

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



FERRY TERMINALS AT CHEBEAGUE,
CLIFF, GREAT DIAMOND AND PEAKS
ISLANDS

CUMBERLAND COUNTY
CASCO BAY
STATE WIN: 024685.01
PROJECT LENGTH 0.000 mi.
FEDERAL WIN # 02468501

DRAWING INDEX

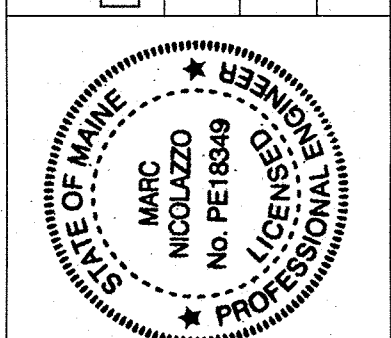
DRAWING TITLE	DRAWING NO
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PROJECT
LOCATIONS

PROJECT LOCATION	FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS IN CASCO BAY
PROGRAM AREA	MULTIMODAL
OUTLINE OF WORK	VARIOUS STRUCTURAL REPAIRS TO FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	<i>[Signature]</i>	9-12-24
CHIEF ENGINEER: <i>[Signature]</i>	<i>[Signature]</i>	9-11-2024



SIGNATURE	P.E. NUMBER	DATE
<i>[Signature]</i>	18349	8/23/2024

INFORMATION	PROJECT	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
MULTI-MODAL	PROJECT	PROGRAM	BRYAN KEIZER, P.E.	MARC NICOLAZZO, P.E.	STANTEC	PROJECT RESIDENT	CONTRACTOR	

FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS	TITLE SHEET - LOCATION MAP AND INDEX
---	--------------------------------------

SHEET NUMBER	T1
1 OF 19	

Date: \$date\$

Username: \$user\$

Division: \$wkgroup\$

Filename: \$file\$

GENERAL NOTES:

1.

ALL DIMENSIONS, DETAILS AND EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. VERIFY THE LOCATION ELEVATION, SIZE AND MATERIAL OF ALL UTILITIES. PROTECT ALL UTILITY LINES AND STRUCTURES THROUGHOUT ALL PHASES OF WORK. NO UTILITY SERVICES SHALL BE INTERRUPTED WITHOUT PRIOR APPROVAL FROM THE TOWN.
2.

CALL DIGSAFE AT 1-888-DIGSAFE PRIOR TO ANY WORK.
3.

UNLESS OTHERWISE NOTED, VERIFY, LOCATE AND PROTECT ALL EXISTING FEATURES TO REMAIN, INCLUDING, BUT NOT LIMITED TO, SIGNS, SIGN POSTS, CURBS AND BUILDINGS.
4.

PREVENT ANY DISTURBANCE OR DAMAGE TO ADJACENT PROPERTIES.
5.

WHERE THE WORK COINCIDES WITH EXISTING TRAVELED WAYS, THE CONTRACTOR SHALL PERFORM THE WORK IN A MANNER ACCEPTABLE TO THE OWNER SO THAT INTERFERENCE WITH AND INCONVENIENCE TO OPERATIONS, ON ACCOUNT OF THE WORK, IS KEPT TO A MINIMUM. MAINTAIN SAFE AND REASONABLE INGRESS TO AND EGRESS FROM ABUTTING BUILDINGS AND TRAVELED WAYS. MAINTAIN SAFE AND UNENCUMBERED ACCESS THROUGHOUT THE WORK AREA AT ALL TIMES FOR EMERGENCY AND PUBLIC SAFETY SERVICES.
6.

PROJECT DATUM AT EACH SITE IS MLW = 0.0'
7.

SURVEY INFORMATION FURNISHED OR REFERRED TO IN THIS PLAN SET IS FOR THE USE OF THE BIDDERS AND THE CONTRACTOR. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF ACTUAL SUBSURFACE CONDITIONS AT THE CONSTRUCTION SITE. MAINEDOT WILL NOT BE RESPONSIBLE FOR THE BIDDERS' OR CONTRACTOR'S INTERPRETATIONS OF, OR CONCLUSIONS DRAWN FROM, THE INFORMATION. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN THE ELEVATIONS PROVIDED.
8.

QUANTITIES INCLUDED FOR PAY ITEMS MEASURED AND PAID FOR BY LUMP SUM ARE ESTIMATED QUANTITIES AND ARE PROVIDED BY MAINEDOT FOR INFORMATIONAL PURPOSES ONLY. LUMP SUM PAY ITEMS WILL BE PAID FOR AT THE CONTRACT BID AMOUNT, WITH NO ADDITION OR REDUCTION IN PAYMENT TO THE CONTRACTOR IF THE ACTUAL FINAL QUANTITIES ARE DIFFERENT FROM THE MAINEDOT PROVIDED ESTIMATED QUANTITIES, EXCEPT AS FOLLOWS:

a.

IF A LUMP SUM PAY ITEM IS ELIMINATED, THE REQUIREMENTS OF STANDARD SPECIFICATIONS SECTION 109.2, ELIMINATION OF ITEMS, WILL TAKE PRECEDENCE.

b.

IF OTHER CONTRACT DOCUMENTS SPECIFICALLY ALLOW A CHANGE IN PAYMENT FOR A LUMP SUM PAY ITEM, THOSE REQUIREMENTS WILL BE FOLLOWED.

c.

IF A DESIGN CHANGE RESULTS IN CHANGES TO ESTIMATED QUANTITIES FOR LUMP SUM PAY ITEMS, PRICE ADJUSTMENTS WILL BE MADE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 109.7 EQUITABLE ADJUSTMENTS TO COMPENSATION.

SPECIFICATIONS AND CODES:

1.

PROJECT SPECIFICATIONS.
2.

STATE OF MAINE, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION, MARCH 2020, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.
3.

AMERICAN WOOD COUNCIL, NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION, 2024, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.

STRUCTURAL NOTES:

A. TIMBER PILES:

1.

TIMBER PILES FOR PIER FOUNDATIONS SHALL BE SOUTHERN YELLOW PINE, CLEAN-PEELED AND TREATED WITH CCA IN ACCORDANCE WITH AWPA U1—23 AND T1-23. CCA SHALL CONFORM TO AWPA P23. THE RETENTION OF PRESERVATIVE SHALL NOT BE LESS THAN 2.5 PCF.
2.

TIMBER PILES FOR FENDER SHALL BE GREENHEART (NECTANDRA RODIOEI), CLEAN-PEELED CONFORMING TO THE GUYANA GRADING RULES.

LEGEND:

- VERTICAL
- ⊃

BATTER PILE

3.

TIMBER PILES SHALL BE IN ACCORDANCE WITH ASTM D25.

B. TIMBER:

1.

ALL TIMBER SHALL BE TREATED SOUTHERN YELLOW PINE AS LISTED BELOW:

ITEM	TREATMENT			
	ACQ	CCA	DRESSING	GRADE
DECK PLANKING	0.6 PCF		S4S	S.Y.P. NO. 1 DENSE
CURB & RAIL	0.6 PCF		S4S	S.Y.P. NO. 1
CAPS, INTERIOR STRINGERS, CRIB PLANKS	2.5 PCF	S2E		S.Y.P. NO. 1 DENSE
EXTERIOR STRINGERS	2.5 PCF	S4S		S.Y.P. NO. 1 DENSE
BRACING	2.5 PCF	S2S		S.Y.P. NO. 1 DENSE

2.

PRESSURE TREATMENT SHALL BE IN ACCORDANCE WITH AWPA STANDARD P5. TREATMENT SHALL BE BY THE FULL CELL PROCESS IN ACCORDANCE WITH AWPA STANDARDS U1-10 AND T1-10.

3.

TIMBER SHALL BE INSPECTED BY AN INDEPENDENT COMMERCIAL LABORATORY PRIOR TO DELIVERY TO THE SITE.

C. HARDWARE:

1.

ALL HARDWARE AND FASTENERS SHALL BE HOT DIP GALVANIZED, UNLESS NOTED OTHERWISE.
2.

ALL CONNECTION PLATES AND ANGLES SHALL CONFORM TO ASTM A36 AND BE HOT DIP GALVANIZED.
3.

ALL GALVANIZED BOLTS AND RELATED HARDWARE SHALL CONFORM TO ASTM A307. UNLESS OTHERWISE NOTED, STANDARD HOLES SHALL BE USED.

DESIGN LIVE LOADS:

TEMPORARY WALKWAYS:

1.

VERTICAL LOADS: - 100 PSF
2.

RAILINGS - SAME AS PIER RAILING:

A.

200 LBS CONCENTRATED LOAD ANY DIRECTION

B.

50 LBS PER LINEAR FOOT UNIFORM LOAD ANY DIRECTION

GREAT DIAMOND ISLAND FENDER DESIGN LOADS:

VESSELS:	MV MAQUOIT II	MV AUCOCISCO III
LENGTH	98'	110'
BEAM	32'	32'
MAX DISPLACEMENT	285 LONG TONS	2.5 PCF

GREAT DIAMOND ISLAND BERTHING LOADS:

BERTHING VELOCITY		ENERGY TO FENDER	MINIMUM FENDER DESIGN ENERGY	MAX REACTION
SHIP VELOCITY (Vs)	⊥ TO FENDER			
2.0 KNOTS	0.54 KNOTS	8,000 FT. LBS.	12,000 FT. LBS.	25,000 LBS.

ABBREVIATIONS:

ACQ	ALKALINE COPPER QUAT
ADA	AMERICAN WITH DISABILITIES ACT
ADD'L	ADDITIONAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWPA	AMERICAN WOOD PROTECTION ASSOCIATION
B'HEAD	BUTTONHEAD
CCA	CHROMATED COPPER ARSENATE
CONT	CONTINUOUS
C'SINK	COUNTERSINK
DIA OR Ø	DIAMETER
DO	DITTO
EL	ELEVATION
HDG	HOT DIP GALVANIZED
LBS	POUNDS
LG	LONG
MACH	MACHINE
MAX	MAXIMUM
MIN	MINIMUM
MHW	MEAN HIGH WATER
MLLW	MEAN LOWER LOW WATER
MLW	MEAN LOW WATER
OC	ON CENTER
PCF	POUNDS PER CUBIC FOOT
PL	PLATE
PSF	POUNDS PER SQUARE FOOT
PTL	PRESSURE TREATED LUMBER
SPCS	SPACES
SST	STAINLESS STEEL
SYP	SOUTHERN YELLOW PINE
SQ	SQUARE
TYP	TYPICAL
UHMW	ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE

LEGEND:

- ε—ε—

CONDUITS RUNNING ON TOP OF DECK OR CURB
- ε---ε---

CONDUITS RUNNING UNDER TIMBER PIER
- ①

BENT NUMBER

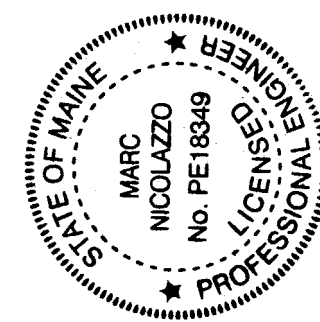
FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS

GENERAL NOTES

SHEET NUMBER

G1

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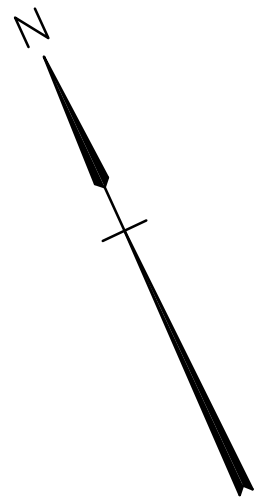


<i>Marc Nicolazo</i>	SIGNATURE
18349	
	P.E. NUMBER
8/23/2024	DATE

DATE	
BY	
PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGNED2-DETAILED2	
DESIGNED3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

WIN 024685.01

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE	
		COMMISSIONER:	CHIEF ENGINEER:

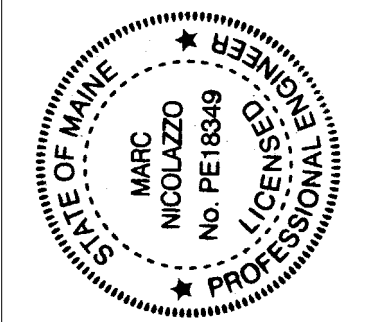


CLIFF ISLAND FERRY TERMINAL - EXISTING CONDITIONS
SCALE: 1/8" = 1'-0"

WIN 024685.01

FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS	PROJ. MANAGER	
	DESIGN-DETAILED	
	CHECKED-REVIEWED	
	DESIGNED2-DETAILED2	
CLIFF ISLAND FERRY TERMINAL – EXISTING CONDITIONS	DESIGNED3-DETAILED3	
	REVISIONS 1	
	REVISIONS 2	
	REVISIONS 3	
	REVISIONS 4	
	FIELD CHANGES	

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G2
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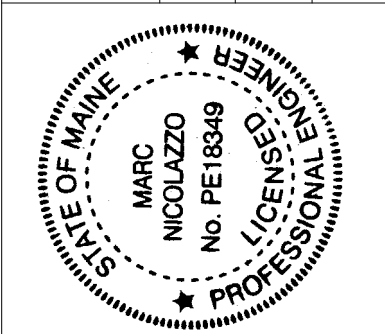



BY	DATE	SIGNATURE
		18349
		P.E. NUMBER
		8/23/2024
		DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
APPROVED	DATE
COMMISSIONER:	
CHIEF ENGINEER:	



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FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS		GREAT DIAMOND ISLAND FERRY TERMINAL – EXISTING CONDITIONS			
PROJ. MANAGER	BY	DATE			
DESIGN-DETAILED					
CHECKED-REVIEWED					
DESIGNED-DETAILED					
DESIGNED-DETAILED					
DESIGNED-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					
FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS			GREAT DIAMOND ISLAND FERRY TERMINAL – EXISTING CONDITIONS		
PROJ. MANAGER DESIGN-DETAILED CHECKED-REVIEWED DESIGNED-DETAILED DESIGNED-DETAILED DESIGNED-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES			BY DATE SIGNATURE 18349 P.E. NUMBER 8/23/2024 DATE		
STATE OF MAINE DEPARTMENT OF TRANSPORTATION			APPROVED COMMISSIONER: CHIEF ENGINEER:		
STATE OF MAINE DEPARTMENT OF TRANSPORTATION MARC NICOLAZO No. PE18349 LICENSED PROFESSIONAL ENGINEER			APPROVED COMMISSIONER: CHIEF ENGINEER:		



	SIGNATURE
18349	
P.E. NUMBER	
8/23/2024	
DATE	

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGNED-DETAILED2		
DESIGNED-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS
CHEBEAGUE ISLAND FERRY TERMINAL — EXISTING CONDITIONS

SHEET NUMBER

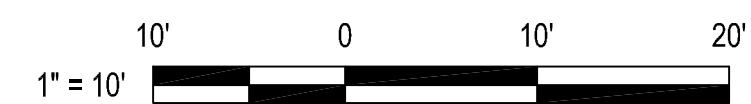
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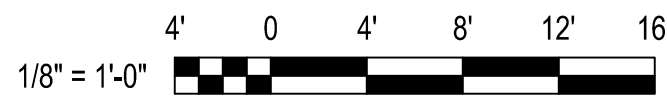
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CHEBEAGUE ISLAND FERRY TERMINAL - EXISTING CONDITIONS

SCALE: 1" = 10'






SCALE: 1/8" = 1'-0'



PROJ. MANAGER	BY	DATE
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGNED-DETAILED02		
DESIGNED3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		



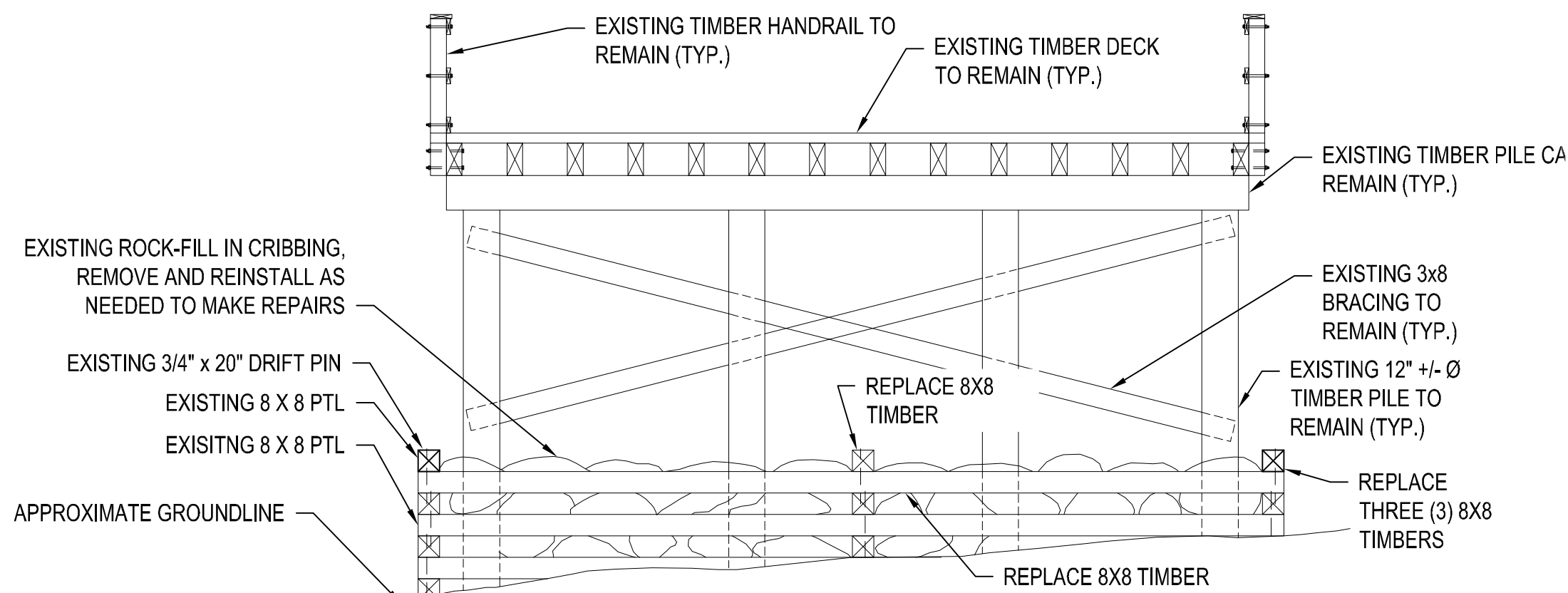
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Date: 8/23/2024

Username: jld

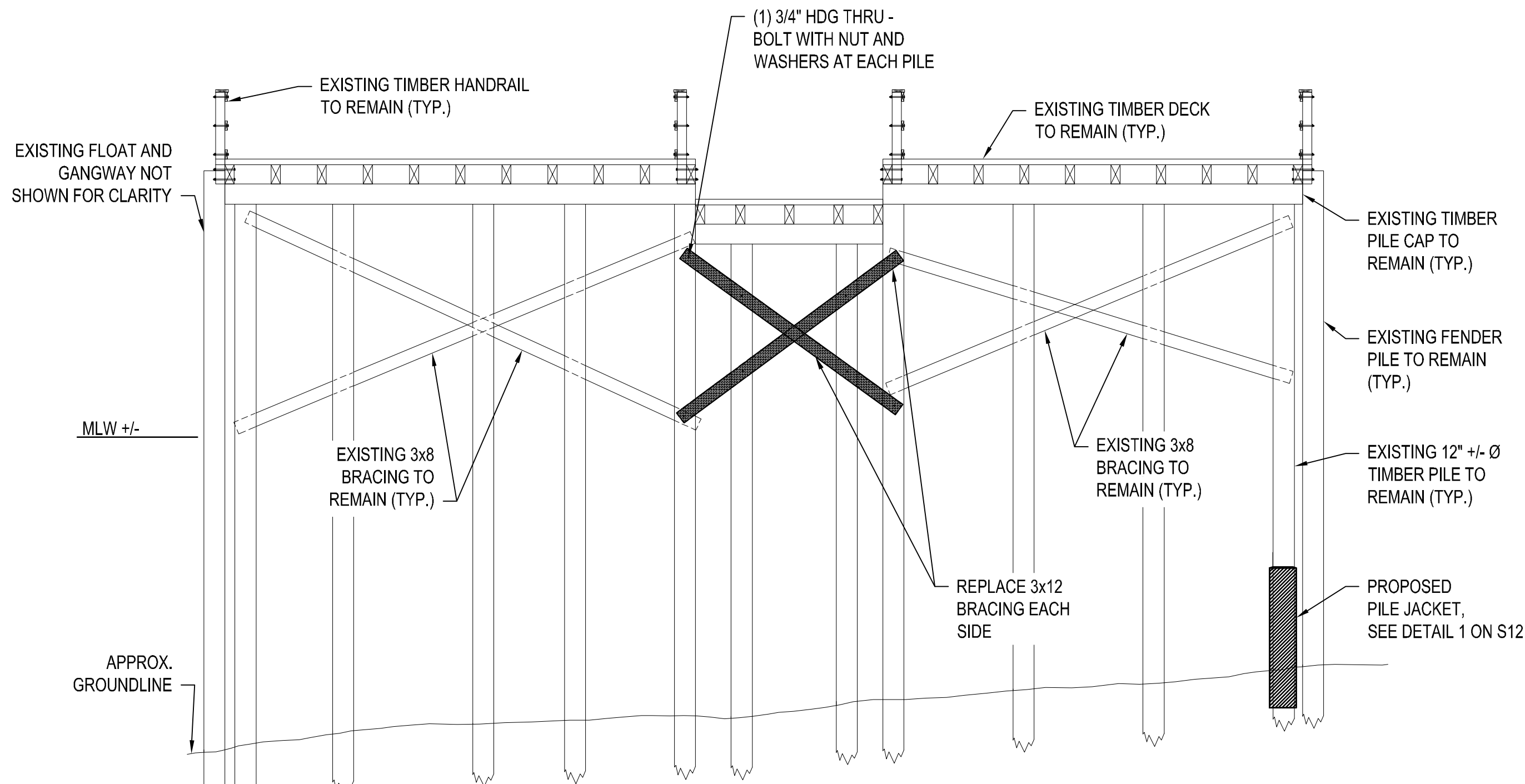
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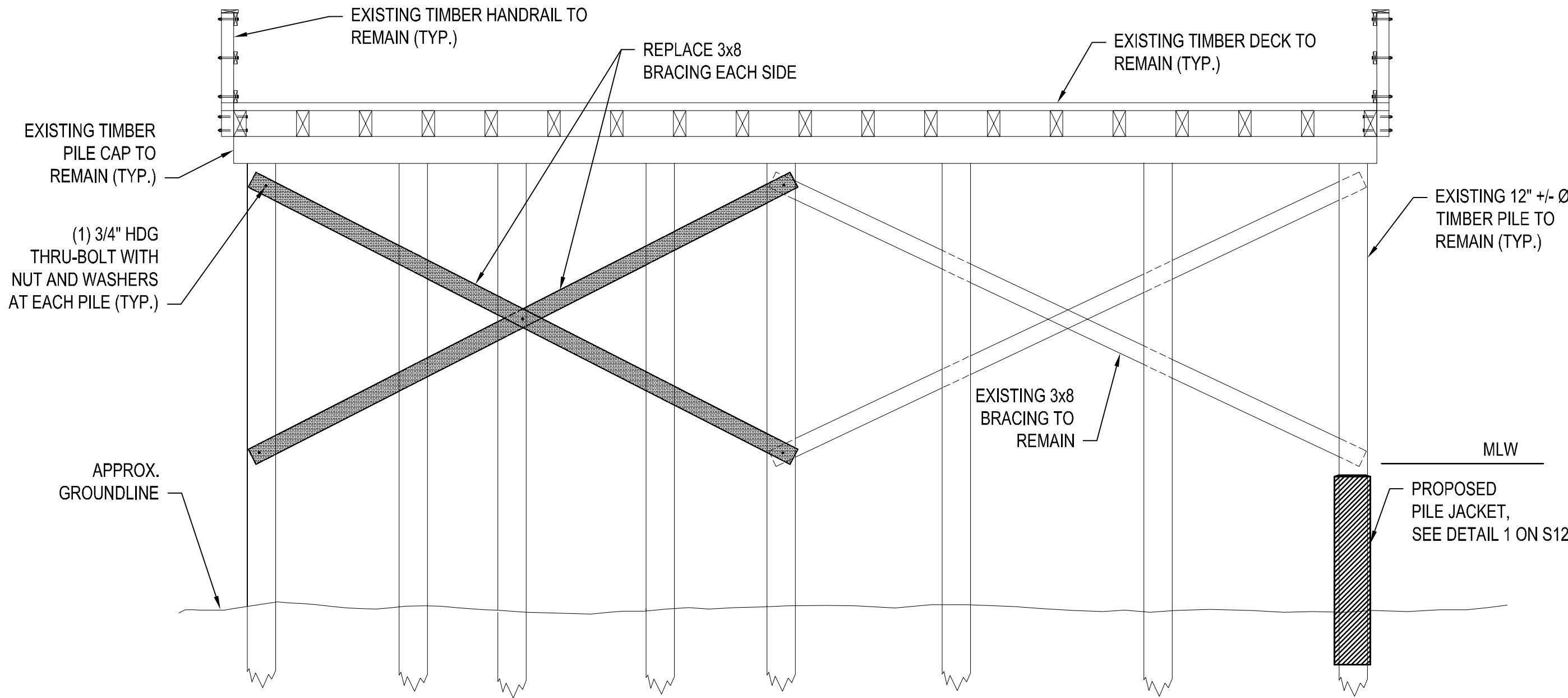


1 SECTION - BENT 4
SCALE: 3/16" = 1'-0" S1

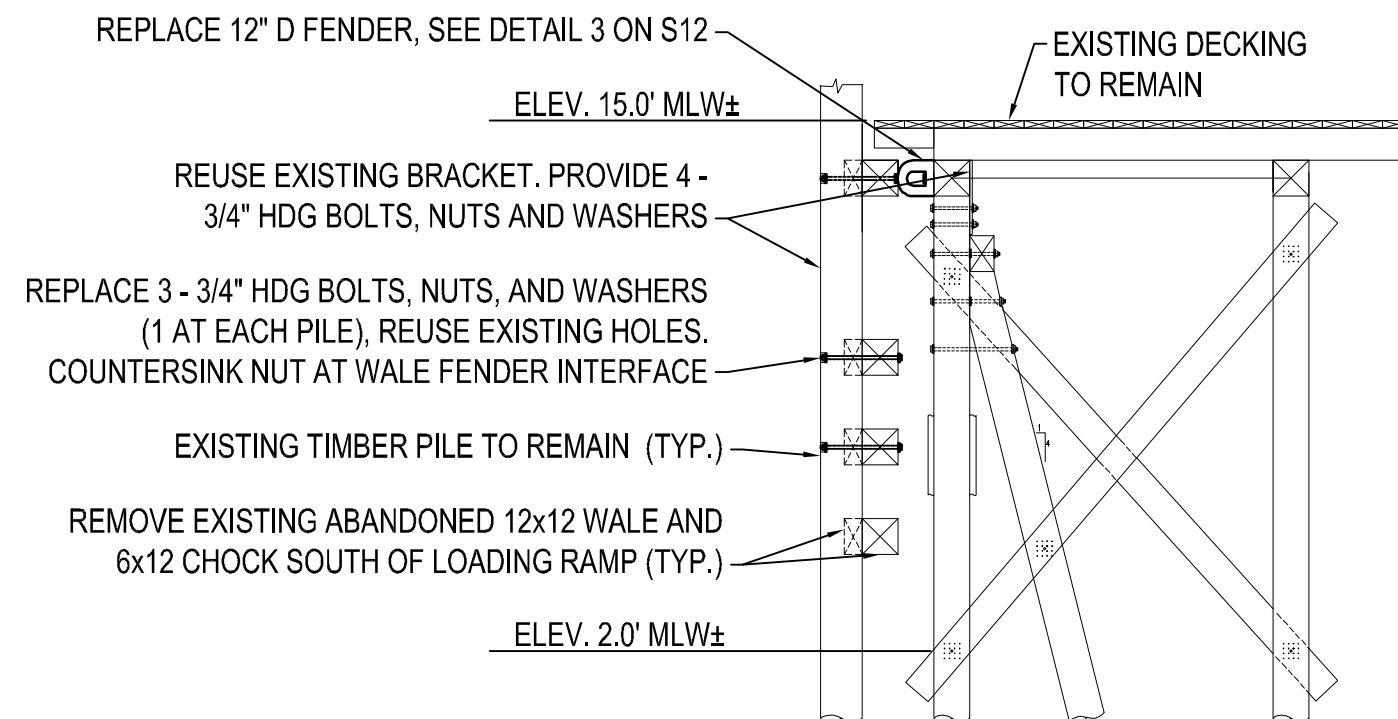
NOTE:
MLW IS BELOW APPROXIMATE GROUNDLINE.



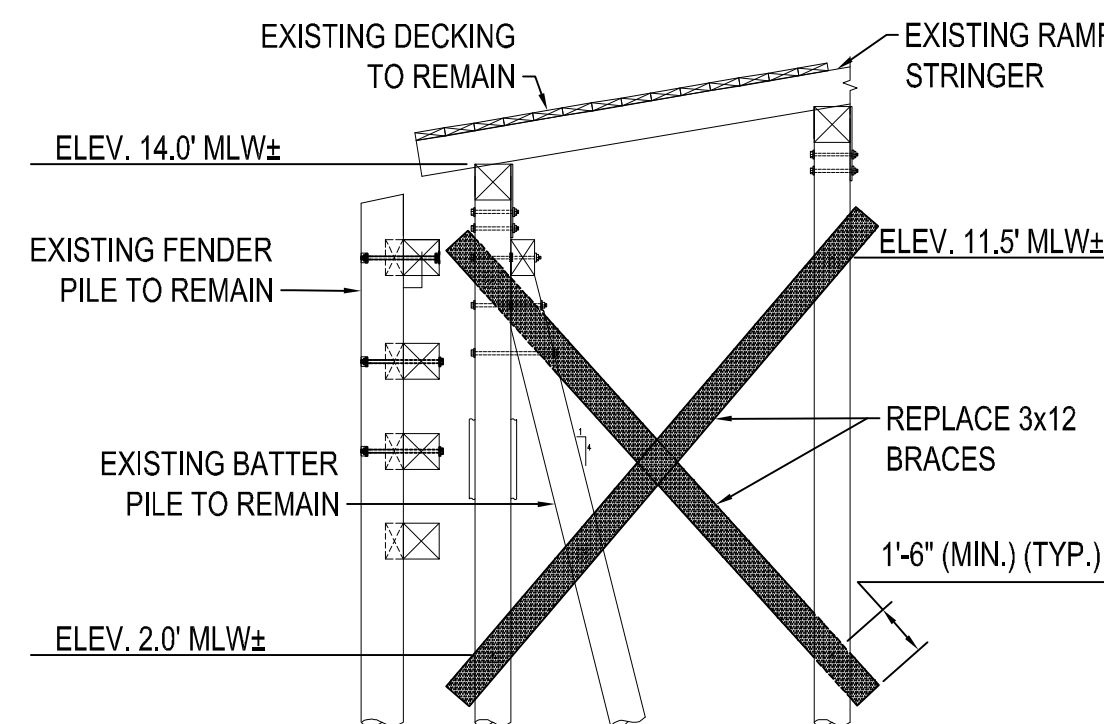
3 SECTION - BENT 10
SCALE: 1/4" = 1'-0" S1



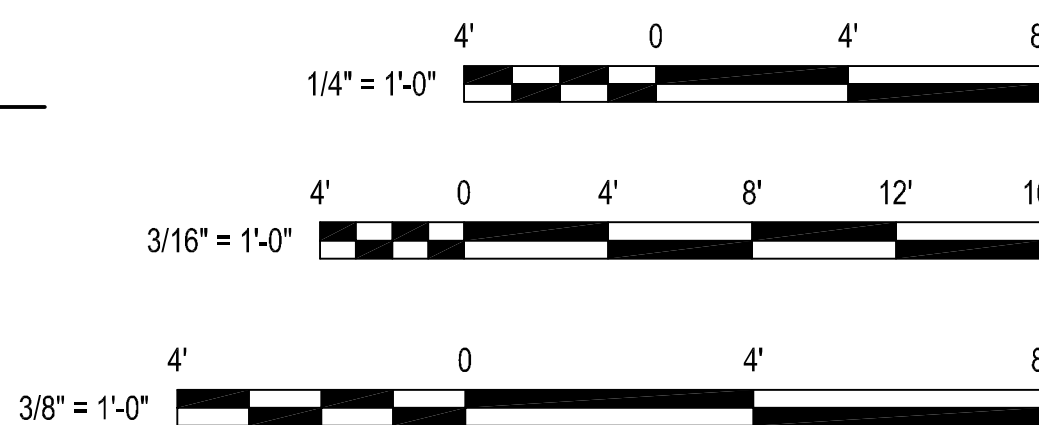
2 SECTION - BENT 8
SCALE: 3/16" = 1'-0" S1



4 SECTION
SCALE: 3/8" = 1'-0" S2



5 SECTION
SCALE: 3/8" = 1'-0" S1



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		APPROVED	DATE
COMMISSIONER:		CHIEF ENGINEER:	

STATE OF MAINE
MARC NICOLAZZO
No. PE18349
LICENSED PROFESSIONAL ENGINEER

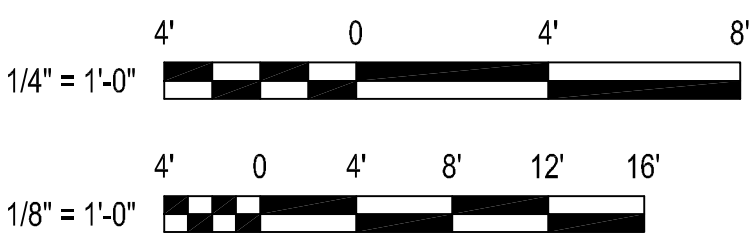
PROJ. MANAGER	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED			18349	8/23/2024
CHECKED-REVIEWED				
DESIGNED2-DETAILED2				
DESIGNED3-DETAILED3				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

FERRY TERMINALS AT CHEBEAGUE,
CLIFF, GREAT DIAMOND AND PEAKS
ISLANDS STRUCTURAL REPAIRS

CLIFF ISLAND FERRY TERMINAL –
SECTIONS

SHEET NUMBER
S3
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WIN 024685.01



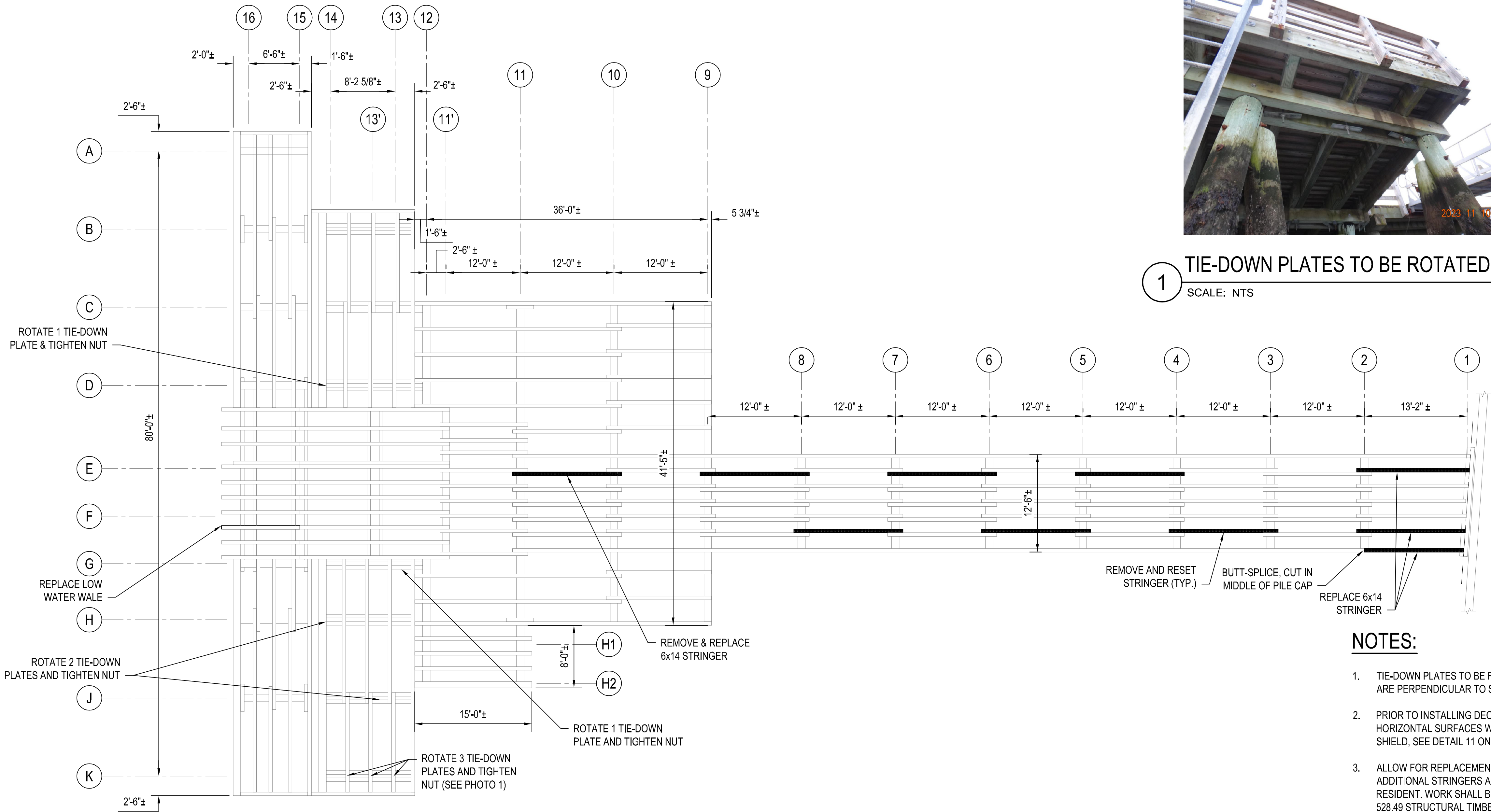
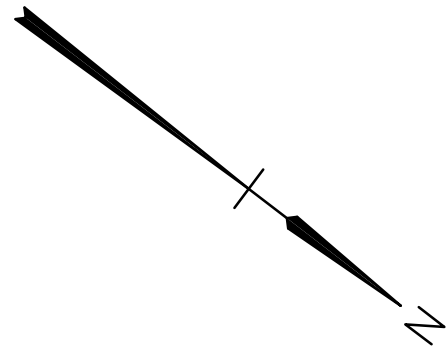
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Date: 8/23/2024

Username: brianb

Division: Structural

Filename: 1741115_01.dwg



1 TIE-DOWN PLATES TO BE ROTATED (TYP)
SCALE: NTS

NOTES:

- TIE-DOWN PLATES TO BE ROTATED SO THEY ARE PERPENDICULAR TO SPLIT CAPS.
- PRIOR TO INSTALLING DECKING, COVER HORIZONTAL SURFACES WITH ICE AND WATER SHIELD, SEE DETAIL 11 ON S13
- ALLOW FOR REPLACEMENT OF UP TO 12 ADDITIONAL STRINGERS AS DIRECTED BY THE RESIDENT. WORK SHALL BE PAID UNDER ITEM 528.49 STRUCTURAL TIMBER - GREAT DIAMOND ISLAND.

LEGEND:

- 1 BENT NUMBER
A PILE ROW DESIGNATION



GREAT DIAMOND ISLAND FERRY TERMINAL - FRAMING PLAN

SCALE: 1/8" = 1'-0"

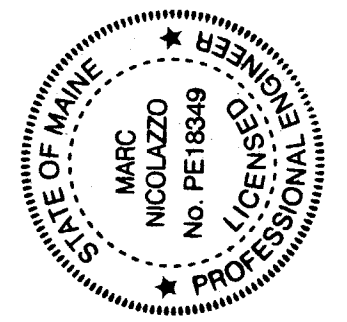
WIN 024685.01

FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS
GREAT DIAMOND ISLAND FERRY TERMINAL - FRAMING PLAN

SHEET NUMBER

S5

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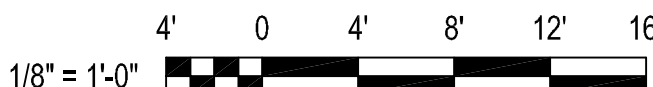


Signature: Marc Niccolazzo
P.E. NUMBER: 18349
DATE: 8/23/2024

PROJ. MANAGER	DATE	BY
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGNED2-DETAILED2		
DESIGNED3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
COMMISSIONER:
CHIEF ENGINEER:

1. SEE G1 FOR DECK PLANKING REQUIREMENTS.
2. PRIOR TO INSTALLING DECKING, COVER HORIZONTAL SURFACES WITH ICE AND WATER SHIELD.
3. REMOVE AND DISPOSE OF EXISTING DECKING.
4. FASTEN DECKING WITH TWO STAR DRIVE 8.0x200 STRUCTURAL SCREWS WITH INTEGRATED WASHER AT EACH STRINGER CROSSING.
5. SCREWS TO BE COATED FOR USE IN TREATED LUMBER.
6. LAY DECKING WITH 1/4" OPEN JOINTS BETWEEN DECK BOARDS.
7. 14'-0" MINIMUM PLANK LENGTHS.
8. STAGGER JOINTS.
9. ELECTRICAL SHELTER WORK WILL BE PAID FOR UNDER ITEM 910.301 SHELTER ELECTRICAL WORK - GREAT DIAMOND ISLAND



SCALE: 1/8" = 1'-0"



1

BENT 5 - 6

SCALE: NTS

S8



2

BENT 7-8

SCALE: NTS

S4, S8



3

CURB - HANDRAIL DETAIL

SCALE: NTS

S6




4

HANDRAIL POST

SCALE: NTS

S6

WIN 024685.01

FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS	PROJ. MANAGER		BY	DATE	
	DESIGN-DETAILED				
	CHECKED-REVIEWED				
	DESIGNED2-DETAILED2			SIGNATURE	
	DESIGNED3-DETAILED3			18349	
	REVISIONS 1			P.E. NUMBER	
	REVISIONS 2			8/23/2024	
	REVISIONS 3			DATE	
	REVISIONS 4				
	FIELD CHANGES				
GREAT DIAMOND ISLAND FERRY TERMINAL – GENERAL PHOTOS					
SHEET NUMBER					
S7					
13 OF 19					
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					
APPROVED					DATE
COMMISSIONER:					
CHIEF ENGINEER:					

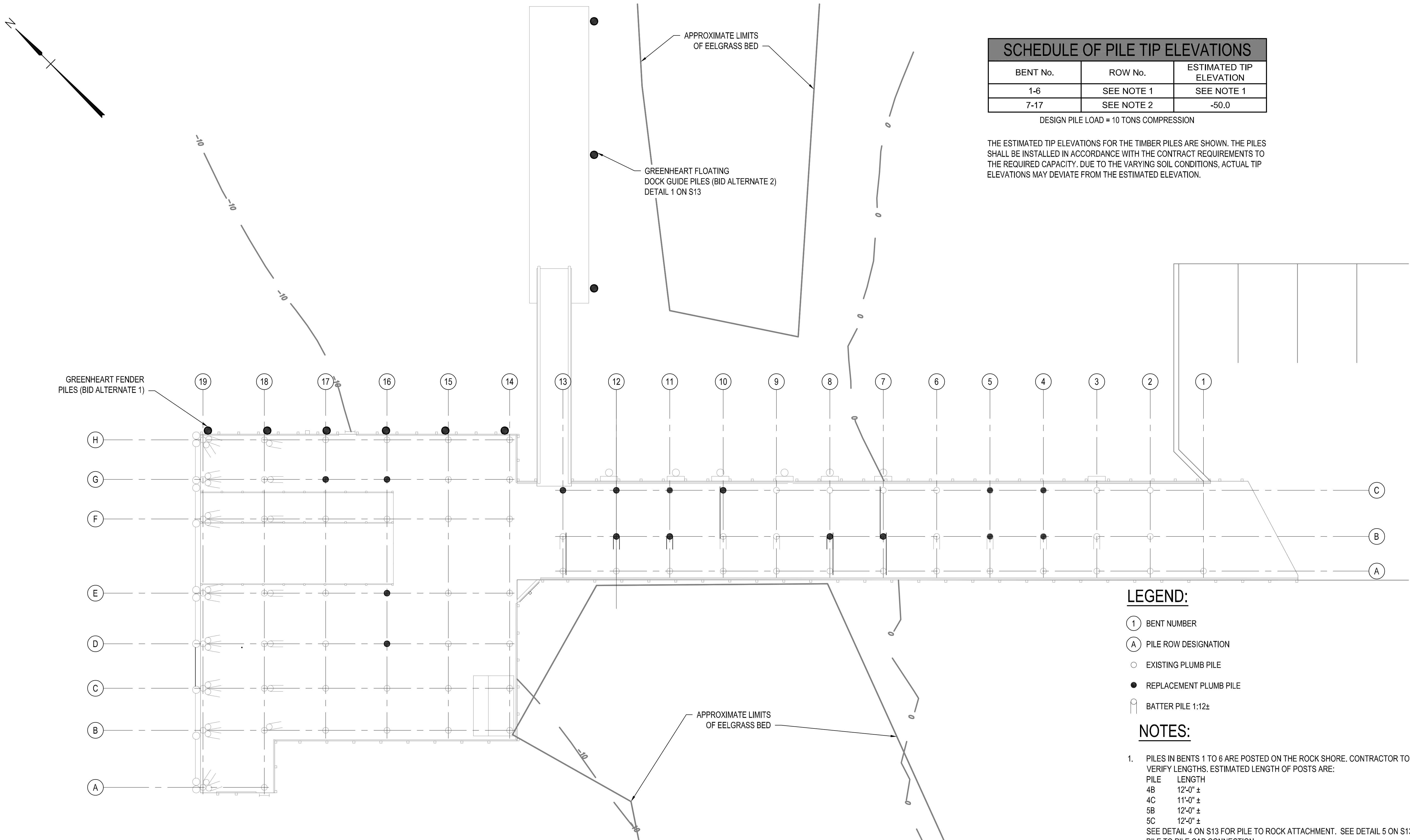
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Filename: \$file\$

Division: \$wkgroup\$

Username: \$user\$

Date: \$date\$



SCHEDULE OF PILE TIP ELEVATIONS		
BENT No.	ROW No.	ESTIMATED TIP ELEVATION
1-6	SEE NOTE 1	SEE NOTE 1
7-17	SEE NOTE 2	-50.0

DESIGN PILE LOAD = 10 TONS COMPRESSION

THE ESTIMATED TIP ELEVATIONS FOR THE TIMBER PILES ARE SHOWN. THE PILES SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS TO THE REQUIRED CAPACITY. DUE TO THE VARYING SOIL CONDITIONS, ACTUAL TIP ELEVATIONS MAY DEVIATE FROM THE ESTIMATED ELEVATION.

LEGEND:

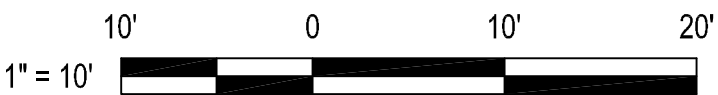
- 1 BENT NUMBER
- A PILE ROW DESIGNATION
- EXISTING PLUMB PILE
- REPLACEMENT PLUMB PILE
- 1/2 BATTER PILE 1:12±

NOTES:

- PILES IN BENTS 1 TO 6 ARE POSTED ON THE ROCK SHORE. CONTRACTOR TO FIELD VERIFY LENGTHS. ESTIMATED LENGTH OF POSTS ARE:
PILE LENGTH
4B 12'-0" ±
4C 11'-0" ±
5B 12'-0" ±
5C 12'-0" ±
SEE DETAIL 4 ON S13 FOR PILE TO ROCK ATTACHMENT. SEE DETAIL 5 ON S13 FOR PILE TO PILE CAP CONNECTION.
- THE FOLLOWING PILES WILL BE REPLACED: 7B, 8B, 10C, 11B, 11C, 12B, 12C, 13C, 16D, 16E, 16G, 17G.
- PILES IN BENTS 7 TO 19 ARE DRIVEN INTO THE OVERBURDEN.
- PILES ARE BRACED WITH 4x8, HORIZONTAL AND DIAGONAL BRACING. BRACING TO BE REMOVED AND REINSTALLED PROVIDE NEW HOT-DIP GALVANIZED HARDWARE. SEE PHOTOS 1 AND 2 ON S7 FOR BRACING CONNECTIONS
- NEW BRACING TO BE 4x8 AND SHALL EXTEND 1'-0" MINIMUM BEYOND FASTENER.
- PILE BRACING FASTENERS AT LOW WATER FROM BENTS 14 TO 19 ARE HEAVILY CORRODED. PROVIDE 72 FASTENERS (1" Ø HDG BOLTS WITH NUTS AND WASHERS) AT LOW WATER CONNECTIONS AS DIRECTED BY THE RESIDENT. WORK SHALL BE PAID UNDER ITEM 528.XX PILE BRACING FASTENER
- ALLOW FOR REPLACEMENT OF UP TO 6 ADDITIONAL BRACES AS DIRECTED BY THE RESIDENT. WORK SHALL BE PAID UNDER ITEM 528.49 - STRUCTURAL TIMBER - CHEBEAGUE ISLAND.

CHEBEAGUE ISLAND FERRY TERMINAL - PILE PLAN

SCALE: 1" = 10'



WIN 024685.01

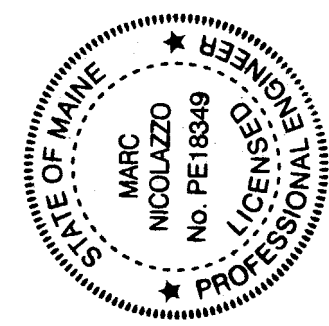
FERRY TERMINALS AT CHEBEAGUE,
CLIFF, GREAT DIAMOND AND PEAKS
ISLANDS STRUCTURAL REPAIRS

CHEBEAGUE ISLAND FERRY TERMINAL
- PILE PLAN

SHEET NUMBER

S8

14 OF 19



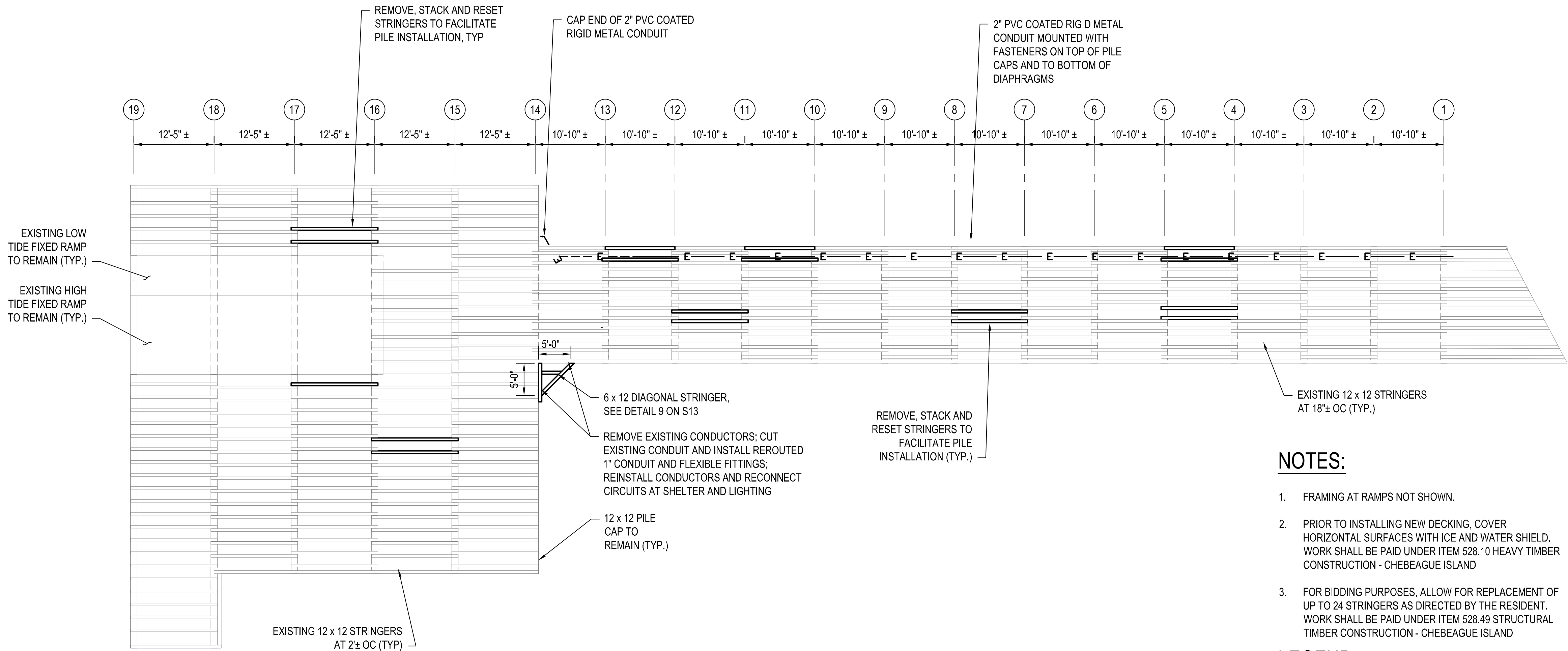
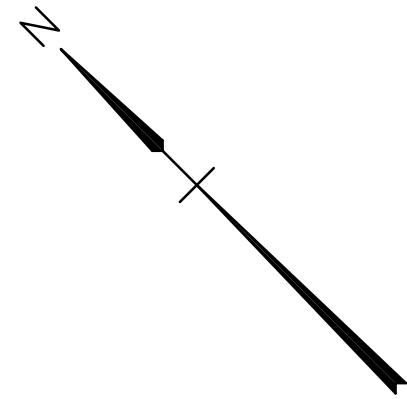
Marc Nicolazzo
SIGNATURE
18349
P.E. NUMBER
8/23/2024
DATE

PROJ. MANAGER	DATE	BY
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGNED-DETAILED2		
DESIGNED-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		APPROVED	DATE
		COMMISSIONER:	
		CHIEF ENGINEER:	

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Filename: \$file\$ Division: \$wkgroup\$ Username: \$user\$ Date: \$date\$



NOTES:

- FRAMING AT RAMPS NOT SHOWN.
- PRIOR TO INSTALLING NEW DECKING, COVER HORIZONTAL SURFACES WITH ICE AND WATER SHIELD. WORK SHALL BE PAID UNDER ITEM 528.10 HEAVY TIMBER CONSTRUCTION - CHEBEAGUE ISLAND
- FOR BIDDING PURPOSES, ALLOW FOR REPLACEMENT OF UP TO 24 STRINGERS AS DIRECTED BY THE RESIDENT. WORK SHALL BE PAID UNDER ITEM 528.49 STRUCTURAL TIMBER CONSTRUCTION - CHEBEAGUE ISLAND

LEGEND:



CHEBEAGUE ISLAND FERRY TERMINAL - FRAMING PLAN

SCALE: 1" = 10'

FERRY TERMINALS AT CHEBEAGUE,
CLIFF, GREAT DIAMOND AND PEAKS
ISLANDS STRUCTURAL REPAIRS

CHEBEAGUE ISLAND FERRY TERMINAL
— FRAMING PLAN

SHEET NUMBER

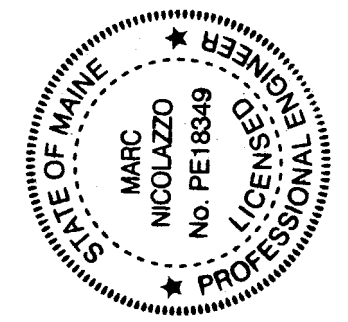
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15 OF 19

WIN 024685.01

PROJ. MANAGER	DATE	BY
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGNED2-DETAILED2		
DESIGNED3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

Marc Nicolazzo
SIGNATURE
18349
P.E. NUMBER
8/23/2024
DATE



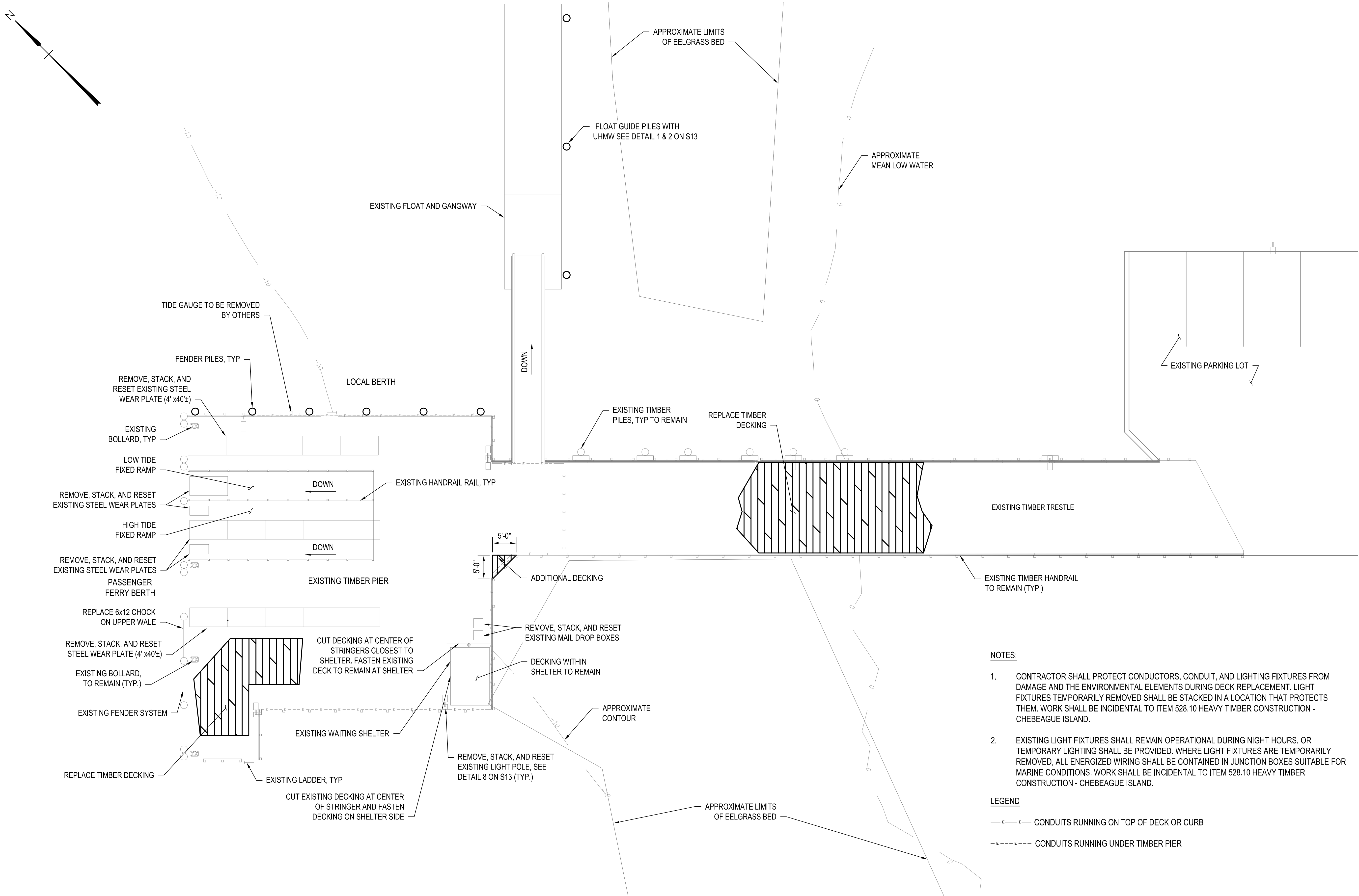
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE

COMMISSIONER:
CHIEF ENGINEER:

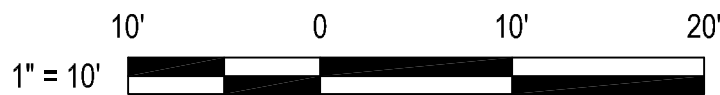
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CHEBEAGUE ISLAND FERRY TERMINAL - DECK PLAN

SCALE: 1" = 10'



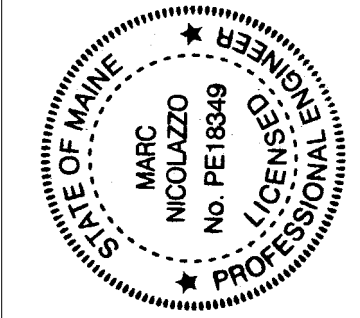
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FERRY TERMINALS AT CHEBEAGUE, CLIFF, GREAT DIAMOND AND PEAKS ISLANDS STRUCTURAL REPAIRS
CHEBEAGUE ISLAND FERRY TERMINAL - DECK PLAN

SHEET NUMBER

S10

16 OF 19



PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGNED2-DETAILED2
DESIGNED3-DETAILED3
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

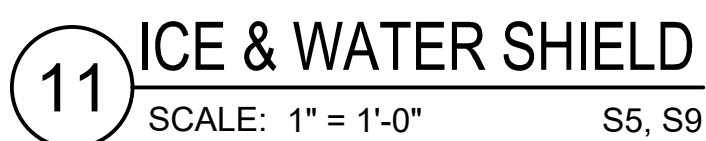
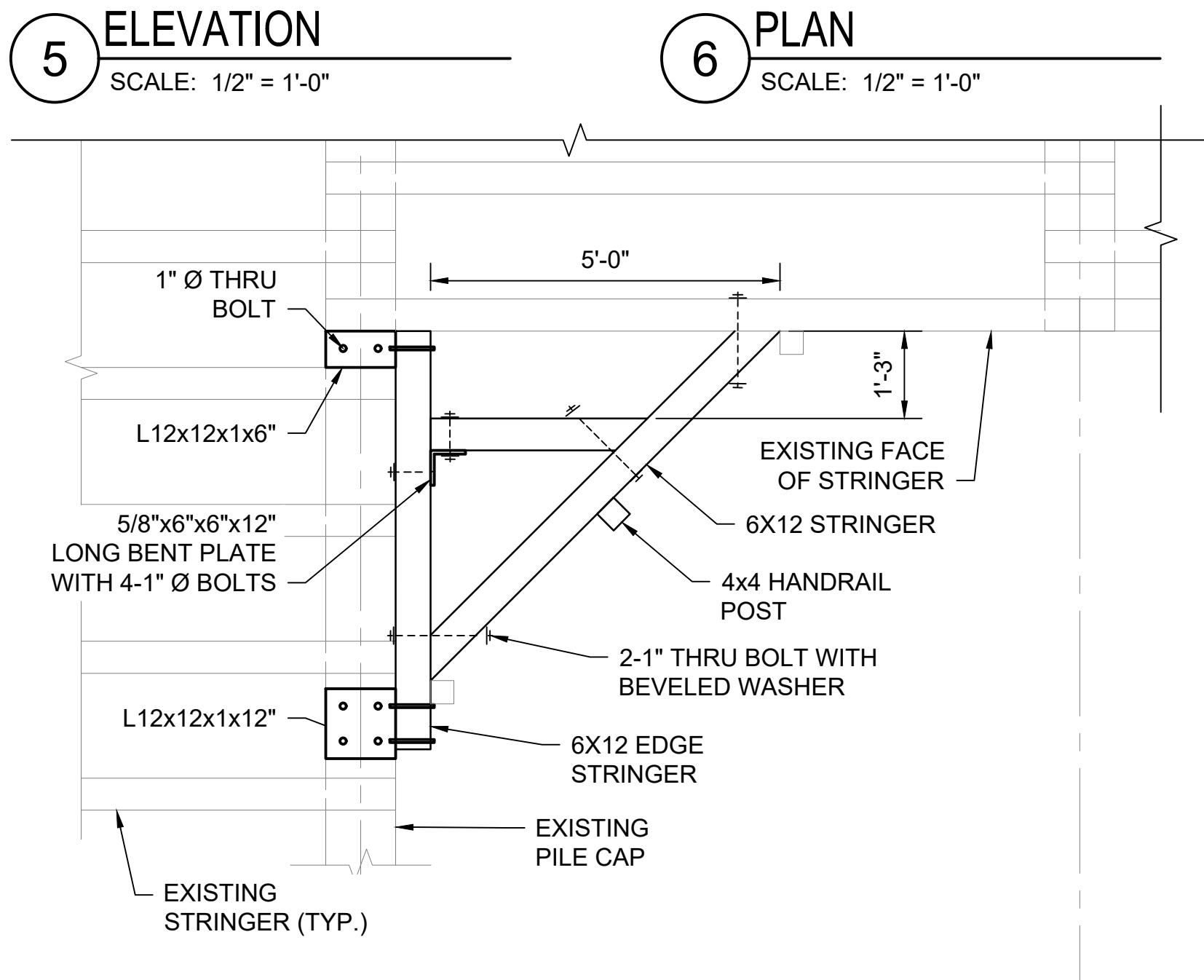
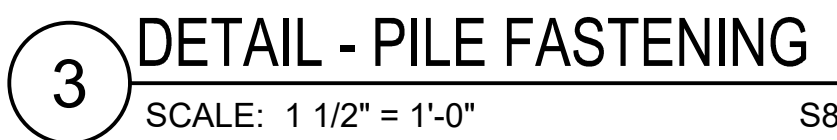
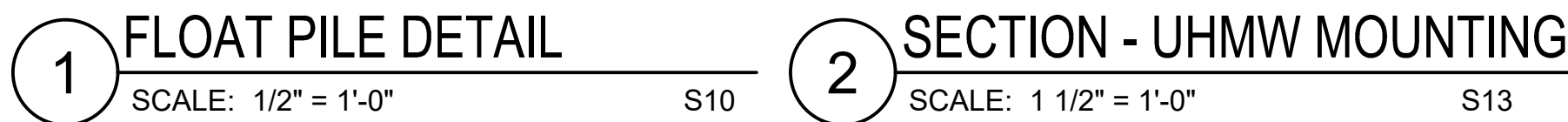
DATE
BY
SIGNATURE
18349
P.E. NUMBER
8/23/2024
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
COMMISSIONER:
CHIEF ENGINEER:
DATE

SHEET NUMBER

S11

17 OF 19



- 13 SYP PILE SPLICE -
GREAT DIAMOND ISLAND
SCALE: 1" = 1'-0"

