

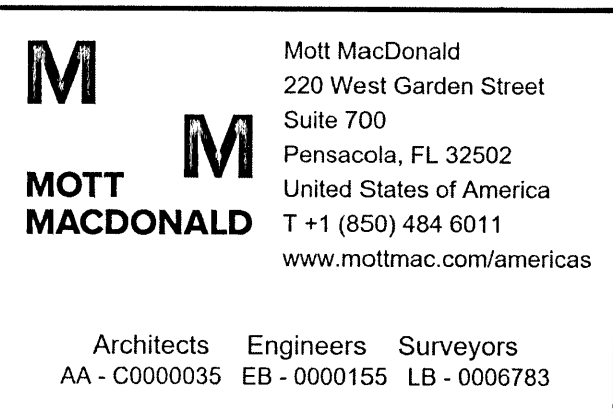
BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA
ENGINEERING DEPARTMENT
CONSTRUCTION MANAGEMENT DIVISION

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CONSULTANT PROJECT NO.

MM PROJECT NO. - 368117



THESE 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 APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

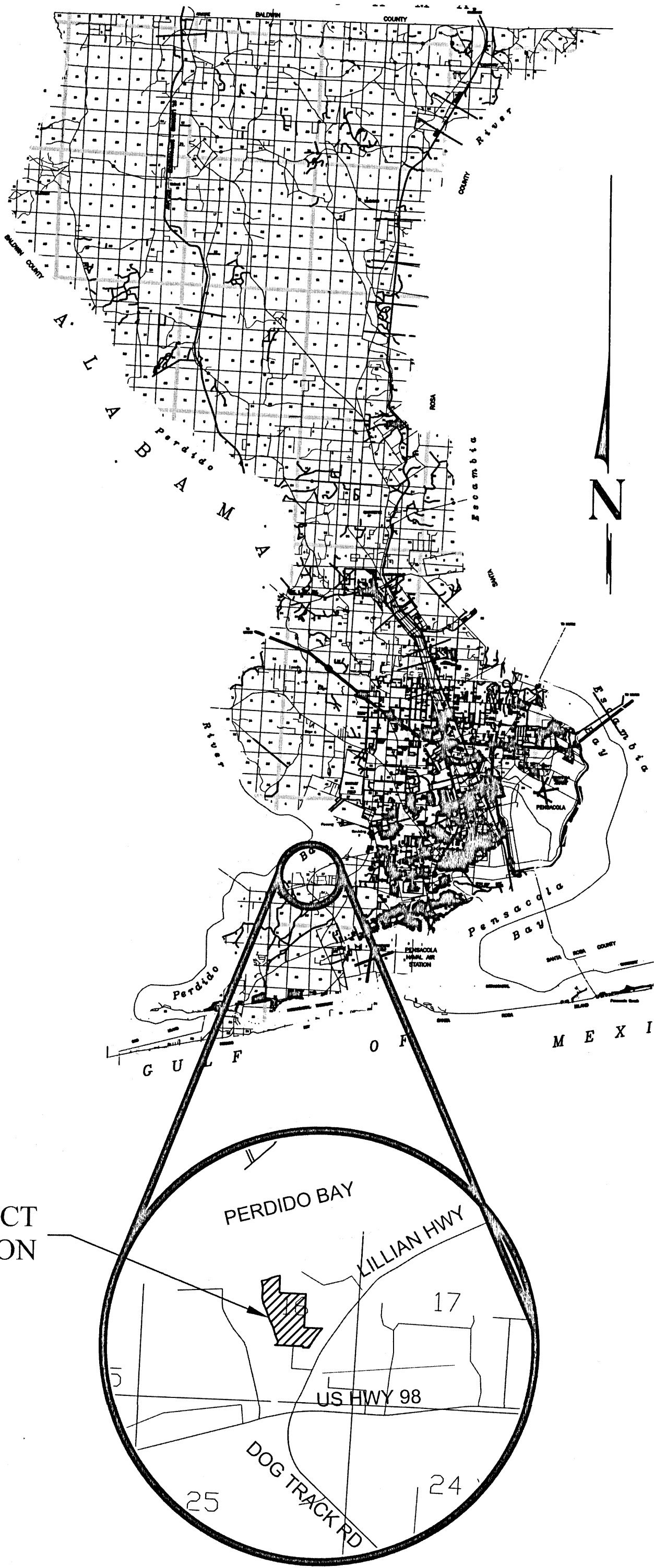
PLANS PROPOSED FOR
PERDIDO BAY BOAT RAMP



PERMIT PLANS
NOT FOR CONSTRUCTION
DECEMBER 2021

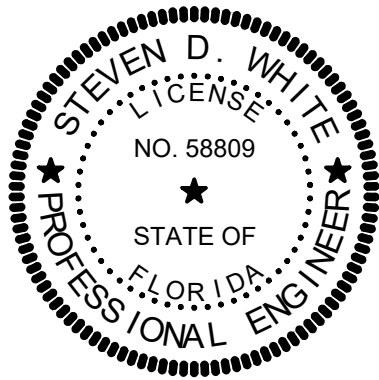
COMMISSIONERS

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



VICINITY MAP

ESCO PROJECT MANAGER: NICK CHAUVIN	MM PROJECT MANAGER: STEVEN D. WHITE
SECTION / TOWNSHIP / RANGE: 16 / 2S / 31	DISTRICT: 1
PROJECT ENGINEER: STEVEN D. WHITE	REG FLA ENG NO: 58809
SIGNATURE:	DATE:



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

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Mott MacDonald Florida, LLC.
220 West Garden Street
Pensacola, FL 32502

CERTIFICATE OF AUTHORIZATION: EB-0000155
STEVEN D. WHITE, P.E. NO. 58809

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
C-001	SIGNATURE SHEET
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Mott MacDonald Florida, LLC.
220 West Garden Street
Pensacola, FL 32502

CERTIFICATE OF AUTHORIZATION: EB-0000155
LOWRY J. DENTY, P.E. NO. 52611

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
S-001	GENERAL NOTES
S-002	STRUCTURE INDEX PLAN
S-003	BOAT RAMP
S-004	WOODEN PIER LAYOUT
S-005 - S-008	DETAILS

Rev	Date	Drawn	Description	Ch'k'd	App'd
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MOTT
MACDONALD

Mott MacDonald Florida, LLC.
220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
T +1 (850) 484 6011
www.mottmac.com/americas

Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

SIGNATURE SHEET

ISSUED FOR PERMIT

THIS DRAWING IS PART OF A DIGITALLY SIGNED AND SEALED SET OF DRAWINGS. IN ACCORDANCE WITH 61G15-23.004, F.A.C. PRINTED COPIES OF THIS DRAWING ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Project Number		B/O		Total	
368117		1		50	
Designed	S. WHITE	Eng check			
Drawn	C. RILEY	Coordination		S. WHITE	
Dwg check		Approved			
Scale at ANSI D	Status	Rev		Security	
NTS	PRE	A		STD	

C-001

User Name: RUI.36259
Time Stamp: Nov 29, 2021 - 2:16:58PM
Drawing Name: C-001 Signature Sheet.dwg
Drawing Path: P:\688117 - esco perdido bay boat ramp\Drawings\Civil\esc drawings\Sheets\Plan Set\

User Name: RL36256
Time Stamp: Nov 29, 2021 - 2:46:43PM
Drawing Name: C-002 General Notes.dwg
Drawing Path: P:\08117 - e-sco perdido bay boat ramp\Drawings\Civil\cad drawings\Sheets\Plan Set

<u>GENERAL NOTES:</u>		COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C03450G AND 12033C0365G, MAP REVISION DATED SEPTEMBER 29, 2006		2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF SEDIMENTATION AND PREVENTION OF EROSION WITHIN THE LIMITS OF THE PROJECT. CONTRACTOR SHALL PROVIDE ANY MATERIAL ITEM OR WORK EFFORT NECESSARY TO PREVENT EROSION AND TO MAINTAIN SEDIMENT ON-SITE THROUGHOUT THE DURATION OF CONSTRUCTION.	
1. THE CONTRACTORS SHALL NOTIFY THE COUNTY DESIGN ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.		29. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, 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.		3. SEE GENERAL NOTES AND DREDGING NOTES FOR ADDITIONAL EROSION CONTROL MEASURES.	
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.		30. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.		<u>DREDGING NOTES:</u>	
3. ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.		31. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.		1. DREDGING CONTRACTOR SHALL ENCAPSULATE THEIR WORK AREA WITHIN TURBIDITY CURTAIN PRIOR TO COMMENCING DREDGING OPERATIONS IN ANY AREA. WORK AREA SHALL REMAIN ENCAPSULATED AT ALL TIMES DURING WORK EFFORTS AND UNTIL SUCH TIME THAT THE TURBIDTY LEVEL WITHIN THE WORK AREA HAS RETURNED TO A LEVEL MEETING ALL STATE/FEDERAL WATER QUALITY STANDARDS AS DISCUSSED BELOW.	
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 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.		32. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.		2. ALL EXCESS MATERIALS, EXCLUSIVE OF DREDGE SPOILS, SHALL BE HAULED AWAY AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.	
5. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ESCAMBIA COUNTY OR ITS DESIGNEE WILL ASSIST CONTRACTOR WITH REQUIRED PERMITS.		33. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETED PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY 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. DRAINAGE CHANNELS, DITCHES, CULVERTS AND SWALES TO REMAIN UNOBSTRUCTED AND FREE FLOWING DURING CONSTRUCTION OF THE PROJECT.	
6. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.		34. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.		4. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE DRAWINGS AND THE GENERAL AND SPECIAL CONDITIONS OF THE UNITED STATES ARMY CORPS OF ENGINEERS PERMITS.	
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.		35. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.		5. PROJECT BATHYMETRY SURVEYED 08 NOVEMBER 2016 USING SONARMITE MILSPEC ECHO SOUNDER AND TRIMBLE R8 GPS POSITIONING EQUIPMENT.	
8. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.		36. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, D'RAINAGE 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.		6. HORIZONTAL DATUM: NAD 83, VERTICAL DATUM: NAVD 88.	
9. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.		37. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770		7. THE INFORMATION DEPICTED HEREIN REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.	
10. EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.		38. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS- BUILT" SIGN OFF FROM THE COUNTY.		8. DISPOSAL OF DREDGED MATERIAL SHALL BE IN THE UPLAND SPOIL LOCATION LOCATED ON THE PROJECT PROPERTY AND SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE PROJECT SPECIFICATIONS. SEE SHEET C-040 FOR LOCATION OF UPLAND DISPOSAL CELL.	
11. ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.		39. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF- WAY.		9. DEBRIS, INCLUDING BUT NOT LIMITED TO METAL BANDS, PIECES OF BROKEN CABLE, ROPE, STUMPS AND BROKEN PILES MAY BE ENCOUNTERED. THECOUNTY HAS NO KNOWLEDGE OF EXISTING WRECKS, WRECKAGE, OR OTHER MATERIAL OF THIS SIZE. DEBRIS REMOVED FROM THE DREDGED AREA SHALL BE REMOVED FROM THE WATER. DISPOSAL SHALL BE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS	
12. ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.		40. ANY AND ALL SIDEWALKS, CURB RAMPS, DRIVEWAYS,& CROSSWALKS TO INCLUDE CROSS SLOPES THAT ARE SCHEDULED TO BE CONSTRUCTED IN THIS PROJECT SHALL BE CONSTRUCTED FOLLOWING THE LATEST ADDITION OF COUNTY STANDARDS, ADA GUIDELINES DESIGN STANDARDS, , PROWAG & FDOT.		10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE THE LOCATION OF UTILITY CROSSINGS. THE CONTRACTOR SHALL TAKE PRECAUTIONS AGAINST DAMAGES WHICH MIGHT RESULT FROM DREDGING OPERATIONS IN THE VICINITY OF ANY UTILITY CROSSINGS. IF ANY DAMAGE OCCURS AS A RESULT OF DREDGING OPERATIONS, THE CONTRACTOR WILL BE REQUIRED TO SUSPEND DREDGING UNTIL THE DAMAGE IS REPAIRED AND APPROVED. COSTS OF THESE REPAIRS AND DOWNTIME OF THE DREDGE AND ATTENDANT PLANT SHALL BE AT THE CONTRACTOR'S EXPENSE.	
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.		<u>UTILITY NOTES:</u>		<u>DREDGING DAILY WATER QUALITY TESTING REQUIREMENTS:</u>	
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.		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.		1. DETERMINE UP-CURRENT AND DOWN-CURRENT DIRECTIONS AROUND PROJECT AREA TO ENABLE DETERMINATION OF WHICH AREAS CONSTITUTE BACKGROUND (UPCURRENT) AND COMPLIANCE TURBIDITY (IMMEDIATELY DOWNSTREAM OF PROJECT AREA AND OUTSIDE OF TURBIDITY CURTAIN).	
15. CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P. AND ARMY CORP. OF ENGINEERS REQUIREMENTS.		2. 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:		2. ACQUIRE ONE BACKGROUND SAMPLE AT LEAST 500 FT. UPCURRENT FROM PROJECT AREA. THIS SAMPLE SHALL SERVE AS THE BASELINE TURBIDITY VALUE FOR THAT DAY ONLY. EVERY EFFORT SHALL BE MADE TO ACQUIRE THIS SAMPLE PRIOR TO COMMENCEMENT OF IN-WATER CONSTRUCTION ACTIVITIES.	
16. 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.		SEWER/WATER - EMERALD COAST UTILITY AUTHORITY MR. MIKE HAMLIN P.O. BOX 15311 PENSACOLA, FL. 32514 PH: (850) 969-3310	ELECTRIC - GULF POWER MR. CHAD SWAILS 5120 DOGWOOD DRIVE MILTON, FL. 32570 PH: (850) 429-2446	3. ACQUIRE ONE COMPLIANCE TURBIDITY SAMPLE WITHIN 15 MINUTES OF COMMENCEMENT OF IN-WATER CONSTRUCTION ACTIVITIES. THEREAFTER, ACQUIRE ONE SAMPLE APPROXIMATELY EVERY HOUR SO THAT A TOTAL OF AT LEAST 10 COMPLIANCE TURBIDITY SAMPLES ARE ACQUIRED FOR THAT DAY. LOG ALL DATA ON TURBIDITY COMPLIANCE INSPECTION FIELD SHEET (TO BE PROVIDED). TURBIDITY MUST ALWAYS BE WITHIN 29 NTUS OF THE DAILY-ESTABLISHED BACKGROUND TURBIDITY VALUE. FOR EXAMPLE, IF THE BACKGROUND READING IS 5 NTUS, THEN THE MAXIMUM ALLOWABLE TURBIDITY COMPLIANCE READING IS 29 NTUS + 5 NTUS = 34 NTUS. MONITOR TURBIDITY AS LONG AS THE MARINE CONSTRUCTION CREW IS WORKING IN THE WATER, REGARDLESS OF WHETHER OR NOT THE REQUISITE 10 TURBIDITY COMPLIANCE SAMPLES HAVE ALREADY BEEN ACQUIRED. 10 SAMPLES SHALL NOT BE REQUIRED IF WEATHER CONDITIONS OR OTHER ADVERSE CONDITIONS STOP WORK FOR THE DAY. IN ADDITION, IF IN-WATER WORK IS TEMPORARILY SUSPENDED DURING THE DAY, 10 SAMPLES SHALL NOT BE REQUIRED. SAMPLING SHOULD BE AS EVENLY DISTRIBUTED TIME-WISE THROUGHOUT THE DAY AND SHOULD ONLY OCCUR DURING IN-WATER WORK. IN THE EVENT THAT AN OBVIOUS SEDIMENT PLUME IS OBSERVED AT OR NEAR THE WATER SURFACE AND APPEARS TO BE ASSOCIATED WITH THE PROJECT, A SAMPLE SHOULD BE TAKEN IMMEDIATELY, REGARDLESS OF WHEN THE PREVIOUS SAMPLE WAS TAKEN.	
17. IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:		NATURAL GAS - ENERGY SERVICES OF PENSACOLA MR. SHAWN HARRIS 1625 ATWOOD DRIVE PENSACOLA, FL. 32514 PH: (850) 474-5310 857-4564	CABLE - COX CABLE MR. TROY YOUNG 2421 EXECUTIVE PLAZA PENSACOLA, FL. 32504 PH: (850)	4. IF AT ANY TIME DURING MARINE CONSTRUCTION THE TURBIDITY OUTSIDE OF THE TURBIDITY CURTAIN EXCEEDING THE MAXIMUM ALLOWABLE TURBIDITY COMPLIANCE READING, THE CONTRACTOR SHALL CEASE ALL WORK CONTRIBUTING TO INCREASED TURBIDITY. WORK WHICH MAY CONTRIBUTE TO THE TURBIDITY SHALL NOT RESUME UNTIL CORRECTIVE MEASURES HAVE BEEN TAKEN, AND TURBIDITY LEVELS HAVE RETURNED TO ACCEPTABLE LEVELS.	
18. 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.		TELEPHONE - AT&T FLORIDA MR. HAL HINOTE 2221 INDUSTRIAL DRIVE PANAMA CITY, FL. 32405 PH: (850) 913-3709	SUNSHINE STATE ONE-CALL 7200 LAKE ELLENOR DRIVE, SUITE 200 ORLANDO, FL. 32809 PH: (800) 432-4770		
19. GRADED AGGREGATE BASE SHALL BE REQUIRED WHERE THE SEASONAL HIGH GROUND WATER ENCROACHES WITHIN TWO (2) FEET OF THE BOTTOM OF BASE.		TRAFFIC DEPARTMENT - ESCAMBIA COUNTY PUBLIC WORKS MRS. JOHNNY COX 3363 WEST PARK PLACE PENSACOLA, FL. 32505 PH:(850) 595-3404			
20. ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED IN PLANS.		3. AT&T FLORIDA WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM - 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORKWORK.			
21. ALL COMPACTED FILL SHALL BE PLACED IN 4" LIFTS FOR HAND POWERED TAMPERS AND 8" LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.		4. 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.			
22. MAINTENANCE OF TRAFFIC AS PER FDOT INDEX 600.		5. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.			
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.		6. 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.			
24. 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.		<u>DEMOLITION NOTES:</u>			
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.		1. ALL ASPHALT AND CONCRETE SHALL BE SAW CUT AT EDGES TO REMAIN.			
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.		2. SAW CUTS SHALL BE MADE IN A NEAT WORKMAN LIKE MANNER.			
27. IN THE EVENT THAT UNMARKED HUMAN REMIANS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05		3. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS, AT NO ADDITIONAL COST TO THE OWNER.			
28. THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE AE, BASE FLOOD ELEVATION 6 (AREAS SUBJECT TO INUNDATION BY THE 1-PERCENT-ANNUAL-CHANCE FLOOD EVENT DETERMINED BY DETAILED METHODS, BFES ARE SHOWN WITHIN THESE ZONES), AND IN FLOOD ZONE A, (AREAS SUBJECT TO INUNDATION BY THE 1-PERCENT-ANNUAL-CHANCE FLOOD EVENT, BECAUSE DETAILED HYDRAULIC ANALYSES TO HAVE NOT BEEN PERFORMED, NO BASE FLOOD ELEVATIONS (BFES) OR FLOOD DEPTHS ARE SHOWN), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA,		<u>EROSION CONTROL NOTES:</u>			
		1. EROSION CONTROL MEASURES SHOWN HERE ON ARE TO BE CONSIDERED THE MINIMUM INSTALLATION REQUIREMENTS.			

Rev	Date	Drawn	Description	Ch'k'd	App'd
<div><div>M</div><div>M</div><div>MOTT MACDONALD</div></div>			<div>Mott MacDonald Florida, LLC. 220 West Garden Street Suite 700 Pensacola, FL 32502 United States of America T +1 (850) 484 6011 www.mottmac.com/americas</div>		
Architects AA - C0000035			Engineers EB - 0000155	Surveyors LB - 0006783	
Client					
Escambia County Board of County Commissioners					
Title					
Perdido Bay Boat Ramp					
GENERAL NOTES					
ISSUED FOR PERMIT					
THIS DRAWING IS PART OF A DIGITALLY SIGNED AND SEALED SET OF DRAWINGS. IN ACCORDANCE WITH 61G15-23.004, F.A.C. PRINTED COPIES OF THIS DRAWING ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.					
Project Number			B/O	Total	
368117			2	50	
Designed	S. WHITE		Eng check		
Drawn	C. RILEY		Coordination	S. WHITE	
Dwg check			Approved		
Scale at ANSI D		Status	Rev	Security	
		PRE	A	STD	
Drawing Number					
C-002					

User Name: RIL36259
Time Stamp: Nov 25, 2021 - 2:17:59PM
Drawing Name: C-003 Summary of Pay Items.dwg
Drawing Path: P:\088117 - esco perdido bay boat ramp\Drawings\Civil\esd drawings\Sheets\Plan Set\

Summary of Pay Items		
Item	Estimated Quantity	Unit
Mobilization	1	LS
Maintenance of Traffic	1	LS
Clearing and Grubbing	9	AC
Demolish and Remove Existing Building	2	EA
Demolish and Remove Existing Dock	1	LS
Relocate Existing Utility Pole	1	EA
Sawcut Existing Asphalt	128	LF
Remove Existing Asphalt	83	CF
Silt Fence	8271	LF
Floating Turbidity Barrier	340	LF
Earthwork Excavate, Haul, and Install, On-site	3062	CY
Earthwork Borrow, FDOT Specification 120-2.2.2	7504	CY
FDOT Type SP-12.5 Asphalt (2" thickness)	12837	SY
8" Graded Aggregate Base	12837	SY
12" Stabilized Subgrade	12837	SY
Concrete Wheel Stop	84	EA
Thermoplastic 4" Solid Stripe, White	4983	LF
Thermoplastic 4" Solid Stripe, Yellow	257	LF
Thermoplastic 4" Double Solid Stripe, Yellow	814	LF
Thermoplastic Directional Arrow, Single Head (Straight Ahead) White	7	EA
Thermoplastic Directional Arrow, Double Head White	1	EA
Thermoplastic "ONLY" Pavement Message	2	EA
Thermoplastic Directional Arrow, Single Head (Turn Left) White	2	EA
Thermoplastic 24" Solid Stop Bar Stripe, White	117	LF
Thermoplastic Pedestrian Crosswalk, White	94	LF
Thermoplastic Handicap Parking Space with Symbol	5	EA
Thermoplastic Lettering, White	42	EA
Stop Sign (R01-01)	5	EA
Do Not Enter Sign (R05-01)	1	EA
One Way Sign (R06-01L)	2	EA
Pedestrian Crossing Sign (W11-2)	1	EA
Diagonal Downward Pointing Arrow Sign (W16-7pl)	1	EA
Handicap Parking Sign	5	EA
5' Concrete Sidewalk (4" Fiber Reinforced)	900	LF
6' Concrete Sidewalk (4" Fiber Reinforced)	270	LF
Concrete Paving (Two Trash Receptacle Pads and One Kiosk Pad, 4" thickness)	2	CY
Picnic Pavillion - Concrete (includes 2 tables)	1	EA
Dewatering & Temp Sheet Piles at Ramps	1	LS
Vinyl Sheet Piles, Permanent at Ramps	5200	SF
Boat Ramp (includes concrete, geotextile, bedding)	1	LS
North Pier	1225	SF
South Pier	1225	SF
Portable Toilets Pavilion w/ Screen Wall	1	EA
Entrance Sign	1	EA
Kiosk	1	EA
Bollards with Cable	1	LS
Solar Light	2	EA
12" Timber Piles (material only)	320	LF
Timber Pile Installation	8	EA
Daymarker (Red Triangle)	4	EA
Daymarker (Green Square)	4	EA
Dredging Operations Mobilization and Demobilization	1	LS
Dredging Operations Environmental Protection BMPs	1	LS
Clean Material Dredging	5065	CY
Contaminated Material Dredging	2813	CY
Dredge Spoils Placement Area Excavation	4000	CY

Summary of Pay Items		
Item	Estimated Quantity	Unit
Clean Dredge Material Geotextile Tubes	1	LS
Contaminated Dredge Material Geotextile Tubes	1	LS
Dredge Spoils Placement Area Final Grading	1	LS
Dredge Spoils Placement Area Planting and Hydroseeding	1	LS
18" MES	1	EA
24" MES	3	EA
14"x23" MES	2	EA
Ditch Bottom Inlet, Type D, 0'-6' depth	3	EA
FDOT Type J-7 Manhole (6' Ø)	2	EA
18" RCP	409	LF
24" RCP	244	LF
14" x 23" ERCP	85	LF
Rip Rap (18" thick with 4" bedding stone and geotextile)	29	SY
Topsoil	29928	SY
Centipede Sod, Staked, over 1000sy	15679	SY
Mitigation Tree	89	EA
Landscaping Tree	15	EA

Rev	Date	Drawn	Description	Ch'k'd	App'd
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M

M

MOTT
MACDONALD

Mott MacDonald Florida, LLC.
220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
T +1 (850) 484 6011
www.mottmac.com/americas

Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

SUMMARY OF PAY ITEMS

ISSUED FOR PERMIT

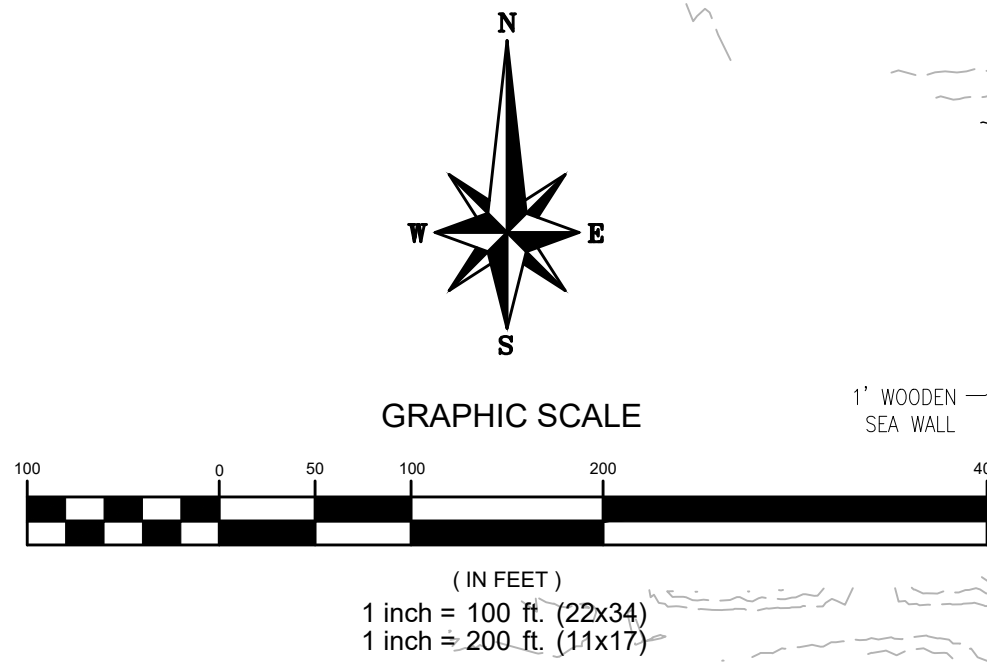
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Project Number		B/O		Total	
368117		3		50	
Designed	S. WHITE	Eng check			
Drawn	C. RILEY	Coordination		S. WHITE	
Dwg check		Approved			
Scale at ANSI D		Status	Rev	Security	
		PRE	A	STD	

Drawing Number

C-003

MATCHLINE - SEE SHT. C-005



DEMOLITION NOTES:

- ALL DOCK PILINGS SHALL BE FULLY REMOVED. CUTTING OF PILES BELOW WATER SURFACE SHALL NOT BE PERMITTED.
- ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
- ALL TURBIDITY BARRIERS SHALL BE INSTALLED PRIOR TO REMOVING/DEMOLISHING THE OLD DOCK, PILINGS, AND ANY OTHER MARINE FEATURES. TURBIDITY BARRIERS SHALL BE INSPECTED REGULARLY, AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE AND WATERWAY BECOME STABILIZED.
- SEE SHEET C-039 FOR ADDITIONAL DREDGING OPERATION EROSION CONTROL REQUIREMENTS.
- ESCAMBIA COUNTY SHALL ARRANGE FOR A LISTED SPECIES SURVEY OF THE SITE TO BE CONDUCTED WITHIN 90 DAYS PRIOR TO ANY SITE DEVELOPMENT/DISTURBANCE ACTIVITIES.

LEGAL DESCRIPTION PER OFFICIAL RECORDS BOOK 7061, PAGE 333

GOVERNMENT LOT 11 LESS AND EXCEPT THE EAST 1980 FEET THEREOF1 SECTION 161 TOWNSHIP 2 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA1 TOGETHER WITH ALL RIPARIAN RIGHTS.

ALL OF THAT PORTION OF GOVERNMENT LOT 41 LYING EAST OF THE CENTER OF THE CHANNEL OF HERON BAYOU, SECTION 16, TOWNSHIP 2 SOUTH, RANGE 31 WEST AND NORTH OF THE NORTH LINE OF THAT CERTAIN DRAINAGE EASEMENT DESCRIBED IN THAT CERTAIN DEED FROM E. C. MAXWELL TO THE STATE OF FLORIDA DATED OCTOBER 10, 1945 AND RECORDED IN DEED BOOK 213, PAGE 267, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA. TOGETHER WITH ALL RIPARIAN RIGHTS.

A RIGHT OF WAY OVER AND ALONG THE SOUTH 15 FEET OF THE NORTH 660 FEET OF GOVERNMENT LOT 5, LYING WEST OF STATE ROAD NO. 298, SECTION 16, TOWNSHIP 2 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA.

A PERPETUAL NON-EXCLUSIVE EASEMENT OVER AND UPON THE NORTH 20 FEET OF THE SOUTH 50 FEET OF THE FOLLOWING DESCRIBED REAL PROPERTY IN ESCAMBIA COUNTY, FLORIDA: COMMENCE AT THE SOUTHEAST CORNER OF SECTION 161 TOWNSHIP 2 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE NORTH 2 DEGREES 04 MINUTES 00 SECONDS WEST ALONG THE EAST LINE OF SAID SECTION 16 FOR A DISTANCE OF 1,827.13 FEET; THENCE SOUTH 87 DEGREES 36 MINUTES 41 SECONDS WEST FOR A DISTANCE OF 870.08 FEET TO THE WESTERLY RIGHT OF WAY LINE OF STATE ROAD NO. 298 (LILLIAN HIGHWAY 66 FOOT RIGHT OF WAY) FOR THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 87 DEGREES 36 MINUTES 41 SECONDS WEST FOR A DISTANCE OF 452.05 FEET; THENCE SOUTH 1 DEGREE 58 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 498.03 FEET; THENCE NORTH 87 DEGREES 37 MINUTES 06 SECONDS EAST FOR A DISTANCE OF 141.68 FEET TO THE POINT ON THE WESTERLY RIGHT OF WAY LINE OF STATE ROAD NO. 298, SAID POINT BEING ON A CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 3,320.36 FEET A DELTA ANGLE OF 8 DEGREES 37 MINUTES 30 SECONDS (A CHORD DISTANCE OF 499.38 FEET, A CHORD BEARING OF NORTH 29 DEGREES 11 MINUTES 21 SECONDS EAST); THENCE ALONG ARC OF SAID CURVE FOR A DISTANCE OF 499.83 FEET TO THE POINT OF TANGENCY; THENCE NORTH 33 DEGREES 30 MINUTES 06 SECONDS EAST FOR A DISTANCE OF 89.59 FEET TO THE POINT OF BEGINNING; ALL LYING AND BEING IN SECTION 16, TOWNSHIP 2 SOUTH1 RANGE 31 WEST.

PARCEL 2:

COMMENCE AT THE SOUTHEAST CORNER OF SECTION 161 TOWNSHIP 2 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE NORTH 2 DEGREES 04 MINUTES 00 SECONDS WEST ALONG THE EAST LINE OF SAID SECTION 16 FOR A DISTANCE OF 1,827.13 FEET; THENCE SOUTH 87 DEGREES 36 MINUTES 41 SECONDS WEST FOR A DISTANCE OF 870.08 FEET TO THE WESTERLY RIGHT OF WAY LINE OF STATE ROAD NO. 298 (LILLIAN HIGHWAY 66 FOOT RIGHT OF WAY) FOR THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 87 DEGREES 36 MINUTES 41 SECONDS WEST FOR A DISTANCE OF 452.05 FEET; THENCE SOUTH 1 DEGREE 58 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 498.03 FEET; THENCE NORTH 87 DEGREES 37 MINUTES 06 SECONDS EAST FOR A DISTANCE OF 141.68 FEET TO A POINT ON THE WESTERLY RIGHT OF WAY LINE OF SAID STATE ROAD NO. 298, SAID POINT BEING ON A CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 3,320.36 FEET, A DELTA ANGLE OF 8 DEGREES 37 MINUTES 30 SECONDS (A CHORD DISTANCE OF 499.36 FEET, A CHORD BEARING OF NORTH 29 DEGREES 11 MINUTES 21 SECONDS EAST); THENCE ALONG THE ARC OF SAID CURVE FOR A DISTANCE OF 499.83 FEET TO THE POINT OF TANGENCY; THENCE NORTH 33 DEGREES 30 MINUTES 06 SECONDS EAST FOR A DISTANCE OF 89.59 FEET TO THE POINT OF BEGINNING.

MEAN HIGH WATER LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	54.15	N68° 17' 42"E
L2	71.57	N22° 01' 18"E
L3	188.60	N22° 48' 21"W
L4	176.72	N15° 09' 41"W
L5	278.99	N24° 50' 45"W
L6	200.45	N18° 28' 30"W
L7	187.19	N24° 46' 51"W
L8	153.74	N10° 15' 58"W
L9	218.37	N4° 19' 13"E
L10	152.58	N8° 33' 02"W
L11	187.19	N19° 19' 56"W
L12	115.27	N74° 37' 21"E
L13	47.48	N76° 57' 00"E
L14	38.46	N61° 01' 41"E
L15	69.82	N67° 07' 22"E
L16	76.05	N72° 19' 45"E
L17	59.43	N74° 39' 46"E
L18	77.30	N78° 46' 09"E

DEMOLISH & REMOVE EXIST. TREE (TYP.)

DEMOLISH & REMOVE EXIST. BUILDING

INSTALL 340 LF OF FLOATING/STAKED TURBIDITY BARRIER (SEE DETAIL)

DEMOLISH & REMOVE EXIST. DOCK

INSTALL & MAINTAIN 1124 LF OF DOUBLE ROW SILT FENCE ADJACENT TO WETLAND (SEE DETAIL)

SUBMERGED AQUATIC VEGETATION

INSTALL & MAINTAIN 260 LF OF SILT FENCE (SEE DETAIL)

INSTALL & MAINTAIN 1130 LF OF SILT FENCE (SEE DETAIL)

ESCAMBIA COUNTY/ USACE/FDEP WETLAND 'A' 11.52 AC.

DEMOLISH & REMOVE EXIST. BUILDING

INSTALL & MAINTAIN 186 LF OF SILT FENCE (SEE DETAIL)

INSTALL & MAINTAIN 762 LF OF DOUBLE ROW SILT FENCE ADJACENT TO WETLANDS (SEE DETAIL)

RELOCATE AGGREGATE STOCKPILE AS DIRECTED BY ENGINEER

ESCAMBIA COUNTY/ USACE/FDEP WETLAND 'B' 0.11 AC.

LIMITS OF CLEARING & GRUBBING

SURVEYOR'S NOTES

- NORTH AND BEARINGS ARE GRID BASED ON THE NORTH AMERICAN DATUM 1983 PER THE STATE OF FLORIDA'S (FPN) CONTINUALLY OPERATING REFERENCE STATION (CORS) *PENSACOLA*. REFERENCE LINE FOR THIS SURVEY IS ALONG THE EAST LINE OF GOVERNMENT LOT 4 BEING S 02°37'46" W.
- NO TITLE SEARCH WAS PERFORMED BY NOR FURNISHED TO MOTT MACDONALD FLORIDA LLC FOR THE PURPOSES OF THE BOUNDARY SURVEY SHOWN HEREON.
- THE OPINION OF THE LOCATION AND EXTENT OF THE PROPERTY REPRESENTED & RIGHT OF WAYS BY THE SURVEY DOES NOT GUARANTEE TITLE TO NOR DETERMINE OWNERSHIP TO ANY PERSONS OR PARTIES.
- ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 PER THE ARMY CORP OF ENGINEERS CONVERSION SOFTWARE AND THE PREVIOUS SURVEY BY MERRILL PARKER SHAW, INC., JOB #04-1550-2, DATED 8/16/04. THIS SURVEY IS SHIFTED DOWN 0.243' FROM NGVD29 TO NAVD88.
- RIGHT OF WAYS AND PARCELS LINES ARE FIELD SURVEYED AND MAPPED PER PREVIOUS SURVEY BY MERRILL PARKER SHAW, INC., JOB #04-1550-2, DATED 8/16/04.
- THE MEAN HIGH WATERLINE ELEVATION AS SHOWN HEREON IS BASED ON THE PROJECTED ELEVATION OF 0.78' FROM TIDE INTERPOLATION POINT ID: 3402 PER LABINS.ORG.
- INDIVIDUAL TREES AND THEIR RESPECTIVE SIZES, SPECIES AND CONDITIONS WERE PROVIDED TO THE SURVEYOR BY WETLAND SCIENCES INCORPORATED. THESE LOCATIONS ARE NOT SURVEYED. SAID TREES ARE PLOTTED PER GIVEN COORDINATES.
- WETLAND LINES AS SHOWN HEREON ARE PER WETLAND SCIENCES DELINEATIONS PER FILE NAMED WETLAND LINES FROM WETLAND SCIENCES, DATED 03-16-2017.

LEGEND & ABBREVIATIONS

(M) = PER MAP	P.O.B. = POINT OF BEGINNING
(D) = PER DEED	P.O.C. = POINT OF COMMENCEMENT
(F) = PER FIELD	R/W = RIGHT OF WAY
FND. = FOUND	WETLANDS
[TELEPHONE PEDESTAL] = TELEPHONE PEDESTAL	DELINEATOR POST
[SINGLE SUPPORT SIGN] = SINGLE SUPPORT SIGN	FLAG POLE
[ELECTRIC OUTLET] = ELECTRIC OUTLET	FIRE HYDRANT
[FLOOD LIGHT] = FLOOD LIGHT	SHARED POLE
[GUY POLE] = GUY POLE	SERVICE CABINET
[LIGHT POLE] = LIGHT POLE	GAS VALVE COVER
[ELECTRIC METER] = ELECTRIC METER	SEWER VALVE COVER
[GAS] = GAS METER	WATER VALVE COVER
[WATER] = WATER METER	VALVE COVER
[SEWER MANHOLE] = SEWER MANHOLE	GAS VALVE
[TELEPHONE MANHOLE] = TELEPHONE MANHOLE	SEWER VALVE
[DRAINAGE MANHOLE] = DRAINAGE MANHOLE	WATER VALVE
[POWER POLE] = POWER POLE	VALVE UNKNOWN
[GUY WIRE ANCHOR] = GUY WIRE ANCHOR	COLUMN
[FENCE AS DENOTED] = FENCE AS DENOTED	MAILBOX
[FENCE AS DENOTED] = FENCE AS DENOTED	CLEANOUT
[GAS LINE] = GAS LINE	
[WATER LINE] = WATER LINE	
[BURIED TELEPHONE LINE] = BURIED TELEPHONE LINE	
[RIGHT OF WAY LINE] = RIGHT OF WAY LINE	
[APPROXIMATE PROPERTY LINE] = APPROXIMATE PROPERTY LINE	
[VEGETATION LINE] = VEGETATION LINE	
[WETLAND LINES PER WETLAND SCIENCES] = WETLAND LINES PER WETLAND SCIENCES	

Rev	Date	Drawn	Description	Ch'd	App'd
A	10/20/21	CR	ESCAMBIA COUNTY DRC COMMENT	SW	SW

MOTT MACDONALD

Mott MacDonald Florida, LLC.
220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
T +1 (850) 484 6011
www.mottmac.com/americas

Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client
Escambia County Board of County Commissioners

Title
Perdido Bay Boat Ramp

EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

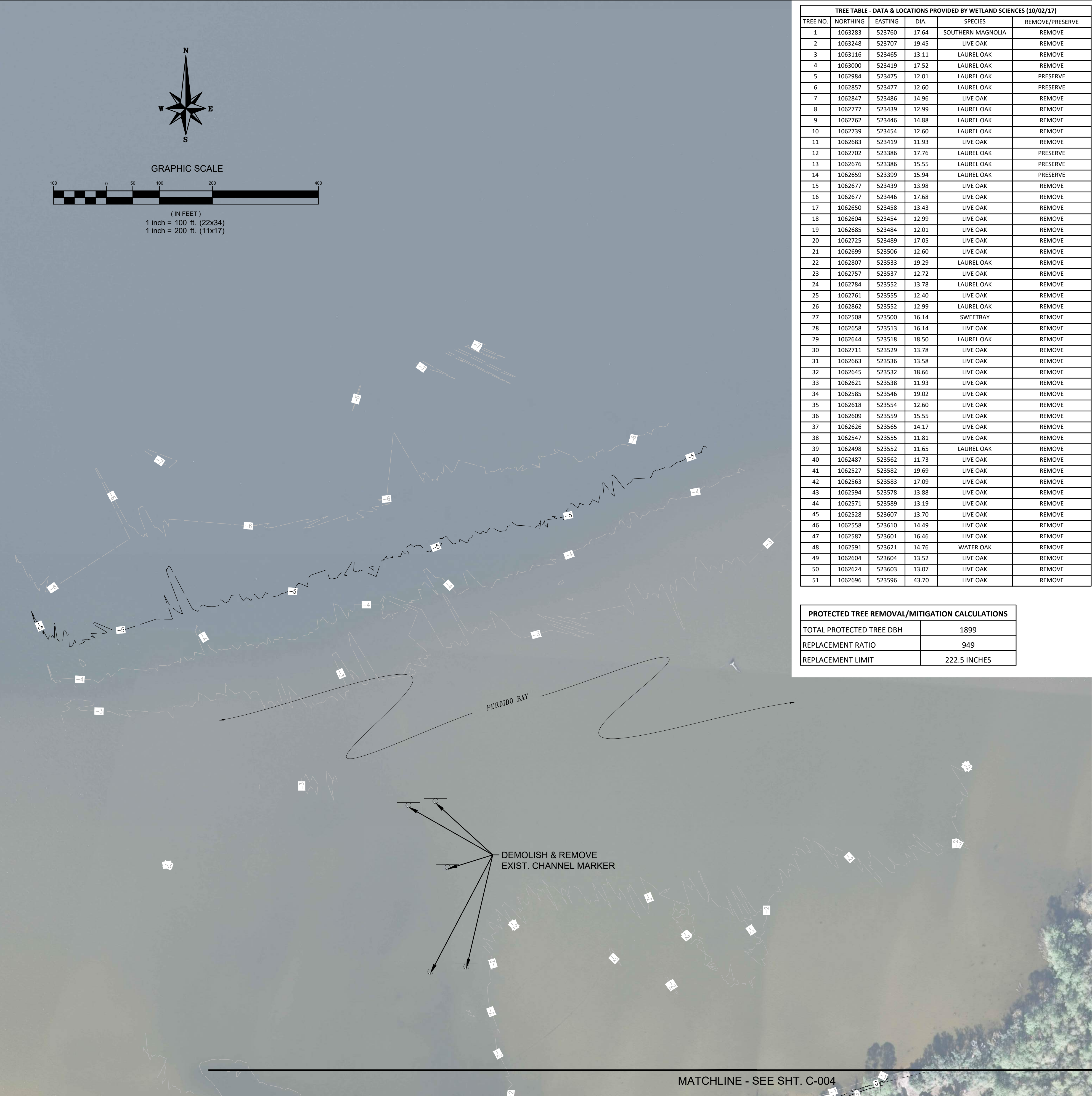
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Project Number	368117	B/O	4	Total	50
Designed	S. WHITE	Eng check			
Drawn	C. RILEY	Coordination	S. WHITE		
Dwg check		Approved			
Scale at ANSI D	1:100	Status	PRE	Rev	A
Drawing Number		Security	STD		

C-004

User Name: RLI 36259
Time Stamp: Nov 29, 2021 - 2:18:11PM
Drawing Name: C-005 Existing Site, Demolition & Erosion Control Plan (Aug
Drawing Path: P:\98117 - esco perdido bay boat ramp\Drawings\Civil\cad drawings\Sheets\Plan Set\



TREE TABLE - DATA & LOCATIONS PROVIDED BY WETLAND SCIENCES (10/02/17)					
TREE NO.	NORTHING	EASTING	DIA.	SPECIES	REMOVE/PRESERVE
1	1063283	523760	17.64	SOUTHERN MAGNOLIA	REMOVE
2	1063248	523707	19.45	LIVE OAK	REMOVE
3	1063116	523465	13.11	LAUREL OAK	REMOVE
4	1063000	523419	17.52	LAUREL OAK	REMOVE
5	1062984	523475	12.01	LAUREL OAK	PRESERVE
6	1062857	523477	12.60	LAUREL OAK	PRESERVE
7	1062847	523486	14.96	LIVE OAK	REMOVE
8	1062777	523439	12.99	LAUREL OAK	REMOVE
9	1062762	523446	14.88	LAUREL OAK	REMOVE
10	1062739	523454	12.60	LAUREL OAK	REMOVE
11	1062683	523419	11.93	LIVE OAK	REMOVE
12	1062702	523386	17.76	LAUREL OAK	PRESERVE
13	1062676	523386	15.55	LAUREL OAK	PRESERVE
14	1062659	523399	15.94	LAUREL OAK	PRESERVE
15	1062677	523439	13.98	LIVE OAK	REMOVE
16	1062677	523446	17.68	LIVE OAK	REMOVE
17	1062650	523458	13.43	LIVE OAK	REMOVE
18	1062604	523454	12.99	LIVE OAK	REMOVE
19	1062685	523484	12.01	LIVE OAK	REMOVE
20	1062725	523489	17.05	LIVE OAK	REMOVE
21	1062699	523506	12.60	LIVE OAK	REMOVE
22	1062807	523533	19.29	LAUREL OAK	REMOVE
23	1062757	523537	12.72	LIVE OAK	REMOVE
24	1062784	523552	13.78	LAUREL OAK	REMOVE
25	1062761	523555	12.40	LIVE OAK	REMOVE
26	1062862	523552	12.99	LAUREL OAK	REMOVE
27	1062508	523500	16.14	SWEETBAY	REMOVE
28	1062658	523513	16.14	LIVE OAK	REMOVE
29	1062644	523518	18.50	LAUREL OAK	REMOVE
30	1062711	523529	13.78	LIVE OAK	REMOVE
31	1062663	523536	13.58	LIVE OAK	REMOVE
32	1062645	523532	18.66	LIVE OAK	REMOVE
33	1062621	523538	11.93	LIVE OAK	REMOVE
34	1062585	523546	19.02	LIVE OAK	REMOVE
35	1062618	523554	12.60	LIVE OAK	REMOVE
36	1062609	523559	15.55	LIVE OAK	REMOVE
37	1062626	523565	14.17	LIVE OAK	REMOVE
38	1062547	523555	11.81	LIVE OAK	REMOVE
39	1062498	523552	11.65	LAUREL OAK	REMOVE
40	1062487	523562	11.73	LIVE OAK	REMOVE
41	1062527	523582	19.69	LIVE OAK	REMOVE
42	1062563	523583	17.09	LIVE OAK	REMOVE
43	1062594	523578	13.88	LIVE OAK	REMOVE
44	1062571	523589	13.19	LIVE OAK	REMOVE
45	1062528	523607	13.70	LIVE OAK	REMOVE
46	1062558	523610	14.49	LIVE OAK	REMOVE
47	1062587	523601	16.46	LIVE OAK	REMOVE
48	1062591	523621	14.76	WATER OAK	REMOVE
49	1062604	523604	13.52	LIVE OAK	REMOVE
50	1062624	523603	13.07	LIVE OAK	REMOVE
51	1062696	523596	43.70	LIVE OAK	REMOVE

PROTECTED TREE REMOVAL/MITIGATION CALCULATIONS	
TOTAL PROTECTED TREE DBH	1899
REPLACEMENT RATIO	949
REPLACEMENT LIMIT	222.5 INCHES

52	1062829	523611	13.90	Live Oak	Remove
53	1062581	523629	13.94	Live Oak	Remove
54	1062619	523639	14.06	Live Oak	Remove
55	1062544	523670	17.72	Live Oak	Remove
56	1062608	523666	16.34	Live Oak	Remove
57	1062643	523669	15.75	Live Oak	Remove
58	1062644	523674	14.17	Live Oak	Remove
59	1062676	523671	40.16	Live Oak diseased	Remove
60	1062656	523710	13.94	Laurel Oak	Remove
61	1062606	523705	19.65	Live Oak	Remove
62	1062579	523708	34.09	Live Oak	Remove
63	1062660	523721	36.22	Live Oak	Remove
64	1062605	523743	15.51	Live Oak	Remove
65	1062611	523744	20.67	Live Oak	Remove
66	1062619	523747	13.43	Southern Magnolia	Remove
67	1062669	523756	18.70	Live Oak	Remove
68	1062564	523772	12.40	Southern Magnolia	Remove
69	1062527	523773	13.23	Live Oak	Remove
70	1062496	523777	14.88	Live Oak	Remove
71	1062560	523794	22.64	Southern Magnolia	Remove
72	1062502	523833	12.52	Live Oak	Remove
73	1062458	523869	15.04	Live Oak	Preserve
74	1062546	523897	38.19	Live Oak	Remove
75	1062561	523887	24.61	Live Oak	Remove
76	1062605	523896	22.09	Live Oak	Remove
77	1062621	523887	27.48	Water Oak	Remove
78	1062632	523962	33.27	Live Oak	Remove
79	1062717	523982	17.83	Southern Magnolia	Preserve
80	1062677	523927	35.31	Laurel Oak	Remove
81	1062655	523921	21.02	Live Oak	Remove
82	1062637	523900	30.71	Live Oak	Remove
83	1062639	523900	19.72	Live Oak	Remove
84	1062653	523904	16.42	Live Oak	Remove
85	1062684	523883	34.96	Live Oak	Remove
86	1062675	523859	12.76	Live Oak	Remove
87	1062826	523864	18.07	Live Oak	Preserve
88	1062754	523821	21.26	Live Oak	Remove
89	1062747	523790	27.17	Live Oak	Remove
90	1062755	523783	19.88	Live Oak	Remove
91	1062816	523800	30.47	Live Oak	Preserve
92	1062817	523803	17.13	Laurel Oak	Preserve
93	1062821	523802	14.25	Laurel Oak	Preserve
94	1062828	523805	17.83	Laurel Oak	Preserve
95	1062758	523743	14.69	Southern Magnolia	Remove
96	1062756	523724	14.80	Southern Magnolia	Remove
97	1062744	523695	13.74	Live Oak	Remove
98	1062822	523716	12.01	Live Oak	Remove
99	1062825	523715	29.09	Live Oak	Remove
100	1062830	523709	12.80	Live Oak	Remove
101	1062849	523710	13.86	Live Oak	Preserve
102	1062795	523689	26.38	Laurel Oak diseased	Remove
103	1062853	523660	26.38	Live Oak	Preserve

TREE TABLE - TREE LOCATIONS AND DATA COLLECTED BY MOTT MACDONALD (02/01/18)					
TREE NO.	NORTHING	EASTING	DIA. (IN.)	SPECIES	REMOVE/PRESERVE
104	1062484	523981	18.8	LIVE OAK	REMOVE
105	1062487	523982	20.8	LIVE OAK	REMOVE
106	1062514	523982	16	LIVE OAK	REMOVE
107	1062487	524018	33	LIVE OAK	REMOVE
108	1062440	524007	16.8	LIVE OAK	REMOVE
109	1062486	524086	35.55	LIVE OAK	REMOVE
110	1062458	524109	23	LIVE OAK	REMOVE
111	1062441	524117	14.7	LIVE OAK	REMOVE
112	1062427	524093	12.3	LIVE OAK	REMOVE
113	1062412	524135	12.9	LIVE OAK	REMOVE
114	1062431	524155	17.2	LIVE OAK	REMOVE
115	1062396	524137	12.5	LAUREL OAK	REMOVE
116	1062391	524176	12.6	LIVE OAK	REMOVE
117	1062542	524085	14.7	LIVE OAK	REMOVE
118	1062592	524085	12.1	LAUREL OAK	REMOVE
119	1062593	524052	18.9	LAUREL OAK	REMOVE

NOTES:

- NO HERITAGE TREES EXIST WITHIN THE IDENTIFIED LIMITS OF CLEARING.
- ALL TREES LISTED ON THIS SHEET WHICH ARE INDICATED AS "PRESERVE" SHALL BE PROTECTED THROUGHOUT CONSTRUCTION.
- ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.
- ESCAMBIA COUNTY SHALL ARRANGE FOR A 100% LISTED, THREATENED & ENDANGERED SPECIES SURVEY OF THE UPLAND AREAS OF THE SITE TO BE CONDUCTED WITHIN 90 DAYS PRIOR TO ANY SITE DEVELOPMENT/DISTURBANCE ACTIVITIES. PROPER AGENCY PERMITS FOR ANY RELOCATION OF T&E SPECIES SHALL BE OBTAINED ACCORDINGLY.

LEGEND & ABBREVIATIONS

- (M) = PER MAP
(D) = PER DEED
(F) = PER FIELD
FND. = FOUND

[] = TELEPHONE PEDESTAL
[] = SINGLE SUPPORT SIGN
[] = ELECTRIC OUTLET
[] = FLOOD LIGHT
[] = GUY POLE
[] = LIGHT POLE
[ELEC] = ELECTRIC METER
[GAS] = GAS METER
[WATER] = WATER METER
[S] = SEWER MANHOLE
[T] = TELEPHONE MANHOLE
[D] = DRAINAGE MANHOLE
[] = POWER POLE
[] = GUY WIRE ANCHOR

x x x x = FENCE AS DENOTED
o o o o = FENCE AS DENOTED
G = GAS LINE
W = WATER LINE
BT = BURIED TELEPHONE LINE
= RIGHT OF WAY LINE
= APPROXIMATE PROPERTY LINE
= VEGETATION LINE
= WETLAND LINES PER WETLAND SCIENCES
- P.O.B. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT
R/W = RIGHT OF WAY

WETLANDS
= DELINEATOR POST
= FLAG POLE
= FIRE HYDRANT
= SHARED POLE
= SERVICE CABINET
= GAS VALVE COVER
= SEWER VALVE COVER
= WATER VALVE COVER
= VALVE COVER
= GAS VALVE
= SEWER VALVE
= WATER VALVE
= VALVE UNKNOWN
= COLUMN
= MAILBOX
= CLEANOUT

Rev	Date	Drawn	Description	Ch'k'd	App'd
<div><div>MOTT MACDONALD</div><div>Architects Engineers Surveyors AA - C0000035 EB - 0000155 LB - 0006783</div></div> <div>Mott MacDonald Florida, LLC. 220 West Garden Street Suite 700 Pensacola, FL 32502 United States of America T +1 (850) 484 6011 www.mottmac.com/americas</div>					
Client Escambia County Board of County Commissioners					
Title Perdido Bay Boat Ramp					
EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN					
ISSUED FOR PERMIT					
THIS DRAWING IS PART OF A DIGITALLY SIGNED AND SEALED SET OF DRAWINGS. IN ACCORDANCE WITH 61G15-23.004, F.A.C. PRINTED COPIES OF THIS DRAWING ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.					
Project Number 368117		B/O 5		Total 50	
Designed S. WHITE		Eng check			
Drawn C. RILEY		Coordination	S. WHITE		
Dwg check		Approved			
Scale at ANSI D 1:100	Status PRE	Rev A	Security STD		
Drawing Number C-005					

User Name: RU 36259
Time Stamp: Nov/25/2021 - 2:18:21PM
Drawing Name: C-006 Summary of Drainage Structures.dwg
Drawing Path: P:\988117 - esco perdido bay boat ramp\Drawings\Civil\cad drawings\Sheets\Plan Set\

STRUCTURE TABLE						
Q T Y	STR. #	STATION	OFFSET	SIDE	DESCRIPTION	CONNECTED PIPE
P	MES-1	22+77.35	41.56	R	14"x23" MES	14" x 23" ERCP (P-1)
P	MES-2	22+76.92	-41.46	L	14"x23" MES	14" x 23" ERCP (P-1)
P	MES-3	11+49.91	-22.18	L	18" MES	18" RCP (P-6)
P	MES-4	11+47.05	40.49	R	24" MES	24" RCP (P-7)
P	MES-5	9+50.41	-215.02	L	24" MES	24" RCP (P-67)
P	MES-6	9+65.66	-214.21	L	24" MES	24" RCP (P-67)
P	S-1	16+27.71	-24.00	L	FDOT Type D Inlet	18" RCP (P-2)
P	S-2	16+27.71	23.00	R	FDOT Type D Inlet	18" RCP (P-3) 18" RCP (P-2)
P	S-3	13+27.06	-26.74	L	FDOT Type D Inlet	24" RCP (P-4)
P	S-4	13+28.52	32.24	R	FDOT Type J7 Manhole (6'Ø)	24" RCP (P-5) 18" RCP (P-3) 24" RCP (P-4)
P	S-5	11+53.06	39.63	R	FDOT Type J7 Manhole (6'Ø)	24" RCP (P-7) 24" RCP (P-5) 18" RCP (P-6)

Rev	Date	Drawn	Description	Ch'k'd	App'd
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M

M

MOTT
MACDONALD

Mott MacDonald Florida, LLC.
220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
T +1 (850) 484 6011
www.mottmac.com/americas

Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

SUMMARY OF DRAINAGE STRUCTURES

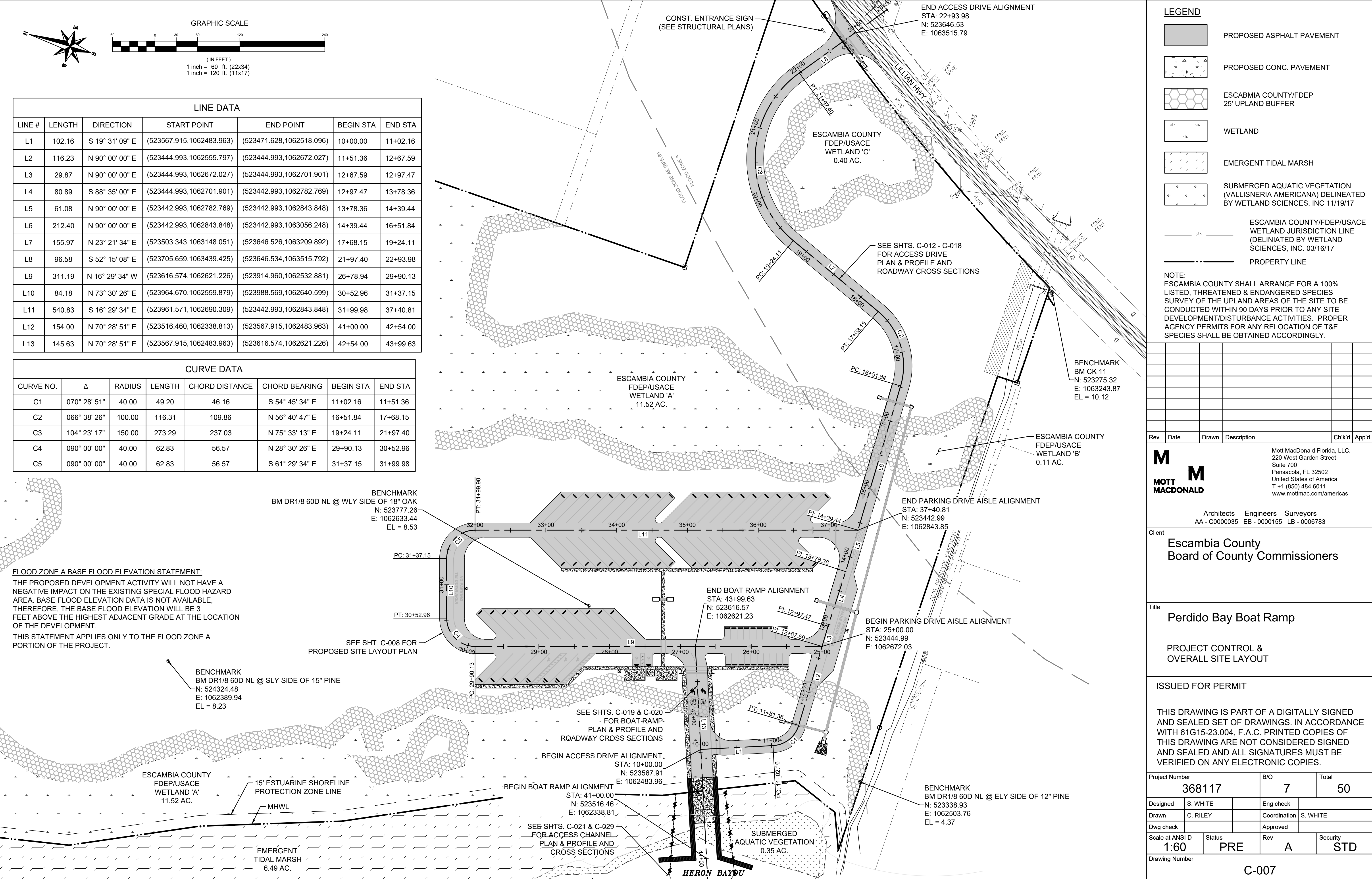
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Project Number		B/O		Total	
368117		6		50	
Designed	S. WHITE	Eng check			
Drawn	C. RILEY	Coordination		S. WHITE	
Dwg check		Approved			
Scale at ANSI D		Status	Rev	Security	
		PRE	A	STD	

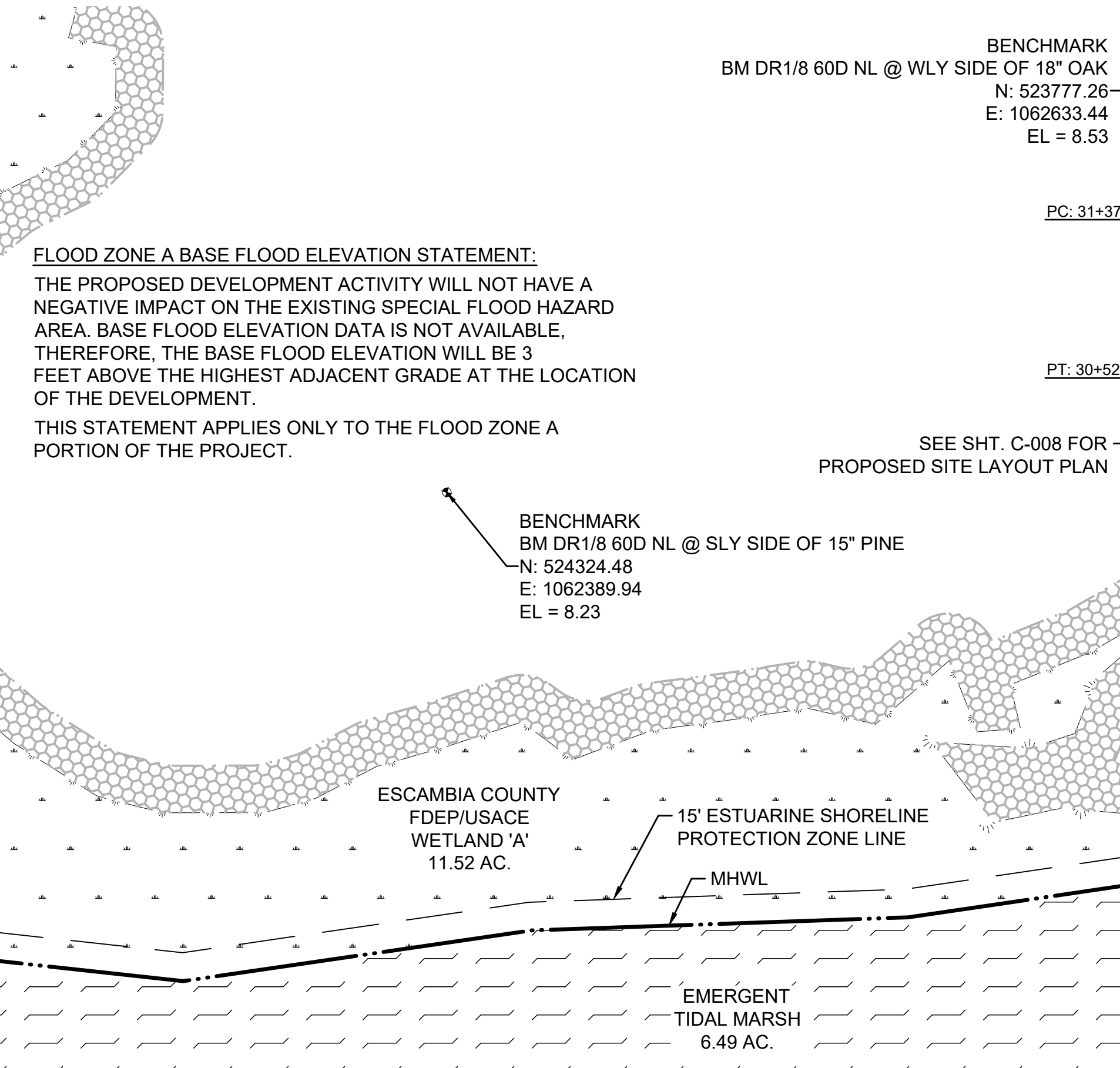
Drawing Number

C-006



LINE DATA						
LINE #	LENGTH	DIRECTION	START POINT	END POINT	BEGIN STA	END STA
L1	102.16	S 19° 31' 09" E	(523567.915,1062483.963)	(523471.628,1062518.096)	10+00.00	11+02.16
L2	116.23	N 90° 00' 00" E	(523444.993,1062555.797)	(523444.993,1062672.027)	11+51.36	12+67.59
L3	29.87	N 90° 00' 00" E	(523444.993,1062672.027)	(523444.993,1062701.901)	12+67.59	12+97.47
L4	80.89	S 88° 35' 00" E	(523444.993,1062701.901)	(523442.993,1062782.769)	12+97.47	13+78.36
L5	61.08	N 90° 00' 00" E	(523442.993,1062782.769)	(523442.993,1062843.848)	13+78.36	14+39.44
L6	212.40	N 90° 00' 00" E	(523442.993,1062843.848)	(523442.993,1063056.248)	14+39.44	16+51.84
L7	155.97	N 23° 21' 34" E	(523503.343,1063148.051)	(523646.526,1063209.892)	17+68.15	19+24.11
L8	96.58	S 52° 15' 08" E	(523705.659,1063439.425)	(523646.534,1063515.792)	21+97.40	22+93.98
L9	311.19	N 16° 29' 34" W	(523616.574,1062621.226)	(523914.960,1062532.881)	26+78.94	29+90.13
L10	84.18	N 73° 30' 26" E	(523964.670,1062559.879)	(523988.569,1062640.599)	30+52.96	31+37.15
L11	540.83	S 16° 29' 34" E	(523961.571,1062690.309)	(523442.993,1062843.848)	31+99.98	37+40.81
L12	154.00	N 70° 28' 51" E	(523516.460,1062338.813)	(523567.915,1062483.963)	41+00.00	42+54.00
L13	145.63	N 70° 28' 51" E	(523567.915,1062483.963)	(523616.574,1062621.226)	42+54.00	43+99.63

CURVE DATA							
CURVE NO.	Δ	RADIUS	LENGTH	CHORD DISTANCE	CHORD BEARING	BEGIN STA	END STA
C1	070° 28' 51"	40.00	49.20	46.16	S 54° 45' 34" E	11+02.16	11+51.36
C2	066° 38' 26"	100.00	116.31	109.86	N 56° 40' 47" E	16+51.84	17+68.15
C3	104° 23' 17"	150.00	273.29	237.03	N 75° 33' 13" E	19+24.11	21+97.40
C4	090° 00' 00"	40.00	62.83	56.57	N 28° 30' 26" E	29+90.13	30+52.96
C5	090° 00' 00"	40.00	62.83	56.57	S 61° 29' 34" E	31+37.15	31+99.98



LEGEND

	PROPOSED ASPHALT PAVEMENT
	PROPOSED CONC. PAVEMENT
	ESCAMBIA COUNTY/FDEP 25' UPLAND BUFFER
	WETLAND
	EMERGENT TIDAL MARSH
	SUBMERGED AQUATIC VEGETATION (VALLISNERIA AMERICANA) DELINEATED BY WETLAND SCIENCES, INC 11/19/17
	ESCAMBIA COUNTY/FDEP/USACE WETLAND JURISDICTION LINE (DELIANIATED BY WETLAND SCIENCES, INC. 03/16/17)
	PROPERTY LINE

NOTE:
ESCAMBIA COUNTY SHALL ARRANGE FOR A 100% LISTED, THREATENED & ENDANGERED SPECIES SURVEY OF THE UPLAND AREAS OF THE SITE TO BE CONDUCTED WITHIN 90 DAYS PRIOR TO ANY SITE DEVELOPMENT/DISTURBANCE ACTIVITIES. PROPER AGENCY PERMITS FOR ANY RELOCATION OF T&E SPECIES SHALL BE OBTAINED ACCORDINGLY.

Rev	Date	Drawn	Description	Ch	k'd	App'd

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MACDONALD

Mott MacDonald Florida, LLC.
220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
T +1 (850) 484 6011
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client
Escambia County
Board of County Commissioners

Title
Perdido Bay Boat Ramp

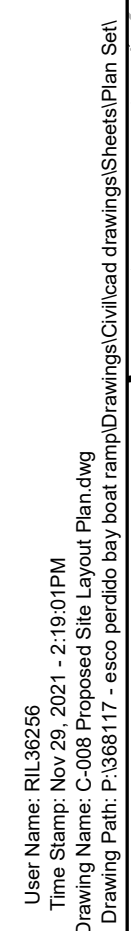
PROJECT CONTROL & OVERALL SITE LAYOUT

ISSUED FOR PERMIT

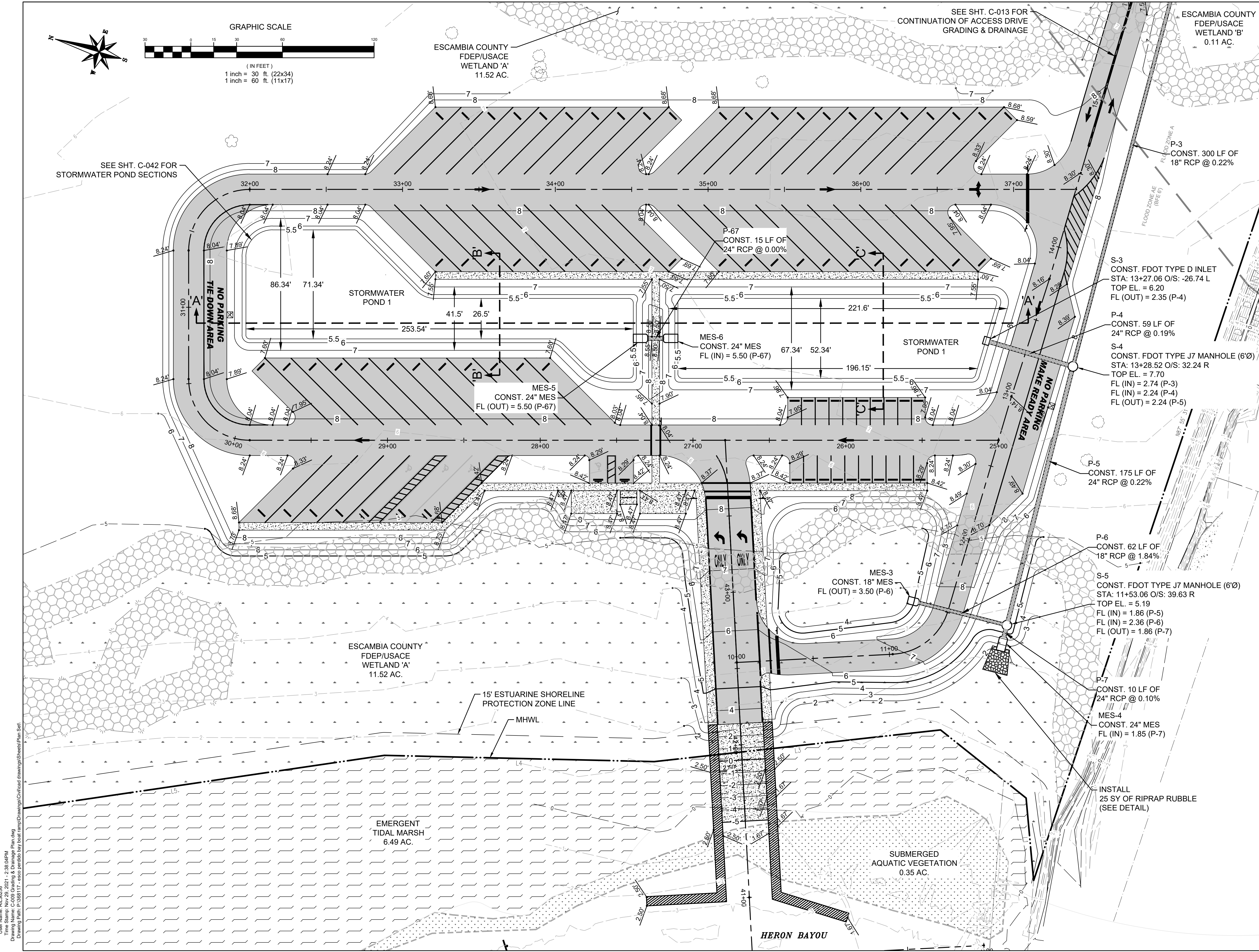
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Project Number	B/O	Total
368117	7	50
Designed	S. WHITE	Eng check
Drawn	C. RILEY	Coordination
Dwg check		Approved
Scale at ANSI D	Status	Rev
1:60	PRE	A
Drawing Number		Security
		STD

C-007



C-008



- LEGEND**
- PROPOSED ASPHALT PAVEMENT
 - PROPOSED CONC. PAVEMENT
 - ESCAMBIA COUNTY/FDEP 25' UPLAND BUFFER
 - WETLAND
 - EMERGENT TIDAL MARSH
 - SUBMERGED AQUATIC VEGETATION (VALLISNERIA AMERICANA) DELINEATED BY WETLAND SCIENCES, INC 11/19/17

ESCAMBIA COUNTY/FDEP/USACE WETLAND JURISDICTION LINE (DELIATED BY WETLAND SCIENCES, INC. 03/16/17)

PROPERTY LINE

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Rev	Date	Drawn	Description	Ch'k'd	App'd
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Architects

Engineers

Surveyors

AA - C0000035 EB - 0000155 LB - 0006783

Mott MacDonald Florida, LLC.

220 West Garden Street

Suite 700

Pensacola, FL 32502

United States of America

T +1 (850) 484 6011

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Client

Escambia County Board of County Commissioners

Title

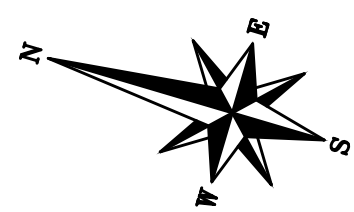
Perdido Bay Boat Ramp

GRADING & DRAINAGE PLAN

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Project Number	368117	B/O	9	Total	50
Designed	S. WHITE	Eng check			
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Dwg check		Approved			
Scale at ANSI D	1:30	Status	PRE	Rev	A
Drawing Number	C-009	Security	STD		



1 inch = 30 ft. (22x34)
1 inch = 60 ft. (11x17)



DO NOT
ENTER

P05-01

SOLID DOUBLE
YELLOW STRIPE

ONE
BFE

PROPOSED ASPHALT PAVEMENT

PROPOSED CONC PAVEMENT

ESCABMIA COUNTY/FDEP
25' UPLAND BUFFER

WETLAND

EMERGENT TIDAL MARSH

SUBMERGED AQUATIC VEGETATION
(VALLISNERIA AMERICANA) DELINEATED
BY WETLAND SCIENCES, INC 11/19/17

ESCAMBIA COUNTY/FDEP/USACE
WETLAND JURISDICTION LINE
(DELINIATED BY WETLAND
SCIENCES, INC. 03/16/17

PROPERTY LINE

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Rev	Date	Drawn	Description	Ch'k'd	App'd
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MACDONALD

Mott MacDonald Florida, LLC
220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client	Escambia County Board of County Commissioners
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Title	Perdido Bay Boat Ramp
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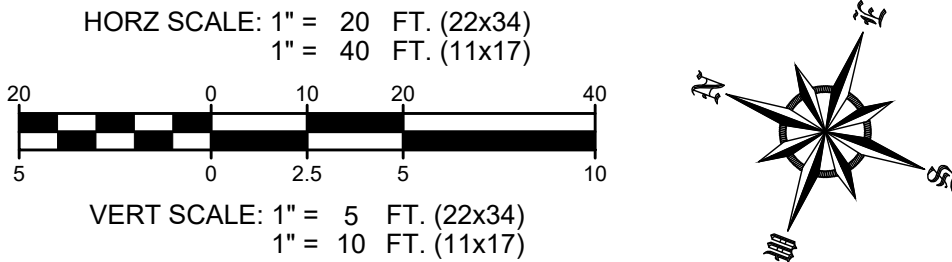
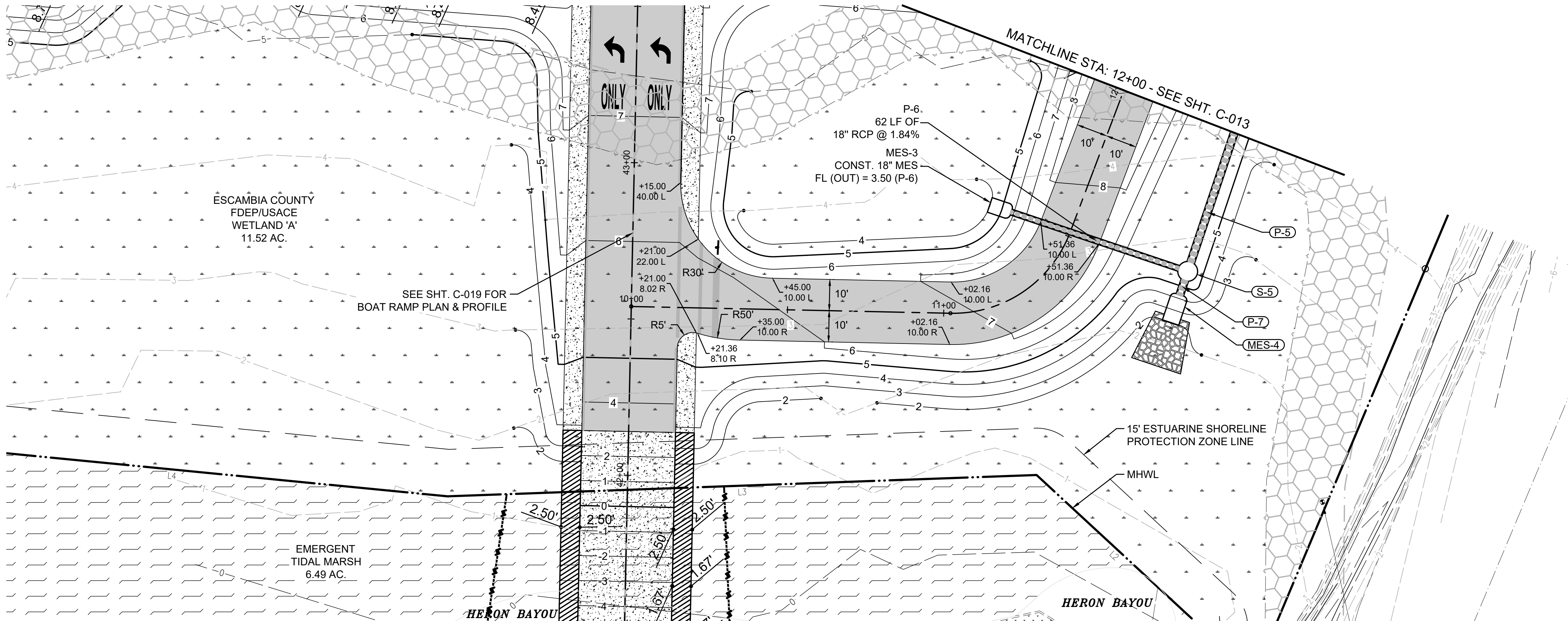
SIGNING & PAVEMENT MARKING PLAN

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Project Number 368117			B/O 11		Total 50	
Designed	S. WHITE		Eng check			
Drawn	C. RILEY		Coordination	S. WHITE		
Dwg check			Approved			
Scale at ANSI D 1:30		Status PRE	Rev A		Security STD	
Drawing Number						

C-011



ACCESS DRIVE

- NOTES:
1. POND SIDE SLOPES SHALL BE SODDED.
 2. POND BOTTOMS SHALL RECEIVE SEED.
 3. SEED ALL DISTURBED AREAS NOT RECEIVING SOD.

LEGEND

- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONC. PAVEMENT
- ESCAMBIA COUNTY/FDEP 25' UPLAND BUFFER
- WETLAND
- EMERGENT TIDAL MARSH
- SUBMERGED AQUATIC VEGETATION (VALLISNERIA AMERICANA) DELINEATED BY WETLAND SCIENCES, INC 11/19/17
- ESCAMBIA COUNTY/FDEP/USACE WETLAND JURISDICTION LINE (DELIENATED BY WETLAND SCIENCES, INC. 03/16/17)
- PROPERTY LINE

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Pensacola, FL 32502
United States of America
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Client
Escambia County Board of County Commissioners

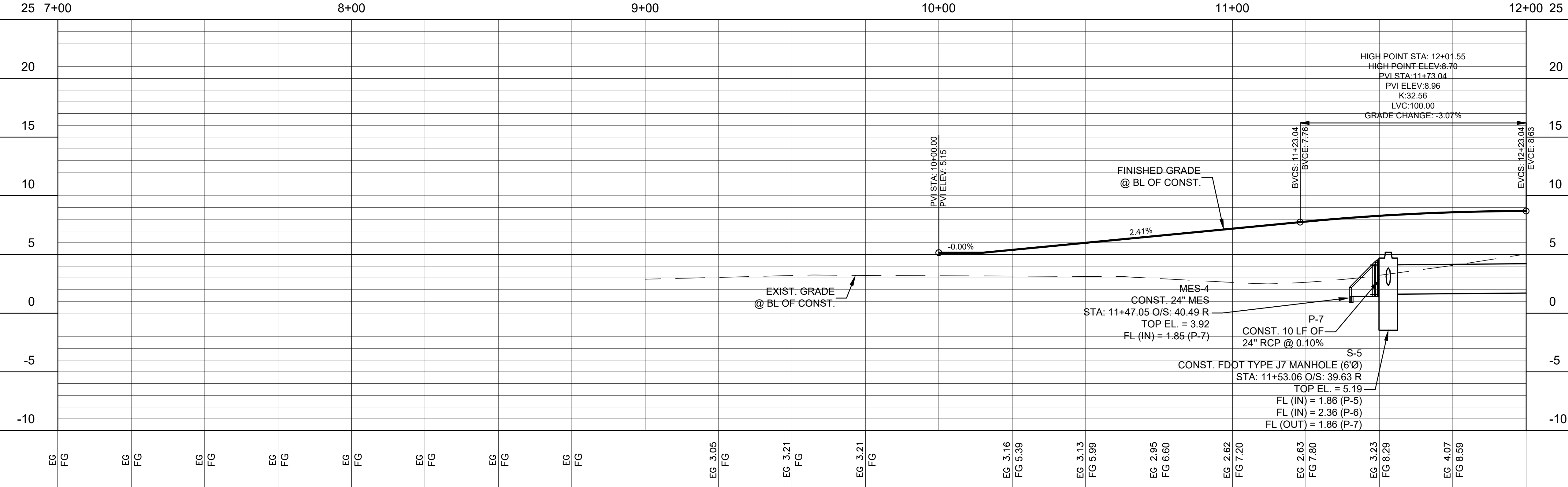
Title
Perdido Bay Boat Ramp

PLAN & PROFILE ACCESS DRIVE
STA: 7+00 - 12+00

ISSUED FOR PERMIT

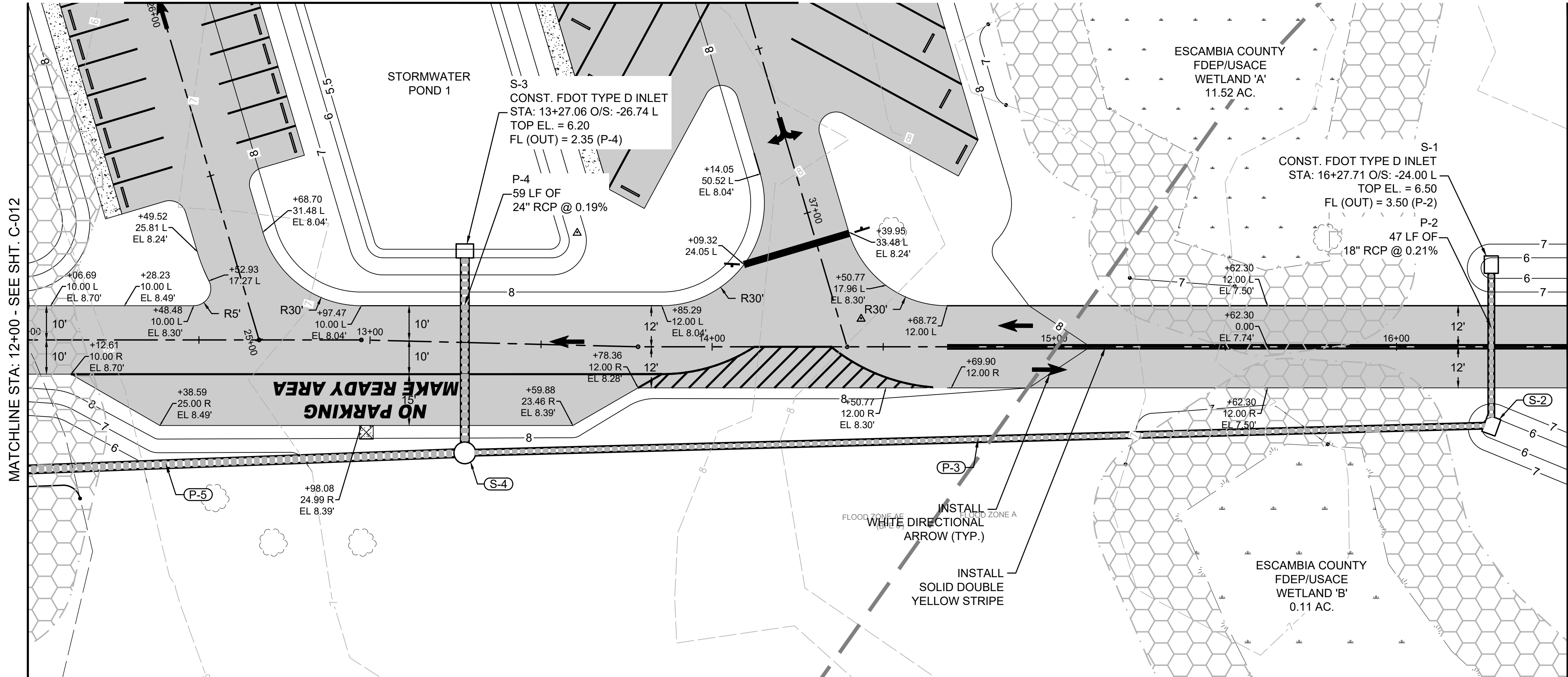
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Project Number 368117		B/O 12		Total 50	
Designed S. WHITE	Eng check		Coordination S. WHITE		
Drawn C. RILEY			Approved		
Dwg check			Rev A	Security STD	
Scale at ANSI D 1:20		Status PRE		Drawing Number C-012	



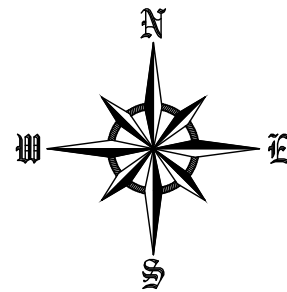
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SEE SHT. C-008 FOR CONTINUATION



HORZ SCALE: 1" = 20 FT. (22x34)
1" = 40 FT. (11x17)

VERT SCALE: 1" = 5 FT. (22x34)
1" = 10 FT. (11x17)



ACCESS DRIVE

- NOTES:
1. POND SIDE SLOPES SHALL BE SODDED.
 2. POND BOTTOMS SHALL RECEIVE SEED.
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LEGEND

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- PROPOSED CONC. PAVEMENT
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- SUBMERGED AQUATIC VEGETATION (VALLISNERIA AMERICANA) DELINEATED BY WETLAND SCIENCES, INC 11/19/17
- ESCAMBIA COUNTY/FDEP/USACE WETLAND JURISDICTION LINE (DELINEATED BY WETLAND SCIENCES, INC. 03/16/17)
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Client
**Escambia County
Board of County Commissioners**

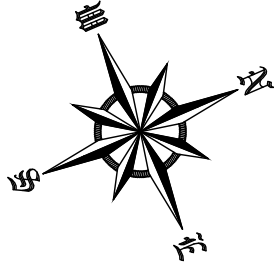
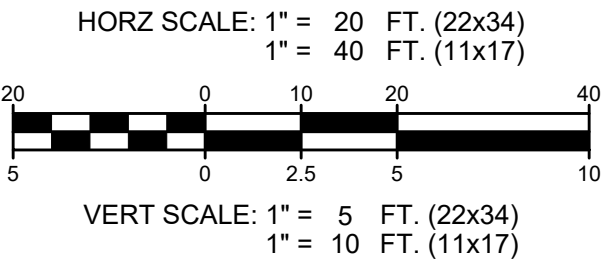
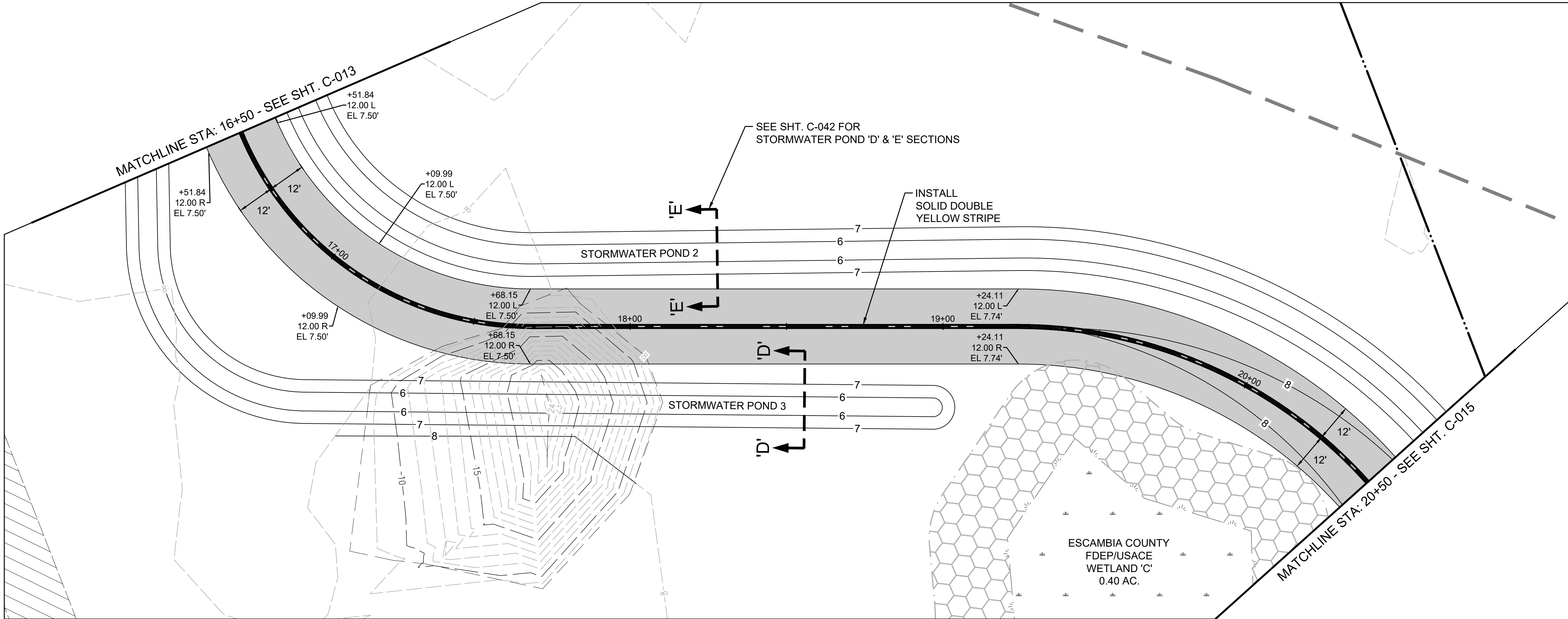
Title
Perdido Bay Boat Ramp

PLAN & PROFILE ACCESS DRIVE
STA: 12+00 - 17+00

ISSUED FOR PERMIT

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Project Number 368117		B/O 13		Total 50	
Designed S. WHITE		Eng check			
Drawn C. RILEY		Coordination	S. WHITE		
Dwg check		Approved			
Scale at ANSI D 1:20	Status PRE	Rev A	Security STD		
Drawing Number					



ACCESS DRIVE

- NOTES:
1. POND SIDE SLOPES SHALL BE SODDED.
 2. POND BOTTOMS SHALL RECEIVE SEED.
 3. SEED ALL DISTURBED AREAS NOT RECEIVING SOD.

LEGEND

PROPOSED ASPHALT PAVEMENT

PROPOSED CONC. PAVEMENT

ESCAMBIA COUNTY/FDEP
25' UPLAND BUFFER

WETLAND

EMERGENT TIDAL MARSH

SUBMERGED AQUATIC VEGETATION
(VALLISNERIA AMERICANA) DELINEATED
BY WETLAND SCIENCES, INC 11/19/17

ESCAMBIA COUNTY/FDEP/USACE
WETLAND JURISDICTION LINE
(DELIENATED BY WETLAND
SCIENCES, INC. 03/16/17

PROPERTY LINE

NOTE:
ESCAMBIA COUNTY SHALL ARRANGE FOR A 100%
LISTED, THREATENED & ENDANGERED SPECIES
SURVEY OF THE UPLAND AREAS OF THE SITE TO BE
CONDUCTED WITHIN 90 DAYS PRIOR TO ANY SITE
DEVELOPMENT/DISTURBANCE ACTIVITIES. PROPER
AGENCY PERMITS FOR ANY RELOCATION OF T&E
SPECIES SHALL BE OBTAINED ACCORDINGLY.

Rev	Date	Drawn	Description	Ch	k'd	App'd
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220 West Garden Street
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Architects Engineers Surveyors

AA - C0000035 EB - 0000155 LB - 0006783

Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

PLAN & PROFILE ACCESS DRIVE
STA: 16+00 - 21+00

ISSUED FOR PERMIT

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Project Number

368117

B/O

14

Total

50

Designed

S. WHITE

Drawn

C. RILEY

Dwg check

Scale at ANSI D

1:20

Status

PRE

Rev

A

Security

STD

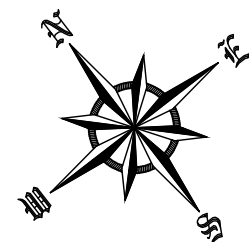
Coordination

S. WHITE

Approved







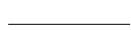

Drawing Number

C-014



- NOTES:
1. POND SIDE SLOPES SHALL BE SODDED.
 2. POND BOTTOMS SHALL RECEIVE SEED.
 3. SEED ALL DISTURBED AREAS NOT RECEIVING SOD.

LEGEND

- 
PROPOSED ASPHALT PAVEMENT
- 
PROPOSED CONC. PAVEMENT
- 
**ESCAMBIA COUNTY/FDEP
25' UPLAND BUFFER**
- 
WETLAND
- 
EMERGENT TIDAL MARSH
- 
**SUBMERGED AQUATIC VEGETATION
(VALLISNERIA AMERICANA) DELINEATED
BY WETLAND SCIENCES, INC 11/19/17**
- 
**ESCAMBIA COUNTY/FDEP/USACE
WETLAND JURISDICTION LINE
(DELINATED BY WETLAND
SCIENCES, INC. 03/16/17**
- 
PROPERTY LINE

NOTE:
 ESCAMBIA COUNTY SHALL ARRANGE FOR A 100% LISTED, THREATENED & ENDANGERED SPECIES SURVEY OF THE UPLAND AREAS OF THE SITE TO BE CONDUCTED WITHIN 90 DAYS PRIOR TO ANY SITE DEVELOPMENT/DISTURBANCE ACTIVITIES. PROPER AGENCY PERMITS FOR ANY RELOCATION OF T&E SPECIES SHALL BE OBTAINED ACCORDINGLY.

[illegible]

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0000783

Client	Escambia County Board of County Commissioners
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Title	Perdido Bay Boat Ramp
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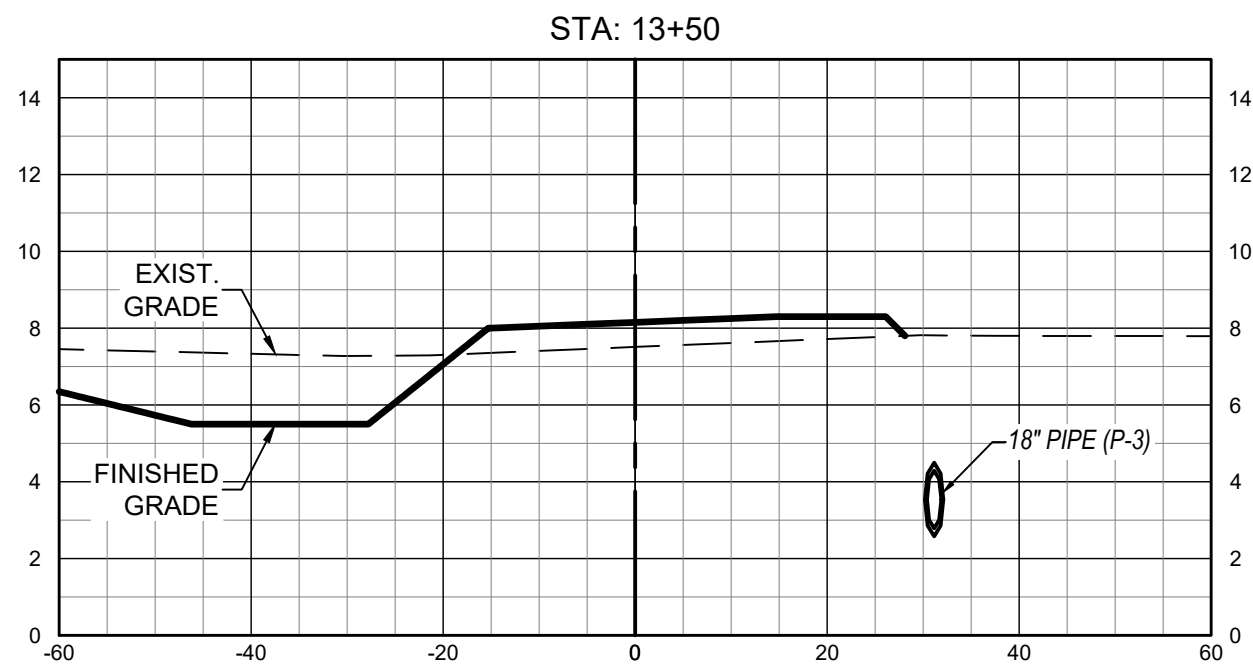
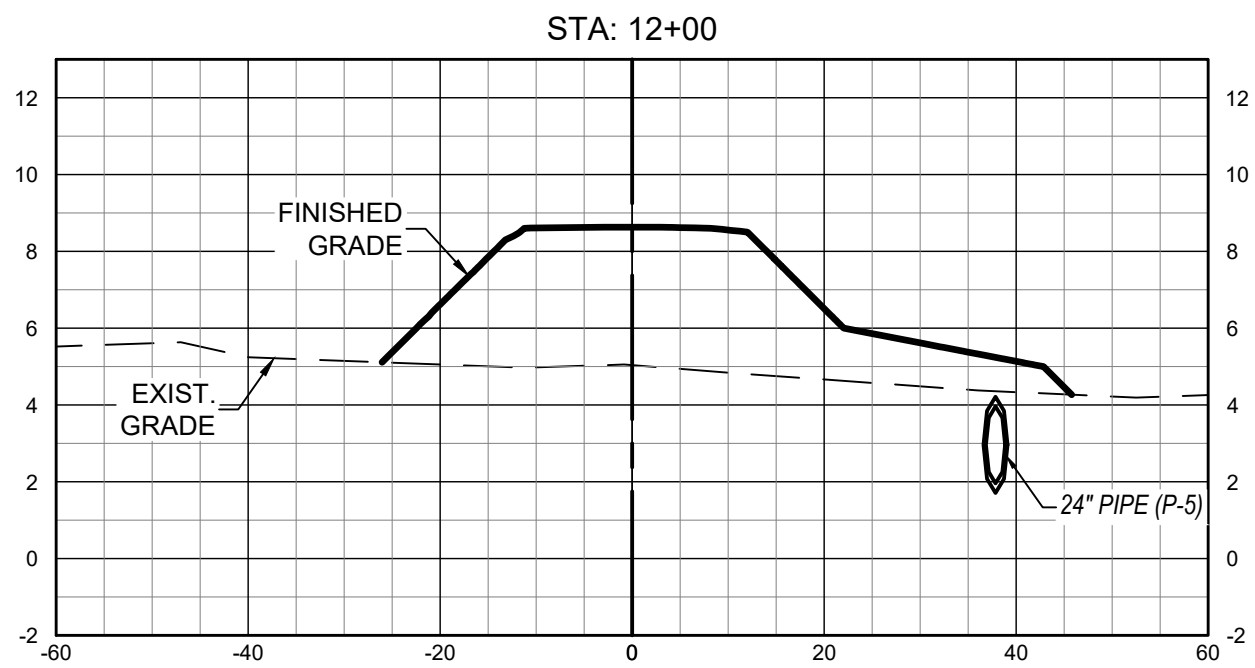
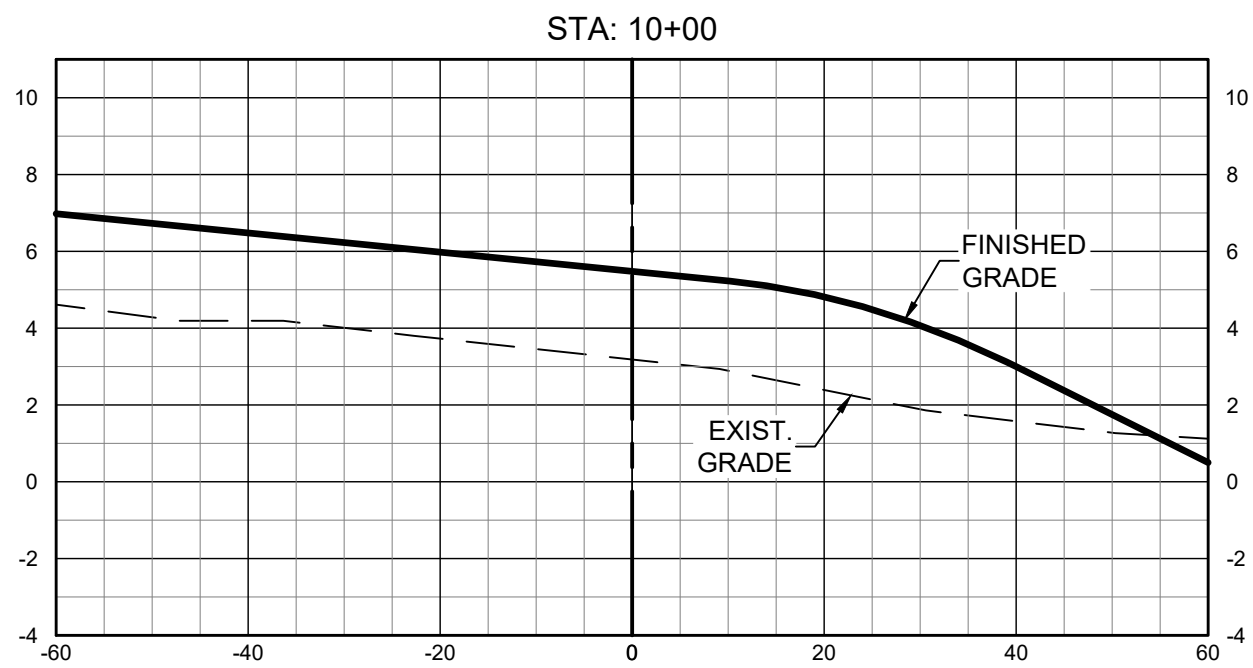
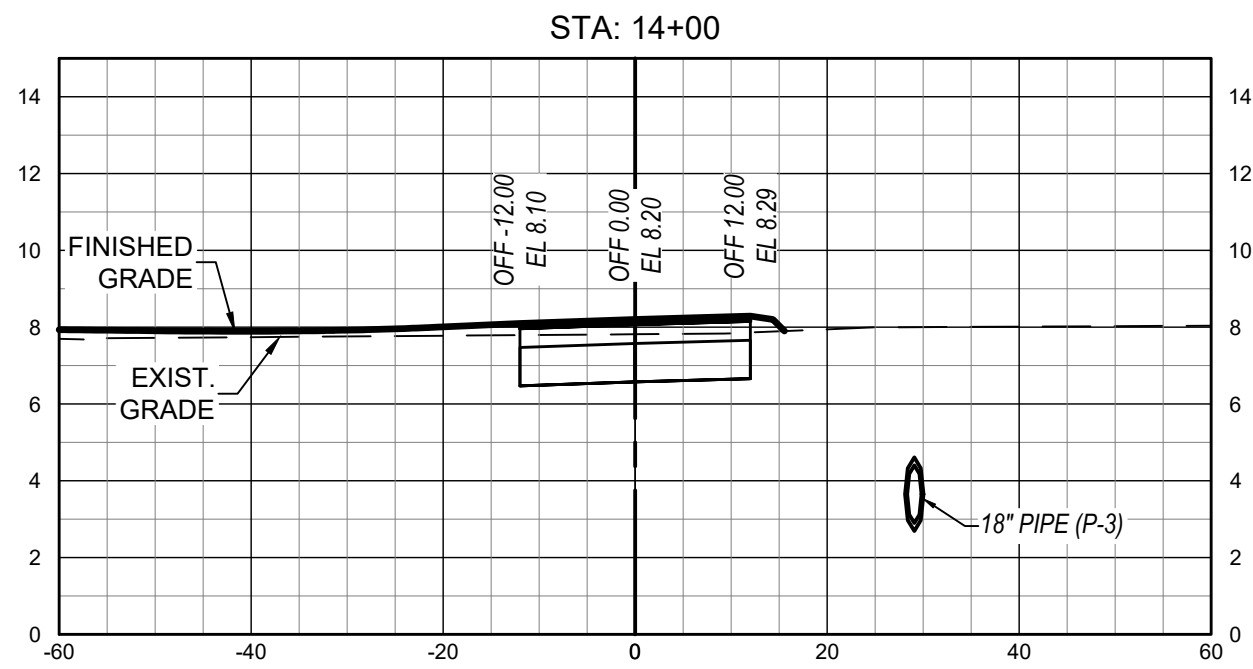
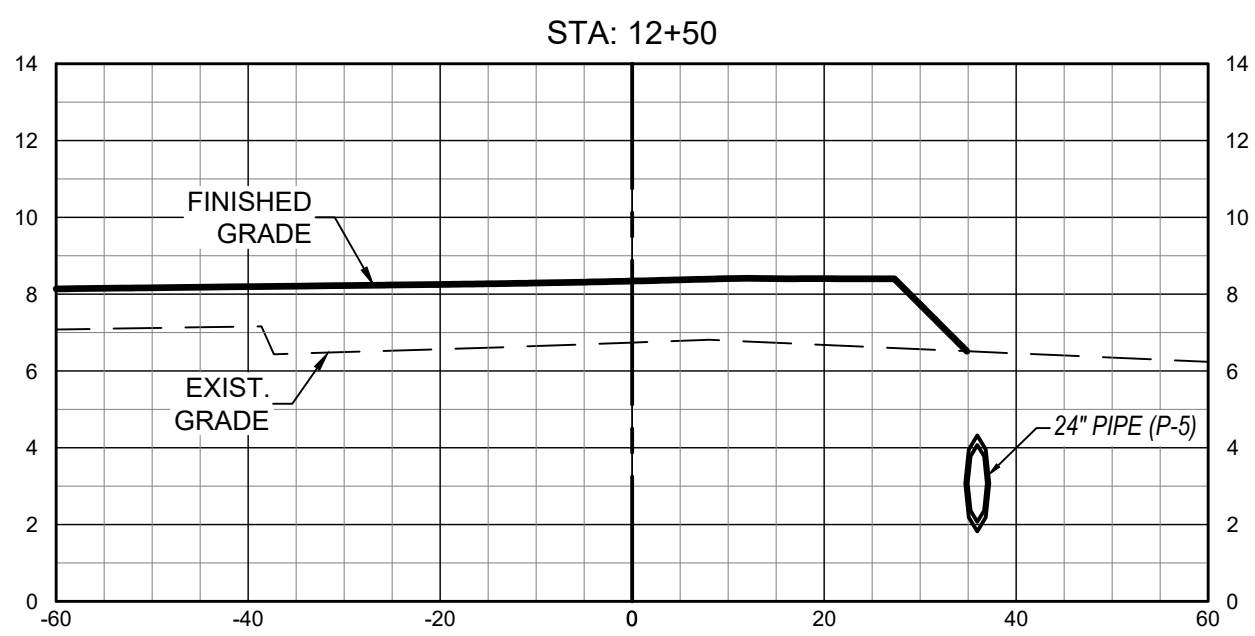
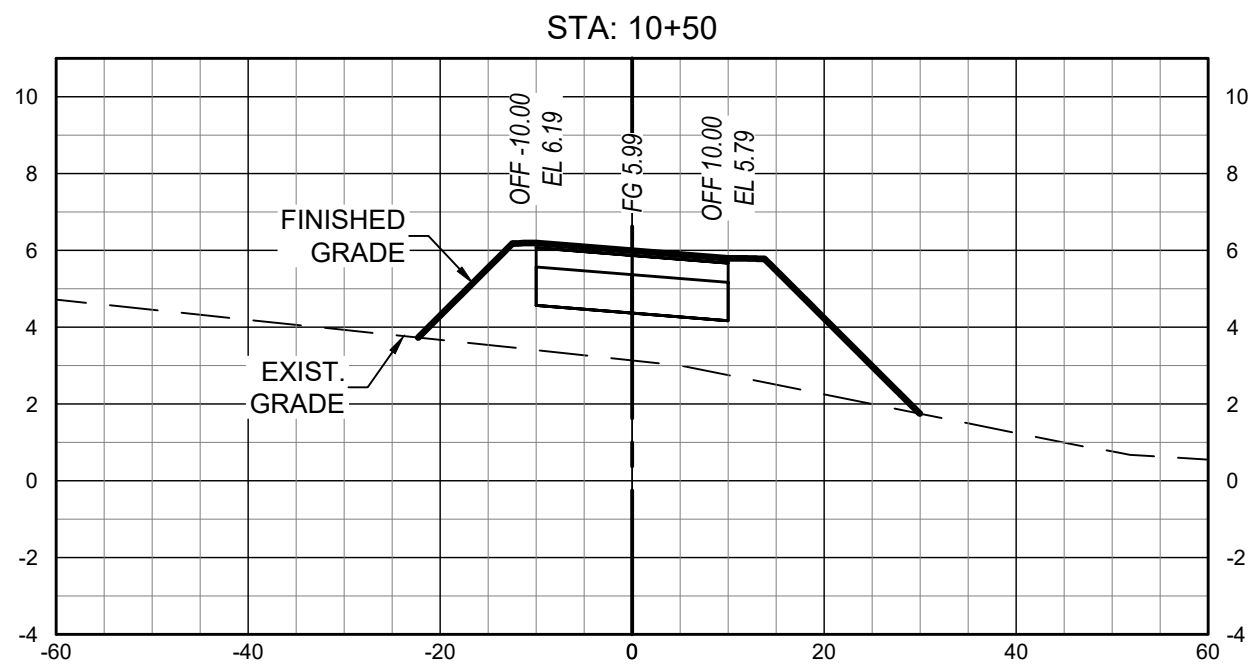
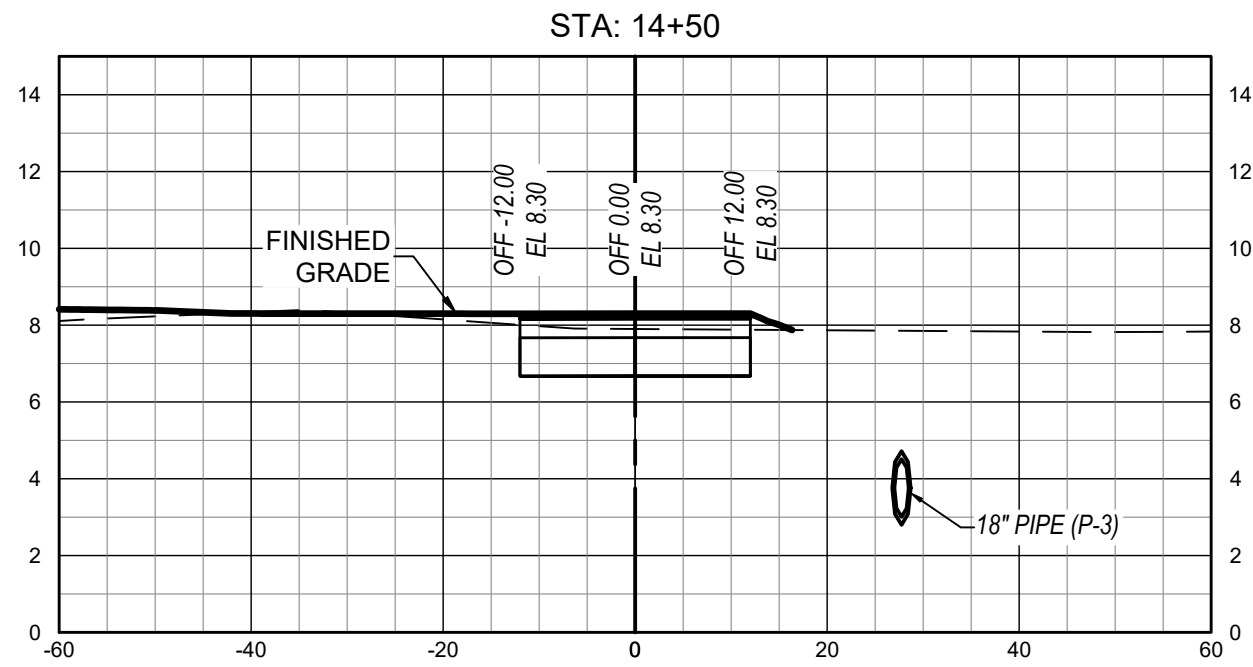
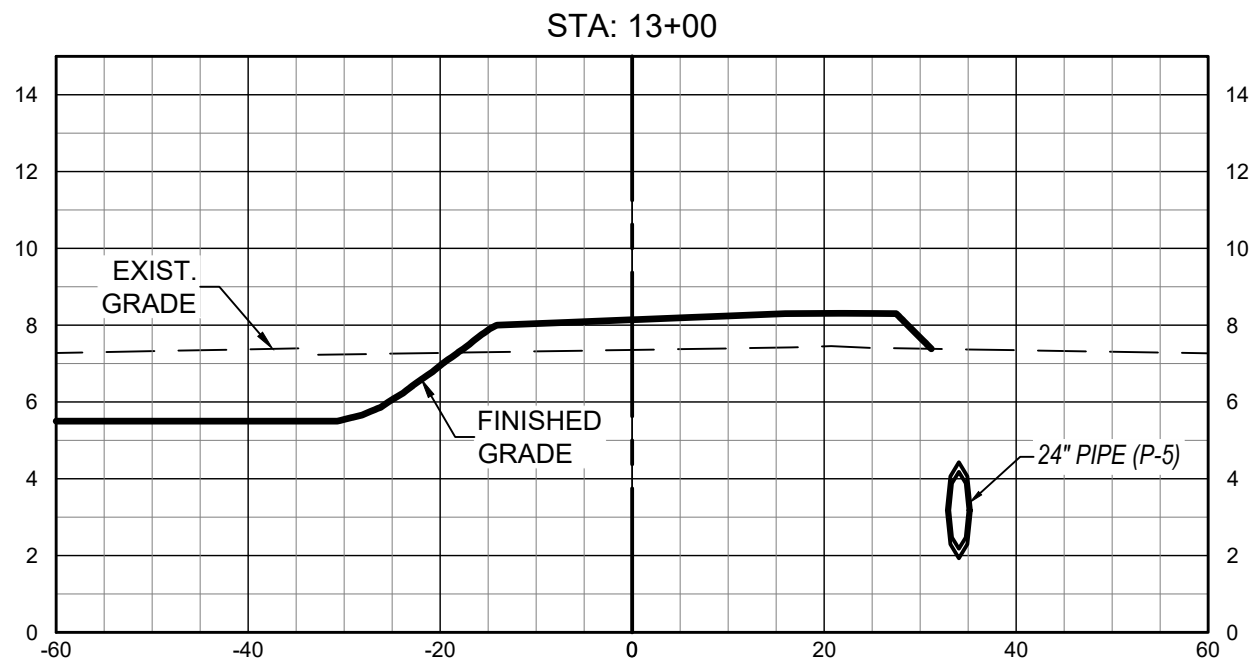
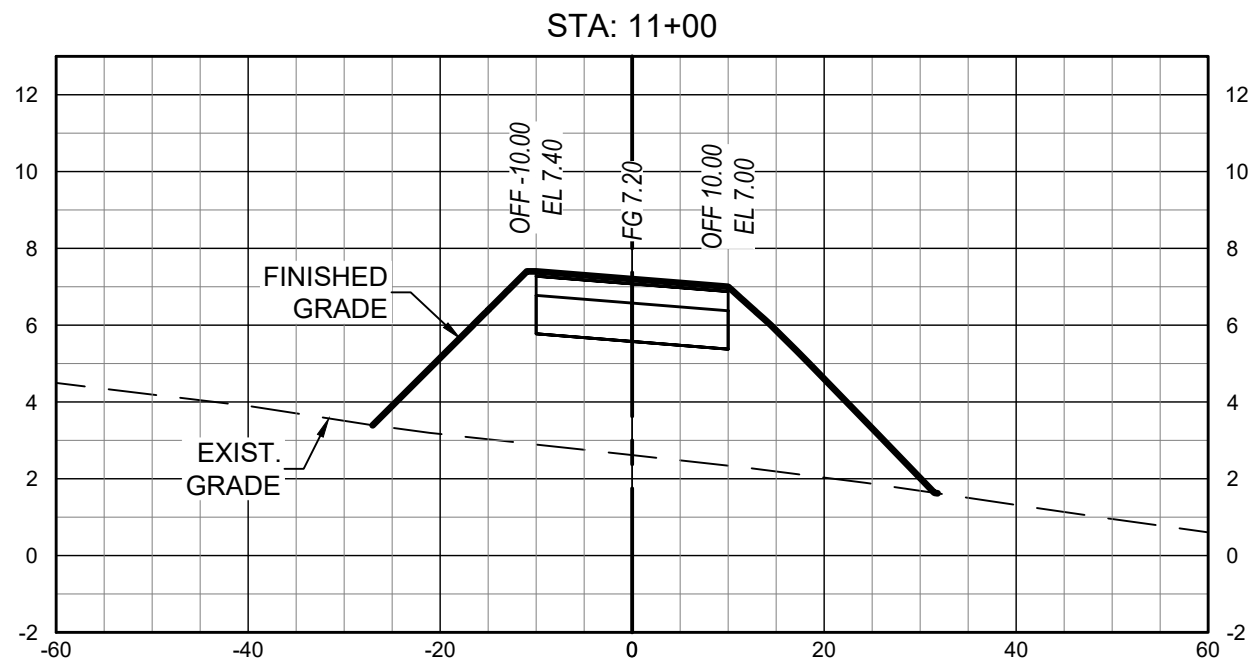
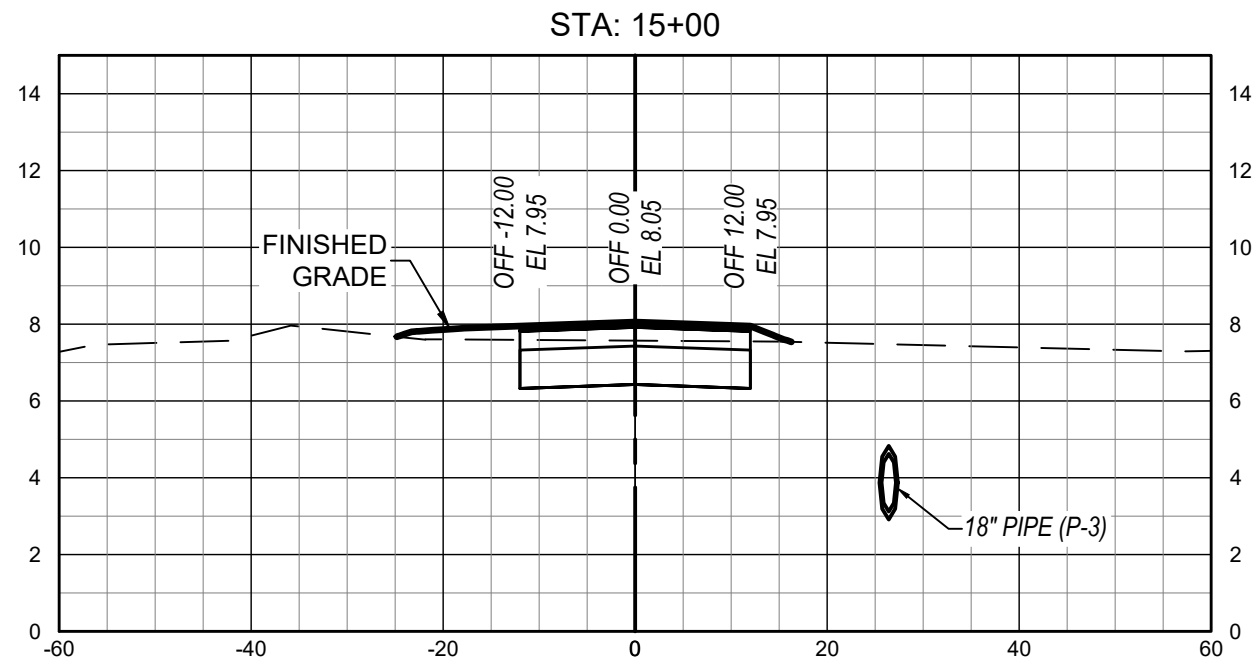
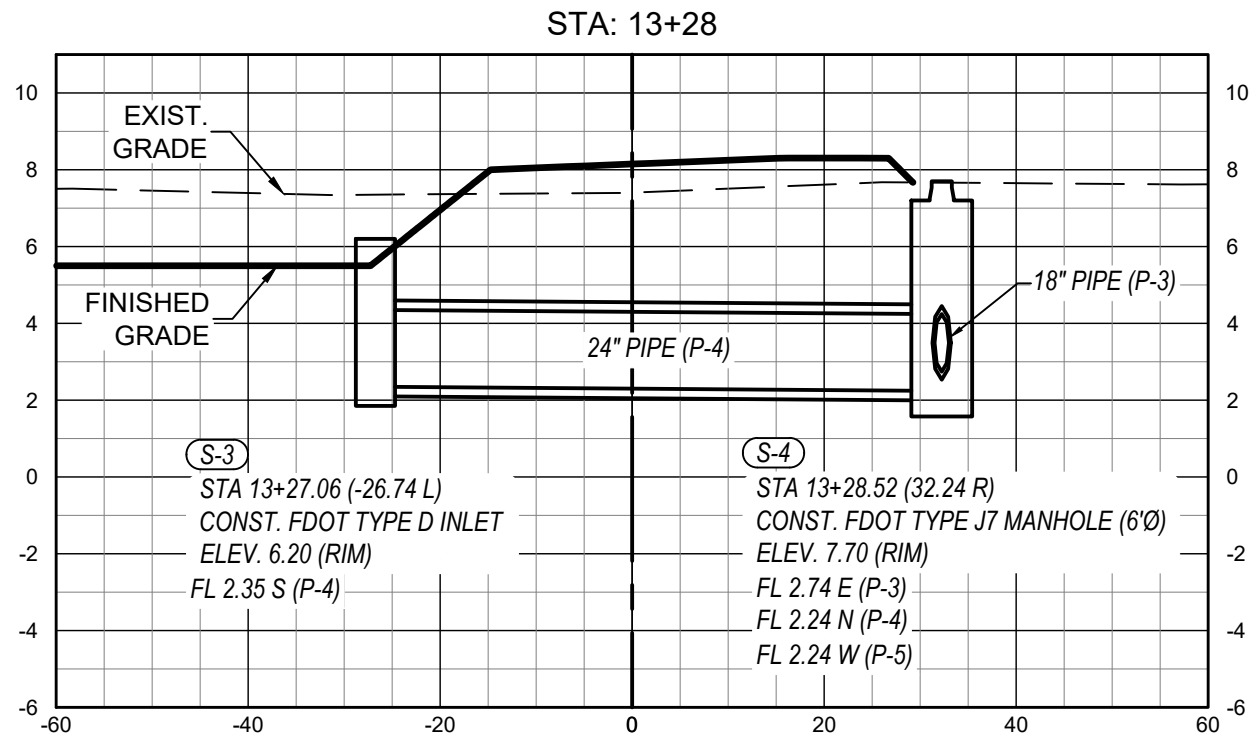
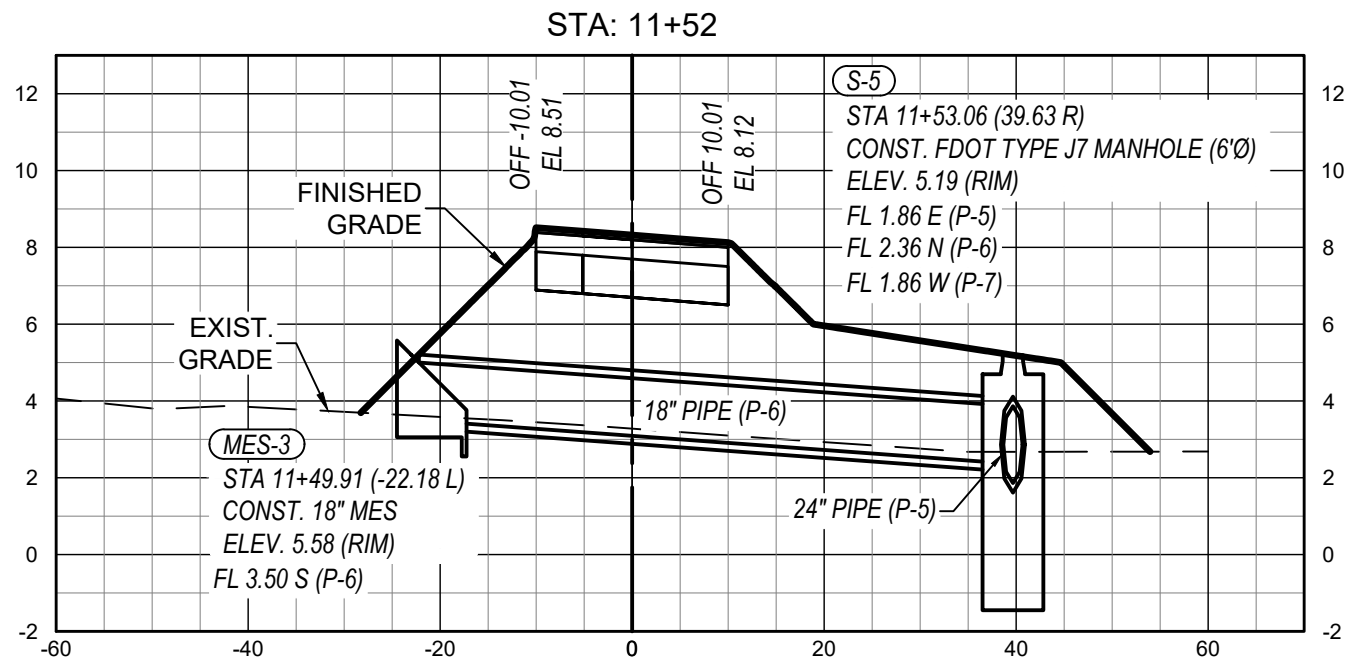
PLAN & PROFILE ACCESS DRIVE
STA: 20+00 - 25+00

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Project Number 368117			B/O 15		Total 50	
Designed	S. WHITE		Eng check			
Drawn	C. RILEY		Coordination	S. WHITE		
Dwg check			Approved			
Scale at ANSI D 1:20		Status PRE	Rev A		Security STD	
Drawing Number						

C-015



Rev	Date	Drawn	Description	Ch'k'd	App'd
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

ROADWAY CROSS SECTIONS ACCESS DRIVE

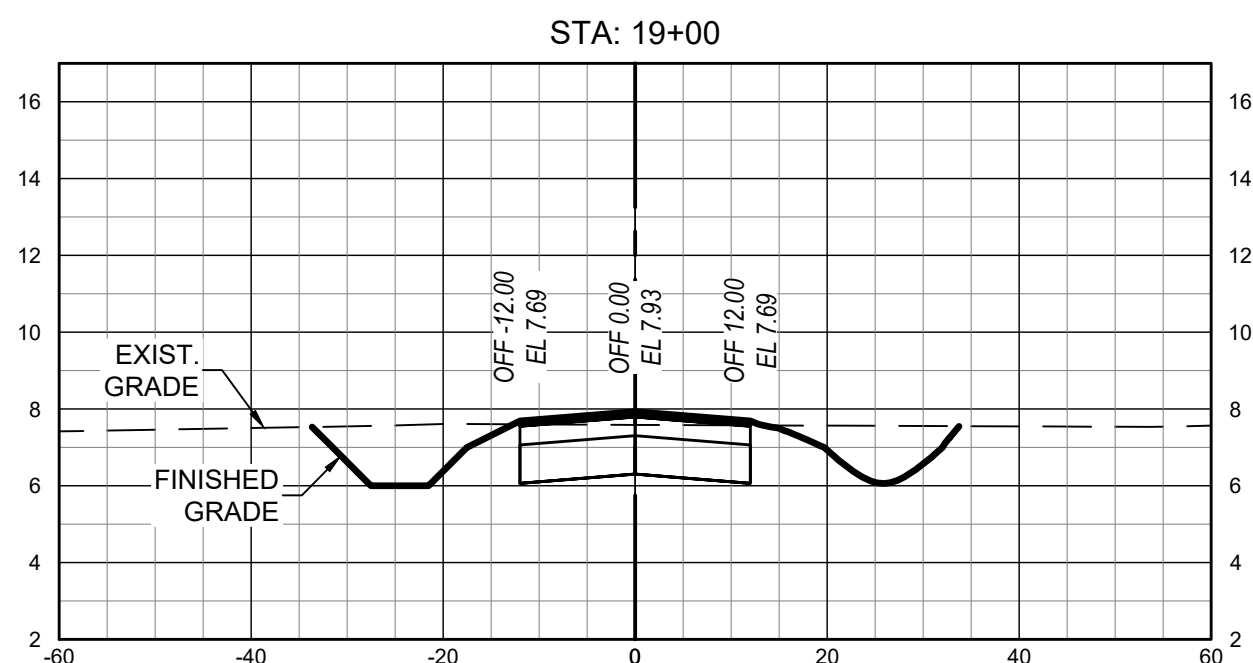
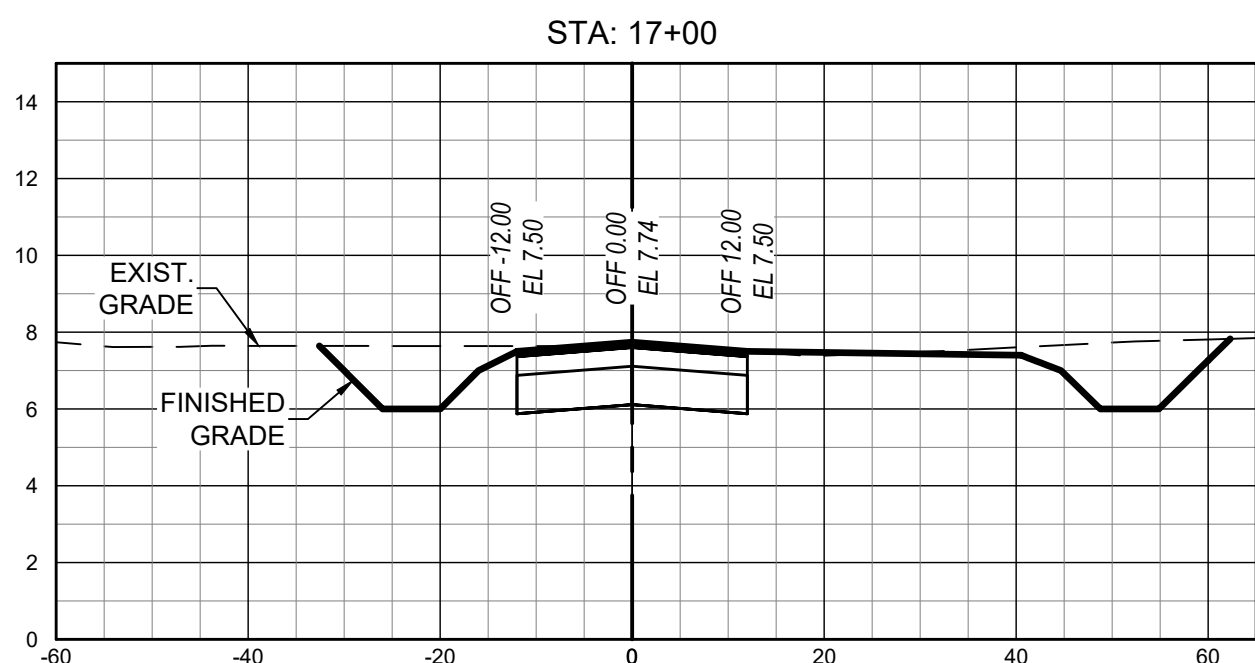
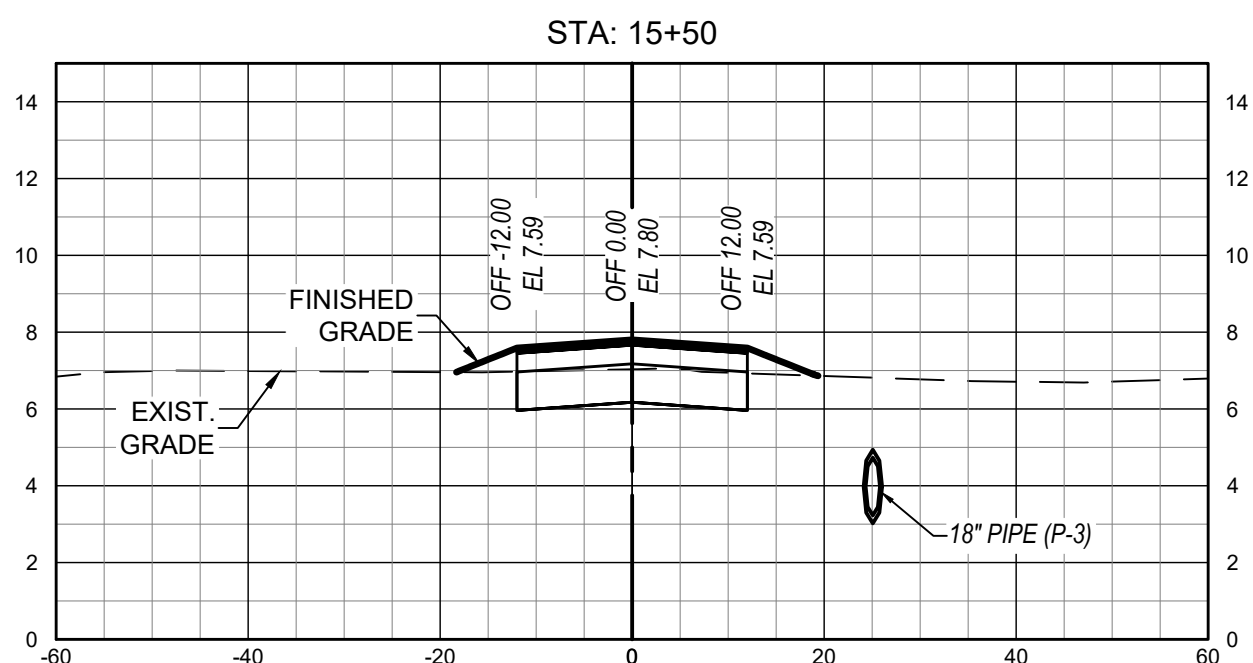
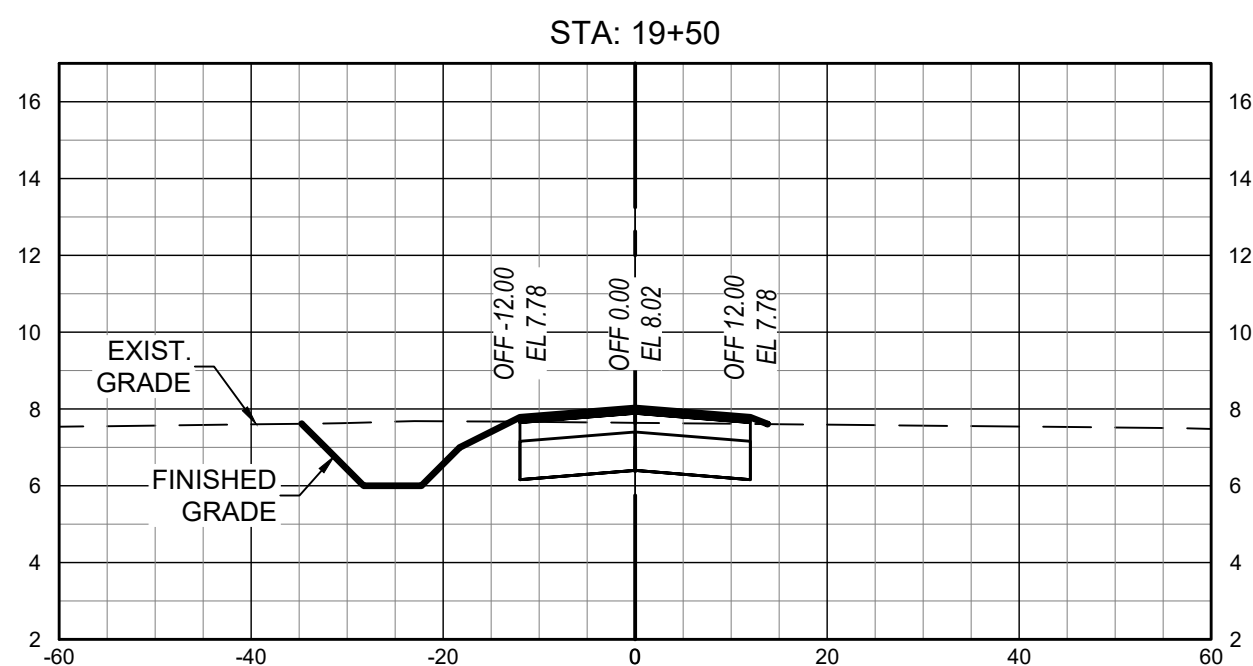
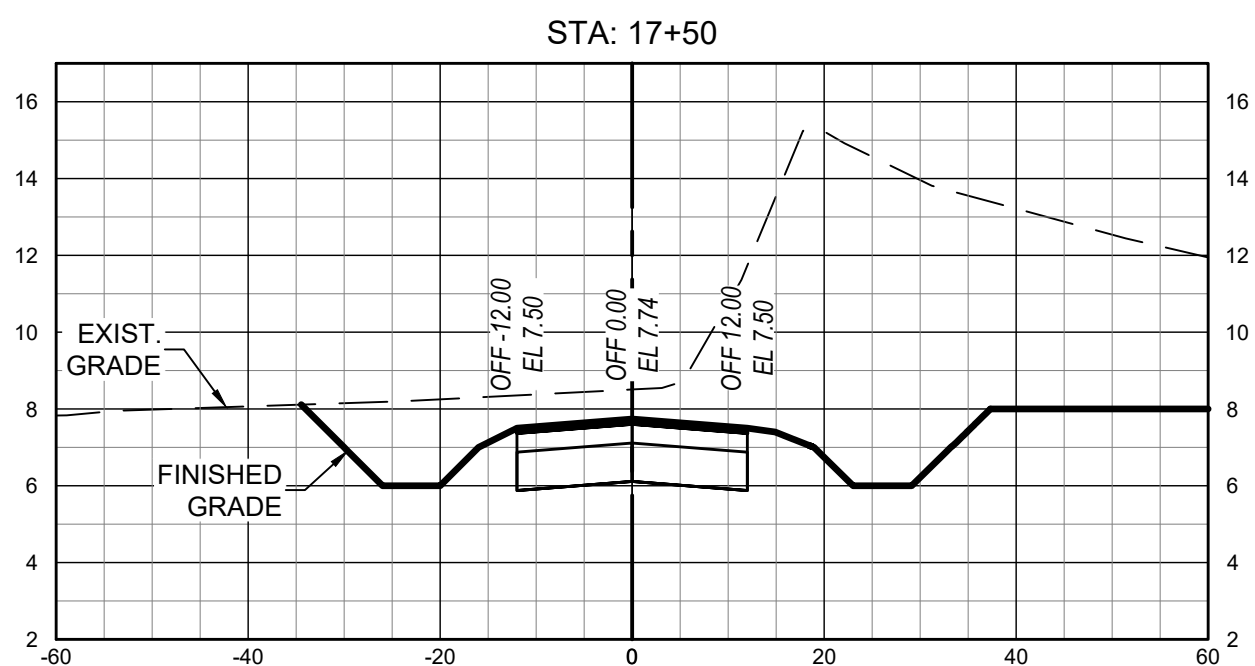
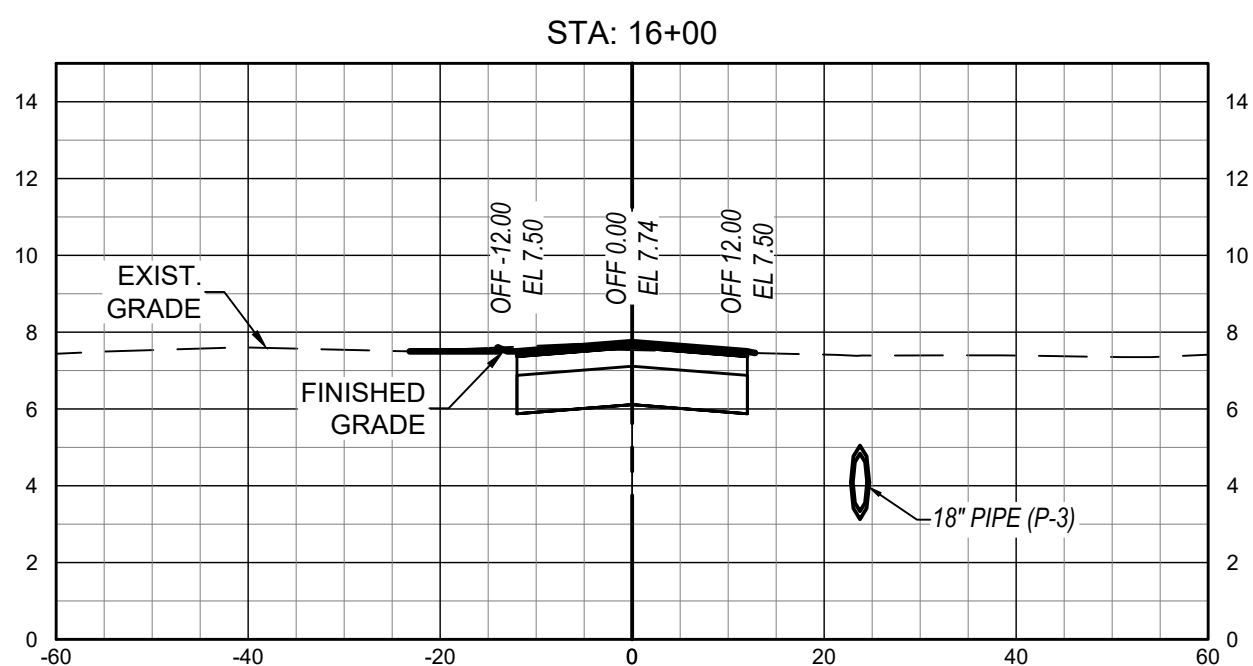
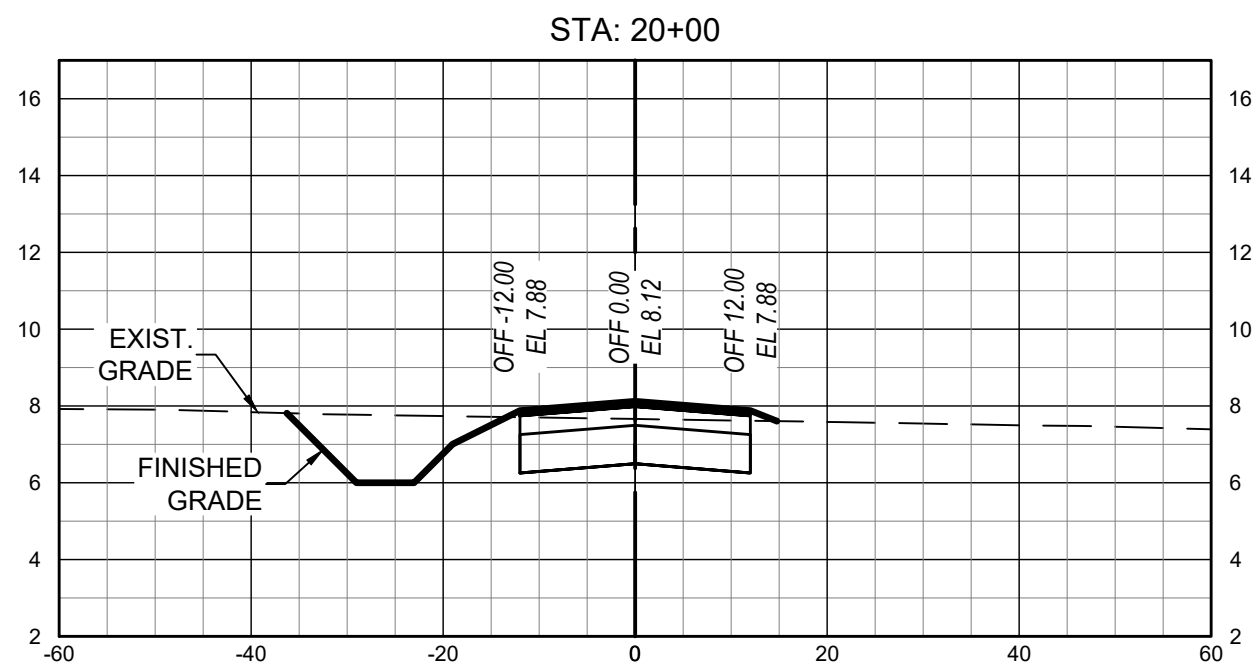
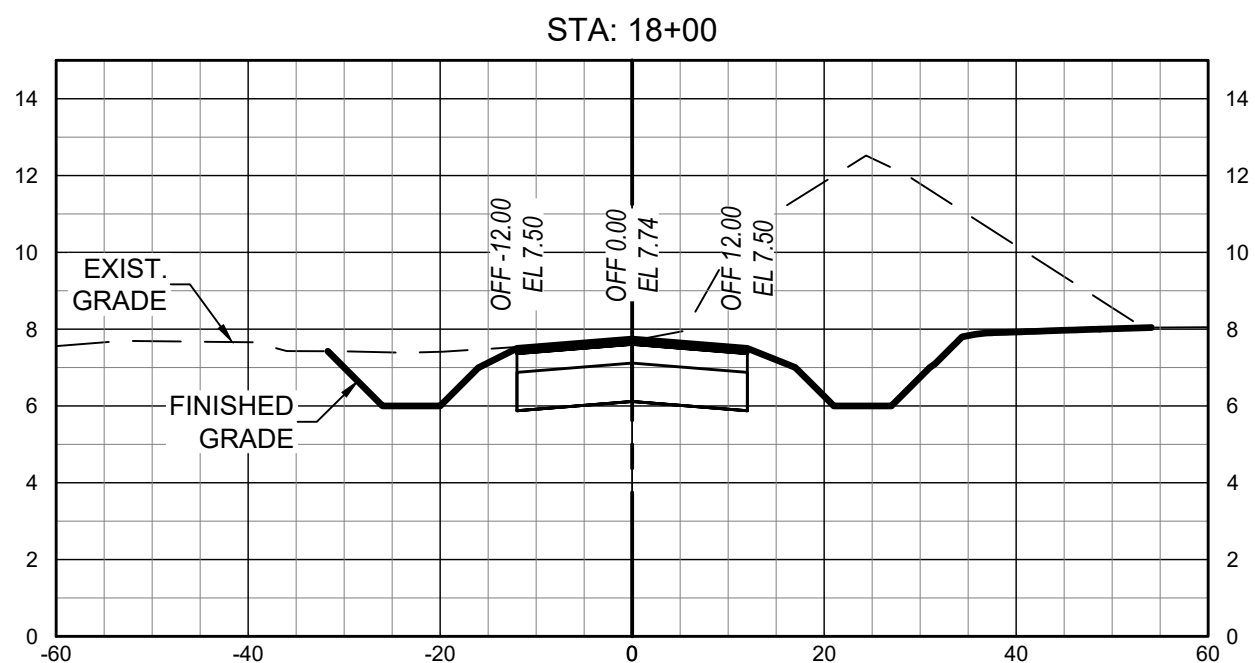
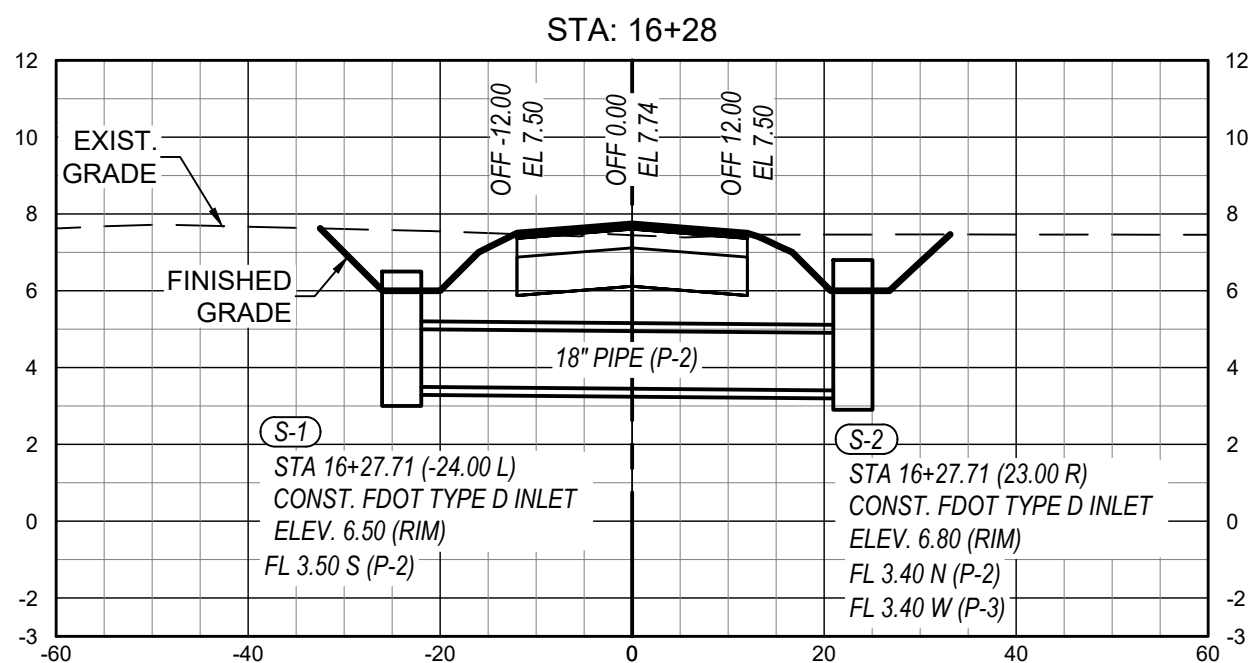
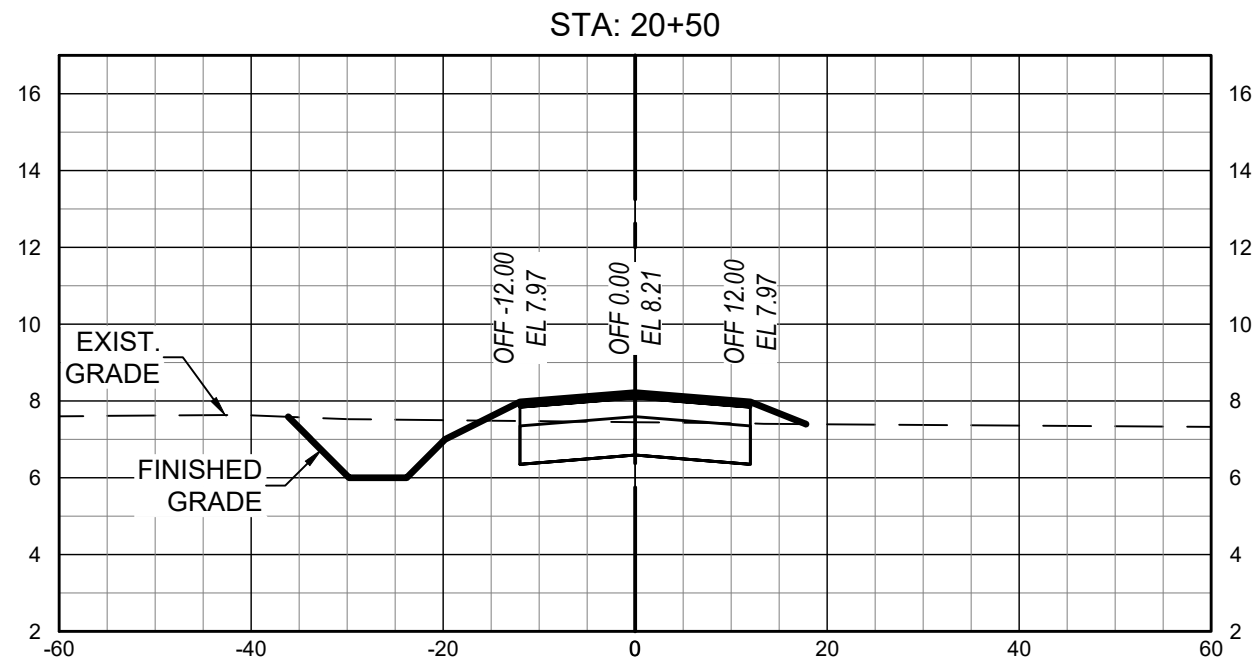
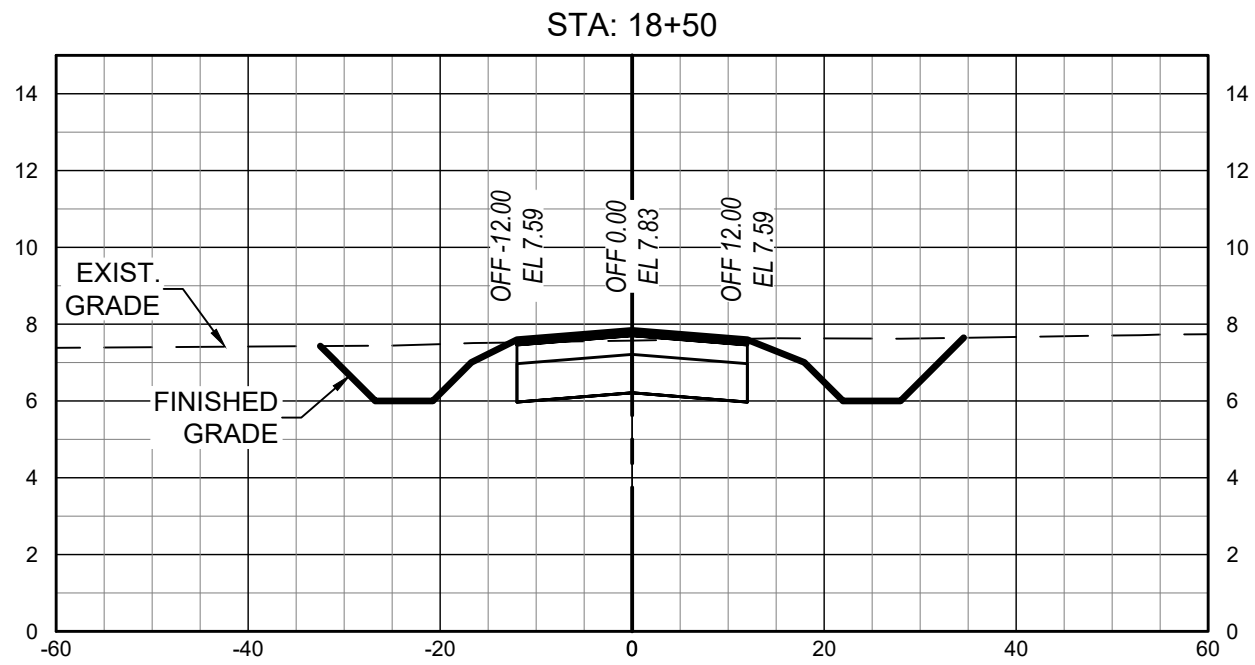
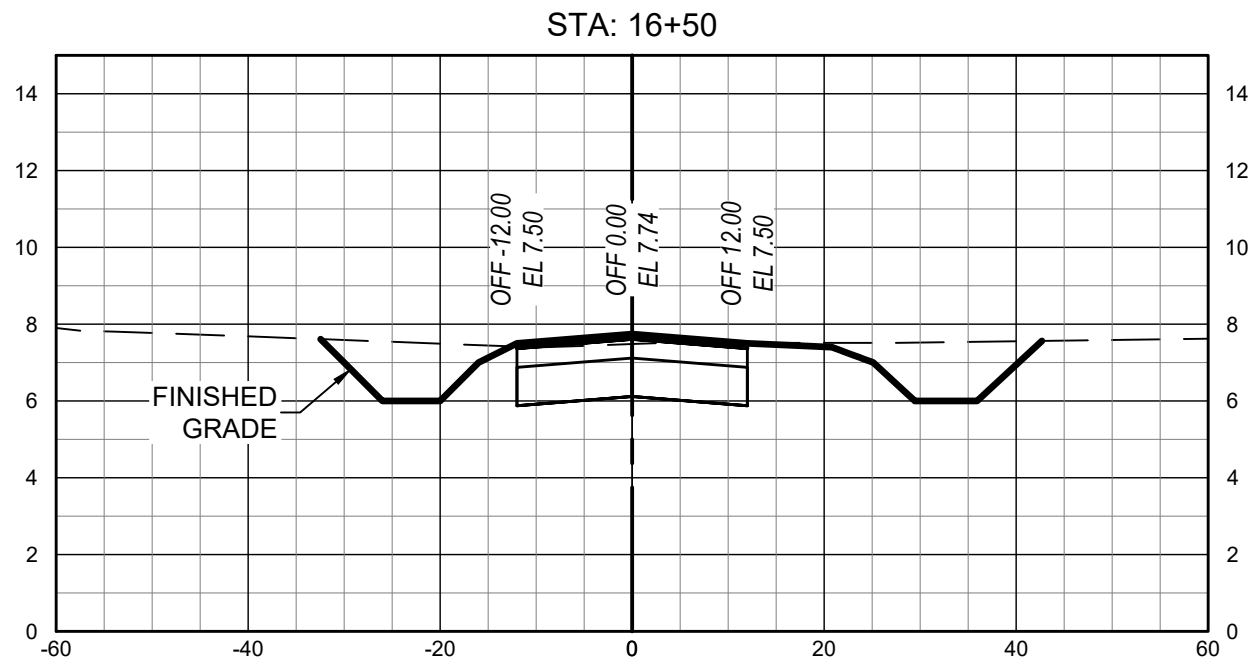
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Project Number 368117		B/O 16		Total 50	
Designed S. WHITE		Eng check			
Drawn C. RILEY		Coordination	S. WHITE		
Dwg check		Approved			
Scale at ANSI D 1:20	Status PRE	Rev A	Security STD	Drawing Number C-016	

User Name: RLI36259
Time Stamp: Nov 29, 2021 - 2:22:15PM
Drawing Name: C-016 Roadway Cross Sections Access Drive.dwg
Drawing Path: P:\088117 - esco perdido bay boat ramp\Drawings\Civil\Drawings\Sheets\Plan Set\

User Name: RU 36259
Time Stamp: Nov 29, 2021 - 2:22:34PM
Drawing Name: C-017 Roadway Cross Sections Access Drive.dwg
Drawing Path: P:\988117 - esco perdido bay boat ramp\Drawings\Civil\Drawings\Sheets\Plan Set\



Rev	Date	Drawn	Description	Ch'k'd	App'd
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Suite 700
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United States of America
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client
**Escambia County
Board of County Commissioners**

Title
Perdido Bay Boat Ramp

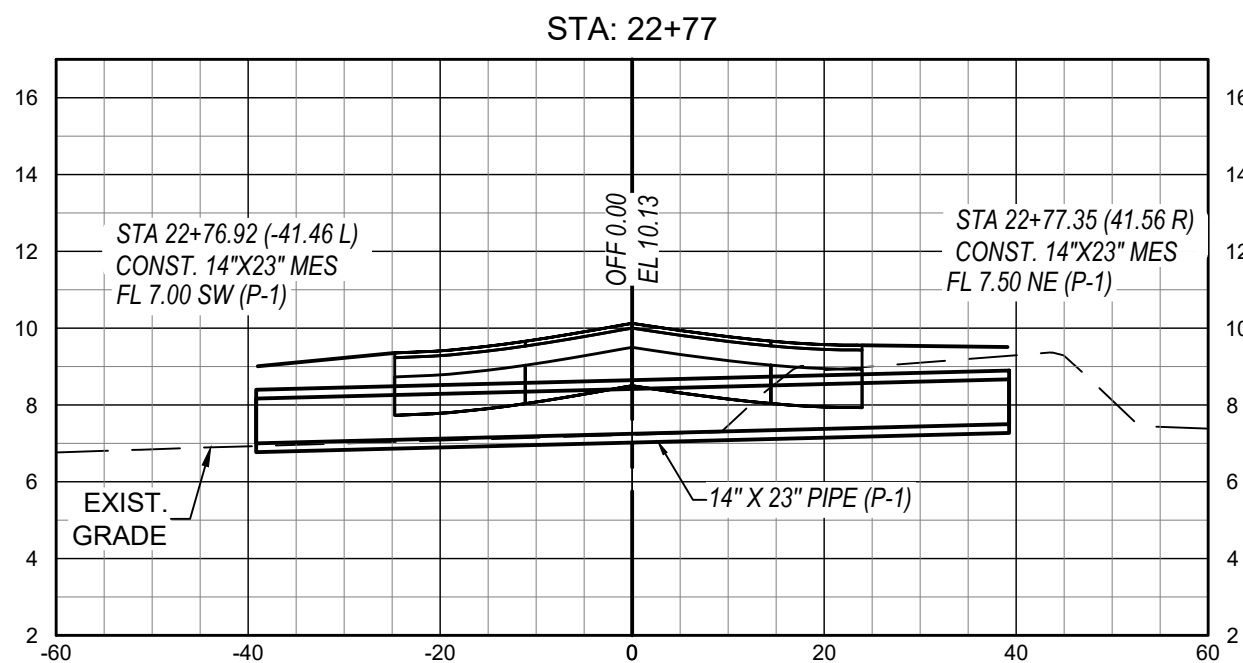
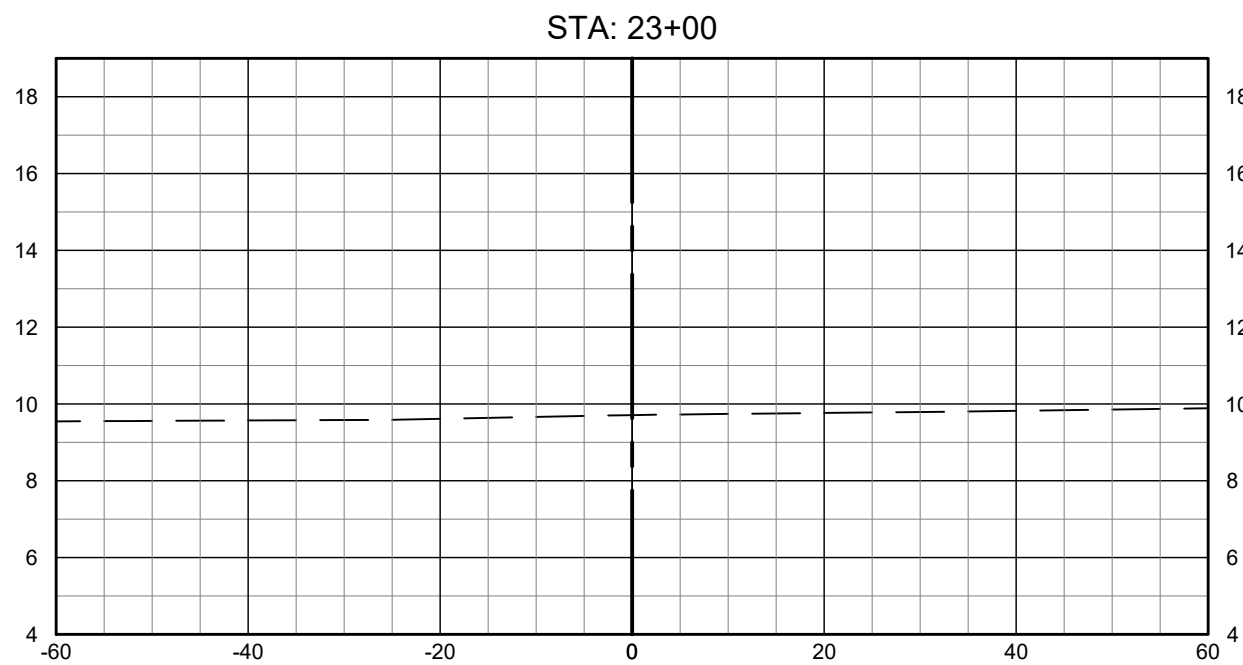
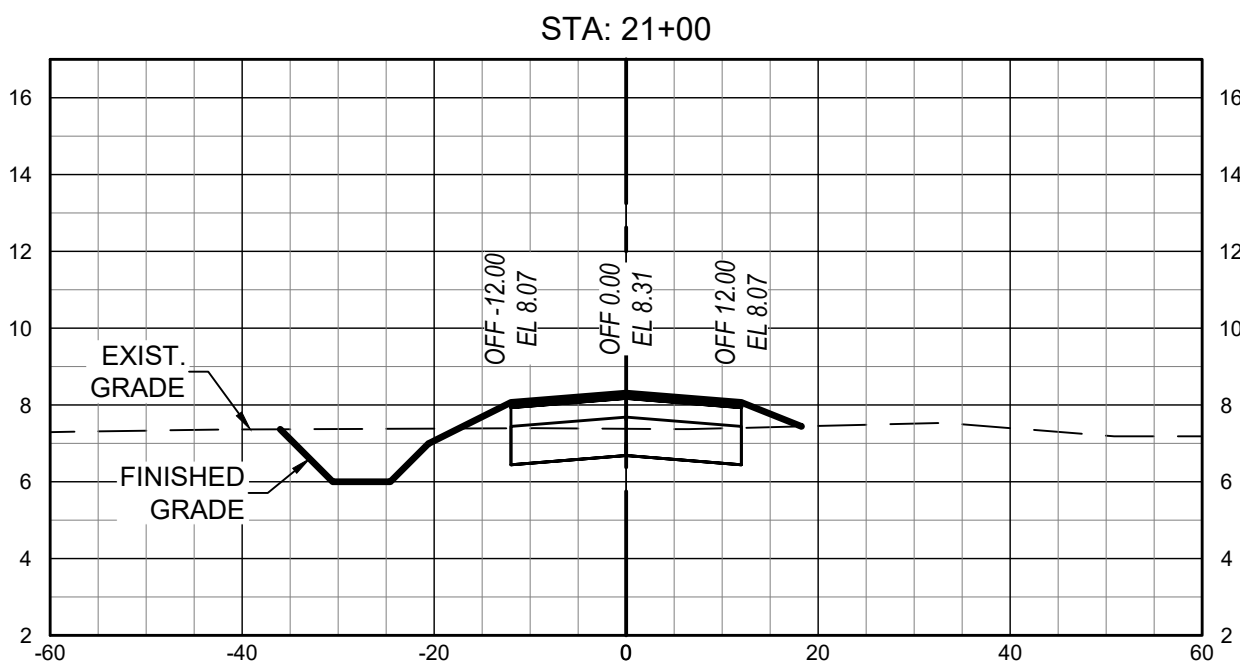
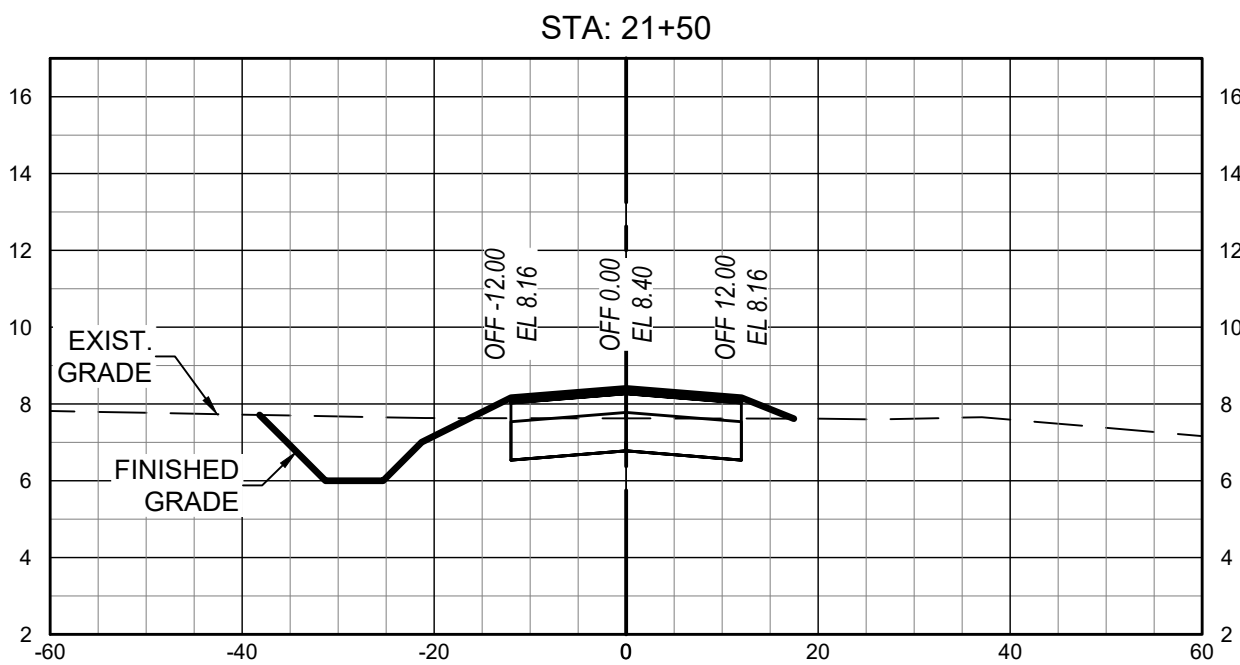
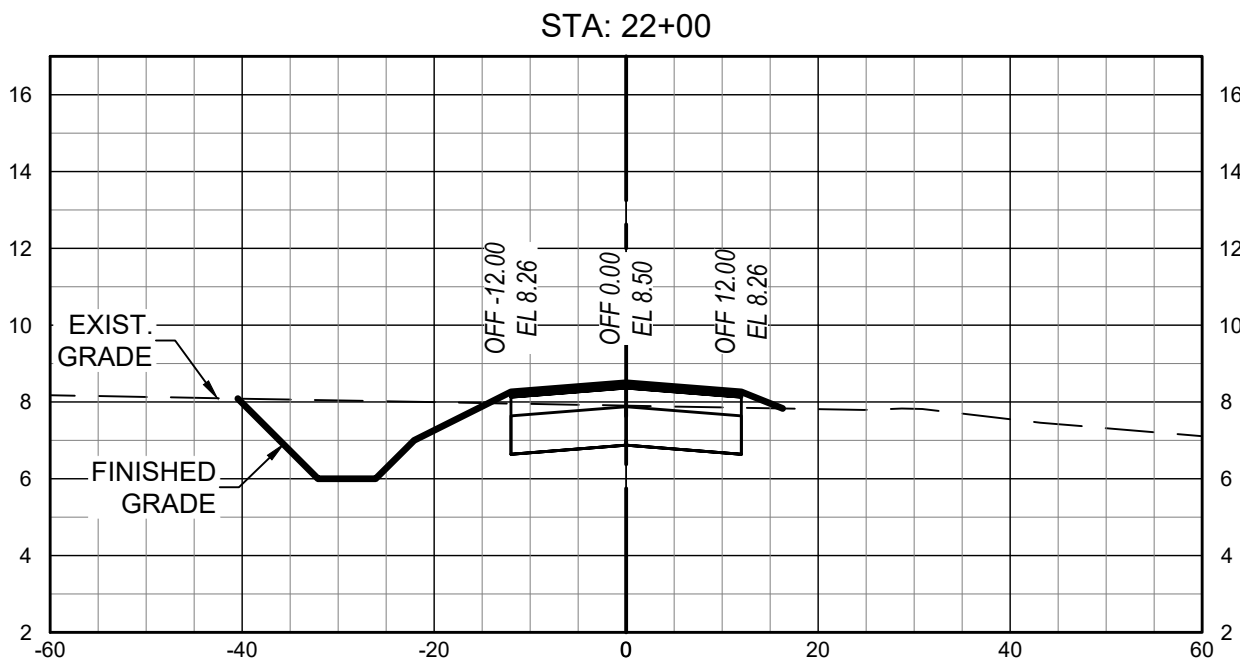
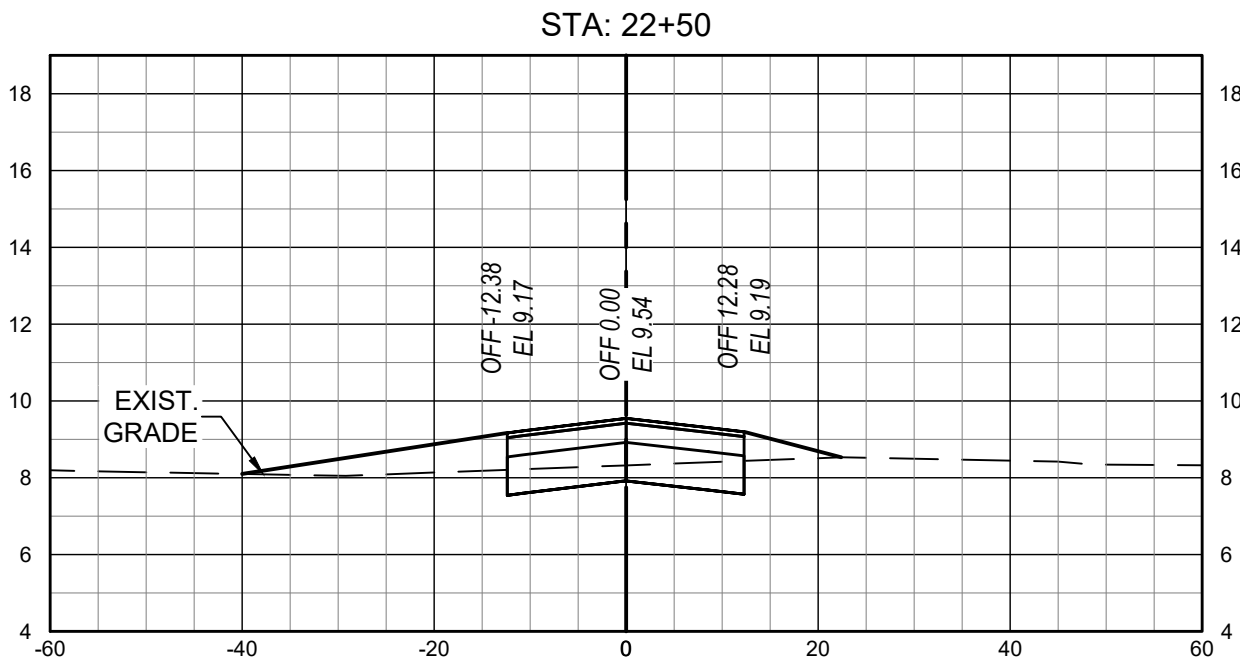
ROADWAY CROSS SECTIONS ACCESS DRIVE

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Project Number 368117			B/O 17		Total 50		
Designed	S. WHITE		Eng check				
Drawn	C. RILEY		Coordination		S. WHITE		
Dwg check			Approved				
Scale at ANSI D 1:20		Status PRE		Rev A		Security STD	
Drawing Number							

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Time Stamp: Nov 29, 2021 - 2:22:52PM
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Rev	Date	Drawn	Description	Ch'k'd	App'd
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client
Escambia County
Board of County Commissioners

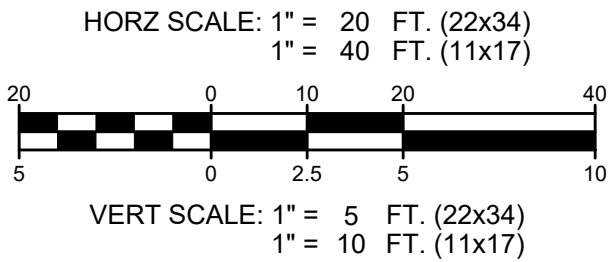
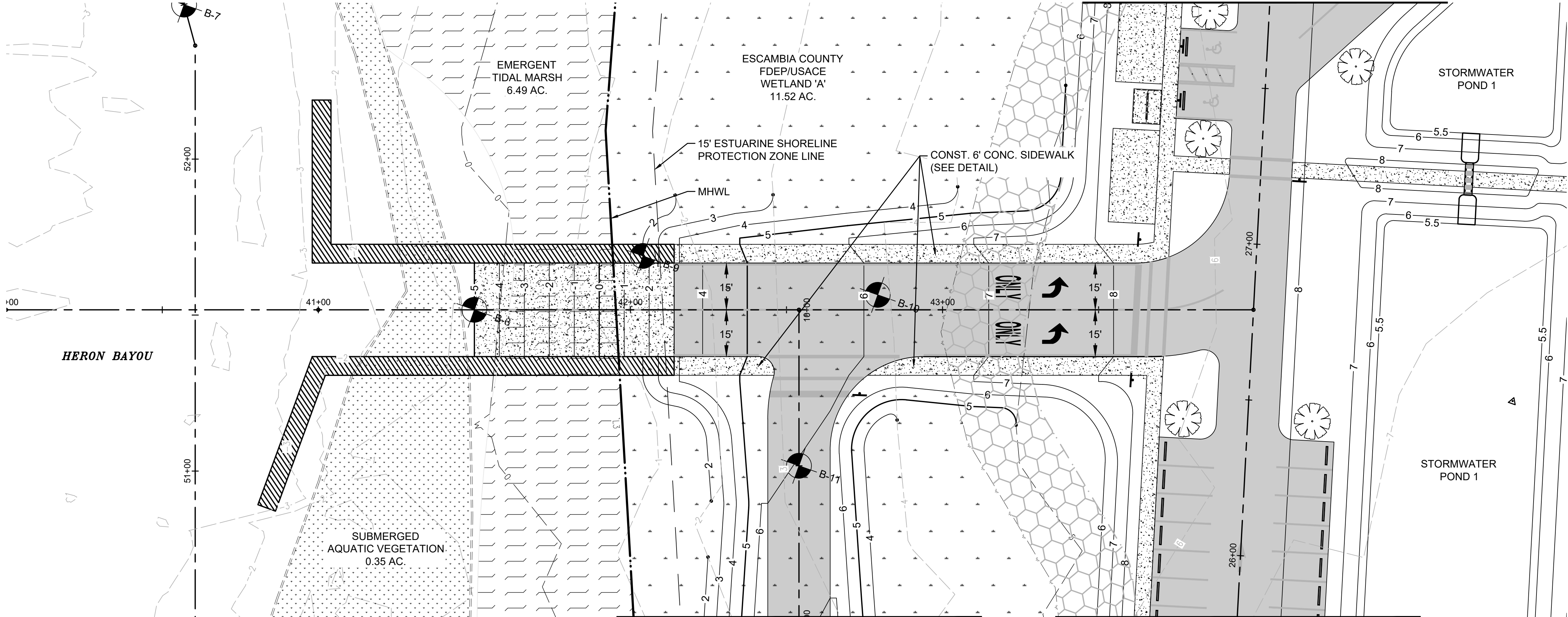
Title
Perdido Bay Boat Ramp

ROADWAY CROSS SECTIONS ACCESS DRIVE

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Project Number	B/O	Total	
368117	18	50	
Designed	S. WHITE	Eng check	
Drawn	C. RILEY	Coordination	S. WHITE
Dwg check		Approved	
Scale at ANSI D	Status	Rev	Security
1:20	PRE	A	STD
Drawing Number			
C-018			



SEE SHT. C-012 FOR CONTINUATION

SEE SHT. C-008 FOR CONTINUATION

BOAT RAMP

- NOTES:
1. POND SIDE SLOPES SHALL BE SODDED.
 2. POND BOTTOMS SHALL RECEIVE SEED.
 3. SEED ALL DISTURBED AREAS NOT RECEIVING SOD.

LEGEND

PROPOSED ASPHALT PAVEMENT

PROPOSED CONC. PAVEMENT

ESCAMBIA COUNTY/FDEP
25' UPLAND BUFFER

WETLAND

EMERGENT TIDAL MARSH

SUBMERGED AQUATIC VEGETATION
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BY WETLAND SCIENCES, INC 11/19/17

ESCAMBIA COUNTY/FDEP/USACE
WETLAND JURISDICTION LINE
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Rev	Date	Drawn	Description	Ch'k'd	App'd
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

PLAN & PROFILE BOAT RAMP
STA: 40+00 - 45+00

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Project Number

368117

B/O

19

Total

50

Designed

S. WHITE

Eng check

Drawn

C. RILEY

Coordination

S. WHITE

Dwg check

Approved

Scale at ANSI D

1:20

Status

PRE

Rev

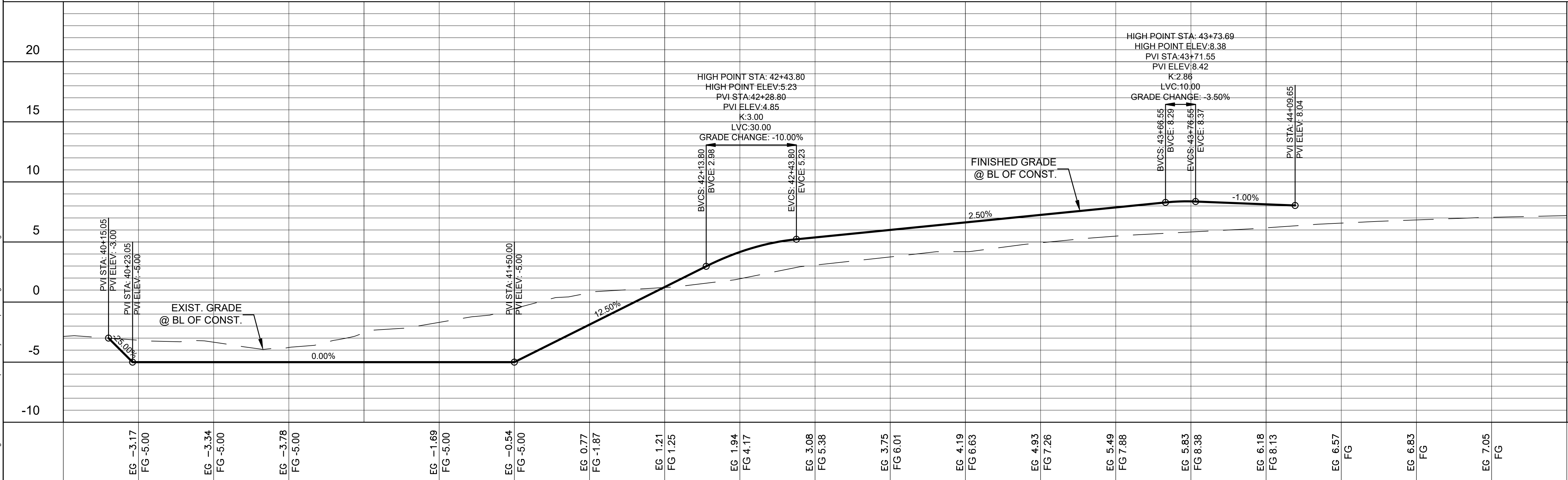
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Security

STD

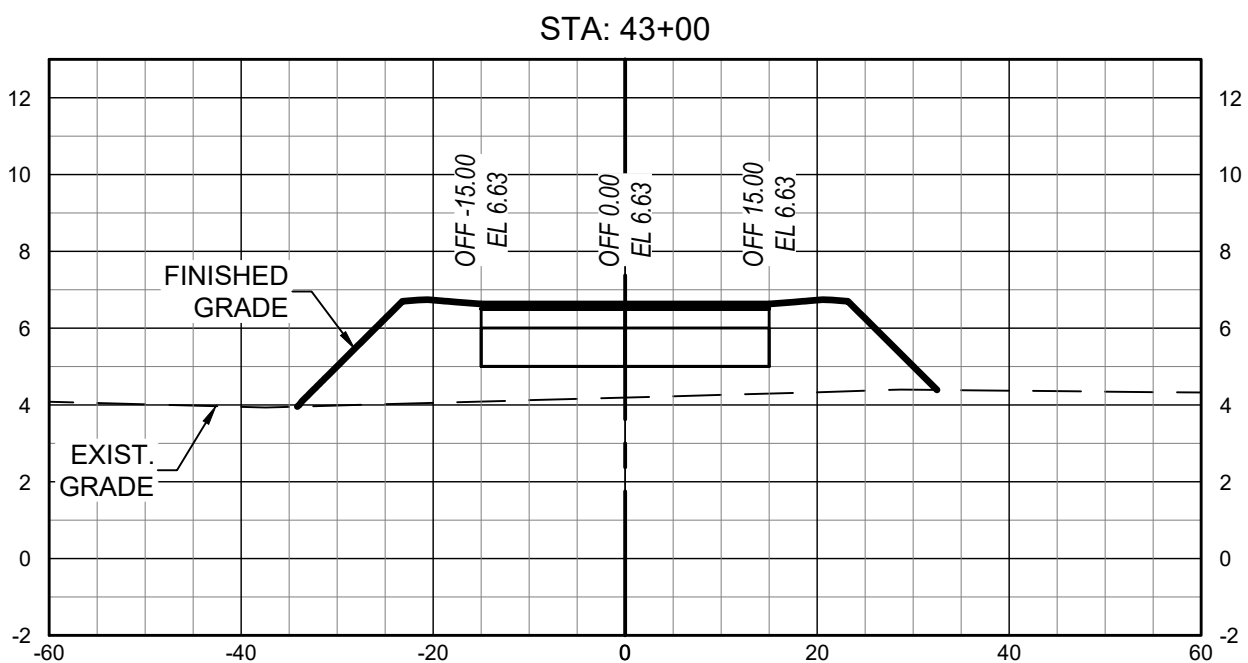
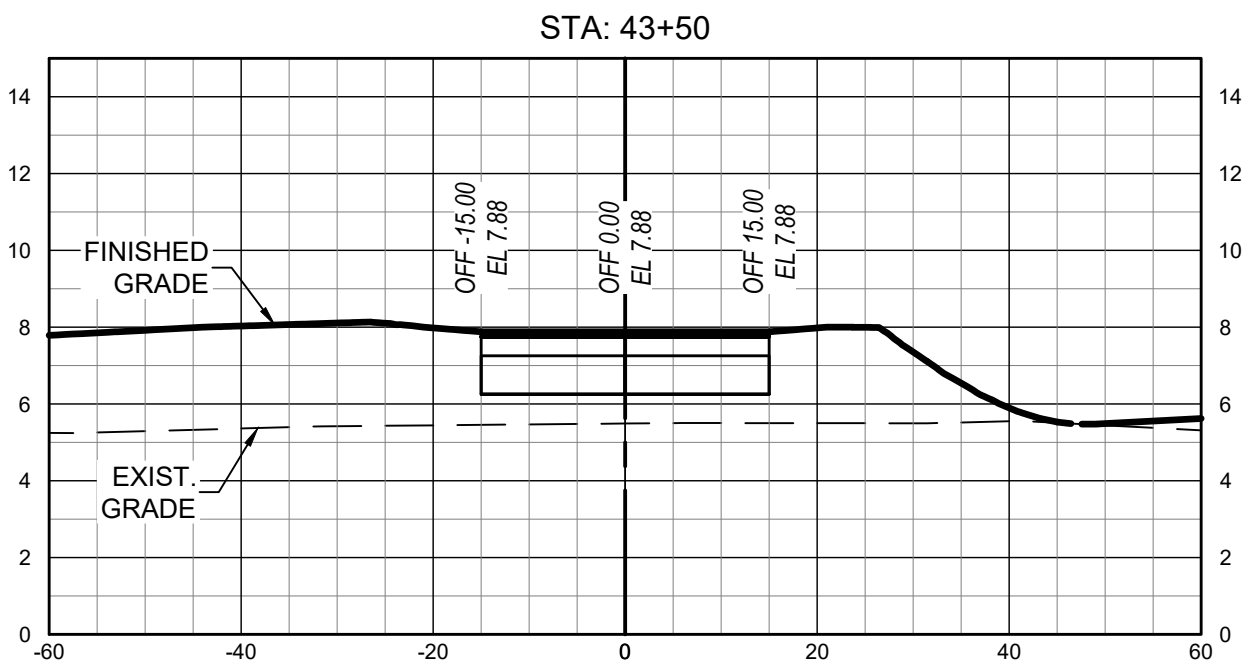
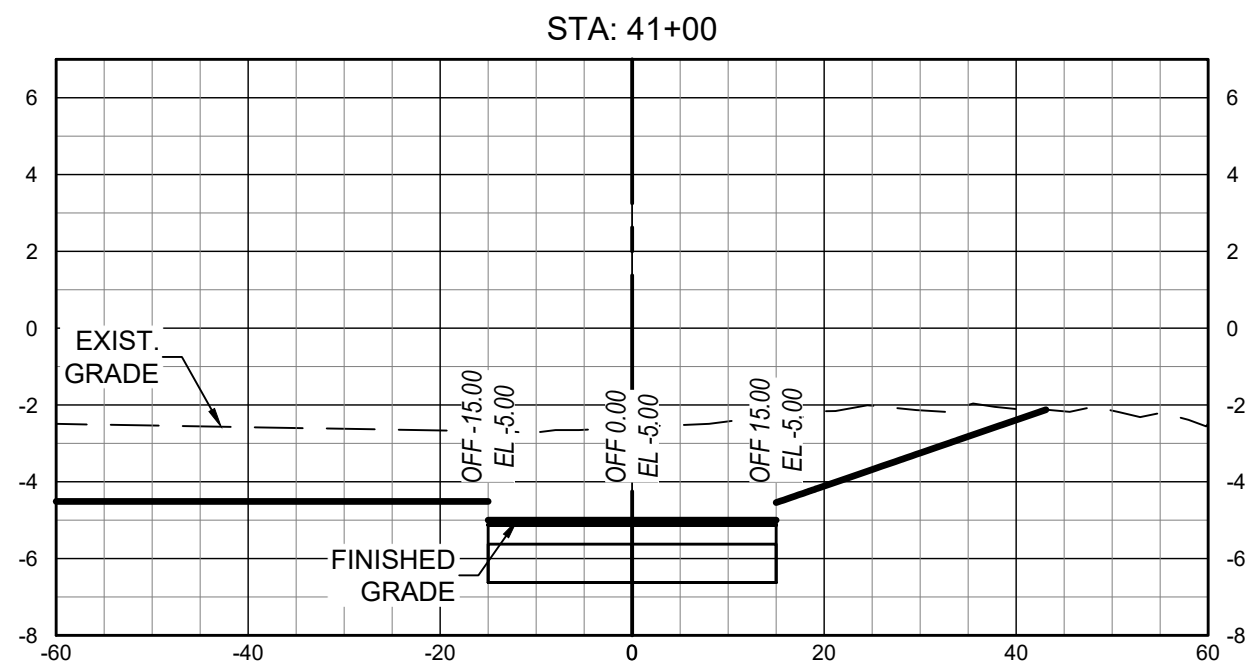
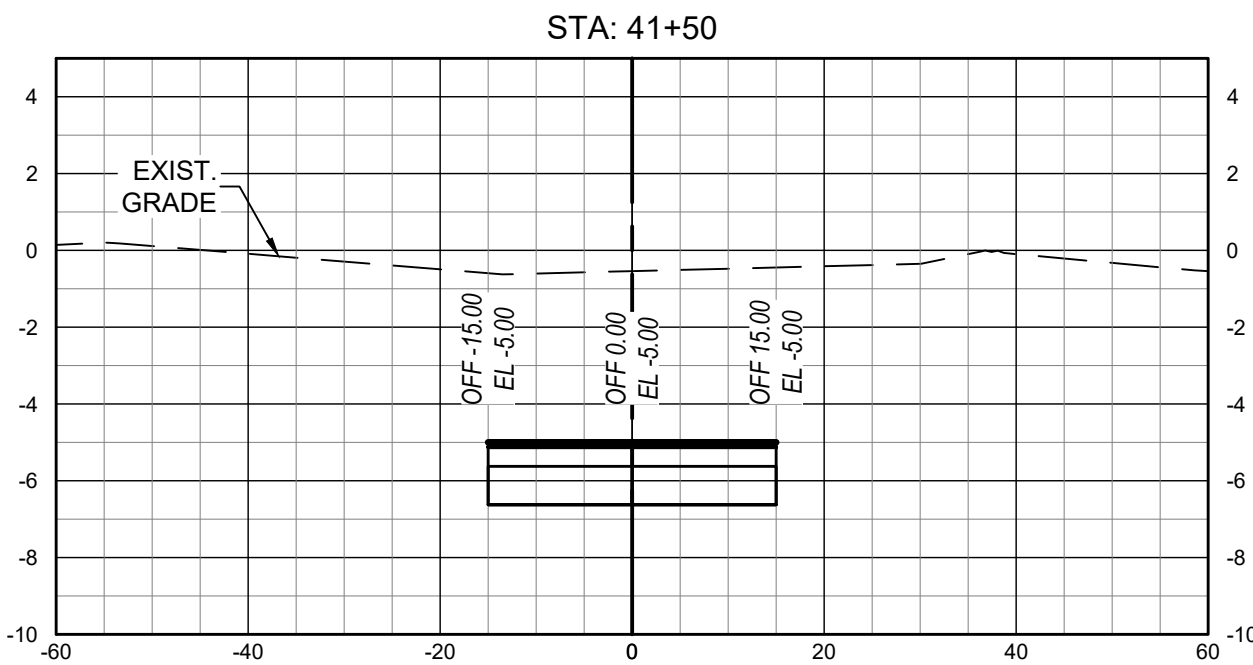
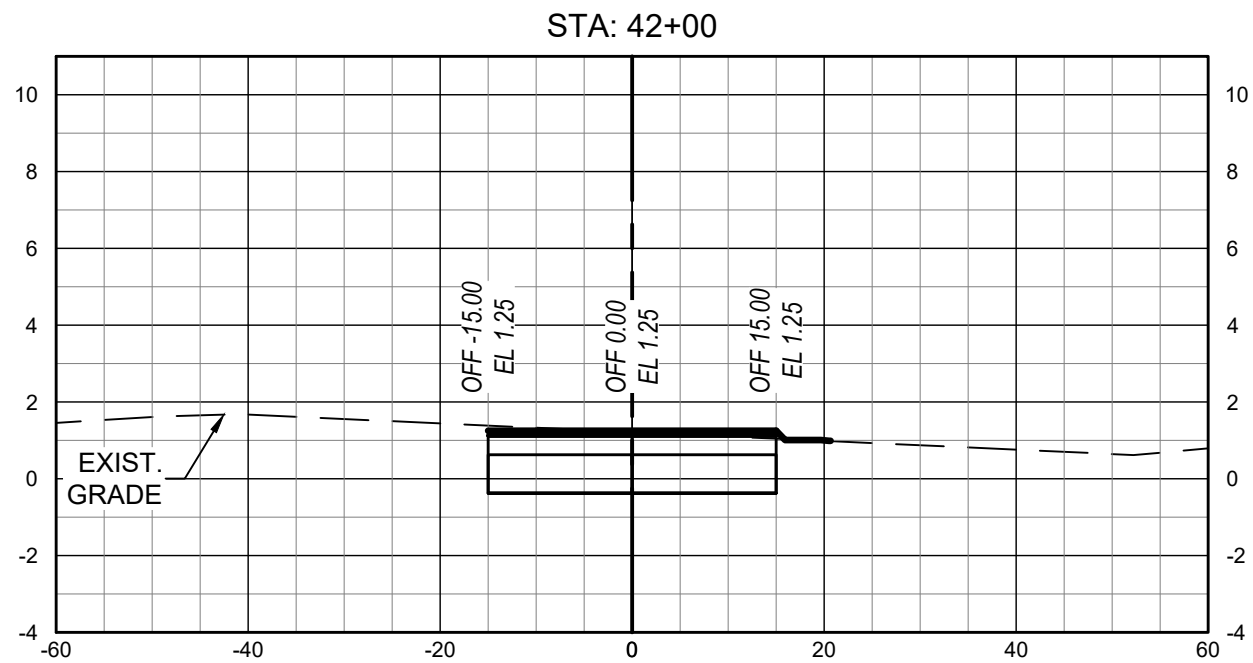
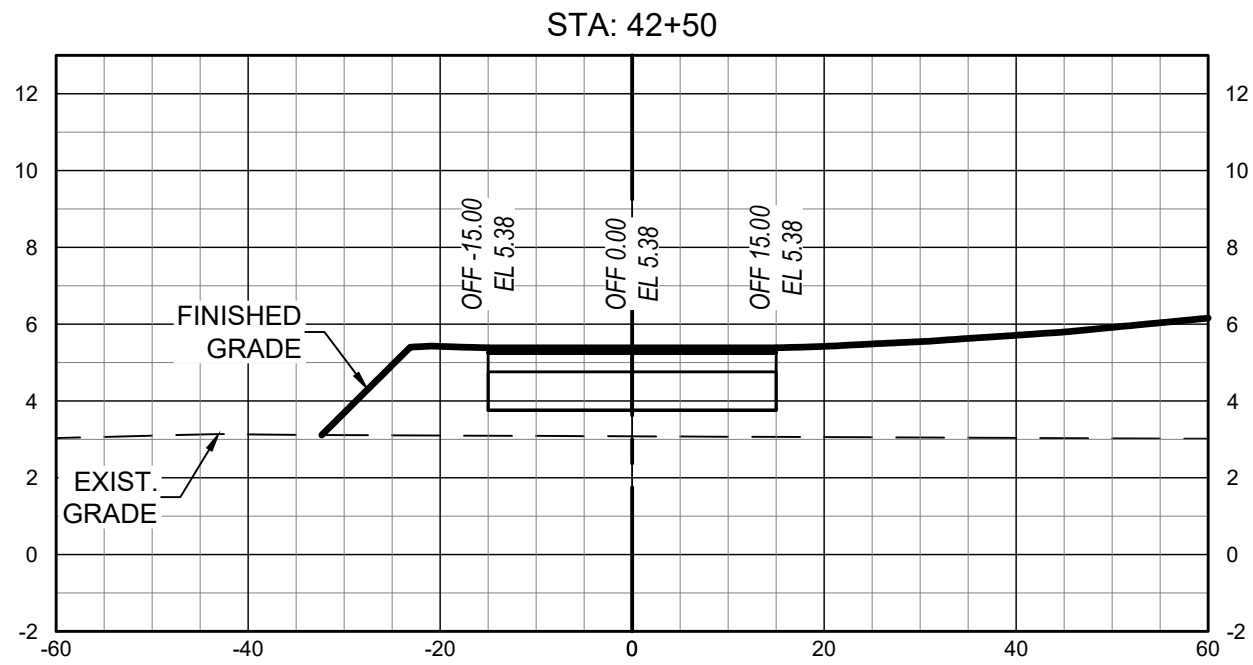
Drawing Number

C-019



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Time Stamp: Nov 29, 2021 - 2:23:22PM
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User Name: RU36256
Time Stamp: Nov 29, 2021 - 2:23:50PM
Drawing Name: C-020 Roadway Sections Boat Ramp.dwg
Drawing Path: P:\988117 - esco perdido bay boat ramp\Drawings\Civil\cad drawings\Sheets\Plan Set\



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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client
**Escambia County
Board of County Commissioners**

Title
Perdido Bay Boat Ramp

ROADWAY SECTIONS BOAT RAMP

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Project Number 368117			B/O 20		Total 50
Designed S. WHITE			Eng check		
Drawn C. RILEY			Coordination	S. WHITE	
Dwg check			Approved		
Scale at ANSI D 1:20	Status PRE		Rev A	Security STD	
Drawing Number C-020					

ACCESS CHANNEL

LEGEND

PROPOSED ASPHALT PAVEMENT

PROPOSED CONC. PAVEMENT

ESCAMBIA COUNTY/FDEP
25' UPLAND BUFFER

WETLAND

EMERGENT TIDAL MARSH

SUBMERGED AQUATIC VEGETATION
(VALLISNERIA AMERICANA) DELINEATED
BY WETLAND SCIENCES, INC 11/19/17

ESCAMBIA COUNTY/FDEP/USACE
WETLAND JURISDICTION LINE
(DELIENATED BY WETLAND
SCIENCES, INC. 03/16/17

PROPERTY LINE

NOTE:
ESCAMBIA COUNTY SHALL ARRANGE FOR A 100%
4TR
4 FT. RED TRIANGULAR
DAYBOARD, SEE SHT. C-039
3SG
3 FT. GREEN SQUARE
DAYBOARD, SEE SHT. C-039

Rev	Date	Drawn	Description	Ch	k'd	App'd
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Pensacola, FL 32502
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

PLAN & PROFILE ACCESS CHANNEL

STA: 48+00 - 55+00

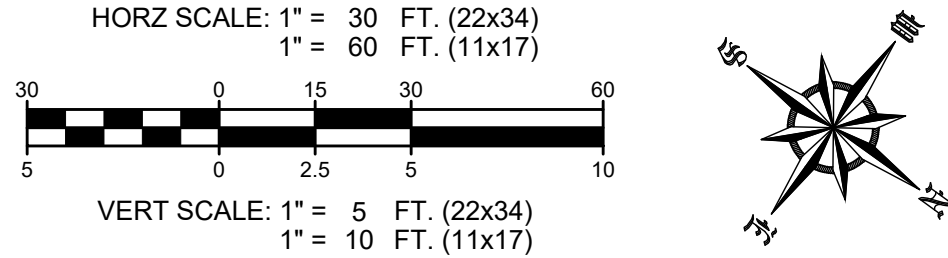
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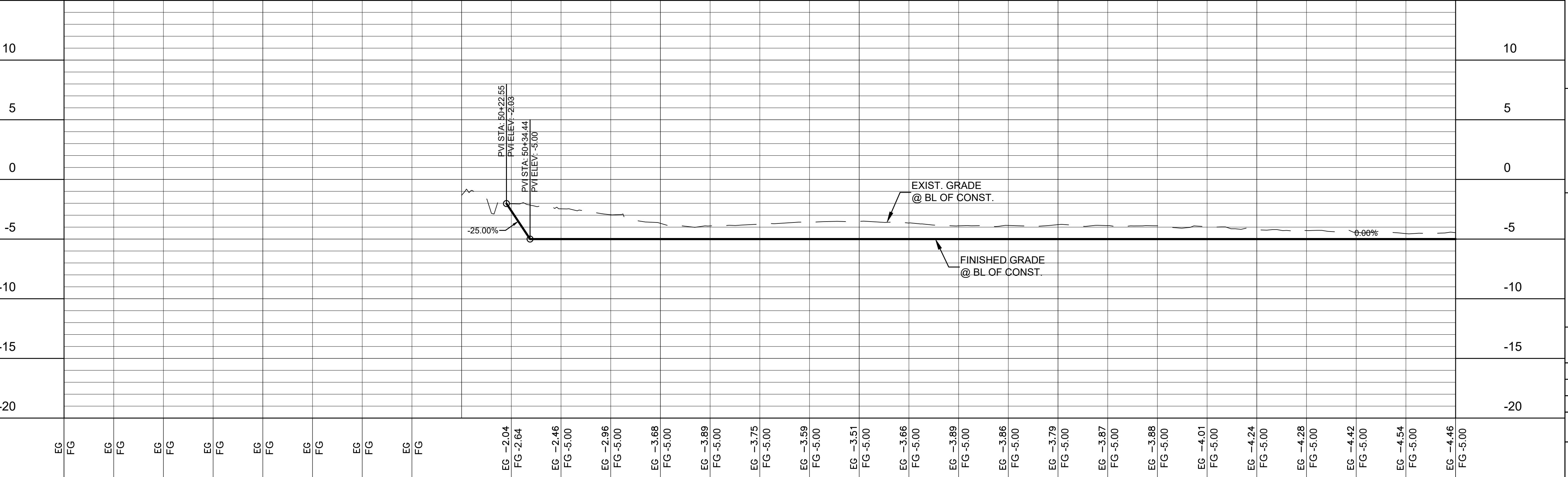
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Drawn	C. RILEY	Coordination		S. WHITE	
Dwg check		Approved			
Scale at ANSI D		Status	Rev		Security
1:30		PRE	A		STD

Drawing Number

C-021

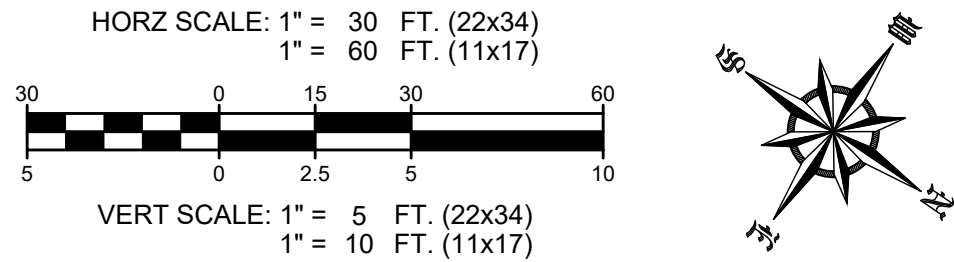
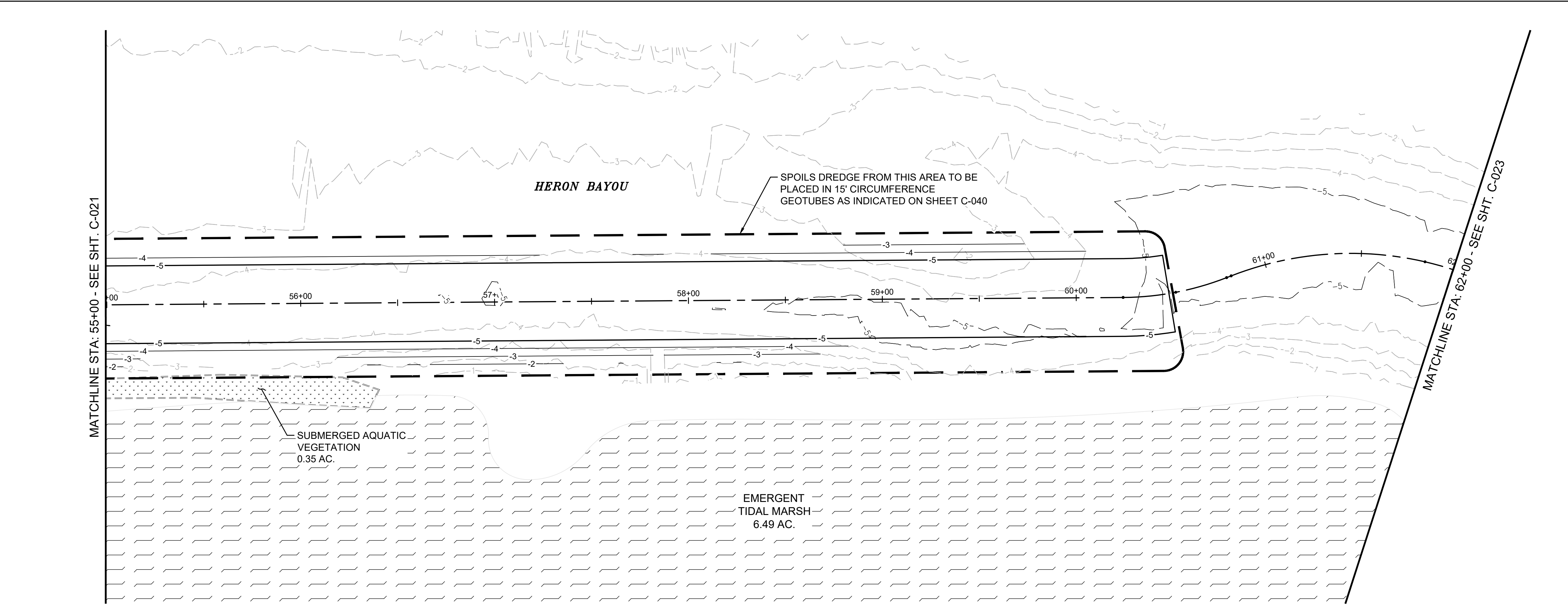


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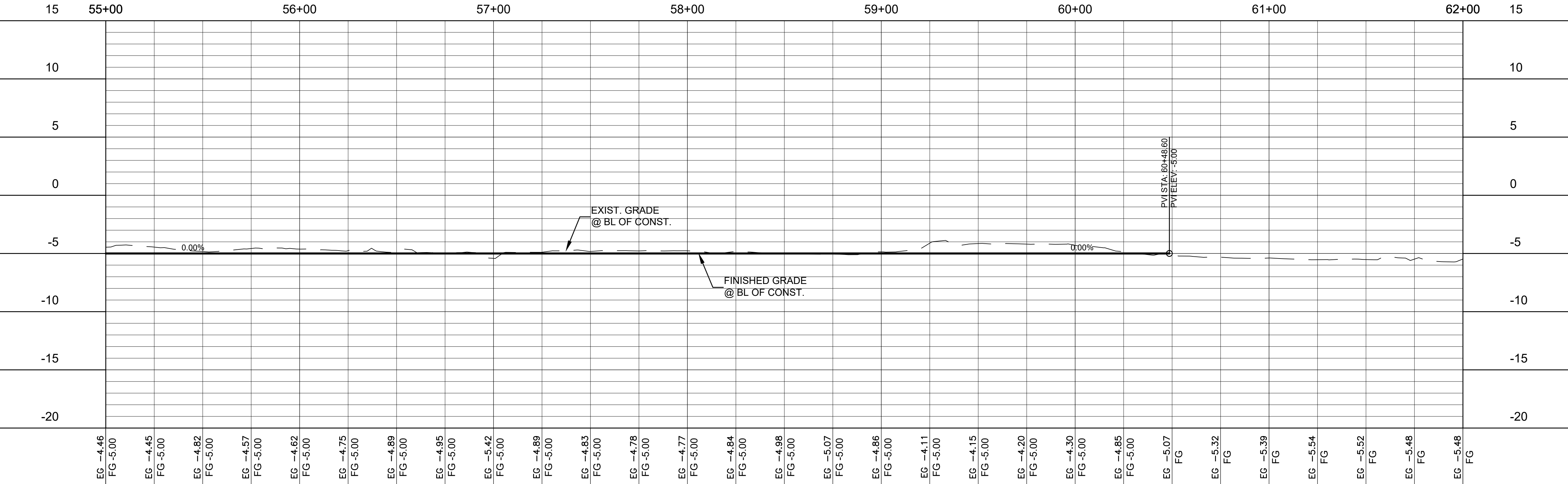


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Time Stamp: Nov 29, 2021 - 2:24:58PM
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ACCESS CHANNEL



LEGEND

- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONC. PAVEMENT
- ESCAMBIA COUNTY/FDEP 25' UPLAND BUFFER
- WETLAND
- EMERGENT TIDAL MARSH
- SUBMERGED AQUATIC VEGETATION (VALLISNERIA AMERICANA) DELINEATED BY WETLAND SCIENCES, INC 11/19/17
- ESCAMBIA COUNTY/FDEP/USACE WETLAND JURISDICTION LINE (DELIANIATED BY WETLAND SCIENCES, INC. 03/16/17)
- PROPERTY LINE

NOTE:
ESCAMBIA COUNTY SHALL ADVANCE FOR A 100%

4TR 4 FT. RED TRIANGULAR DAYBOARD, SEE SHT. C-039

3SG 3 FT. GREEN SQUARE DAYBOARD, SEE SHT. C-039

Rev	Date	Drawn	Description	Ch	k'd	App'd
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Client
Escambia County Board of County Commissioners

Title
Perdido Bay Boat Ramp

PLAN & PROFILE ACCESS CHANNEL
STA: 55+00 - 62+00

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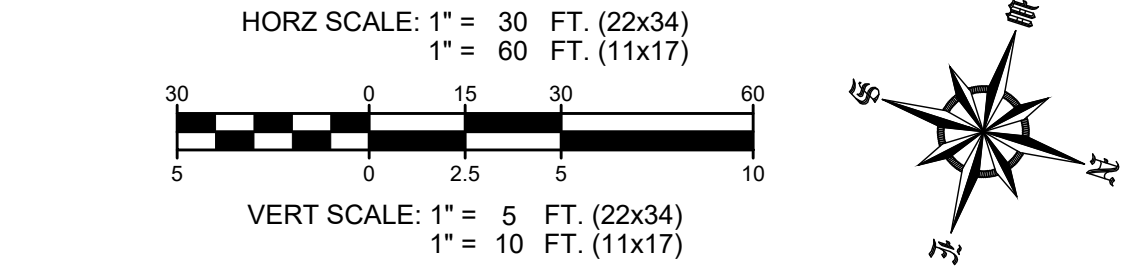
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Drawn	C. RILEY	Coordination
Dwg check		Approved
Scale at ANSI D	Status	Rev
1:30	PRE	A
Drawing Number		Security
		STD

C-022

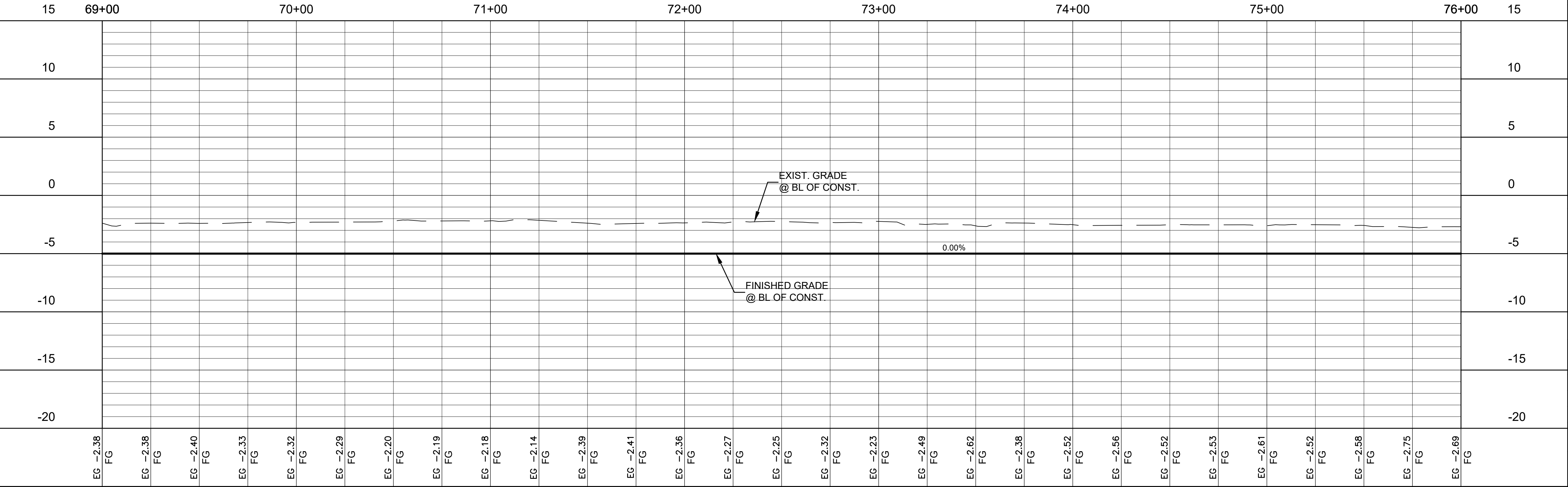
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Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

PLAN & PROFILE ACCESS CHANNEL
STA: 69+00 - 76+00

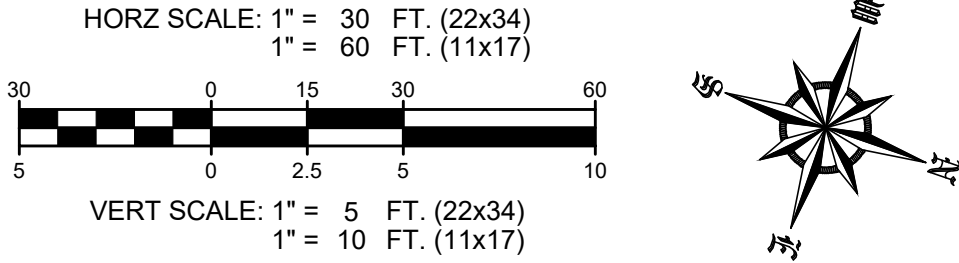
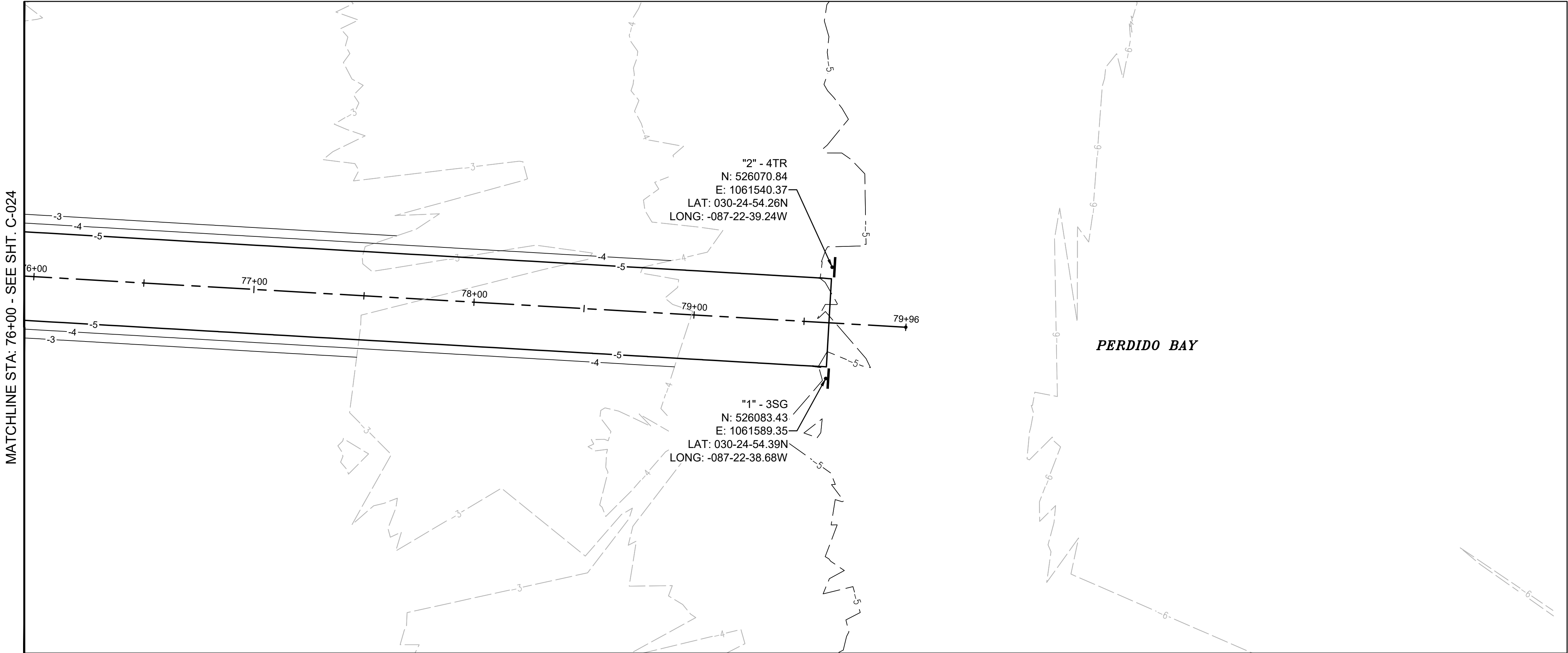
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Designed	S. WHITE		Eng check		
Drawn	C. RILEY		Coordination		S. WHITE
Dwg check			Approved		
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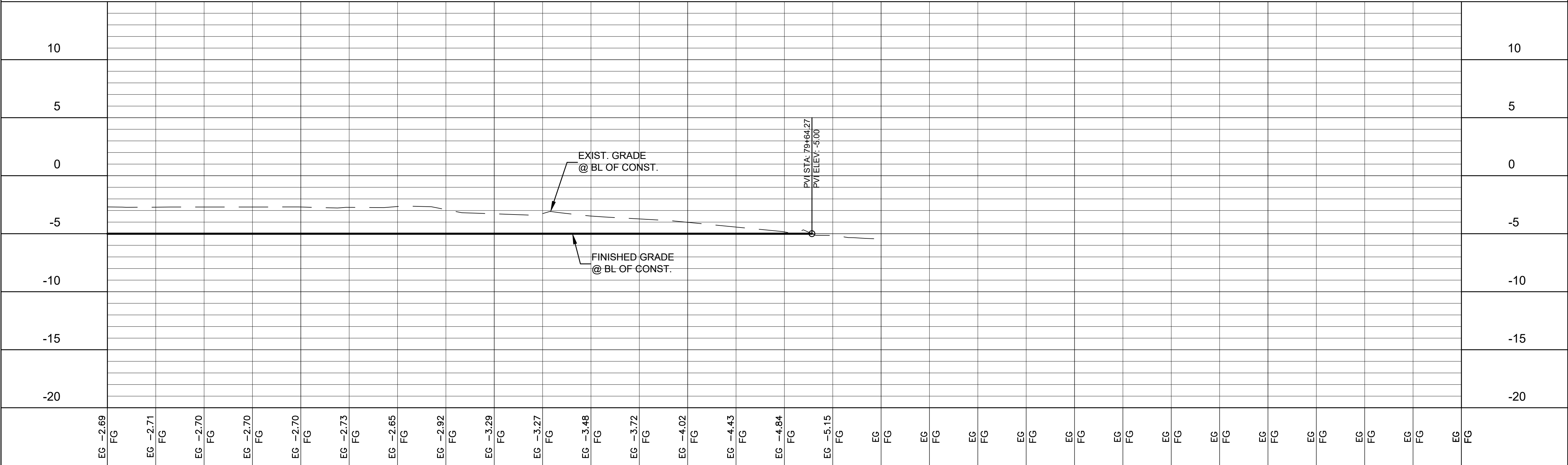
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C-024



ACCESS CHANNEL

15 76+00 77+00 78+00 79+00 80+00 81+00 82+00 83+00 15



LEGEND:	
4TR	4 FT. RED TRIANGULAR DAYBOARD, SEE SHT. C-039
3SG	3 FT. GREEN SQUARE DAYBOARD, SEE SHT. C-039

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client
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Board of County Commissioners

Title
Perdido Bay Boat Ramp

PLAN & PROFILE ACCESS CHANNEL
STA: 76+00 - 83+00

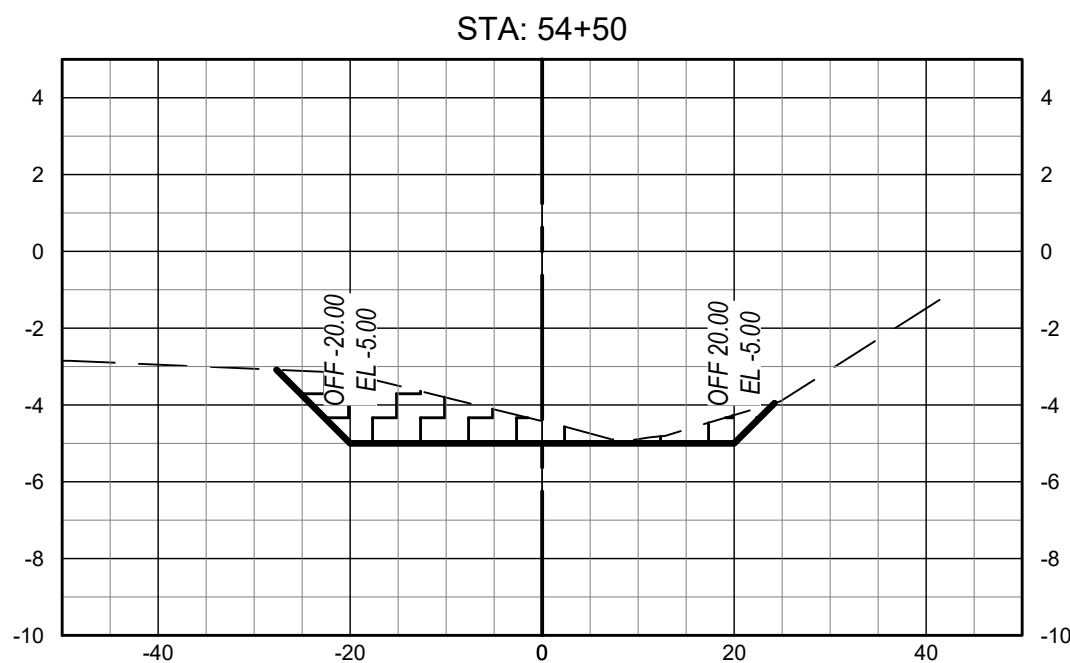
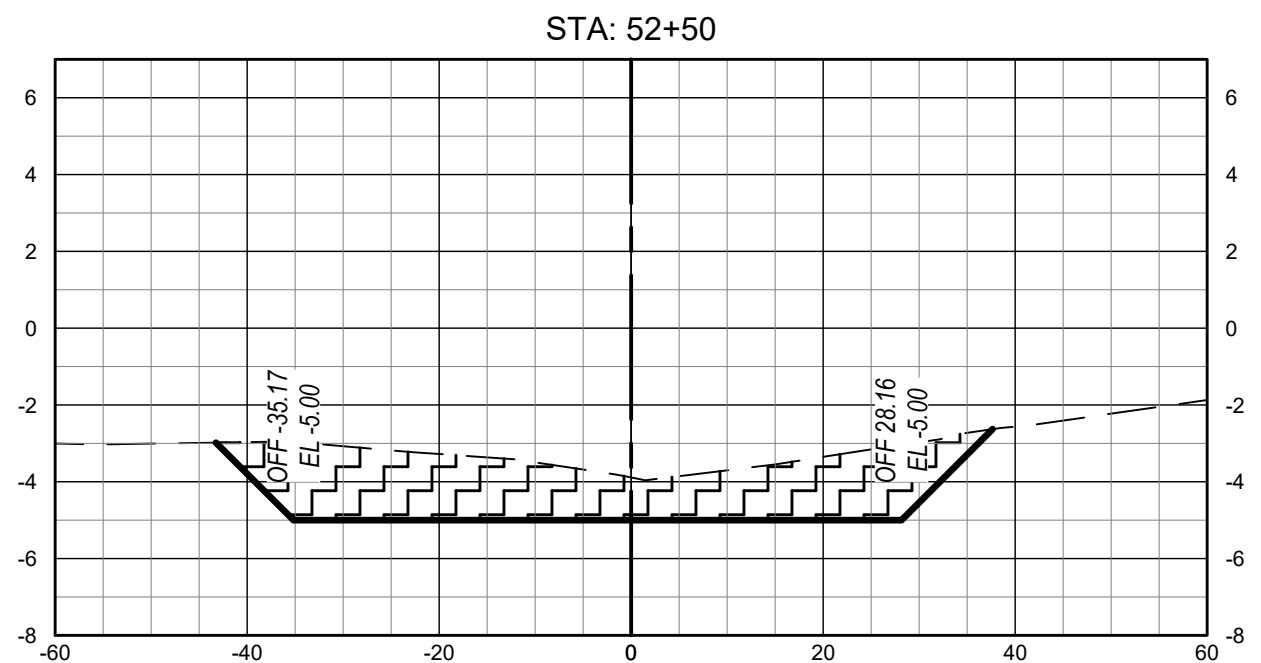
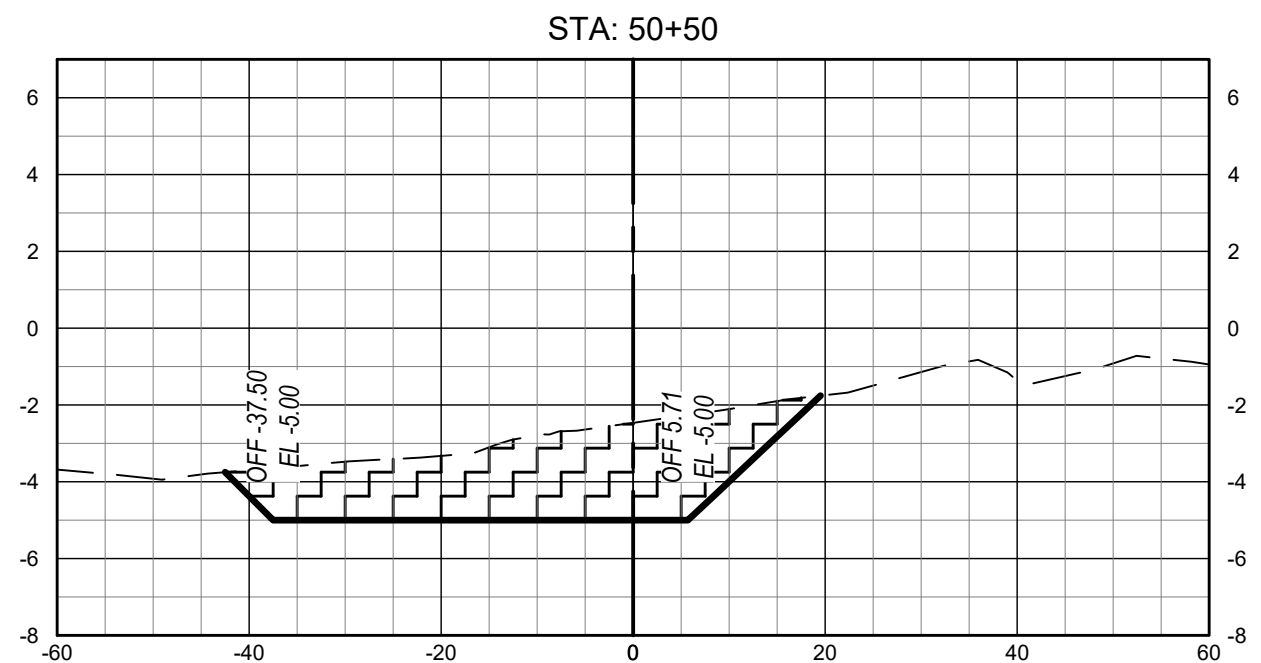
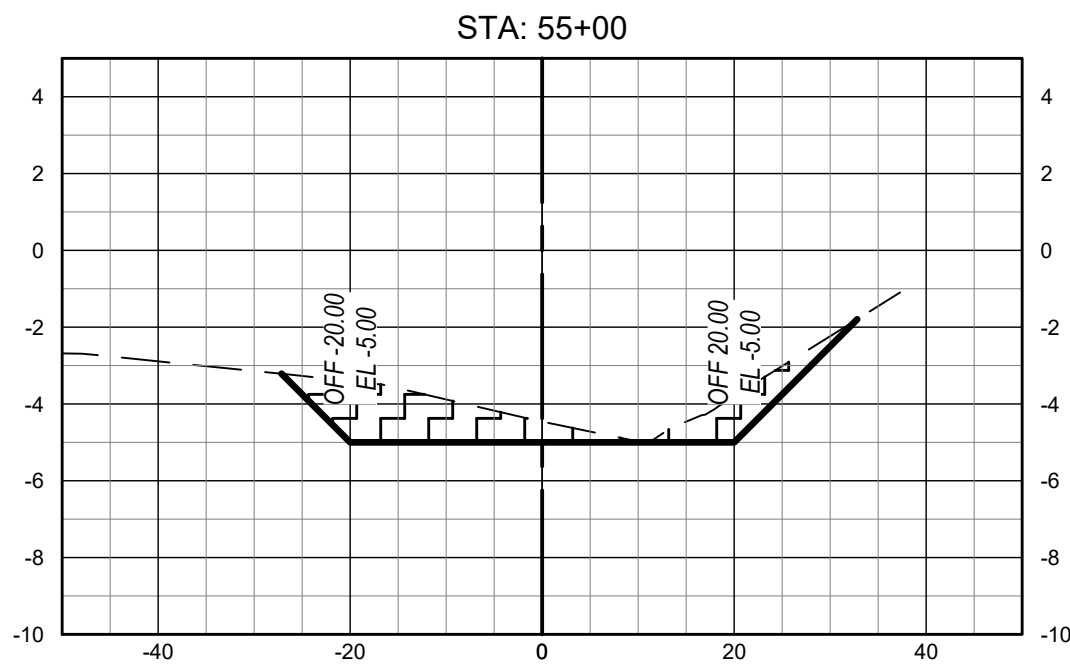
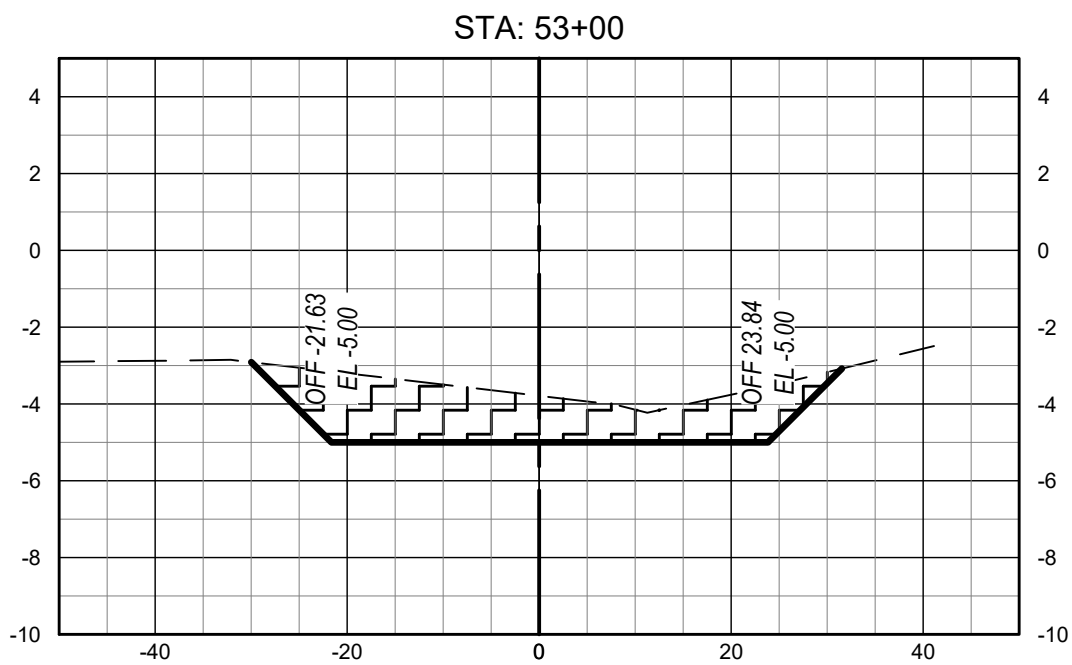
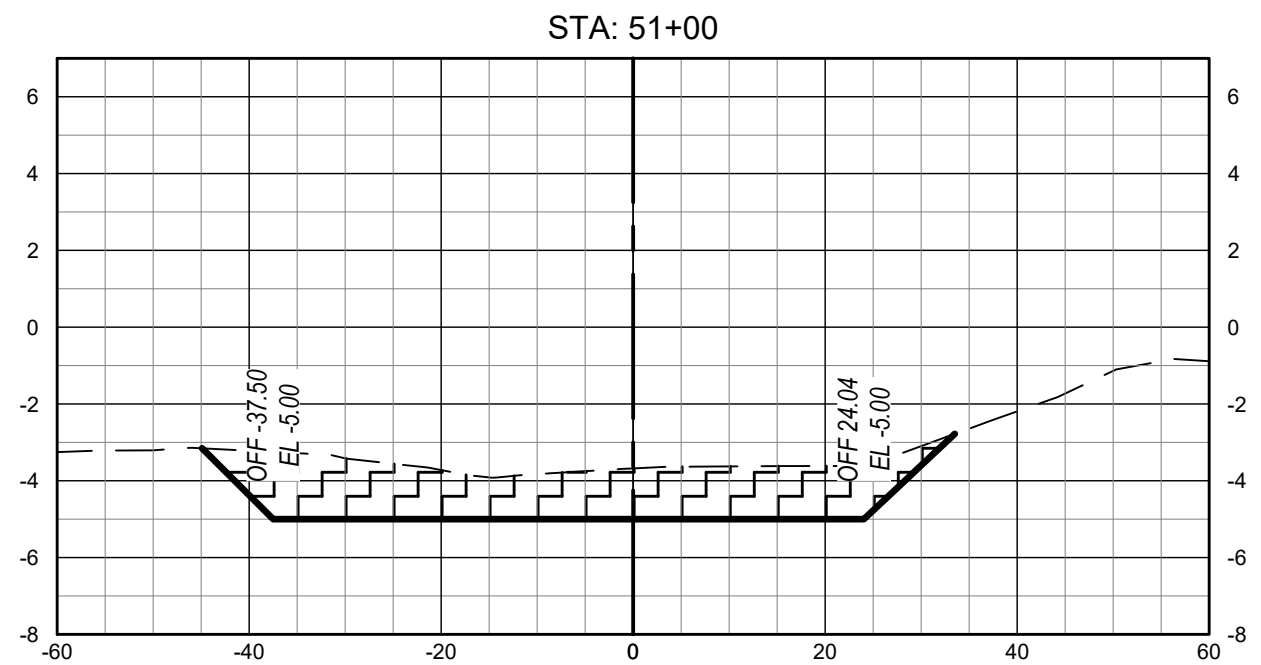
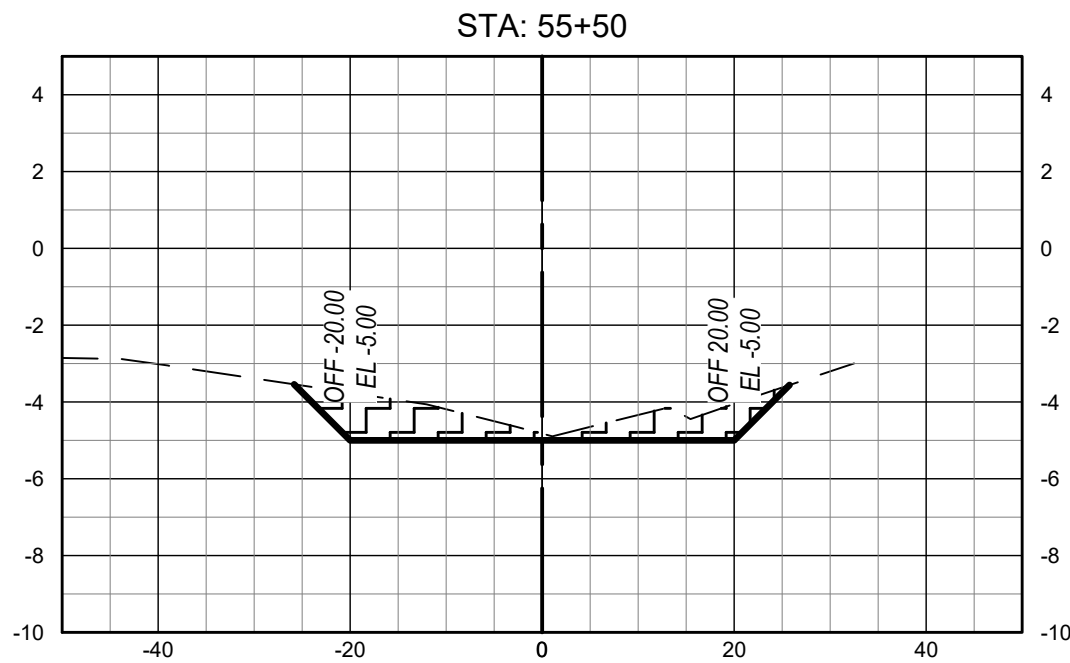
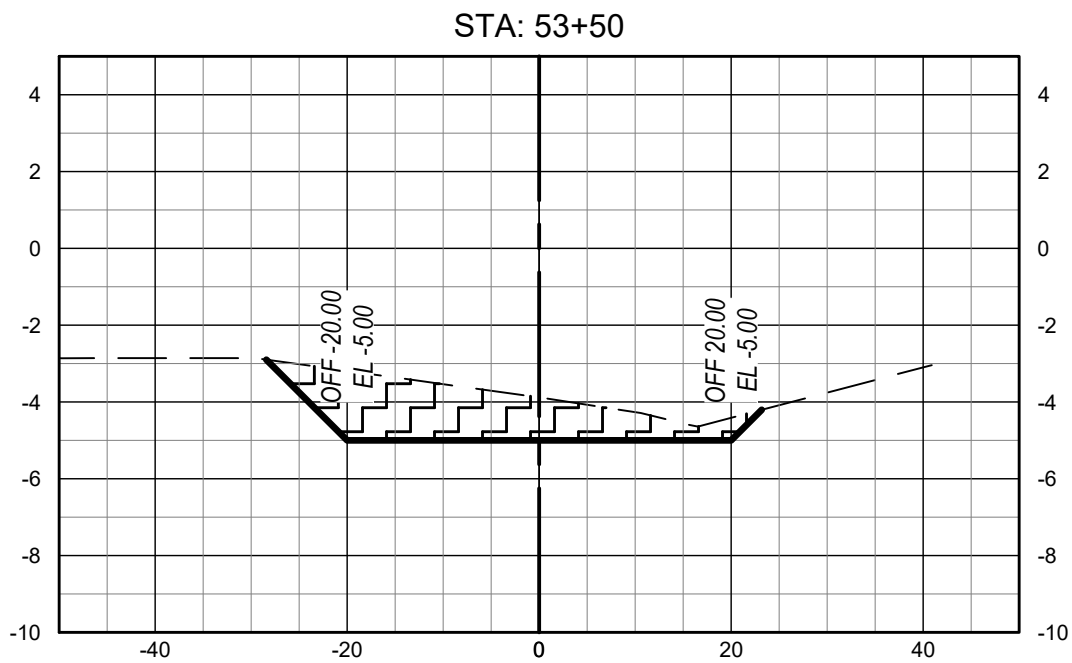
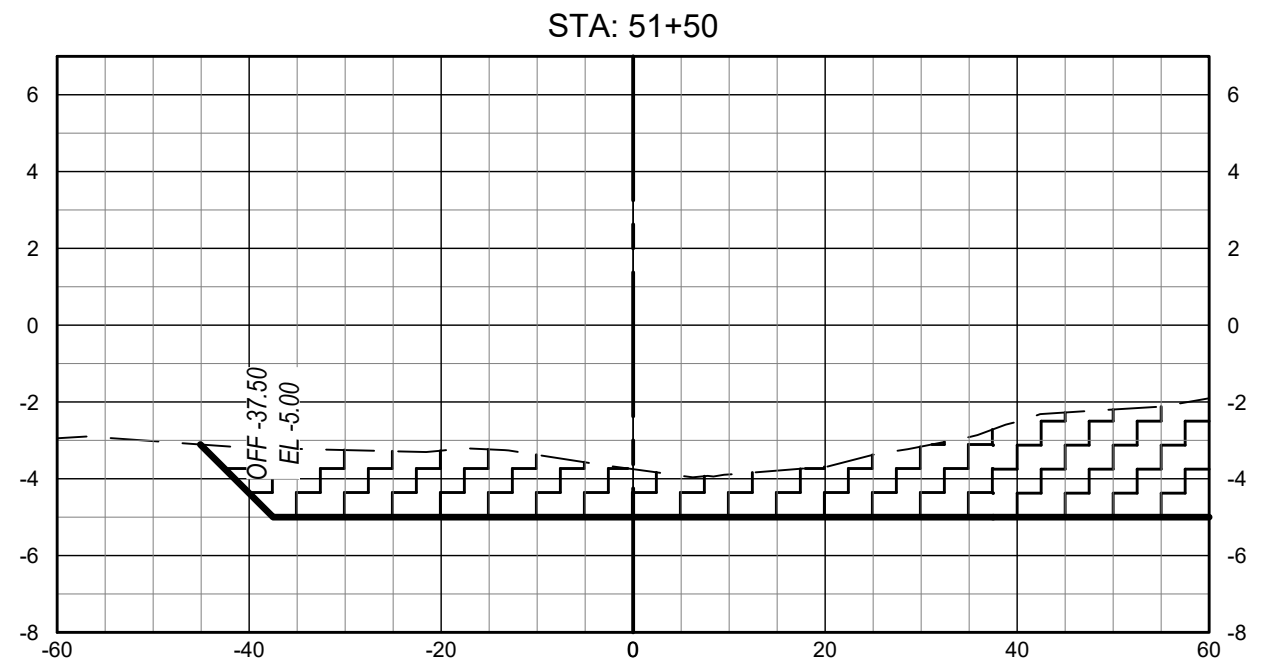
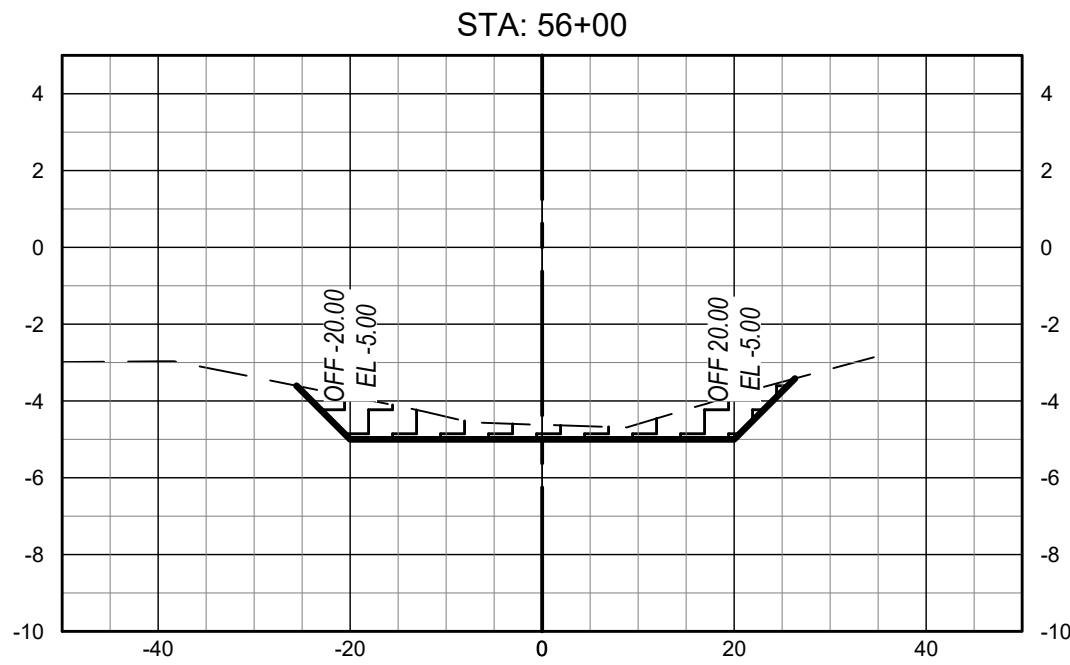
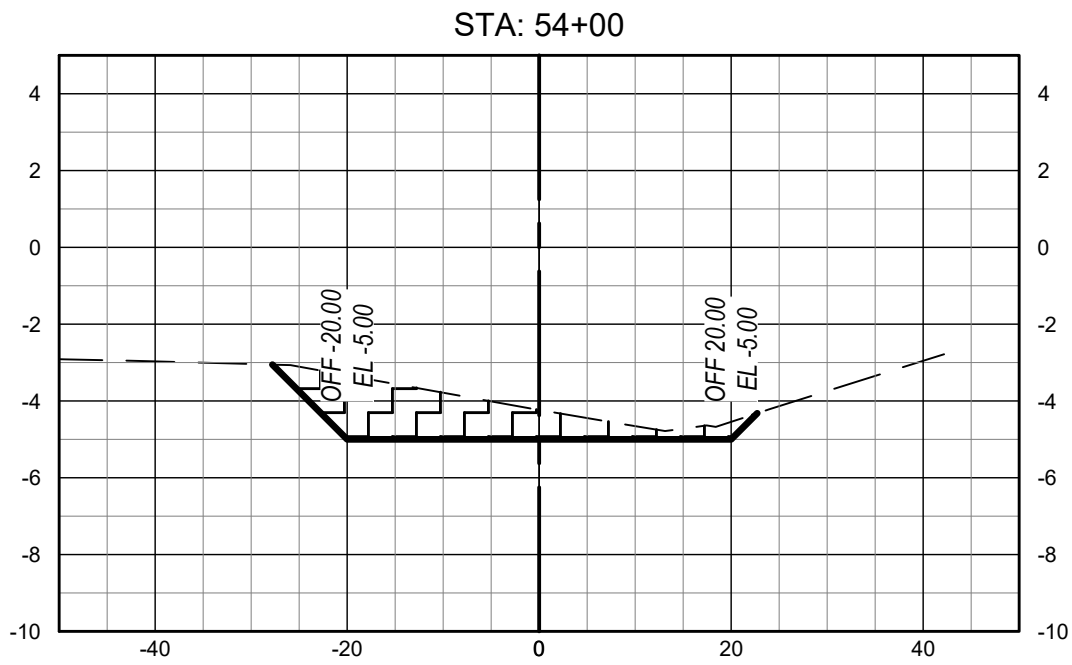
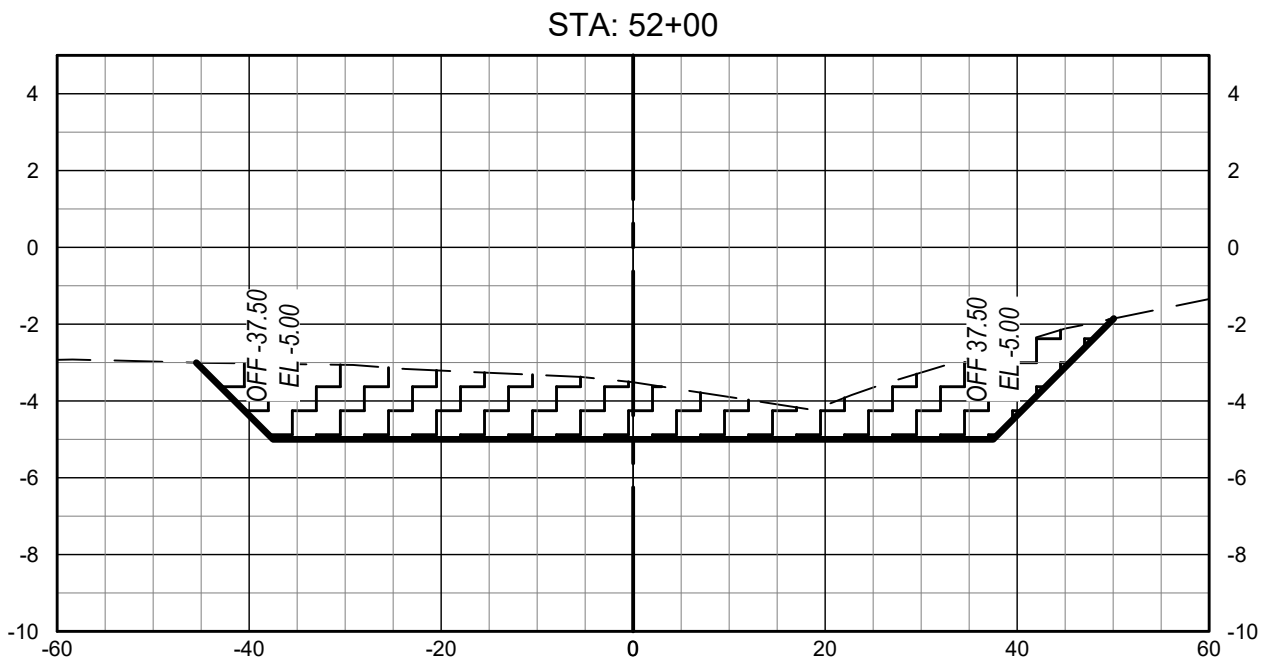
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Drawn C. RILEY		Coordination	S. WHITE
Dwg check		Approved	
Scale at ANSI D 1:30	Status PRE	Rev A	Security STD
Drawing Number C-025			

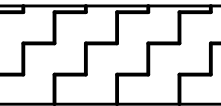
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Time Stamp: Nov 29, 2021 - 2:26:50PM
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Drawing Path: P:\988117 - esco perdido bay boat ramp\Drawings\Civil\Load drawings\Sheets\Plan Set\



NOTE:
SPOILS DREDGE FROM THIS AREA TO BE
PLACED IN 15' CIRCUMFERENCE
GEOTUBES AS INDICATED ON SHEET C-041

LEGEND:



AREA OF CUT

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client
**Escambia County
Board of County Commissioners**

Title
Perdido Bay Boat Ramp

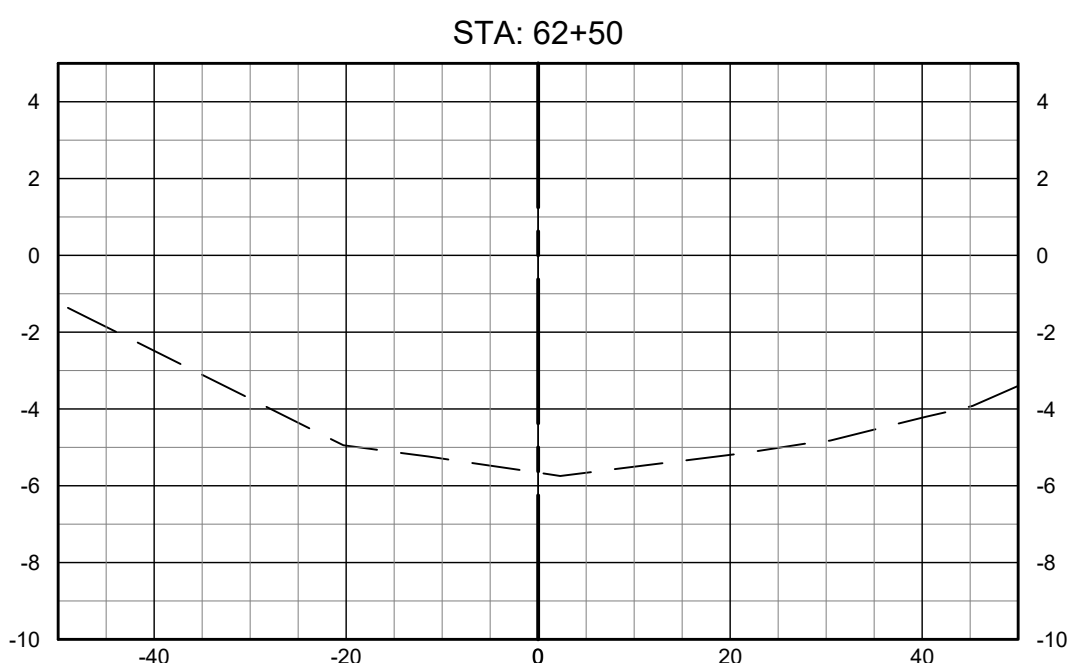
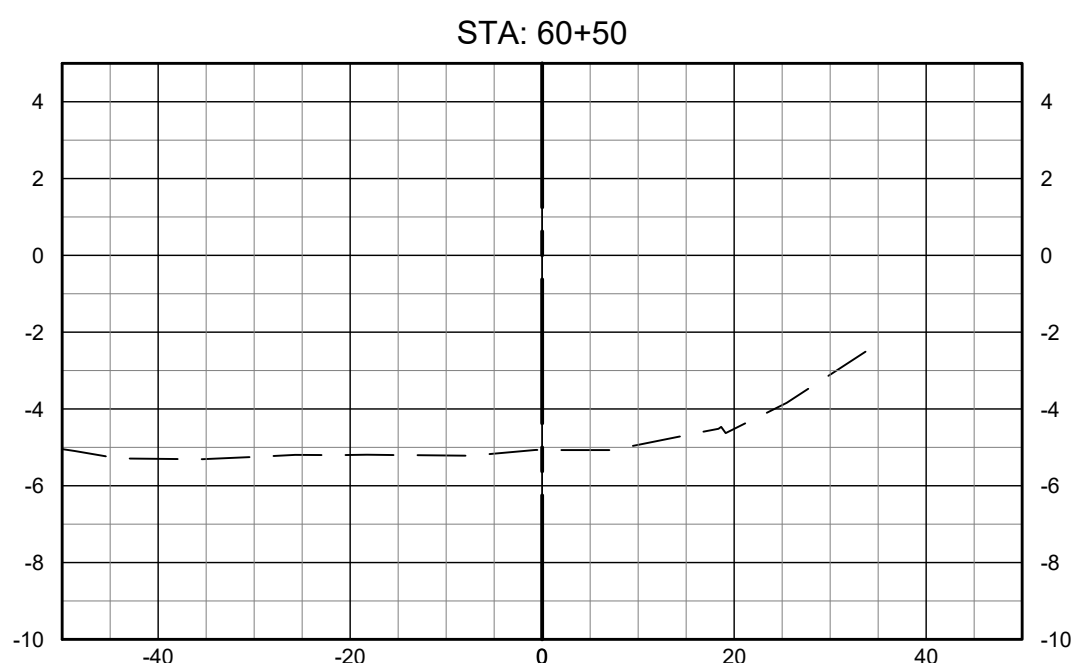
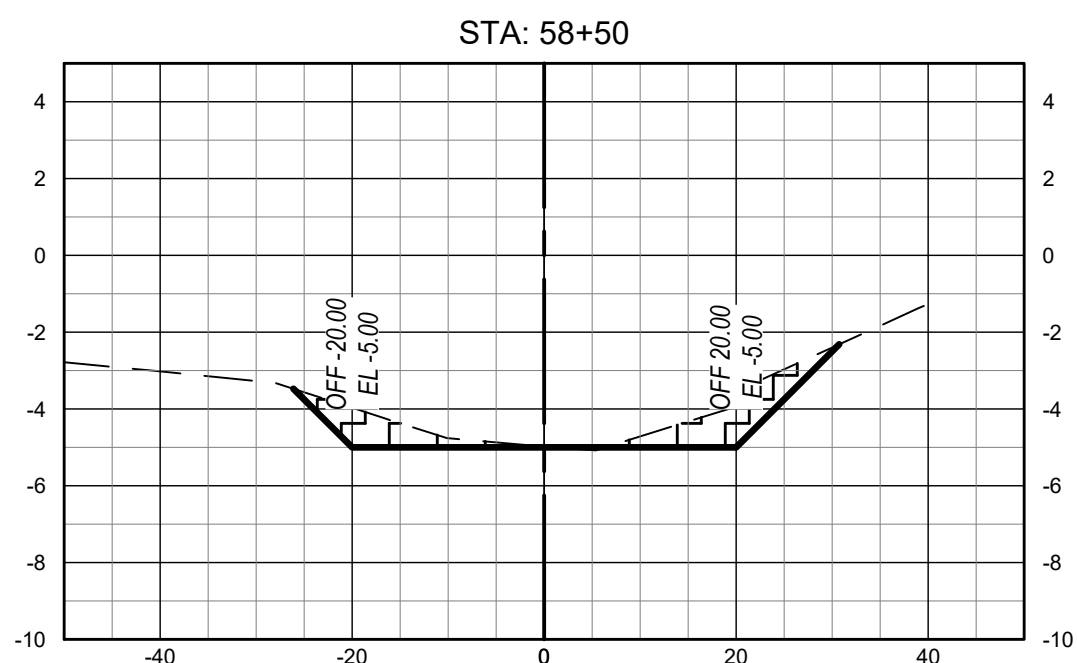
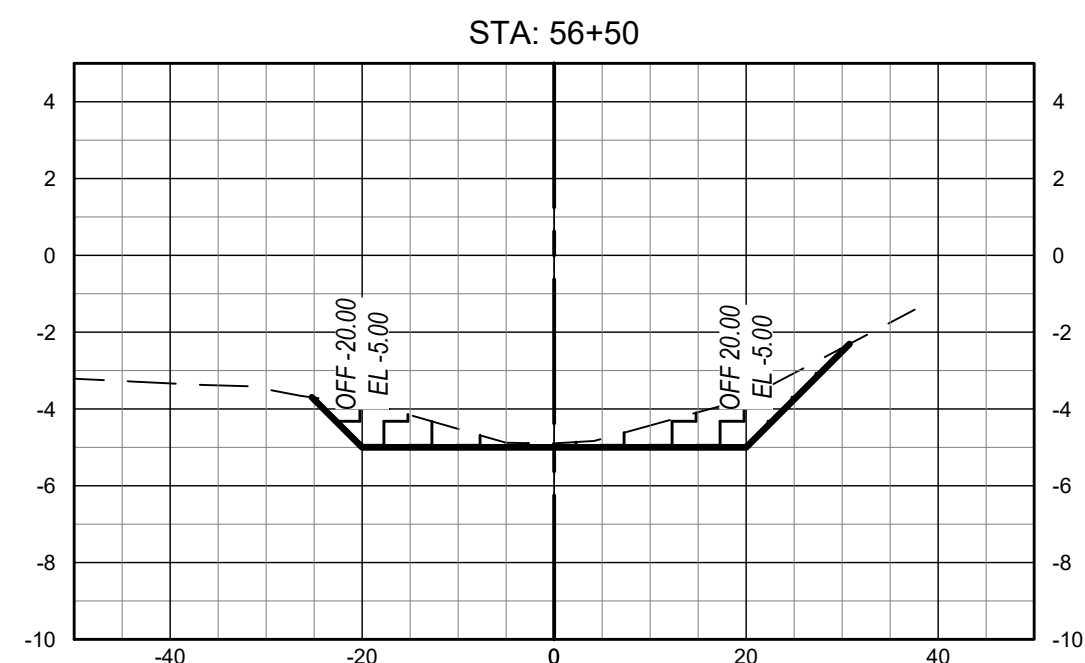
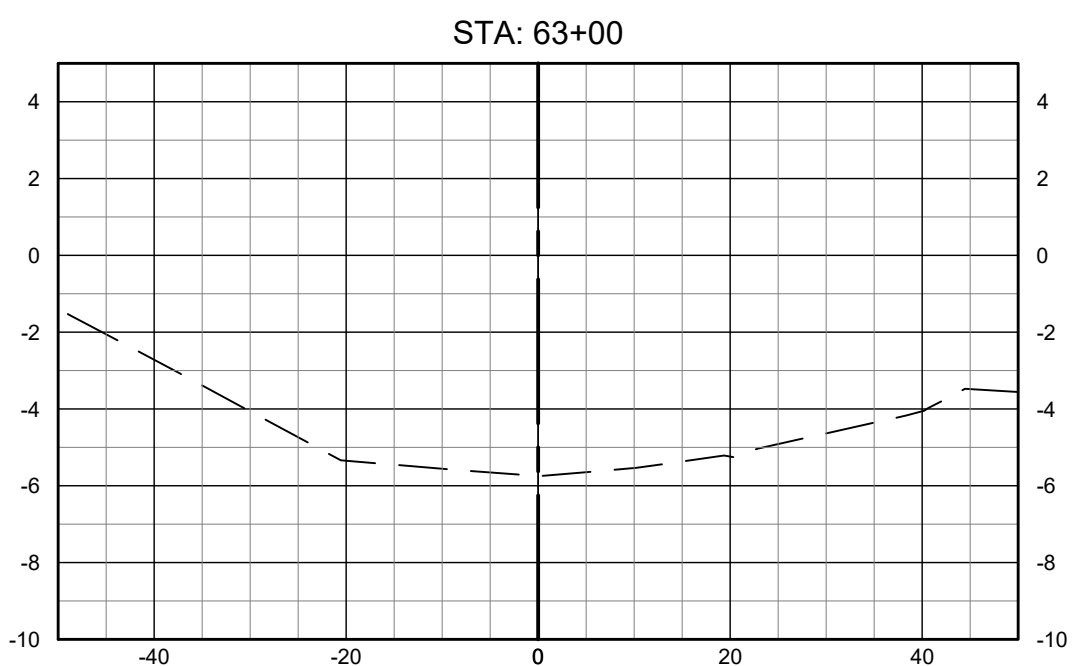
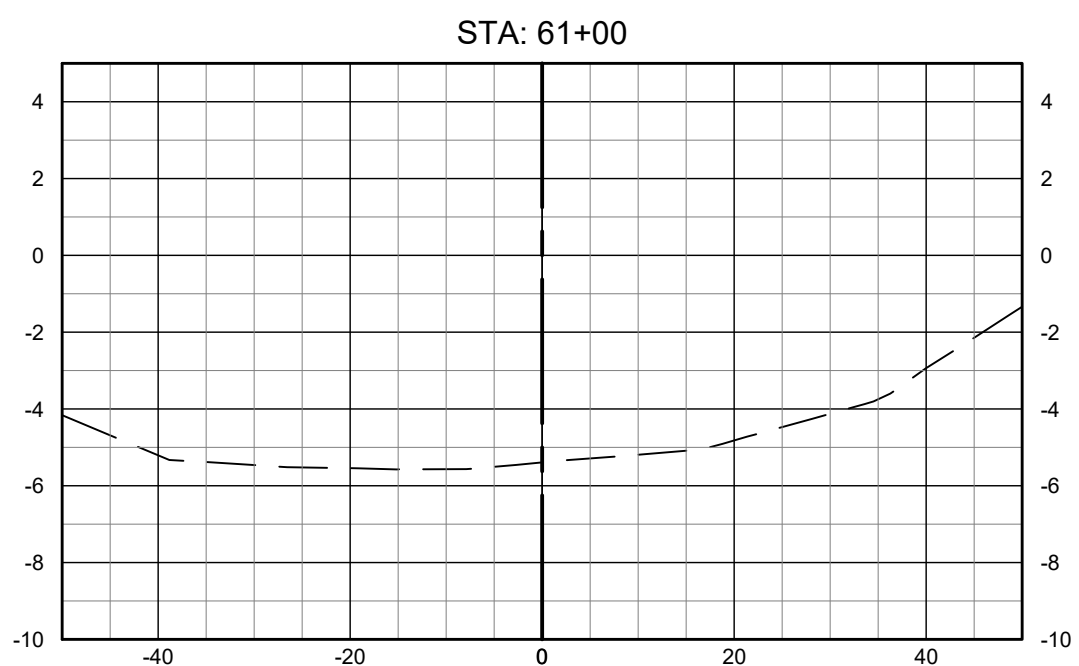
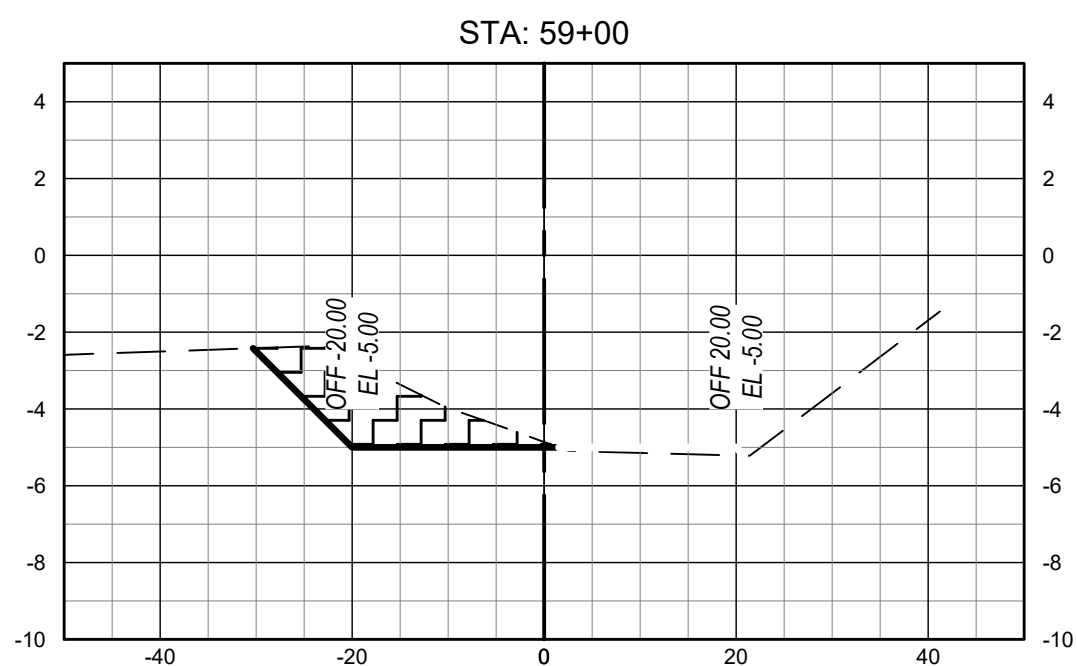
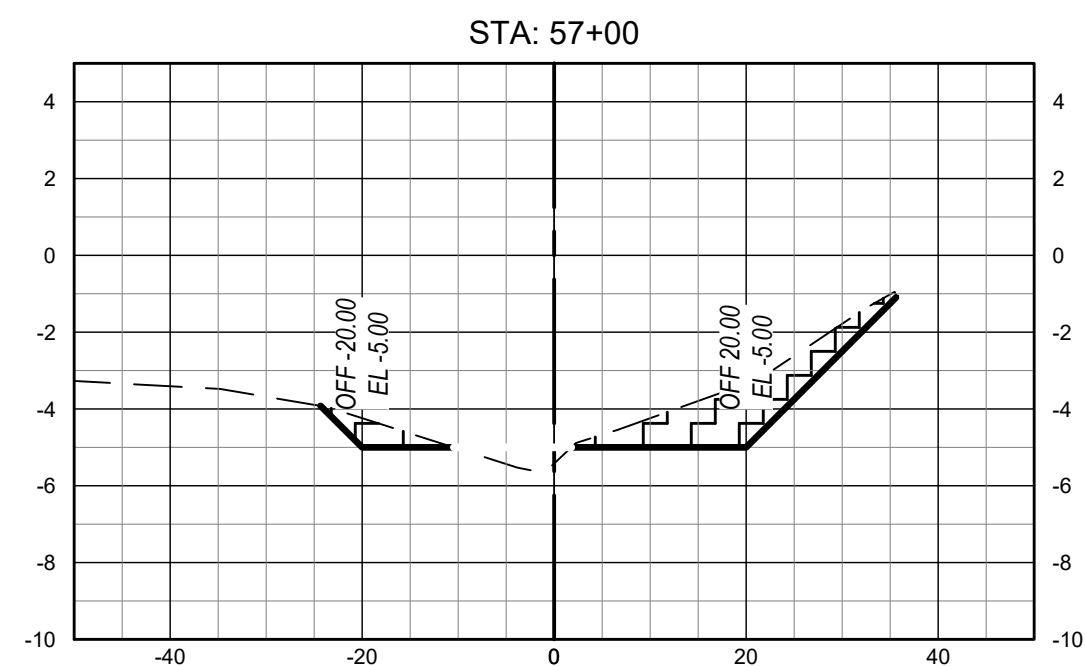
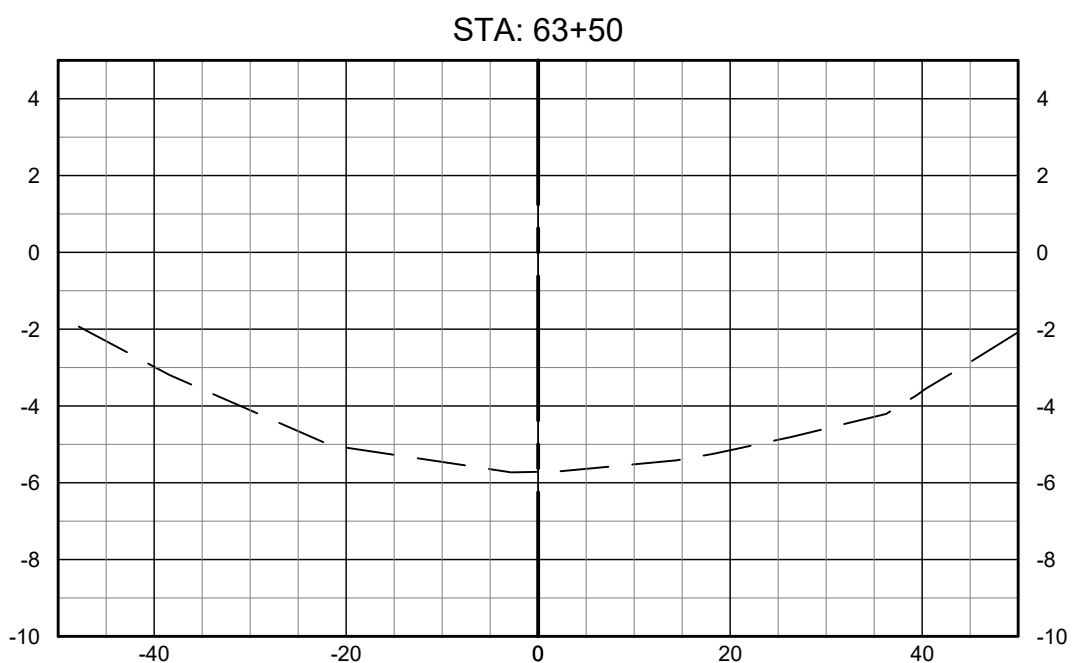
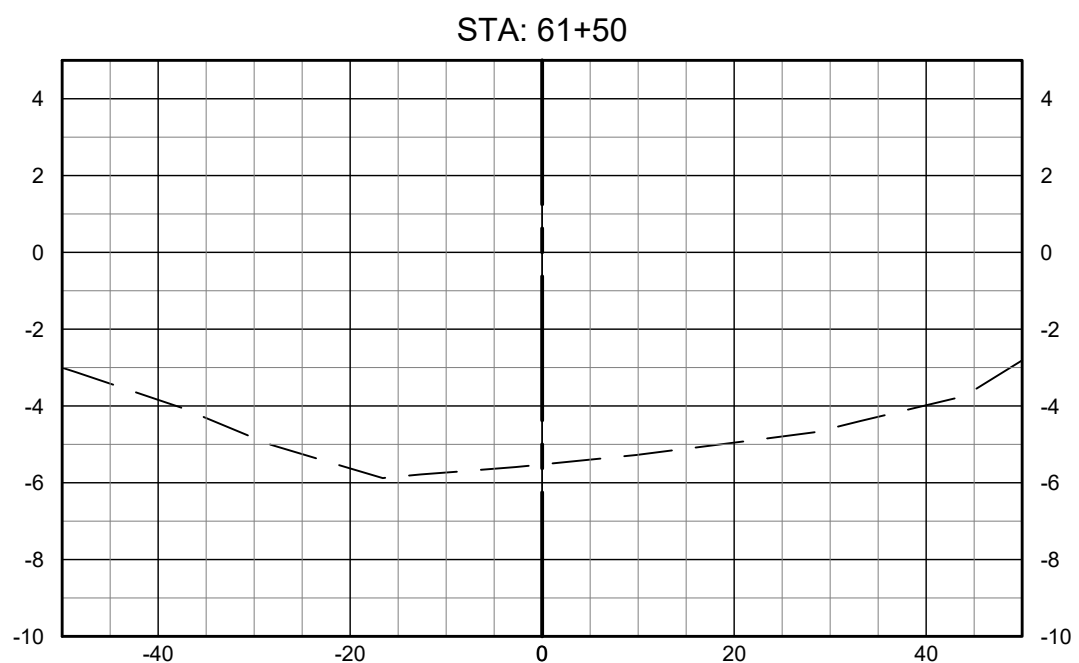
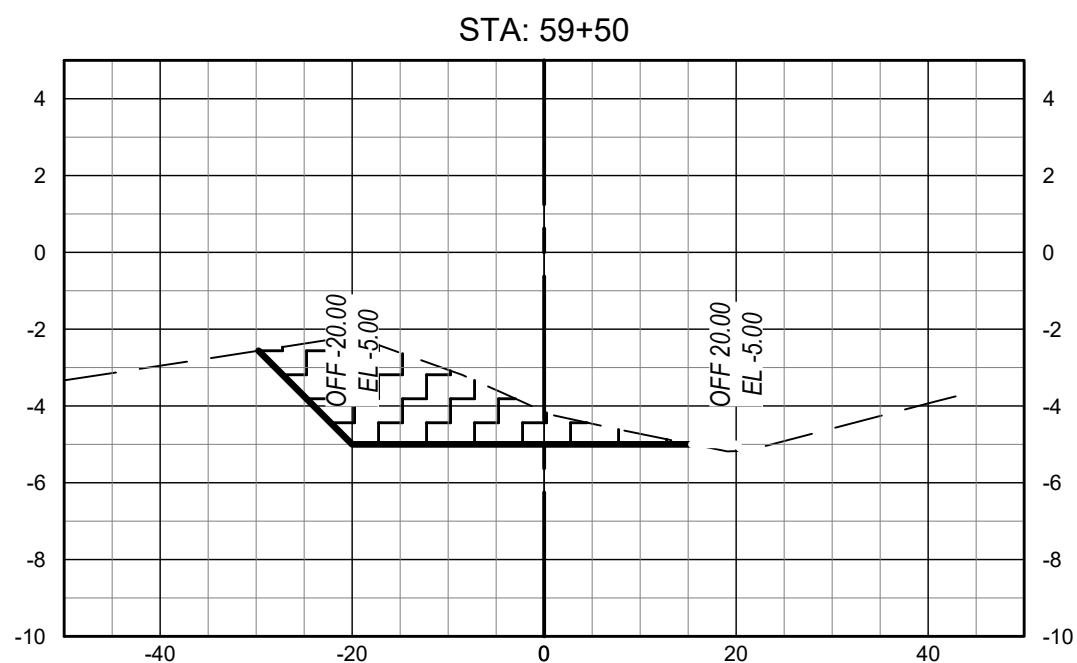
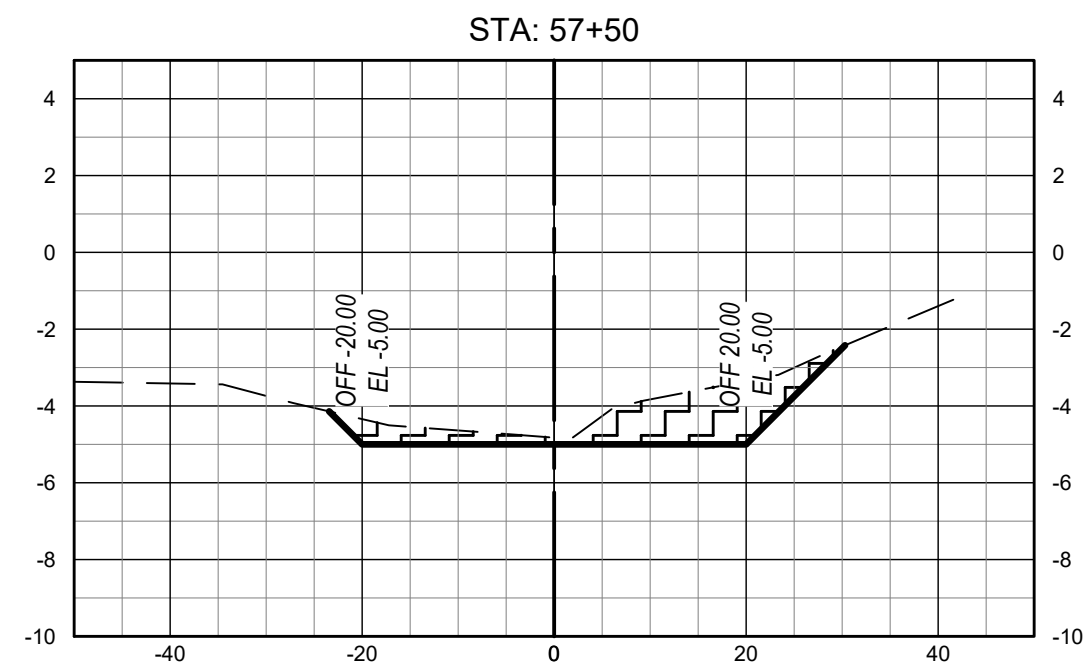
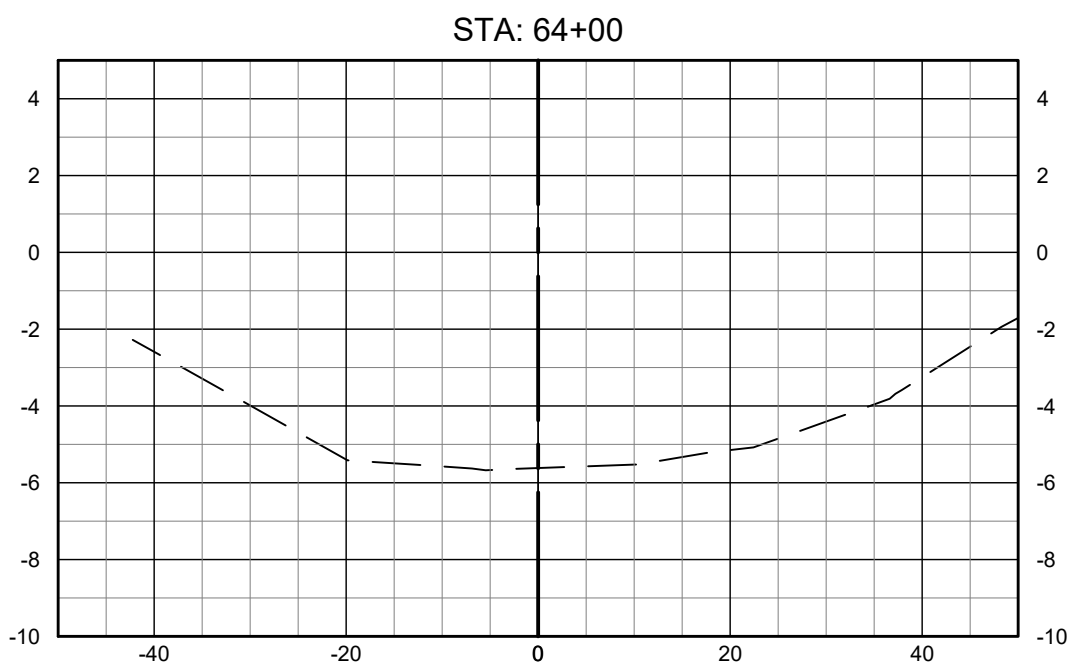
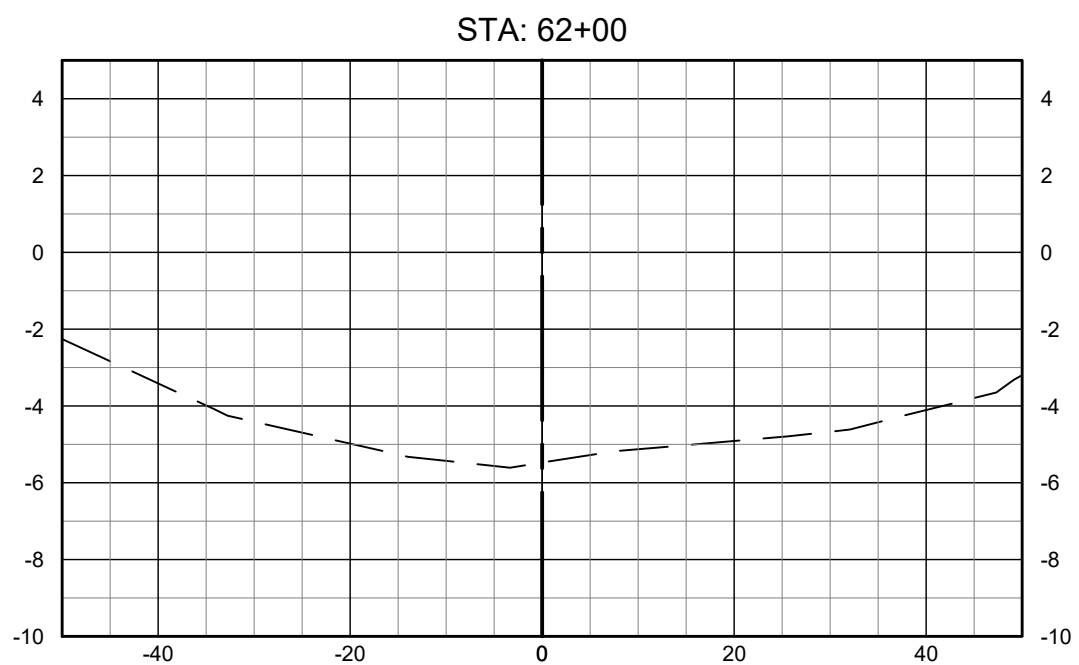
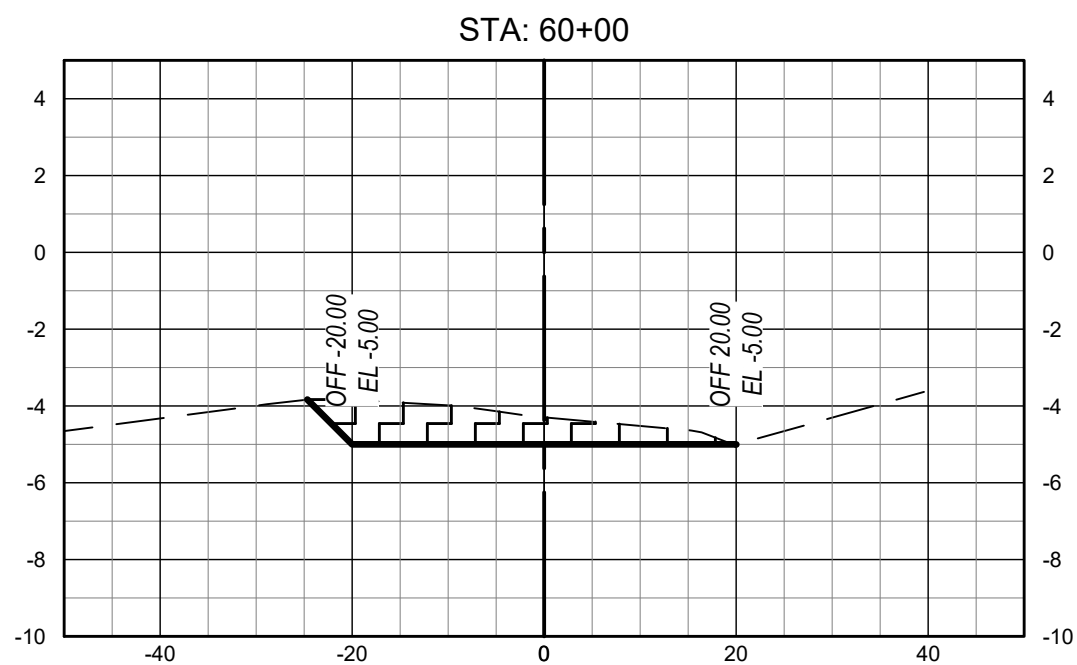
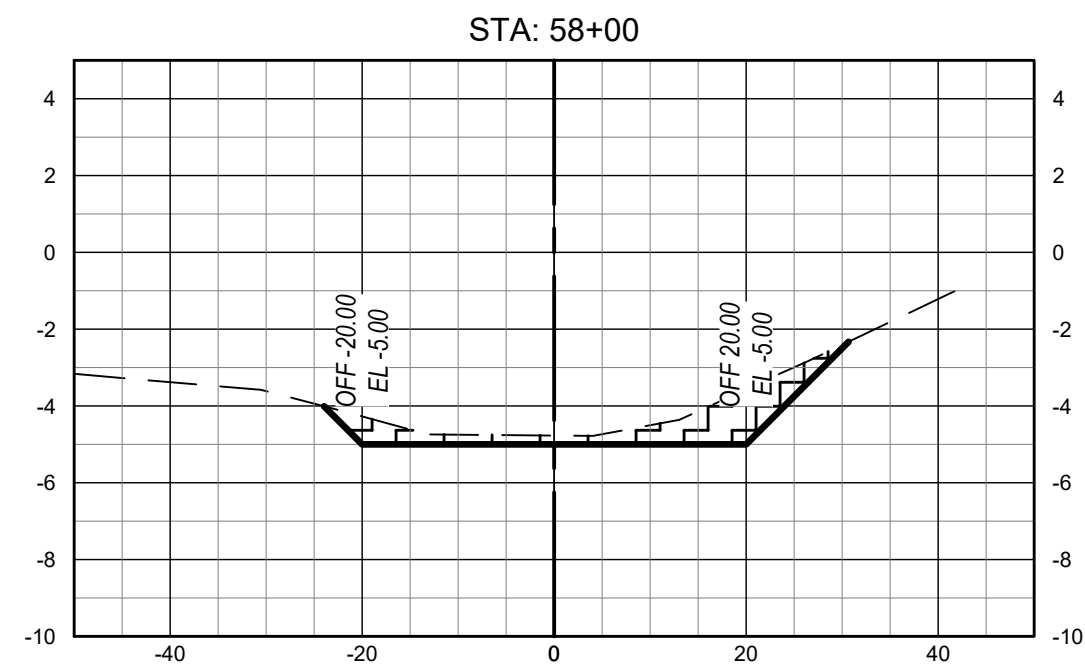
CROSS SECTIONS ACCESS CHANNEL

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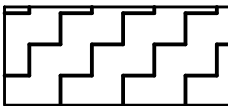
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Drawn C. RILEY	Coordination S. WHITE		
Dwg check		Approved	
Scale at ANSI D 1:20	Status PRE	Rev A	Security STD
Drawing Number C-026			

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NOTE:
SPOILS DREDGE FROM THIS AREA TO BE
PLACED IN 15' CIRCUMFERENCE
GEOTUBES AS INDICATED ON SHEET C-041

LEGEND:
 AREA OF CUT

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

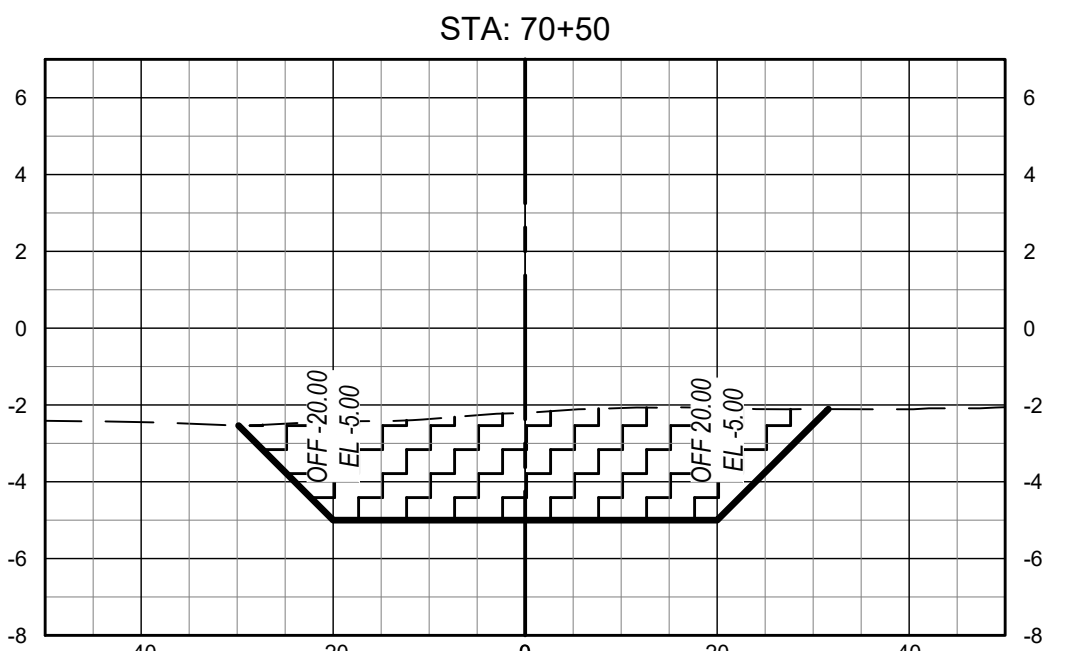
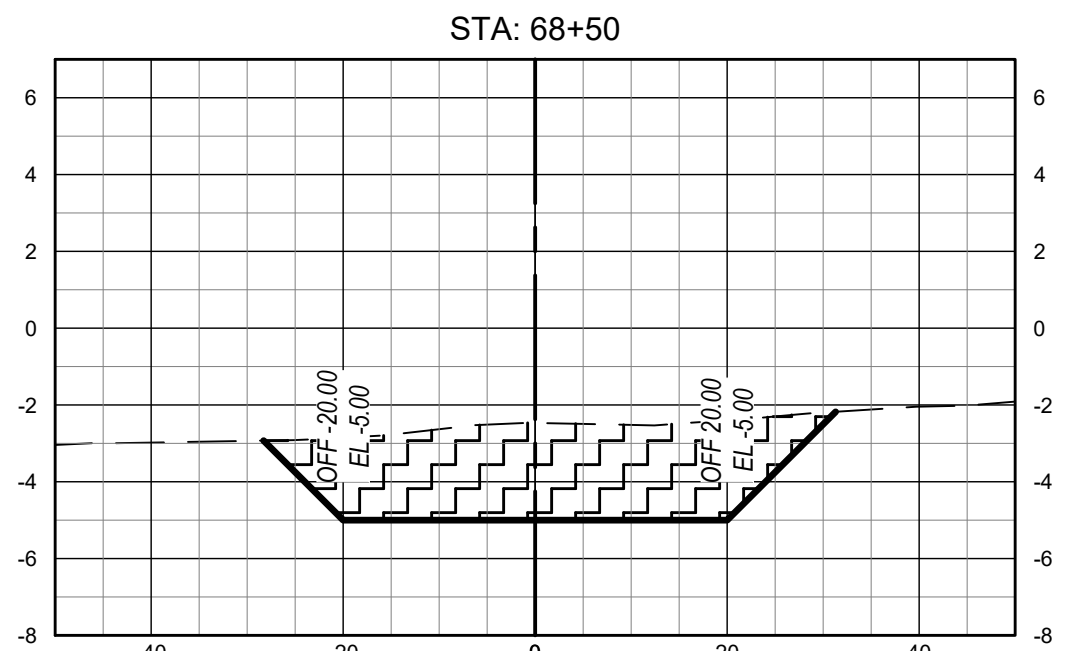
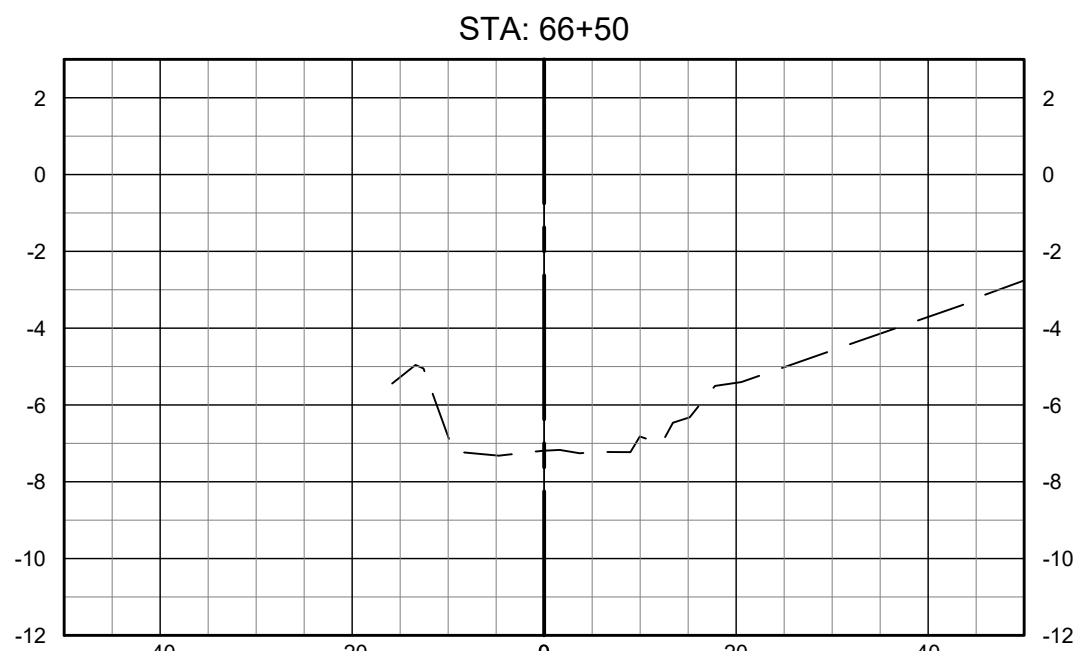
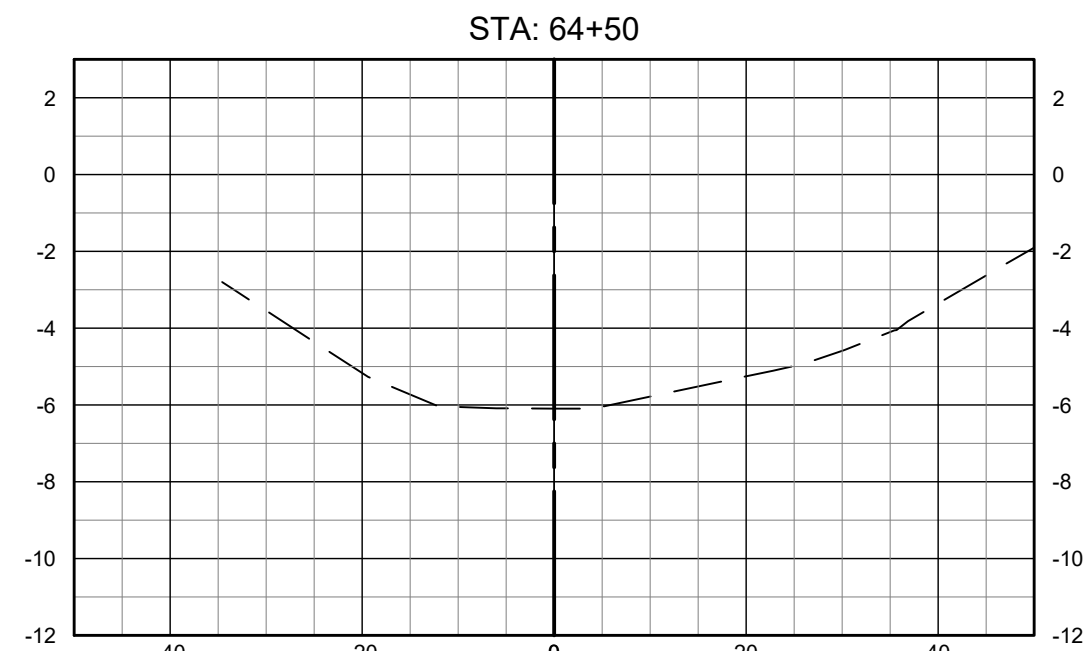
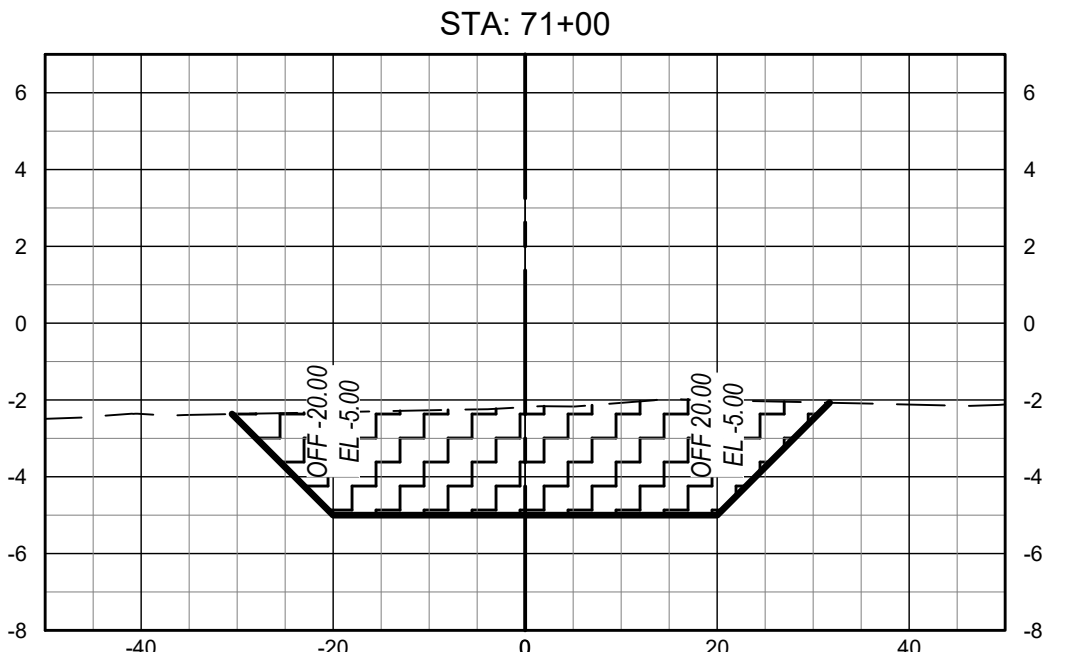
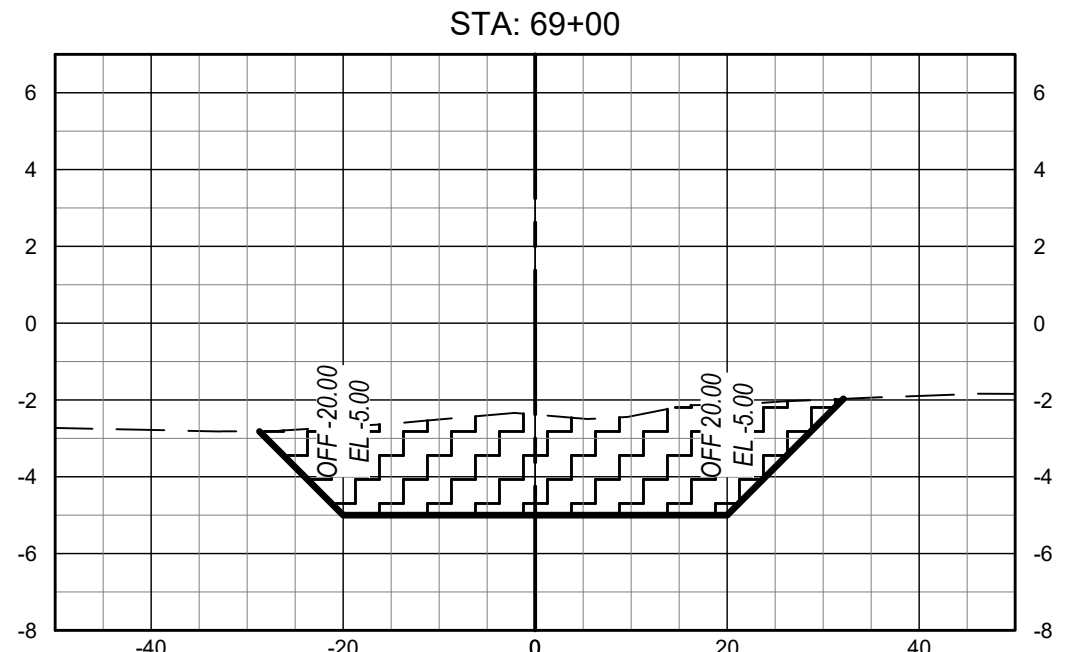
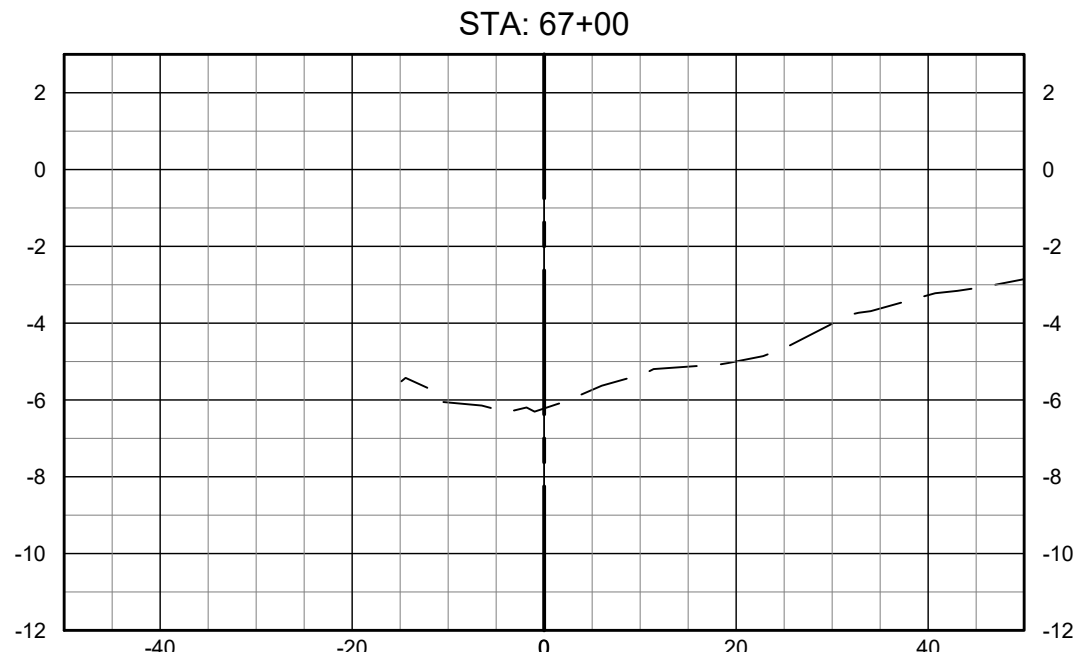
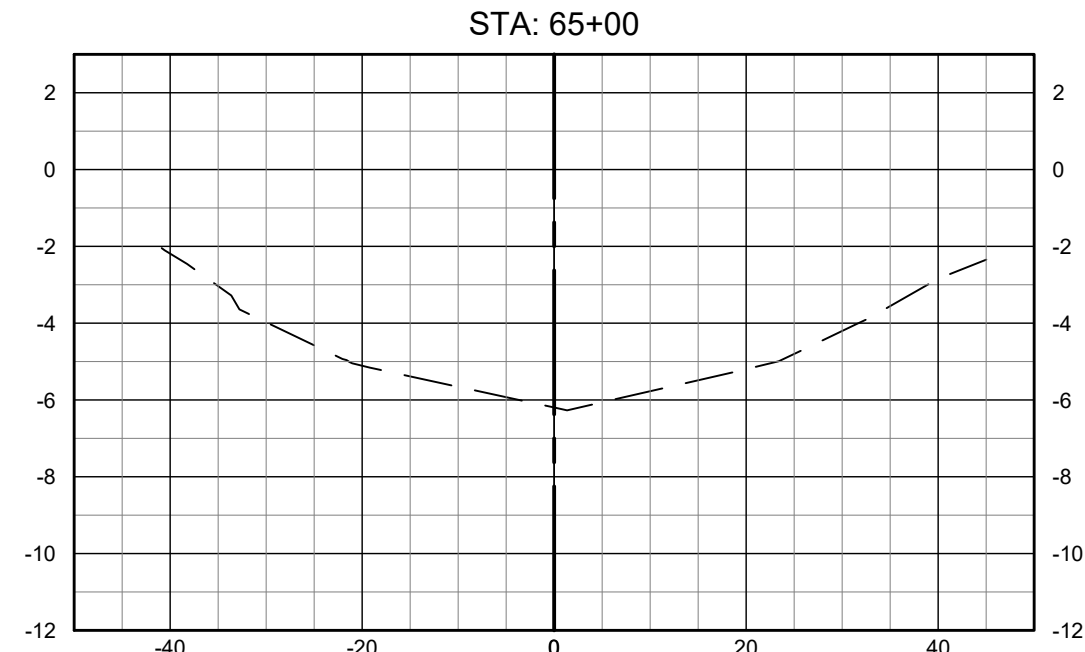
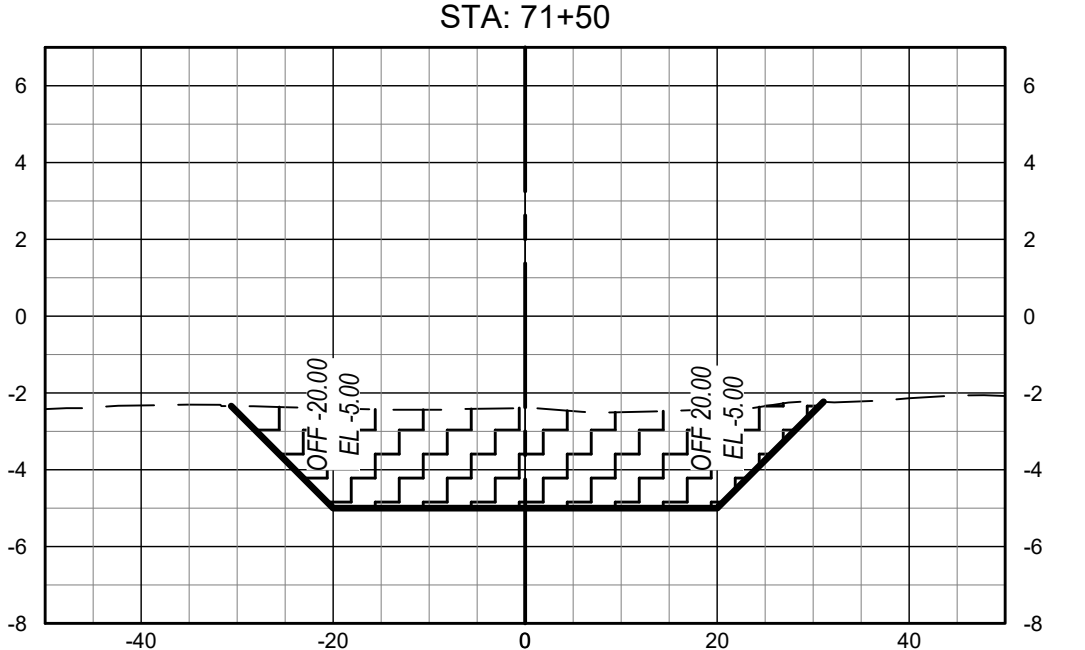
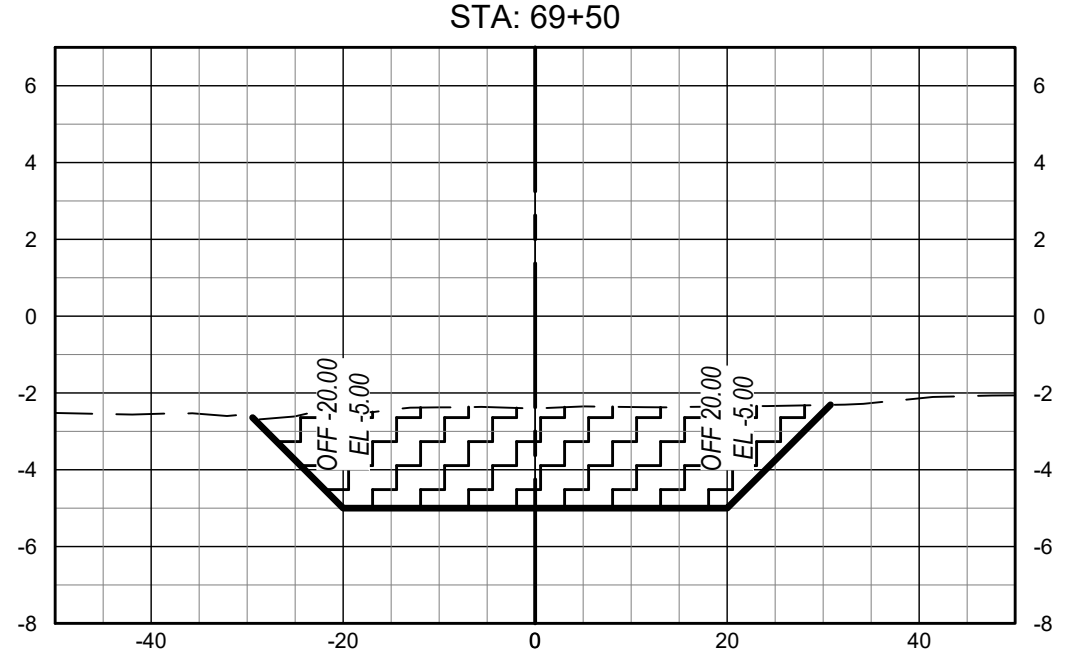
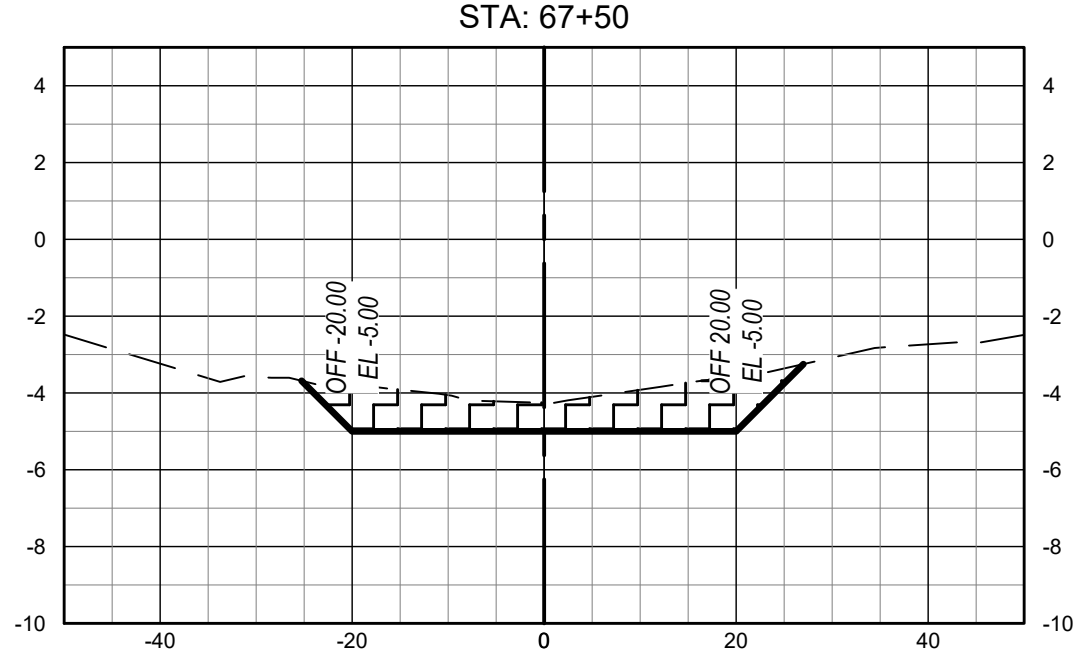
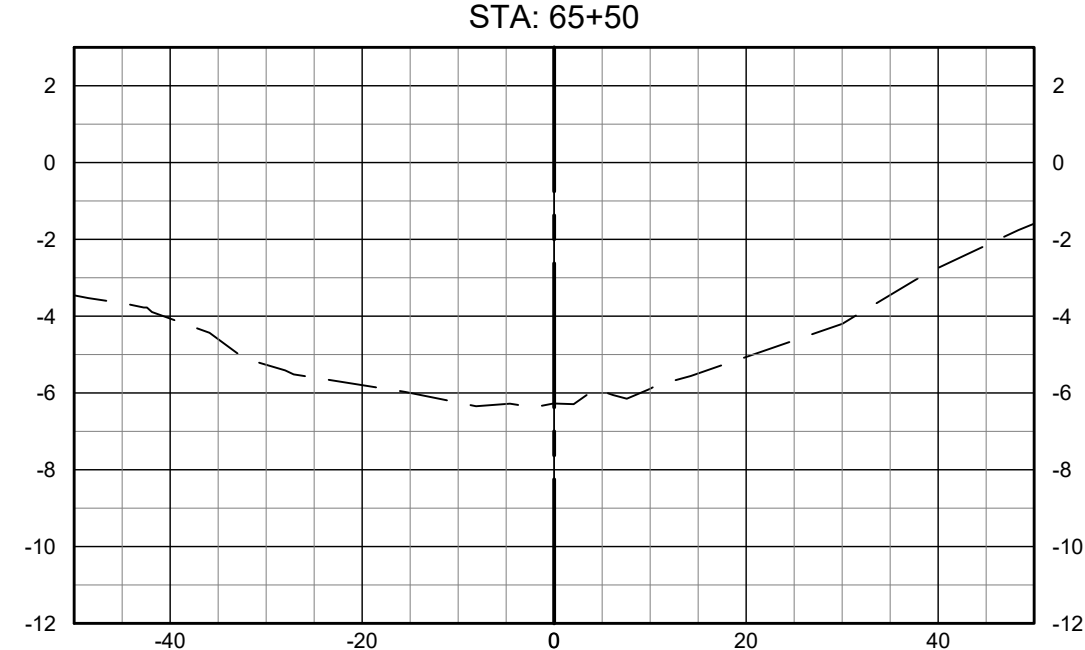
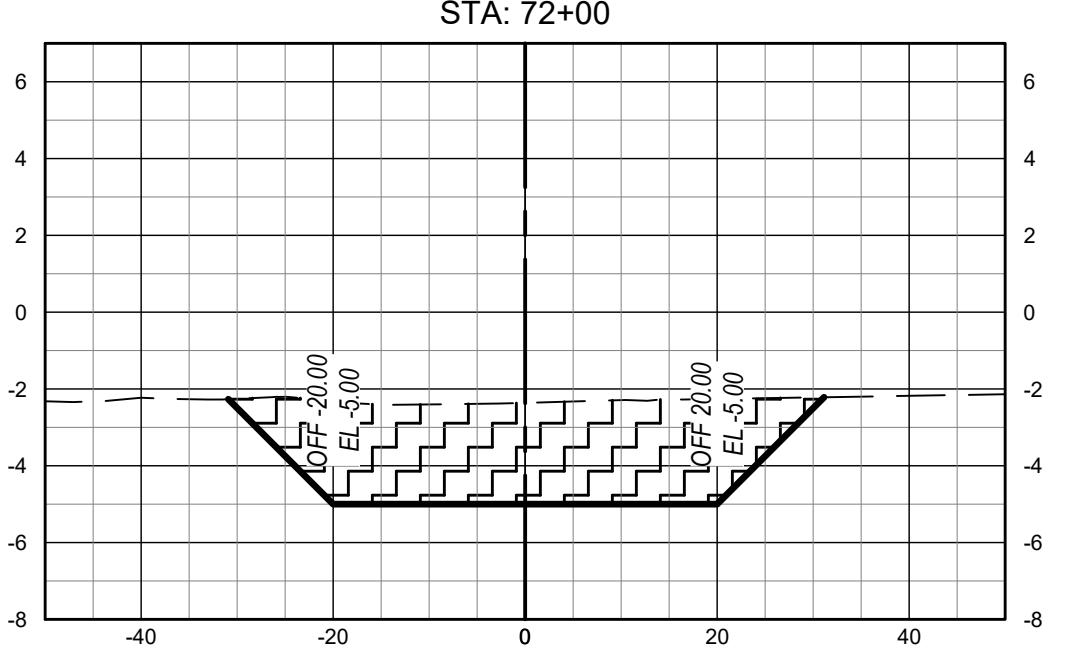
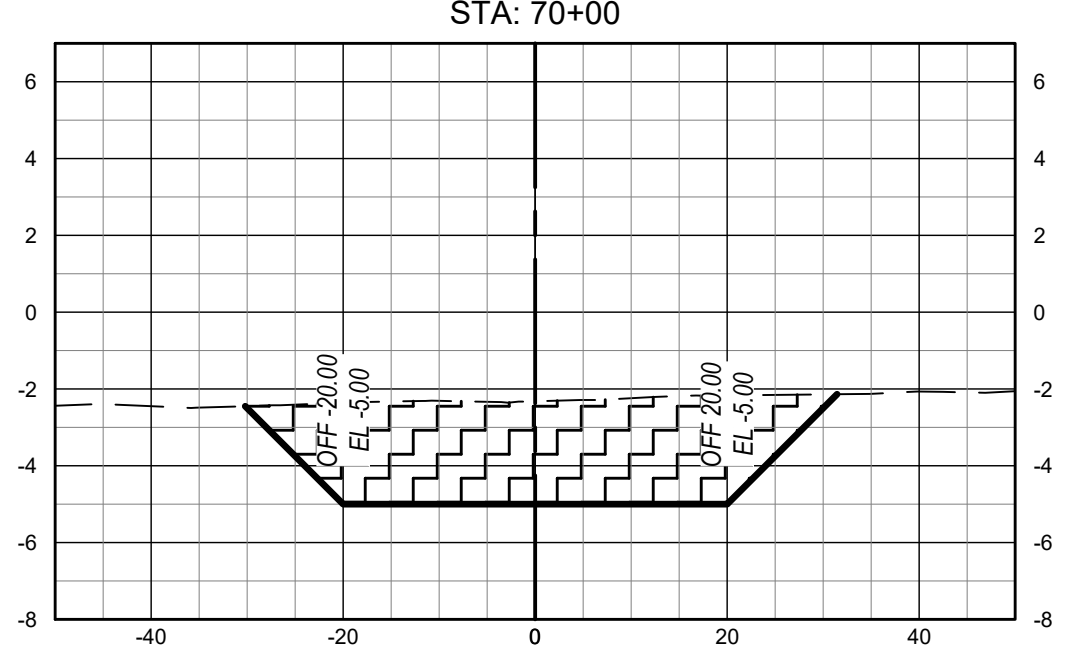
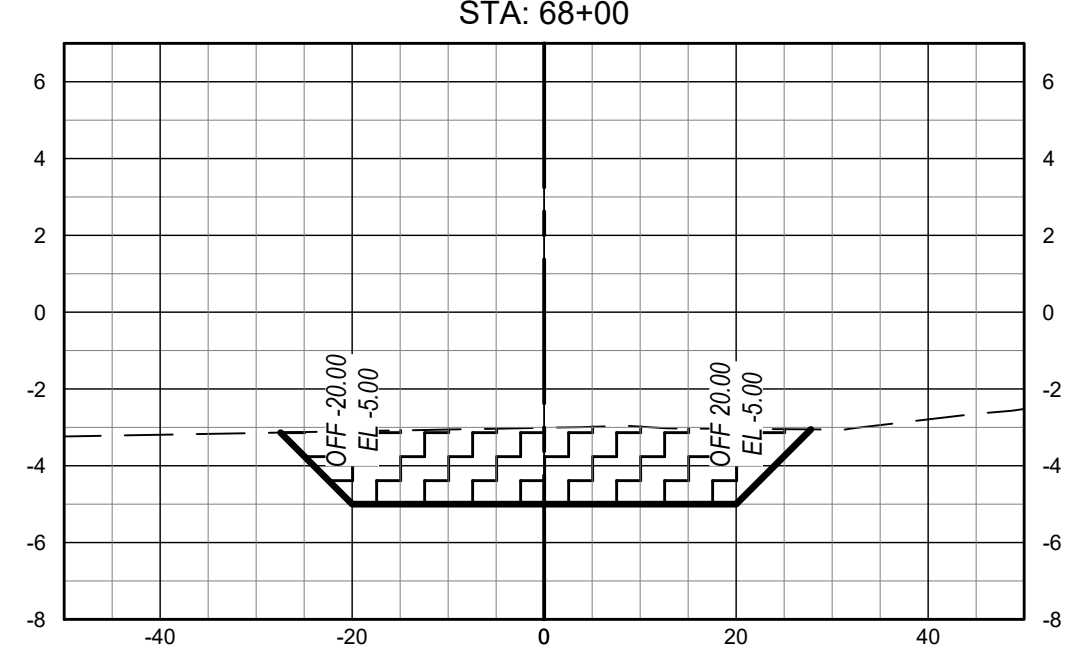
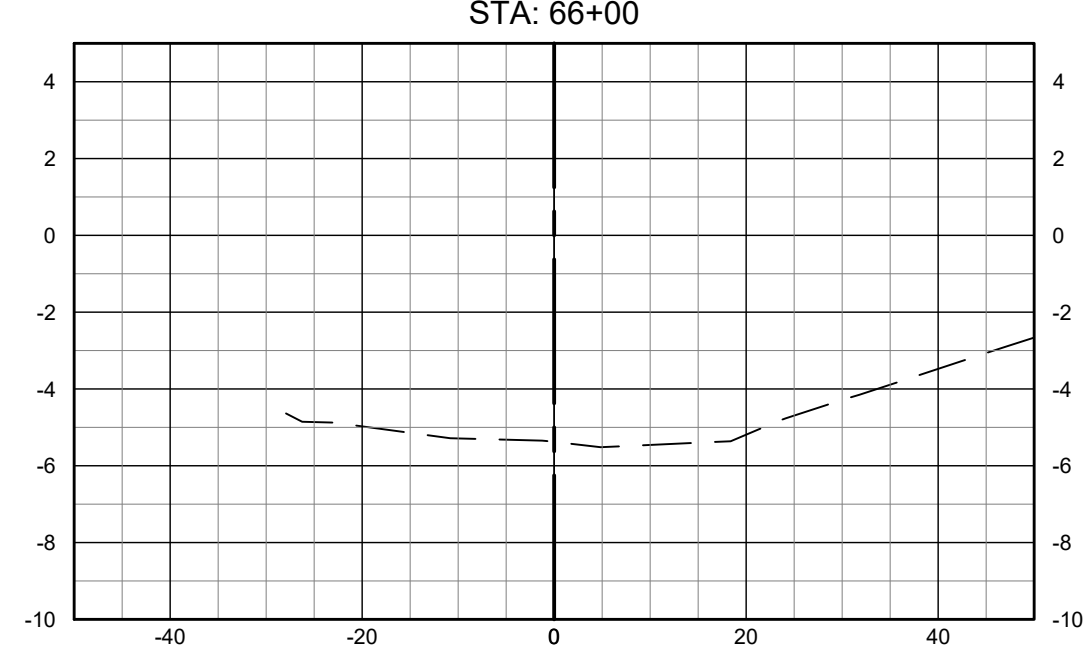
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ISSUED FOR PERMIT

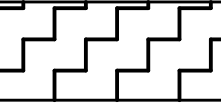
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Project Number 368117			B/O 27		Total 50	
Designed S. WHITE			Eng check			
Drawn C. RILEY			Coordination	S. WHITE		
Dwg check			Approved			
Scale at ANSI D 1:20		Status PRE	Rev A		Security STD	
Drawing Number C-027						

User Name: RU 36256
Time Stamp: Nov 29, 2021 - 2:27:43PM
Drawing Name: C-028 Cross Sections Access Channel.dwg
Drawing Path: P:\98117 - esco perdido bay boat ramp\Drawings\Civil\Load drawings\Sheets\Plan Set\



LEGEND:



AREA OF CUT

Rev	Date	Drawn	Description	Ch'k'd	App'd
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United States of America
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Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client
**Escambia County
Board of County Commissioners**

Title
Perdido Bay Boat Ramp

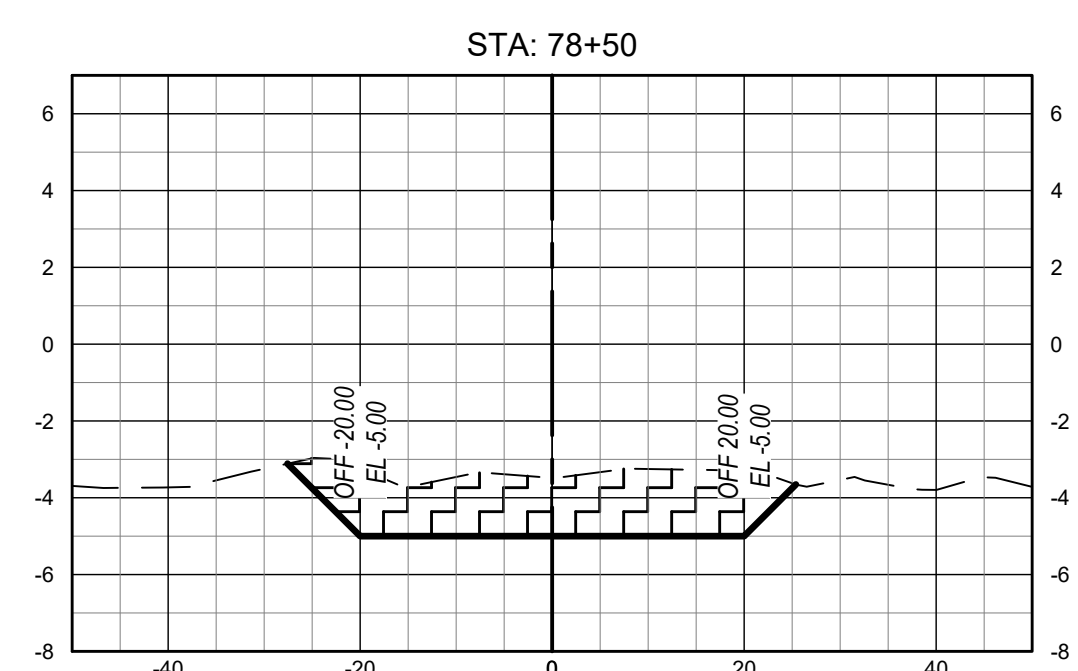
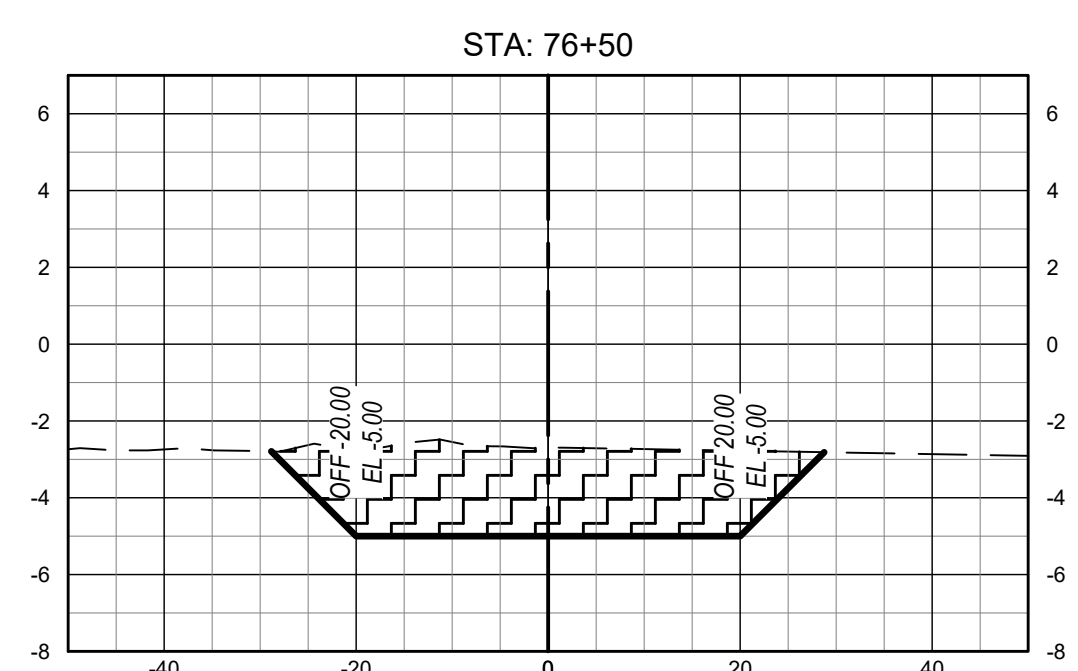
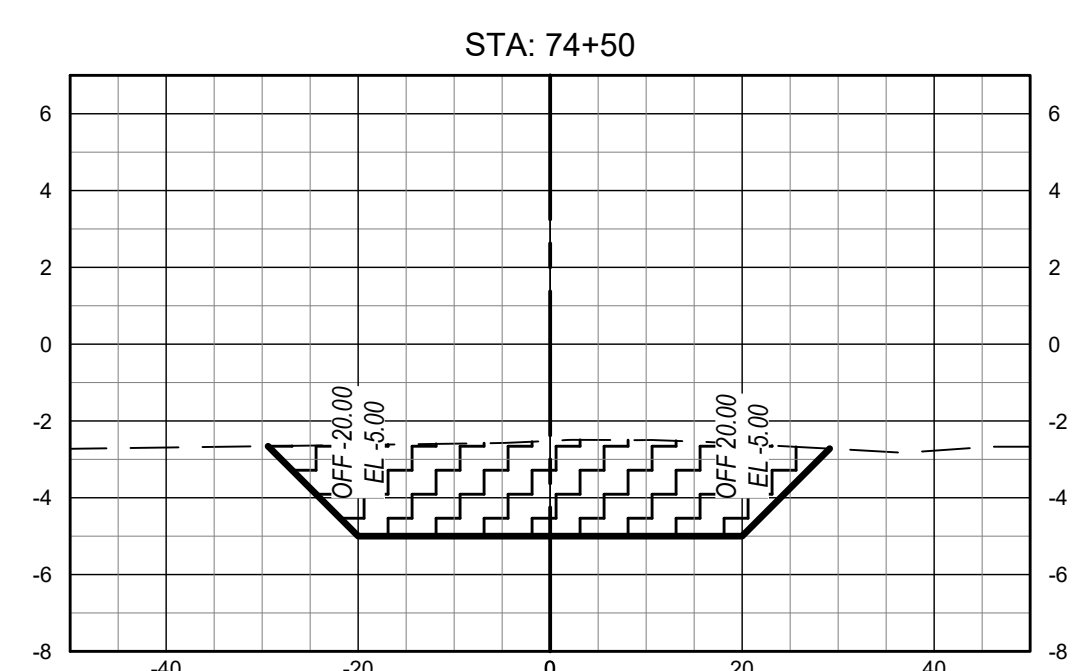
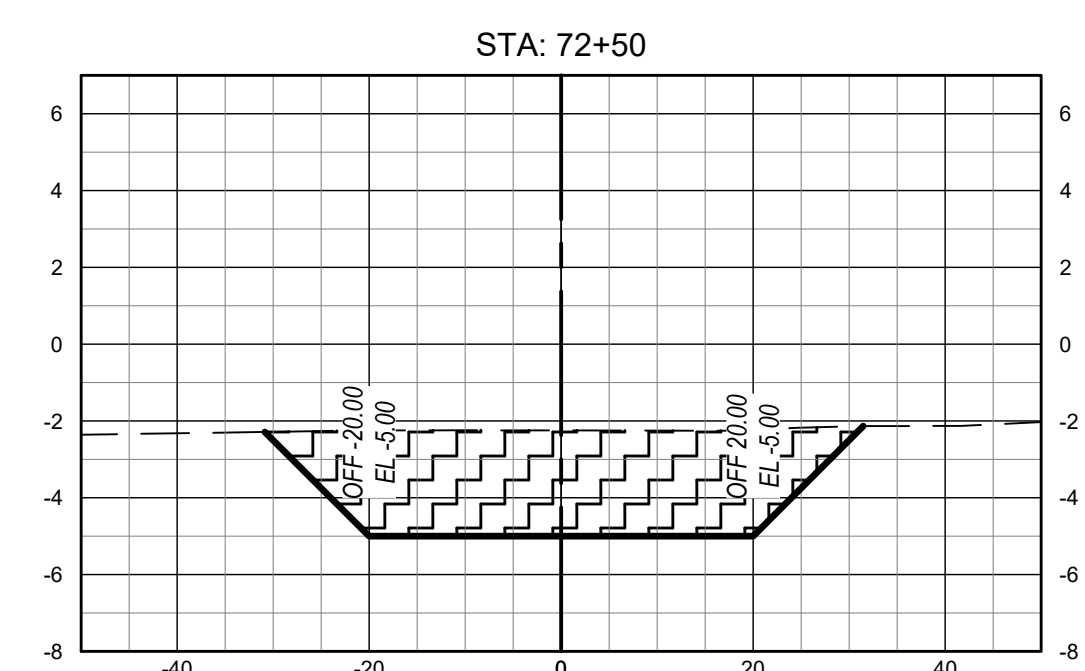
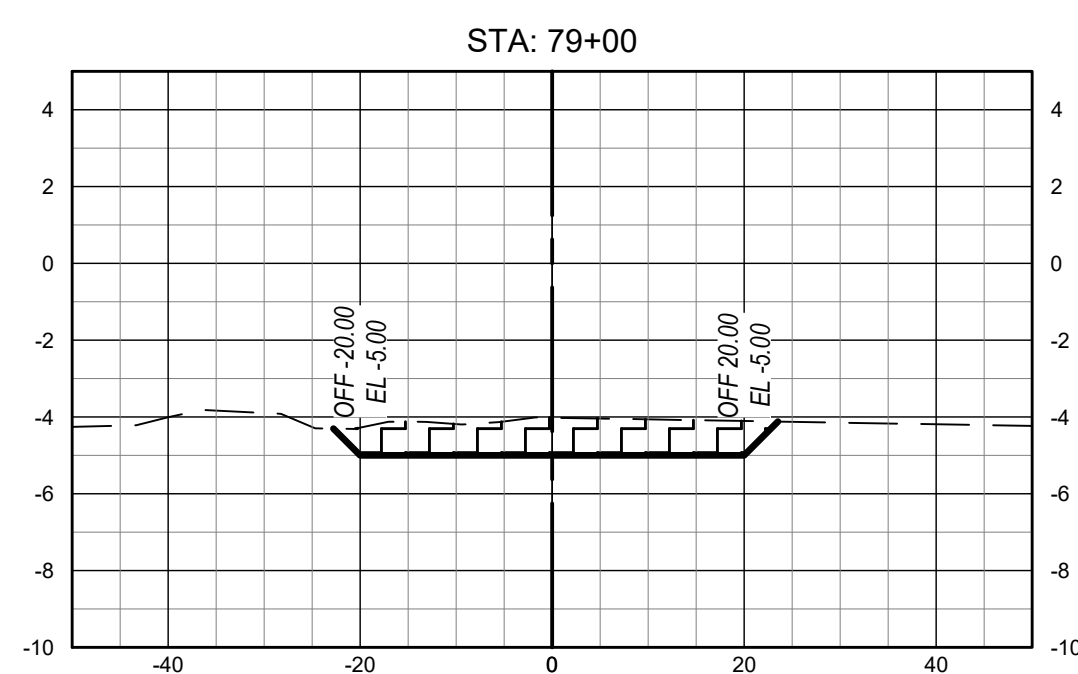
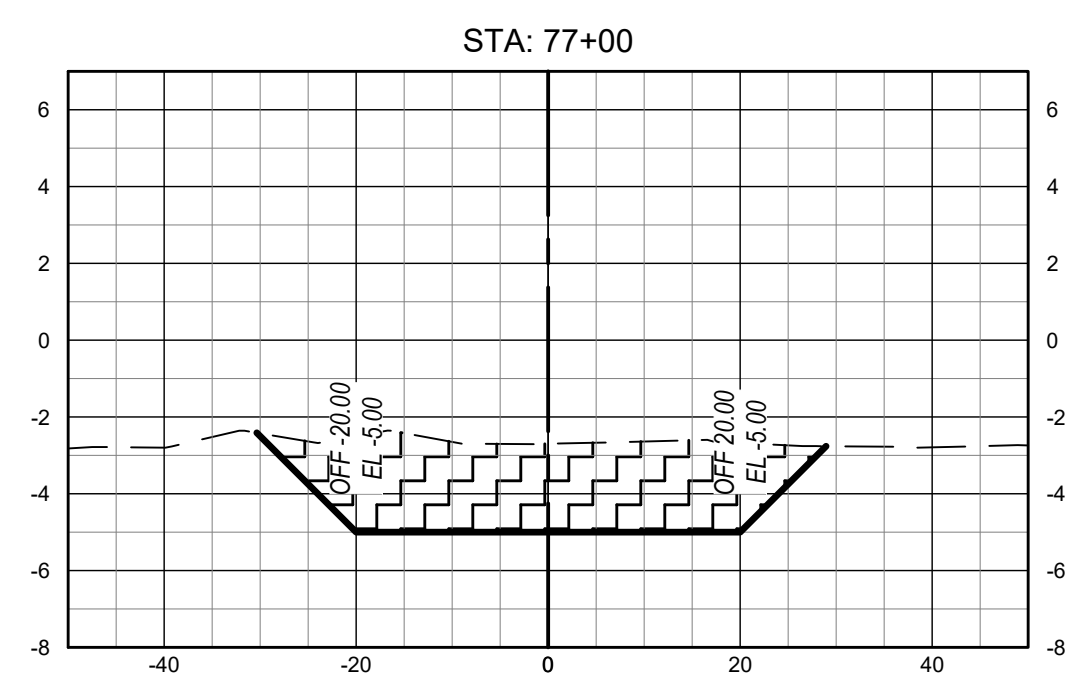
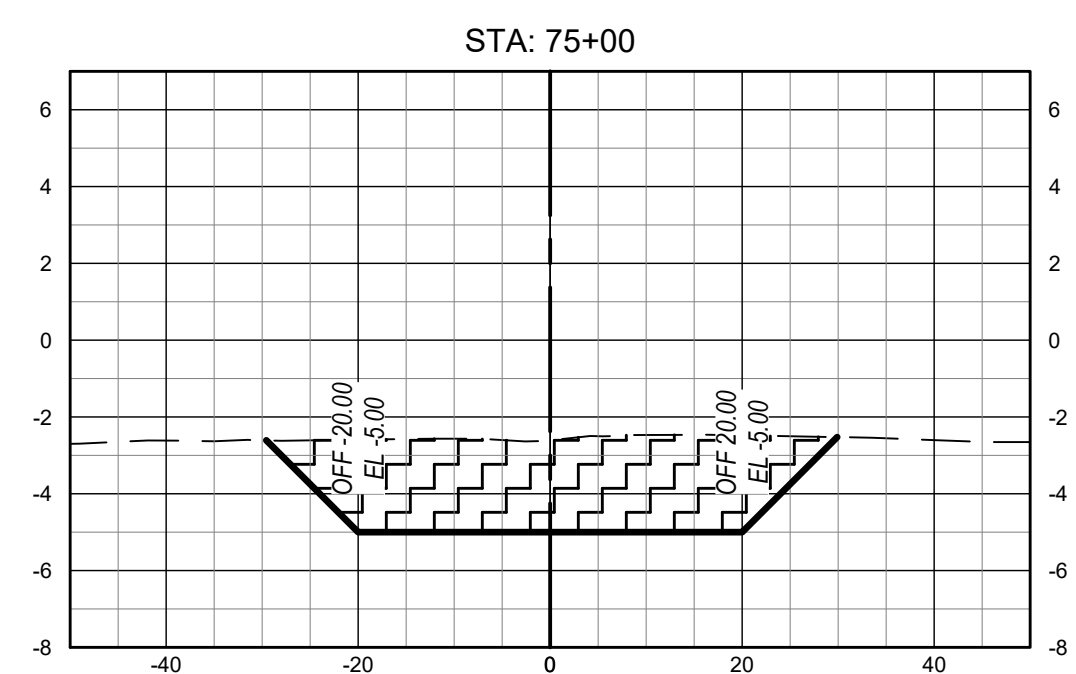
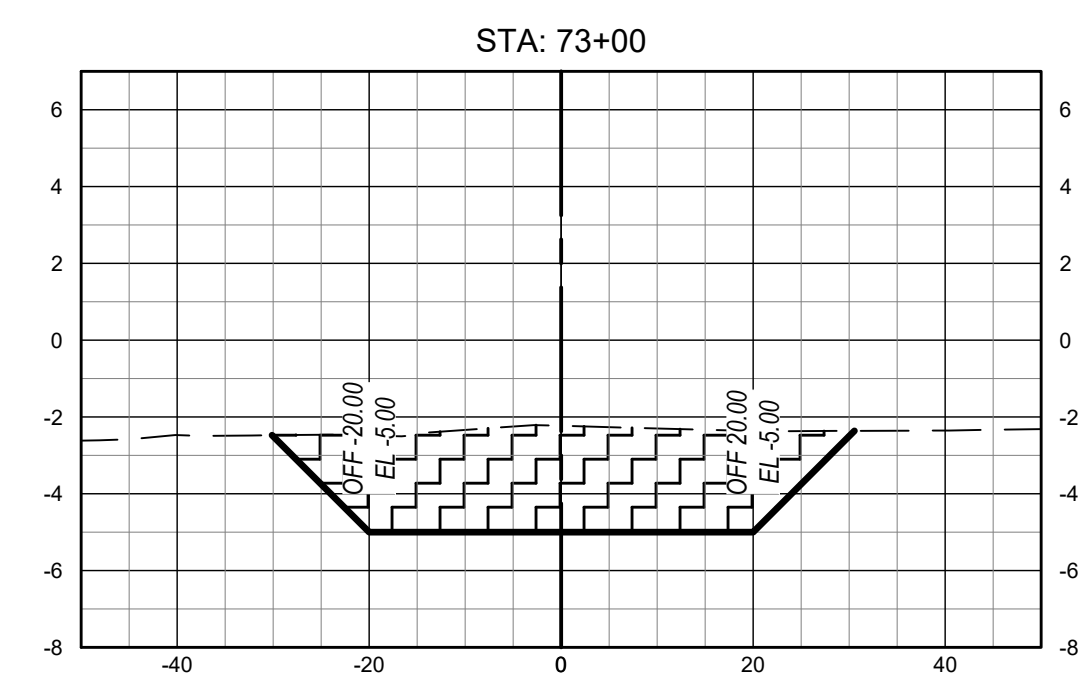
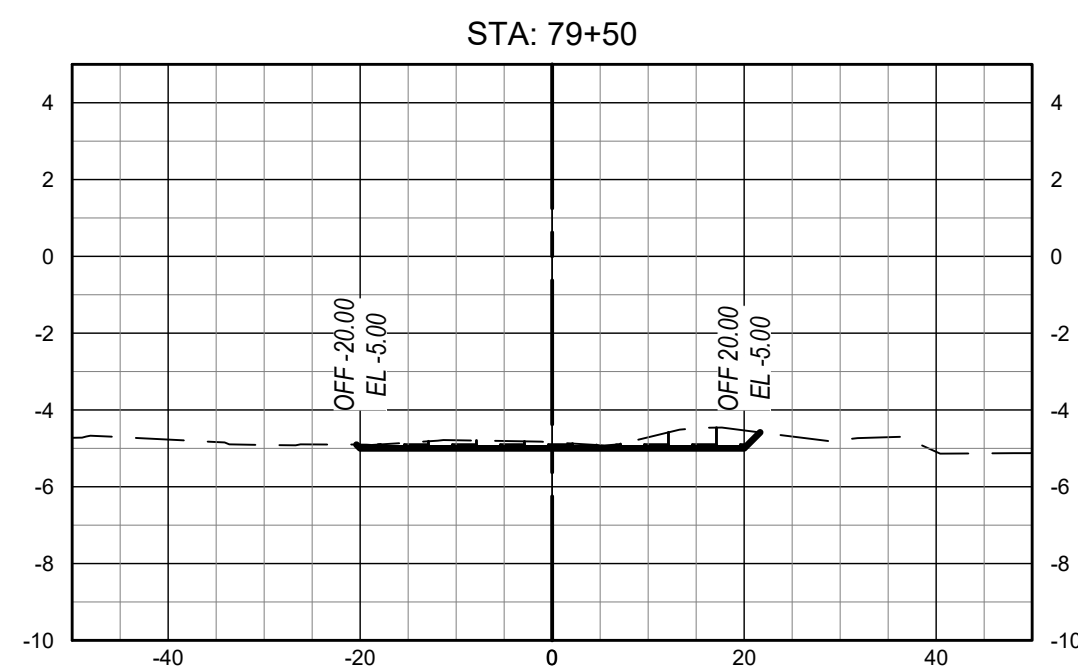
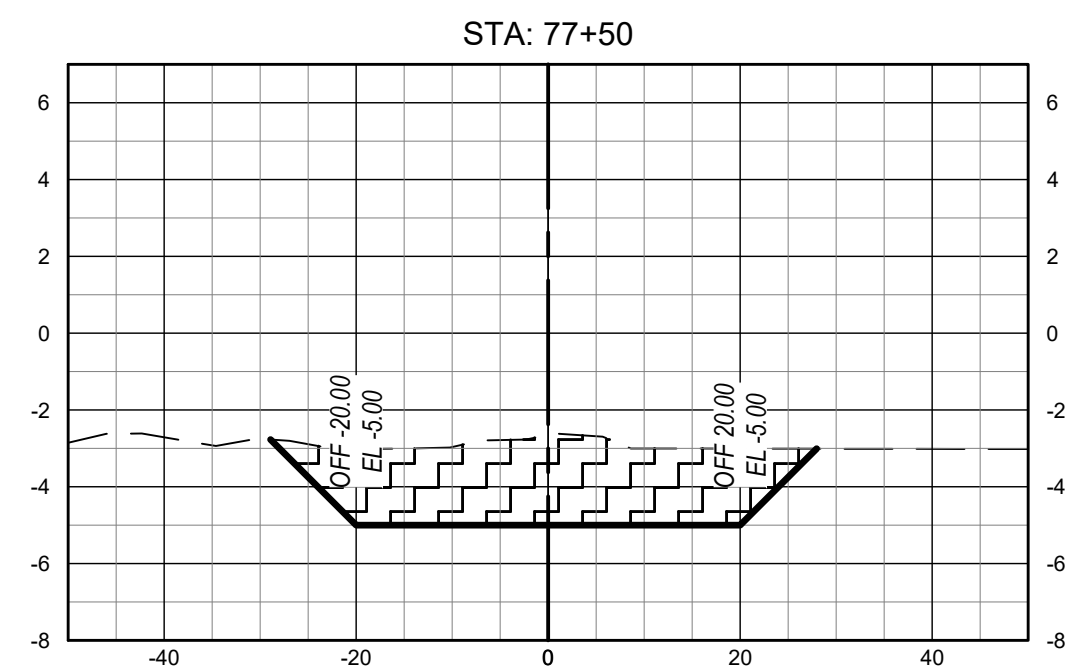
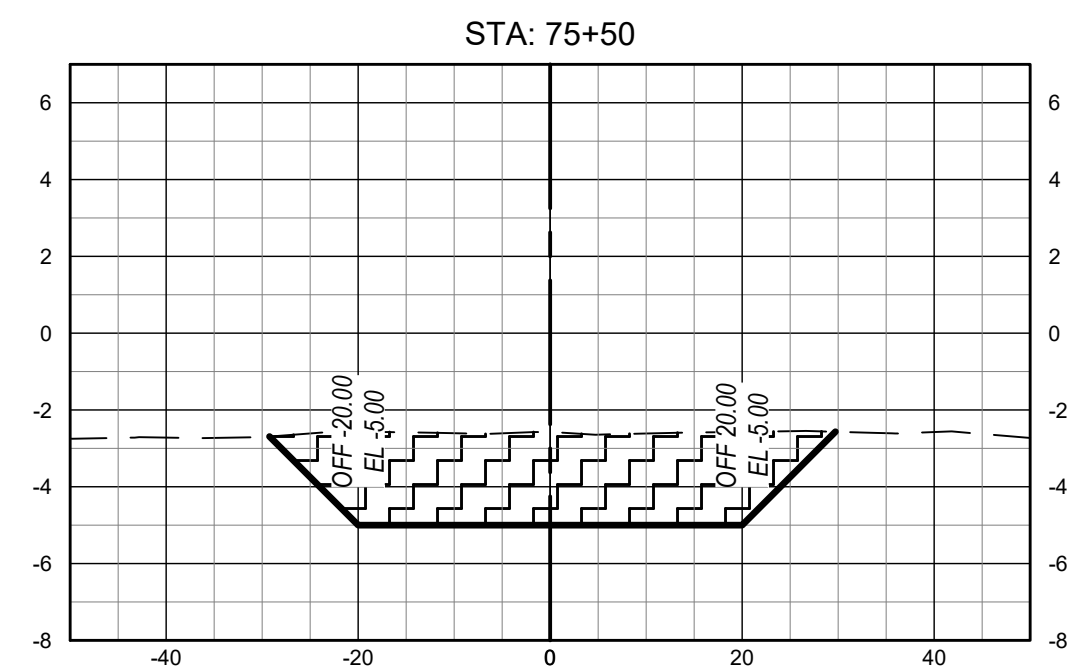
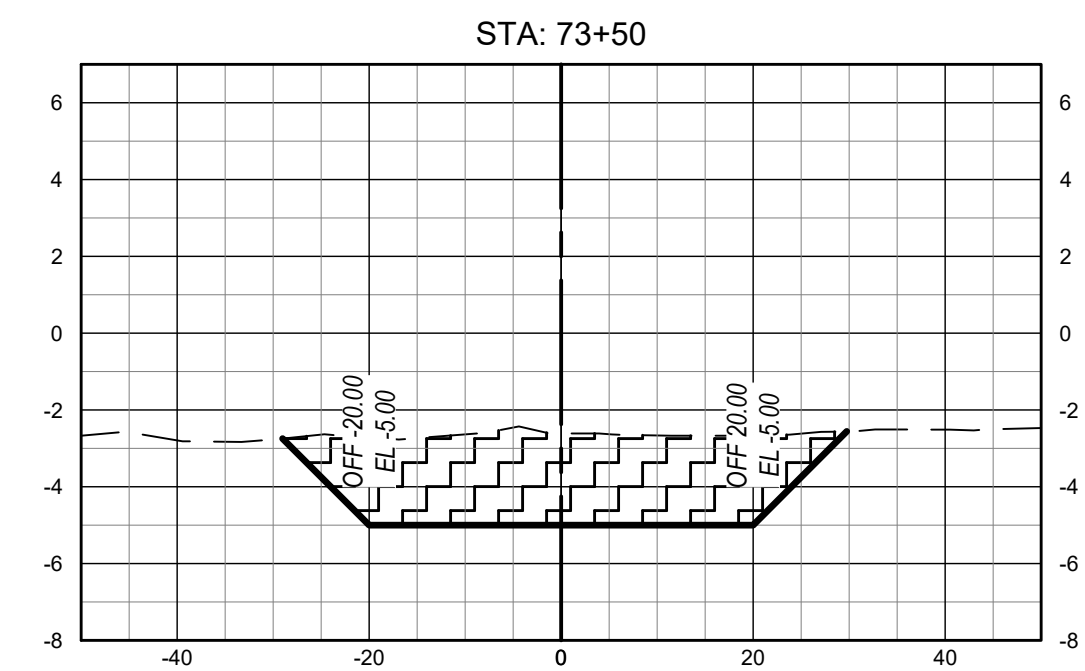
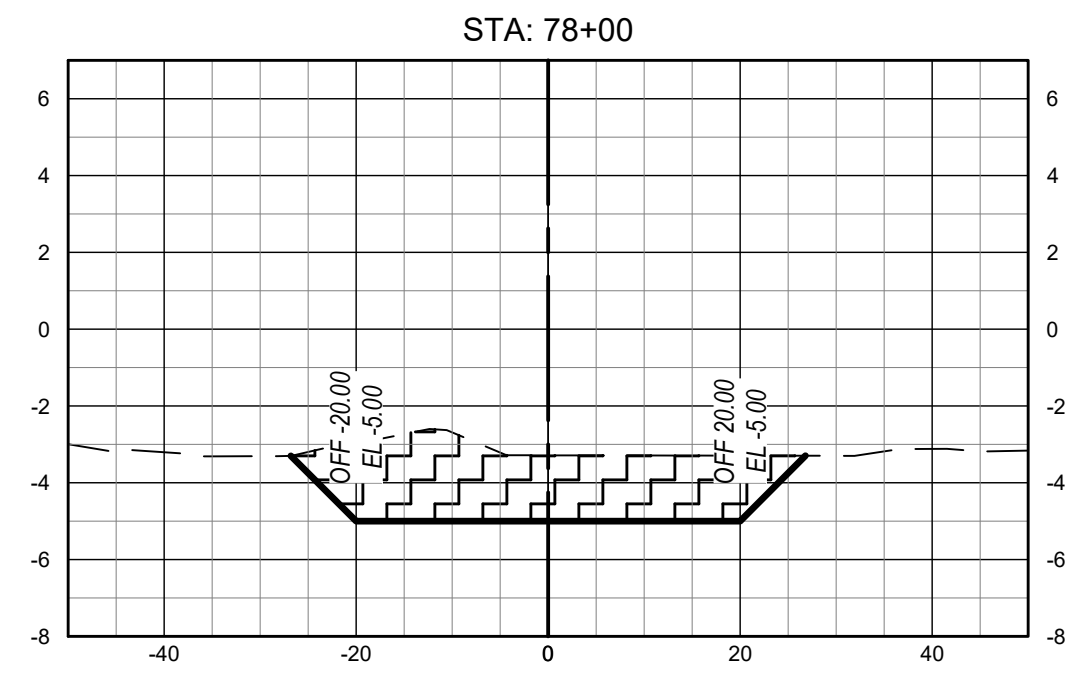
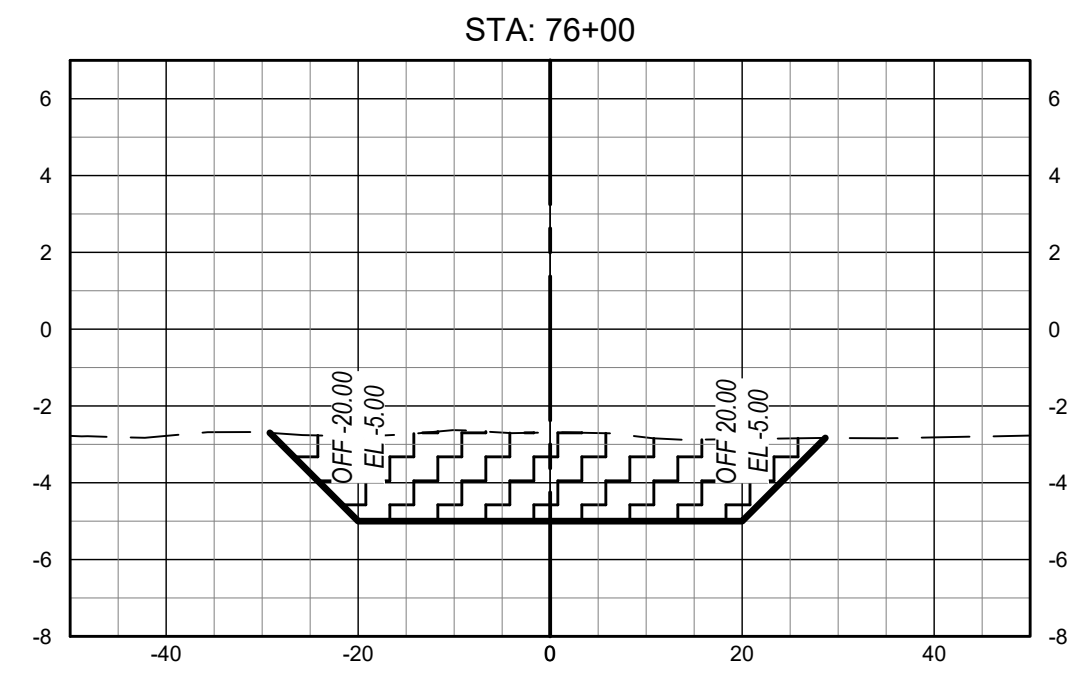
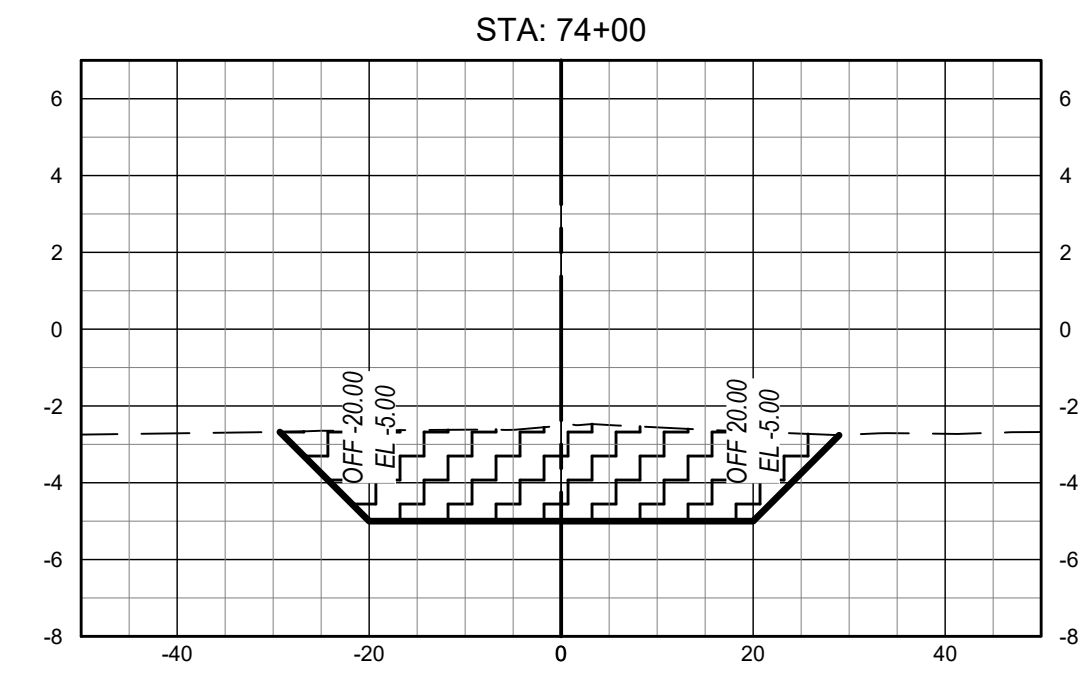
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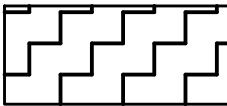
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Project Number 368117		B/O 28	Total 50
Designed S. WHITE	Eng check		
Drawn C. RILEY	Coordination S. WHITE		
Dwg check		Approved	
Scale at ANSI D 1:20	Status PRE	Rev A	Security STD
Drawing Number C-028			

User Name: RU 36259
Time Stamp: Nov 29, 2021 - 2:28:03PM
Drawing Name: C-029 Cross Sections Access Channel.dwg
Drawing Path: P:\88117 - esco perdido bay boat ramp\Drawings\Civil\Drawings\Sheets\Plan Set\



LEGEND:



AREA OF CUT

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client
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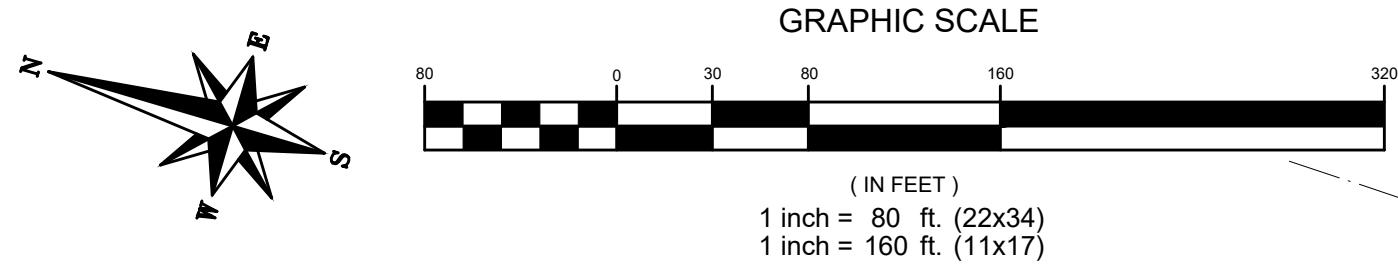
Title
Perdido Bay Boat Ramp

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Drawn C. RILEY		Coordination S. WHITE	
Dwg check		Approved	
Scale at ANSI D 1:20	Status PRE	Rev A	Security STD
Drawing Number C-029			



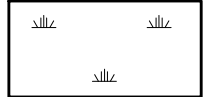
NOTE:

1. PROPOSED CONSERVATION EASEMENT AREAS 1 THRU 3, RECORDED AT OR BOOK 8664 & PG. 1615.

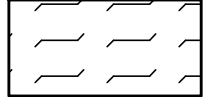
LEGEND



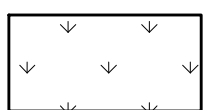
ESCAMBIA COUNTY/FDEP
25' UPLAND BUFFER



WETLAND



EMERGENT TIDAL MARSH



SUBMERGED AQUATIC VEGETATION
(VALLISNERIA AMERICANA) DELINEATED
BY WETLAND SCIENCES, INC 11/19/17



ESCAMBIA COUNTY/FDEP/USACE
WETLAND JURISDICTION LINE
(DELINIATED BY WETLAND
SCIENCES, INC. 03/16/17



PROPERTY LINE

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client
**Escambia County
Board of County Commissioners**

Title
Perdido Bay Boat Ramp

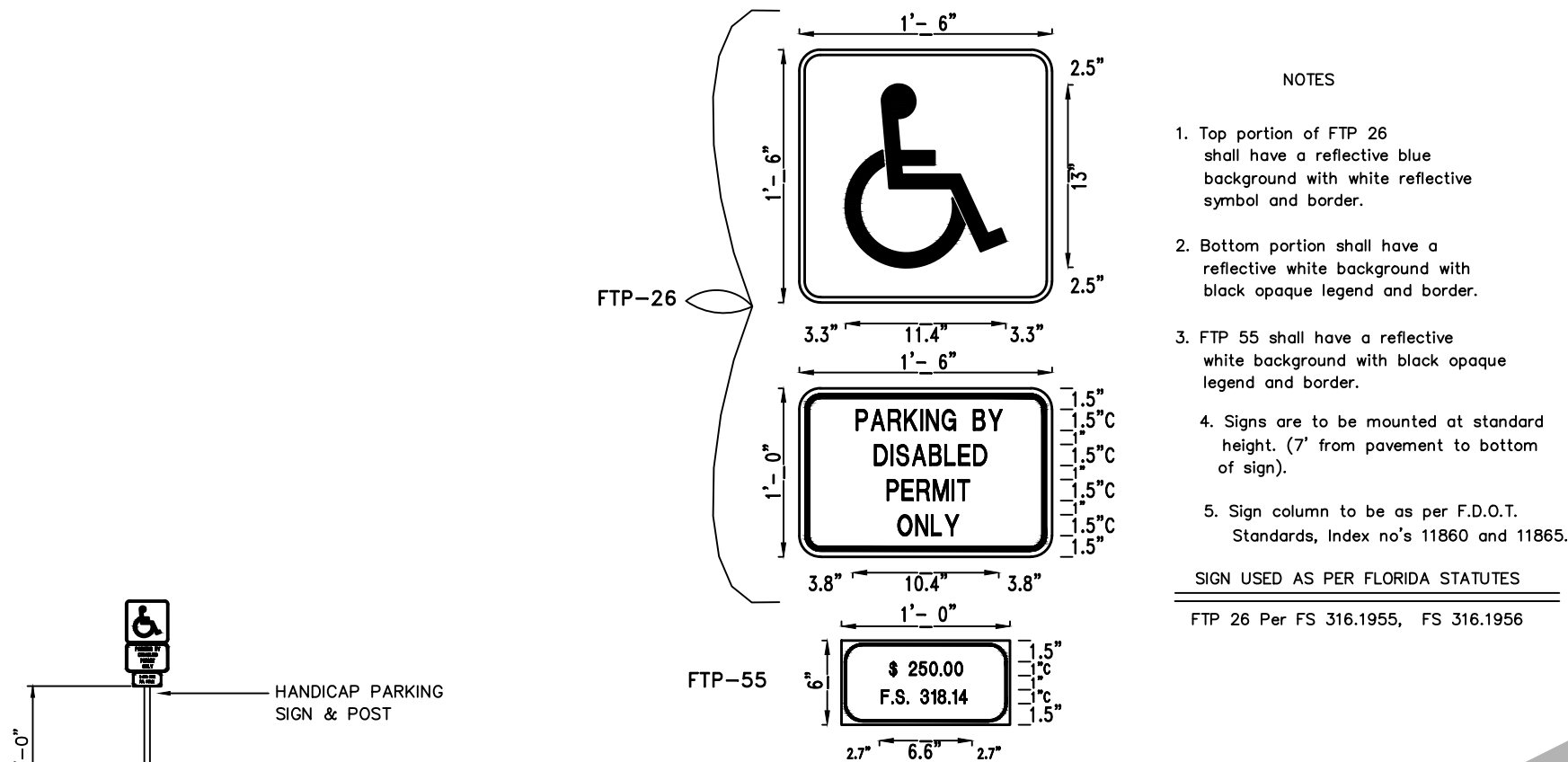
**PROPOSED CONSERVATION
EASEMENTS**

ISSUED FOR PERMIT

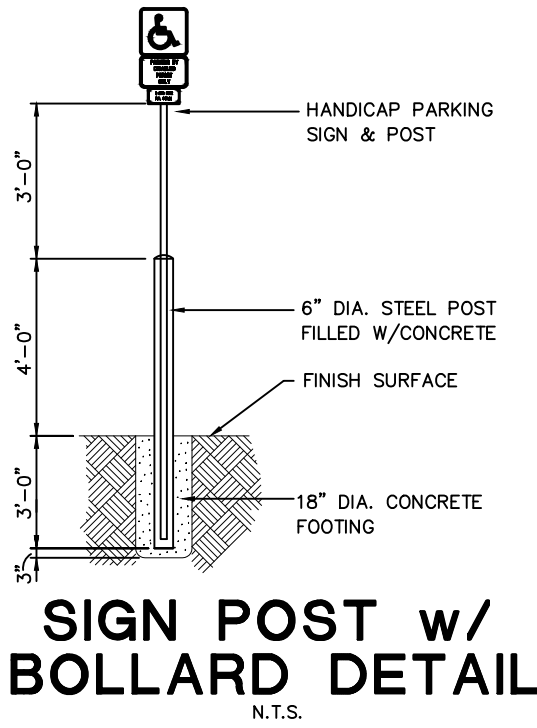
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Project Number	368117	B/O	32	Total	50
Designed	S. WHITE	Eng check			
Drawn	C. RILEY	Coordination	S. WHITE		
Dwg check		Approved			
Scale at ANSI D	1:80	Status	PRE	Rev	A
Drawing Number				Security	STD

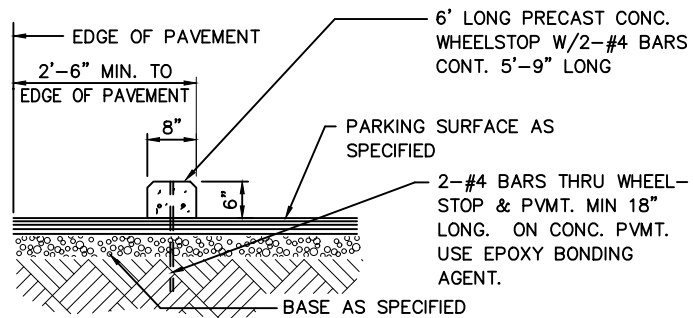
C-032



HANDICAP SIGN
NO. FTP-26
N.T.S.

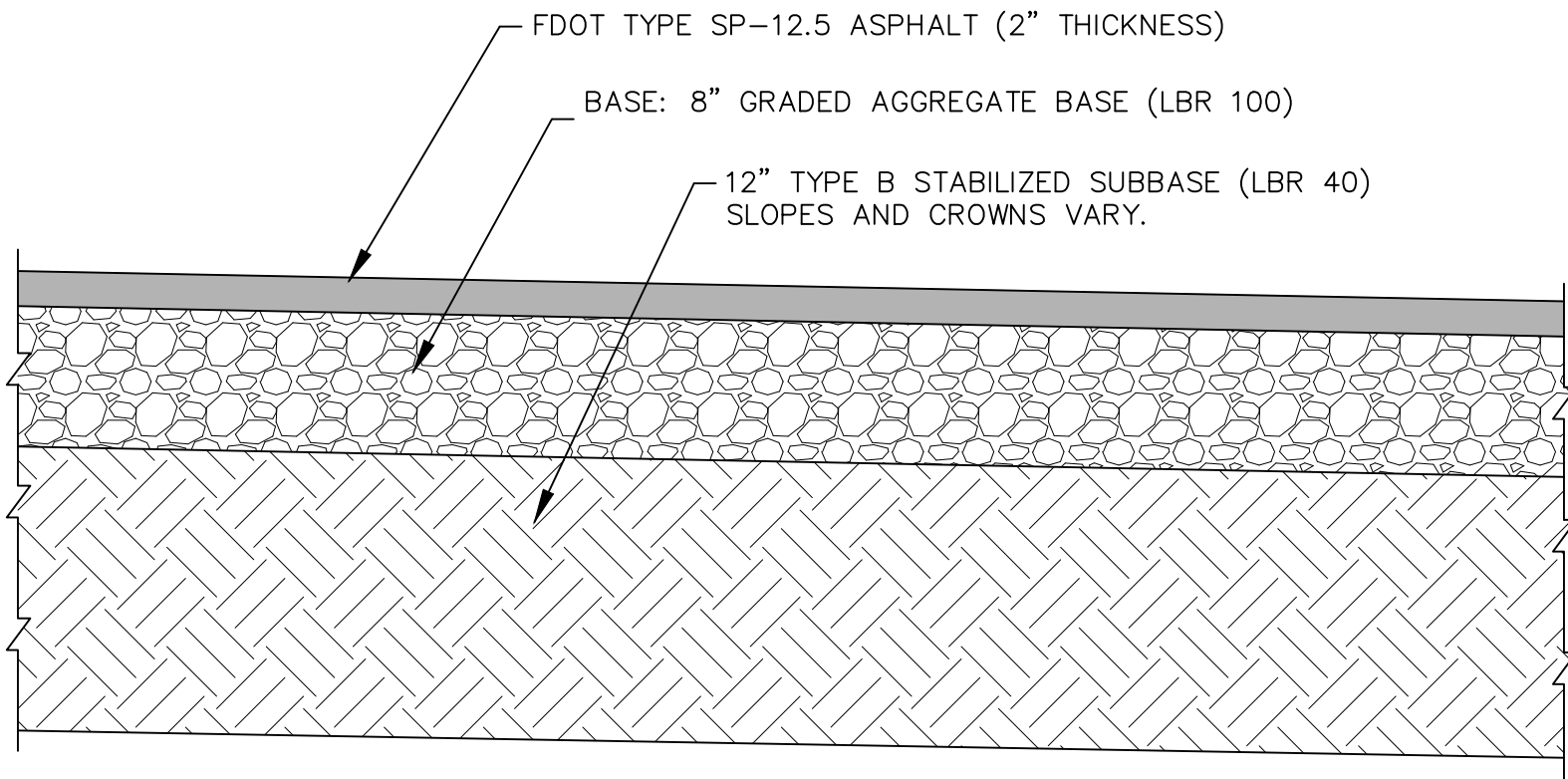


SIGN POST w/
BOLLARD DETAIL
N.T.S.



CONCRETE WHEELSTOP
N.T.S.

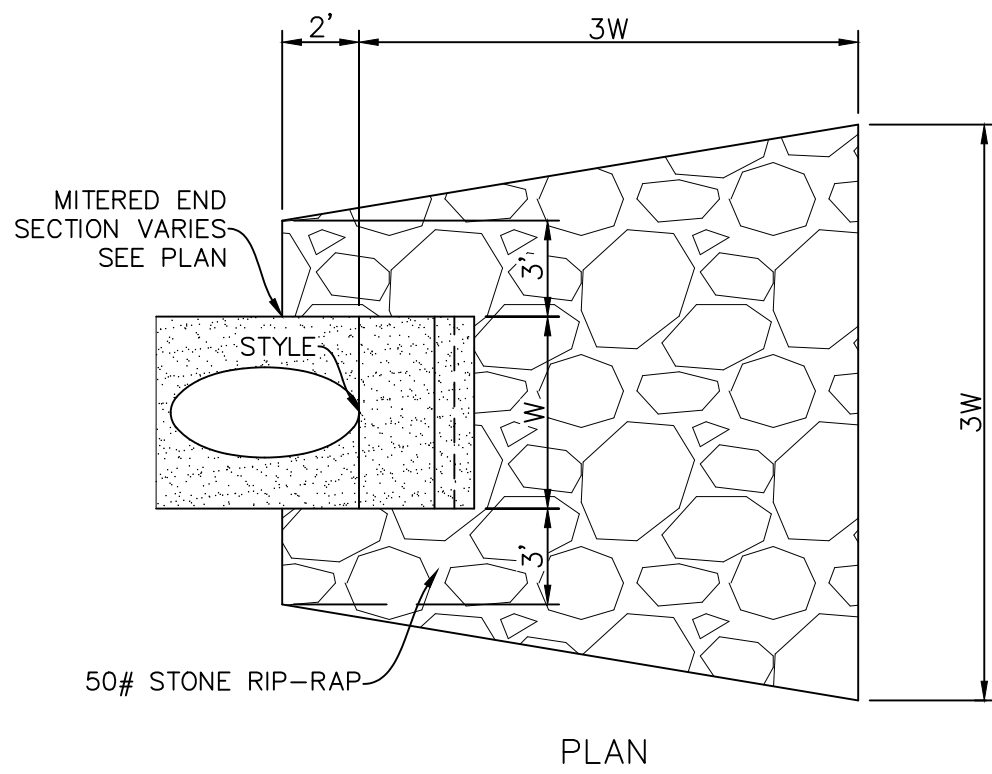
HANDICAP DETAIL (INSET RAMP)
N.T.S.



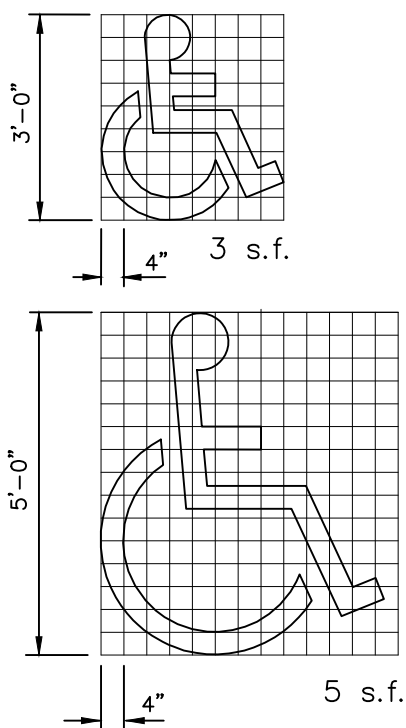
GENERAL NOTES:

- 8" BASE MATERIAL SHALL BE COMPACTED TO 100% OF MODIFIED PROCTOR TEST (ASTM D1557)
- 12" TYPE B STABILIZED SUBGRADE SHALL BE COMPACTED TO 98% OF MODIFIED PROCTOR TEST (ASTM D1557)
- WEARING SURFACE SHALL BE ASPHALTIC CONCRETE, FDOT TYPE SP-12.5 HAVING A MINIMUM THICKNESS OF 2".
- COMPACT EACH LAYER FILL, BACKFILL, OR TRENCH BACKFILL TO A MINIMUM 98% OF MODIFIED PROCTOR (ASTM D1557). COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 02300, 3.11 OF THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.

NEW ASPHALT PAVEMENT SECTION
N.T.S.

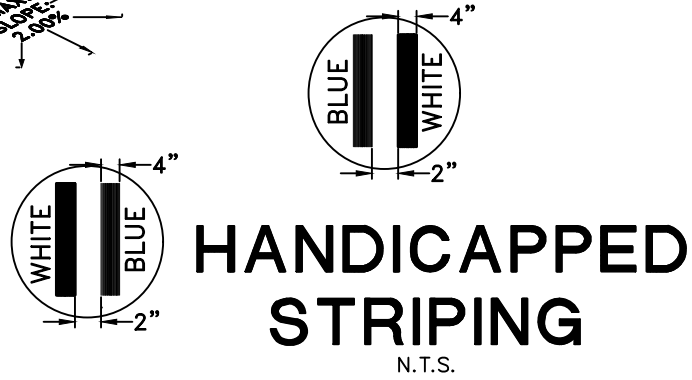


RIP-RAP DETAIL
N.T.S.



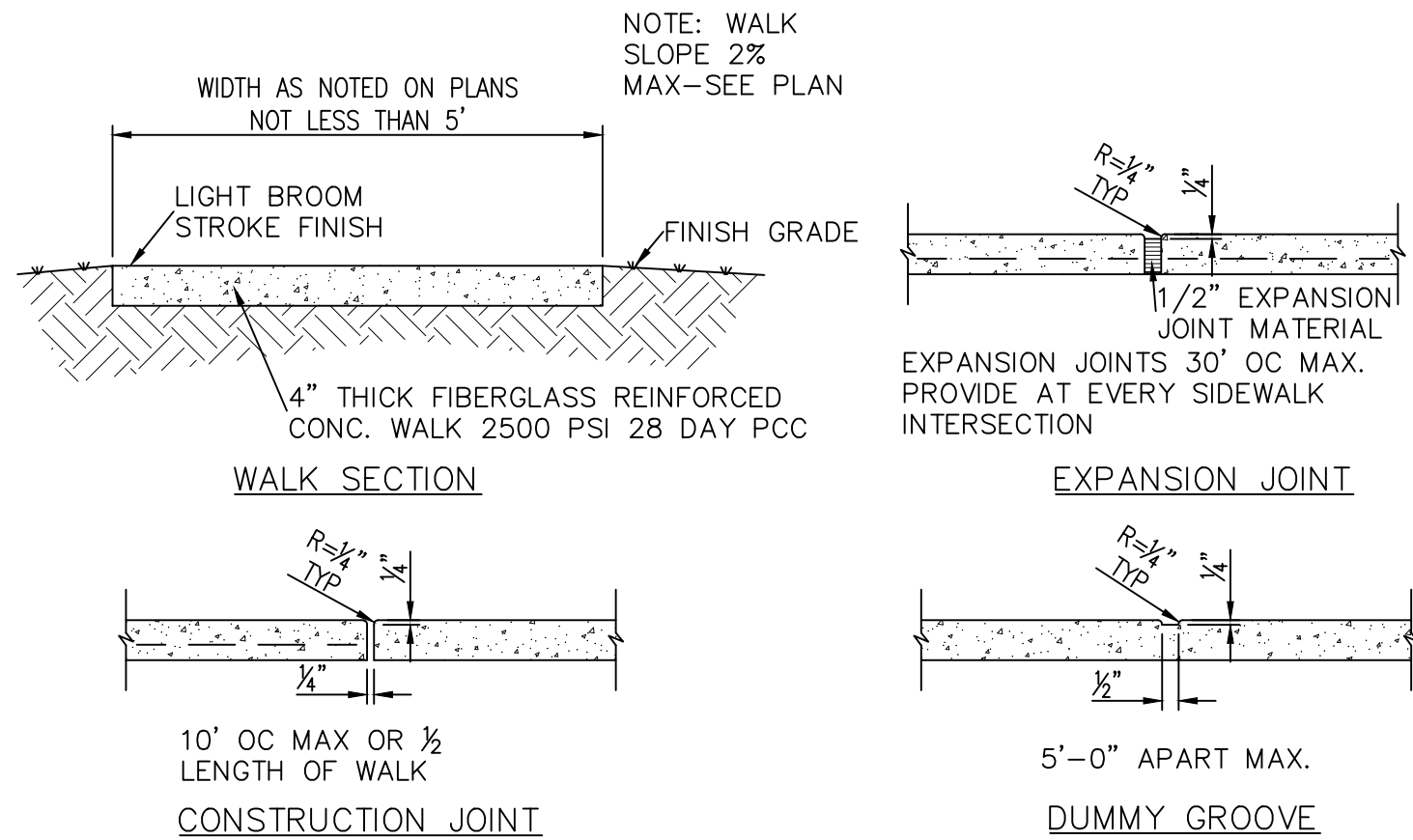
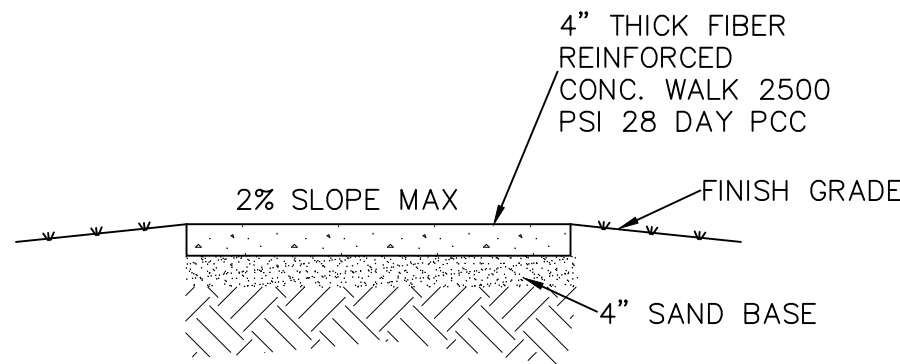
USE OF PAVEMENT SYMBOL IN HANDICAPPED PARKING SPACES IS REQUIRED, WHEN USED THE SYMBOL SHALL BE 3 OR 5 FT. HIGH AND WHITE IN COLOR.

HANDICAPPED
PAVEMENT SYMBOL
N.T.S.



HANDICAPPED
STRIPING
N.T.S.

*HANDICAP PARKING SPACES & ACCESS AISLES SHALL HAVE A MAXIMUM GRADIENT OF 2.00% IN ANY DIRECTION



SIDEWALK DETAILS
N.T.S.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

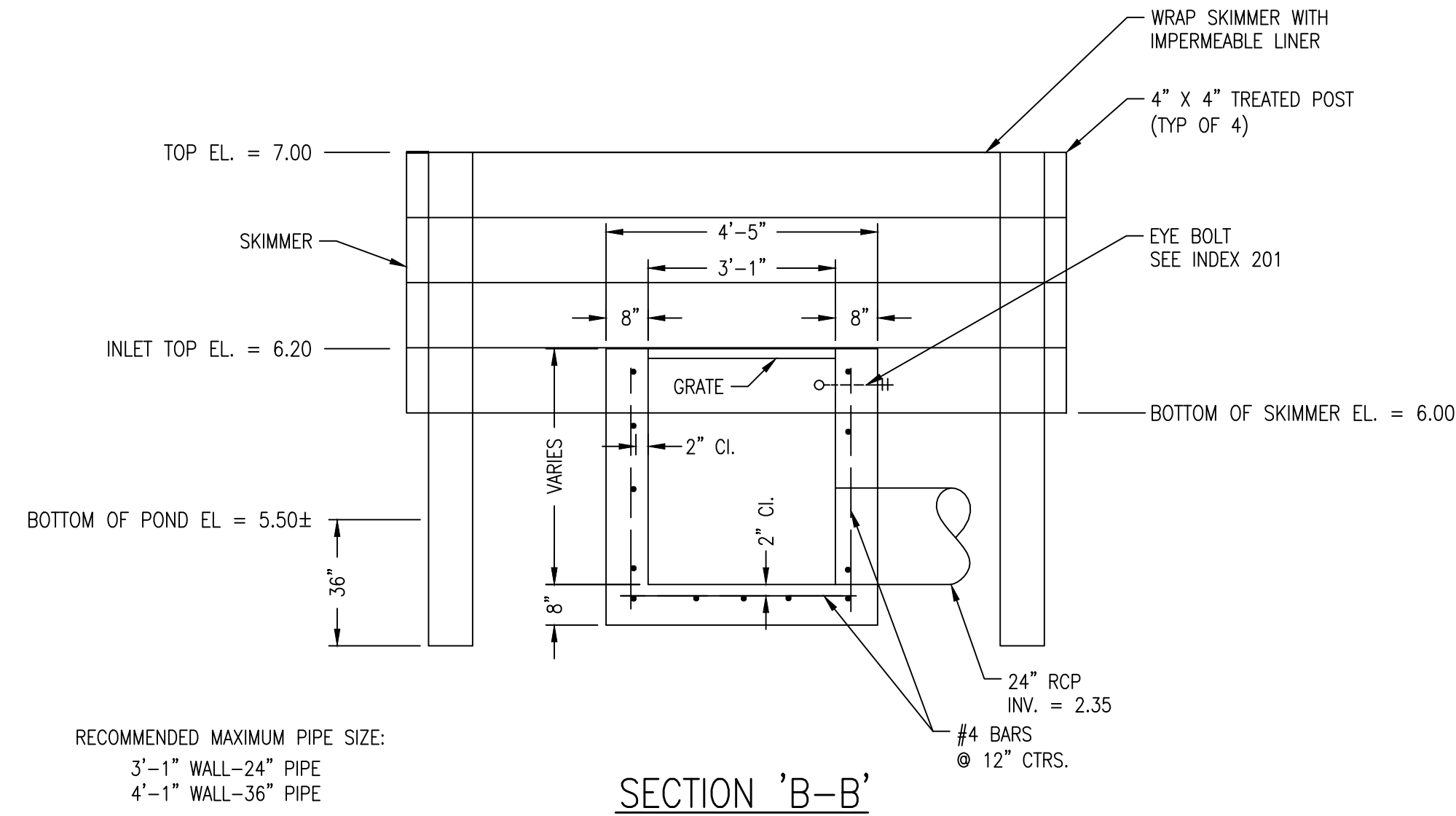
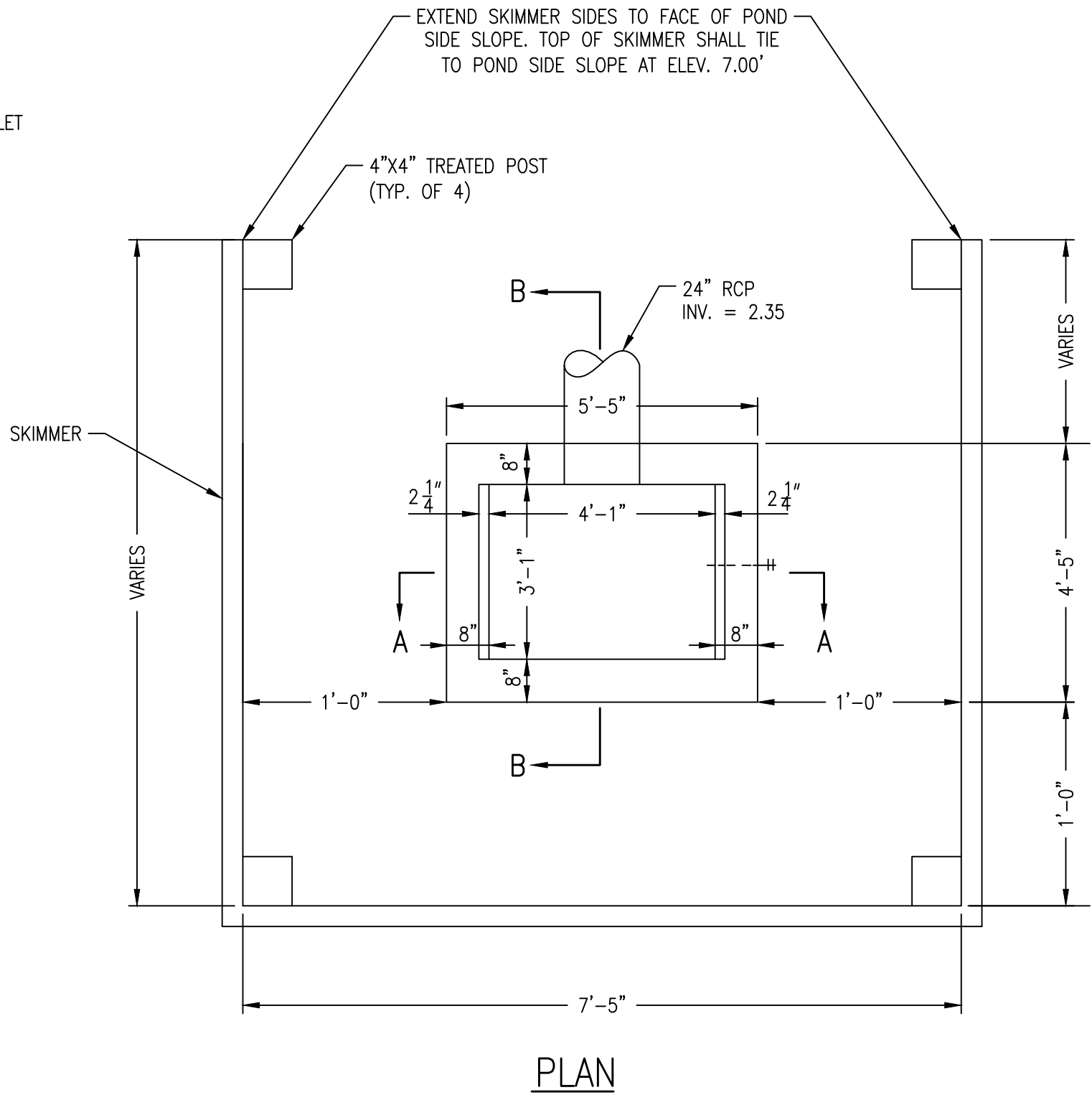
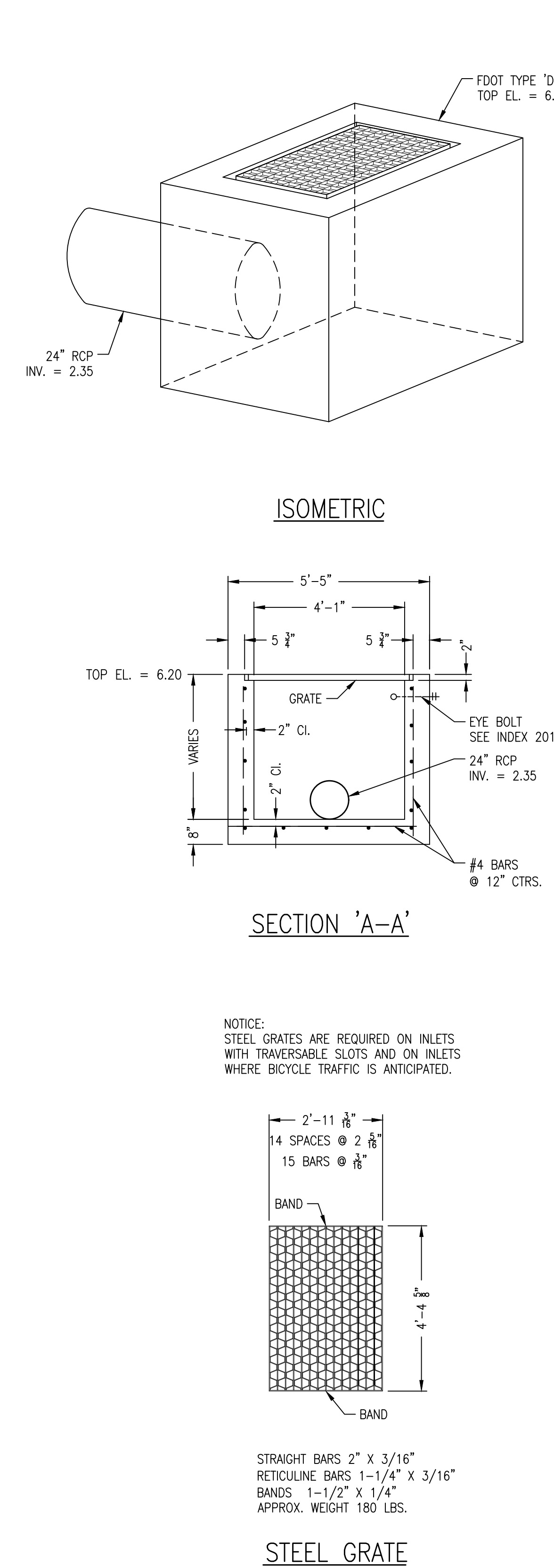
DETAILS

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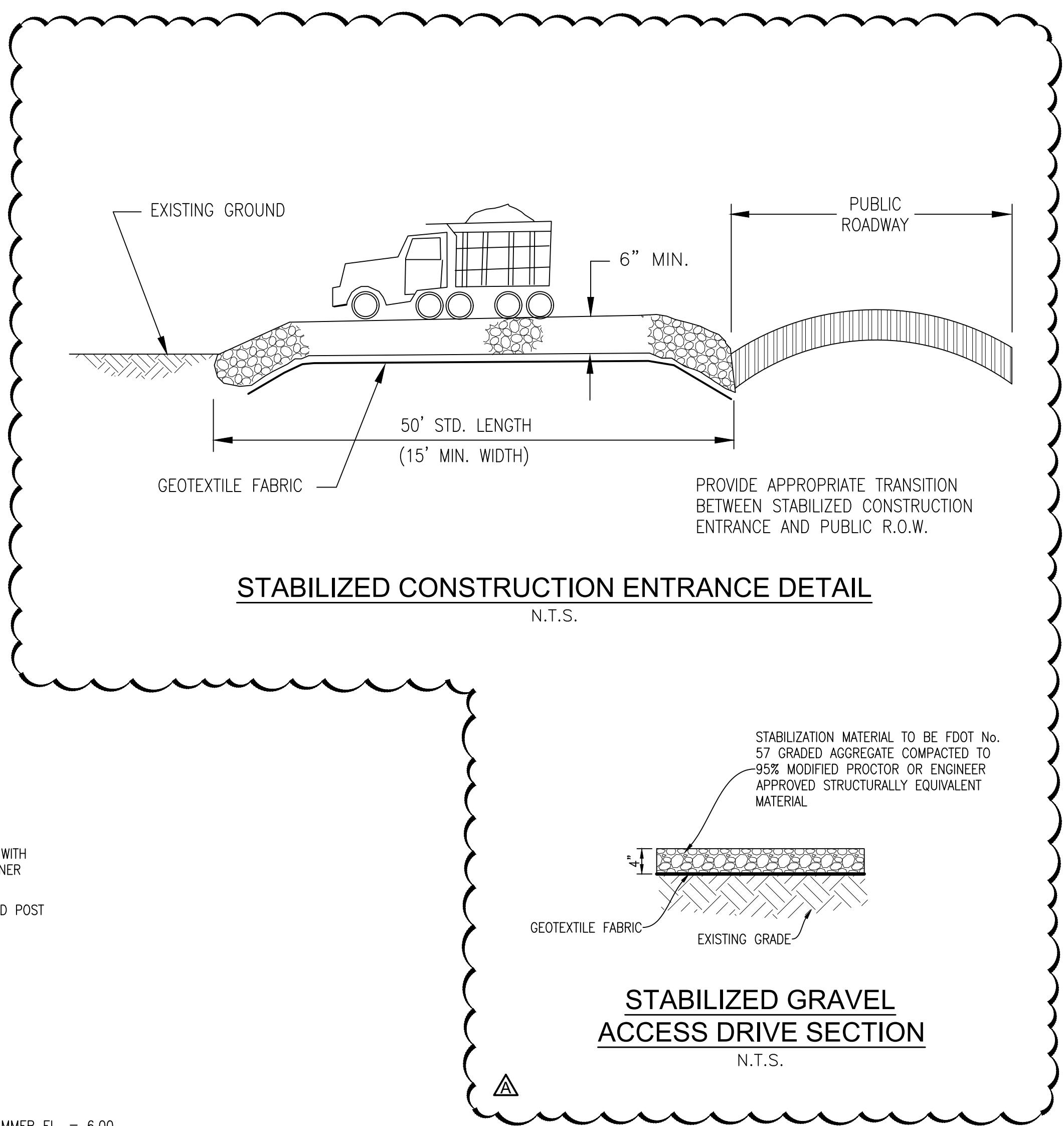
Project Number	368117	B/O	33	Total	50
Designed	S. WHITE	Eng check			
Drawn	C. RILEY	Coordination	S. WHITE		
Dwg check		Approved			
Scale at ANSI D	NTS	Status	PRE	Rev	A
Drawing Number				Security	STD

C-033



- GENERAL NOTES:
1. THESE INLETS ARE SUITABLE FOR BICYCLE AND PEDESTRIAN AREAS AND ARE TO BE USED IN DITCHES, MEDIANS AND OTHER AREAS SUBJECT TO INFREQUENT TRAFFIC LOADINGS BUT ARE NOT TO BE PLACED IN AREAS SUBJECT TO ANY HEAVY WHEEL LOADS.
 2. RECOMMENDED MAXIMUM PIPE SIZES SHOWN ARE FOR CONCRETE PIPE. PIPE SIZES LARGER THAN THOSE RECOMMENDED MUST BE CHECKED FOR FIT.
 3. ALL EXPOSED CORNERS AND EDGES OF CONCRETE ARE TO BE CHAMFERED 3/4".
 4. FOR SUPPLEMENTARY DETAILS SEE FDOT INDEX NO. 201.

FDOT TYPE 'D' DITCH BOTTOM INLET
N.T.S.



A	10/20/21	CR	ESCAMBIA COUNTY DRC COMMENT	SW	SW
Rev	Date	Drawn	Description	Ch'k'd	App'd

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220 West Garden Street
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United States of America
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Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

DETAILS

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Project Number	B/O	Total		
368117	34	50		
Designed	S. WHITE	Eng check		
Drawn	C. RILEY	Coordination	S. WHITE	
Dwg check		Approved		
Scale at ANSI D	Status	Rev	Security	
NTS	PRE	A	STD	
Drawing Number				

C-034

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ANY DISTURBED AREAS WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
3. PERMANENT VEGETATION TO BE SEEDDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
4. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, SECTIONS 104, 570, 575 AND 980 TO 986.
5. A BITUMINOUS CONCRETE BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE BITUMINOUS CONCRETE BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.
6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL, ACCORDING TO STATE STANDARDS.
7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).
8. UNFILTERED DETERIORING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DETERIORATING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.
9. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET, TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.
10. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.
11. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE NUMBER 2 (ABOVE).
12. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.
13. THE CONTRACTOR SHALL PREPARE A PLAN FOR THE PROPER DETERIORATING AND DOWNSTREAM SILTATION PROTECTION OF EACH STREAM CROSSING PRIOR TO EXCAVATING THE STREAM BED. PLAN SHALL BE FORWARDED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTION PRIOR TO EACH STREAM CROSSING CONSTRUCTION.
14. ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.), SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.

* WHERE APPLICABLE

SEED BED PREPARATION
SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 260 LBS./ACRE OF 16-16-16 OR EQUIVALENT, APPLY DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS./ACRE TO PROVIDE A SOIL pH OF 5.5 TO 6.5, LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4". ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE DIRECTED BY ENGINEER.

CONSISTING OF ANNUAL RYE (LOLIUM MULTIFLORUM) AT A RATE OF 174 LBS/ACRE.

SEED BED PREPARATION
SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 260 LBS./ACRE OF 16-16-16 OR EQUIVALENT, APPLY DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS./ACRE TO PROVIDE A SOIL pH OF 5.5 TO 6.5, LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4".

260 LBS/AC.
260 LBS/AC.

SOD SHALL BE WELL ROOT MATTED CENTIPEDE OR BAHIA GRASS OR SHALL BE LIKE IN KIND TO EXISTING AS DIRECTED BY ENGINEER, COMMERCIALY CUT TO A MINIMUM DIMENSION OF 12" x 24" A MAXIMUM OF 72 HOURS PRIOR TO PLACEMENT. SOD SHALL BE LIVE, FRESH, AND UNINJURED, REASONABLY FREE OF WEEDS AND OTHER GRASSES, WITH A HEAVY SOIL MAT ADHERING TO THE ROOT SYSTEM. SOD SHALL BE GROWN, CUT, AND SUPPLIED BY A STATE CERTIFIED GROWER.

1. CONSTRUCTION TRAFFIC SHALL BE RESTRICTED TO ONSITE ACCESS BY MEANS SO DESIGNATED BY THE ENGINEER, POLICE/SHERIFF DEPARTMENT, ESCAMBA COUNTY, AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION.
2. TRAFFIC DURING WET WEATHER SHALL BE MINIMIZED AND APPROPRIATE ROADWAY AND SITE CLEAN-UP SHALL BE PROVIDED BY THE CONTRACTOR AS SOON AS WEATHER CONDITIONS PERMIT.

1. ALL DAMAGED ROOTS ARE TO BE EXPOSED TO SOUND TISSUE AND SEVERED CLEANLY. (NOT TORN) ROOTS SHALL BE PRUNED TO A DEPTH OF 18 INCHES BELOW THE EXISTING GRADE OR TO THE DEPTH OF DISTURBANCE IF LESS THAN 18 INCHES FROM THE EXISTING GRADE.
2. TREE LIMB REMOVAL, WHERE NECESSARY, SHOULD BE PERFORMED TO CURRENT ARBORICULTURAL STANDARDS LEAVING THE BRANCH COLLAR INTACT ON THE TREE.
3. FOR TREE'S LIABILITY NO UNNECESSARY CLEARING BY HEAVY EQUIPMENT SHOULD HAPPEN UNDER THE DRIPLINE OF PROTECTED TREES TO REMAIN ON THE SITE. STORAGE OF HEAVY EQUIPMENT SHALL NOT OCCUR UNDER THE DRIPLINE OF PROTECTED TREES ON SITE.

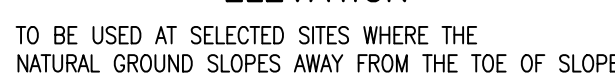
1. ALL AREAS OF CLEARING AND EMBANKMENT AS WELL AS CONSTRUCTION HAUL ROADS SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.
2. DISTURBED AREAS SHALL BE MAINTAINED IN A ROUGH GRADED CONDITION AND TEMPORARILY SEEDED AND/OR MULCHED UNTIL PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF PERMANENT VEGETATION COVER.
3. IN EVENT OF EMERGENCY CONDITIONS, TILLAGE WILL BE SATISFACTORY FREE BEFORE SOIL BLOWING STARTS.
4. CALCIUM CHLORIDE MAY BE APPLIED TO UNPAVED ROADWAY AREAS, ONLY, SUBJECT TO THE ENGINEER'S APPROVAL AND CONFORMANCE WITH FOOT STANDARD SPECIFICATIONS, SECTION 102-5. LATEST EDITION.

THIS PROJECT SHALL CONSIST OF THE CONSTRUCTION OF THE PERDIDO BAY BOAT RAMP FACILITY
THE CONSTRUCTION SHOULD PROCEED IN THE FOLLOWING MANNER:

1. INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCES.
2. CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION TO BE PROPERLY PROTECTED AND TO REMAIN IN ITS NATURAL STATE.
3. IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.
4. INITIATE CONSTRUCTION OF ROADWAY & STORMWATER COLLECTION/TRANSMISSION SYSTEM.
5. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, AND STABILIZE WITH TEMPORARY SEEDING.
6. REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.



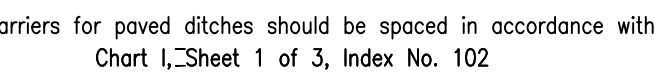
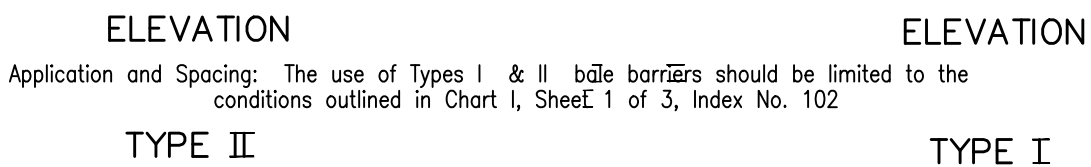
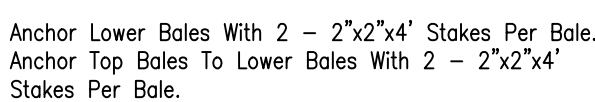
DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.




2" x 4" OR 3"Ø TREATED TIMBER



N.T.S.



Rev	Date	Drawn	Description	Ch'kd	App'd
			Mott MacDonald Florida, LLC. 220 West Garden Street Suite 700 Pensacola, FL 32502 United States of America T +1 (850) 484 6011 www.mottmac.com/americas		
Architects AA - C0000035			Engineers EB - 0000155		
			Surveyors LB - 0006783		

Client
Escambia County
Board of County Commissioners

Title	Perdido Bay Boat Ramp
-------	-----------------------

EROSION CONTROL DETAILS

ISSUED FOR PERMIT

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VERIFIED ON ANY ELECTRONIC COPIES.

Project Number 368117			B/O 35		Total 50	
Designed S. WHITE		Eng check				
Drawn C. RILEY		Coordination		S. WHITE		
Dwg check		Approved				
Scale at ANSI D NTS		Status PRE		Rev A		Security STD

C-035

User Name: RLI36259
Time Stamp: Nov 29, 2021 - 2:29:51PM
Drawing Name: C-036 Stormwater Pollution Prevention Plan.dwg
Drawing Path: P:\081117 - esco perdido bay boat ramp\Drawings\Civil\esd drawings\Sheets\Plan Set

STORM WATER POLLUTION PREVENTION PLAN
(THIS IS AN EXAMPLE ONLY AND IS NOT TO BE CONSTRUED AS AN ACTUAL STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT.)

1.0 BACKGROUND & REQUIREMENTS:

1.1 Introduction:

The referenced support documentation for this Storm Water Pollution Prevention Plan (SWPPP) is the United States Environmental Protection Agency's (EPA) Storm Water Management for Construction Activities, Developing Pollution Prevention Plans and Best Management Practices Summary Guidance (EPA 832-R-92-001) and Storm Water Management for Construction Activities, Developing Pollution Prevention Plans and Best Management Practices (EPA 832-R-92-005). This SWPPP is designed to protect onsite and adjacent natural resources, including but not limited to, wetlands, marshes, bayous and bays, while preserving wildlife and archeological resources.

This project does not require the General Stormwater Permit specified by Rule 62-25.801, Florida Administrative Code (FAC) by the Florida Department of Environmental Protection (FDEP).

1.2 Notice of Intent (NOI):

Rule 62-621.300(4), FAC requires the construction operator of a site that disturbs one or more acres to obtain coverage from the Generic Permit for Stormwater Discharge from Large and Small Construction Activities (CGP). The contractor is required to submit a Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities (FDEP Form 62-621.300(4)(b)) along with the appropriate application fee to the following address 48 hours prior to commencing construction:

NPDES Stormwater Notices Center, MS # 2510
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

This form can be obtained from FDEP's website (www.dep.state.fl.us) or by contacting FDEP. Please note that the current application fee is \$150; however, this fee is subject to change without notice. Always refer to the most current version of Rule 62-4.050(4)(d), FAC to confirm the amount before submitting payment. If construction activity exceeds five years, the contractor must re-apply for coverage.

1.3 Stormwater Pollution Prevention Plan (SWPPP):

The contractor is required to certify this Stormwater Pollution Prevention Plan (SWPPP) below prior to submitting the NOI. This SWPPP is not required to be submitted with the NOI, but is required to be kept on site during all phases of construction. Because erosion and sediment controls and construction methods vary significantly from contractor to contractor, the contractor can propose alternative methods to this SWPPP that are equal or better at controlling erosion and sedimentation. At a minimum, the contractor must follow the erosion control plan specified in the construction plans and documents. Any modifications to this SWPPP must be documented and kept with the plan as part of the records keeping process to be in full compliance with the CGP.

1.4 Contractor's Certification:

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with construction activity from the construction site identified as part of this certification.

Print & Sign Name	Company & Address
_____	_____
_____	_____
Name & Title (Print)	_____
_____	_____
Signature	Date
_____	_____
Responsibilities (General Contractor, Site Contractor, Subcontractor, Other):	

1.5 Notice of Termination (NOT):

The contractor is required to submit a Notice of Termination of Generic Permit Coverage (FDEP Form 62-621.300(6)) upon construction completion to discontinue permit coverage. The NOT is to be submitted to the following address:

NPDES Stormwater Notices Center, MS # 2510
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

This form can be obtained from FDEP's website (www.dep.state.fl.us) or by contacting FDEP. The NOT can not be submitted until all disturbed soils at the construction site have been finally stabilized and temporary erosion and sediment control measures have been removed or will be removed at an appropriate time. Final stabilization means that all soil disturbing activities at the site have been completed and that a uniform perennial vegetative cover with a density of 70 percent of the cover for unpaved areas and areas not covered by permanent structures has been established, or equivalent stabilization measures have been employed. If construction activity exceeds five years, the contractor must re-apply for coverage.

1.6 Application Information:

Project Address: 10808 Lillian Hwy
Pensacola, Florida
Escambia County

Latitude: 30°24'30.91"N
Longitude: 87°22'16.12"W

Water Management District: Northwest Florida (NFWFMD)

ERP Permit No.: N/A

MS4 Operator Name: N/A

Receiving Water Name: Heron Bayou / Perdido Bay

2.0 SITE DESCRIPTION:

2.1 Nature of Construction Activities:

This project involves construction of a boat ramp on Heron Bayou. It will include driveway connection to Lillian Hwy and drainage improvements that discharge to Heron Bayou and eventually Perdido Bay. Channel dredging will also occur in Heron Bayou and Perdido Bay

2.2 Sequence of Major Soil Disturbing Activities:

The following sequence of major activities shall be followed unless the contractor can propose an alternative that is equal to or better at controlling erosion and sedimentation. The detailed sequence for the entire project can vary significantly from contractor to contractor. The contractor is responsible for documenting any changes.

The construction should proceed in the following manner:

1. Installation of all sediment and erosion control devices that can be placed prior to any major soil disturbances.
2. Clear and remove all existing vegetation in those areas where necessary. All remaining vegetation shall be properly protected and to remain in its natural state.
3. Construct all underground utilities, storm sewer pipe, and drainage discharge structures.
4. Immediate installation of all remaining sediment and erosion control devices. Gravel driveways removed during construction of storm sewer.
5. Regrade and contract/reconstruct roadway.
6. Grade all swales and reconstruct driveways.
7. Upon completion of construction activities, provide restoration, fine grade remainder of site, and stabilize with temporary seeding.
8. Remove all accumulated silt and sediment. Remove temporary sediment and erosion control devices.

2.3 Area Estimates:

On site Area:
Offsite Area: 8.90 acres
Total Drainage Area:
Area to be Disturbed:

2.4 Runoff Data:

Runoff Coefficients (c):

Before: Total Composite: c =
During: Total Composite: c =
After: Total Composite: c =

Soils Data:

From the Escambia County Soils Survey published by the United States Department of Agriculture, Soil Conservation Service, soils within the project area are predominately Hurricane Sands. Soil classifications have these characteristics:

Depth to the seasonal high water table: Ranging from 1.5 to 3 feet.

Available water capacity: Low

Permeability: Rapid in the surface and subsurface layers and moderate layers and moderate in the subsoil.

STORM WATER POLLUTION PREVENTION PLAN (CON'T)

2.5 Site Map:

The construction plans are to be used as the site maps. The location of the required information is described below. The sheet numbers for all the items discussed below are identified on the Key Sheet of the construction plans.

- **Drainage Patterns:** All drainage patterns are shown on the Plan and Profile sheets, and Grading & Drainage Plan.
- **Approximate Slopes:** Approximate slopes are shown on the Plan and Profile sheets.
- **Areas of Soil Disturbance:** All demolition is shown in the Existing Site, Demolition & Erosion Control Plan. Any areas where demolition work or permanent features are shown above or below ground will be disturbed.

- **Areas not to be Disturbed:** Any areas not showing demolition work or permanent features are assumed not to be disturbed. It will be the contractor's responsibility to indicate on the plans any of these areas that do get disturbed as well as any areas used for staging and materials storage.

- **Locations of Controls:** It will be the contractor's responsibility to indicate the location of controls on the plans that are used during construction.

- **Areas to be Stabilized:** Plans call for all disturbed areas to be sodded or seeded. It will be the contractor's responsibility to indicate the location on the plans of all temporary stabilization practices used during construction.

- **Surface Waters:** Heron Bayou is adjacent to the site.

- **Discharge Points:** The proposed drainage improvements discharge into the Heron Bayou.

2.6 Receiving Waters:

This project eventually discharges into Perdido Bay.

3.0 CONTROLS:

3.1 Erosion and Sediment Controls:

All erosion and sediment controls specified on these plans (limits of soil erosion and sedimentation control measures) shall be installed prior to any construction or demolition. Silt fencing and staked hay bales shall be installed along down-gradient limits to protect existing drainage structures and/or drainage systems from erosion and sedimentation.

Temporary seeding and mulching shall be applied after 14-day intervals of ceased disturbance activities that will exceed 20-day periods. Graded areas shall be stabilized with permanent seeding, mulching, and fertilizing, or sodding within five days of final grading. All grassing shall be accomplished between April 1st and August 1st. Landscaping, including sodding, shall be installed by an experienced Landscape Contractor. Proposed disturbed areas will not exceed 10 acres in any drainage area. See Sheet 15 for additional information.

3.2 Stormwater Management:

No stormwater management facility will be required for this project. This project is exempt from stormwater treatment requirements of the Florida Department of Environmental Protection (FDEP), General Stormwater Permit specified by Rule 62-25.801, Florida Administrative Code (FAC) and any requirements by the local governmental authority.

3.3 Other Controls:

Waste Disposal: The contractor is responsible for all waste disposal from the site. The contractor shall employ waste disposal practices that meet all local, state, and federal guidelines and prevent discharge of solid materials to waters of the United States. The Contractor is responsible for documenting this portion of the SWPPP.

Offsite Vehicle Tracking: If off site tracking of sediments by construction vehicles occurs, the contractor is required to install a Soil Tracking Prevention Device (STPD) as per FDOT Standard Index 106 at all exits to the site where sediment tracking is occurring. The Contractor is also responsible for documenting this portion of the SWPPP.

4.0 MAINTENANCE:

Controls shall be kept in full operating condition throughout all phases of construction until all disturbed areas are completely stabilized. Maintenance, repair records and repair requests shall be documented. Repairs and deficiencies shall be completed as soon as possible and within seven days after inspection. Any required changes that are not covered in the SWPPP shall also be made as soon as possible within seven days and documented.

5.0 INSPECTIONS:

Qualified personnel shall inspect the following items, but not limited to, at least once every seven calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater. Where sites have been finally stabilized, inspections shall be conducted at least once every week.

- Points of discharge to waters of the United States.
- Points of discharge to municipal separate storm sewer systems.
- Disturbed areas of the site that have not been finally stabilized.
- Areas used for storage of materials that are exposed to precipitation.
- Structural controls.
- Stormwater management systems.
- Locations where vehicles enter or exit the site.

6.0 NON-STORMWATER DISCHARGES:

The Contractor shall be responsible for reporting any hazardous substance spills that may equal or exceed a Reportable Quantity (RQ). Refer to EPA's List of Hazardous Substances and Reportable Quantities (EPA 40 CFR 302.4 & 117). This list can be obtained from EPA's website (www.epa.gov) or by contacting EPA. If an RQ release does occur the Contractor shall perform the following procedures:

- Notify the National Response Center immediately at 800-424-8802.
- Provide written description of the release within 14 days providing dates, cause and prevention methods to the regional EPA office.
- Modify the SWPPP as necessary to address added prevention methods.

7.0 IMPLEMENTATION CHECKLIST:

7.1 Records:

The Contractor shall maintain records of construction activities including, but not limited to:

- Dates when major grading activities occur.
- Dates when construction activities temporarily cease on a portion of the site.
- Dates when construction activities permanently cease on a portion of the site.
- Dates when stabilization measures are initiated on the site.

7.2 Inspection Reports:

The Contractor shall prepare inspection reports summarizing the following, but not limited to:

- Name of inspector.
- Qualifications of inspector.
- Measures/areas inspected.
- Observed conditions.
- Changes necessary to the SWPPP.

7.3 Releases of Reportable Quantities of Oil or Hazardous Materials:

The Contractor shall report any releases of reportable quantities of oil or hazardous materials if they occur as per the measures outlined in Section 6.0 of the SWPPP.

7.4 SWPPP Modification:


The Contractor shall modify the SWPPP as necessary to:

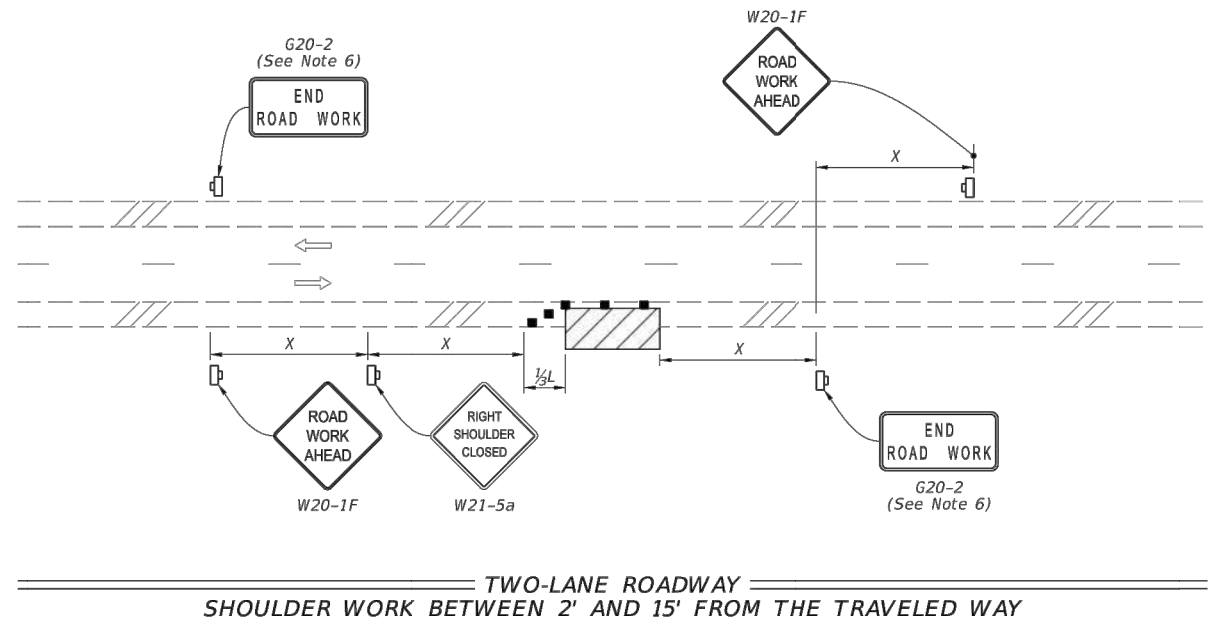
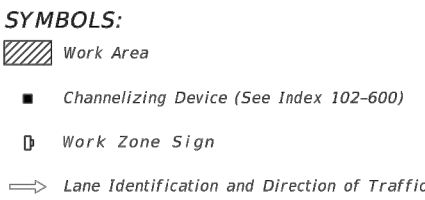
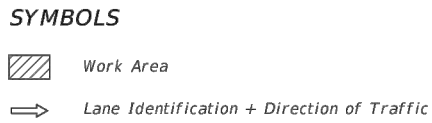
- Comply with minimum permit requirements when notified by FDEP that the plan does not comply.
- Address any changes in design, construction operations or maintenance, which has an effect on the potential for discharge of pollutants.
- Prevent reoccurrence of reportable quantity releases of hazardous material or oil.


8.0 TERMINATION CHECKLIST:

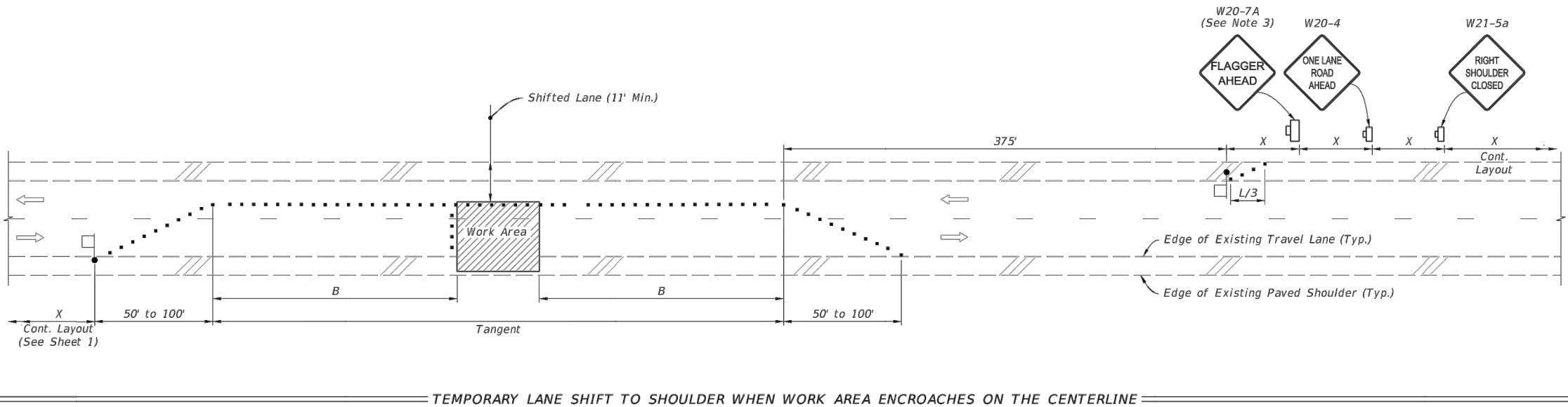
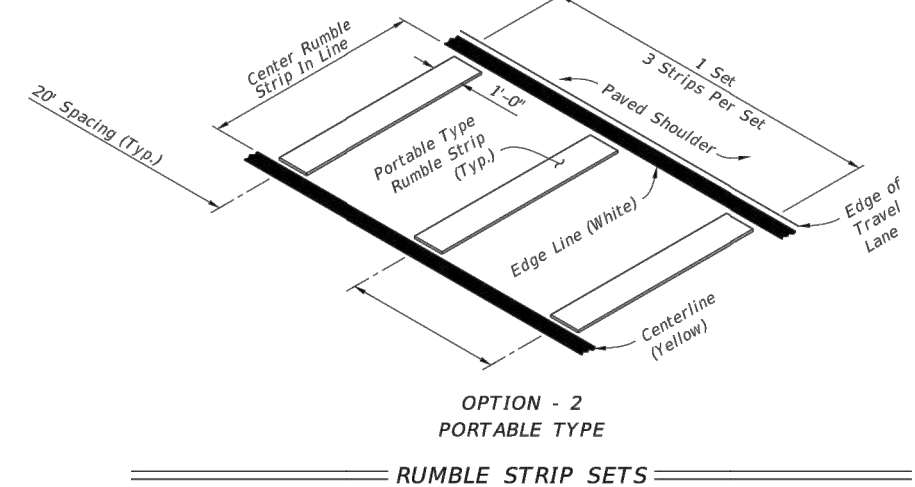
The following items shall be complete before submitting the NOT:


- All soil disturbing activities are complete.
- Temporary erosion and sediment control measures have been removed or will be removed at an appropriate time.
- All areas of the construction site not otherwise covered by permanent pavement or structure have been stabilized with uniform perennial vegetative cover with a density of 70% or equivalent measures have been employed.

Rev	Date	Drawn	Description	Ch'k'd	App'd
		Mott MacDonald Florida, LLC. 220 West Garden Street Suite 700 Pensacola, FL 32502 United States of America T +1 (850) 484 6011 www.mottmac.com/americas			
Architects		Engineers		Surveyors	
AA - C0000035		EB - 0000155		LB - 0006783	
Client					
Escambia County Board of County Commissioners					
Title					
Perdido Bay Boat Ramp					
STORMWATER POLLUTION PREVENTION PLAN					
ISSUED FOR PERMIT					
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Project Number		B/O		Total	
368117		36		50	
Designed	S. WHITE		Eng check		
Drawn	C. RILEY		Coordination	S. WHITE	
Dwg check			Approved		
Scale at ANSI D		Status	Rev	Security	
		PRE	A	STD	
Drawing Number					
C-036					



LAST REVISION 11/01/20	DESCRIPTION:	 FY 2021-22 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 2
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LAST REVISION 11/01/20	DESCRIPTION:	 FY 2021-22 STANDARD PLANS	TWO-LANE, TWO-WAY WORK WITHIN THE TRAVEL WAY	INDEX 102-603	SHEET 2 of 2
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Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client
Escambia County
Board of County Commissioners

Title
Perdido Bay Boat Ramp
MOT DETAILS

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Designed S. WHITE				Eng check			
Drawn C. RILEY				Coordination S. WHITE			
Dwg check				Approved			
Scale at ANSI D NTS		Status PRE		Rev A		Security STD	
Drawing Number							

C-037

10/16/2017	7:48:58 AM
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DESCRIPTION:



TURNOUTS AND DRIVEWAYS

INDEX
000-515



1. Auxiliary lane pavements and crossover pavements shall be maintained by the Department.
2. Department maintenance of turnout pavement extends 5' from edge of the travel way or to the edge of paved shoulder, whichever is greater. The remainder of any turnout paved area on the right of way shall be maintained by the owner or his authorized agent. As a function of resurfaced two-lane shoulders, the Department may grade and shape existing material on improved areas beyond the maintenance segment.
3. Control and maintenance of drainage facilities within the right of way shall be solely the responsibility of the Department, unless specified differently by Department permit.
4. The maintenance and operation of highway lighting, traffic signals, associated equipment, and other necessary devices shall be the responsibility of a public agency.
5. All pavement markings on the State highways, including acceleration and deceleration lane markings, shall be installed for the operation of the State highway shall be maintained by the Department.
6. All signaling and marking installed for the operation of the connection (such as stop bars and stop signs for the connection) shall be the responsibility of the permittee.

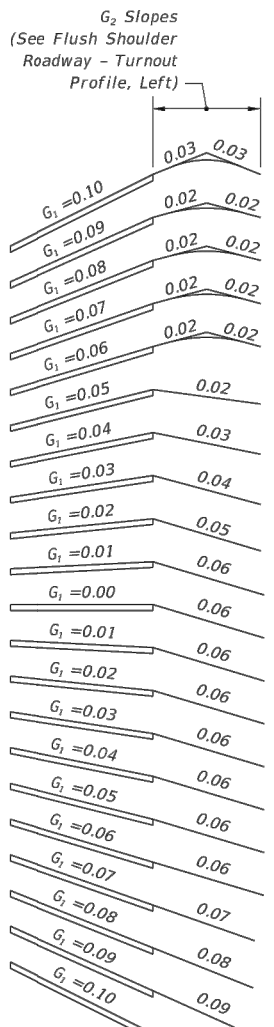
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C-038



ROADWAY PAVEMENT SLOPES AND SLOPES OF ABUTTING FLUSH SHOULDER ROADWAY TURNOUT SURFACES (G_2)

TURNOUT PROFILES

LAST REVISION 11/01/17	REVISION	DESCRIPTION:
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TURNOUTS AND DRIVEWAYS

INDEX
000-515

7 of 7

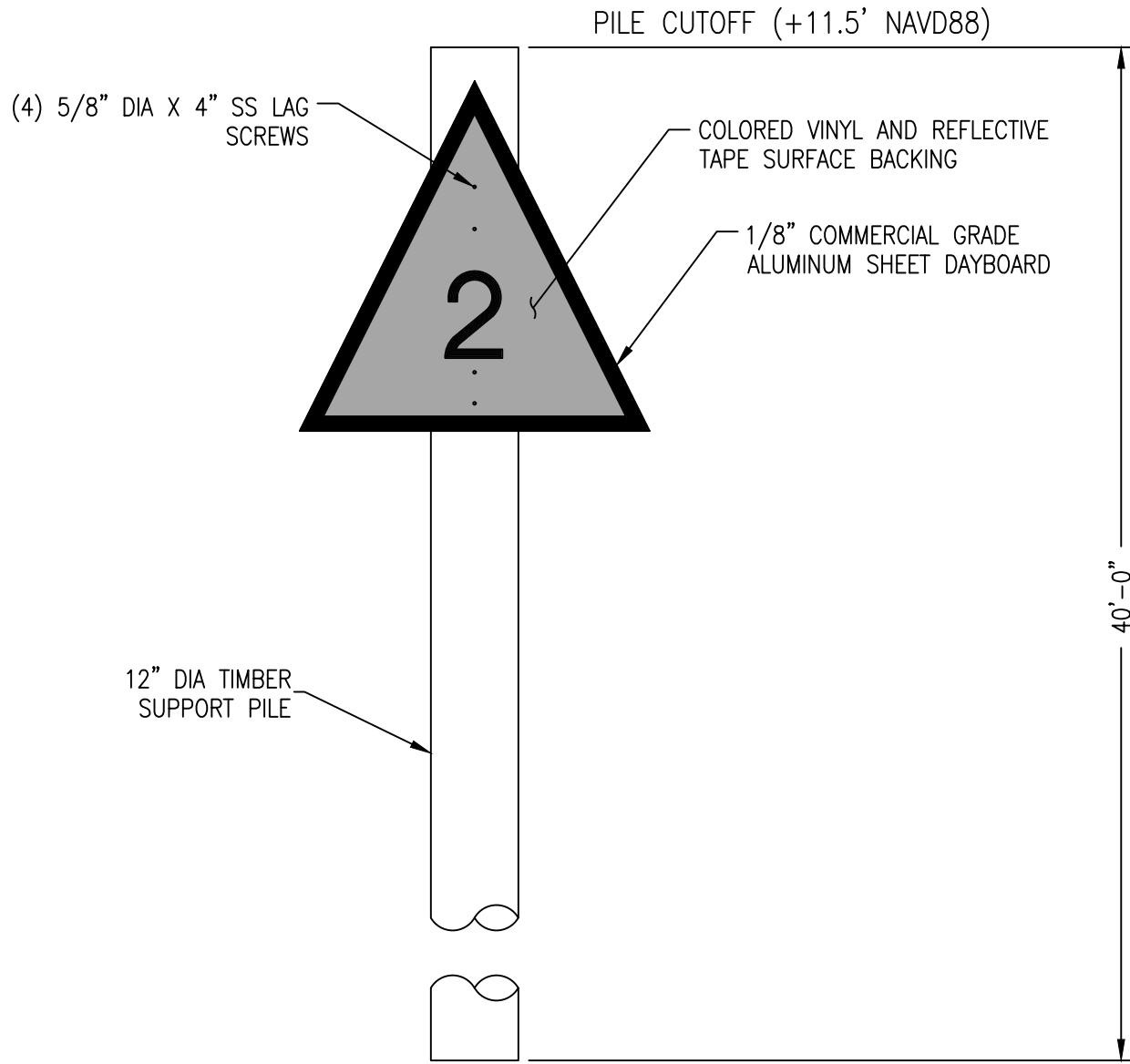
GENERAL NOTES:

DAYBOARDS:

- REFER TO ACCESS CHANNEL SHTS C-021 THRU C-025 FOR NUMBER AND LOCATION OF PILES & DAYBOARDS.
- EACH MARKER PILE SHALL HAVE THE DESIGNATED DAYBOARD NAVIGATION SIGN.
- ALL DAYBOARD SIGNS SHALL BE 1/8"COMMERCIAL GRADE ALUMINUM SHEET.
- BOTTOM OF ALL DAYBOARD SIGNS SHALL BE POSITIONED FIVE (5) FEET ABOVE MHW (MHW=0.78' NAVD 88)

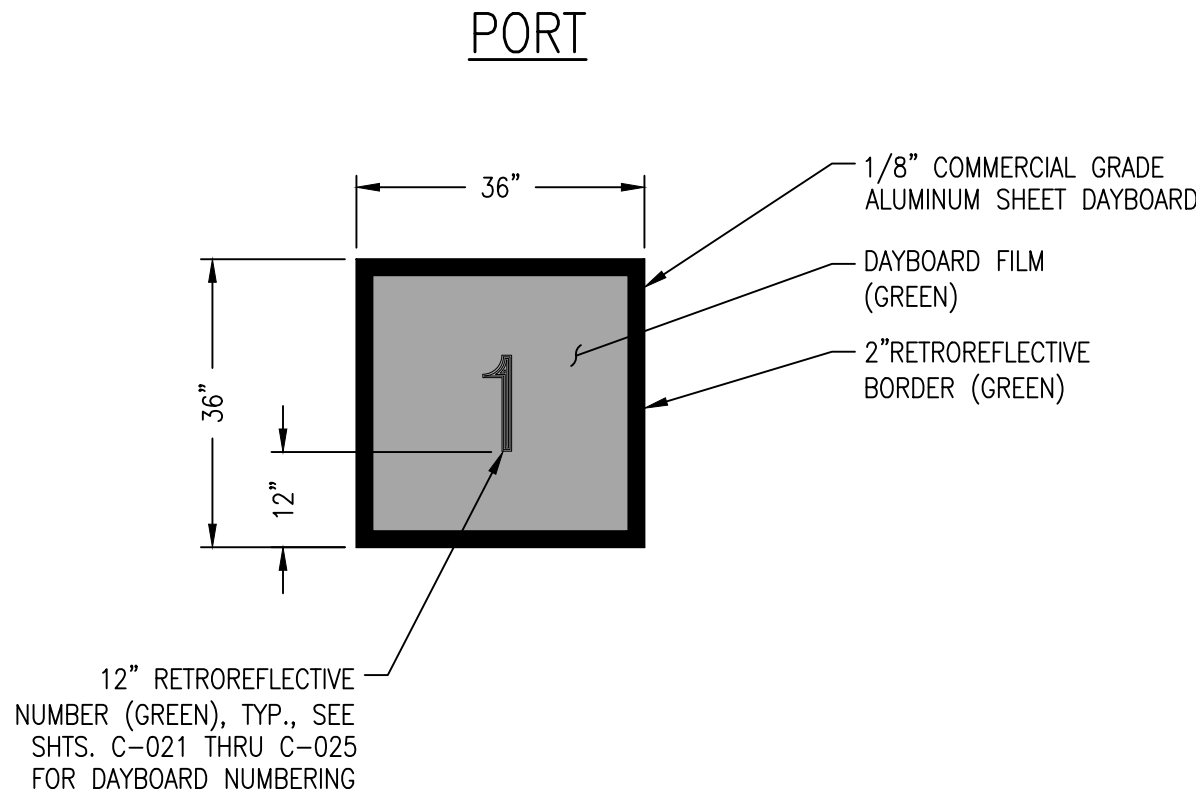
TIMBER PILES:

- PILES SHALL BE CUT FROM SOUTHERN PINE IN ACCORDANCE WITH ASTM D25 WITH THE FOLLOWING DIAMETERS:
12" INDICATES 12" DIAMETER BUTT MIN.
- PROTECT PILE HEADS USING CAPS, COLLARS OR SHOES AS REQUIRED DURING DRIVING TO DISTRIBUTE THE LOAD.
- HAMMER SLOW OVER THE ENTIRE PILE CROSS-SECTION AND PREVENT SPLITTING AND BROOMING.
- SAW OFF THE TOPS OF ALL TIMBER PILES AT THE ELEVATION INDICATED IN TECHNICAL PLANS. USE ACTUAL PILE CAP DIMENSIONS TO DETERMINE THE REQUIRED PILE CUT-OFF ELEVATION.
- THE FINAL POSITION OF THE PILE HEAD AT CUT-OFF ELEVATION SHALL BE NO MORE THAN 3"FROM THE PLAN POSITION INDICATED IN THE PLANS.
- THE AXIAL ALIGNMENT OF THE DRIVEN PILES SHALL NOT DEVIATE MORE THAN .25"/FT FROM VERTICAL.
- PILES SHALL NOT BE MOVED Laterally AFTER DRIVING TO FORCE THEM TO BE WITHIN THE SPECIFIED TOLERANCE. PILES THAT ARE OUT OF TOLERANCE OR DAMAGED SHALL BE REMOVED. HOLE FILLING AND REDRIVING PROCEDURES SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER.
- TO THE EXTENT POSSIBLE, ALL WOOD SHALL BE CUT, DRILLED, AND COMPLETELY FABRICATED PRIOR TO PRESSURE TREATMENT. WHEN FIELD FABRICATION OF WOOD IS REQUIRED OR IF WOOD IS DAMAGED, ALL CUTS, BORE HOLES, AND DAMAGE SHALL BE IMMEDIATELY FIELD TREATED WITH WOOD PRESERVATIVE IN ACCORDANCE WITH AWP standards.
- ALL PILES SHALL BE PRESSURE TREATED WITH CCA AT THE RATE OF 0.8 LBS/CU FT.
- ALL LUMBER SHALL BE TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF AWP standards AND ASTM D1760.
- TREATED MATERIAL SHALL BE FREE OF EXCESS PRESERVATIVE ON THE WOOD SURFACE. THE TREATING PROCESS SHALL INCLUDE AN EXPANSION BATH, STEAMING, AND/OR DRIPPING TO ENSURE THAT PRESERVATIVE WILL NOT BLEED.
- TREATED WOOD SHALL BE INSPECTED AND CERTIFIED IN ACCORDANCE WITH AWP standards.



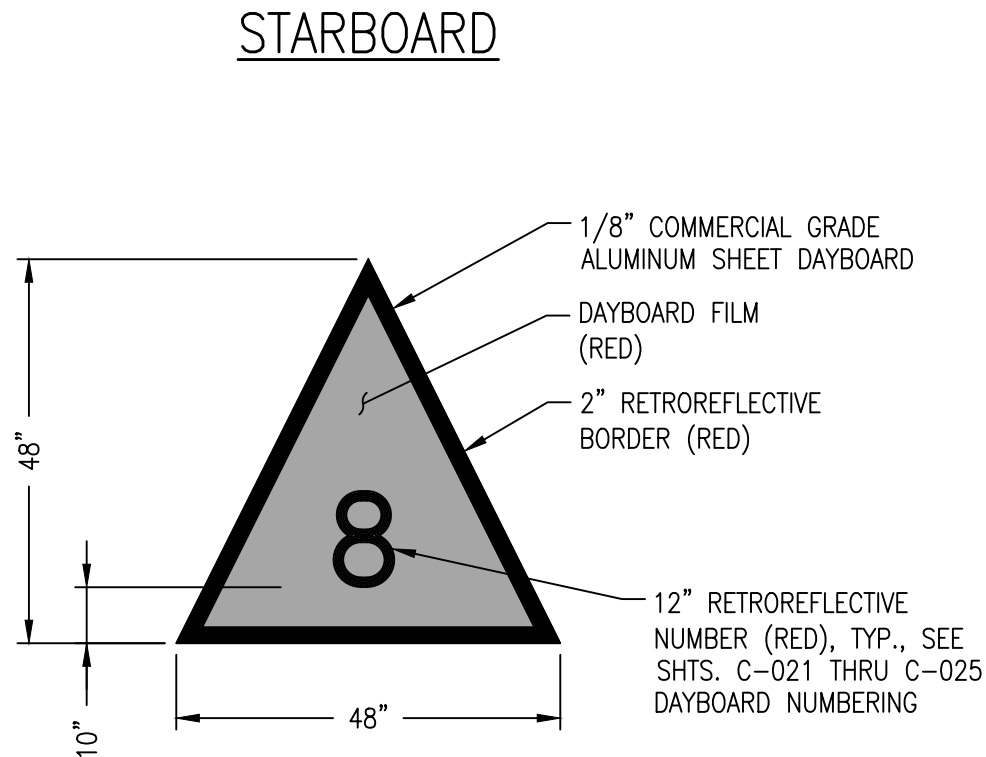
GENERAL USE STARBOARD
DAYBOARD MARKS (1 NM)

N.T.S.



GENERAL USE PORT & STARBOARD
DAYBOARD MARKS (1 NM)

N.T.S.



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M

M

MOTT
MACDONALD

Mott MacDonald Florida, LLC.
220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
T +1 (850) 484 6011
www.mottmac.com/americas

Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

Client

Escambia County
Board of County Commissioners

Title

Perdido Bay Boat Ramp

AIDS TO NAVIGATION DETAILS

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368117		39		50	
Designed	S. WHITE	Eng check			
Drawn	C. RILEY	Coordination		S. WHITE	
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				Security	
				STD	
Drawing Number					
C-039					

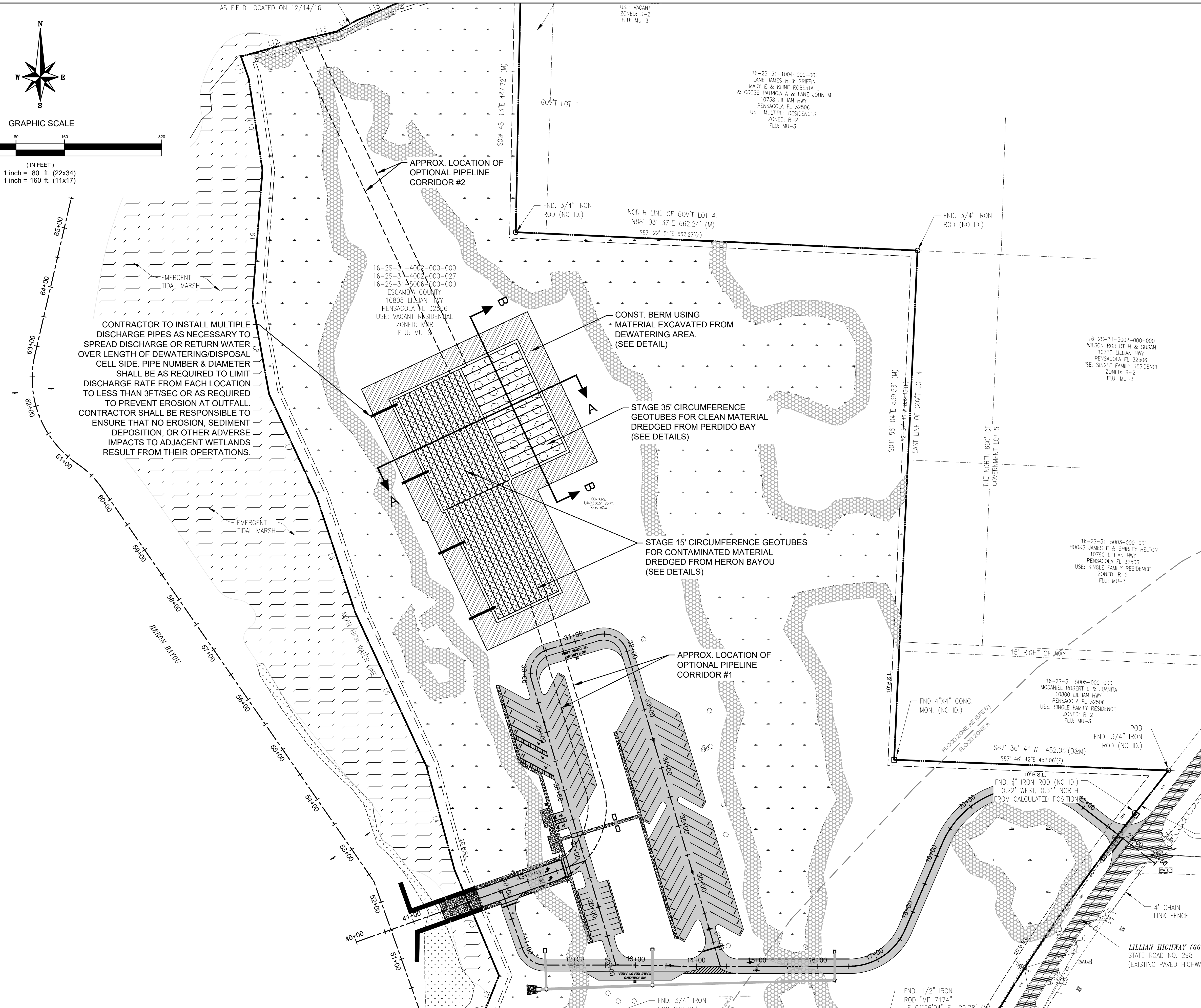
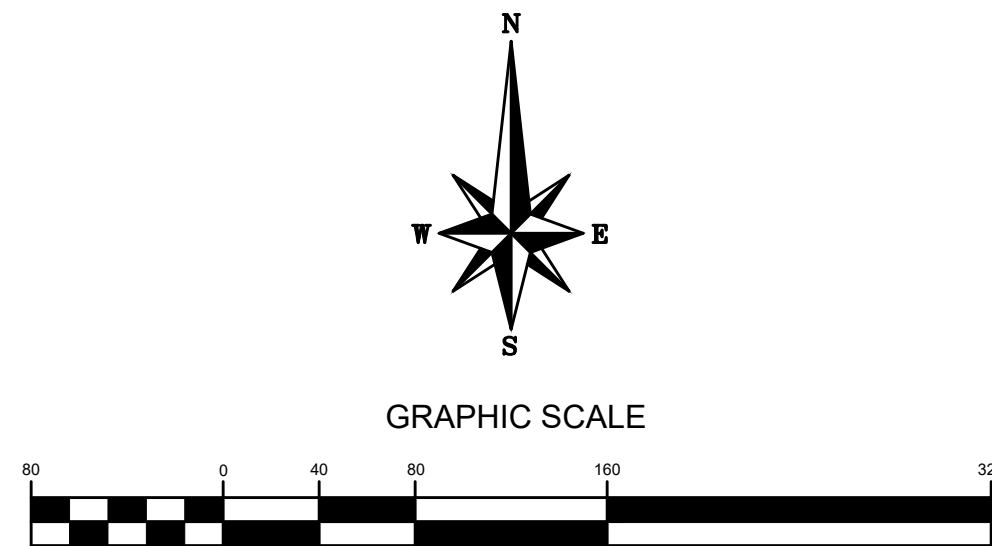
User Name: RL36259
Time Stamp: Nov 29, 2021 - 2:30:38PM

Drawing Name: C-040 Disposal Cell Layout Plan.dwg
Drawing Path: P:\088117 - eco perdido bay boat ramp\Drawings\Civil\cad drawings\Sheets\Plan Set

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LEGEND

- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONC. PAVEMENT
- ESCAMBIA COUNTY/FDEP 25' UPLAND BUFFER
- WETLAND
- EMERGENT TIDAL MARSH
- SUBMERGED AQUATIC VEGETATION (VALLISNERIA AMERICANA) DELINEATED BY WETLAND SCIENCES, INC 11/19/17

ESCAMBIA COUNTY/FDEP/USACE WETLAND JURISDICTION LINE (DELINEATED BY WETLAND SCIENCES, INC. 03/16/17)

PROPERTY LINE

NOTE:
ESCAMBIA COUNTY SHALL ARRANGE FOR A 100% LISTED, THREATENED & ENDANGERED SPECIES SURVEY OF THE UPLAND AREAS OF THE SITE TO BE CONDUCTED WITHIN 90 DAYS PRIOR TO ANY SITE DEVELOPMENT/DISTURBANCE ACTIVITIES. PROPER AGENCY PERMITS FOR ANY RELOCATION OF T&E SPECIES SHALL BE OBTAINED ACCORDINGLY.

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M
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MACDONALD

Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783

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220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
T +1 (850) 484 6011
www.mottmac.com/americas

Client
**Escambia County
Board of County Commissioners**

Title
Perdido Bay Boat Ramp

DISPOSAL CELL LAYOUT PLAN

ISSUED FOR PERMIT

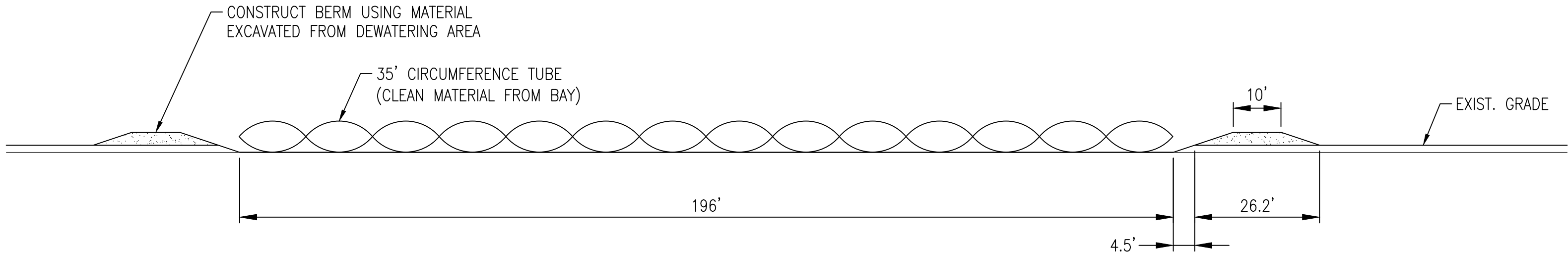
THIS DRAWING IS PART OF A DIGITALLY SIGNED AND SEALED SET OF DRAWINGS. IN ACCORDANCE WITH 61G15-23.004, F.A.C. PRINTED COPIES OF THIS DRAWING ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Project Number	368117	B/O	40	Total	50
Designed	S. WHITE	Eng check			
Drawn	C. RILEY	Coordination	S. WHITE		
Dwg check		Approved			
Scale at ANSI D	1:80	Status	PRE	Rev	A
Drawing Number				Security	STD

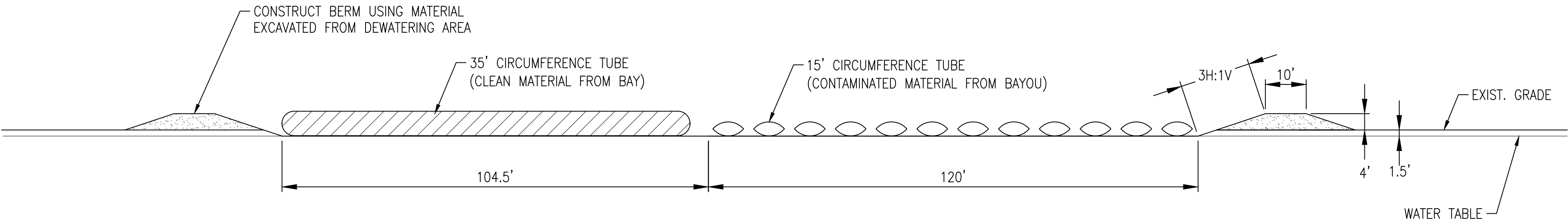
C-040

GENERAL NOTES/SEQUENCE OF CONSTRUCTION:

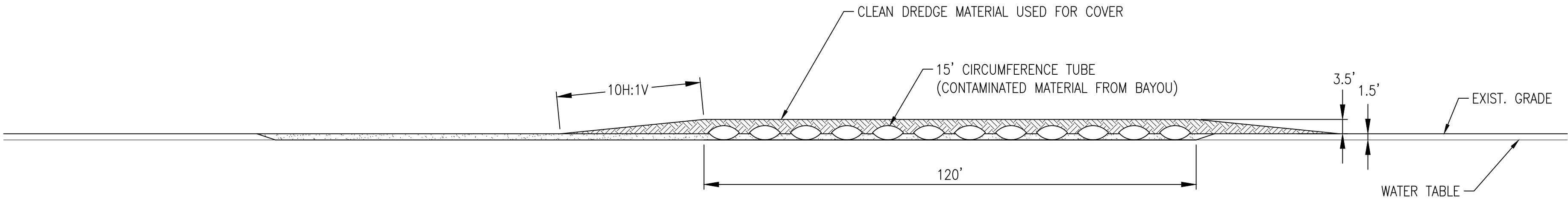
1. EXCAVATION OF GEOTEXTILE TUBE DEWATERING AREA AND STOCKPILING OF MATERIAL ALONG PERIMETER.
2. SLOPE DEWATERING AREA AS NECESSARY TO DRAIN TOWARDS CULVERT AND WEIR STRUCTURE
3. INSTALLATION OF DRAINAGE CULVERT AND WEIR BOX STRUCTURE CULVERT AND WEIR BOX STRUCTURE SHALL BE OF SUFFICIENT SIZE TO ALLOW PROPER DRAINAGE OF THE PLACEMENT AREA AND HAVE A MAXIMUM OUTFALL VELOCITY OF 3 ft/s.
4. STAGE 35' CIRCUMFERENCE TUBES FOR DEWATERING OF CLEAN MATERIAL.
5. COMMENCE DREDGING CLEAN MATERIAL AND FILLING GEOTEXTILE TUBES
6. BEFORE REACHING CONTAMINATED MATERIAL, BEGIN STAGING 15' GEOTEXTILE TUBES FOR CONTAMINATED MATERIAL.
7. BEGIN DREDGING CONTAMINATED MATERIAL AND FILLING OF GEOTEXTILE TUBES.
8. ONCE DREDGING IS COMPLETE, CUT OPEN CLEAN MATERIAL GEOTEXTILE TUBES AND REMOVE GEOTEXTILE.
9. REMOVE CULVERT AND WEIR BOX.
10. COVER CONTAMINATED TUBES AND DEWATERING AREA WITH CLEAN DREDGE AND STOCKPILE MATERIAL TO THE LINES AND GRADES SPECIFIED.
11. BEGIN HYDROSEEDING AND TREE PLANTING OVER GRADED AREA TO HELP MITIGATE EFFECTS OF EROSION.



SECTION B~B - DEWATERING AREA
N.T.S.



SECTION A~A - DEWATERING AREA
N.T.S.



CAPPED DEWATERING AREA
N.T.S.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Mott MacDonald Florida, LLC.
220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
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Board of County Commissioners**

Title
Perdido Bay Boat Ramp

DISPOSAL CELL DETAILS

ISSUED FOR PERMIT

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Project Number 368117		B/O 41	Total 50	
Designed S. WHITE	Eng check			
Drawn C. RILEY	Coordination		S. WHITE	
Dwg check		Approved		
Scale at ANSI D NTS	Status PRE	Rev A	Security STD	

Drawing Number
C-041

User Name: RU 36259
Time Stamp: Nov 29, 2021 - 2:30:43PM
Drawing Name: C-041 Disposal Cell Details.dwg
Drawing Path: P:\088117 - esco perdido bay boat ramp\Drawings\Civil\cd drawings\Sheets\Plan Set\



Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client

Escambia County
Board of County Commissioners

Title	Perdido Bay Boat Ramp
	POND SECTIONS

ISSUED FOR PERMIT

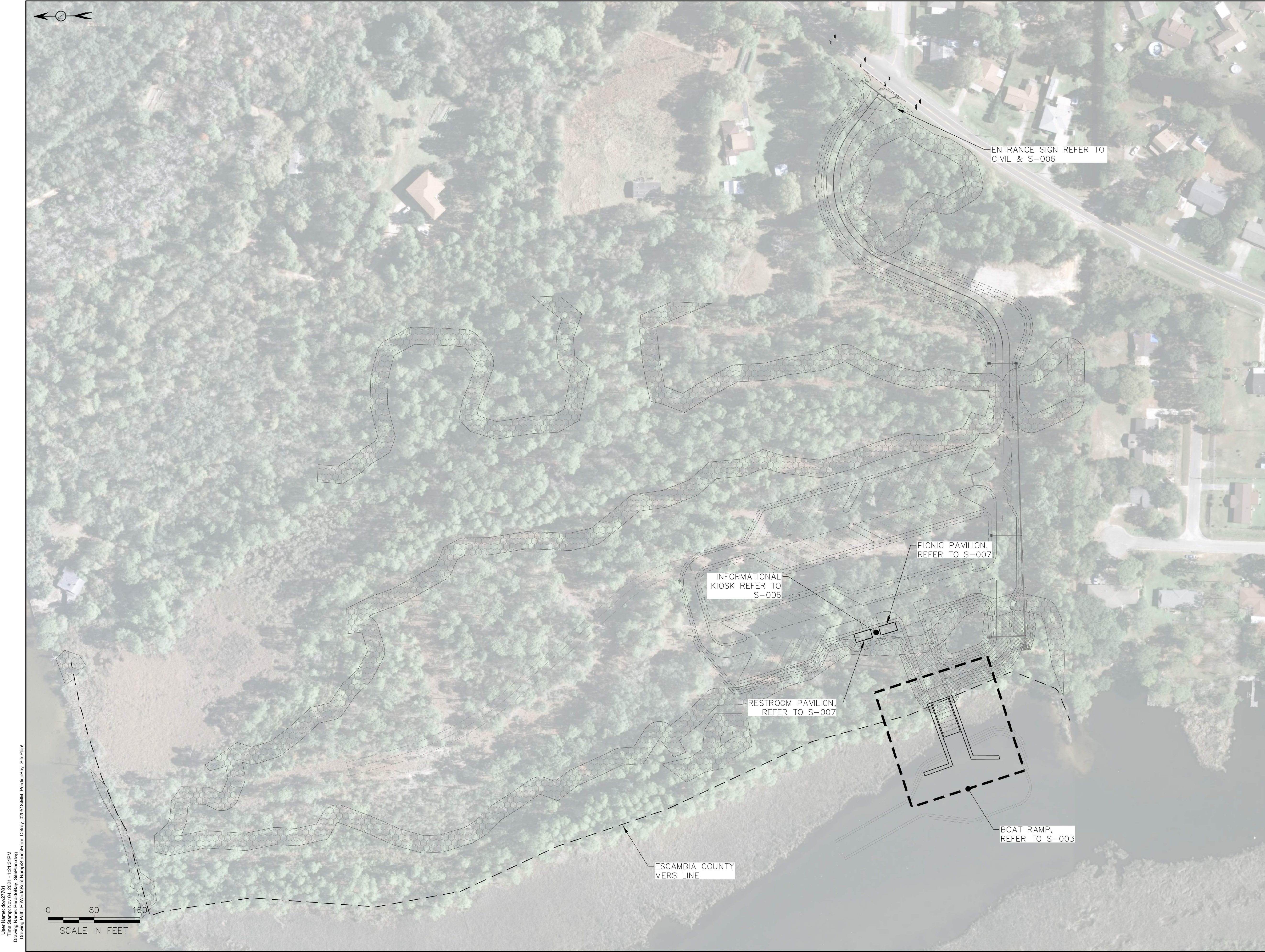
THIS DRAWING IS PART OF A DIGITALLY SIGNED AND SEALED SET OF DRAWINGS. IN ACCORDANCE WITH 61G15-23.004, F.A.C. PRINTED COPIES OF THIS DRAWING ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Project Number 368117			B/O 42		Total 50		
Designed S. WHITE			Eng check				
Drawn C. RILEY			Coordination		S. WHITE		
Dwg check			Approved				
Scale of ANSI D NTS		Status PRE		Rev A		Security STD	

Drawing Number

C-042

Drawing Number	S-001
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User Name: dms27781
Time Stamp: Nov 04, 2021 - 1:21:31PM
Drawing Name: PerdidoBay_SitePlan.dwg
Drawing Path: E:\Work\Boat Ramp\StrudFrom_Dairy_020518\MM_PerdidoBay_SitePlan

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Suite 700
Pensacola, FL 32502
United States of America
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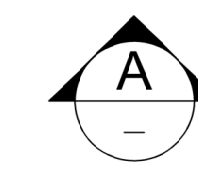
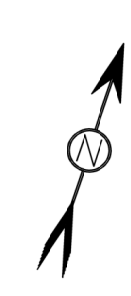
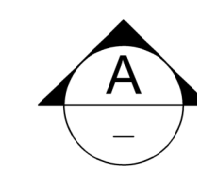
Title
Perdido Bay Boat Ramp

STRUCTURE INDEX PLAN

**ISSUED FOR PERMIT
NOVEMBER 3, 2021
NOT FOR CONSTRUCTION**

Project Number 368117		B/O 24	Total 00
Designed L.DENTY		Eng check	
Drawn S.KINNINGHAM		Coordination	
Dwg check A.REZA		Approved	
Scale at ANSI D	Status	Rev	Security

Drawing Number
S-002



A scale bar labeled "SCALE IN FEET" with markings at 0, 8, and 16 feet. The bar is divided into segments of 4 feet each, with alternating black and white segments.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Escambia County
Board of County Commissioners

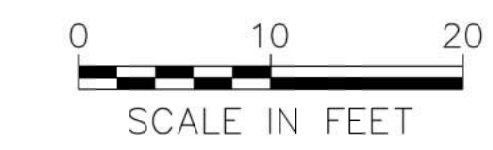
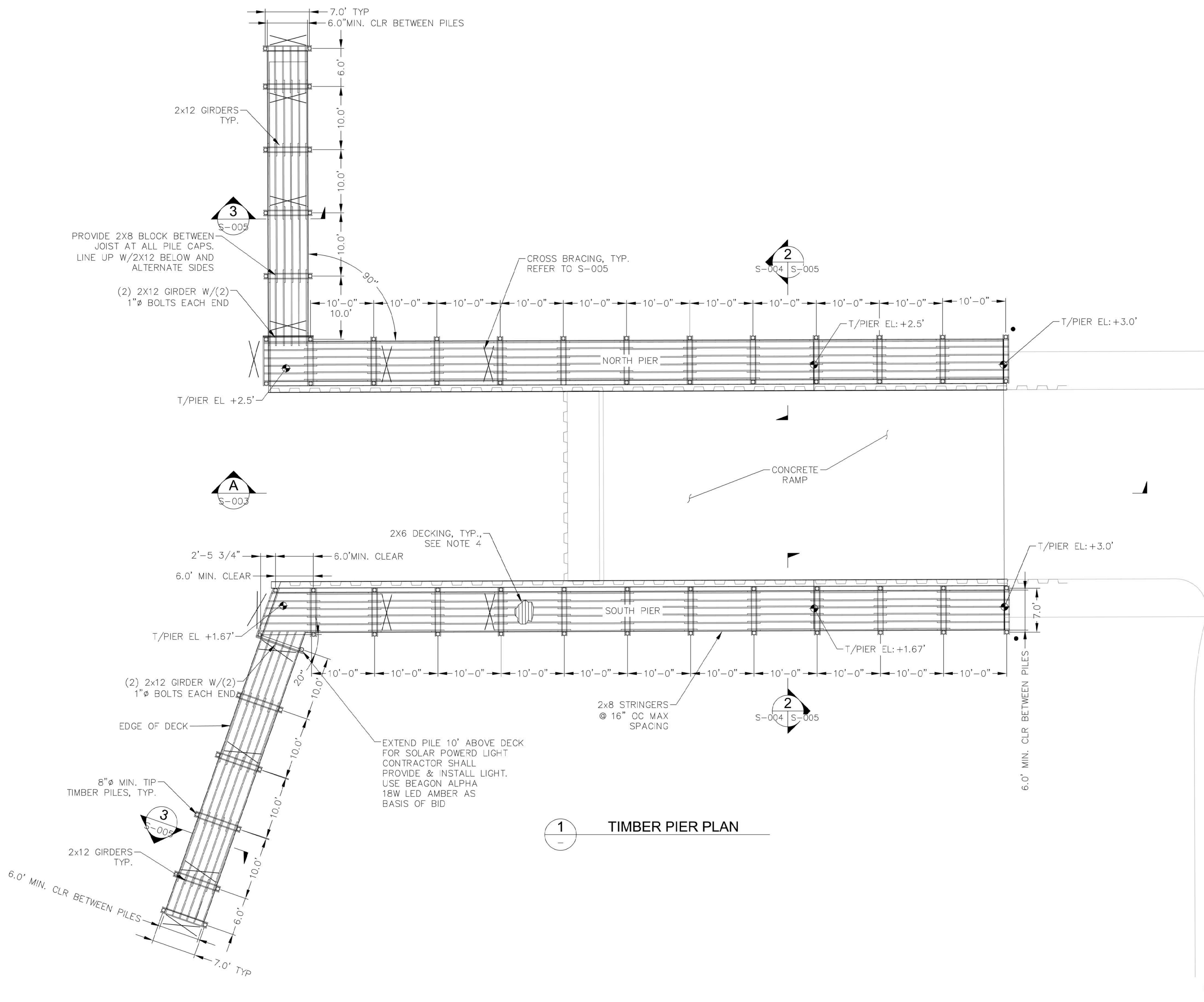
BOAT RAMP

ISSUED FOR PERMIT
NOVEMBER 3, 2021
NOT FOR CONSTRUCTION

Drawing Number				
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S-003

User Name: dmc27781
Time Stamp: Nov 04, 2021 - 11:34:08AM
Drawing Name: PerdidoBay_BoatRamp.dwg
Drawing Path: E:\Work\Boat Ramps\ShedFrom_Dairy_020519\MM_PerdidoBay_BoatRamp\



NOTES

1. ALL TIMBER SHALL BE PRESSURE TREATED. REFER TO GENERAL NOTES.
2. ALL FASTENERS SHALL BE STAINLESS STEEL. REFER TO GENERAL NOTES.
3. ATTACH DECK WITH SS SCREWS OR SS RING SHANK NAILS.
4. MAX PERMANENT SPACE BETWEEN DECKING SHALL BE 1/2".
5. ALL 2x12 GIRDERS SHALL BE PRESSURE TREATED SOUTHERN PINE NO. 1 DENSE.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Suite 700
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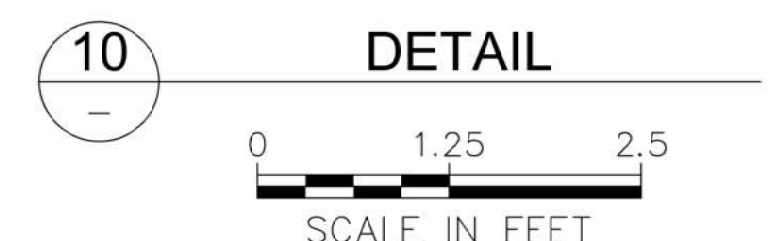
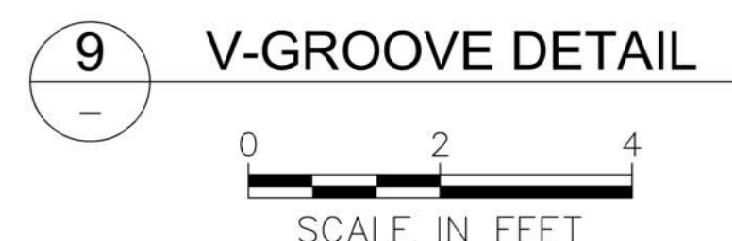
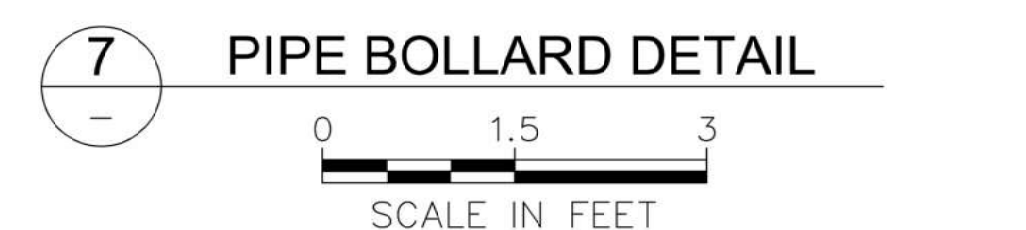
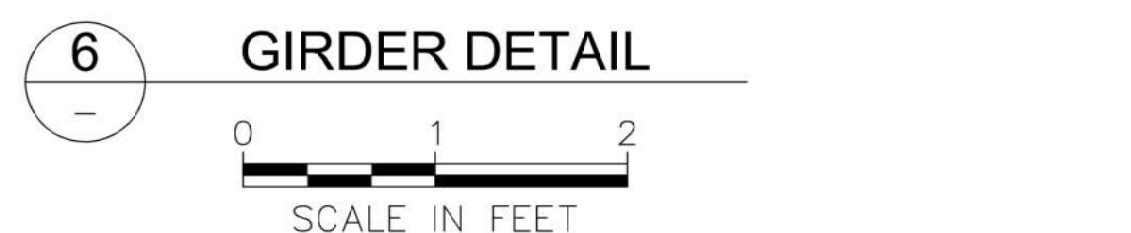
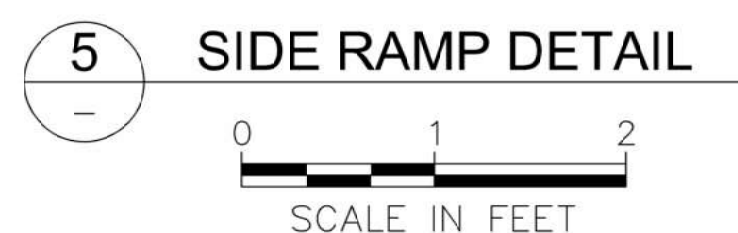
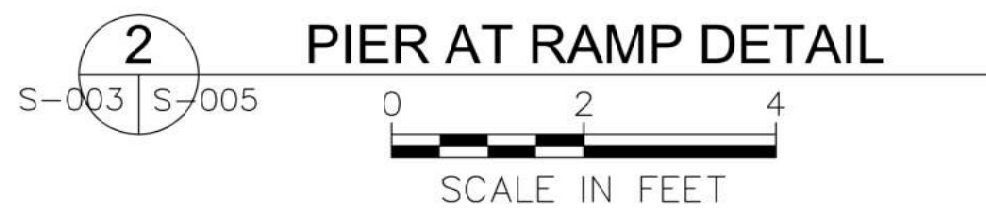
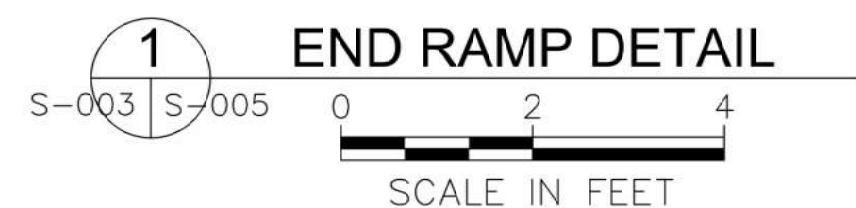
Title
Perdido Bay Boat Ramp

WOODEN PIER LAYOUT

**ISSUED FOR PERMIT
NOVEMBER 3, 2021
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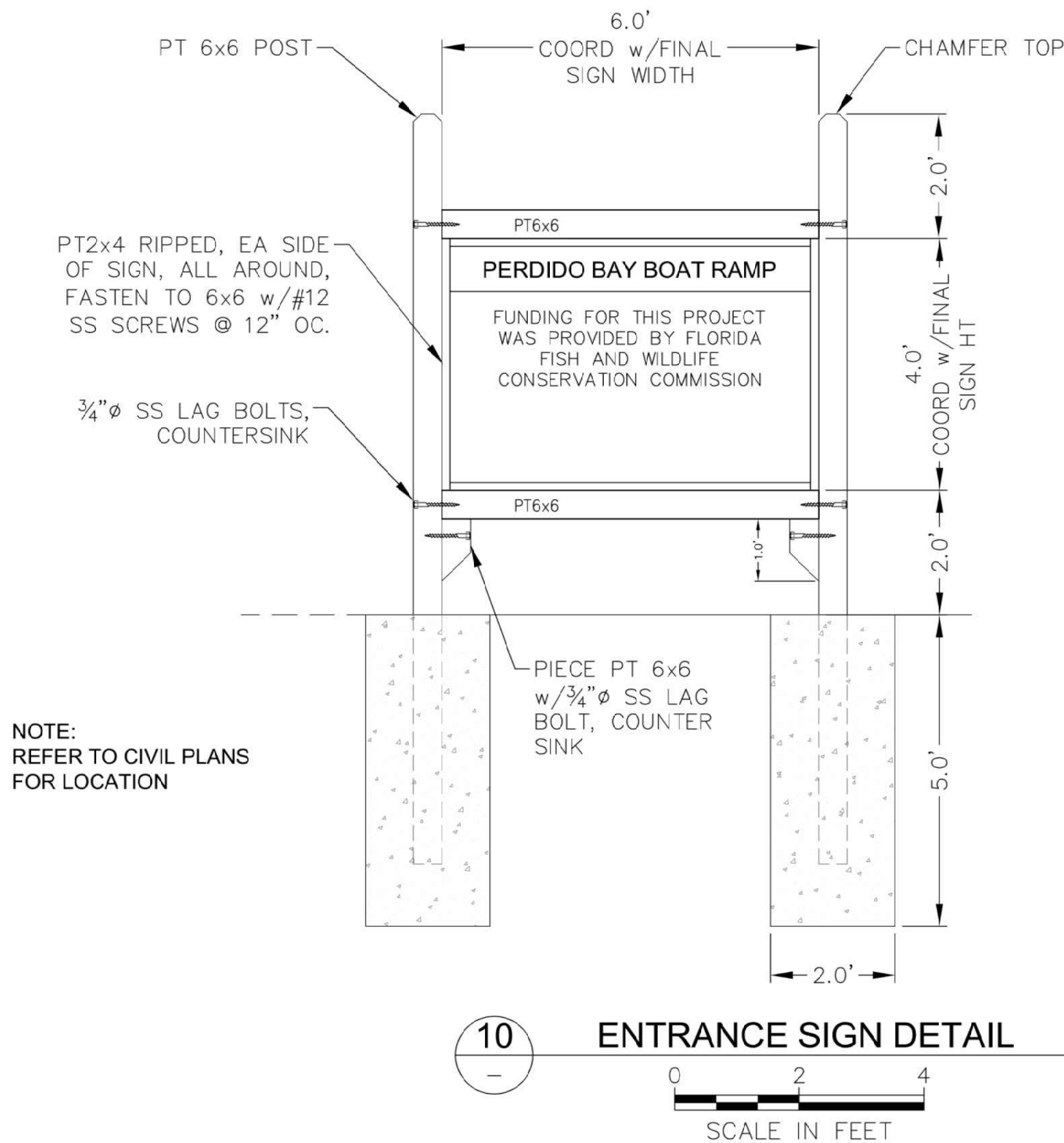
Project Number 368117		B/O 26	Total 00
Designed L.DENTY		Eng check	
Drawn S.KINNINGHAM		Coordination	
Dwg check A.REZA		Approved	
Scale at ANSI D	Status	Rev	Security

Drawing Number
S-004

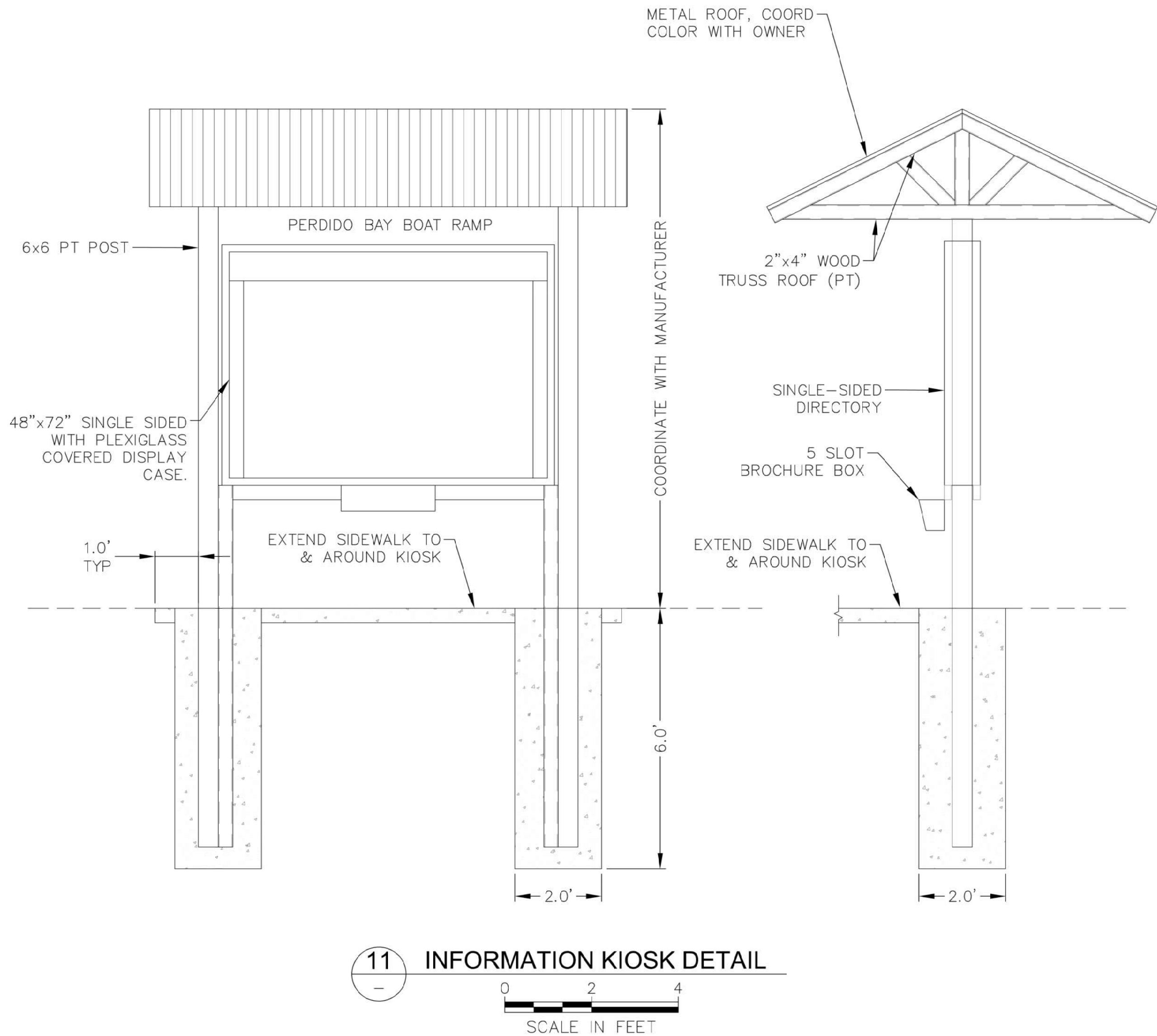


Drawing Number	S-005
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Drawing Name: PerdidoBay_BoatRamp.dwg
Drawing Path: E:\Work\Boat Ramp\Struct\From_Dairy_020519\MM_PerdidoBay_BoatRamp1



- NOTES
1. PROVIDE DOUBLE SIDED MAXMETAL SIGN BY COMPU-GRAPHICS, PHONE: 850-433-2455.
 2. COORDINATE FINAL WORDING AND LAYOUT w/OWNER PRIOR TO FABRICATION OR SIGN.
 3. SIGN SHALL HAVE MIN 3" BORDER CLEAR OF ANY LEATTERING AND GRAPHICS.



Rev	Date	Drawn	Description	Ch'k'd	App'd
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Pensacola, FL 32502
United States of America
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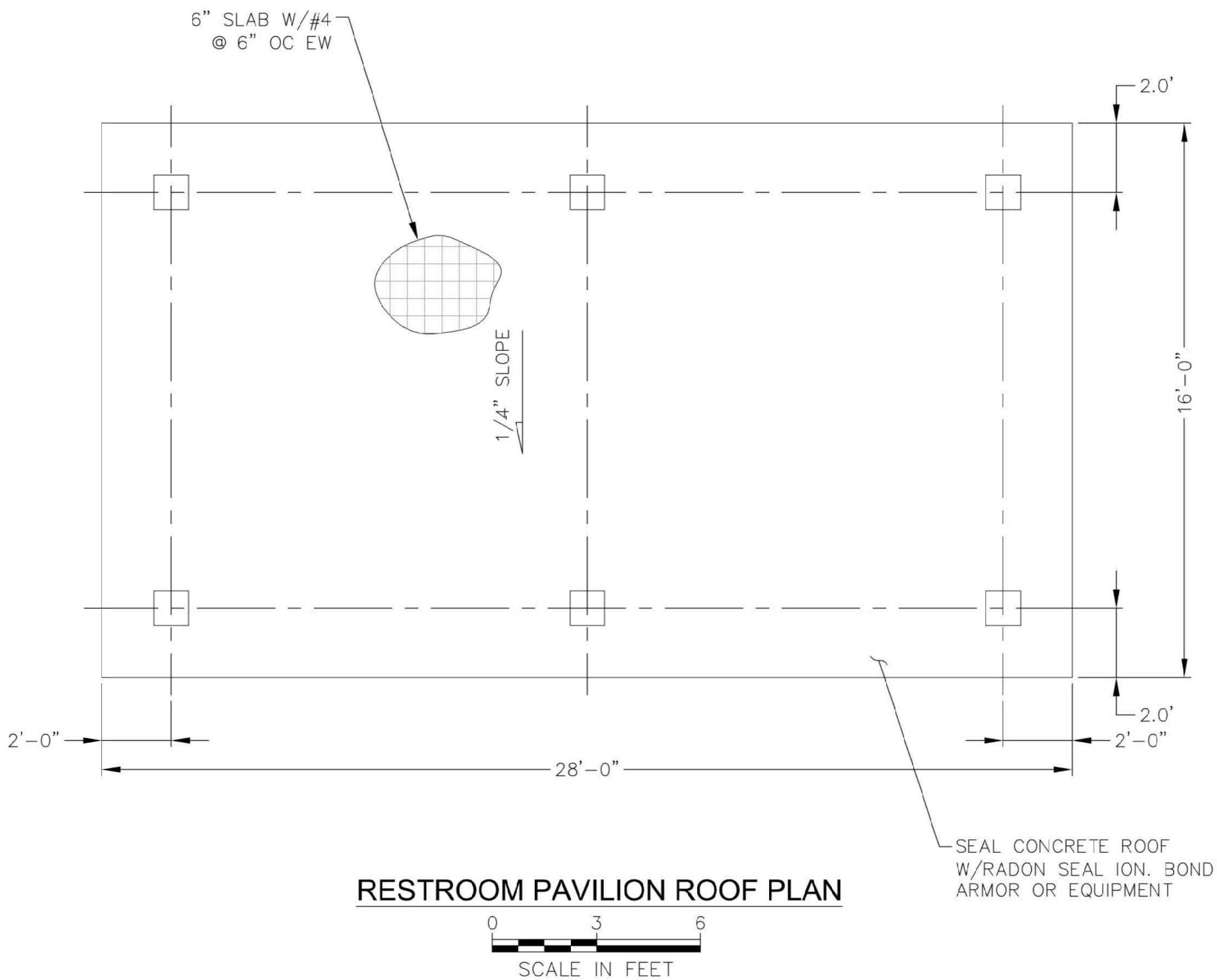
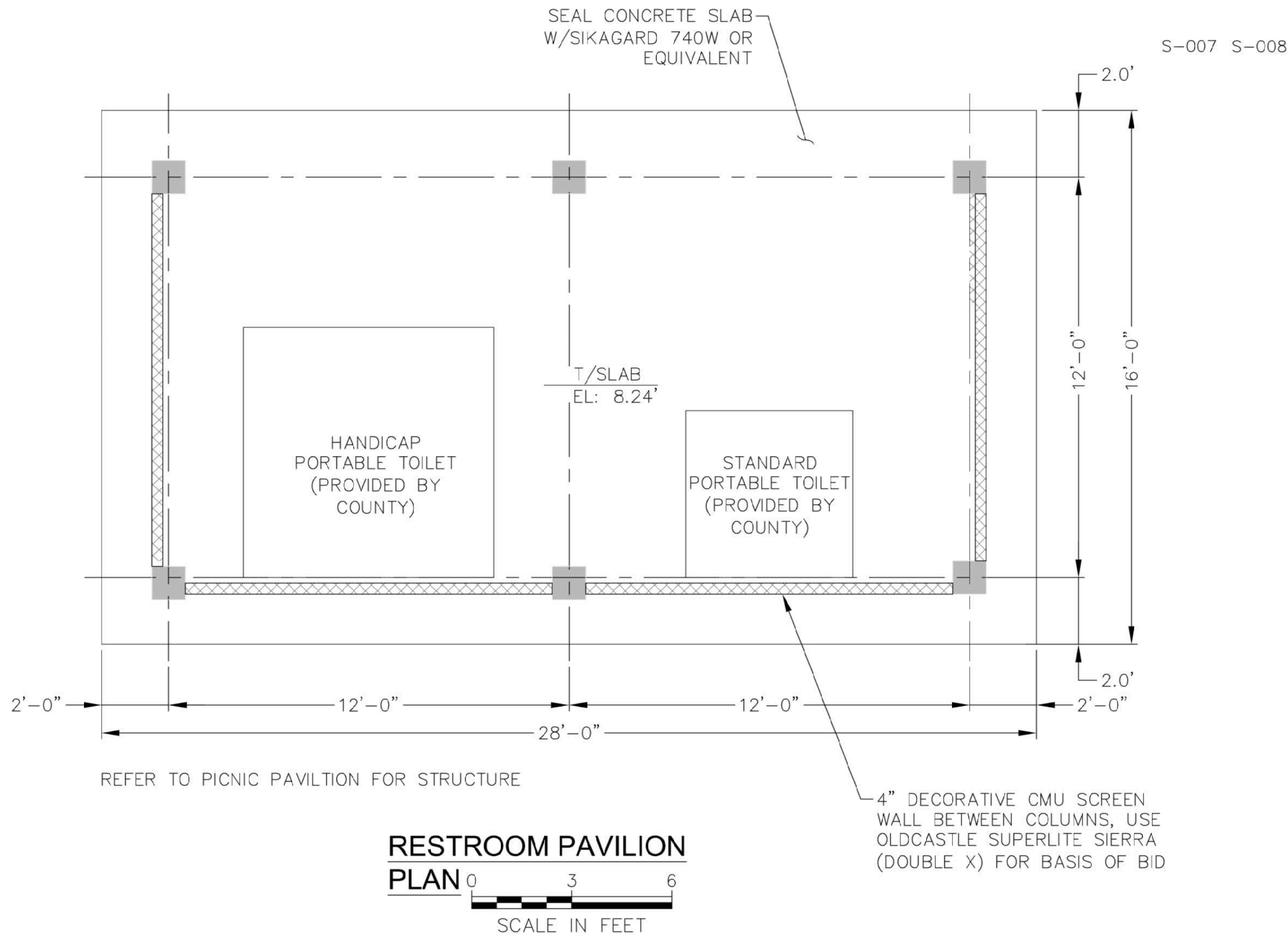
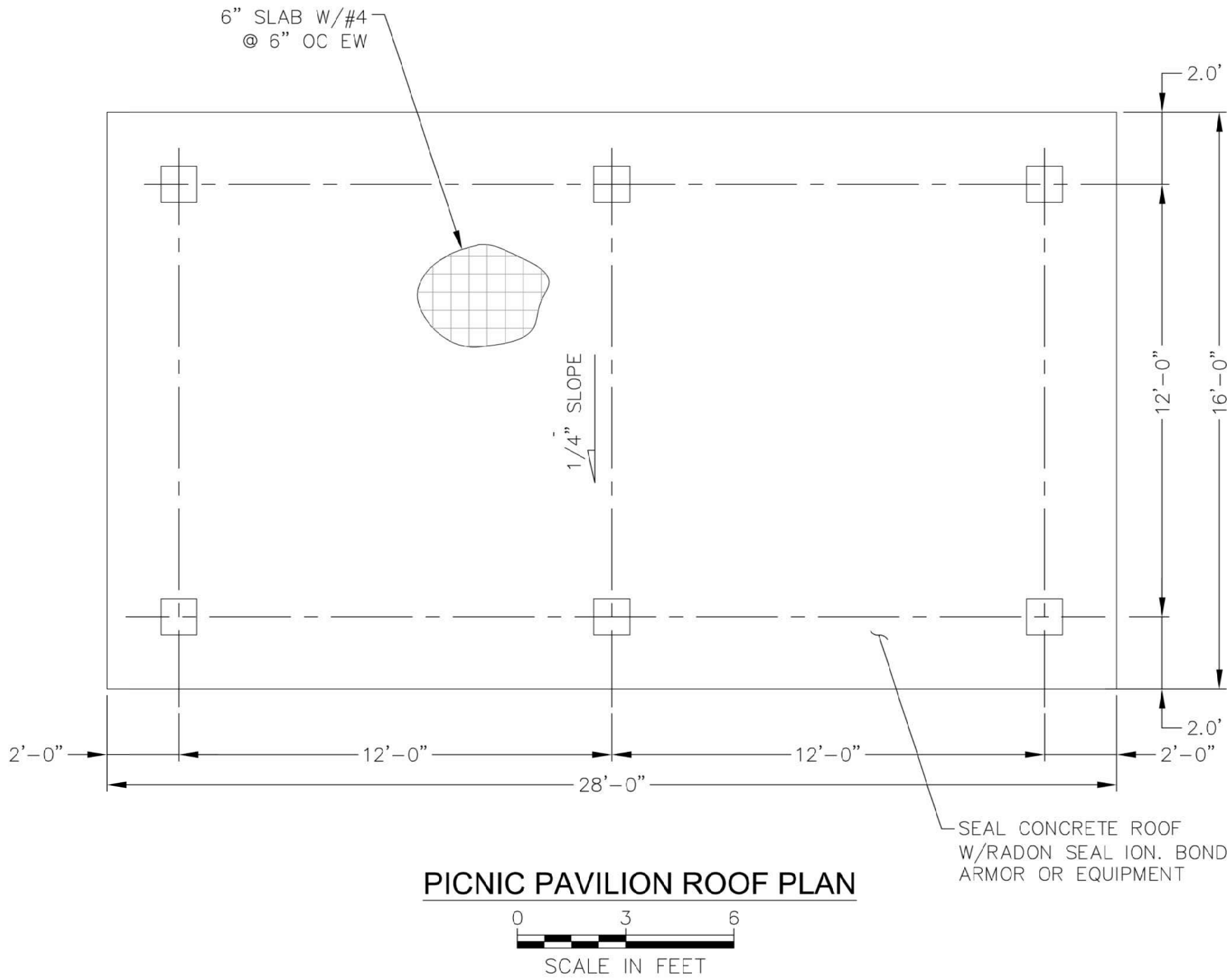
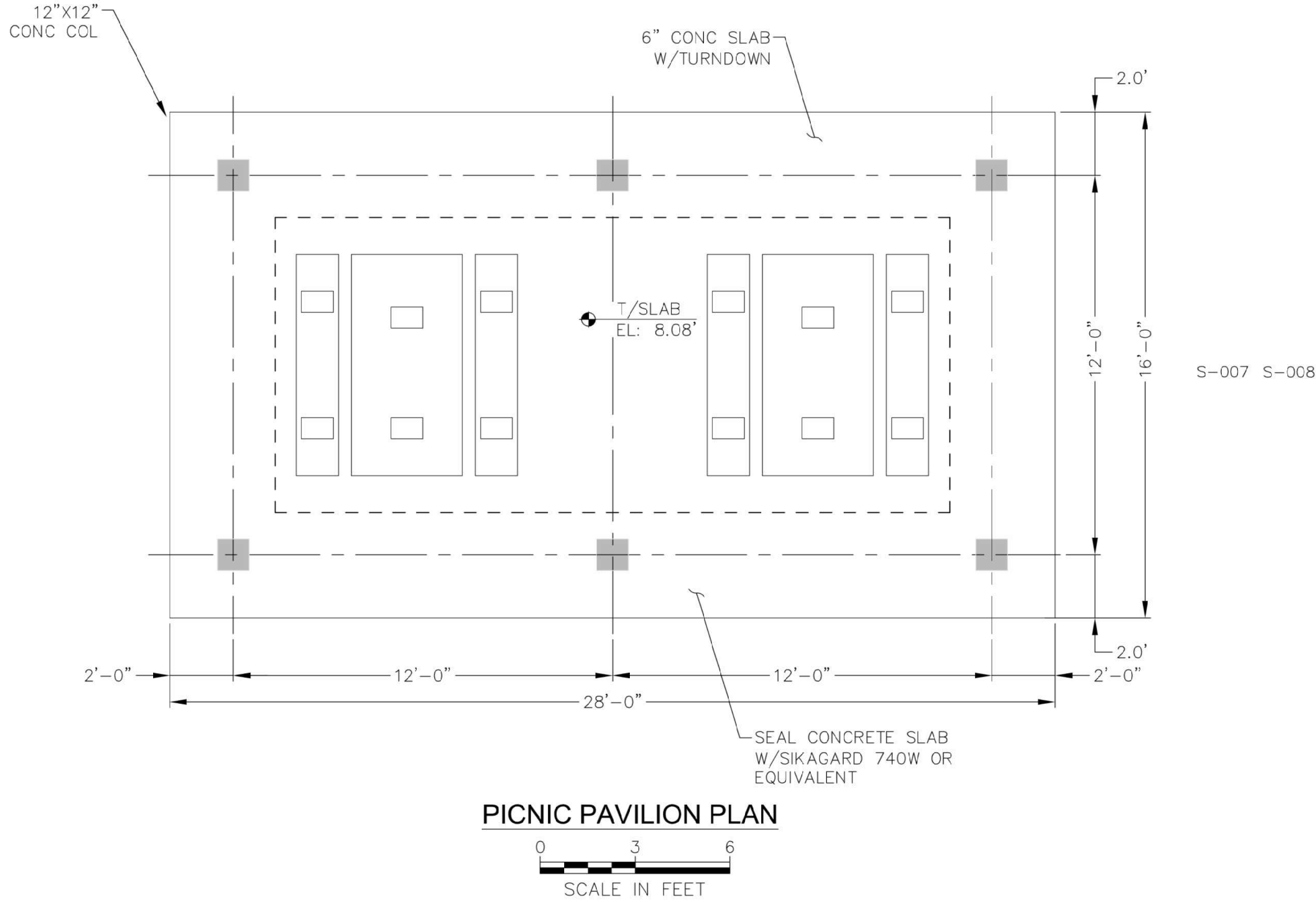
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AA - C0000035 EB - 0000155 LB - 0006783

Client
Escambia County
Board of County Commissioners

Title
Perdido Bay Boat Ramp
DETAILS - SHEET 2

ISSUED FOR PERMIT
NOVEMBER 3, 2021
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Project Number 368117		B/O 28	Total 00
Designed L.DENTY		Eng check	
Drawn S.KINNINGHAM		Coordination	
Dwg check A.REZA		Approved	
Scale at ANSI D	Status	Rev	Security
Drawing Number S-006			



Rev	Date	Drawn	Description	Ch'k'd	App'd
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Mott MacDonald Florida, LLC.
220 West Garden Street
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Pensacola, FL 32502
United States of America
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**Escambia County
Board of County Commissioners**

Title

Perdido Bay Boat Ramp

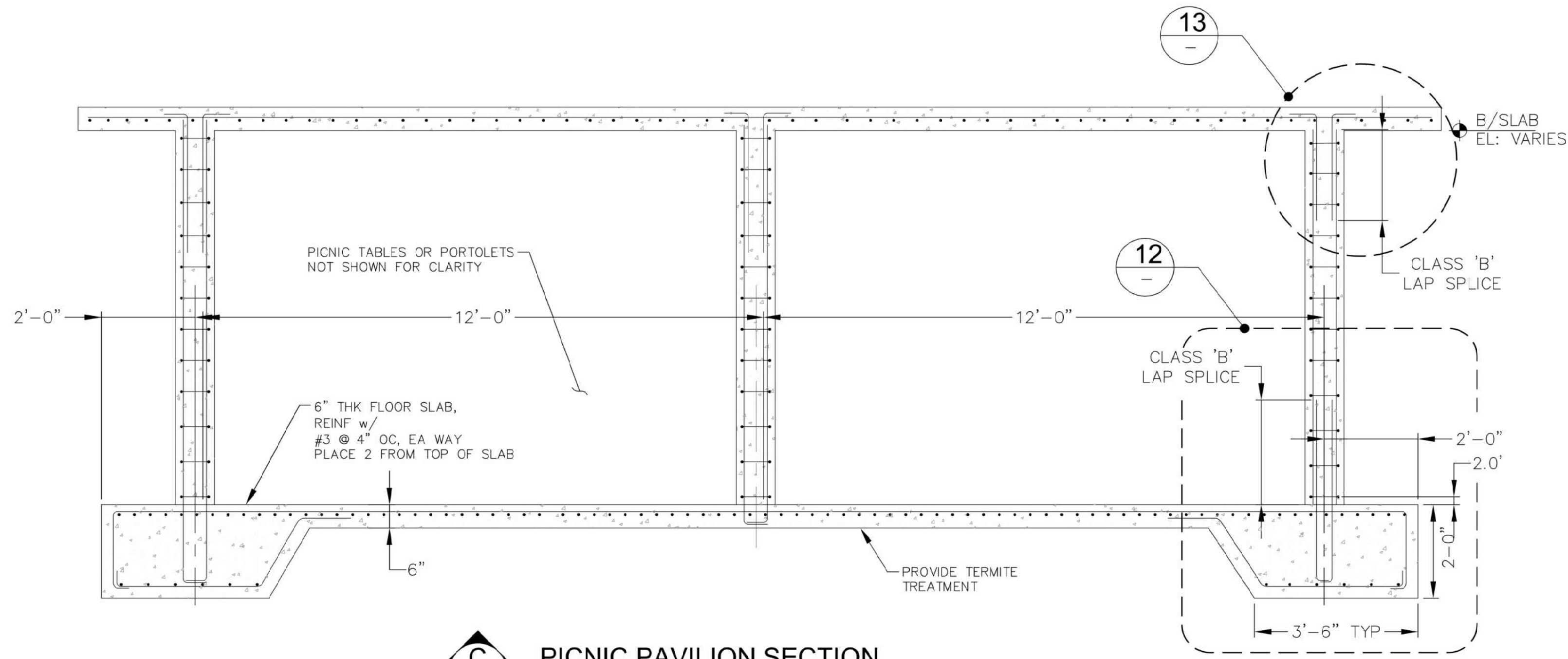
DETAILS - SHEET 3

**ISSUED FOR PERMIT
NOVEMBER 3, 2021
NOT FOR CONSTRUCTION**

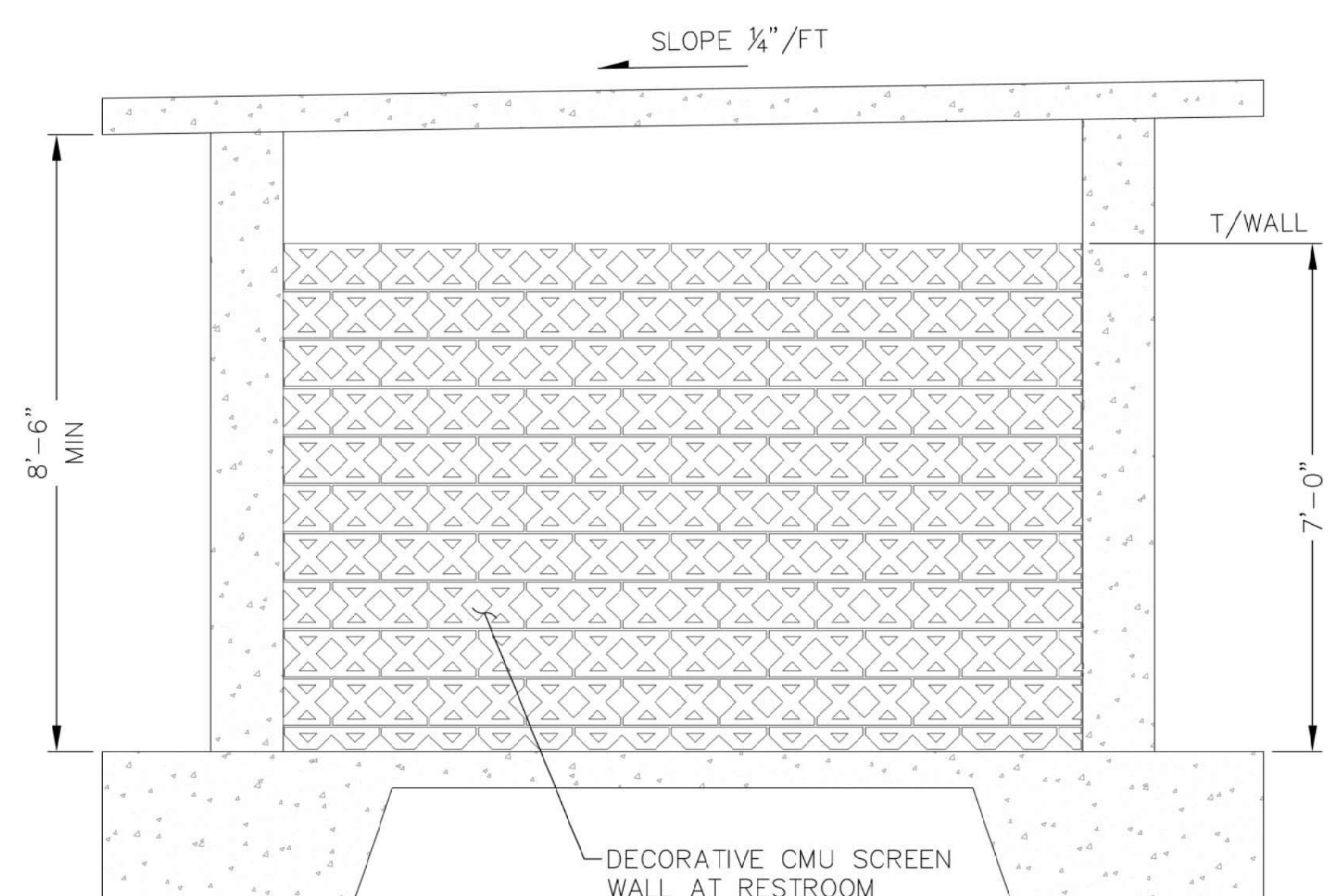
Project Number 368117		B/O 29	Total 00
Designed L.DENTY		Eng check	
Drawn S.KINNINGHAM		Coordination	
Dwg check A.REZA		Approved	
Scale at ANSI D	Status	Rev	Security

Drawing Number

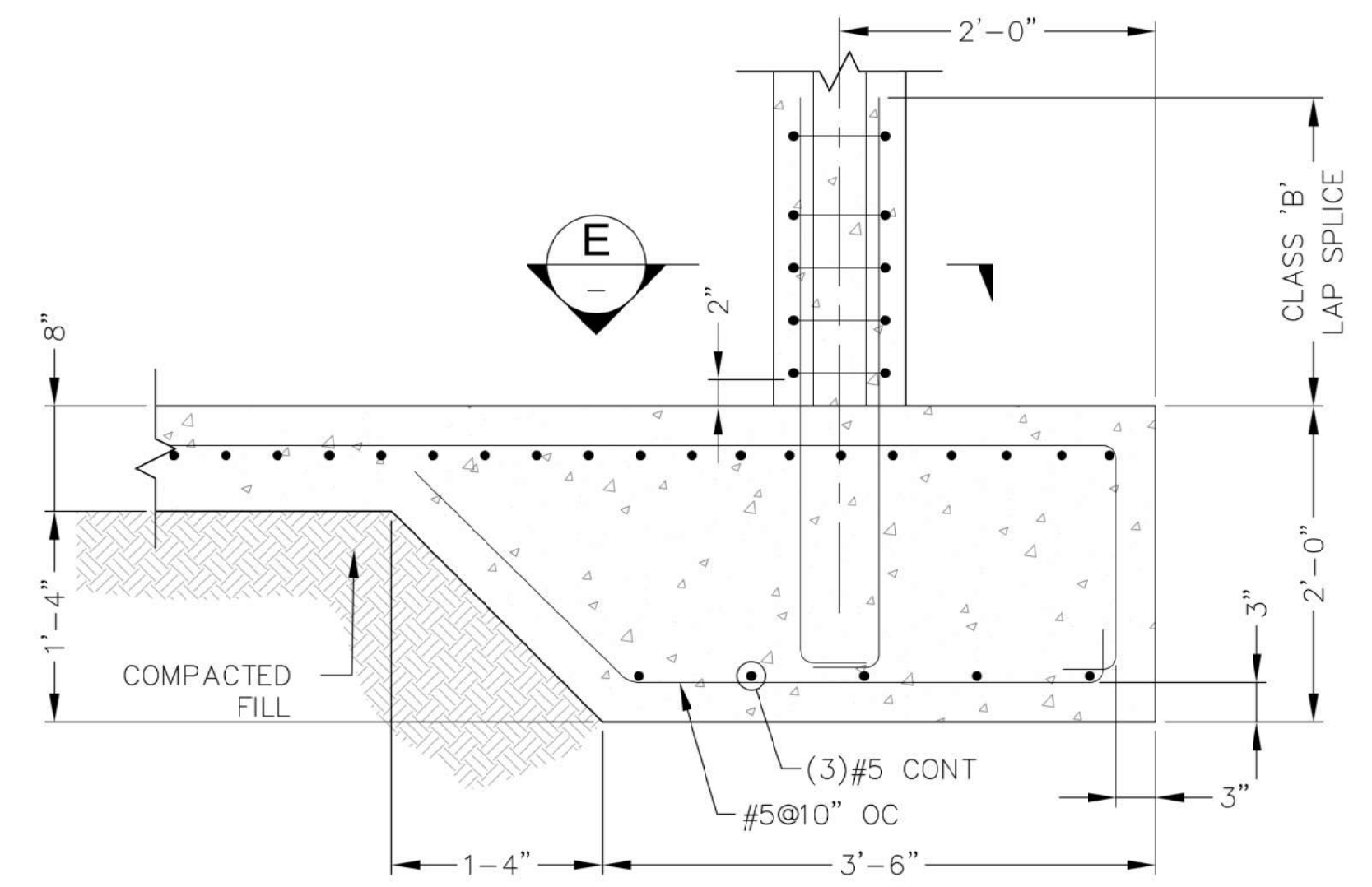
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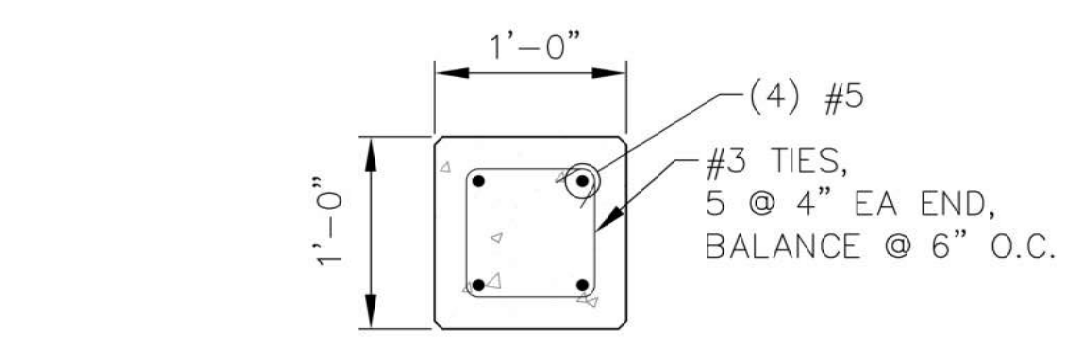
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S-007 S-008
0 2 4
SCALE IN FEET



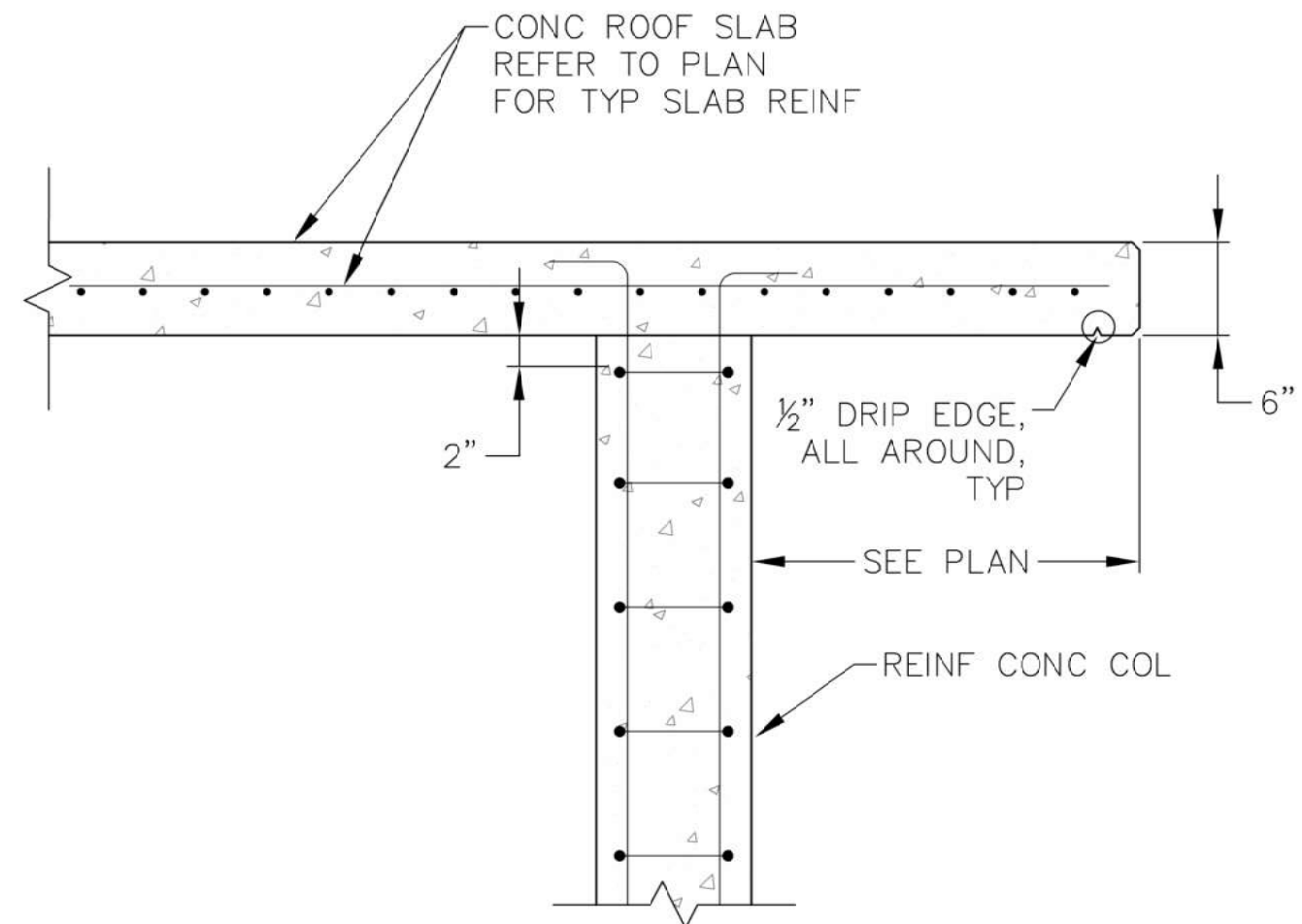
D ELEVATION
S-007 S-008
0 2 4
SCALE IN FEET



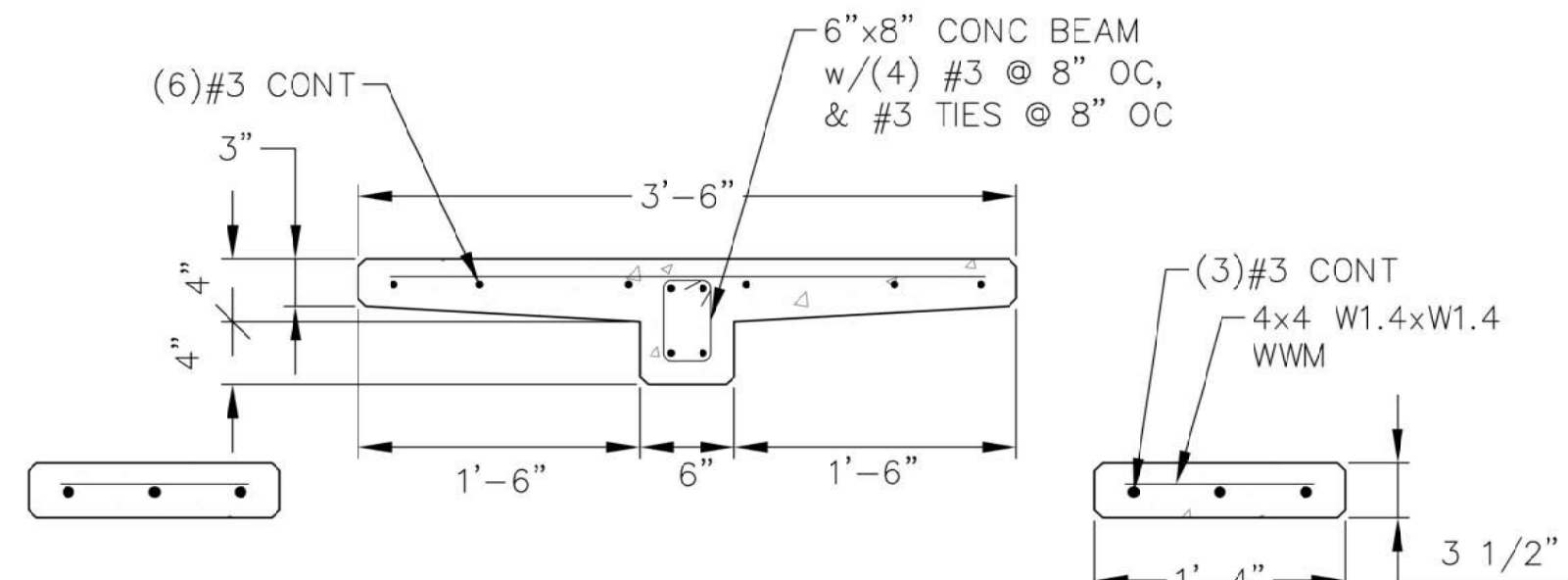
12 FOUNDATION DETAIL
0 1 2
SCALE IN FEET



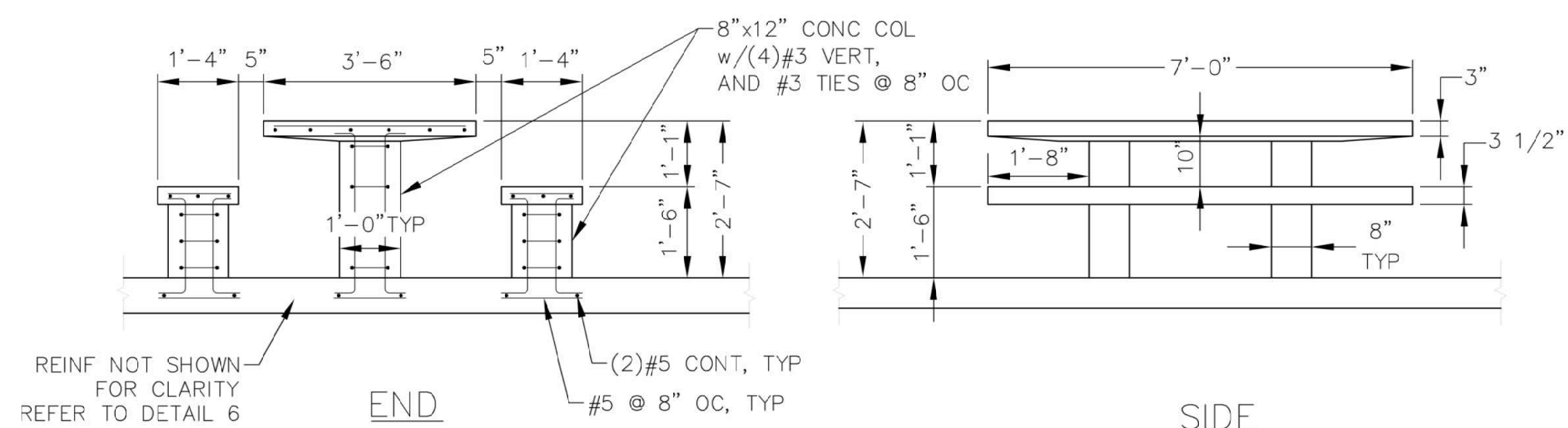
E PICNIC PAVILION SECTION
0 1 2
SCALE IN FEET



13 COLUMN TO ROOF DETAIL
0 1 2
SCALE IN FEET



14 PICNIC TABLE DETAIL
0 1 2
SCALE IN FEET



15 PICNIC TABLE ELEVATION
0 2 4
SCALE IN FEET

Rev	Date	Drawn	Description	Ch'k'd	App'd
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220 West Garden Street
Suite 700
Pensacola, FL 32502
United States of America
T +1 (850) 484 6011
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Client
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Title
Perdido Bay Boat Ramp

DETAILS - SHEET 4

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NOVEMBER 3, 2021
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Project Number 368117		B/O 30	Total 00
Designed L.DENTY		Eng check	
Drawn S.KINNINGHAM		Coordination	
Dwg check A.REZA		Approved	
Scale at ANSI D	Status	Rev	Security
Drawing Number S-008			

User Name: dwe27781
Time Stamp: Nov 04, 2021 - 12:00:40PM
Drawing Name: PerdidoBay_BoatRamp.dwg
Drawing Path: E:\Work\Boat Ramp\Struct\From_Dairy_020518\MM_PerdidoBay_BoatRamp