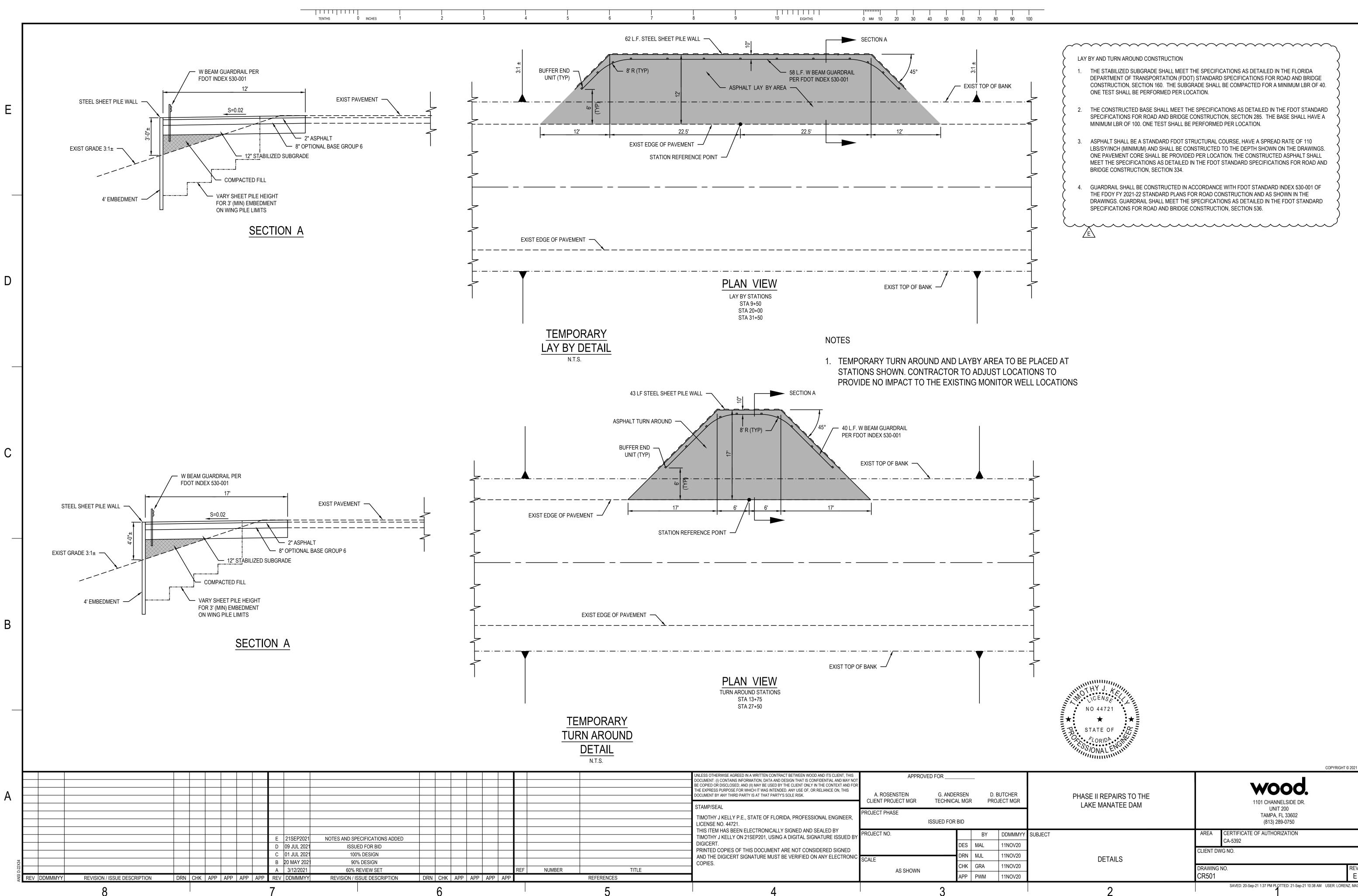
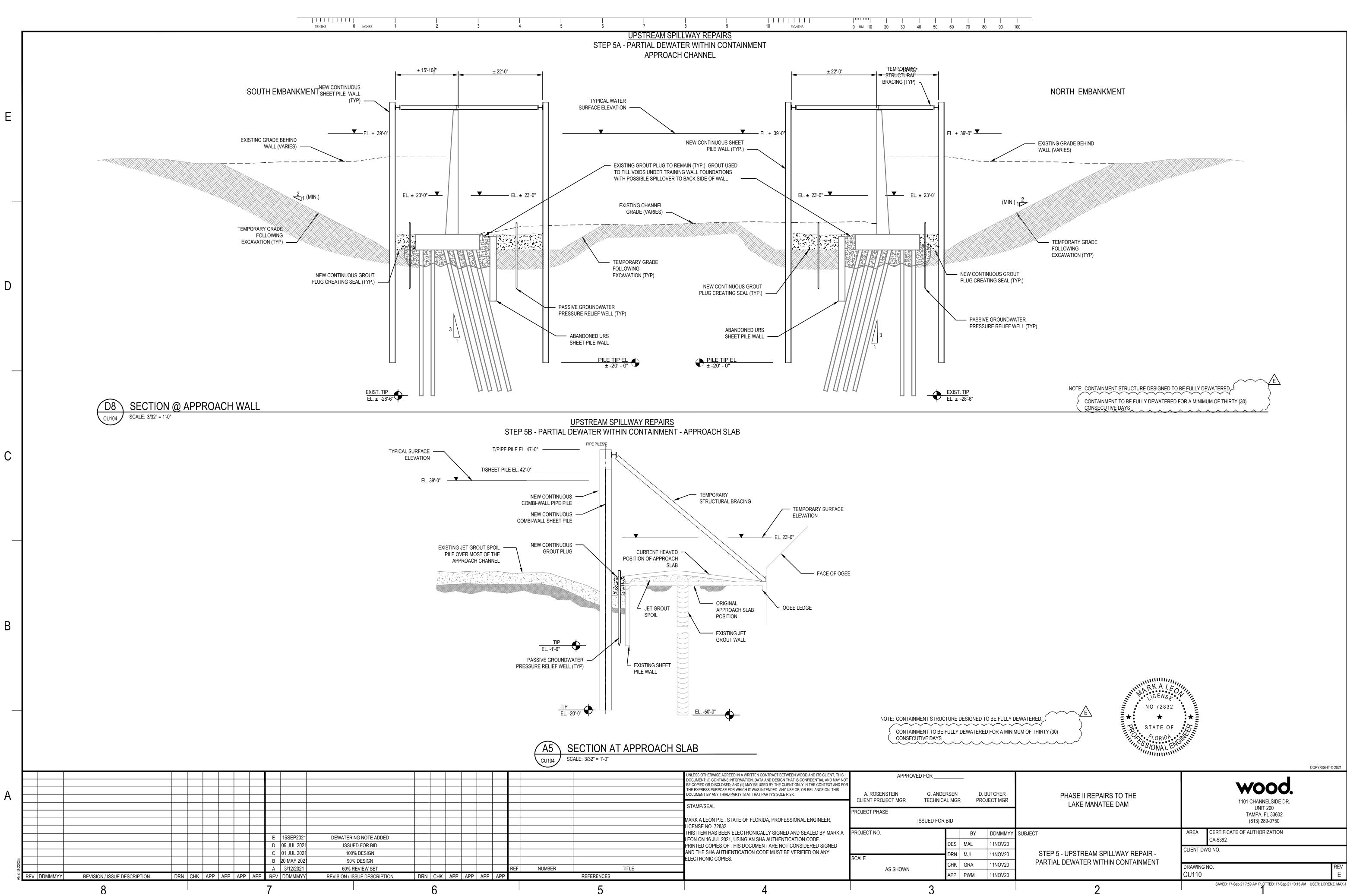


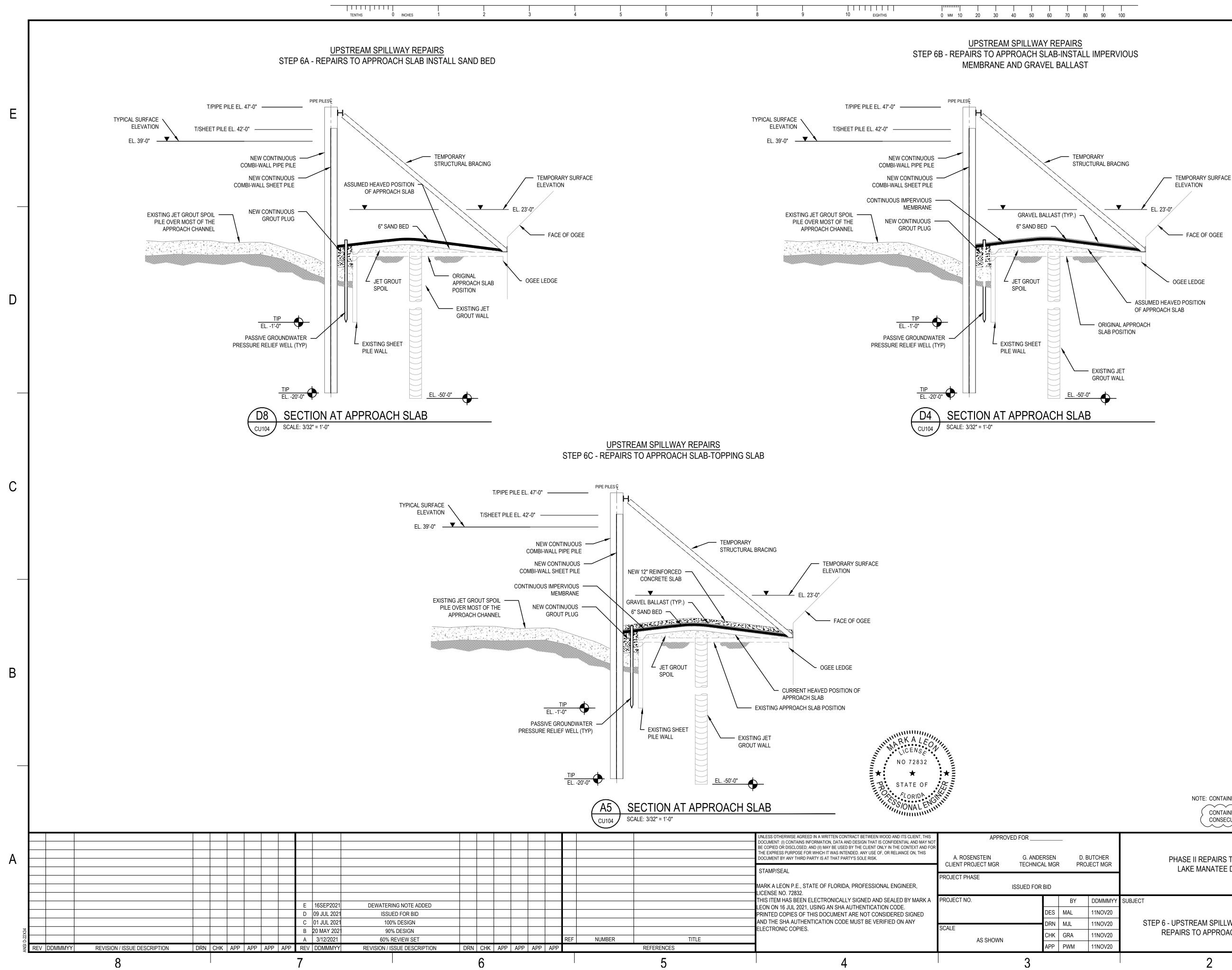
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APP	APP			REFERENCES				APP	PWM	11NO
		REF	NUMBER	TITLE	COFIES.	AS SHOWN		СНК	GRA	11NO
					AND THE DIGICERT SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	SCALE		DRN	MJL	11NO
					PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED					_
					BY DIGICERT.			DES	MAL	11NO
					THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY TIMOTHY J KELLY ON 21SEP2021, USING A DIGITAL SIGNATURE ISSUED	PROJECT NO.			BY	DDMN
					LICENSE NO. 44721.		ISSUED FOR I	BID		
					TIMOTHY J KELLY P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER,	PROJECT PHASE				
					STAMP/SEAL	CLIENT PROJECT MGR	TECHNICA			OJECT M
					THE EXPRESS PURPOSE FOR WHICH IT WAS INTENDED. ANY USE OF, OR RELIANCE ON, THIS DOCUMENT BY ANY THIRD PARTY IS AT THAT PARTY'S SOLE RISK.		G. ANDER			BUTCHE
					BE COPIED OR DISCLOSED; AND (II) MAY BE USED BY THE CLIENT ONLY IN THE CONTEXT AND FOR					



CHER CT MGR	PHASE II REPAIRS TO THE LAKE MANATEE DAM		WOOOL. 1101 CHANNELSIDE DR. UNIT 200 TAMPA, FL 33602 (813) 289-0750	MANATEE DAM\CAD\CIV\TES
DMMMYY	SUBJECT	AREA	CERTIFICATE OF AUTHORIZATION	
INOV20			CA-5392	172X4-
INOV20	DETAILS	CLIENT D	WG NO.	Y:\300472X4-LAKE
INOV20	_	DRAWIN	G NO.	<u>ن</u> ن /
INOV20		CR501	E	CAD FILE:
	2		SAVED: 20-Sep-21 1:37 PM PLOTTED: 21-Sep-21 10:38 AM USER: LORENZ, MA	ХJ





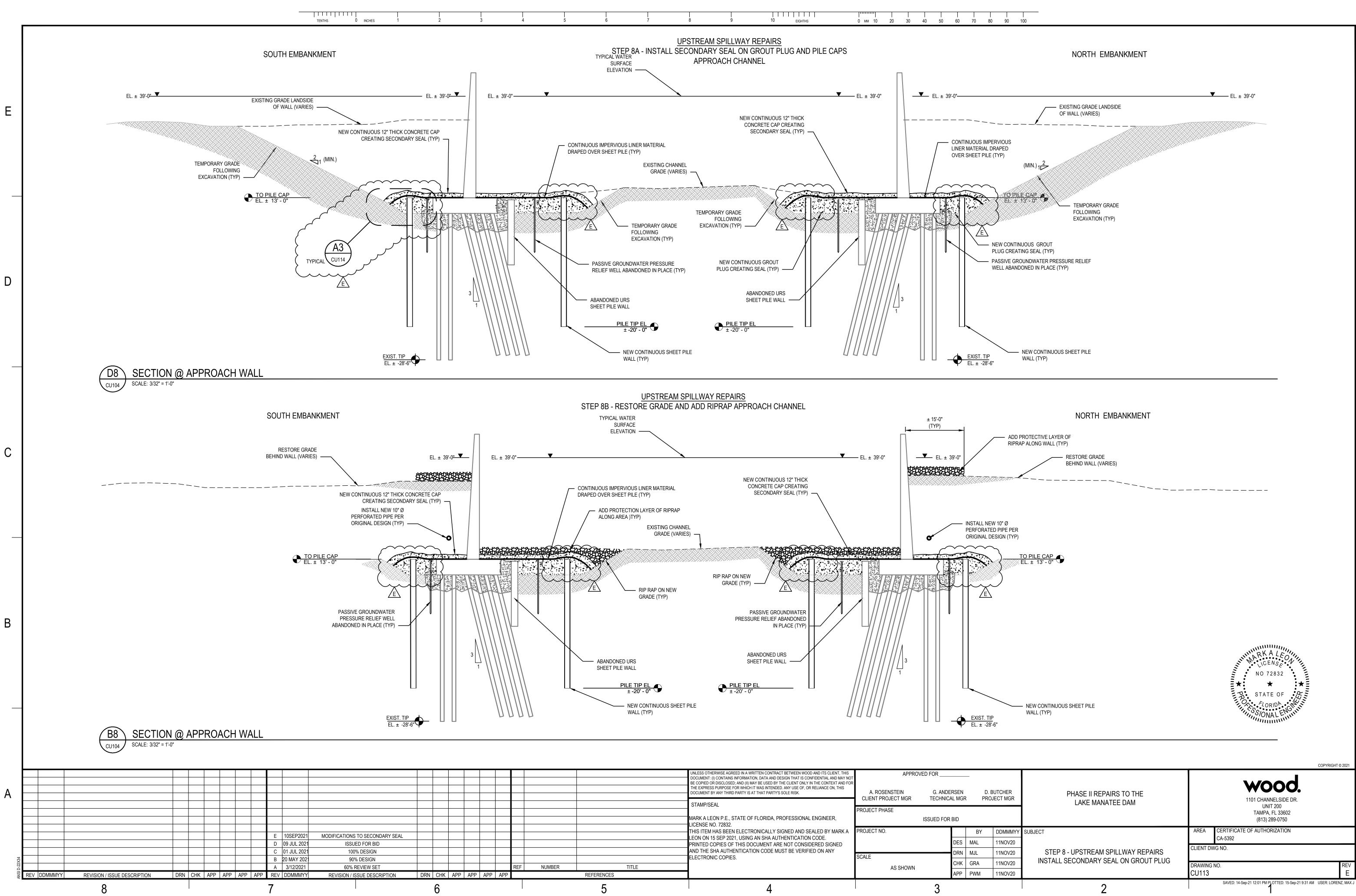


NOTE: CONTAINMENT STRUCTURE DESIGNED TO BE FULLY DEWATERED. CONTAINMENT TO BE FULLY DEWATERED FOR A MINIMUM OF THIRTY (30)

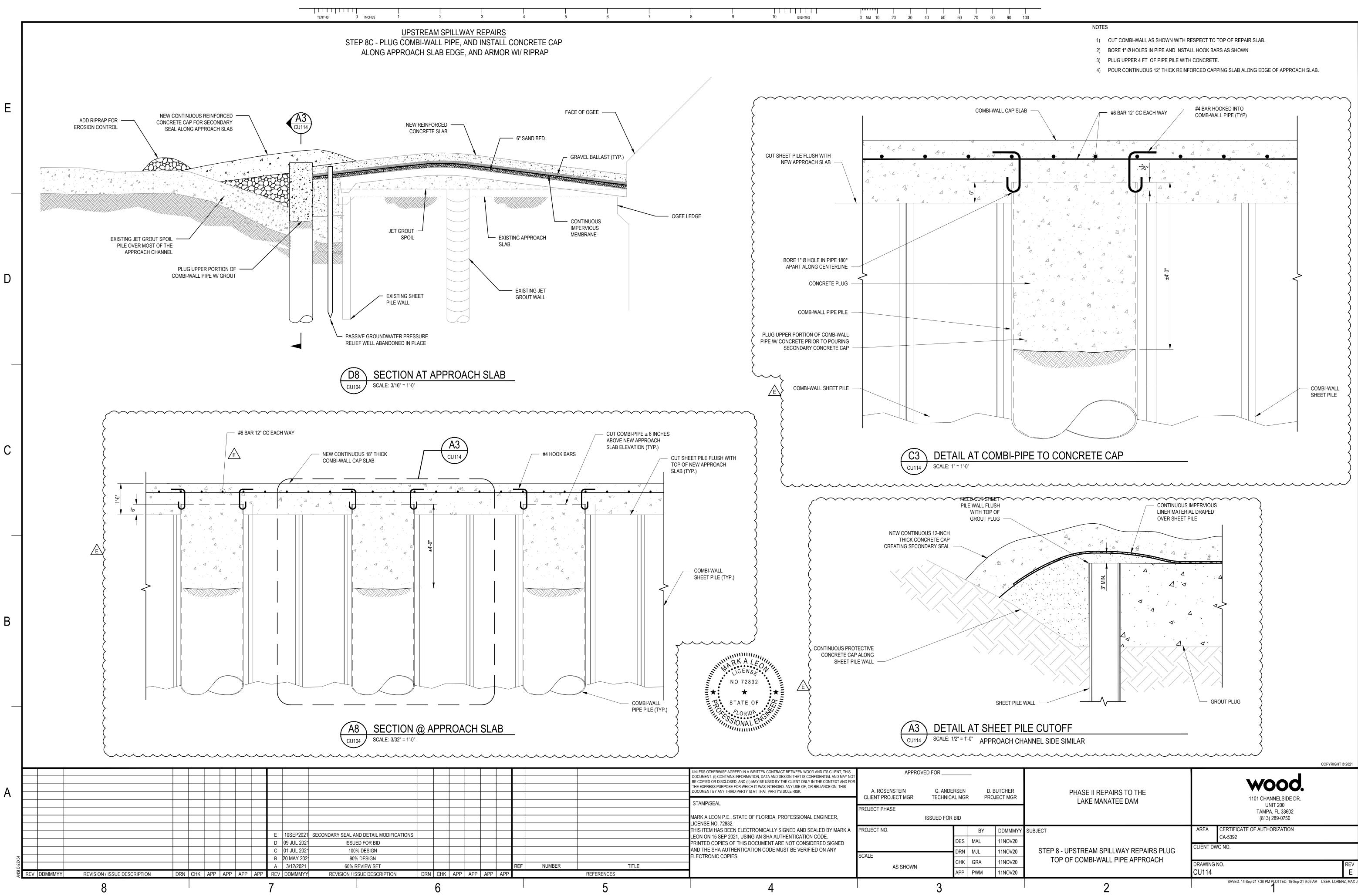
CONSECUTIVE DAYS

TCHER CT MGR	PHASE II REPAIRS TO THE LAKE MANATEE DAM		WOOOC. 1101 CHANNELSIDE DR. UNIT 200 TAMPA, FL 33602 (813) 289-0750					
DDMMMYY	SUBJECT	AREA	CERTIFICATE OF AUTHORIZATION CA-5392					
1NOV20								
1NOV20	STEP 6 - UPSTREAM SPILLWAY REPAIRS -	CLIENT D	WG NO.					
1NOV20	REPAIRS TO APPROACH SLAB	DRAWING NO.						
1NOV20		DRAWING NO. R CU111						
	2		SAVED: 17-Sep-21 7:45 AM PLOTTED: 17-Sep-21 10:12 AM USER: LORE	NZ, MAX J				

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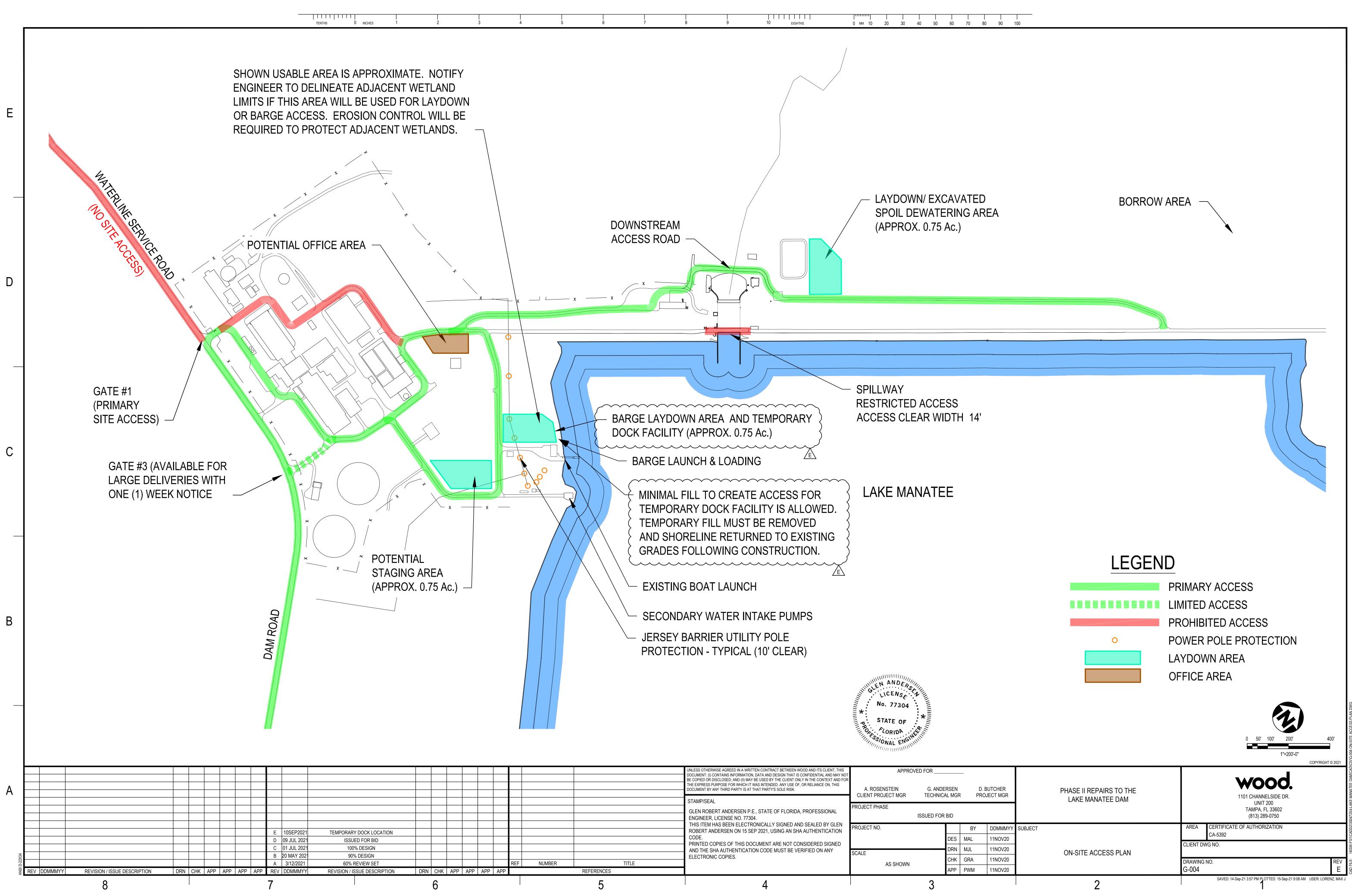


							UNLESS OTHERWISE AGREED IN A WRITTEN CONTRACT BETWEEN WOOD AND ITS CLIENT, THIS DOCUMENT: (I) CONTAINS INFORMATION, DATA AND DESIGN THAT IS CONFIDENTIAL AND MAY NOT				
							BE COPIED OR DISCLOSED; AND (II) MAY BE USED BY THE CLIENT ONLY IN THE CONTEXT AND FOR THE EXPRESS PURPOSE FOR WHICH IT WAS INTENDED. ANY USE OF, OR RELIANCE ON, THIS DOCUMENT BY ANY THIRD PARTY IS AT THAT PARTY'S SOLE RISK.	A. ROSENSTEIN CLIENT PROJECT MGR	G. ANDERSEN TECHNICAL MG). BUTCHE ROJECT M
+							STAMP/SEAL			ה רי	
T							1	PROJECT PHASE			
							MARK A LEON P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 72832.				
+							THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY MARK A	PROJECT NO.		BY	DDM
							LEON ON 15 SEP 2021, USING AN SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED		DES	MAL	11NO
							AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY	SCALE	DRN	MJL	11NO
_			REF	NUMBER	т	ITLE	ELECTRONIC COPIES.		СНК	GRA	11NO
	APP	APP		NUMBER	REFERENCES		1	AS SHOWN	APP	PWM	11NO
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	24-H	DUR CONTACT:			APPF	ROACH CH/	ANNE
	Alber	t Rosenstein, PE, CPM			100	INSTALL	.ATIO
	Proje	ct Engineer II			200	COMPLE	ETE D
	Mana	tee County Public Works				WALL AN	
	941-7	08-7450 EXT 7219 - Office			300	REMOVA DRAINS	λL, Al
_	941-2	81-5573 - Mobile			400	CONSTR	RUCT
-	alber	.rosenstein@mymanatee.org				SOUTH E STEEL D THE APP)EBR
	24-H	DUR SECURITY CONTACT:			500	REMOVA	۱L OF
					600	INSTALL	SHE
	SCO	PE OF WORK			700	INSTALL	DEW
	1.	PROVIDE ALL NECESSARY EQUIPMENT, MATERIALS, AND LABOR RE TO PERFORM PHASE II REPAIRS TO THE LAKE MANATEE DAM LOCA MANATEE COUNTY, FLORIDA.			800	PARTIAL CONTRA	
_	2.	THE SCOPE OF WORK INDICATED ON THESE DRAWINGS GENERALL	Y		900	FULLY D	
	L .	INCLUDES VOID FILLING, UPSTREAM AND DOWNSTREAM REPAIRS, MECHANICAL UPGRADES AND MISCELLANEOUS SITE IMPROVEMEN			1000	COMPLE	
		GENERAL ACCORDANCE WITH THE ATTACHED DOCUMENTS. THESE	Ξ		1100		
		DOCUMENTS ARE BASED ON PRELIMINARY SITE OBSERVATIONS PE BY WOOD ENVIRONMENTAL & INFRASTRUCTURE, INC., (WOOD PLC)) AND		1200	FULLY D	
		INFORMATION OBTAINED FROM THE ORIGINAL DESIGN DRAWINGS BY OUR CLIENT. THESE DRAWINGS ARE TO BE USED AS GENERAL	PROVIDED)	1300	FLOOD C	
		GUIDELINES TO ACCOMPLISH THE NECESSARY WORK. ITEMS REQ ADDITIONAL INPUT SHALL BE BROUGHT TO THE ATTENTION OF THE		S	1400	INSTALL	
		REPRESENTATIVE PRIOR TO COMMENCEMENT OF ANY RELATED W		0	1500	CUT CON AND SLC	
					1600	CUT COM	MBI V
	MOB	LIZATION			1700	INSTALL	RIPF
	100	PRE-MOBILIZATION ACTIVITIES (CONSTRUCTION SUBMITTALS)			1800	PLACEM	ENT
	200	UTILITY LOCATES			1900	INSTALL	HAN
	300	LAYDOWN AND SETUP					
	400	OFFICE SET-UP, MAINTENANCE AND OPERATION			STOF	PLOG GUID	E AN
	500	EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE	S		100	STOPLO	GGL
	600	TEMPORARY DOWNSTREAM ACCESS ROAD			200	TAINTER	≀ GA ⁻
	700	TEMPORARY BOAT/BARGE DOCK			300	THRESH	IOLD
	800	GENERAL CONDITIONS			400	COURSE	E SCF
	900	PERMITS, BONDING, ETC.			500	COURSE REMOVA	
					600	48" PIPE	
		FILLING (NICHOLSON)					
	100	DEMONSTRATION PROJECT			UPST	REAM SOI	L CE
	200	PRODUCTION			100	UNIFORM	
		NSTREAM CHANNEL REPAIRS			200	CONCRE	ETE S
	100	SITE PREPARATION (RIP RAP REMOVAL, EXCAVATION, ENGINEEREI			300	SPOT RE	EPAIF
	200	EXISTING APRON SLAB PREPARATION	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		400	FULL DE	PTH
	300	REINFORCEMENT, MISC METALS, EXPANSION JOINTS, SEALANT ANI WATERSTOP	G		500	SPOT RE	EPAIF
_	400	FORM, POUR AND CURE DOWNSTREAM CONCRETE APRON OVERLA	٩Y		MECH	HANICAL U	PGR
	500	CAST-IN-PLACE CONCRETE STAIRS			100	REPLAC	E ELI
	600	CONCRETE STILLING BASIN REPAIRS (SKIM COAT ON ENDSILL)			200	REPLAC	E GE
	700	TRAINING WALL REPAIRS			300	REPLACI	E INS
	800	DEMOLITION AND ABANDONMENT OF MISCELLANEOUS METALS AN	D DRAINS				
	900	OGEE REPAIRS (DOWNSTREAM AND UPSTREAM)			MISC	ELLANEOU	JS IM
					100	LAYBYS	
3	DOW	NSTREAM PRESSURE RELIEF SYSTEM			200	CONCRE	ETE C
	100	VERTICAL RELIEF WELLS			300	NEW DE	CK P
	200	END SILL RELIEF WELLS			400	ADD SAF	FETY
					500	ADD/REF	PLAC
	ENC	ASE SPILLWAY WITH SEEPAGE BARRIER			600	SKIM CO)AT C
	100	CONSTRUCTION GRADING			700	BOAT LA	NUNC
	200	SHEET PILING INCLUDING CONCRETE CAP AND HANDRAIL INSTALL	ATION		800	BRIDGE	REP
-	300	DEEP SOIL MIXING (TEST SECTIONS, FINAL DESIGN APPROVAL, F&I)					
	400	JET GROUTING (TEST SECTIONS, FINAL DESIGN APPROVAL, F&I)					
	500	CONCRETE SLAB ON GRADE INSTALLATION					
	600	FINAL GRADING AND RESTORATION					
F					, 		
\ E			_	<u> </u>			\ddagger
`							+
					-		

111111111 0 INCHES TENTHS

NEL REPAIRS

- ON OF COMBI-WALL NORTH AND SOUTH EMBANKMENTS
- DEMOLITION AND REMOVAL OF SLOPE PAVING AND SOLDIER PILE AGGING
- BANDONMENT AND GROUTING OF MONITORING WELLS AND
- TION EXCAVATION AND FINAL GRADING AT THE NORTH AND ANKMENTS AND APPROACH CHANNEL INCLUDING REMOVAL OF RIS, JET GROUT SPOILS, ORGANICS AND OTHER DEBRIS WITHIN ACH CHANNEL AND AROUND THE APPROACH CHANNEL WALLS
- GROUT SPOILS FROM APPROACH SLAB
- EET PILE AND COMBI WALL SYSTEM WITH STRUCTURAL BRACING
- WATERING WELLS AND GROUT PLUG AT APPROACH SLAB
- WATER OF APPROACH SLAB AND APPROACH CHANNEL AREA. OR MAY FULLY DEWATER AT THEIR DISCRETION.
- ATER FOR PRE-CONSTRUCTION INSPECTION
- APPROACH SLAB REPAIRS
- APPROACH WALL REPAIRS
- ATER FOR APPROACH SLAB REPAIRS INSPECTION
- TAINMENT AREA AND CUT SHEET PILE ON APPROACH CHANNEL
- CONDARY SEAL ON APPROACH CHANNEL.
- WALL AT NORTH AND SOUTH ABUTMENTS AND RESTORE GRADE PAVING
- WALL AND INSTALL CONCRETE CAP AT APPROACH SLAB
- PRAP TO FINAL GRADE
- T OF WATERTIGHT SLAB ON GRADE
- NDRAIL

ND TAINTER GATE REHABILITATION

- GUIDE REPAIRS
- TE REPAIRS
- REPLACEMENT
- REEN CHAMBER CONCRETE REPAIRS
- REEN CHAMBER MISCELLANEOUS METAL
- EFURBISHMENT/COATING
- PECTION

EMENT REFURBISHMENT

- ECTION MAT TEST SECTION
- SLOPE PAVEMENT TEST SECTION
- IR TEST SECTION
- SOIL CEMENT TEST SECTION
- IR AT END OF FLUME

RADES

- ECTRIC MOTORS
- EAR BOXES
- STRUMENTATION AND CONTROLS

MPROVEMENTS

- DECK REPAIRS
- PAINT: SAND BLAST, REMOVE RUST, PRIMER AND PAINT
- Y LADDERS
- CE HANDRAILS
- OVER PIERS
- CH IMPROVEMENTS
- AIRS

E 16SEP2021 ROADWAY RESTORATION NOTES ADDED D 09 JUL 2021 ISSUED FOR BID C 01 JUL 2021 100% DESIGN B 20 MAY 2021 90% DESIGN A 3/12/2021 60% REVIEW SET DRN CHK APP APP APP APP REV DDMMMYY REV DDMMMYY REVISION / ISSUE DESCRIPTION **REVISION / ISSUE DESCRIPTION** DRN CHK APP

 3		4	 5		6	7	 8		 9	 10	EIGHTHS		0 MM 10 20 31	 0 40	 50 60	 70 80 90
וח		IZATION							TY NOTES					GRA		THWORK NOTES
10			SPHALT MILLI	ING AND ASPH	IALT PAVEME	NT		23.		CTOR SHALL VE	RIFY THE LOCAT	ION AND ELEV	ATION OF ALL	40.		GRADING PROCI
20)0 PL	JNCHLIST IN	SPECTION										SSARY TO AVOID O PERSONNEL OR			ONS THAT ARE I R PHASE 2 REPA
30)0 RE	STORATION	I OF LAYDOWI	NS									F EXACT LOCATIONS THE RESPONSIBILITY			2021, PREPARE
40		NAL CLEANU									ONTRACTOR SHA		FOR EXISTING	41.	WEEKDAYS I	CONSTRUCTION BETWEEN THE H
50 60			ANUALS / SUBI	-				24.			OTECT ALL EXIS			42.		BY THE COUNTY ACTOR SHALL BE
70			A RECLAMATI							JCTION ACTIVITI		r an i Dawa	GES CAUSED DURING	12.	DUST NUISAI	NCE FROM THE HE SITE IN SUCH
						th best industry sta	a de rele	25.	ELECTRI	CAL SOURCE OR	R ANY OTHER UT	LITY SYSTEM	I, STORM DRAIN, WITHOUT PRIOR R, AND THE SITE	43.	THE IMMEDIA	ATE SURFACE O ACTOR SHALL BE
						in best industry sta	inuarus.	26.	CONTRA	CTOR SHALL CO		ROUND SERV	ICE ALERT (811) A	44.	WORK DONE	NDING AREA DU E BY THE CONTR ANY EXPORT OR
-										OF 2 FULL BUSI THE OWNER AN		OR TO ANY WO	ORK AND PROVIDE A	44.	WHERE SOIL	IS TAKEN TO O
3. 4.						ORIDA BUILDING		27.					XISTING EWER, STORM DRAIN,		SOIL IMPORT	
ч.	(PI AN DIS	ROOF OF COND OWNER.	ONCEPT ONLY CONTRACTOR ES BETWEEN	/), ALL TO THE	SATISFACTIC ENGINEER A	N OF THE ENGINI ND OWNER AWAF	IEER		GAS, OR COMMUN STREET I	OTHER PIPELINE ICATIONS, OR T LIGHTING FACILI	ES; ALL BURIED E	ELECTRICAL P ES; ALL TRAF WAY, STATE H	POWER, FIC SIGNAL AND IIGHWAY, AND	45.	COMPLIANCE DISTURBED,	N, BACKFILL, ANE E WITH THE LINE LOOSE, DESICC ATERIAL, AND AN
5.	AL	L PERSONN			W THE REQU	IREMENTS FOR			RESPECT RESPON	IVE AUTHORITIE	ES REPRESENTIN	NG THE OWNE LESS THAN 3	RS OR AGENCIES DAYS OR MORE THAN			DDITIONAL REM R UNDOCUMENT
6.			COORDINATES	S ARE BASED	UPON NORTH	AMERICAN DATU	JM OF						CH WORK IF THEY SO	46.	ALL EXCAVA	TIONS, TEMPOR
7.		83 (NAD83). EVATIONS A	ARE BASED UF	PON NORTH G	FODETIC VER	TICAL DATUM OF	- 1929	28.	OVERHE/				E RESPONSIBLE FOR		SHALL ALSO SHORING.	COMPLY WITH F
		GVD 29).							ELECTRI	CAL LINES AT AL	L TIMES AND, WI	HERE HAZARD	ROM OVERHEAD	47.		SITE STRIPPING ED, PROBED ANI
8.	PE		EPT FOR SPEC			G ALL NECESSAR' BY MANATEE COU			DAMAGE				GAINST INJURY AND		ENGINEER. F APPROVED 1	PROOF ROLLING THE SUBGRADE Y THE ENGINEER
9.	CC	ONTRACTOR	SHALL KEEP			MPLY WITH ALL		STOR 29.					EMENTED TO MINIMIZE	48.	-	ECEIVE FILL SHA
	OV	WNER PRIOF	R TO BEGINNIN		NTRACTOR S	O THE ENGINEER HALL ARRANGE A PROVALS.		29.	RUNOFF		STORM WATER		CE WITH THE STATE OF		DELETERIOU RESULTING I	JS MATERIAL, OF FROM DEMOLITI
10		ONTRACTOR SPECTIONS		ESPONSIBLE F	OR ALL PERM	IIT RELATED		30.	BE CONS	TRUCTED AND N	MAINTAINED IN A	CCORDANCE	ES ON THIS PLAN WILL WITH THE "FLORIDA MEASURES WILL BE	49.	DEPTH AND	ALL BE PLACED I COMPACTED TO CE WITH THE RE
11	PE	RMITS FOR	THIS PROJEC		E AT ALL TIME	ECIFICATIONS, AND THEY SHA CIFICATIONS.				CE AND MAINTAI	Y MAJOR SOIL DI NED UNTIL PERM		or in their proper Tection Is	50.	SPECIFICATI	AND BACKFILL N ONS SHALL BE F O THE OWNER.
12			ALL BE IN ACC AND ORDINA		TH ALL FEDE	RAL, STATE, AND	LOCAL	31.	PRACTIC	ES ACCEPTED IN	ILETS SHALL BE N THE STANDARI ILIZATION HAS B	DS, AND PROT	ECTION SHALL REMAIN	51.	PER THE PRO	OF EARTH FILL
13	TH	IE PLANS AN	D COMPARE	ALL PLANS FC	R CONFORM	EVATIONS SHOW ANCE AS TO THE		32.					MAINTAINED AND	52.		CAL REPORT ALL BE COMPAC ⁻
	EN	IGINEER OF	ANY DISCREF	-		TOR SHALL NOTIF ACTION PRIOR TO			CONTRA	CTOR FOR THE D		ONSTRUCTION	I IN CONFORMANCE	-	OF ASTM D1	
4.4			WITH WORK.			D CONDITIONS TH				E NPDES PERMI D IMMEDIATELY		NCURRED BY	EROSION SHALL BE		IGE DECK	
14	AF		TERED AND W			DESIGN CHANGE		33.	PAVED R	OADWAYS MUST	T BE KEPT CLEAN	I AT ALL TIME	S.	53. LAYE	DOWN AREAS	STRICTIONS ARE
15	5. CC AN PU	ONTRACTOR	SHALL SEQU JCTION OPER Y, DRAINAGE,	ATIONS SUCH	AS TO MAINT	CONDUCT DEMOL AIN CONTINUOUS EXISTING FACILI	s .ities	34.	SUCH A M STORM V	/ANNER THAT P /ATER. ANY STO	REVENTS ACCID RM DRAIN INLET	ENTAL SPILLS S WHERE FUE	TON WILL BE STORED IN FROM IMPACTING EL MAY MOBILIZE SHALL ED USING SANDBAGS.	l 54.	LAYDOWN AI PROJECT. S USED DURIN	REAS HAVE BEE HOULD THE CON
	SE	EVEN (7) DAY	S, WHEN FEA		S OTHERWIS	OWNER AT LEAS ⁻ E APPROVED, IN /ICES.	T	35.	CONTRA	CTOR, AND A SIT	E REPRESENTA	TIVE PRIOR TO	I THE ENGINEER, D CONSTRUCTION. DL MEASURES SHALL	55.		TE REPRESENTA
SA	AFETY N	NOTES									NIMIZE DUST GEN			56.)r shall prote
16	CC	ONDITIONS (OF THE JOB SI	ITE WITHIN LIN	ITS OF WORK	ESPONSIBLE FOR (AT ALL TIMES IN AL REGULATIONS.	N	36.	AS TO NO	OT ALLOW EROS		ENTATION. THI	ME AND IN A MANNER E SLOPES SHALL BE BLE AFTER THE	500	REQUIREME	CE FLORIDA DEP NTS.
17									DURING /	ALL CONSTRUCT	TION PHASES IN A		HALL BE IMPLEMENTED	57.	K FACILITIES	L PROVIDE ACC
18	-				-	HAND SAFETY PL		37.		CONTROL PLAN	N. L MAINTAIN DUS	T CONTROL A	T ALL TIMES,		CONTRACTO	R'S USE THROU RESTRICTIONS:
19		_		ENGINEER AN	-	COUNTY. OR REVIEW BY TH	HE			,	BREAKS IN CONS DCKPILES, AND D	,	ND DURING WORK ON REAS.	58.		OR RESPONSIBLE D WITH WATER A
	EN	IGINEER AN	D MANATEE C	COUNTY.				DEMC 38.	SHOULD				PING OR OTHER	59.		ACCESS REQUI
D/	AM SAFE	ETY OPERA	ΓIONS					00.	UTILITIES	BE ENCOUNTER	RED DURING PER	RFORMANCE	of Work,	60.		R SHALL OBTAIN
20). DA	AM SAFETY S	SHALL NOT BE	E COMPRISED	DURING CON	STRUCTION.			IMMEDIA	TELY FOR DIREC	TION. CONTRAC	TOR SHALL C	OOPERATE WITH THE EPING RESPECTIVE		DOCK OR RA	SUPPLIED BY O
21				RDINATE MANA	AGEMENT OF	ALL DAM ACTIVITI	IES		FACILITIE	S IN OPERATION	N. CONTRACTOR	SHALL REPAI	R DAMAGED UTILITIES ESENTATIVE, AND THE	61.		TION SERVICES
22	 WITH THE OWNER. 22. CONTRACTOR IS MADE AWARE THAT THE OWNER RESERVES THE RIGHT TO TAKE POSSESSION OF THE DAM AND COORDINATE DAM OPERATIONS 		39.		CTOR SHALL MA			ES IN ACCORDANCE	62.	AND HAND-P	PORTABLE EQUIF					
	AC	CTIVITIES DU	JRING CONSTI	RUCTION.					WITH ALL	. APPLICABLE RE	EGULATIONS ANI) REQUIREME	:NTS.	63.		OR MUST COORD
															ACTIVITIES	
											BETWEEN WOOD AND		ΔΡ	PROVED FOI	٦.	
							В Т	E COPIED OR DIS HE EXPRESS PU	SCLOSED; AND RPOSE FOR WH	(II) MAY BE USED BY TH IICH IT WAS INTENDED.	SIGN THAT IS CONFIDEN HE CLIENT ONLY IN THE . ANY USE OF, OR RELIA	CONTEXT AND FOR				
								OCUMENT BY AN	I HIRD PART	Y IS AT THAT PARTY'S S	SULE RISK.		A. ROSENSTEIN CLIENT PROJECT MG		. ANDERSEN CHNICAL MGR	D. BUTCHE PROJECT MO

APP APP		REFERENCES			APP	PWM 11NO	V20	0	G-005 E SAVED: 16-Sep-21 10:54 AM PLOTTED: 16-Sep-21 11:15 AM USER: LORENZ, MAX J
	REF NUMBER	TITLE		AS SHOWN	СНК	GRA 11NO	V20		DRAWING NO. REV
			AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	SCALE		MJL 11NO		GENERAL NOTES	
			PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED		DES				CLIENT DWG NO.
			ROBERT ANDERSEN ON 16SEP2021, USING AN SHA AUTHENTICATION CODE.	PROJECT NO.			MMYY SUBJECT		AREA CERTIFICATE OF AUTHORIZATION CA-5392
			ENGINEER, LICENSE NO. 77304.		ISSUED FOR BID				(813) 289-0750
			GLEN ROBERT ANDERSEN P.E., STATE OF FLORIDA, PROFESSIONAL	PROJECT PHASE					TAMPA, FL 33602
			STAMP/SEAL			PROJECT M	GR	LAKE MANATEE DAM	1101 CHANNELSIDE DR. UNIT 200
			THE EXPRESS PURPOSE FOR WHICH IT WAS INTENDED. ANY USE OF, OR RELIANCE ON, THIS DOCUMENT BY ANY THIRD PARTY IS AT THAT PARTY'S SOLE RISK.	A. ROSENSTEIN	G. ANDERSEN	D. BUTCHE		PHASE II REPAIRS TO THE	wood.
			DOCUMENT: (I) CONTAINS INFORMATION, DATA AND DESIGN THAT IS CONFIDENTIAL AND MAY NOT BE COPIED OR DISCLOSED; AND (II) MAY BE USED BY THE CLIENT ONLY IN THE CONTEXT AND FOR						Wood
			UNLESS OTHERWISE AGREED IN A WRITTEN CONTRACT BETWEEN WOOD AND ITS CLIENT, THIS	APPRO	/ED FOR				

FS

OCEDURES, RECOMMENDATIONS, AND RE INDICATED ON THE "GEOTECHNICAL EVALUATION PAIRS, LAKE MANATEE DAM" PROJECT NO. 300472x4, RED BY WOOD.

ION EQUIPMENT SHALL BE RESTRICTED TO E HOURS OF 7:00 AM AND 7:00 PM OR AS APPROVED ITY.

BE RESPONSIBLE FOR PREVENTING AIRBORNE HE CONSTRUCTION SITE BY WATERING AND/OR ICH A MANNER TO CONFINE DUST PARTICLES TO E OF WORK.

BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE DUE TO DUST OR EROSION RESULTING FROM THE TRACTOR.

OR IMPORT OF EARTHWORK, THE LOCATION) OR FROM IS SUBJECT TO THE COUNTY APPROVAL. BE ISSUED UNTIL THE COUNTY APPROVES THE

AND GRADING SHALL BE PERFORMED IN INES AND GRADES SHOWN ON THE DRAWINGS. ALL CCATED, SLAKED, OVERLY WET SOIL, DEBRIS ANY OTHER UNDESIRABLE SOIL SHALL BE EMOVAL MAY BE REQUIRED IF LOOSE OR SOFT ENTED FILL IS ENCOUNTERED AT THE BOTTOM OF

ORARY CUT SLOPES, AND TEMPORARY SHORING TH FLORIDA OSHA STANDARDS FOR TRENCHING AND

NG AND OVEREXCAVATION, THE SUBGRADE SHALL AND TESTED BY A REPRESENTATIVE OF THE NG SHALL NOT PROCEED UNTIL THE ENGINEER HAS DE IN WRITING, AND SHALL BE PERFORMED AS EER.

SHALL BE CLEARED AND STRIPPED OF ALL DEBRIS. ORGANIC AND/OR VEGETATION, AND REMNANTS ITION OF EXISTING PAVEMENTS.

D IN LOOSE LIFTS NOT TO EXCEED 8 INCHES LOOSE TO 95% OF THE MAXIMUM DRY DENISTY IN REQUIREMENTS OF ASTM D1557.

L MATERIAL WHICH DOES NOT MEET THE E REMOVED AND REPLACED AT NO ADDITIONAL

ILL SHALL BE COMPACTED BY APPROVED METHODS FICATIONS AND RECOMMENDATIONS OF THE

ACTED IN ACCORDANCE WITH THE REQUIREMENTS

RE INCLUDED IN THE SUPPLEMENTAL CONDITIONS

EEN DESIGNATED BY THE OWNER FOR THIS CONTRACTOR REQUIRE ADDITIONAL AREAS TO BE CTION, REQUESTS SHOULD BE MADE THROUGH THE NTATIVE.

SPONSIBLE FOR THE SECURITY NOR THE SAFETY

DTECT ALL WETLANDS AND ASSOCIATED BUFFERS IN EPARTMENT OF ENVIRONMENTAL PROTECTION

CCESS TO THE EXISTING DOCK FOR THE OUGHOUT THE PROJECT SUBJECT TO THE

BLE FOR PROVIDING ALL ADDITIONAL FACILITIES R ACCESS AT NO ADDITIONAL COST TO THE OWNER

UIREMENTS OR FACILITIES SHALL BE REQUESTED E PRECONSTRUCTION KICKOFF MEETING

TAIN ALL NECESSARY PERMITS AND APPROVALS NOT OWNER FOR THE INSTALLATION OF TEMPORARY FACILITIES DEEMED NECESSARY TO PERFORM

BE USED FOR TRANSPORTATION OF PERSONNEL UIPMENT

SED BY THE OWNER ON A DAILY BASIS AND RDINATE ALL USE WITH THE OWNER

USE THE RESERVOIR FOR ANY RECREATIONAL

ENVIRONMENT

- 64. CONTRACTOR SHALL FOLLOW ALL BEST MANAGEMENT PRACTICES FOR SESC CONTROL AND ALL APPLICABLE PERMITS
- 65. CONTRACTOR IS MADE AWARE THAT THERE ARE DANGEROUS SPECIES PRESENT IN THE WORK AREA
- CONTRACTOR WILL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT 66. ENDANGERED SPECIES IN ACCORDANCE WITH FDEP REQUIREMENTS
- 67. LEAST TERNS USE THE UPSTREAM SLOPE OF THE DAM AS A NESTING AREA
- 68. BALD EAGLES ARE COMMON TO THIS AREA

FEDERALLY LISTED SPECIES IN MANATEE COUNTY, FLORIDA

THE FOLLOWING TABLE LISTS THOSE FEDERALLY-LISTED SPECIES KNOWN TO BE PRESENT IN THE COUNTY.

CODE KEY: E = ENDANGERED, T = THREATENED, CH = CRITICAL HABITAT DESIGNATED, C = CANDIDATE NOTE 1

CATEGORY SPECIES COMMON NAME SPECIES SCIENTIFIC NAME CODE MAMMALS WEST INDIAN (FLORIDA) MANATEE TRICHECHUS MANATUS LATIROSTRIS E/CH

BIRDS AUDUBON'S CRESTED CARACARA POLYBORUS PLANCU AUDUBONII T PIPING PLOVER CHARADRIUS MELODUS T

FLORIDA SCRUB-JAY APHELOCOMA COERULUSCENS T

WOOD STORKMYCTERIA AMERICANA E

RED-COCKADED WOODPECKER PICOIDES BOREALIS E

FISH GULF STURGEON ACIPENSER OXYRHYNCHUS DESOTOI T

REPTILES GOPHER TORTOISE GOPHERUS POLYPHEMUS C

EASTERN INDIGO SNAKE DYMARCHON CORAIS COUPERI T

PLANTS FLORIDA PERFORATE CLADONIA CLADONIA PERFORATA E

PROTECTION OF EXISTING STRUCTURES

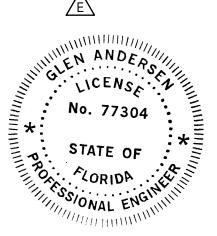
- 69. CONTRACTOR SHALL PROTECT EMBANKMENTS ON BOTH SIDES OF THE DAM
- 70. CONTRACTOR SHALL PROTECT ALL LAKE MANATEE FACILITIES AND STRUCTURAL COMPONENTS INCLUDING BUT NOT LIMITED TO: APPROACH WALLS, TRAINING WALLS, OGEE SECTION, FRESHWATER INTAKE STRUCTURES, PUMP HOUSE, PRODUCT SILOS, AND ASSOCIATED APPURTENANCES, ETC.
- CONTRACTOR IS MADE AWARE THAT LAKE MANATEE IS AN IMPORTANT 71. POTABLE WATER SOURCE FOR THE MANATEE COUNTY AND ITS PROVIDERS. THE PRIMARY INTAKE STRUCTURE (INTAKE 1) ASSOCIATED WITH SUPPLYING WATER TO THE WATER TREATMENT PLANT WILL BE OFFLINE DURING CONSTRUCTION. THE SECONDARY INTAKE STRUCTURE (INTAKE 2) WILL BE USED BY THE COUNTY DURING CONSTRUCTION ACTIVITIES. CONTRACTOR IS MADE AWARE THAT INTAKE 2 SHALL NOT BE DISTURBED AT ANY TIME DURING CONSTRUCTION. CONTRACTOR SHALL INSTALL ALL NECESSARY MEASURES TO PROTECT INTAKE 2 AND ITS ABILITY TO PROVIDE WATER TO THE WATER TREATMENT PLANT.

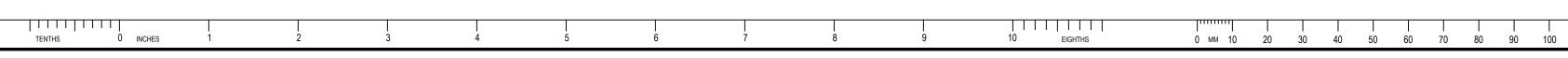
ROADWAY RESTORATION

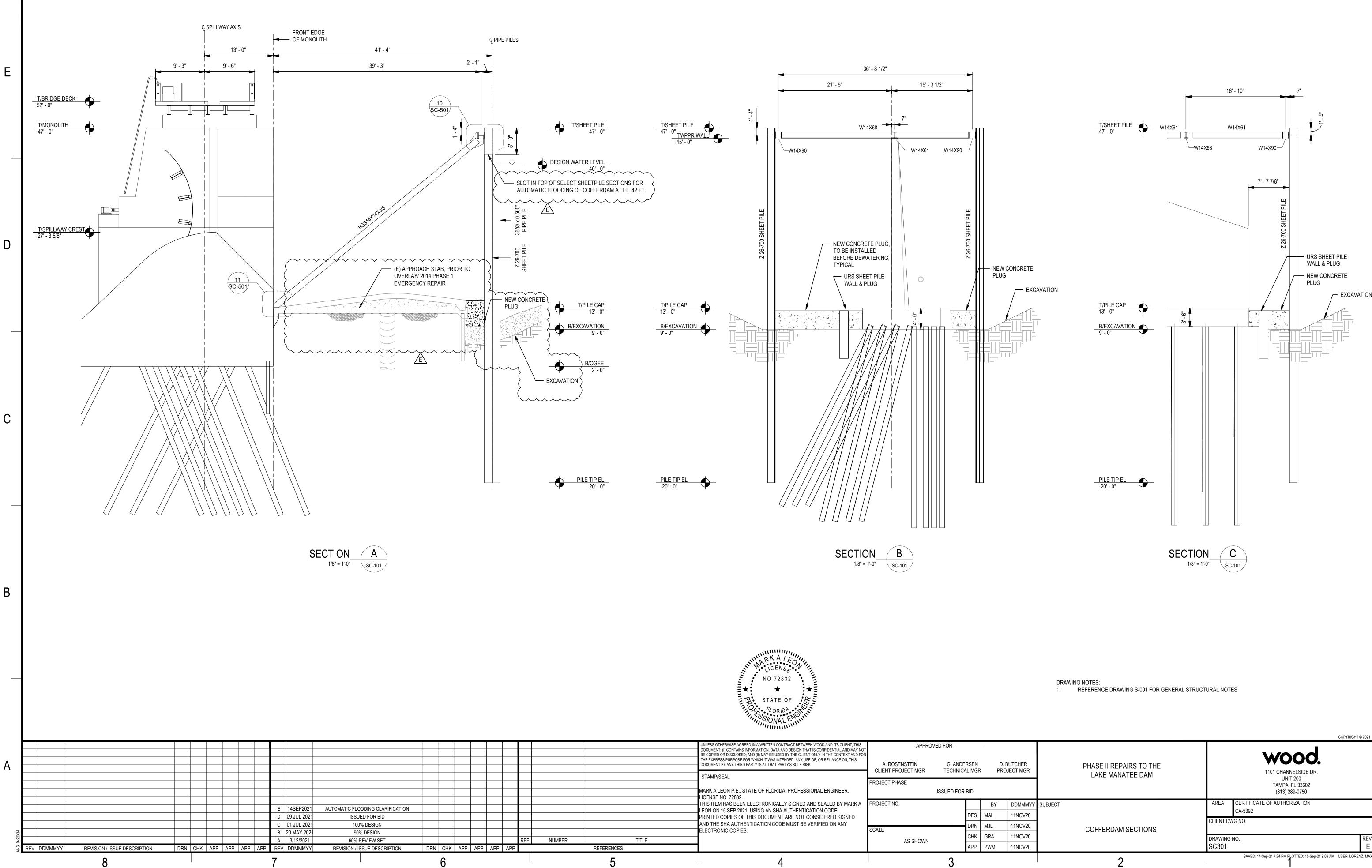
72. CONTRACTOR SHALL PERFORM A PRE-CONSTRUCTION CONDITION ASSESSMENT OF ASPHALT ROADWAY AND BASE EXTENDING FROM ACCESS GATE TO EMERGENCY SPILLWAY, AND ALL ANCILLARY SERVICE ROADS THAT WILL BE USED DURING CONSTRUCTION. IF DURING THIS PRE-CONSTRUCTION ASSESSMENT IT IS DETERMINED THAT LOCALIZED ASPHALT BASE MATERIAL IS NO LONGER FUNCTIONAL, CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE.

- 73. POST-CONSTRUCTION ASPHALT RESTORATION SHALL INCLUDE FULL-DEPTH MILLING, DAMAGED BASE MATERIAL REPAIRS, AND INSTALLATION OF 2" ASPHALT CONCRETE FRICTION COURSE PER FDOT STANDARDS (SECTION 330 AND SECTION 337). LIMITS OF ASPHALT RESTORATION SHALL INCLUDE FULL WIDTH OF THE FOLLOWING ROADWAYS:
 - ENTIRE CREST OF DAM FROM THE BEGINNING OF ACCESS ROAD AT THE PLANT TO THE EMERGENCY SPILLWAY
 - NORTHERN AND SOUTHERN TOE ACCESS ROADWAYS
 - PLANT SERVICE ROAD FROM LAYDOWN AREA TO DAM CREST ROADWAY
 - ALL OTHER ROADWAYS DAMAGED DURING COURSE OF CONSTRUCTION

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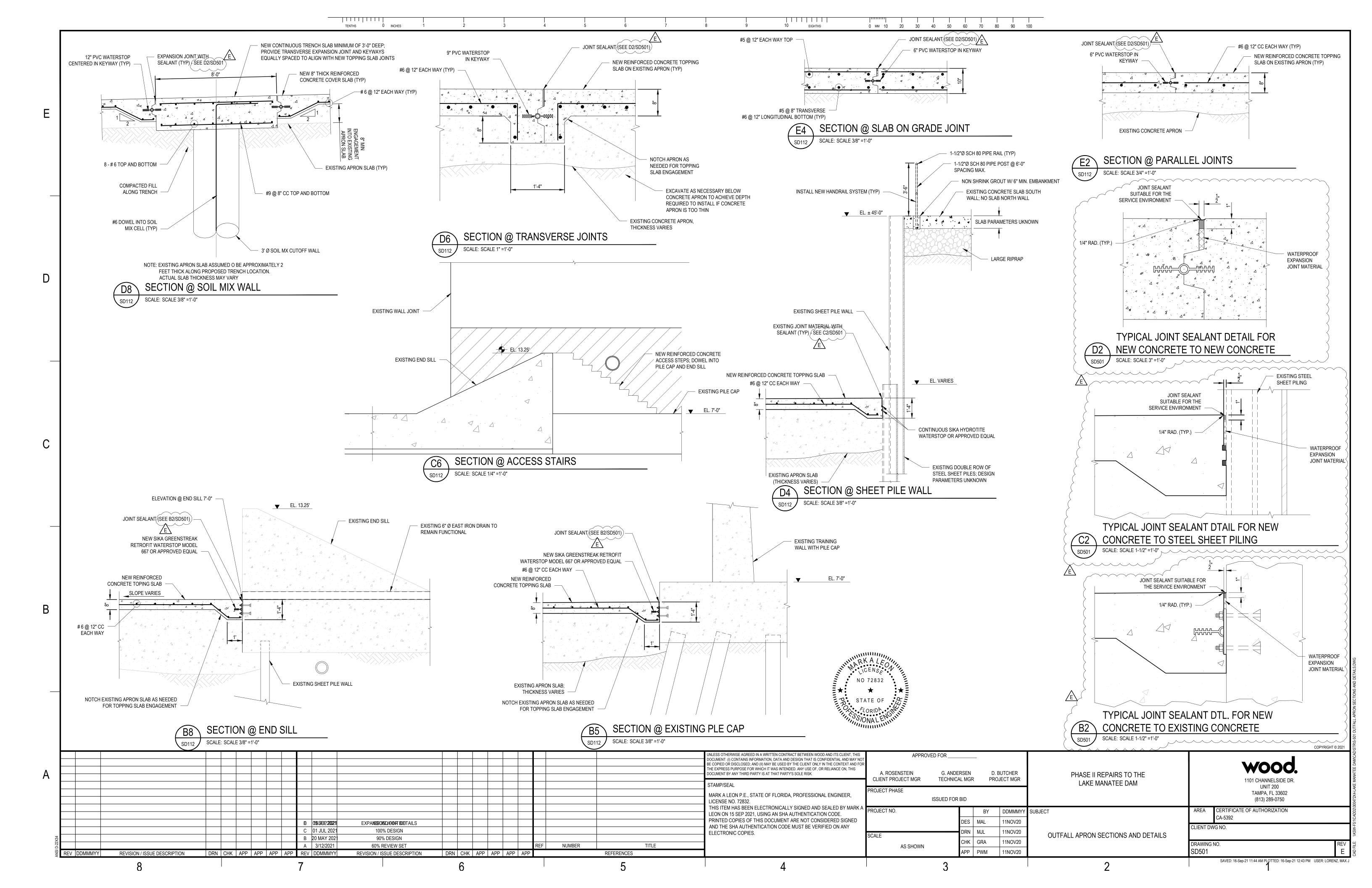


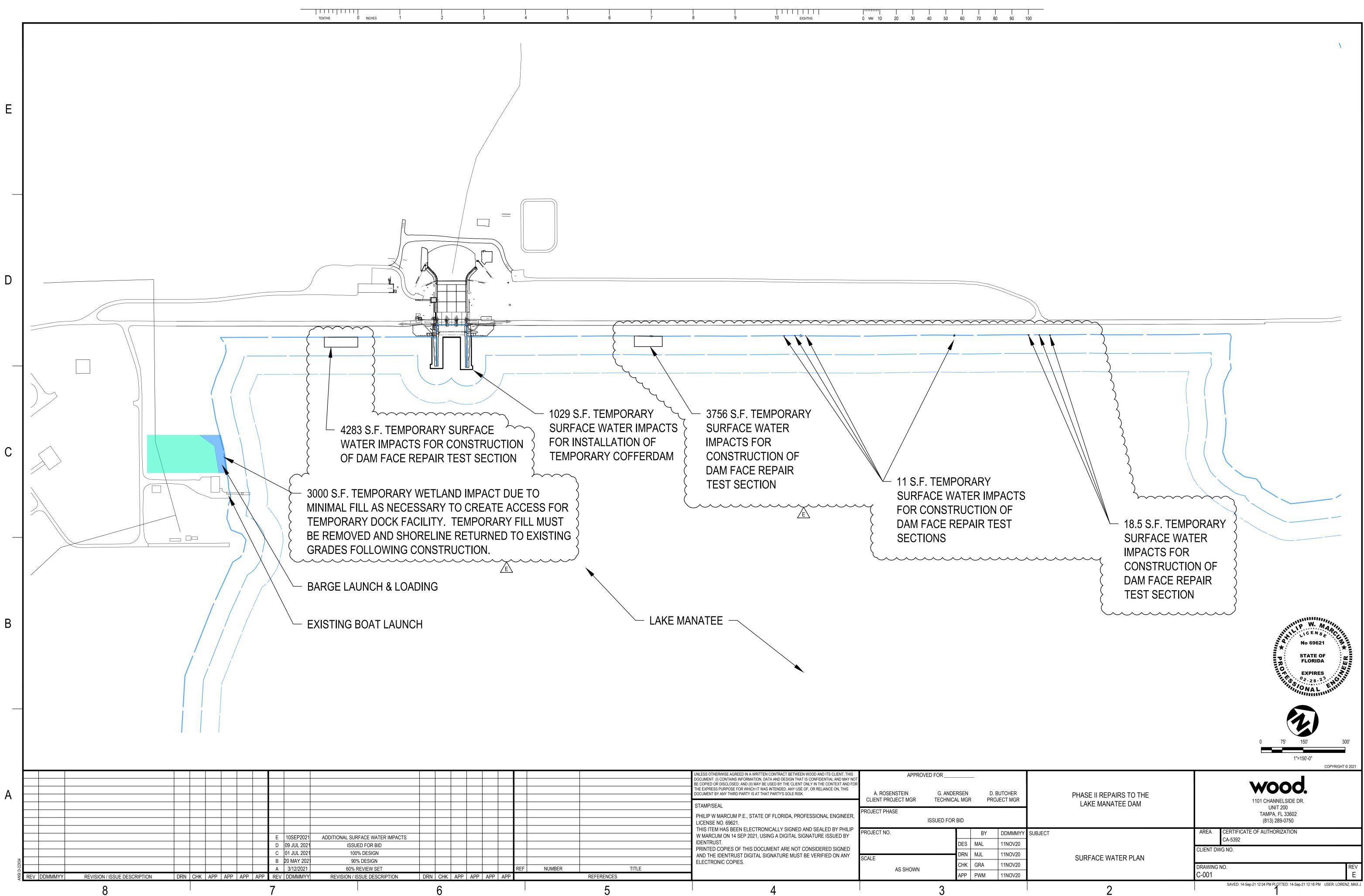




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CHER T MGR	PHASE II REPAIRS TO THE LAKE MANATEE DAM		WOOD. 1101 CHANNELSIDE DR. UNIT 200 TAMPA, FL 33602 (813) 289-0750	
DMMMYY	SUBJECT	AREA	CERTIFICATE OF AUTHORIZATION	
NOV20			CA-5392	
NOV20	COFFERDAM SECTIONS	CLIENT DW	/G NO.	
NOV20	COLLERDAM SECTIONS	DRAWING	NO	REV
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