



State of Rhode Island
Coastal Resources Management Council
Oliver H. Stedman Government Center
4808 Tower Hill Road, Suite 3
Wakefield, RI 02879-1900

(401) 783-3370
Fax (401) 783-2069

PUBLIC NOTICE

File Number: 2026-08-047 Date: September 23, 2026

This office has under consideration the application of:

**Department of Environmental Management
c/o Daniel Costa
235 Promenade Street
Providence, RI 02908**

for a State of Rhode Island Assent to construct and maintain: The proposed work consists of replacing an existing timber main dock that has 4 parallel dock fingers, with an equally long timber main dock with 5 parallel dock fingers. No seaward expansions of the main dock or dock fingers are proposed. The widths of the proposed main timber dock and dock fingers have been reduced to accommodate the additional finger, and results in only a 160.5 square-foot net increase in dock footprint.

Project Location:	45 State Street - Pier KK
City/Town:	Narragansett
Plat/Lot:	Plat: I-G; Lots 266-S, 266-SXM, 96
Waterway:	Point Judith Pond

Plans of the proposed work can be requested at Cstaff1@crmc.ri.gov.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before **October 23, 2026**.

Please email your comments/hearing requests to: cstaff1@crmc.ri.gov; or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

/lat

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STATE OF RHODE ISLAND

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DIVISION OF PLANNING AND DEVELOPMENT

PIER 'KK' REMOVAL AND REPLACEMENT
PORT OF GALILEE: 26005887: PHASE V

NARRAGANSETT, RHODE ISLAND
Pare Project No. 23153.03



JULY 2026



REVISIONS		
NO.	DESCRIPTION	DATE
A	60% SUBMISSION IFCR	3/9/2026
B	ISSUED FOR RICRMC	3/10/2026
C	ISSUED FOR USACE PERMIT	3/20/2026
D	90% SUBMISSION IFCR	4/10/2026
E	ISSUED FOR BUILDING PERMIT	4/24/2026
F	100% ISSUED FOR CLIENT REVIEW	7/20/2026
G	ISSUED FOR RICRMC PERMIT	7/29/2026

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION
IF PRINTED 11X17 DRAWING IS HALF SIZE



Locus Map
Scale: 1"=500'

GENERAL NOTES:

1.

FOR THE PURPOSE OF THIS PROJECT

OWNER -

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, STATE OF RHODE ISLAND
235 PROMENADE STREET, FL. 3
PROVIDENCE, RI 02908

ENGINEER -

PARE CORPORATION
10 LINCOLN ROAD, SUITE 210
FOXBORO, MA 02035

CONTACT -

TODD D TURCOTTE, PE

2.

ALL CONSTRUCTION INDICATED ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE RHODE ISLAND STATE BUILDING CODE, ALL FEDERAL AND MUNICIPAL BUILDING CODES, AND THE SPECIFICATIONS INCLUDED IN THIS CONTRACT.

3.

THE PROJECT SITE IS A WORKING COMMERCIAL FISHING PORT WITH LIMITED SHORESIDE ACCESS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO REDUCE THE IMPACT TO FISHING OPERATIONS.

4.

CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS, AND SAFETY OF WORK.

5.

THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH THE LEASE TENANTS THAT WILL BE IMPACTED BY DEMOLITION AND CONSTRUCTION, INCLUDING TEMPORARY REMOVAL AND REPLACEMENT OF ANY EQUIPMENT OR MATERIALS OWNED BY THE TENANTS THAT WILL BE AFFECTED BY THE WORK. (OWNER WILL BE NOTIFIED OF ANY WORK REQUIRED BY LEASE HOLDER IN ORDER FOR CONTRACTOR TO PERFORM WORK)

6.

HORIZONTAL DATUM: RHODE ISLAND STATE PLANE - NAD83
VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM - NAVD88

7.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS. PLANS SHALL NOT BE SCALED FOR DIMENSIONS.

8.

NOTES, TYPICAL DETAILS, AND SCHEDULES APPLY TO ALL WORK UNLESS OTHERWISE NOTED. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS OF SIMILAR NATURE.

9.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL PROJECT DEMOLITION AND EXCESS MATERIAL IN ACCORDANCE WITH RHODE ISLAND, LOCAL, AND FEDERAL LAWS.

10.

THE CONTRACTOR SHALL PROTECT ALL ADJACENT STRUCTURES AND UTILITIES.

11.

THE CONTRACTOR SHALL FOLLOW ALL OSHA, FEDERAL, STATE, AND LOCAL STANDARDS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SITE SAFETY PROCEDURES AND PRACTICES REGARDLESS OF THE PRESENCE OF THE OWNER OR ENGINEER.

12.

THE CONTRACTOR WILL SUBMIT A CONSTRUCTION SCHEDULE TO THE OWNER. THE CONTRACTOR WILL UPDATE SCHEDULE AS NEEDED THROUGHOUT THE COURSE OF WORK.

13.

THE CONTRACTOR SHALL STAGE ALL EQUIPMENT IN THE DESIGNATED STAGING AREA(S). ALL GREASING AND REFUELING ACTIVITIES SHALL OCCUR IN THE STAGING AREA(S). ALL NECESSARY MEASURES SHALL BE TAKEN TO PREVENT BY ANY METHOD, OIL, CONSTRUCTION DEBRIS, STOCKPILED MATERIALS, AND OTHER MATERIALS ON THE SITE, FROM ENTERING THE WATERWAY. STAGING/LAYDOWN AREAS SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CONDITION. IN ADDITION, THE CONTRACTOR SHALL REPLACE ALL DAMAGED MATERIALS AS A RESULT OF HIS OPERATIONS, TO THE SATISFACTION OF THE ENGINEER.

14.

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT ALL CONSTRUCTION DEBRIS OR WASTE FROM FALLING INTO THE WATER. ANY DEBRIS FALLING INTO THE WATER SHALL BE RECOVERED AND PROPERLY DISPOSED OF.

15.

THE CONTRACTOR SHALL MAINTAIN A SECURE SITE AND PROVIDE APPROPRIATE SAFETY MEASURES TO PREVENT ACCIDENTS. THE SAFETY MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO SIGNAGE, BARRICADES, FENCES, FLASHING WARNING LIGHTS, AND POLICING IF NECESSARY.

16.

UPON COMPLETION OF THE PROJECT, CONTRACTOR DESIGN BUILDER WILL PROVIDE TWO AS-BUILT PLAN SETS, ONE ELECTRONIC PDF, AND ONE HARD COPY, TO THE OWNER DEPICTING ANY FIELD CHANGES OF DIMENSION OR DETAIL, LOCATION OF UNDERGROUND STRUCTURES AND/OR UTILITIES, CONSTRUCTION DEVIATIONS, CHANGES DUE TO FIELD OR CHANGE ORDER, AND DETAILS NOT ON THE ORIGINAL DRAWINGS.

17.

THE PROJECT LIMITS ARE LOCATED WITHIN THE FEMA FLOOD ZONE VE EL. 15 AND WILL BE INUNDATED DURING THE 100-YR STORM AS SHOWN ON THE WASHINGTON COUNTY FLOOD INSURANCE RATE MAP (FIRM), PANEL 194 OF 386, MAP NUMBER 44009C0194J, EFFECTIVE ON OCT. 16, 2013

GENERAL SCOPE OF WORK

1.

PRIOR TO PROJECT COMMENCEMENT, DESIGN BUILDER AND OWNER WILL NOTIFY AND COORDINATE WITH ALL STATE, LOCAL AND FEDERAL AUTHORITIES AS REQUIRED.

2.

MOBILIZE CONSTRUCTION EQUIPMENT AND PERSONNEL TO THE SITE. UTILIZATION OF OFFSITE STAGING AREA WILL BE COORDINATED WITH THE OWNER AS APPROPRIATE AND AS NECESSARY. INSTALL EROSION CONTROLS.

3.

PREVIOUS PIER TO BE DEMOLISHED AND REMOVED. PILES SHALL BE FULLY EXTRACTED; IF NOT FEASIBLE, PILES LEFT IN PLACE SHALL BE CUT AT THE MUDLINE.

4.

LAYOUT THE PRELIMINARY ALIGNMENT OF PILES SUCH THAT THE PROPOSED NORTHERN EDGE OF PIER IS ALIGNED WITH THE EXISTING NORTHERN EDGE.

5.

DRIVE NEW TIMBER SUPPORT PILES TO THE SPECIFIED DEPTH AS INDICATED ON SHEET SKK-102.

6.

INSTALL L ANGLE ON EXISTING CONCRETE BULKHEAD.

7.

INSTALL NEW TIMBER PIER FRAMING AS INDICATED ON THE DRAWINGS.

8.

INSTALL DECKING ON TOP OF INSTALLED STRINGERS.

9.

INSTALL FENDER SYSTEM, END PILE CLUSTERS, AND DOLPHIN CLUSTER.

10.

DEMOBILIZE AND RETURN DISTURBED AREAS OF THE SITE TO PRE-CONSTRUCTION CONDITIONS.

COMPONENT

GRADE

DRESSED

BENDING Fb (PSI)

SHEAR Fv (PSI)

COMPRESSION PERP. TO GRAIN Fc (PSI)

COMPRESSION PAR. TO GRAIN Fc (PSI)

USE CATEGORY

TREATMENT

6x12 SPLIT CAP AND STRINGERS*

GRADE 1

RGH

1350

165

375

825

UC4B

0.60 CCA

10x12 CHOCK *

GRADE 2

RGH

850

165

375

825

UC4B

0.60 CCA

4x10 CROSS BRACING

GRADE 1

RGH

1050

175

565

N/A

UC4B

2.5 CCA

4x10 DECKING

GRADE 2

S4S

1050

175

565

N/A

UC4A

0.23 MCA

* WET SERVICE CONDITION

SEDIMENT AND EROSION CONTROL NOTES

1.

CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES FOR THE DURATION OF THE PROJECT.

2.

CONTRACTOR SHALL PREVENT SEDIMENT FROM ENTERING THE WATERWAY VIA DISCHARGES THROUGH ANY DRAINAGE STRUCTURES OR RUNOFF FROM WITHIN THE LIMITS OF WORK.

3.

CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, RESTORING AND REPAIRING ALL DAMAGE AS A RESULT OF UNAUTHORIZED WORK OR DISCHARGES AT NO ADDITIONAL COST TO THE OWNER.

4.

SOIL STOCKPILES SHALL BE A MINIMUM OF 2-FEET FROM THE EDGE OF THE BULKHEAD TO LIMIT RUNOFF INTO THE HARBOR.

5.

DISCHARGE OF TURBID WATER TO THE WATERWAY IS PROHIBITED.

STRUCTURAL TIMBER NOTES

1.

TIMBER DESIGNATED AS TREATED SHALL BE PRESSURE TREATED IN ACCORDANCE WITH RHODE ISLAND STATE BUILDING CODE.

2.

STRUCTURAL DESIGN IS BASED ON SOUTHERN YELLOW PINE KD-19 WITH MINIMUM REFERENCE DESIGN VALUES AS SPECIFIED BY THE AWC 2024 NDS SUPPLEMENTAL DESIGN VALUES FOR WOOD CONSTRUCTION. THESE DESIGN VALUES ARE PROVIDED IN THE TABLE AVAILABLE AT THE BOTTOM OF THIS SHEET.

3.

ALL TIMBER FRAMING MEMBERS SHALL BE ROUGH SAWN UNLESS OTHERWISE NOTED.

4.

ALL NAILING REQUIREMENTS LISTED ARE BASED UPON THE USE OF COMMON WIRE NAILS (NOT SINKERS, BOX, ETC.). ALTERNATIVE NAIL TYPES OF EQUIVALENT DIAMETERS MAY BE SUBSTITUTED, WITH PRIOR APPROVAL OF THE ENGINEER OF RECORD.

5.

ALL BOLTS, NUTS, WASHERS, LAGS, SCREWS, AND DRIFT PINS SHALL BE MEDIUM CARBON STEEL WITH GALVANIZED COATING. SIZE AND TYPE TO SUIT APPLICATION IN CONFORMANCE WITH ASTM A153.

6.

BRUSH OR ROLLER APPLY TWO COATS OF WOOD PRESERVATIVE TO ANY SURFACE WHICH HAS BEEN FIELD CUT, DRESSED, OR DRILLED.

7.

ALL LUMBER SHALL BE STAMPED WITH PROVIDED TREATMENT AND USE CATEGORY.

TIMBER PILE NOTES

1.

ALL TIMBER PILES ARE TO BE GREENHEART TIMBER PILES WITH A MINIMUM DIAMETER RANGING BETWEEN 12 AND 14-INCHES, 3 FEET FROM BUTT

1.1.

BENDING STRESS = 20,000 PSI

1.2.

MODULUS OF ELASTICITY = 3,000 KSI

1.3.

MAXIMUM CRUSHING STRENGTH = 10,500 PSI

2.

GREENHEART PILES TO HAVE TWO STAINLESS STEEL BANDS AT TOP OF PILE AS INDICATED ON STANDARD/MISC. DETAILS.

3.

CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A PILE DRIVING LOG OF DRIVEN DEPTHS AND WILL BE RESPONSIBLE FOR REPORTING ANY PILE OR SET OF PILES NOT MEETING DESIGN REQUIREMENTS AS STATED ON THE SET OF PLANS

SPILL PREVENTION AND CONTROL NOTES

1.

SPILLS AND LEAKS SHALL BE AVOIDED THROUGH FREQUENT INSPECTION OF EQUIPMENT AND MATERIAL STORAGE AREAS, AND SHALL BE REMEDIATED AND REPAIRED AS NECESSARY.

2.

HAZARDOUS MATERIAL STORAGE TO BE PLACED ONLY IN DESIGNATED AREAS. MATERIAL STORAGE AREAS SHALL BE ROUTINELY INSPECTED FOR LEAKY CONTAINERS, OPEN CONTAINERS, OR IMPROPER STORAGE TECHNIQUES THAT MAY LEAD TO SPILLS OR LEAKS.

3.

APPROPRIATE SPILL REMEDIATION PROCEDURES AND SUPPLIES SHALL BE READILY AVAILABLE ON-SITE. TOOLS AND SUPPLIES SHALL BE CLEARLY MARKED SO THAT ALL PERSONNEL CAN LOCATE AND ACCESS THESE SUPPLIES.

4.

SPILL REMEDIATION SHALL BE PERFORMED IMMEDIATELY. CONTRACTOR SHALL FOLLOW PROPER RESPONSE PROCEDURES IN ACCORDANCE WITH ANY APPLICABLE REGULATORY REQUIREMENTS.

5.

AT NO TIME SHALL SPILLS BE DIVERTED TOWARD STORM DRAINS OR TO THE WATERWAY.

6.

EQUIPMENT/VEHICLE FUELING AND REPAIR/MAINTENANCE OPERATIONS SHALL TAKE PLACE ONLY WITHIN DESIGNATED STAGING AREAS.

7.

THE EQUIPMENT OPERATOR SHALL FULLY MONITOR FUELING OPERATIONS TO EQUIPMENT AND VEHICLES AT ALL TIMES.

8.

ANY SPILLAGE SHALL BE IMMEDIATELY CLEANED WITH SPILL KITS KEPT ON SITE.

9.

IN THE CASE OF SMALL AMOUNTS OF SOIL CONTAMINATION, SUCH SOIL SHALL BE PLACED IN 55 GALLON DRUMS FOR DISPOSAL BY A LICENSED HAZARDOUS WASTE HAULER.

10.

IN THE CASE OF A LARGE AMOUNT OF SOIL CONTAMINATION OR DISCHARGE TO THE WATERWAY, RHODE ISLAND DEM AND APPLICABLE AGENCIES SHALL BE NOTIFIED AS REQUIRED. A HAZARDOUS WASTE REMEDIATION FIRM SHALL BE CONTRACTED TO REMOVE AND DISPOSE OF THE CONTAMINATED MATERIAL OR CONTAIN THE SPILL AT NO ADDITIONAL COST.

DESIGN LOADS

PIER LOADINGS

1.

BERTHING AND MOORING LOADS

A.

L (FT)

81

B.

BM (FT)

26

C.

DRAFT (FT)

15

D.

GW (TONS, US)

193

E.

DT (ASSUMED)(TONS, US)

330

F.

SAIL AREA (SF)

41,979

G.

CLASS

H.

NAME

I.

TYPE

FISHING VESSEL

J.

DESIGN DREDGE DEPTH, MAX (FT)

15

K.

WATER DENSITY (PCF)

64

L.

WIND SPEED (MPH)

94

M.

DESIGN FETCH (NM)

N.

BERTHING CONDITION

GOOD

O.

BERTHING EXPOSURE

EXPOSED

P.

VELOCITY (FT/SEC)

0.5

Q.

BERTHING ENERGY (KIP-FT)

1.1

2.

VERTICAL LOADS

A.

PIER DESIGN LIVE LOAD (PSF)

250

B.

GROUND SNOW LOAD (PSF)

30

C.

DEAD LOAD (PSF)

SELF WEIGHT OF
TIMBER MEMBERS

MLW

NAVD88

OPERATIONAL EL = 6.88

OPERATIONAL EL = 5.10

HTL = 4.38

HTL = 2.60

MHHW = 3.29

MHHW = 1.51

MHW = 3.03

MHW = 1.25

NAVD 88 = 1.78

NAVD 88 = 0.00

MLW = 0.00

MLW = -1.78

MLLW = -0.16

MLLW = -1.94

DATUM INFORMATION

INTERPOLATED BASED ON
PT. JUDITH 8455083 & NEWPORT 8452660 STATIONS
ALL FIGURES IN FEET

REAGAN

MARINE CONSTRUCTION

Narragansett

DockWorks

ISSUED FOR PERMIT

NOT FOR CONSTRUCTION

IF PRINTED 11X17 DRAWING IS HALF SIZE

RECEIVED

8/12/2026

COASTAL RESOURCES
MANAGEMENT COUNCIL

PARE

PARE CORPORATION

www.parecorp.com

SCALE ADJUSTMENT GUIDE

0"1"

BAR IS ONE INCH ON ORIGINAL DRAWING

PIER 'KK' REMOVAL AND REPLACEMENT
PORT OF GALILEE: PHASE V
NARRAGANSETT, RHODE ISLAND

RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

JON PAUL NANNI II

No.

15205

REGISTERED

15 JULY 2020

PROFESSIONAL ENGINEER

CIVIL

REVISIONS:

D

4/10/2026

90% IFCR

E

4/24/2026

BUILDING PERMIT

F

7/20/2026

100% IFCR

G

7/29/2026

RICRMC PERMIT

PROJECT NO.:

23153.03

DATE:

JULY 2026

SCALE:

AS NOTED

DESIGNED BY:

TJD

CHECKED BY:

JPN

DRAWN BY:

TJD

APPROVED BY:

TDT

DRAWING TITLE:

GENERAL NOTES

DRAWING NO.:

GKK-002

SHEET NO.

2

OF

13



- ISSUED FOR PERMIT
NOT FOR CONSTRUCTION
IF PRINTED 11X17 DRAWING IS HALF SIZE



PIER 'KK' REMOVAL AND REPLACEMENT
PORT OF GALILEE: PHASE V
NARRAGANSETT, RHODE ISLAND
RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

JON PAUL NANNI II

Jon Paul Nanni II

No. 15205



REGISTERED
PROFESSIONAL ENGINEER
CIVIL

8/12/2026

RECEIVED

COASTAL RESOURCES
MANAGEMENT COUNCIL

15 JULY 2026

REVISIONS:		
D	4/10/2026	90% IFCR
E	4/24/2026	BUILDING PERMIT
F	7/20/2026	100% IFCR
G	7/29/2026	RICRMC PERMIT
PROJECT NO.:		23153.0
DATE:		JULY 2025
SCALE:		AS NOTED
DESIGNED BY:		TJH
CHECKED BY:		JPH
DRAWN BY:		TJH
APPROVED BY:		TD
DRAWING TITLE:		

EXISTING LOCATION
PLAN

DRAWING NO.:

CKK-102

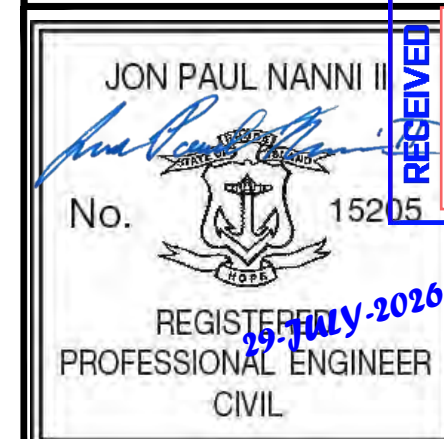
SHEET NO. 4 OF 1

W:\JOBS\23 JOBS\23153.03 RIDEM GALILEE PHASE 5 ND\W-REAGAN DB-RIDING PIER KK\CK-102 PROPOSED LOCATION PLAN.DWG



SCALE ADJUSTMENT GUIDE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

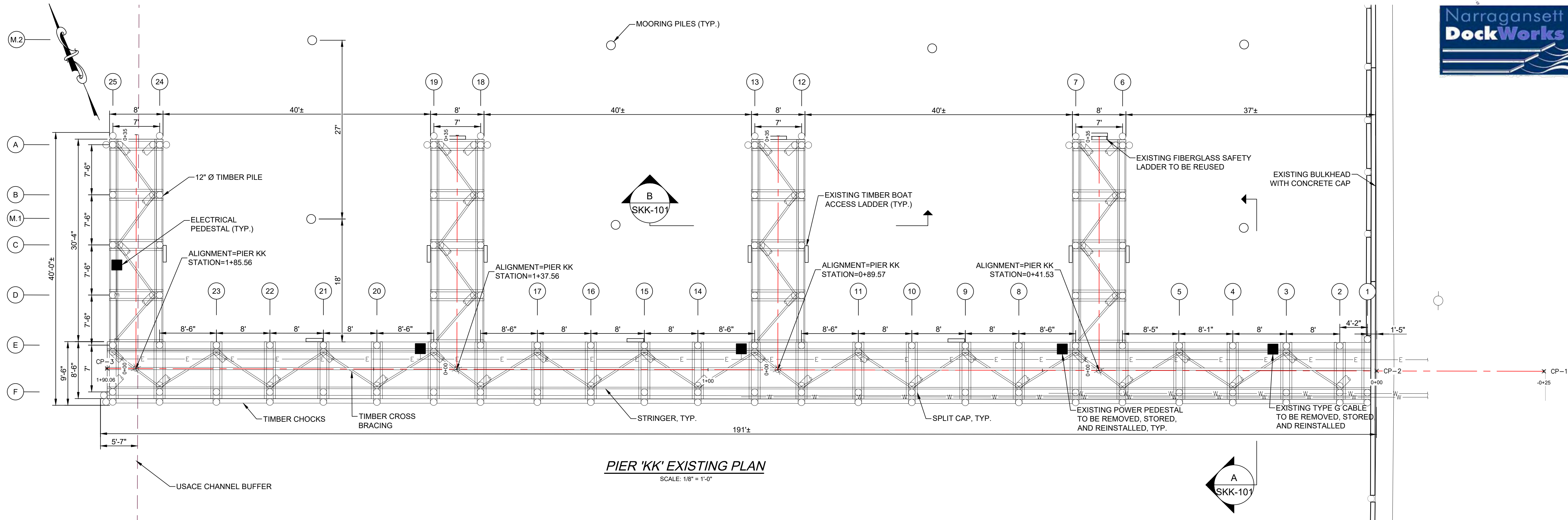
PIER 'KK' REMOVAL AND REPLACEMENT
PORT OF GALILEE: PHASE V
NARRAGANSETT, RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



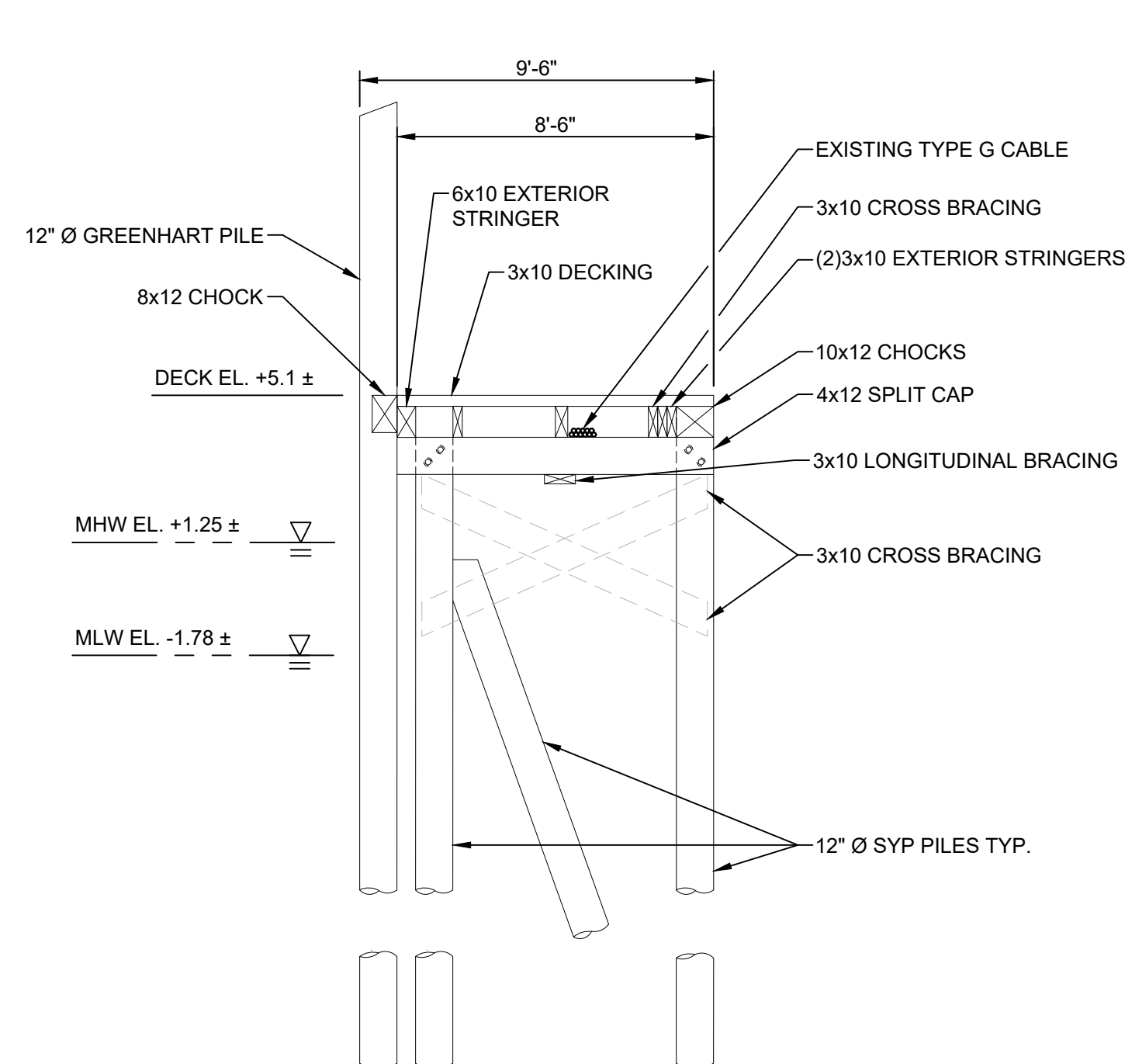
REVISIONS:		
D	4/10/2026	90% IFCR
E	4/24/2026	BUILDING PERMIT
F	7/20/2026	100% IFCR
G	7/29/2026	RICRMC PERMIT
PROJECT NO.:		23153.03
DATE:		JULY 2026
SCALE:		AS NOTED
DESIGNED BY:		TJD
CHECKED BY:		JPN
DRAWN BY:		TJD
APPROVED BY:		TDT
DRAWING TITLE:		

EXISTING PIER PLAN AND SECTION

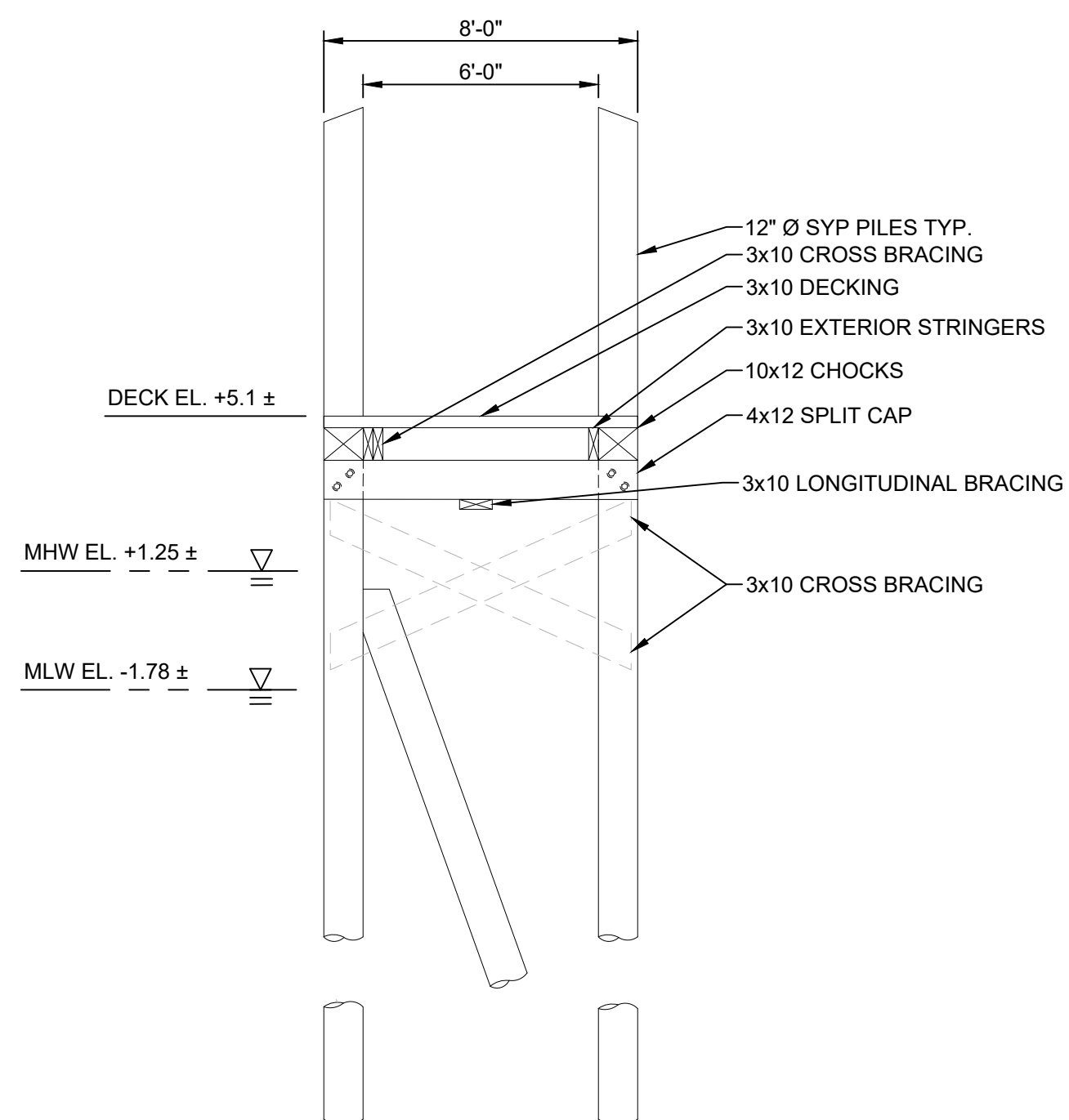
DRAWING NO.:
SKK-101
SHEET NO. 6 OF 13



PIER 'KK' EXISTING PLAN
SCALE: 1/8" = 1'-0"

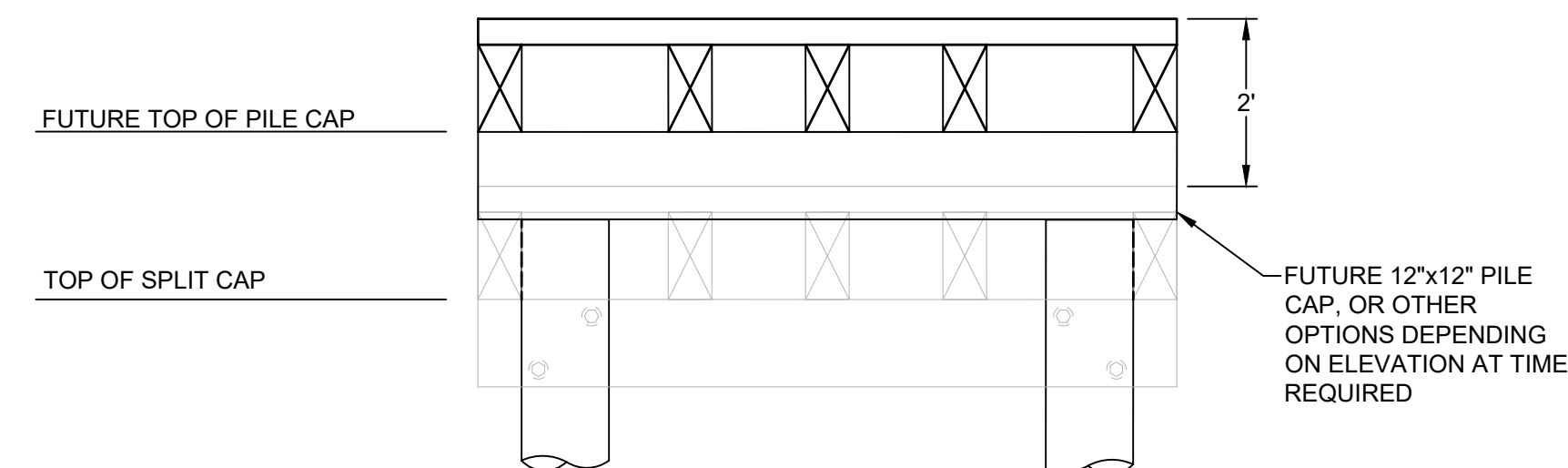
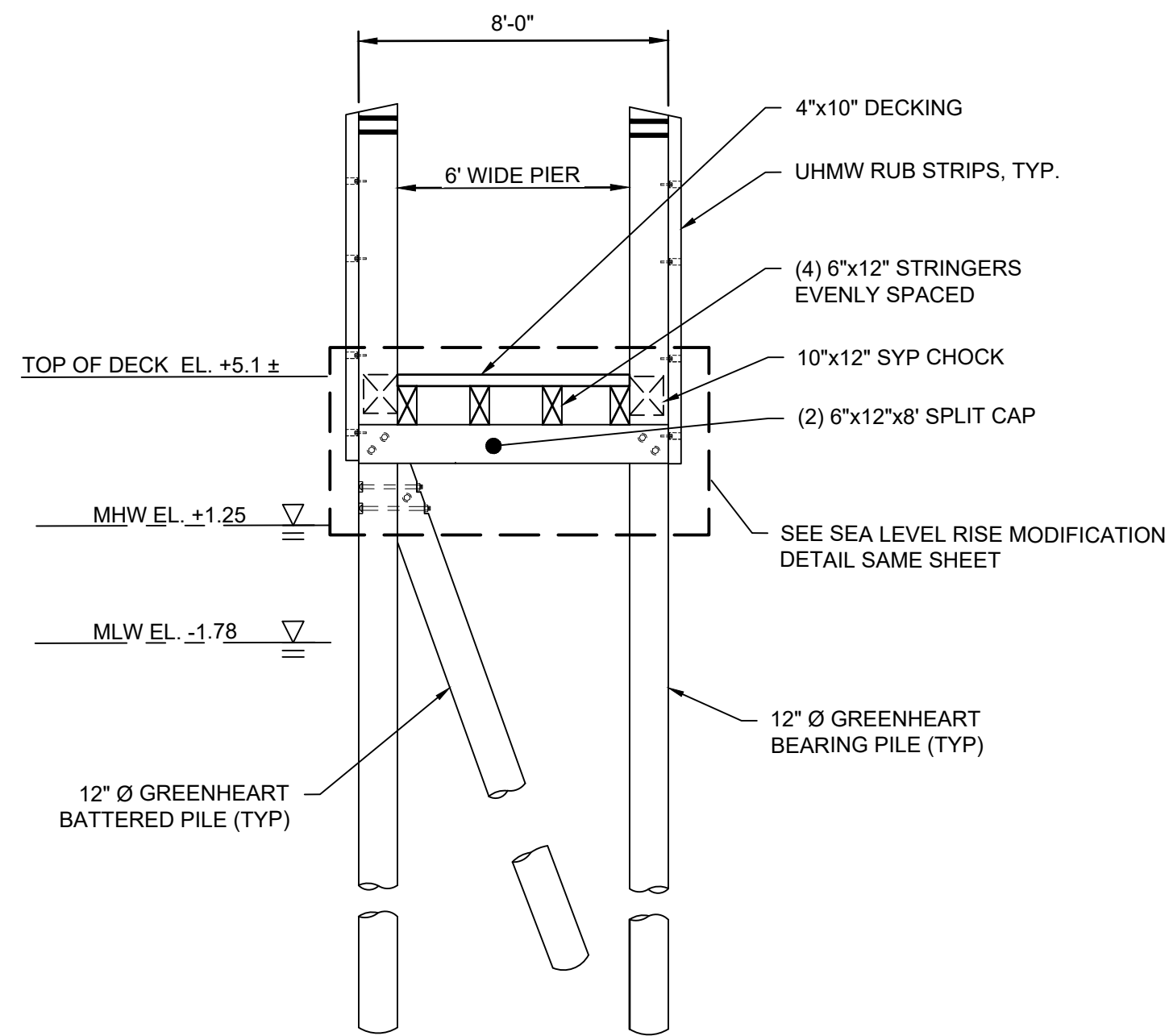
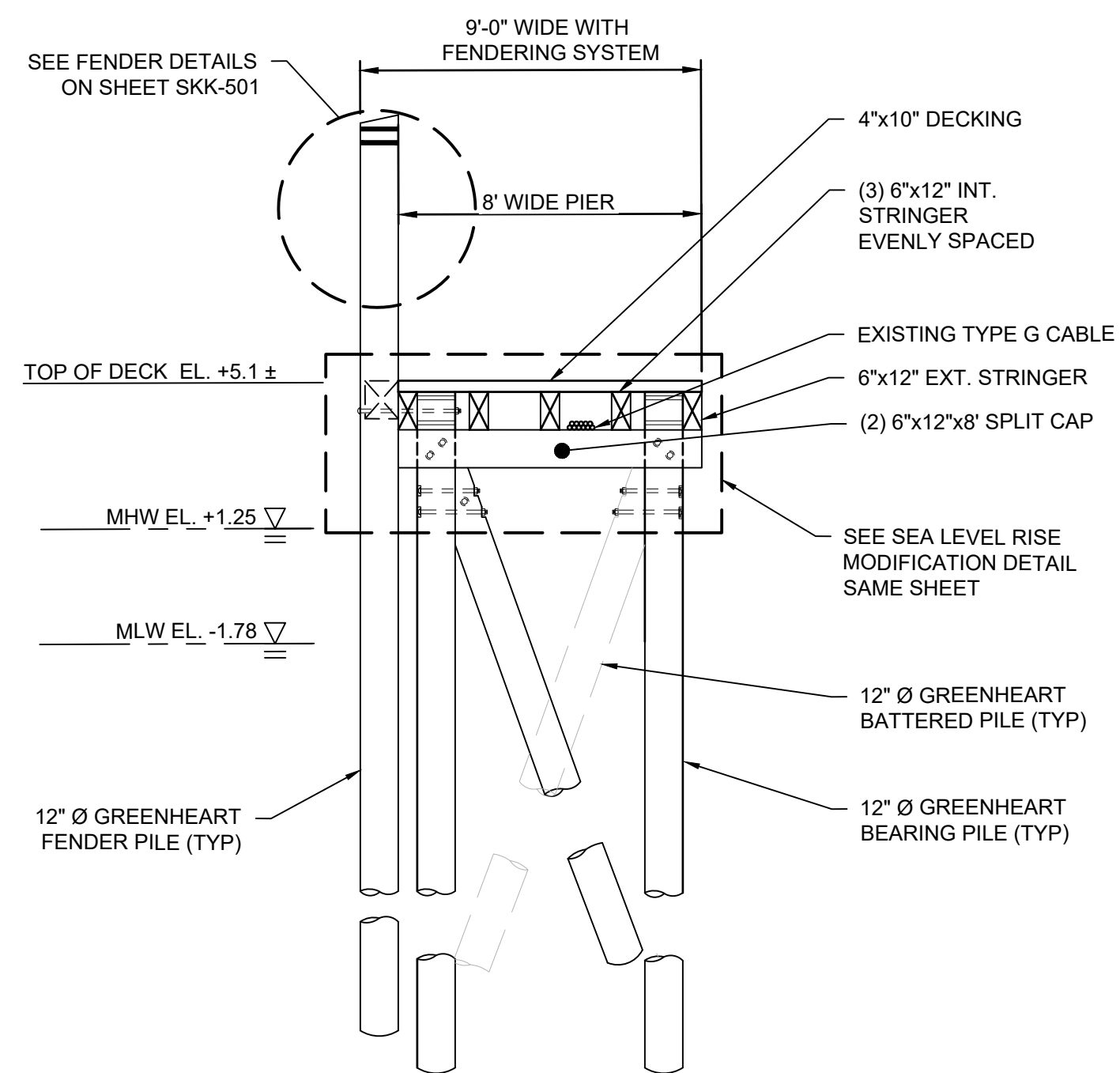
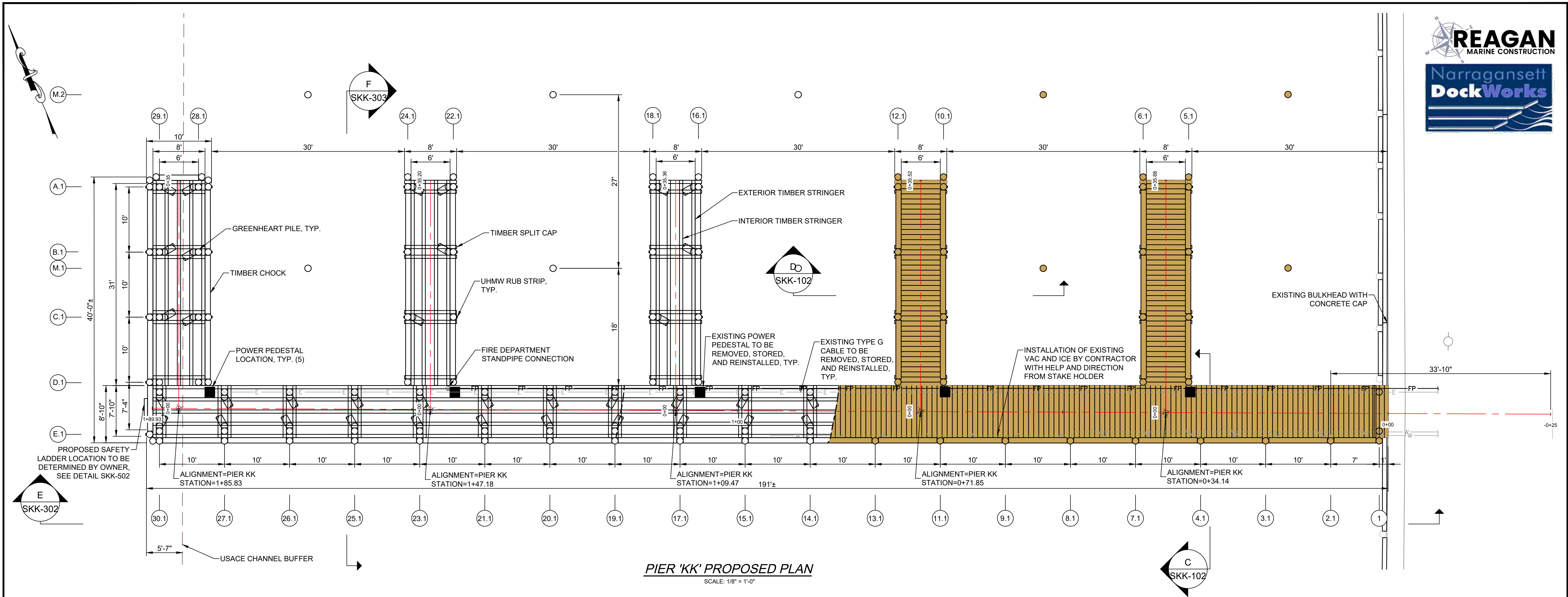


PIER 'KK' EXISTING MAIN PIER SECTION
SCALE: 1/4" = 1'-0"



PIER 'KK' EXISTING FINGER PIER SECTION
SCALE: 1/4" = 1'-0"

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION
IF PRINTED 11X17 DRAWING IS HALF SIZE



**PROPOSED FUTURE SEA LEVEL
RISE MODIFICATIONS TO PIER CAP**

NOTES:

1. SUPPORT PILES TO BE LEFT HIGH, ± BOTTOM OF DECKING ELEVATION, FOR FUTURE SEA LEVEL RISE MODIFICATION

ISSUED FOR PERMIT
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SCALE ADJUSTMENT GUIDE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

PIER 'KK' REMOVAL AND REPLACEMENT
PORT OF GALILEE: PHASE V
NARRAGANSETT, RHODE ISLAND
RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



REVISIONS:		
D	4/10/2026	90% IFCR
E	4/24/2026	BUILDING PERMIT
F	7/20/2026	100% IFCR
G	7/29/2026	RICRMC PERMIT
PROJECT NO.:		23153.03
DATE:		AUGUST 3, 2026
SCALE:		AS NOTED
DESIGNED BY:		TJD
CHECKED BY:		JPN
DRAWN BY:		TJD
APPROVED BY:		TDT
DRAWING TITLE:		

PROPOSED PIER PLAN
AND SECTION

DRAWING NO.:
SKK-102
SHEET NO. 7 OF 13



SCALE ADJUSTMENT GUIDE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

PIER 'KK' REMOVAL AND REPLACEMENT
PORT OF GALILEE: PHASE V
NARRAGANSETT, RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
RHODE ISLAND

JON PAUL NANNI II

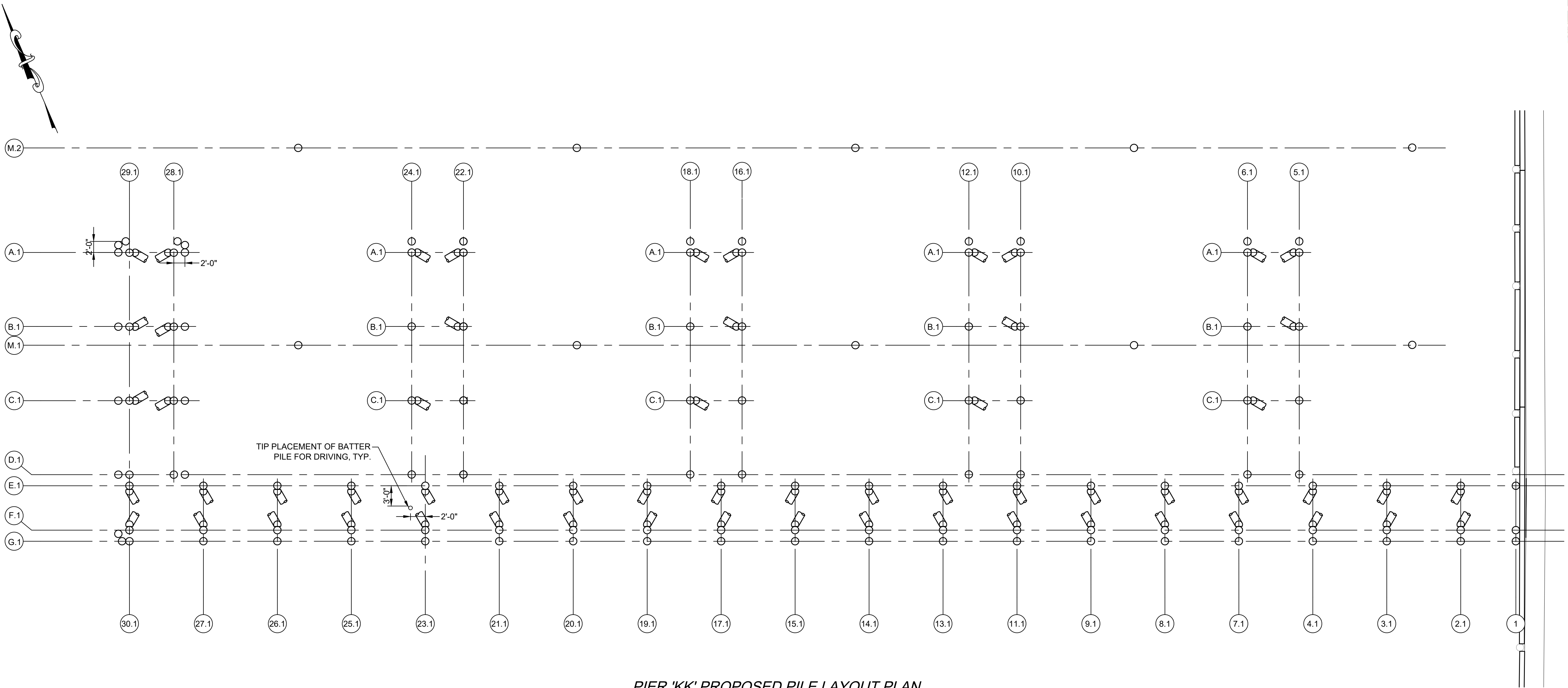
No. 15205
REGISTERED
PROFESSIONAL ENGINEER
CIVIL
JULY 2020

RESERVED
8/12/2026
COASTAL RESOURCE
MANAGEMENT COUNCIL

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PROJECT NO.:		23153.03
DATE:		JULY 2026
SCALE:		AS NOTED
DESIGNED BY:		TJD
CHECKED BY:		JPN
DRAWN BY:		TJD
APPROVED BY:		TDT
DRAWING TITLE:		

PROPOSED PILE LAYOUT
PLAN

DRAWING NO.:
SKK-301
SHEET NO. 8 OF 13



PIER 'KK' PROPOSED PILE LAYOUT PLAN
SCALE: 1/8" = 1'-0"

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION
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SCALE ADJUSTMENT GUIDE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

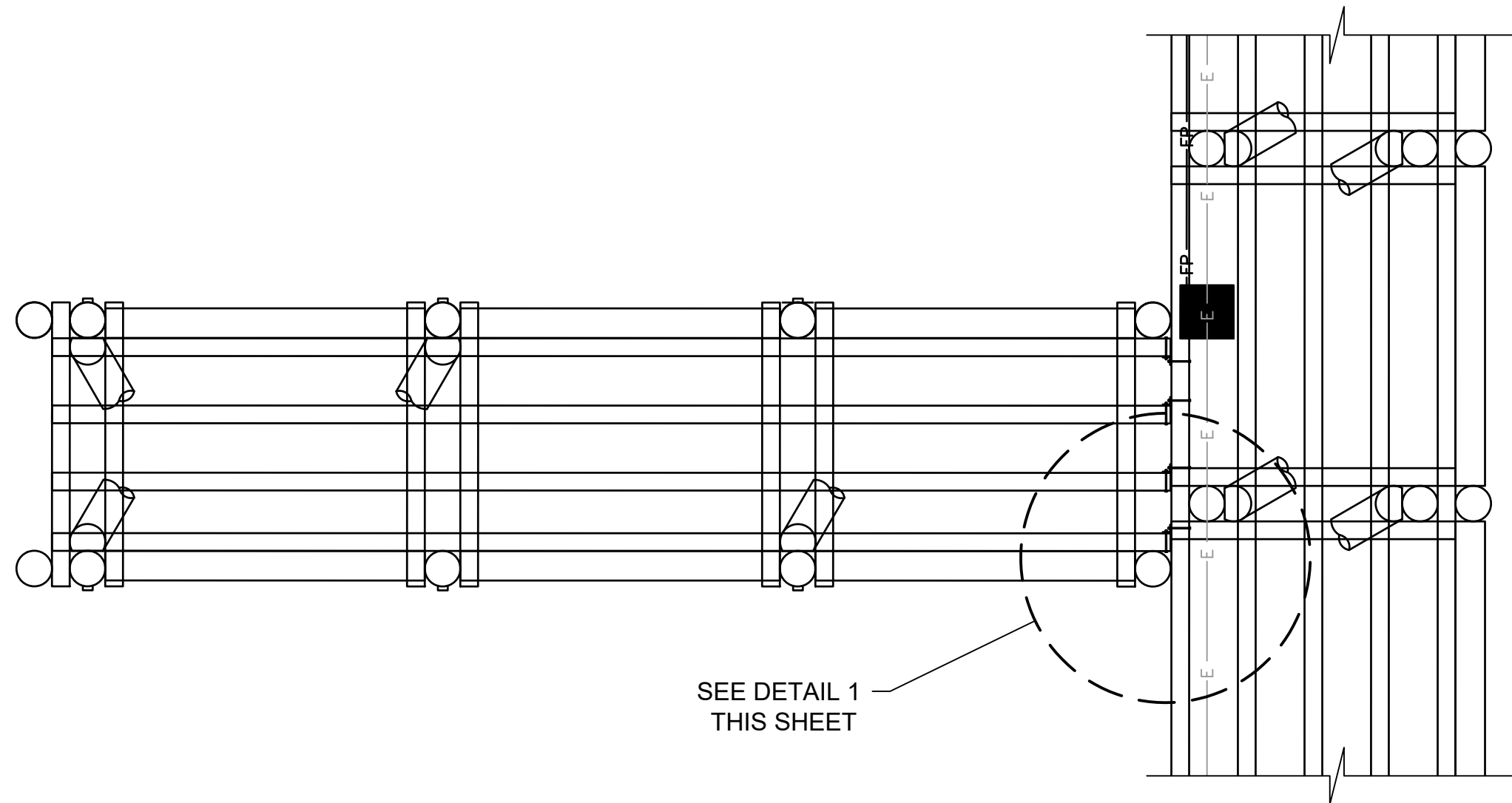
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PORT OF GALILEE: PHASE V
NARRAGANSETT, RHODE ISLAND
RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

JON PAUL NANNI II
No. 15205
REGISTERED PROFESSIONAL ENGINEER
CIVIL
15 JULY 2020

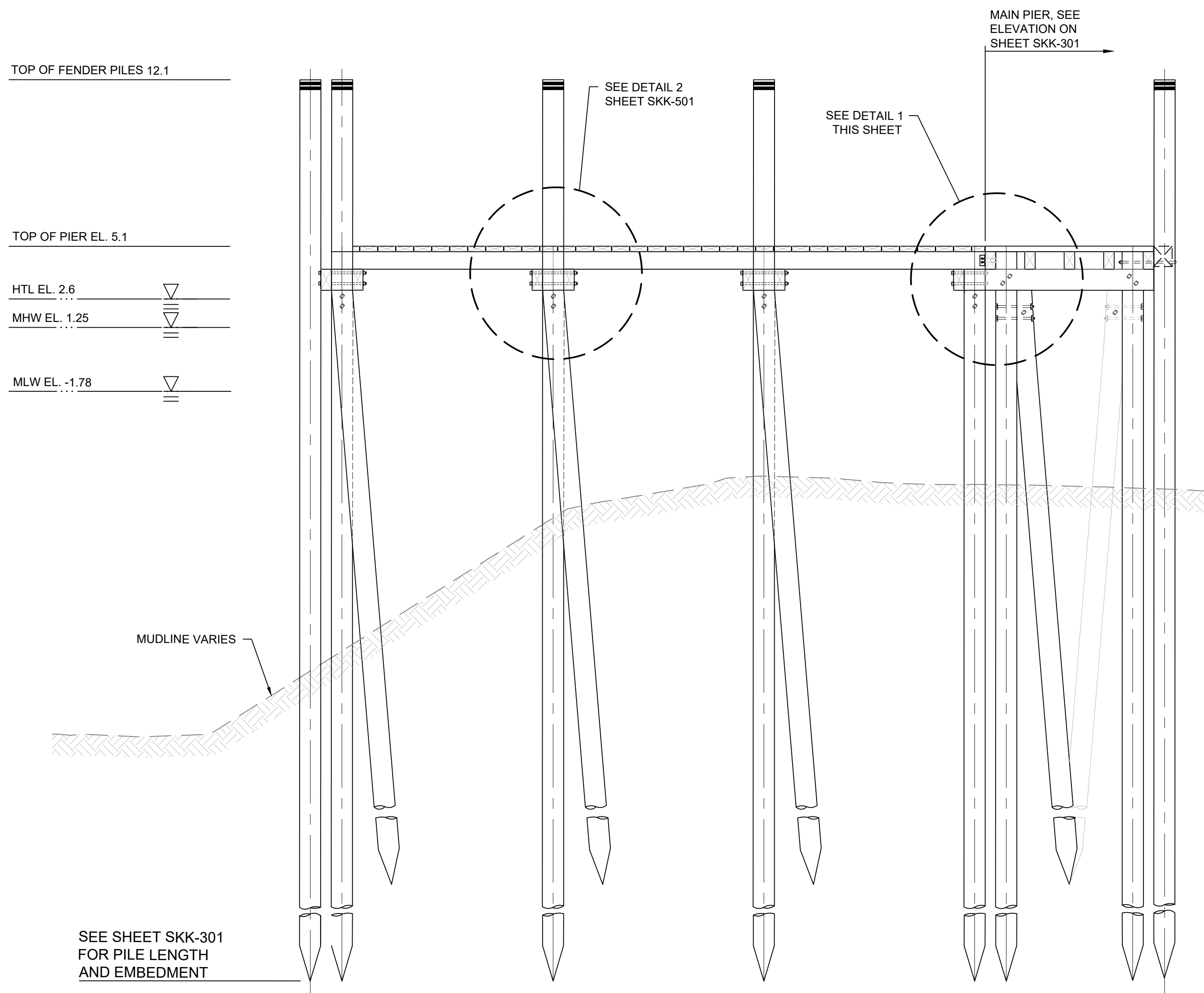
REVISIONS:		
D	4/10/2026	90% IFCR
E	4/24/2026	BUILDING PERMIT
F	7/20/2026	100% IFCR
G	7/29/2026	RICRMC PERMIT
PROJECT NO.:		23153.03
DATE:		JULY 2026
SCALE:		AS NOTED
DESIGNED BY:		TJD
CHECKED BY:		JPN
DRAWN BY:		TJD
APPROVED BY:		TDT
DRAWING TITLE:		

PROPOSED PIER
ELEVATION AND PILE
PLAN

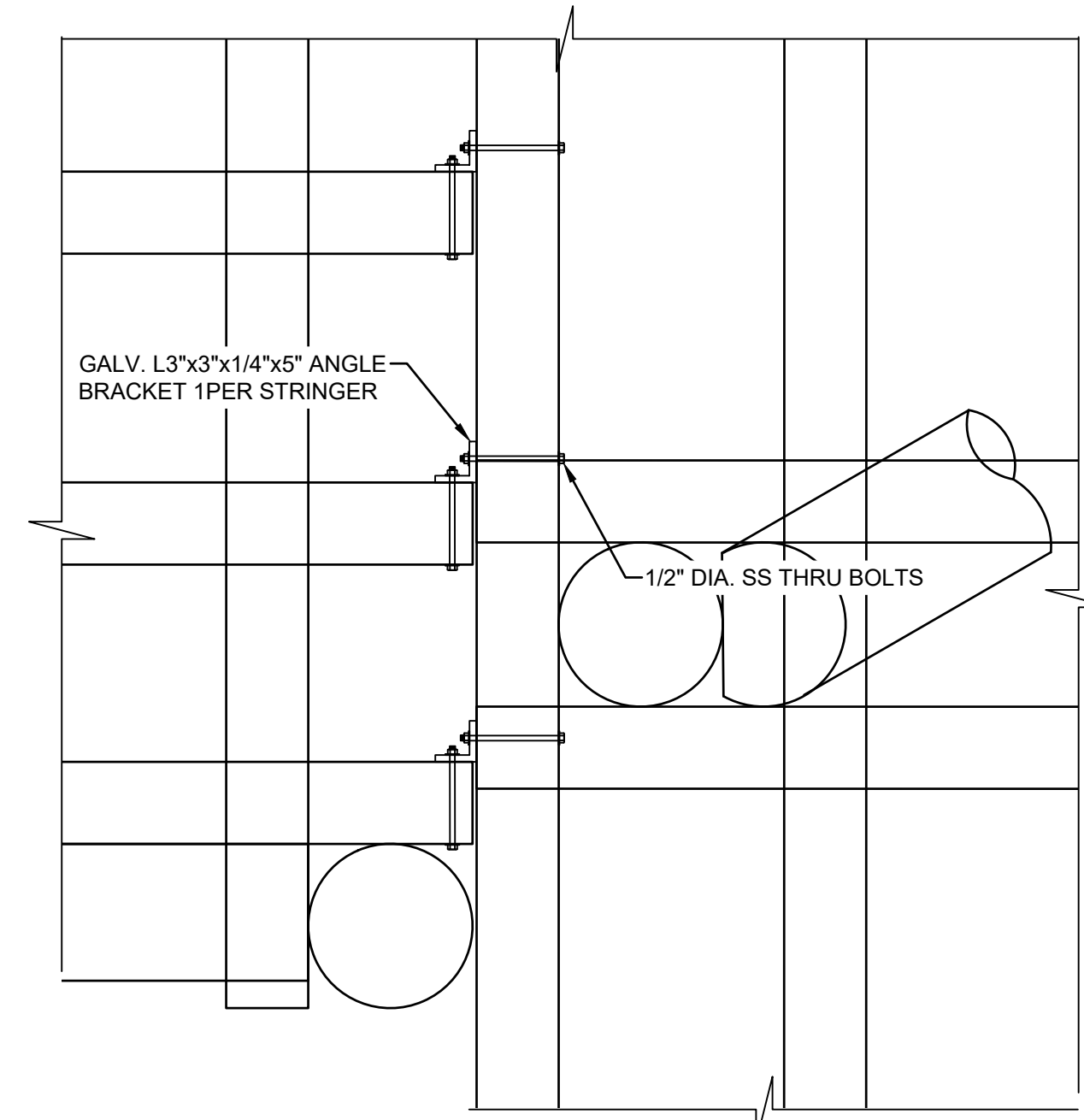
DRAWING NO.:
SKK-303
SHEET NO. 10 OF 13



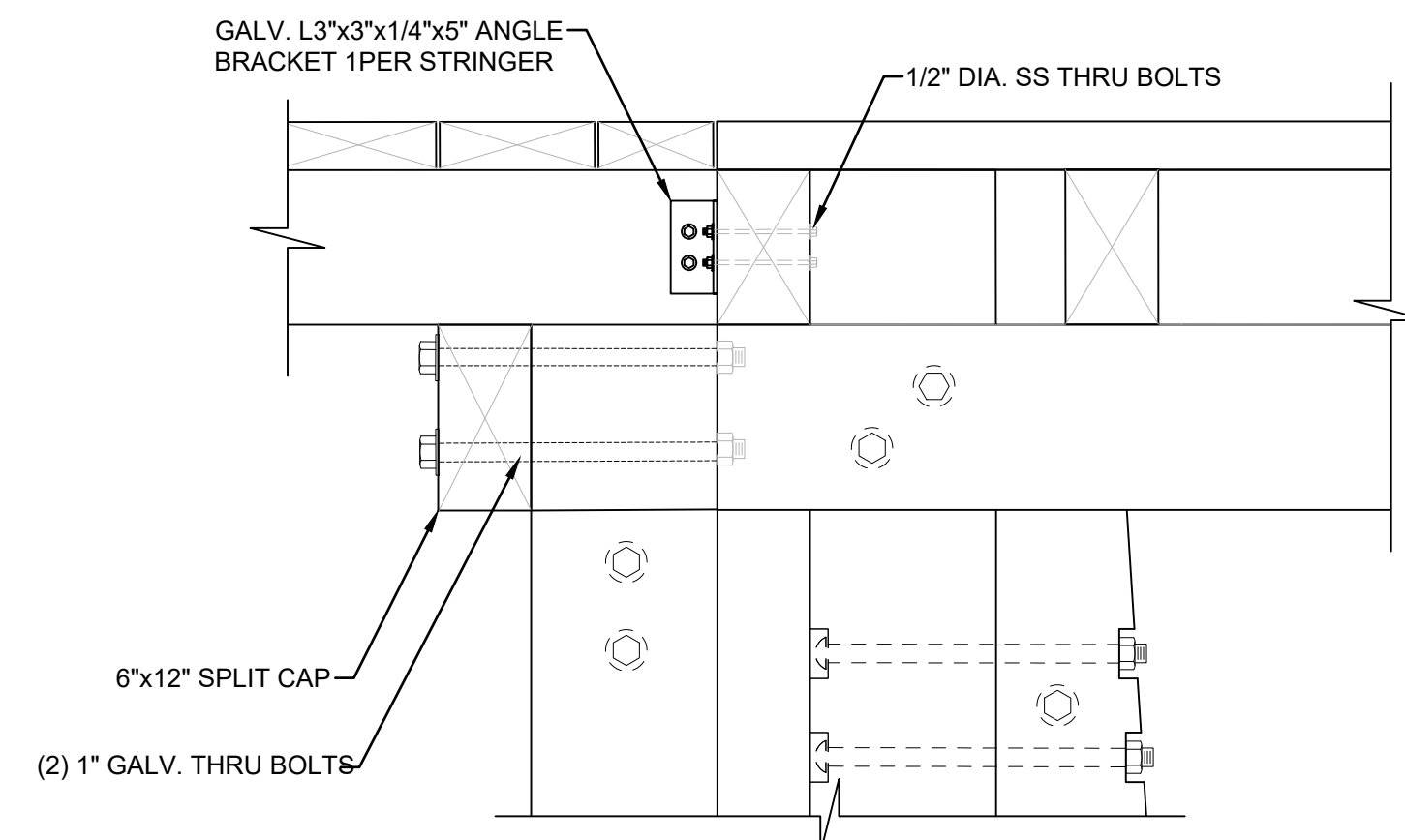
PROPOSED PIER PLAN VIEW
SCALE: 1/4" = 1'-0"



PROPOSED FINGER PIER ELEVATION
SCALE: 1/4" = 1'-0"



FINGER PIER CONNECTION DETAIL
SCALE: 1" = 1'-0"



FINGER PIER CONNECTION DETAIL
SCALE: 1" = 1'-0"

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION
IF PRINTED 11X17 DRAWING IS HALF SIZE





PIER 'KK' REMOVAL AND REPLACEMENT
PORT OF GALILEE: PHASE V
NARRAGANSETT, RHODE ISLAND
RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



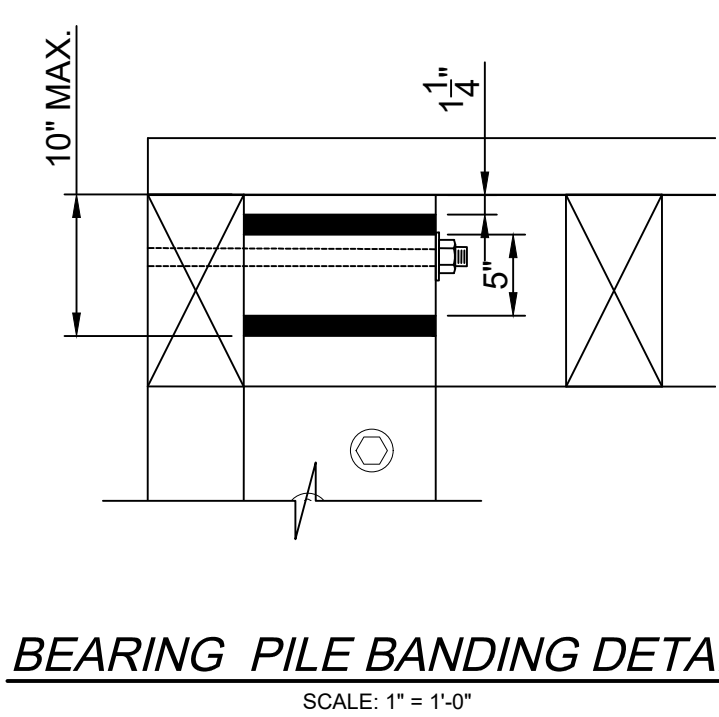
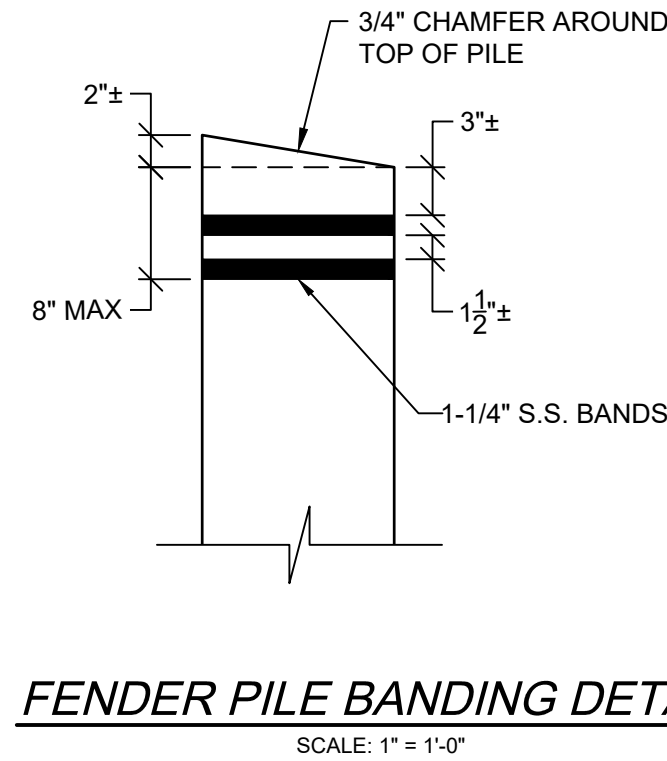
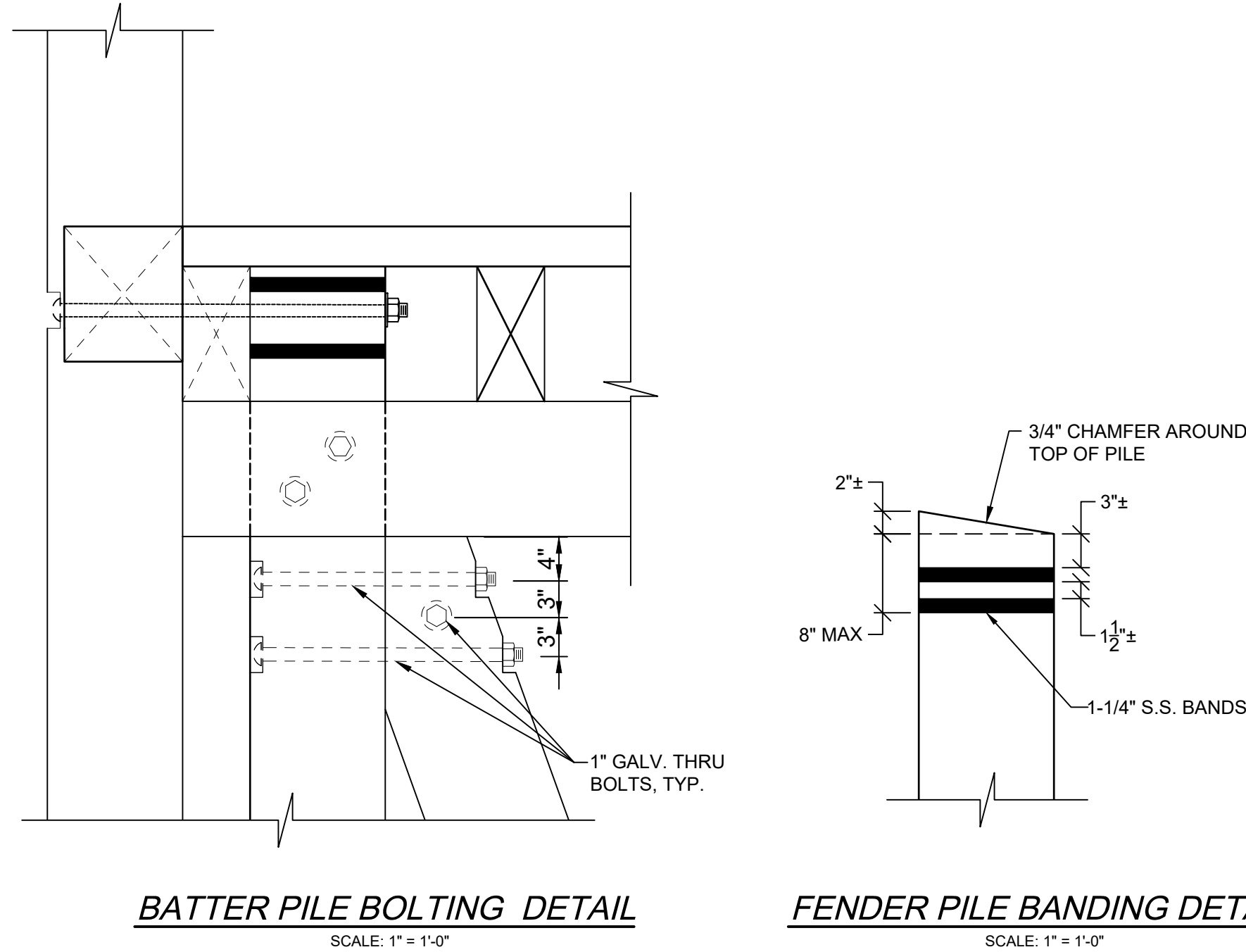
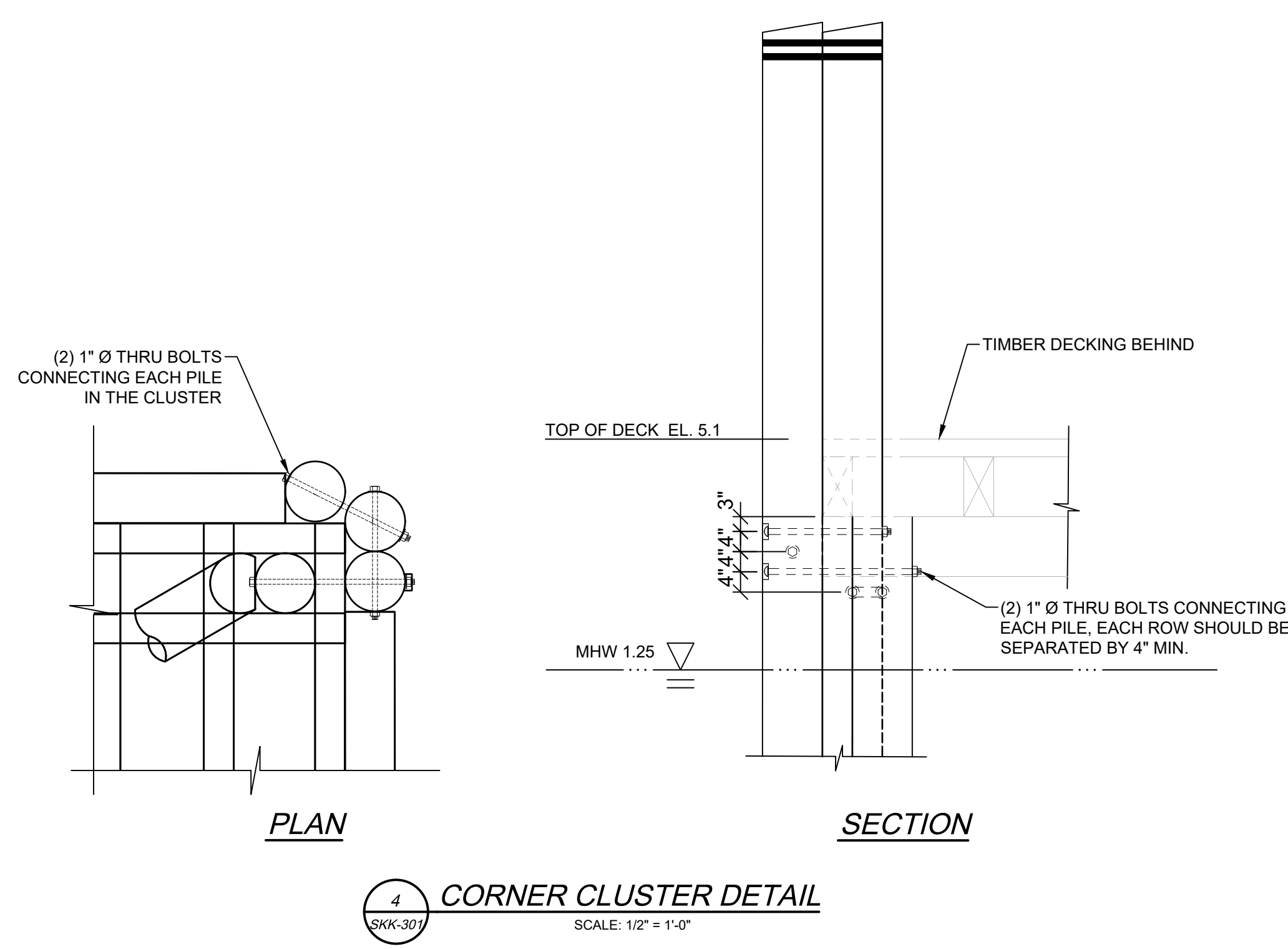
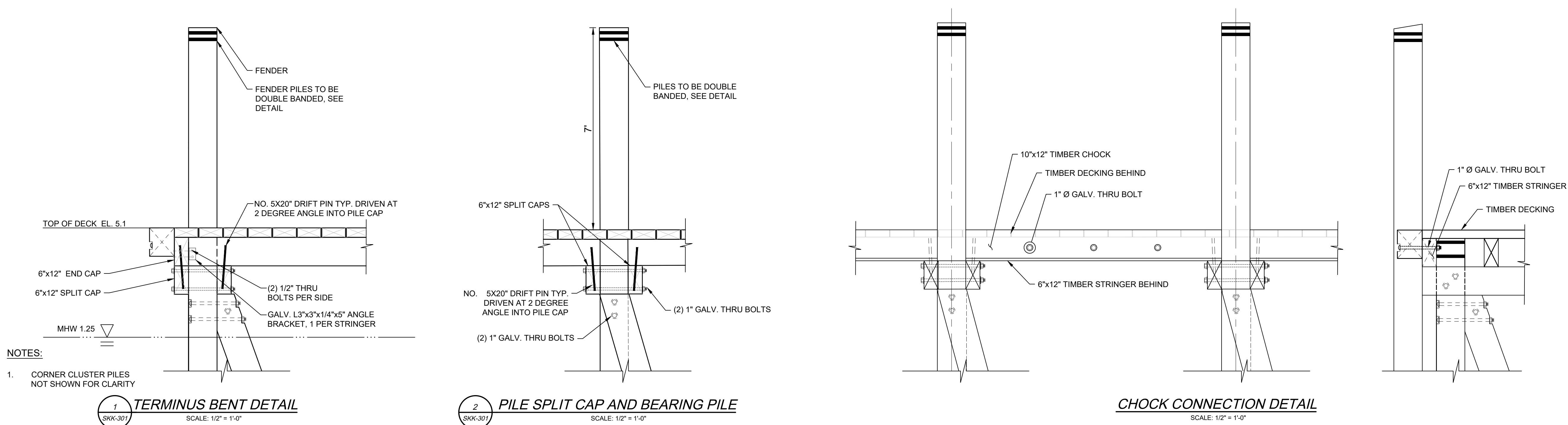
REVISIONS:	
D	4/10/2026 90% IFCR
E	4/24/2026 BUILDING PERMIT
F	7/20/2026 100% IFCR
G	7/29/2026 RICRMC PERMIT
PROJECT NO.: 23153.03	
DATE: JULY 2026	
SCALE: AS NOTED	
DESIGNED BY:	TJC
CHECKED BY:	JPN
DRAWN BY:	TJC
APPROVED BY:	TDI
DRAWING TITLE:	

PROPOSED PIER DETAILS

DRAWING NO.:

SKK-501

SHEET NO. 11 OF 1

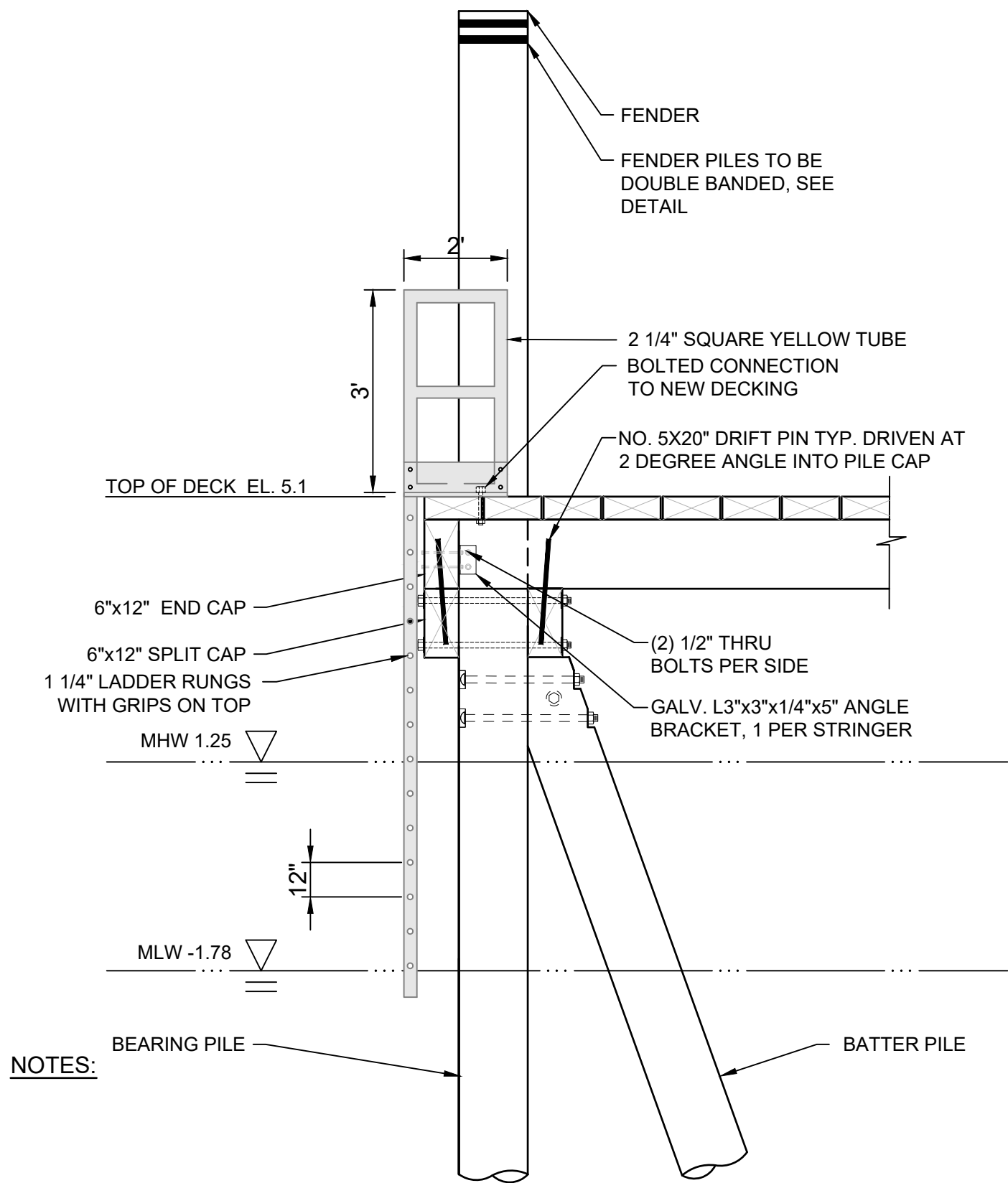


- NOTES:
1. FENDER PILE AND CHOCK NOT SHOWN FOR CLARITY.
 2. SPACING BETWEEN SS BANDING TO BE DEPENDENT ON THE THRU BOLT CONNECTION BETWEEN THE FENDER AND BEARING PILE.

ISSUED FOR PERMIT
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IF PRINTED 11X17 DRAWING IS HALF SIZE

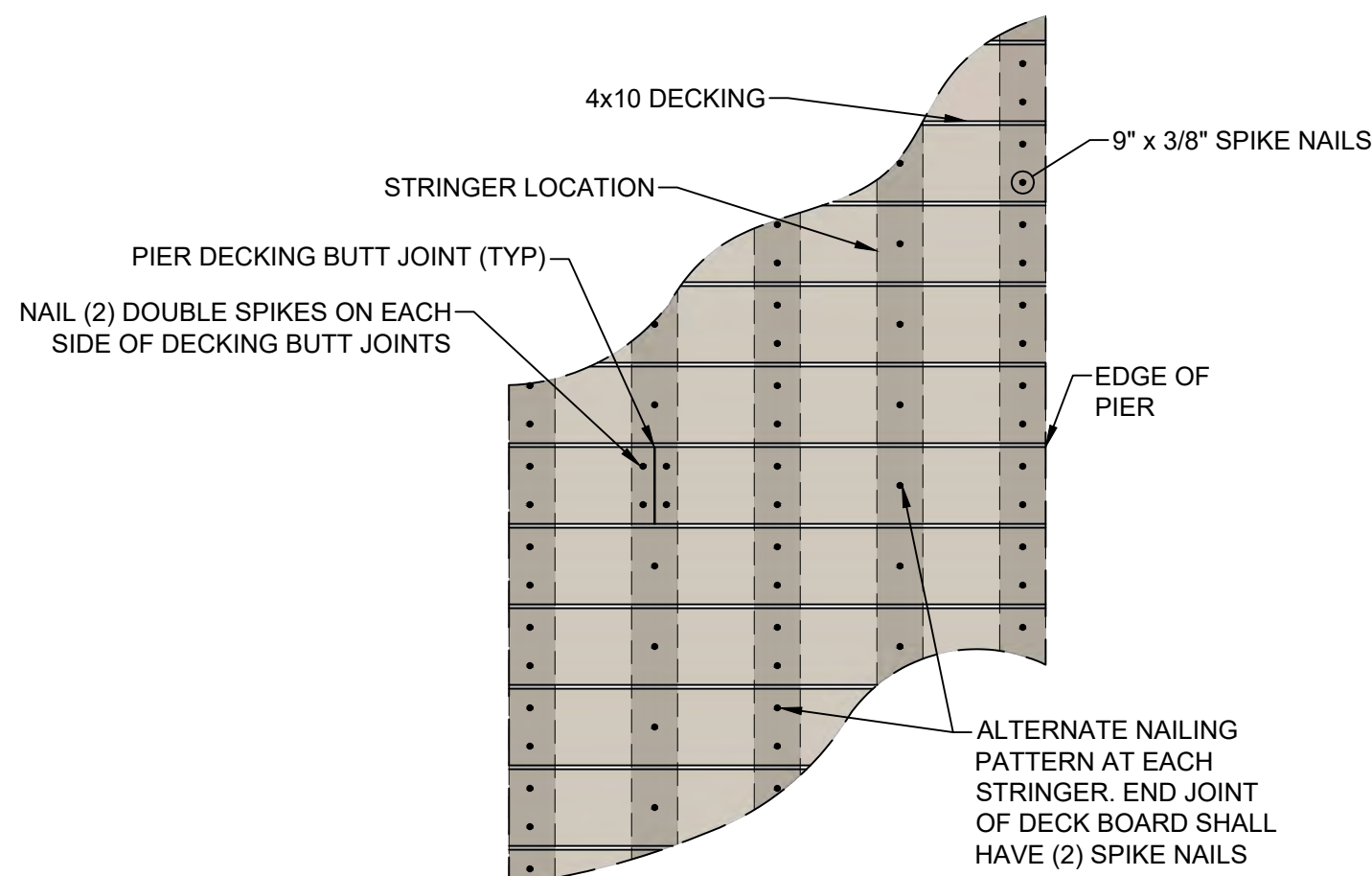
RECEIVED
8/12/2026
COASTAL RESOURCES
MANAGEMENT COUNCIL

\\JOBS\23 JOBS\23153.03 RIDEM GALILEE PHASE 5_ND\4-REAGAN DB-R\DWG\PIER KK'SKK-502 PROPOSED PIER DETAILS 2.DWG

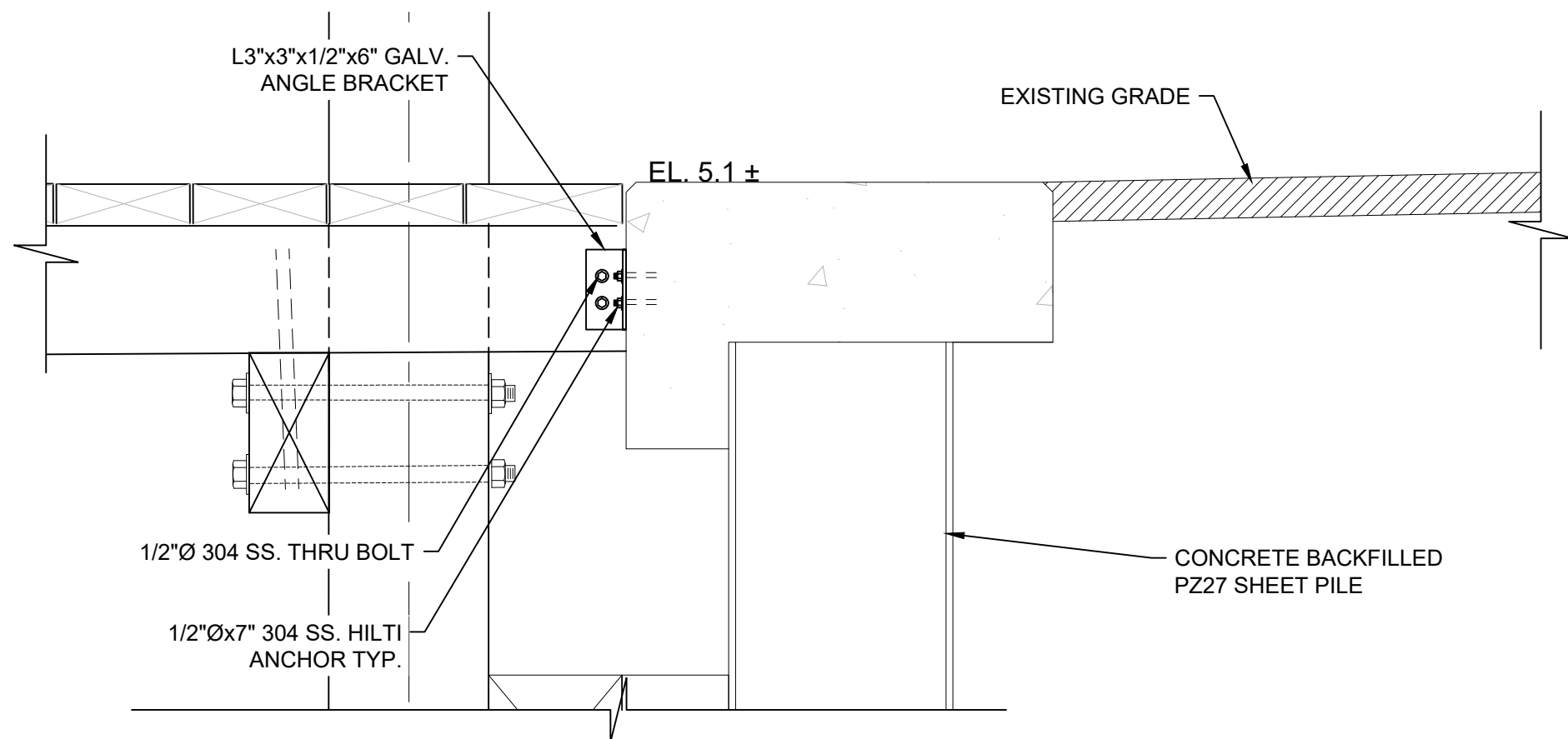


- NOTES:
1. THE DETAIL IS FOR REFERENCE PURPOSES ONLY. THE OWNER MAY ELECT TO INSTALL A LADDER OF A NEW DESIGN.
 2. FENDER PILE END CLUSTER OMITTED FOR CLARITY.

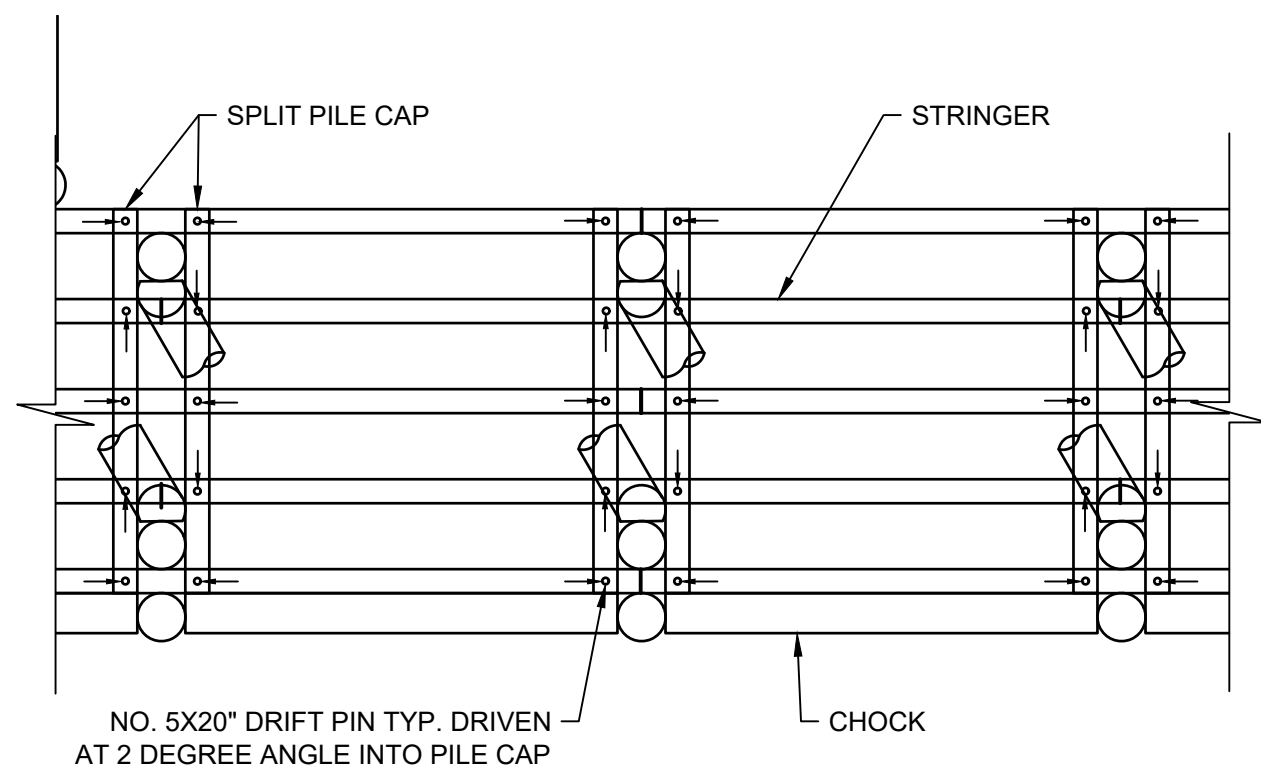
PROPOSED SAFETY LADDER DETAIL
SCALE: 1/2" = 1'-0"



NAILING SCHEDULE
SCALE: 1/2" = 1'-0"



PIER TO BULKHEAD CONNECTION DETAIL
SCALE: 1" = 1'-0"



NOTES:

1. ADJACENT STRINGERS TO BE STAGGERED SO THE TERMINAL POINT OF THE STRINGER IS NOT LOCATED AT THE SAME BENT AS AN ADJACENT BENT.
2. DRIFT PINS SHOULD BE DRIVEN AT A 3°-5° ANGLE INTO THE PILE CAP BELOW. ANGLE DIRECTION SHOULD ALTERNATE EACH SIDE OF EACH BENT.

PILE CAP TO STRINGER DETAIL
SCALE: 1/4" = 1'-0"



SCALE ADJUSTMENT GUIDE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

PIER 'KK' REMOVAL AND REPLACEMENT
PORT OF GALILEE: PHASE V
NARRAGANSETT, RHODE ISLAND
RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



REVISIONS:		
D	4/10/2026	90% IFCR
E	4/24/2026	BUILDING PERMIT
F	7/20/2026	100% IFCR
G	7/29/2026	RICRMC PERMIT
PROJECT NO.:		23153.03
DATE:		JULY 2026
SCALE:		AS NOTED
DESIGNED BY:		TJD
CHECKED BY:		JPN
DRAWN BY:		TJD
APPROVED BY:		TDT
DRAWING TITLE:		

PROPOSED PIER
DETAILS 2

DRAWING NO.:
SKK-502
SHEET NO. 12 OF 13

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION
IF PRINTED 11X17 DRAWING IS HALF SIZE



Page 2-17, 15 GUILD DRILLING CO., INC. SHEET 1 OF 2 DATE 9/25/79 HOLE NO. 16 TO State of Rhode Island ADDRESS Providence, R.I. PROJECT NAME State Piers - Galilee LOCATION Narragansett, R.I. REPORT SENT TO above /Fishing Area PROJ. NO. 80-100 SURF. ELEV. SAMPLES SENT TO 11

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler	Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION	SAMPLE
0.0							M.L.W.	
4'8"	71	4'8"-7'1"	D	1	1	1	Gray fine to coarse SAND, little silt, tr. shells & fine gravel (organic)	1 28" 18"
7'1"							Gray fine to coarse SAND, some fine to coarse gravel, little silt, trace cobbles	2 18" 18"
13'6"							Gray fine to medium SAND, little silt, tr. medium gravel & shells	3 18" 18"
23'6"							" trace F-C gravel	4 18" 12"
25'1"							Gray fine to medium SAND, tr. of silt & medium sand	5 18" 18"
28'6"	30	28'6"-30"	D	1	1	1	Gray Marine (organic) SILT, trace of shells	6 18" 18"
33'6"	35	33'6"-35"	D	1	1	1	"	7 18" 18"
38'6"	40	38'6"-40"	D	1	1	1	"	8 18" 18"

GROUND SURFACE TO 53'6" USED BW "CASING: THEN S/S to 55" SUMMARY: Earth Boring 25' D: Dry C-Cored W-Washed Trace 0-10% Cohesiveness Density 0-10 Loose 0-4 Soft 30+ Hard Rock Coring Samples 11

Page 2-20 13 GUILD DRILLING CO., INC. SHEET 2 OF 2 DATE 9/25/79 HOLE NO. 17 TO State of Rhode Island ADDRESS Providence, R.I. PROJECT NAME State Piers - Galilee LOCATION Narragansett, R.I. REPORT SENT TO above /Fishing Area PROJ. NO. 80-100 SURF. ELEV. SAMPLES SENT TO 11

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler	Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION	SAMPLE
26								
34								
43								
47							Yellow Brown silty fine to coarse SAND, some F-M gravel	8 18" 12"
49								
70							Brown Gray fine to medium SAND, silt, some fine to coar. gravel, trace coarse sand	9 18" 12"
53'6"							" & fine gravel (comp.) Bottom of Boring 55'	10 18" 12"

GROUND SURFACE TO 53'6" USED BW "CASING: THEN S/S to 55" SUMMARY: Earth Boring 25' D: Dry C-Cored W-Washed Trace 0-10% Cohesiveness Density 0-10 Loose 0-4 Soft 30+ Hard Rock Coring Samples 11

RECEIVED 8/12/2026 COASTAL RESOURCES MANAGEMENT COUNCIL

Page 2-18 14 GUILD DRILLING CO., INC. SHEET 2 OF 2 DATE 9/25/79 HOLE NO. 16 TO State of Rhode Island ADDRESS Providence, R.I. PROJECT NAME State Piers - Galilee LOCATION Narragansett, R.I. REPORT SENT TO above /Fishing Area PROJ. NO. 80-100 SURF. ELEV. SAMPLES SENT TO 11

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler	Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION	SAMPLE
43'6"	45	43'6"-45"	D	1	1	1	Gray Marine (organic) SILT, trace shells	9 8" 18"
48'6"	50	48'6"-50"	D	20	30	30	Gray silty fine to coarse SAND & fine to coarse gravel trace cobbles	10 18" 12"
53'6"	55	53'6"-55"	D	15	17	20	" some silt Bottom of Boring 55'	11 18" 12"

GROUND SURFACE TO 53'6" USED BW "CASING: THEN S/S to 55" SUMMARY: Earth Boring 25' D: Dry C-Cored W-Washed Trace 0-10% Cohesiveness Density 0-10 Loose 0-4 Soft 30+ Hard Rock Coring Samples 11

Page 2-21 14 GUILD DRILLING CO., INC. SHEET 1 OF 2 DATE 9/27/79 HOLE NO. 18 TO State of Rhode Island ADDRESS Providence, R.I. PROJECT NAME State Piers - Galilee LOCATION Narragansett, R.I. REPORT SENT TO above /Fishing Area PROJ. NO. 80-100 SURF. ELEV. SAMPLES SENT TO 11

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler	Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION	SAMPLE
2								
8'10"							Bottom Channel Black oily fine SAND & Marine Silt, trace shells	1 24" 18"
13'6"							Gray fine SAND, some silt, trace shells (organic)	2 18" 12"
18'6"							Gray fine to coarse SAND, trace shells & silt	3 18" 18"
23'6"							Gray Marine (organic) SILT, trace shells	4 18" 18"
28'6"							"	5 18" 18"
33'6"							Blue Gray fine to medium SAND & Silt	6 18" 12"
38'6"							Blue Gray fine to coarse SAND, some silt, fine to medium gravel	7 18" 12"
43'6"							Brown fine to coarse SAND & F-M gravel, some silt	8 18" 12"

GROUND SURFACE TO 53'6" USED BW "CASING: THEN S/S to 55" SUMMARY: Earth Boring 25' D: Dry C-Cored W-Washed Trace 0-10% Cohesiveness Density 0-10 Loose 0-4 Soft 30+ Hard Rock Coring Samples 11

Page 2-19 11 GUILD DRILLING CO., INC. SHEET 1 OF 2 DATE 9/25/79 HOLE NO. 17 TO State of Rhode Island ADDRESS Providence, R.I. PROJECT NAME State Piers - Galilee LOCATION Narragansett, R.I. REPORT SENT TO above /Fishing Area PROJ. NO. 80-100 SURF. ELEV. SAMPLES SENT TO 11

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler	Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION	SAMPLE
6'1"								
6'1"							Bottom Harbor Black oily SILT & fine Sand	1 48" 20"
13'6"							Gray very fine SAND, some silt, trace shells	2 18" 12"
18'6"							Gray fine to medium SAND, trace silt & shells	3 18" 12"
23'6"							Gray fine to medium SAND, fine to coarse gravel mixed with Marine silt, tr. shells	4 18" 18"
28'6"							Dark Gray fine to coarse SAND w/silt layers, some fine to medium gravel	5 18" 18"
33'6"							Brown fine to coarse SAND w/silt layers, little fine to coarse gravel	6 18" 18"
38'6"							Brown fine SAND, silt w/r. fine gravel & coarse sand	7 18" 12"

GROUND SURFACE TO 53'6" USED BW "CASING: THEN S/S to 55" SUMMARY: Earth Boring 25' D: Dry C-Cored W-Washed Trace 0-10% Cohesiveness Density 0-10 Loose 0-4 Soft 30+ Hard Rock Coring Samples 11

Page 2-22 13 GUILD DRILLING CO., INC. SHEET 2 OF 2 DATE 9/27/79 HOLE NO. 18 TO State of Rhode Island ADDRESS Providence, R.I. PROJECT NAME State Piers - Galilee LOCATION Narragansett, R.I. REPORT SENT TO above /Fishing Area PROJ. NO. 80-100 SURF. ELEV. SAMPLES SENT TO 11

DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler	Moisture Density or Consist.	Strata Change Elev.	SOIL IDENTIFICATION	SAMPLE
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