION SEDIMENT CONTROL

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPMENT, SUBMITTAL, AND IMPLEMENTATION OF AN APPROVED EROSION CONTROL PLAN PREPARED BY A CERTIFIED TECHNICIAN.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION (PRIOR TO CONSTRUCTION) AND MAINTENANCE/REPAIRS OF (DURING CONSTRUCTION) EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENT AND EROSION ON THE SITE OF DEVELOPMENT. THE PROVISIONS SHOWN HEREIN REPRESENT THE MINIMUM EROSION CONTROL MEASURES TO BE TAKEN.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN NPDES PERMIT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND FOR COMPLIANCE INSPECTIONS, MONITORING, AND DOCUMENTATION DURING CONSTRUCTION PER THE TERMS OF THAT PERMIT.
4. THE CONTRACTOR SHALL MAKE REGULAR INSPECTIONS OF ALL CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PROCESS TO ENSURE THE OVERALL EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL PLAN. AT A MINIMUM, INSPECTIONS MUST OCCUR AT LEAST ONCE A WEEK AND WITHIN TWENTY–FOUR (24) HOURS OF THE END OF A STORM EVENT THAT IS ONE–HALF (0.50) INCH OR GREATER. ALL INSPECTIONS MUST DOCUMENTED PER THE NPDES STORMWATER POLLUTION PREVENTION PLAN.
5. ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE LIMITS OF CONSTRUCTION OR ONTO PUBLIC RIGHTS–OF–WAY WILL BE REMOVED IMMEDIATELY.
6. ALL AREAS OF DISTURBANCE SHALL BE TREATED AS APPROPRIATE TO PREVENT THE GENERATION OF DUST.
7. AT THE TIME OF SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT PERMANENT COVER SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR PERMANENT COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON–VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION SHALL BE EMPLOYED (I.E. EROSION CONTROL FABRIC, RIP–RAP, ETC.).
8. IN THE EVENT THAT AN ON–SITE INSPECTION BY ANY PARTY REVEALS A DEFICIENCY IN THE INSTALLATION AND/OR MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMEDIATION OF THE PROBLEM.
9. FAILURE TO COMPLY WITH THE REQUIRED EROSION AND SEDIMENT CONTROL GUIDELINES MAY RESULT IN FINES LEVIED BY GOVERNMENTAL AGENCIES. ANY FINES SUFFERED DUE TO NON–COMPLIANCE SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.

SEQUENCE OF EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTATION

SITE PREPARATION

1. PRIOR TO ANY SOIL DISTURBANCE, SILT FENCE SHALL BE INSTALLED ALONG ENTIRE DOWN–GRADE OF PROJECT AREA. SILT FENCE SHOWN IN THE PLANS IS FOR BASIC CONTRACTOR GUIDANCE AND ADDITIONAL SILT FENCE SHALL BE INSTALLED IN THE FIELD AS DICTATED BY SURFACE WATER FLOW CONDITIONS ENCOUNTERED.
2. THE CONTRACTOR SHALL INSTALL DITCH CHECKS AND STREAM PROTECTION PER FDOT INDEX 102.
3. SILT FENCE SHALL REMAIN IN PLACE UNTIL ALL UP–GRADE AREAS OF DISTURBANCE HAVE BEEN PERMAMENTLY STABILIZED.
4. TURBIDITY BARRIERS SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF ALL STREAM CROSSINGS.
5. A PROPER CONSTRUCTION ENTERANCE SHALL BE ESTABLISHED AT ALL POINTS OF INGRESS/EGRESS FROM CONSTRUCTION SITE, PER DETAIL PROVIDED IN THE PLANS, OR BY EQUIVALENT MEASURES. ALL CONSTRUCTION ENTRANCES SHALL REMAIN IN PLACE UNTIL INGRESS/EGRESS FROM THE SITE AT THAT POINT HAS STOPPED.

CLEARING AND GRUBBING

1. ALL DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN FOURTEEN (14) DAYS, AND ARE NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL RECEIVE A TEMPORARY SEEDING IMMEDIATELY UPON DISTURBANCE. IF THE SEASON PREVENTS ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREA WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PERS ACRE.
2. ALL DISTURBED AREAS THAT ARE SUBJECT TO HIGH AMOUNTS OF EROSION (I.E. STEEP SLOPES, EMBANKMENTS GREATER THAN 3:1, OR OTHER AS DICTATED BY SITE CONDITIONS) SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH MULCHING WITH STRAW, OR EQUIVALENT MATERIAL, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL.
3. ALL DISTURBED AREAS SHALL, AS A MINIMUM, BE MAITAINED BY WATER TO MINIMIZE THE GENERATION OF DUST.

SITE GRADING

1. THE SITE SHALL, AT ALL TIMES, BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS CONTROLLED BY EROSION AND SEDIMENT CONTROL MEASURES.
2. ALL AREAS USED FOR MATERIAL STOCKPILE, BE IT FILL/EXCAVATED MATERIALS, STONE OR OTHERWISE, ARE TO BE STABILIZED AS APPROPRIATE PER "CLEARING AND GRUBBING" SECTION, AND SHALL HAVE SILT FENCE WITH HAY BALES INSTALLED PER THE DETAILS PROVIDED IN THE PLANS, OR BY EQUIVALENT MEASURES, AROUND THEIR ENTIRE PERIMETER.

FINAL SITEWORK

1. PERMANENT VEGETATION (I.E. SEED AND MULCH, SOD, ETC.) TO BE INSTALLED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING.
2. UPON COMPLETION OF CONSTRUCTION, BUT PRIOR TO FINAL ACCEPTANCE, ALL CONSTRUCTION WASTE AND DEBRIS SHALL BE REMOVED FROM THE SITE AND ALL PAVED ROADWAYS SHALL BE SWEPT CLEAN OF ALL SEDIMENT.
3. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL SUCH TIME WHEN ALL UP–GRADE AREAS HAVE BEEN PERMANENTLY STABILIZED.

Date: 2020.09.05 14:05:27 -05'00'

PHASE ____ REVIEW

SIGNATURE:

ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	Correct (Green Highlighter) Change
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)
		CHANGE INCORPORATION	(Yellow Highlighter)

VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE	
REMARK INCORPORATION	(Blue Highlighter)	DATE	
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE	

DATE		DATE	
DATE		DATE	
DATE		DATE	

CEDARBROOK POND on KLONDIKE RD
RETENTION POND IMPROVEMENT PROJECT
EROSION NOTES & DETAILS

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DRAWN BY: HAH	DESIGNED BY: JWM	CHECKED BY: JWM	REG. ELA. ENG. NO. 39572
DATE: 11/06/19	PROJECT MANAGER: DANIEL GRANATT	BIDS REF.: N/A	DATE: 11/06/19
FIELD BOOK: PAGES: XXXX		SECTION: TOWNSHIP: RANGE: 15-1S-31	SIGNATURE:

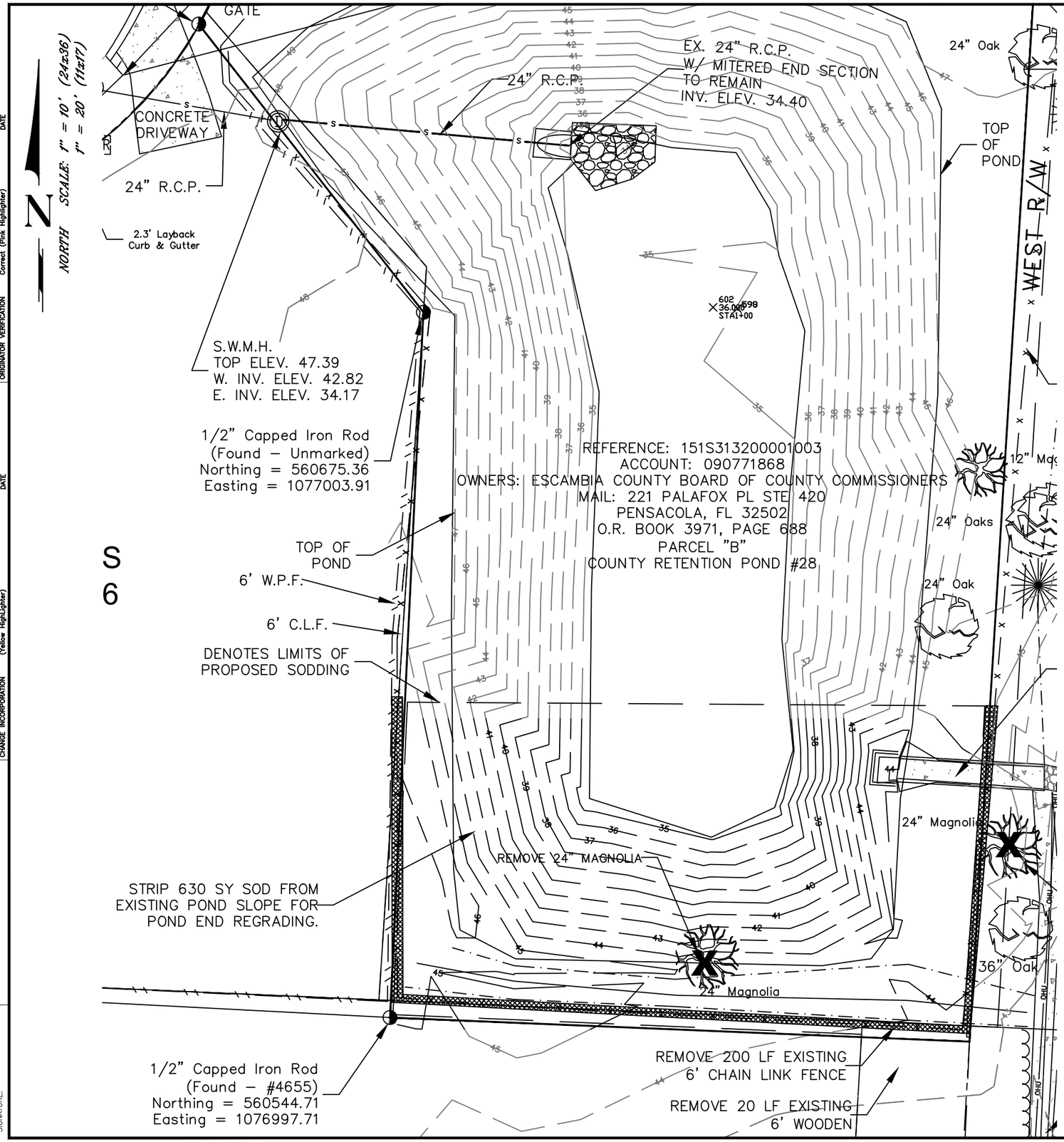
NUMBER	REVISIONS	DATE	APPROVED BY

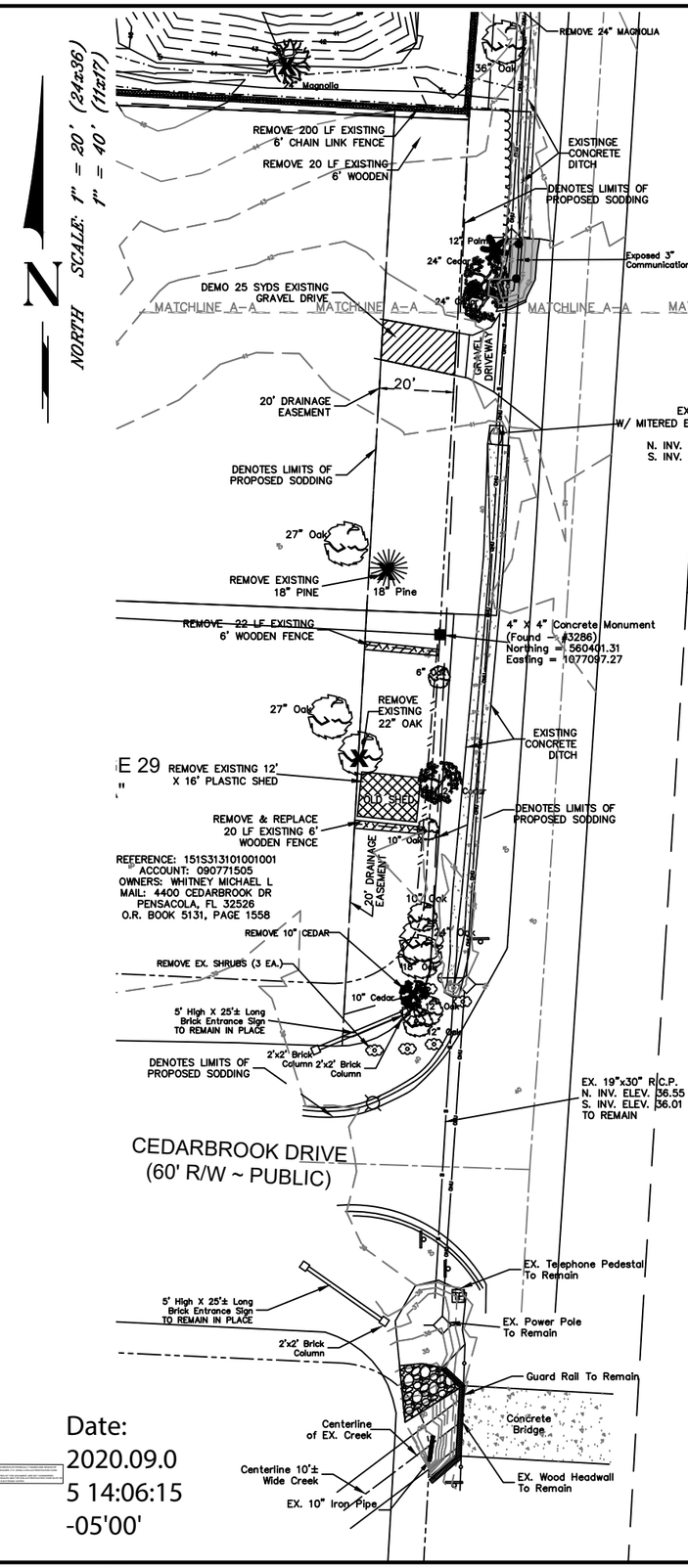
DRAWING NUMBER

PROJECT NUMBER

SURVEY NUMBER

SHEET 5 OF 10





Date:
2020.09.0
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CEDARBROOK POND on KLONDIKE RD
RETENTION POND IMPROVEMENT PROJECT
DEMOLITION SHEET

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DRAWN BY:	HAH
DESIGNED BY:	JWM
CHECKED BY:	JWM
DATE:	11/04/19
PROJECT MANAGER:	DANIEL GRAY
DISTRICT:	1
FIELDBOOK PAGES:	XXXX
SECTION, TOWNSHIP, RANGE:	15-1S-31
REG. FLA. ENG. NO.	39572
SIGNATURE:	
DATE:	

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER

SHEET 6 OF 10

ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	DATE	VERIFICATION, CHECKER (QR)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)		REMARK INCORPORATION	
		CHANGE INCORPORATION		ORIGINATOR VERIFICATION	

Correct (Green Highlighter) Change
(Red Pen X-Out to Disagree or Remark)
(Yellow Highlighter)
(Blue Highlighter)
(Blue Highlighter)
Correct (Pink Highlighter)

PHASE ____ REVIEW
SIGNATURE:

FROM CENTERLINE OF KLONDIKE				
STRUCTURE	EASTING	NORTHING	STA ID #	OFFSET
STA # 0+00	1077060.22	560748.38	0+00	92.42
CLEAN OUT # 1	1077059.80	560677.15	0+71.22	88.38
CLEAN OUT # 2	1077055.33	560677.35	0+71.22	92.85
CLEAN OUT # 3	1077056.21	560598.14	1+50.33	87.02
CLEAN OUT # 4	1077051.69	560598.37	1+50.33	91.55
JUNCTION BOX # 1	1077094.73	560544.16	2+02.48	45.20
CONCRETE MONUMENT	1077097.27	560401.31	3+45.05	33.73
JUNCTION BOX # 2	1077081.73	560307.91	4+39.11	43.27
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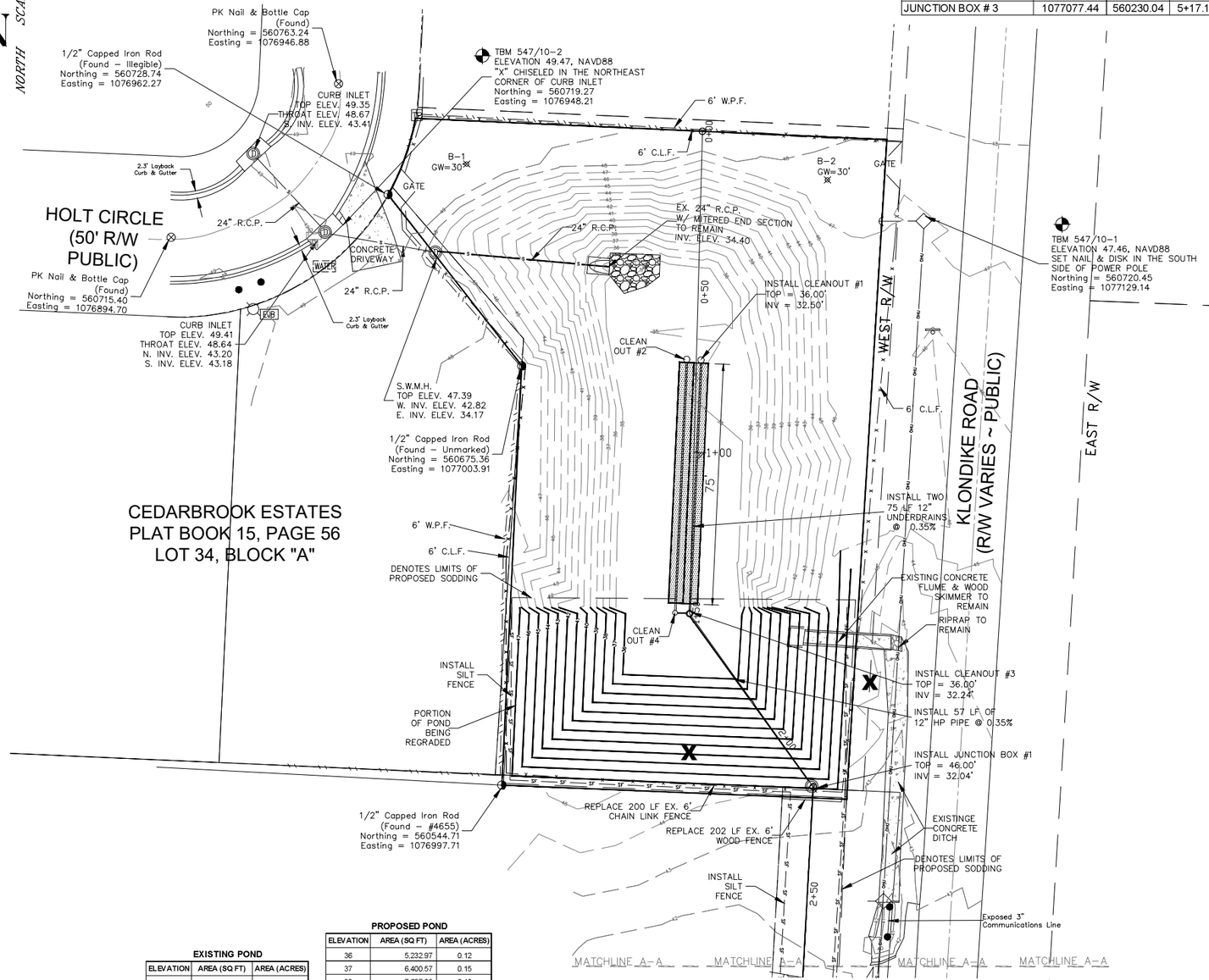
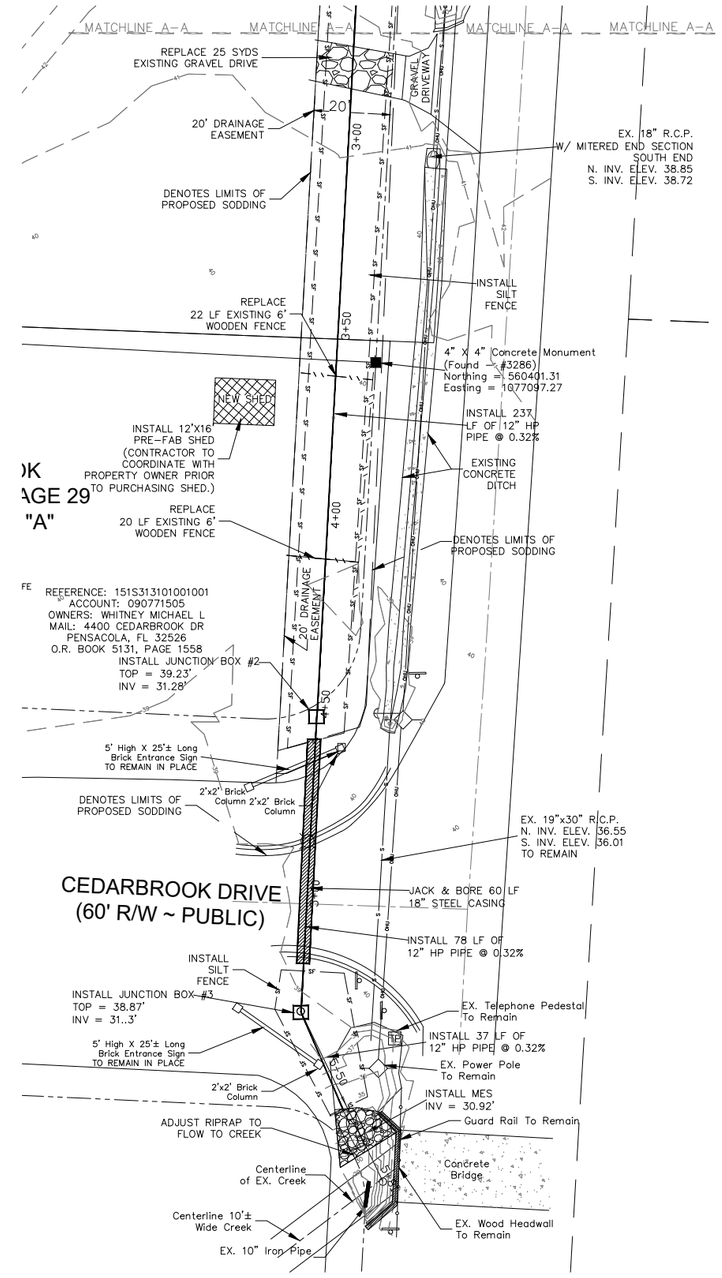


EXISTING POND		
ELEVATION	AREA (SQ FT)	AREA (ACRES)
35	4,476.60	0.10
36	5,652.14	0.13
37	6,461.87	0.15
38	7,323.73	0.17
39	8,249.83	0.19
40	9,235.77	0.21
41	10,284.58	0.24
42	11,390.96	0.26
43	12,562.68	0.29
44	13,793.96	0.32
10	**89,432.12**	**2.05**

PROPOSED POND		
ELEVATION	AREA (SQ FT)	AREA (ACRES)
36	5,232.97	0.12
37	6,400.57	0.15
38	7,627.05	0.18
39	8,924.27	0.20
40	10,292.24	0.24
41	11,730.95	0.27
42	13,240.41	0.30
43	14,820.62	0.34
44	16,471.57	0.38
45	18,193.27	0.42
46	19,985.72	0.46
47	21848.91	0.50
12	**154,768.55**	**3.55**



Date: 2020.09.05 14:07:00 -05'00'

CEDARBROOK POND on KLONDIKE RD
PLAN SHEET

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DRAWN BY: HAH	DESIGNED BY: JWM
DATE: 11/16/19	PROJECT MANAGER: DAMR, GRANT
TIELD BOOK: PAGES: XXXX	SECTION - TOWNSHIP - RANGE 15-1S-31
CHECKED BY: JWM	DISTRICT: 1
REG. FLA. ENG. NO. 39572	SIGNATURE:

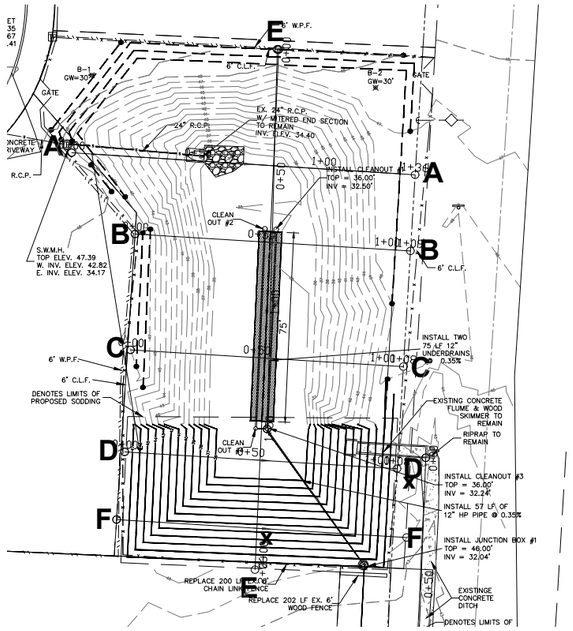
DATE:

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER

SHEET 7 OF 10

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



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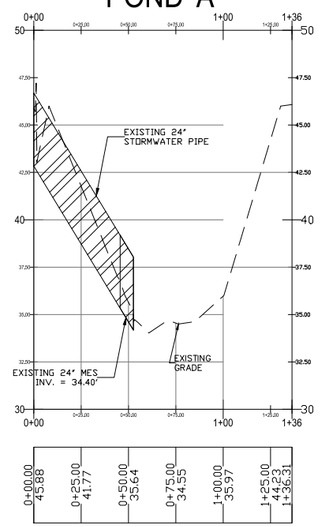

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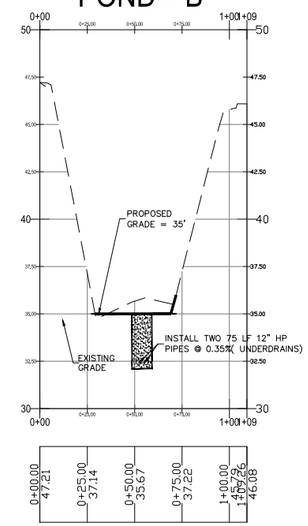

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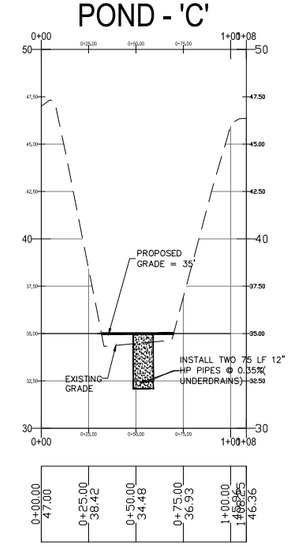

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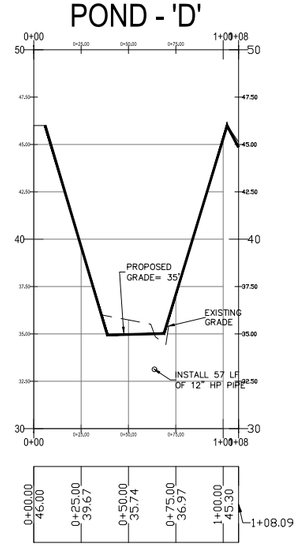
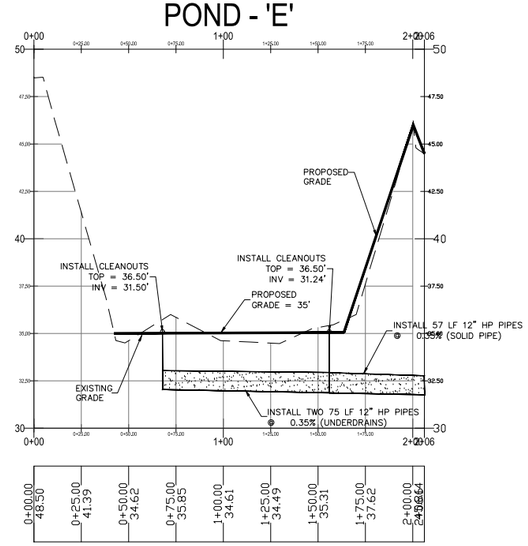
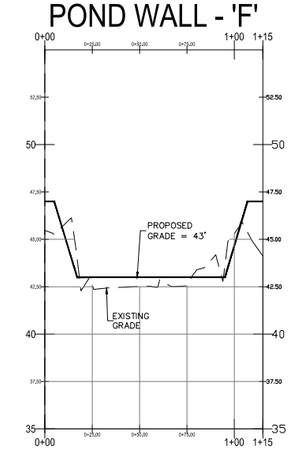


POND - 'E'



POND WALL - 'F'



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CEDARBROOK POND on KLONDIKE RD
PROFILE & SECTION SHEET

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DRAWN BY: HAH	DESIGNED BY: JWM
DATE: July 19	CHECKED BY: JWM
FIELD BOOK/ PAGES: XXXX	PROJECT MANAGER: DAMIS, GRANT
	REG. FLA. ENG. NO. 39572
	SIGNATURE:
	DATE:
	SHEET: 01
	SECTION/ TOWNSHIP/ RANGE: 15-1S-31

NUMBER	REVISIONS	DATE	APPROVED BY

DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER
SHEET 8 OF 10

PHASE ____ REVIEW
SIGNATURE:

ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	
ORIGINATOR (GR)	CHECKED BY (RP)	CHANGE INCORPORATION	Correct (Green Highlighter) Change (Red Pen X-Out to Disagree or Remark) (Yellow Highlighter)
VERIFICATION, CHECKER (GR)	REMARK INCORPORATION	(Blue Highlighter)	(Blue Highlighter)
ORIGINATOR VERIFICATION	Correct (Pink Highlighter)		

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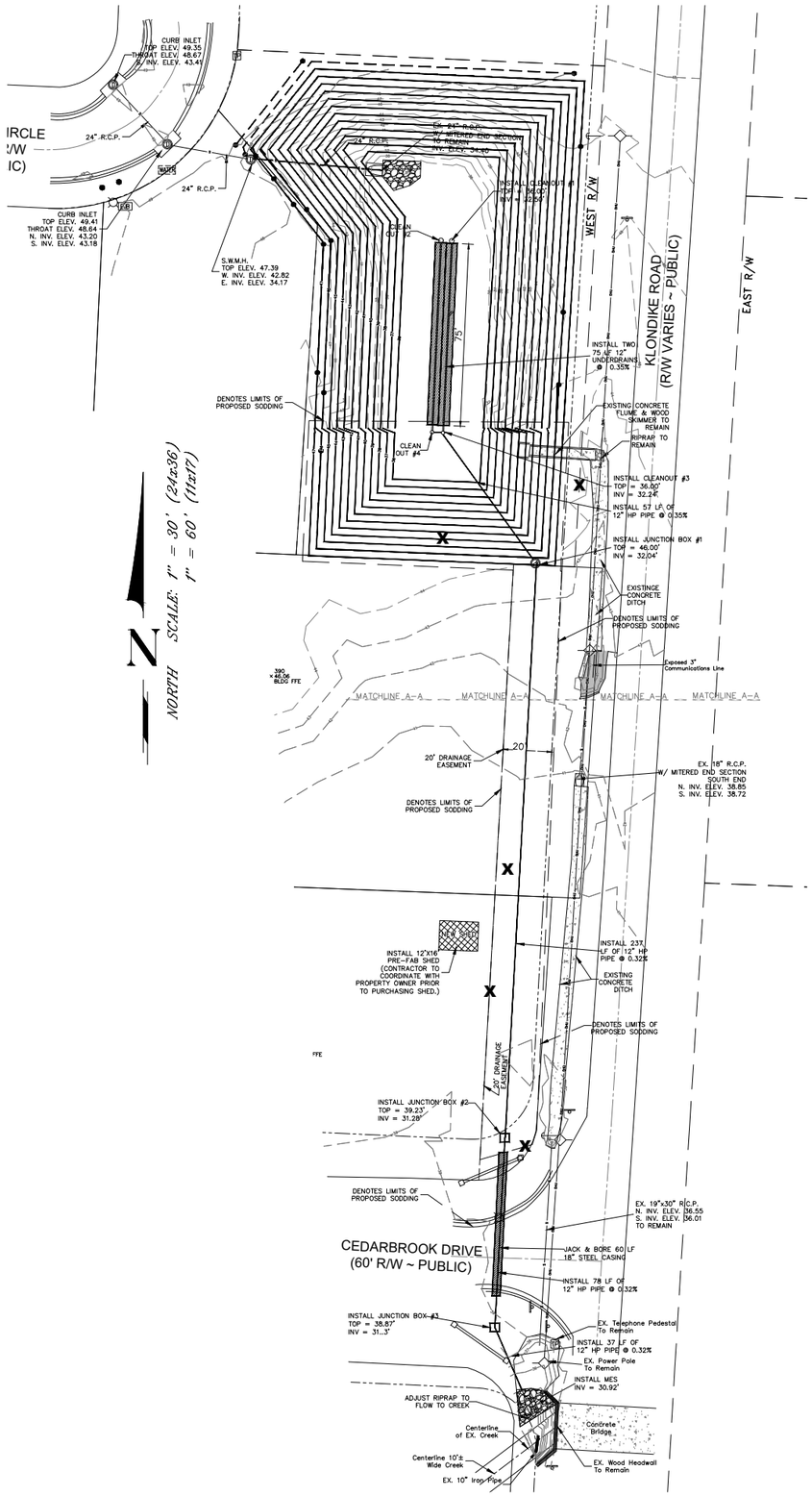
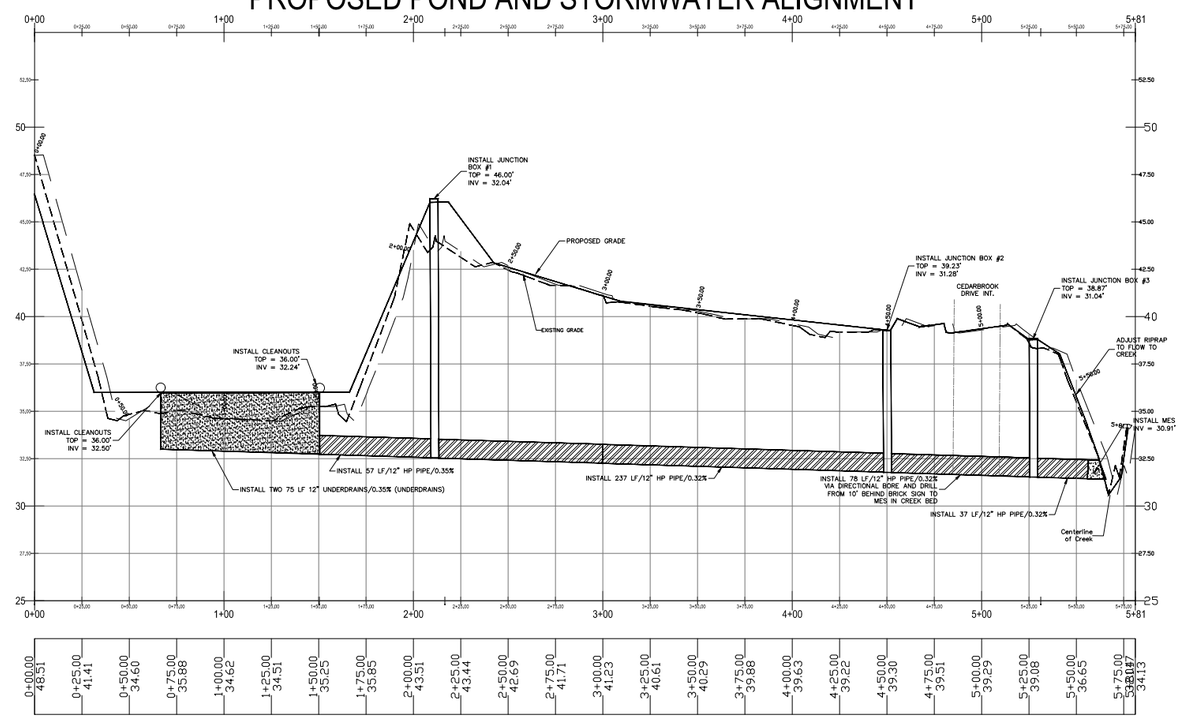


PROPOSED POND AND STORMWATER ALIGNMENT



NORTH SCALE: 1" = 40' (24x36)
1" = 80' (11x17)

Date:
2020.09.0
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CEDARBROOK POND on KLONDIKE RD
PROFILE & SECTION SHEET

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

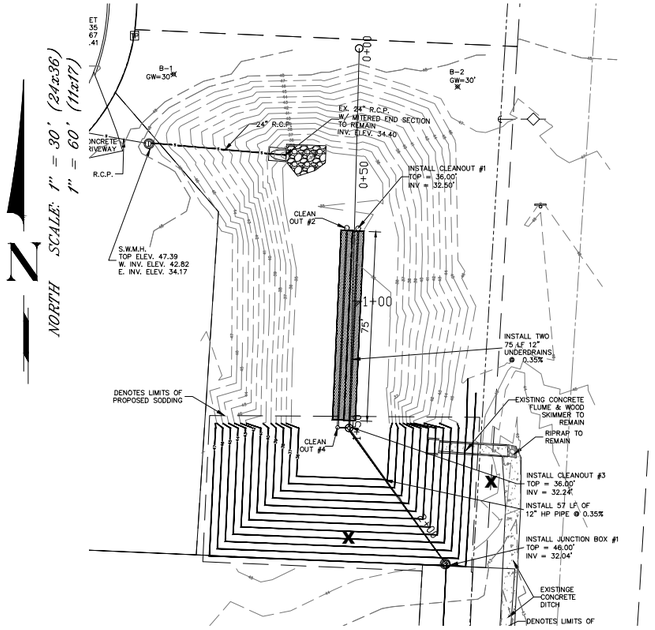
DRAWN BY: HAH	DESIGNED BY: JWM
DATE: 2020-09-19	PROJECT MANAGER: DANIEL GRAHAM
FIELD BOOK, PAGES: XXXX	CHECKED BY: JWM
	DISTRICT: 1
	SECTION, TOWNSHIP, RANGE: 15-1S-31
	REG. FLA. ENG. NO. 39572
	DATE:
	SIGNATURE:

NUMBER	REVISIONS	DATE	APPROVED BY

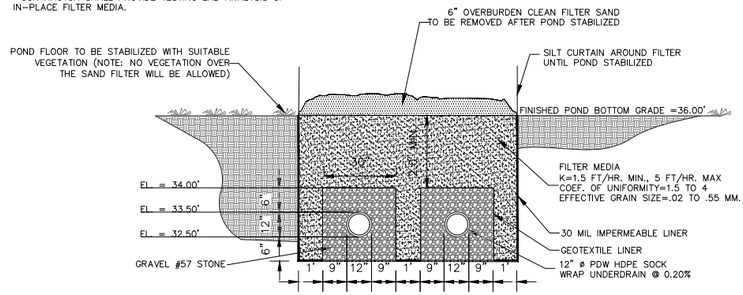
DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER

SHEET 9 OF 10

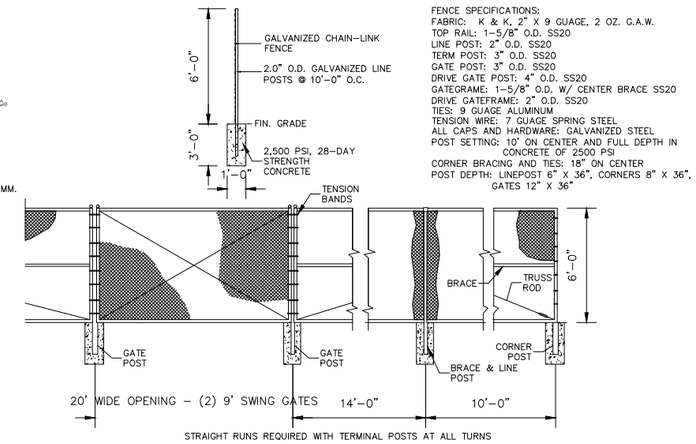
PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (QR)	VERIFICATION, CHECKER (QR) (Blue Highlighter)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW		CHECKER (RP) (Red Pen X-Out to Disagree or Remark)	REMARK INCORPORATION (Blue Highlighter)	
				CHANGE INCORPORATION (Yellow Highlighter)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



POND AND BERM SIDE SLOPES TO BE SODDED AND PINNED IN A MANNER THAT GUARANTEES HEALTHY GROWTH (FREE FROM NOXIOUS WEEDS)



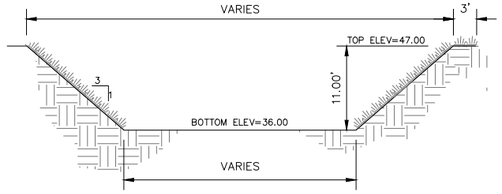
BOTTOM SAND FILTER DETAIL
N.T.S.



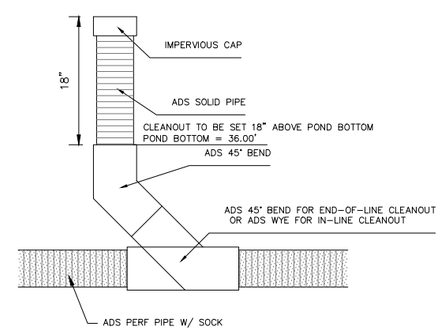
FENCE SPECIFICATIONS:
FABRIC: K & K, 2" X 9 GUAGE, 2 OZ. G.A.W.
TOP RAIL: 1-5/8" O.D. SS20
LINE POST: 2" O.D. SS20
TERM POST: 3" O.D. SS20
GATE POST: 3" O.D. SS20
DRIVE GATE POST: 4" O.D. SS20
GATEGRAME: 1-5/8" O.D. W/ CENTER BRACE SS20
DRIVE GATEFRAME: 2" O.D. SS20
TIES: 9 GUAGE ALUMINUM
TENSION WIRE: 7 GUAGE SPRING STEEL
ALL CAPS AND HARDWARE: GALVANIZED STEEL
POST SETTING: 10' ON CENTER AND FULL DEPTH IN CONCRETE OF 2500 PSI
CORNER BRACING AND TIES: 18" ON CENTER
POST DEPTH: LINEPOST 6" X 36", CORNERS 8" X 36", GATES 12" X 36"

NOTES:
-CHAINLINK FENCE SHALL SATISFY ALL APPLICABLE ESCAMBIA COUNTY SPECIFICATIONS.
-CONTRACTOR TO PROVIDE LOCK AND CHAIN. COUNTY WILL SWAP LOCK AT ACCEPTANCE.

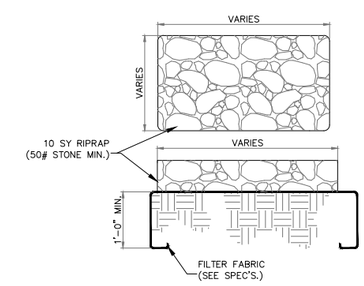
CHAIN LINK FENCE DETAIL
N.T.S.



RETENTION POND NO. 1 CROSS SECTION DETAIL
N.T.S.



CLEANOUT DETAIL
N.T.S.



RIPRAP DETAIL
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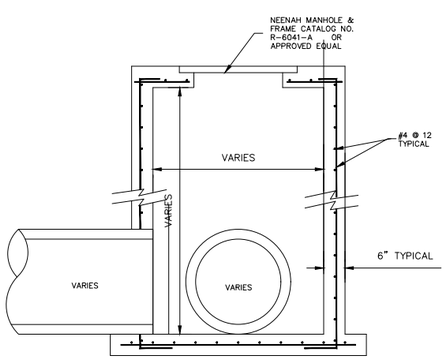

TYPICAL JUNCTION BOX DETAIL
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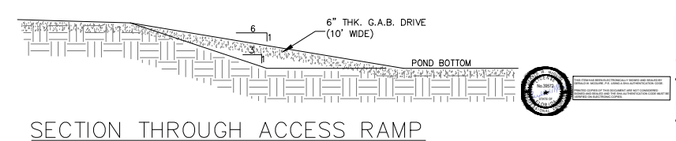

SECTION THROUGH ACCESS RAMP DETAIL
N.T.S.

Date: 2020.09.05 14:10:03 -05'00'

CEDARBROOK POND on KLONDIKE RD
PROFILE & SECTION SHEET

ENGINEERING DIVISION
ESCAMBIA COUNTY, FLORIDA
3363 WEST PARK PLACE, PENSACOLA, FLORIDA 32505

DRAWN BY: HAH	DESIGNED BY: JWM	CHECKED BY: JWM	REG. FLA. ENG. NO. 39572
DATE: 11/14/19	PROJECT MANAGER: DAMIR GRANT	DIST PROJECT: 0	DATE:
FIELD BOOK: PAGES: XXXX		SECTION / TOWNSHIP / RANGE: 15-1S-31	SIGNATURE:

REVISIONS | DATE | APPROVED BY

DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER

SHEET 10 OF 10

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