

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: 2024-01-061

Date: February 6, 2024

This office has under consideration the application of:

### Department of Environmental Management 235 Promenade Street Providence, RI 02908

for a State of Rhode Island Assent to construct and maintain: a new commercial timber dock constructed entirely within the footprint of the recently demolished "F" Dock. The timber dock shall be 24 feet wide on the deck and a have a total width of 26 feet when including the proposed fender system. The proposed dock is 99 feet long and will be elevated to match the grade of the bulkhead at ELV 5.21.

Project Location:	270 Great Island Road	
City/Town:	Narragansett	
Plat/Lot:	I-G / 204-DS, 204-DSXM, 96	
Waterway:	Port of Galilee	

Plans of the proposed work can be requested at <u>Cstaff1@crmc.ri.gov</u>.

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 to 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 <u>March 6, 2024</u>.

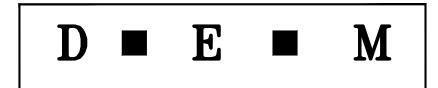
Please email your comments/hearing requests to: <u>cstaff1@crmc.ri.gov</u>; or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

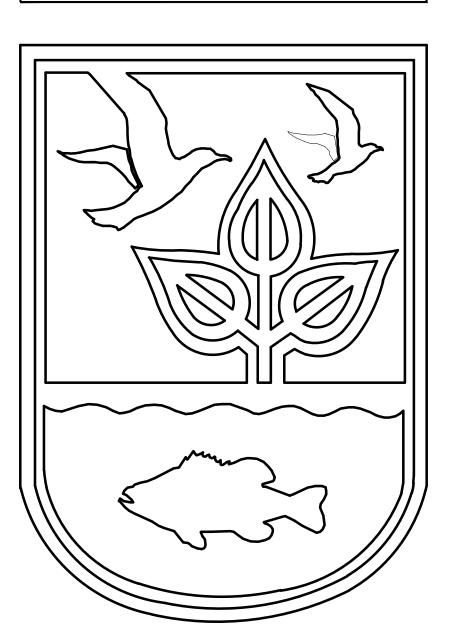
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	3	2.0	STAGING AND ACCESS PLAN
	4	3.0	EXISTING SITE PLAN
	5	4.0	PIER 'F' PLAN
	6	4.1	PIER 'F' CROSS SECTION
	7	4.2	PIER 'F' DETAILS
	8	4.3	PIER F ALTERNATIVE DETAILS



# STATE OF RHODE ISLAND





DEPARTMENT OF ENVIRONMENTAL MANAGEMENT DIVISION OF PLANNING AND DEVELOPMENT

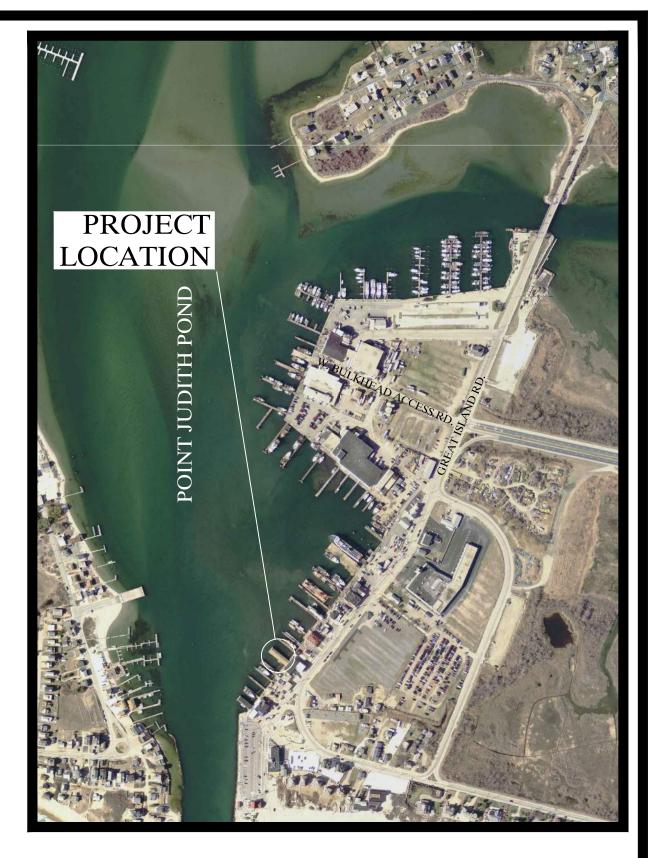
# PIER F REMOVAL AND REPLACEMENT PORT OF GALILEE: PHASE III

NARRAGANSETT, RHODE ISLAND Pare Project No. 23153.00



PARE CORPORATION **ENGINEERS - SCIENTISTS - PLANNERS** 10 LINCOLN ROAD, SUITE 210 FOXBORO, MA 02035 508-543-1755

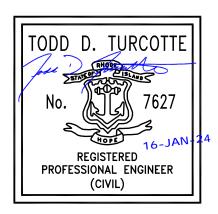
JANUARY, 2023



## Locus Map

Scale: 1"=500'





GENERAL NOTES:	SPILL PREVENTION AND CONTROL NOTES:	LEGEND			
1. FOR THE PURPOSE OF THIS PROJECT	1. SPILLS AND LEAKS SHALL BE AVOIDED THROUGH FREQUENT INSPECTION OF EQUIPMENT AND MATERIAL STORAGE AREAS, AND SHALL BE REMEDIATED AND REPAIRED AS NECESSARY.	EXISTING NO			
OWNER – DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, STATE OF RHODE ISLAND 235 PROMENADE STREET, FL. 3 PROVIDENCE, RI 02908	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.	BUILDING ASPHALT			
ENGINEER – PARE CORPORATION 10 LINCOLN ROAD, SUITE 210 FOXBORO, MA 02035 CONTACT – TODD D TURCOTTE, PE	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.	AP N/F (D)			
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. THESE PLANS ARE INCOMPLETE UNLESS ACCOMPANIED BY THE SPECIFICATIONS INCLUDED IN THE CONTRACT	4. SPILL REMEDIATION SHALL BE PERFORMED IMMEDIATELY. CONTRACTOR SHALL FOLLOW PROPER RESPONSE PROCEDURES IN ACCORDANCE WITH ANY APPLICABLE REGULATORY REQUIREMENTS.	(M) (C)			
DOCUMENTS.	<ol> <li>AT NO TIME SHALL SPILLS BE DIVERTED TOWARD STORM DRAINS OR TO THE WATERWAY.</li> <li>EQUIPMENT/VEHICLE FUELING AND REPAIR/MAINTENANCE OPERATIONS SHALL TAKE PLACE ONLY WITHIN</li> </ol>	(CA) HC			
<ol> <li>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.</li> </ol>	DESIGNATED STAGING AREAS. 7. THE EQUIPMENT OPERATOR SHALL FULLY MONITOR FUELING OPERATIONS TO EQUIPMENT AND VEHICLES AT				
4. CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS, AND SAFETY OF WORK.	ALL TIMES.				
5. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH THE LEASE TENANTS THAT WILL BE IMPACTED BY DEMOLITION AND CONSTRUCTION, INCLUDING TEMPORARY REMOVAL AND REPLACEMENT	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	X			
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)	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				
6. HORIZONTAL DATUM: RHODE ISLAND STATE PLANE – NAD83 VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM – NAVD88	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.				
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS. PLANS SHALL NOT BE SCALED FOR DIMENSIONS.		W			
8. NOTES, TYPICAL DETAILS, AND SCHEDULES APPLY TO ALL WORK UNLESS OTHERWISE NOTED. FOR	<u>CONCRETE NOTES (ALTERNATIVE B):</u> 1. CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF ACI 318 – "BUILDING CODE	S SFM			
CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS OF SIMILAR NATURE. 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL PROJECT DEMOLITION AND	REQUIREMENTS FOR STRUCTURAL CONCRETE" AND THE RHODE ISLAND STATE BUILDING CODE.	G			
EXCESS MATERIAL IN ACCORDANCE WITH RHODE ISLAND, LOCAL, AND FEDERAL LAWS. 10. THE CONTRACTOR SHALL PROTECT ALL ADJACENT STRUCTURES AND UTILITIES.	2. CONCRETE SHALL BE NORMAL WEIGHT, WITH TYPE II CEMENT, AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 5,000 PSI ALL CONCRETE DESIGN MIXES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.	OHW			
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.	3. CONCRETE SHALL CROW AT THE CENTER OF THE PIER AND CARRY AN APPROXINATE 1.5% GRADE TO THE EDGES.				
12. THE CONTRACTOR WILL SUBMIT A CONSTRUCTION SCHEDULE TO THE OWNER. THE CONTRACTOR	4. ALL CONCRETE SHALL BE AIR-ENTRAINED WITH AN AIR CONTENT OF $6\% + / - 1\%$ .	<u>PROPOSED</u>			
WILL UPDATE SCHEDULE AS NEEDED THROUGHOUT THE COURSE OF WORK. 13. THE CONTRACTOR SHALL STAGE ALL EQUIPMENT IN THE DESIGNATED STAGING AREA. ALL GREASING	<ol> <li>ALL EXPOSED EDGES SHALL BE CHAMFERED 1" UNLESS NOTED OTHERWISE.</li> <li>WHEN CONCRETE IS PLACED AGAINST PREVIOUSLY HARDENED CONCRETE, THE INTERFACE SHALL BE</li> </ol>				
AND REFUELING ACTIVITIES SHALL OCCUR IN THE STAGING AREA. 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.	CLEAN, FREE OF LAITANCE AND INTENTIONALLY ROUGHENED TO FULL AMPLITUDE OF APPROXIMATELY 1/4 INCH.				
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.	<ol> <li>CONCRETE WASHOUT OPERATIONS TO OR WITHIN THE WATERWAY MUST NOT TAKE PLACE AT ANY TIME.</li> <li>8. CONCRETE TO BE REINFORCED WITH DL STEEL MESH.</li> </ol>				
14. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT ALL CONSTRUCTION		0			
DEBRIS OR WASTE FROM FALLING INTO THE WATER. ANY DEBRIS FALLING INTO THE WATER SHALL BE RECOVERED AND PROPERLY DISPOSED OF.	GENERAL SCOPE OF WORK	DESIGN LOADS			
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.	1. PRIOR TO PROJECT COMMENCEMENT, DESIGN BUILDER AND OWNER WILL NOTIFY AND COORDINATE WITH ALL STATE, LOCAL AND FEDERAL AUTHORITIES AS REQUIRED.	DOCKING AND MOORING DESIGN CRITERIA 1. DESIGN VESSEL A. L (FT)			
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,	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.	B. BM (FT)			
CONSTRUCTION DEVIATIONS, CHANGES DUE TO FIELD OR CHANGE ORDER, AND DETAILS NOT ON THE ORIGINAL DRAWINGS.	3. PREVIOUS PIER HAS BEEN REMOVE. IN PLACE PILED TO BE CUT AT MUDLINE WHEN NECESSARY.	F. CLASS G. NAME			
17. ANY ITEMS REFERENCED AS BEING ON "HOLD" WILL BE PRICED AND BID AS SHOWN, HOWEVER, DETAILING, FABRICATION OR CONSTRUCTION WILL NOT BEGIN UNTIL THE HOLD NOTE IS REMOVED.	4. LAYOUT THE PRELIMINARY ALIGNMENT OF PILES SUCH THAT THE CENTER OF PIER IS ALIGNED IWTH THE CENTER OF THE GARAGE DOOR FOR THE EXISTING NARRAGANSETT CRAB COMPANY BUILDING.	<ul><li>H. TYPE FISHING VESSEL</li><li>2. DOCKING STATION HYDRODYNAMIC DATA</li></ul>			
STRUCTURAL TIMBER NOTES	5. DRIVE NEW TIMBER SUPPORT PILES TO THE SPECIFIED DEPTH AS SEEN ON SHEET 4.1.	A. DESIGN DREDGE DEPTH, MIN (FT) . 15 B. WATER DENSITY (PCF) 64 C. WIND SPEED (MPH) 94			
1. STRUCTURAL DESIGN IS BASED UPON THE USE OF #2 SOUTHERN YELLOW PINE, WITH A MINIMUM BENDING CAPACITY OF:	6. INSTALL L ANGLE ON EXISTING CONCRETE BULKHEAD AND EXTEND THE PIER TO THE EXISTING FFE OF THE NARRAGANSETT CRAB COMPANY BUILDING.	C. WIND SPEED (MPH)			
Fb=1200 PSI FOR 2-4 INCH MEMBERS Fb=1000 PSI FOR 5-6 INCH MEMBERS	7. INSTALL NEW TIMBER PIER FRAMING AS INDICATED ON THE DRAWINGS.	F. BERTHING EXPOSURE EXPOSED 3. BERTHING DESIGN DATA			
Fb=800 PSI FOR 12 INCH MEMBERS	8. ALTERNATIVE A: INSTALL PLYWOOD ON TOP OF EXISTING STRINGERS AND PLACE FORMWORK FOR THE 5 INCH CONCRETE SLAB.	A. CM			
2. ALL RESIDENTIAL CONSTRUCTION (OCCUPANCIES R2 AND R3) IS TO CONFORM TO SBCCI SSTD 10–97, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER OR ARCHITECT.	9. ALTERNATIVE B: INSTALL 3 X 12 INCH DECKING ON TOP OF INSTALLED STRINGERS.	C. CE 0.60 D. CS 1.00 E. CC 1.00			
3. ALL NAILING REQUIREMENTS SHALL BE AS PER THE STANDARD BUILDING CODE TABLE 2306.1, OR SBCCI SSTD 10–97, APPENDIX E., UNLESS NOTED DIFFERENTLY ON THE DRAWINGS. NAILING REQUIREMENTS ARE IN ADDITION TO THE REQUIREMENTS OF SPECIFIED TIMBER CONNECTORS	10. INSTALL FENDER SYSTEM AND END PILE CLUSTERS. 11. DEMOBILIZE AND RETURN DISTURBED AREAS OF THE SITE TO PRE-CONSTRUCTION CONDITIONS.	F. VELOCITY (FPS) 0.5 G. BERTHING ENERGY (T–F) 4.0			
4. ALL NAILING REQUIREMENTS LISTED ARE BASED UPON THE USE OF COMMON WIRE NAILS (NOT	EROSION CONTROL NOTES:	<ol> <li>BERTHING SYSTEM PRODUCTS ARE BASED UPON THE FOLLOWING MANUFACTURERS, LATEST PUBLISHED DATA AT THE DATE OF ISSUE;</li> </ol>			
SINKERS, BOX, ETC.). ALTERNATIVE NAIL TYPES OF EQUIVALENT DIAMETERS MAY BE SUBSTITUTED, WITH PRIOR APPROVAL OF THE ENGINEER OF RECORD.	1. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES FOR THE DURATION OF THE PROJECT.	A. TRELLEBORG MARINE SYSTEMS NORTH AMERICA			
5. ALL BOLTS, NUTS, WASHERS, LAGS, SCREWS, AND DRIFT PINS SHALL BE MEDIUM CARBON STEEL WITH GAVANIZED COATING. SIZE AND TYPE TO SUIT APPLICATION IN CONFORMANCE WITH ASTM A153.	2. CONTRACTOR SHALL PREVENT SEDIMENT FROM ENTERING THE WATERWAY VIA DISCHARGES THROUGH ANY DRAINAGE STRUCTURES OR RUNOFF FROM WITHIN THE LIMITS OF WORK.	<ol> <li>EXISTING DOCKING AND MOORING CONSTRUCTION BASED UPON DRAWINGS BY **** DATED ****, PROVIDED BY THE OWNER.</li> </ol>			
6. ALL TIMBER SHALL BE ROUGH GRADED UNLESS OTHERWISE NOTED.	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.				
7. BRUSH OR ROLLER APPLY TWO COATS OF WOOD PRESERVATIVE TO ANY SURFACE WHICH HAS BEEN FIELD CUT, DRESSED, OR DRILLED	<ol> <li>SOIL STOCKPILES SHALL BE A MINIMUM OF 2-FEET FROM THE EDGE OF THE BULKHEAD TO LIMIT RUNOFF INTO THE HARBOR.</li> </ol>				
8. TIMBER DESIGNATED AS TREATED SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C2, SERVICE CONDITION UC5A-B. THE PRESSURE TREATMENT PER COMPONENT IS AS FOLLOWS:	5. DISCHARGE OF TURBID WATER TO THE WATERWAY IS PROHIBITED.				
A. SYP TIMBER PILES					

0.80 CCA

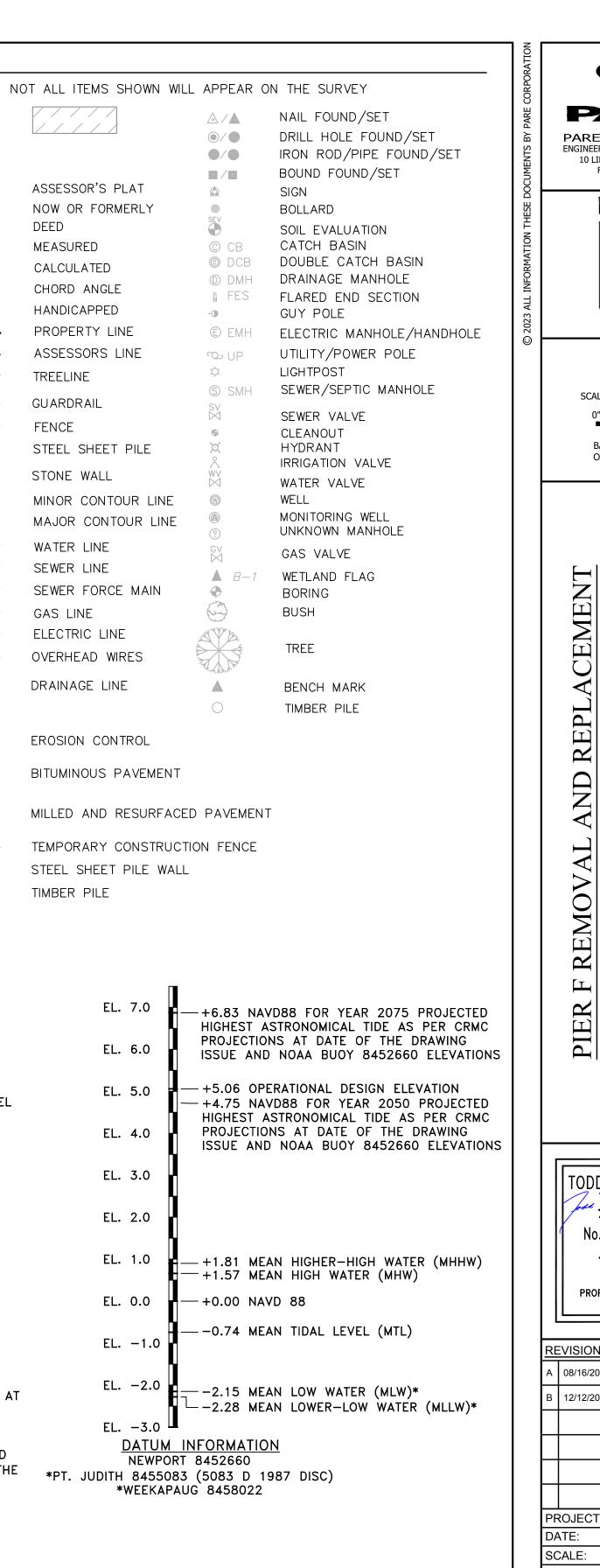
RECEIVED 1/18/2024

COASTAL RESOURCES

C. 4 X 10 SPLIT CAPS ..... D. 6 X 10 STRINGERS .....

E. 4 X 10 STRINGERS ..... 0.80 CCA F. 10 X 12 FENDER CHOCKS ...... 0.80 CCA G. 3 X 10 TIMBER DECKING (S4S) .. 0.23 MCA

- AT





PERMIT DESIGN SUBMISSION NOT FOR CONSTRUCTION

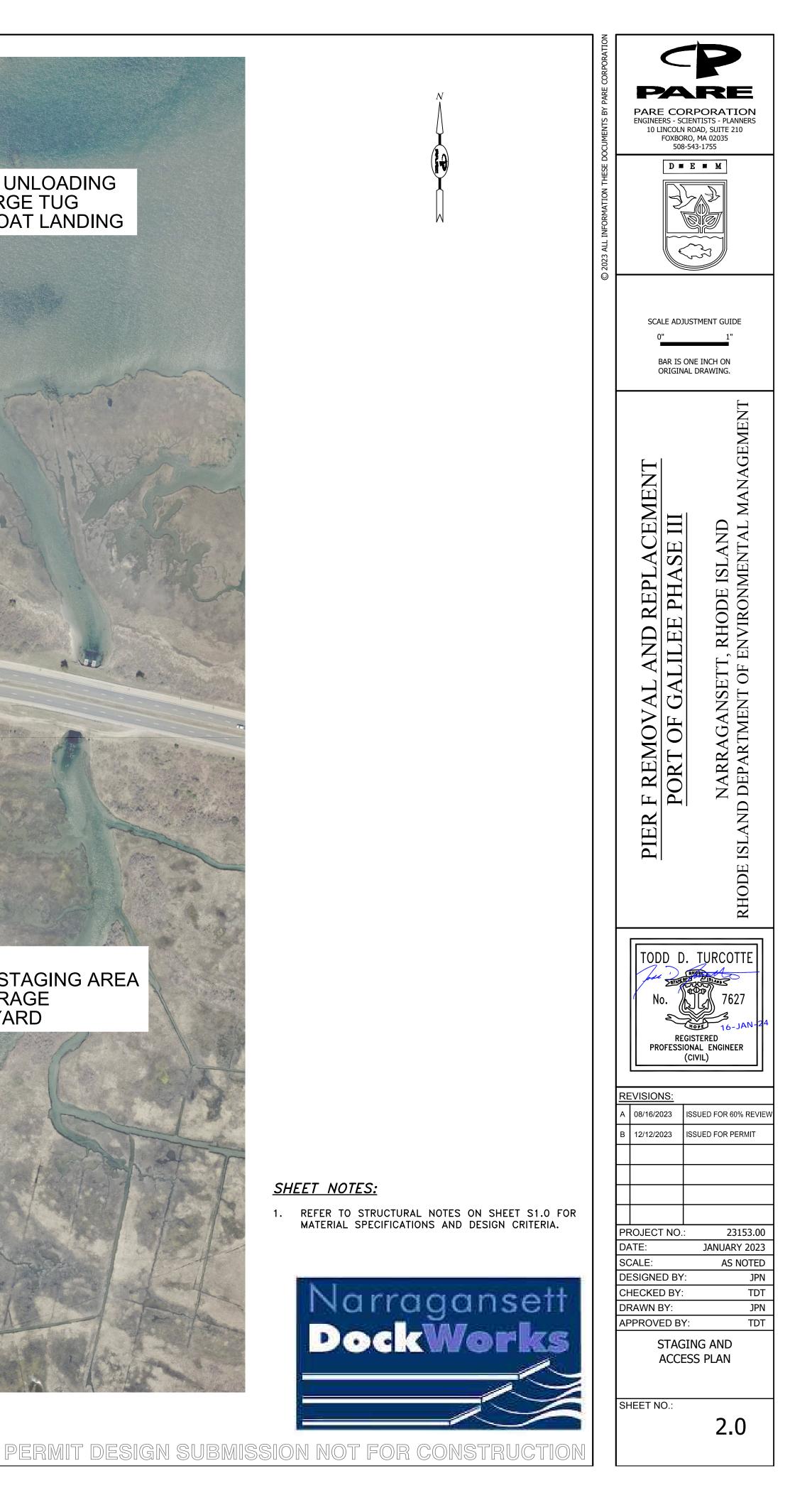
PARE CORPORATION         PARE CORPORATION         ENGINEERS - SCIENTISTS - PLANNERS         10 LINCOLN ROAD, SUITE 210         FOXBORO, MA 02035         508-543-1755						
	SCALE ADJUSTMENT GUIDE 0"1" BAR IS ONE INCH ON ORIGINAL DRAWING.					
	PIER F REMOVAL AND REPLACEMENT PORT OF GALILEE PHASE III	NARRAGANSETT, RHODE ISLAND RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT				
	No. REGISTERED PROFESSIONAL ENGINEER (CIVIL)					
<u>RE</u>	VISIONS: 08/16/2023	ISSUED FOR 60% REVIEW				
B	12/12/2023	ISSUED FOR PERMIT				
	ROJECT NO	.: 23153.00				
	ATE:	JANUARY 2023				
		AS NOTED				
	ESIGNED BY					
DRAWN BY: JPN						
APPROVED BY: TDT GENERAL NOTES						
SHEET NO.: <b>1.0</b>						

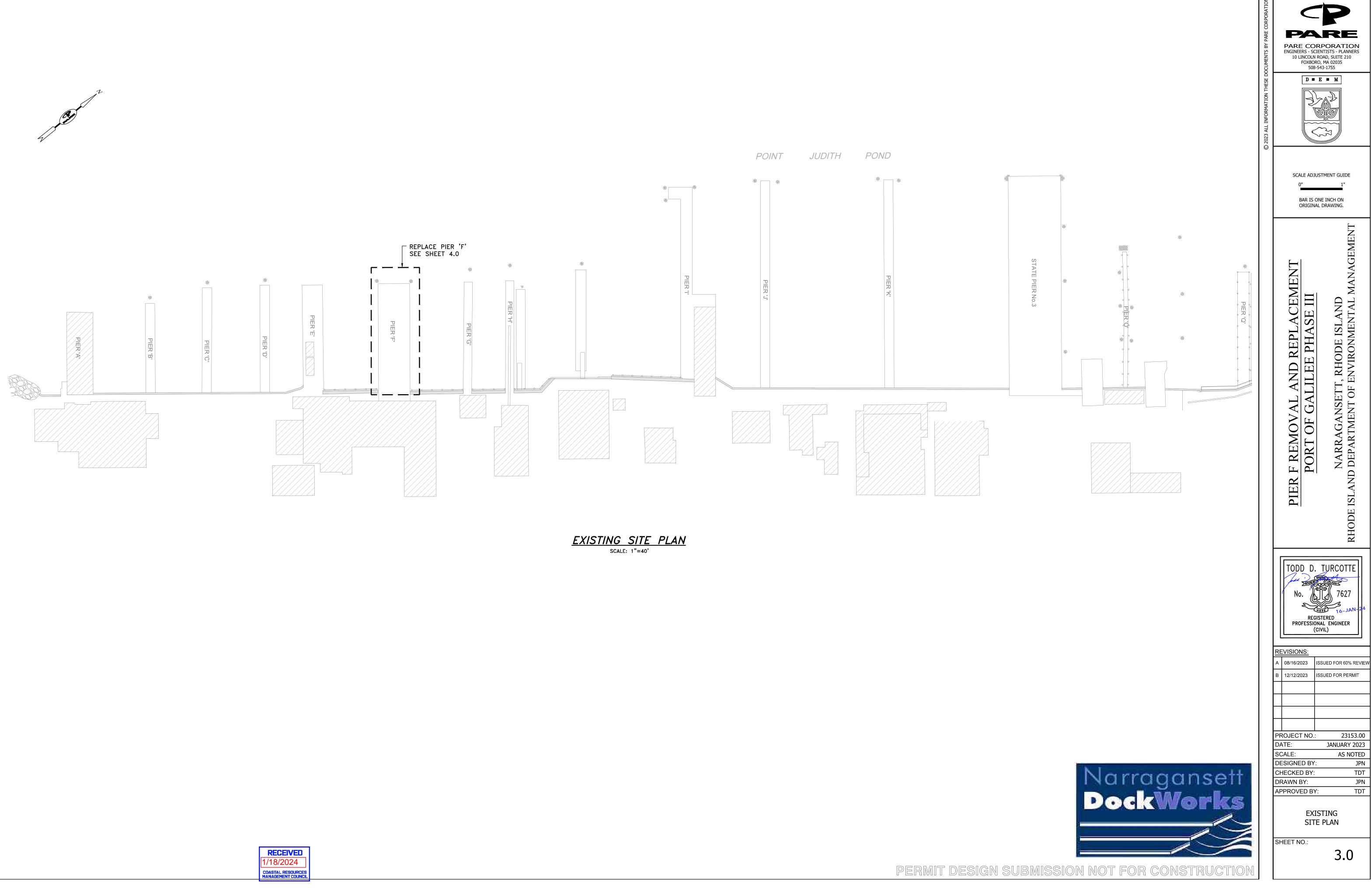


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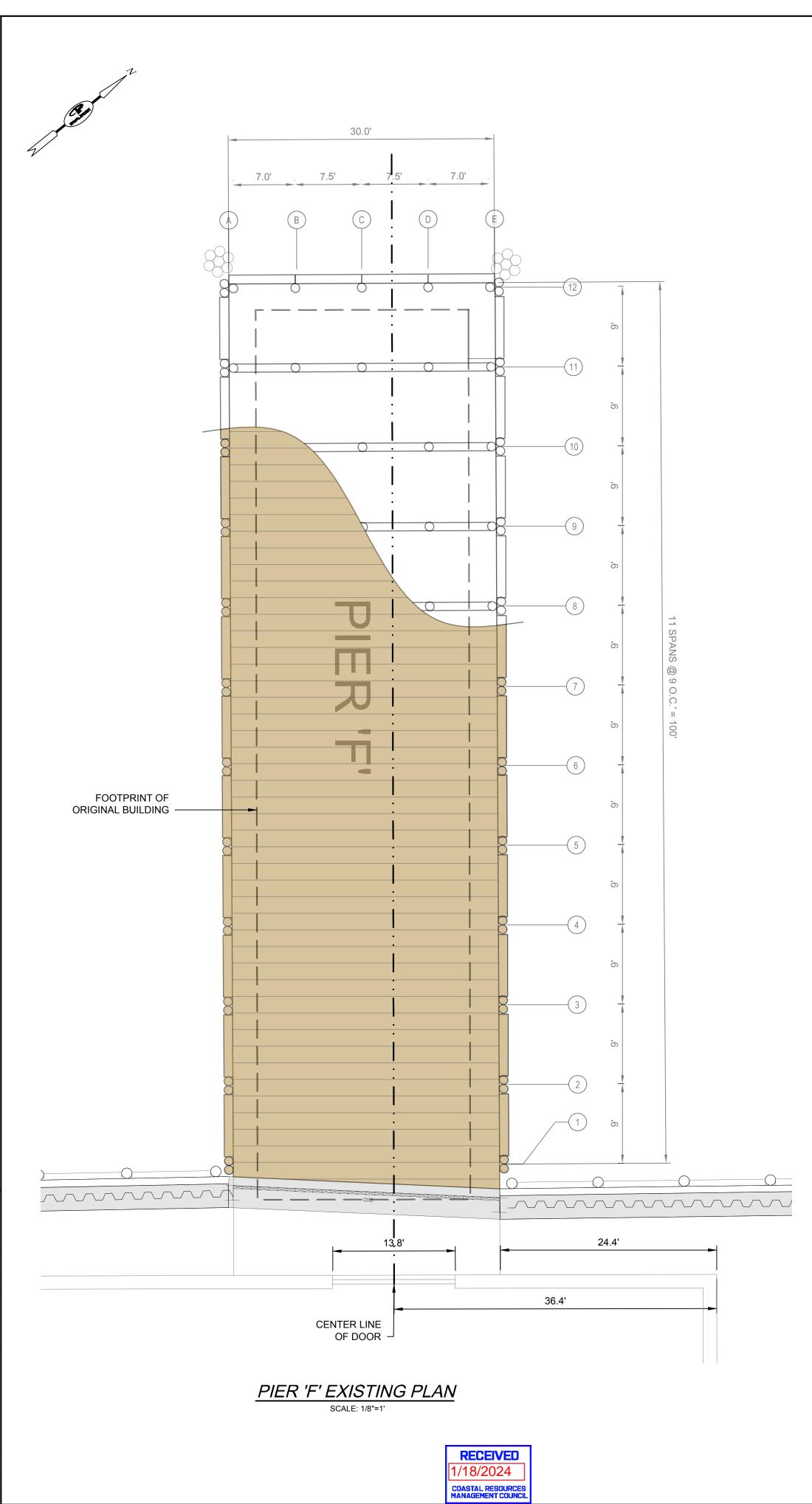
COASTAL RESOURCES

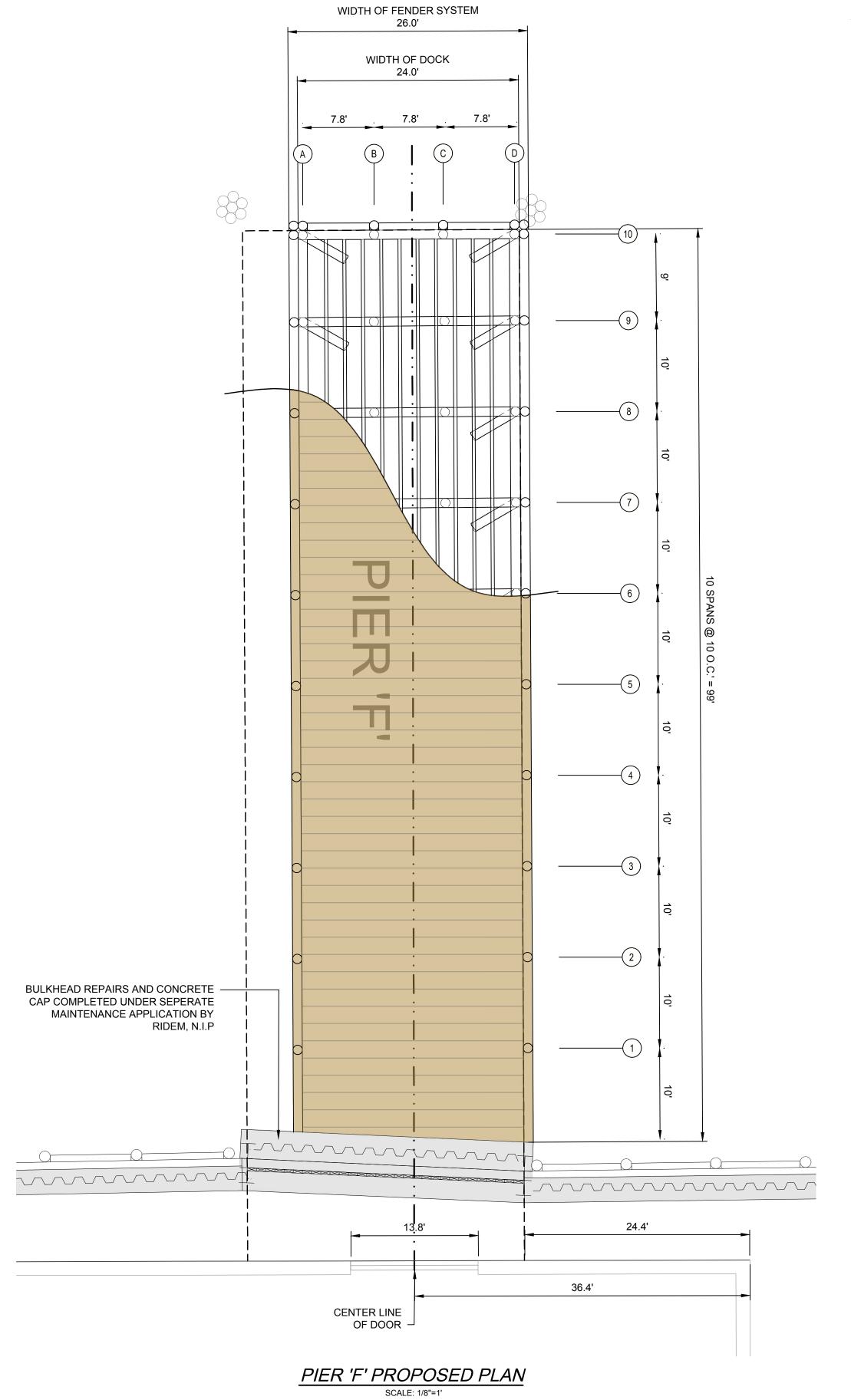
STAGING AND ACCESS PLAN SCALE: 1"=150'



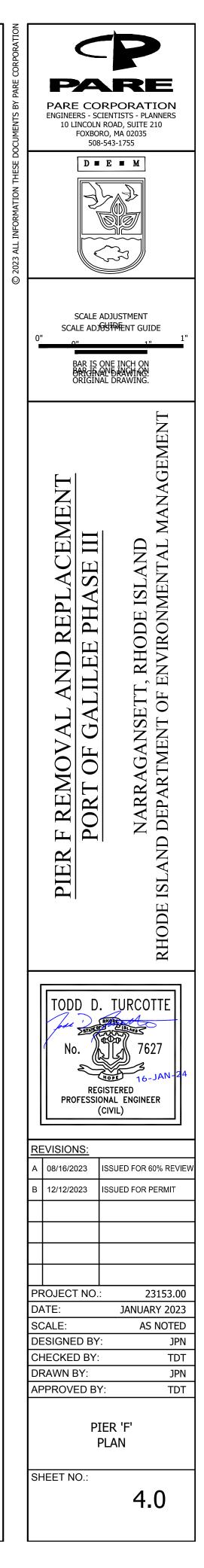








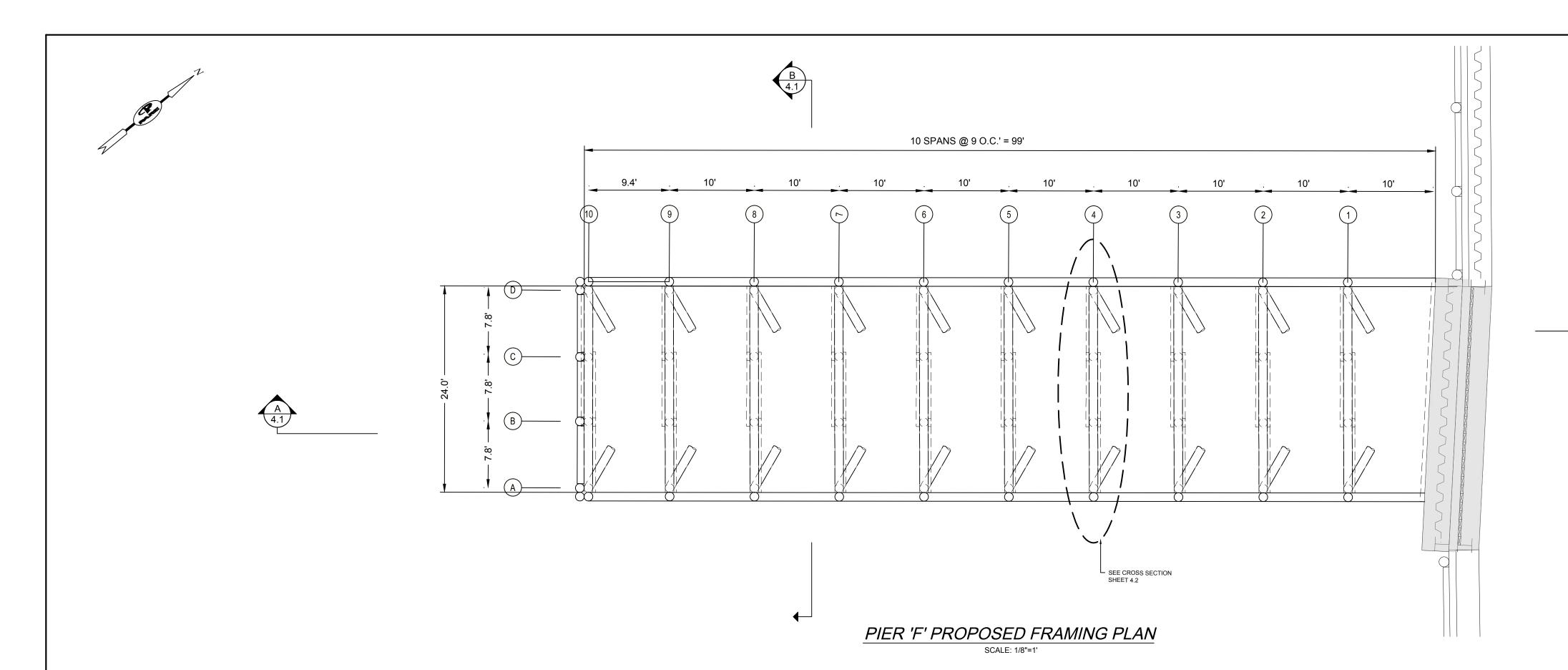
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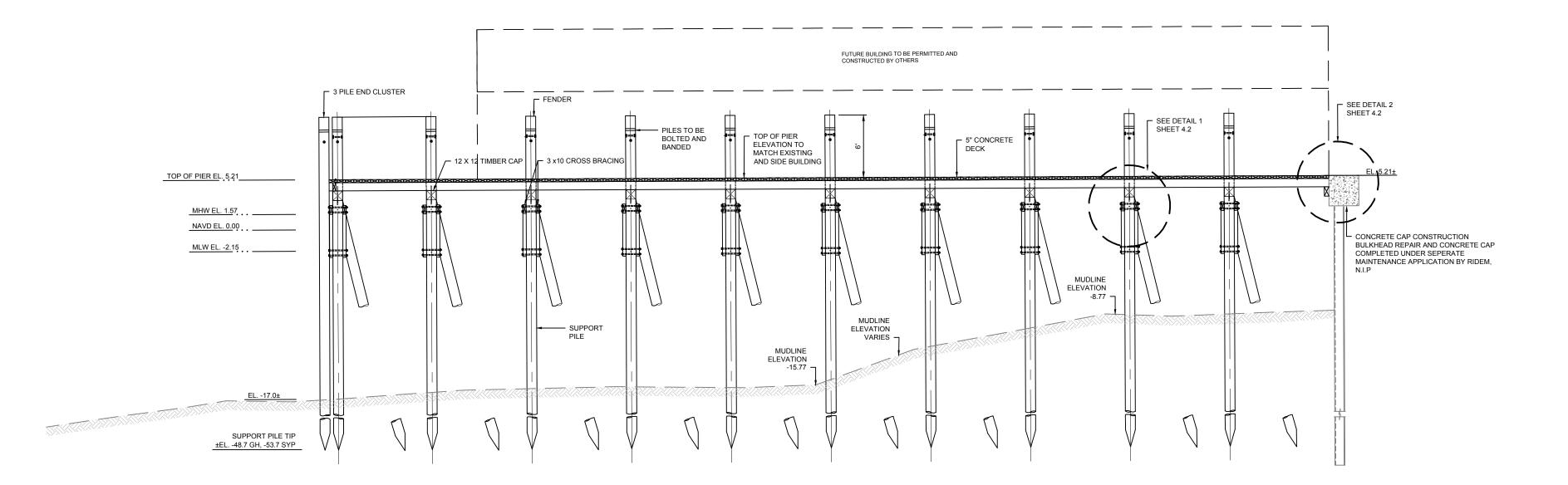


1. THE CONSTRUCTION OF A NEW BUILDING IS NOT WITHIN THE SCOPE OF THIS WORK.



PERMIT DESIGN SUBMISSION NOT FOR CONSTRUCTION



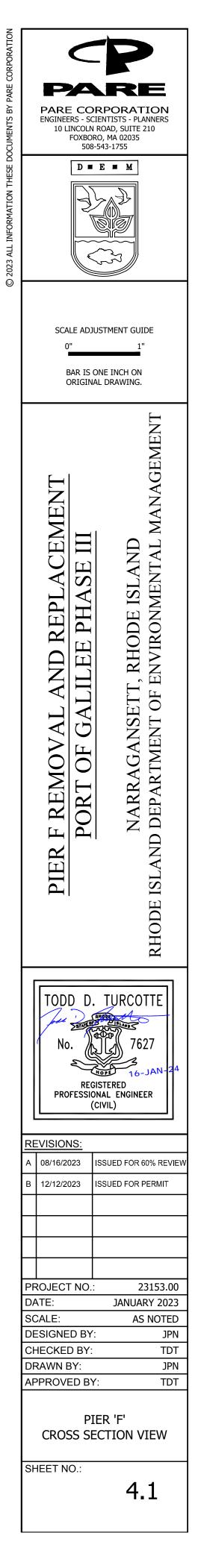


### NOTES:

- 1. FINAL FENDER/BEARING PILE STICK UP ELEVATION TO BE DETERMINED BY OWNER.
- 2. TOP OF PIER TO MATCH F.F.E. OF BUILDING.
- 3. FUTURE BUILDING NOT SHOWN ON PLAN VIEW FOR CLARITY.

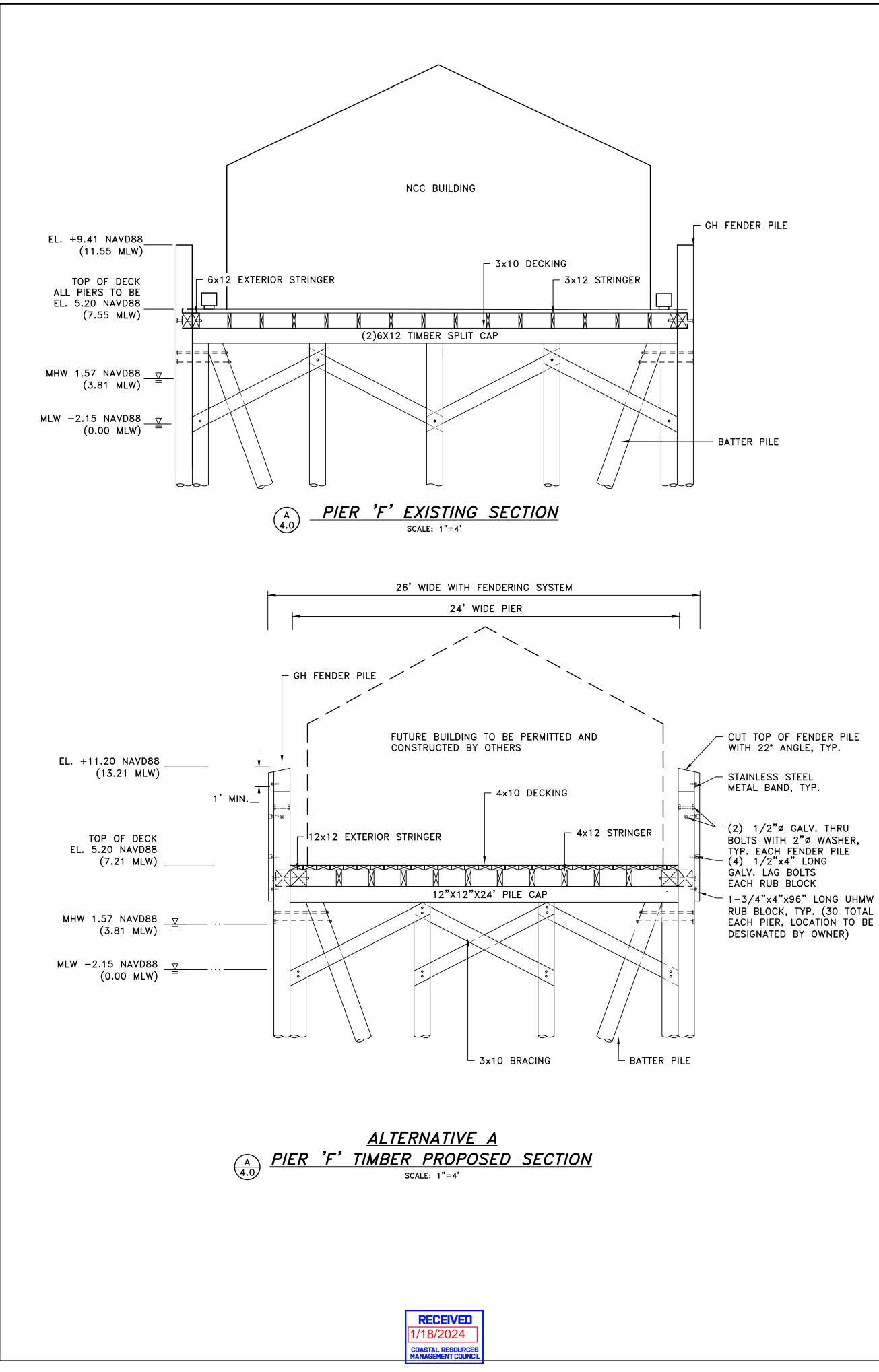
RECEIVED 1/18/2024 COASTAL RESOURCES

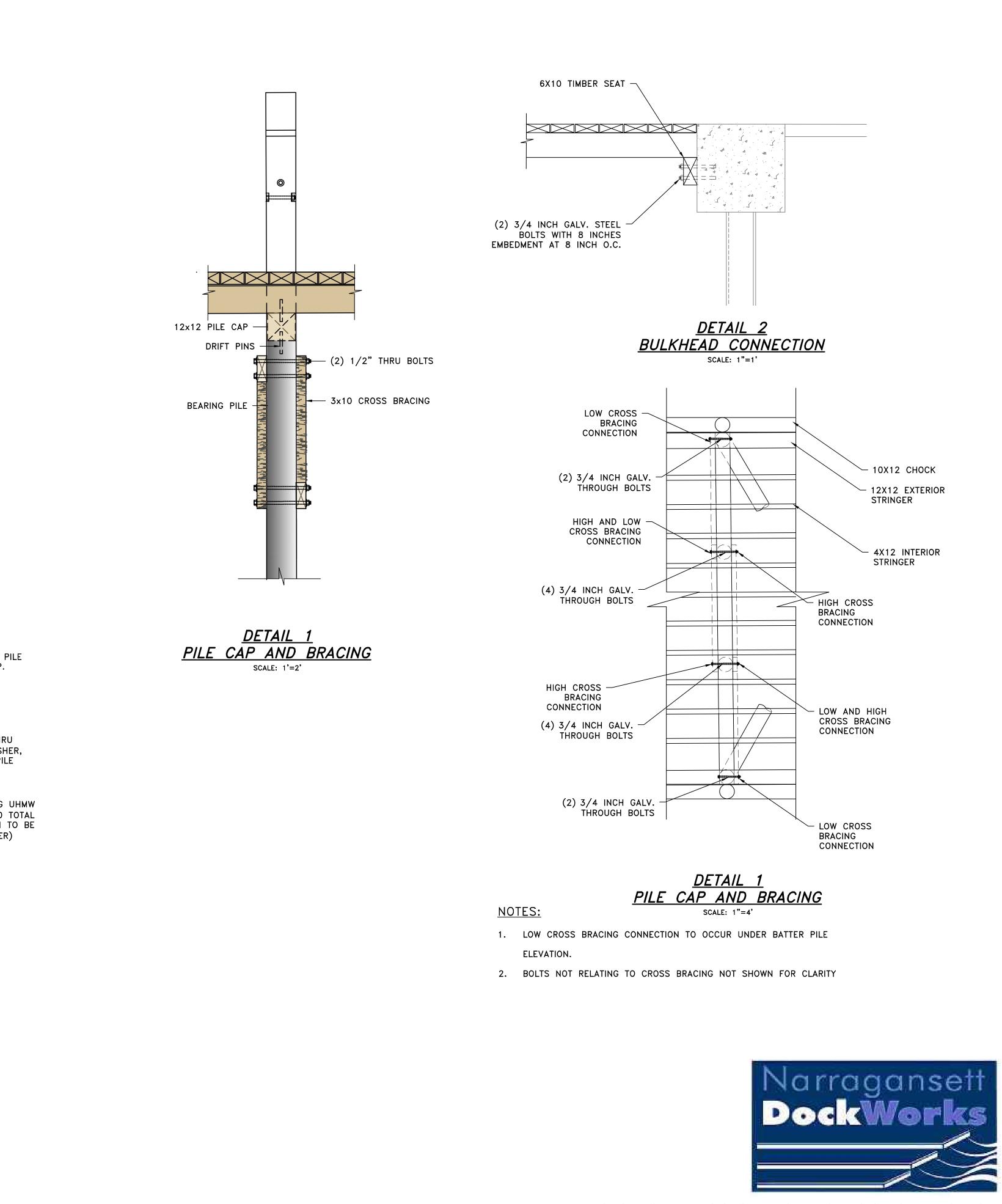
# A PIER 'F' PROPOSED SECTION VIEW



Narragansett DockWorks

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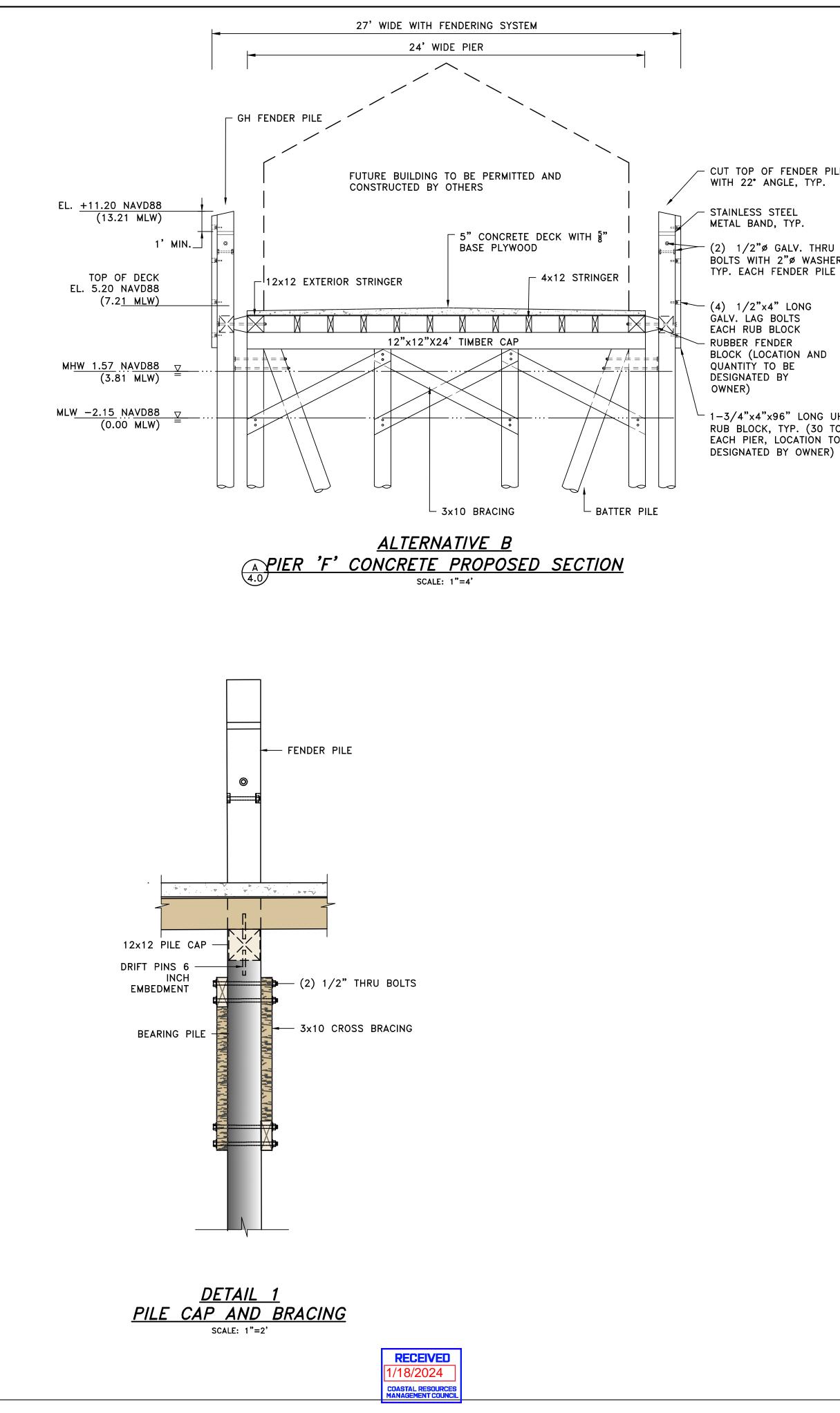
シング  $\langle \hat{} \rangle$ SCALE ADJUSTMENT GUIDE BAR IS ONE INCH ON ORIGINAL DRAWING. NARRAGANSETT, RHODE ISLAND AND DEPARTMENT OF ENVIRONMENTAL MANAGEMEN E PHASE III ND <u>'AL</u> REMOV ШД PIER ISL RHODE TODD D. TURCOTTE No. 7627 HOPE 16 REGISTERED PROFESSIONAL ENGINEER (CIVIL) **REVISIONS** A 08/16/2023 ISSUED FOR 60% REVIEW B 12/12/2023 ISSUED FOR PERMIT 23153.00 PROJECT NO .: JANUARY 2023 DATE: SCALE: AS NOTED DESIGNED BY: JPN TDT CHECKED BY: DRAWN BY: JPN APPROVED BY: TDT PIER 'F' DETAILS SHEET NO .: 4.2

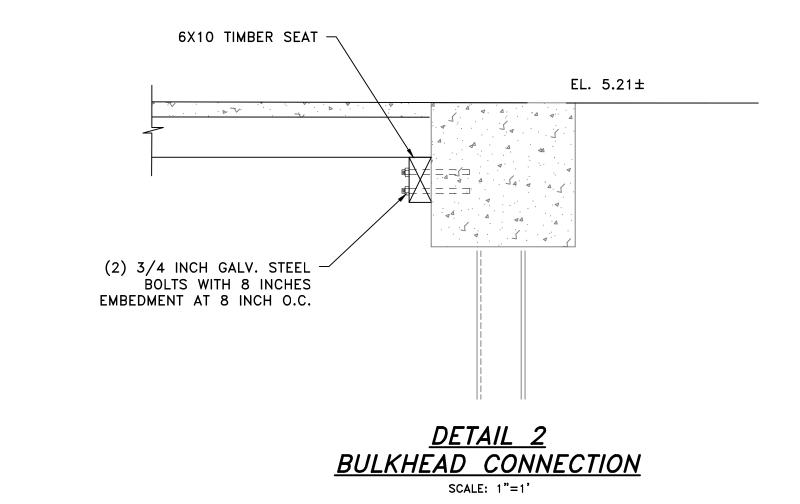
PARE

PARE CORPORATION ENGINEERS - SCIENTISTS - PLANNERS 10 LINCOLN ROAD, SUITE 210 FOXBORO, MA 02035

508-543-1755  $D \blacksquare E \blacksquare M$ 

PERMIT DESIGN SUBMISSION NOT FOR CONSTRUCTIO





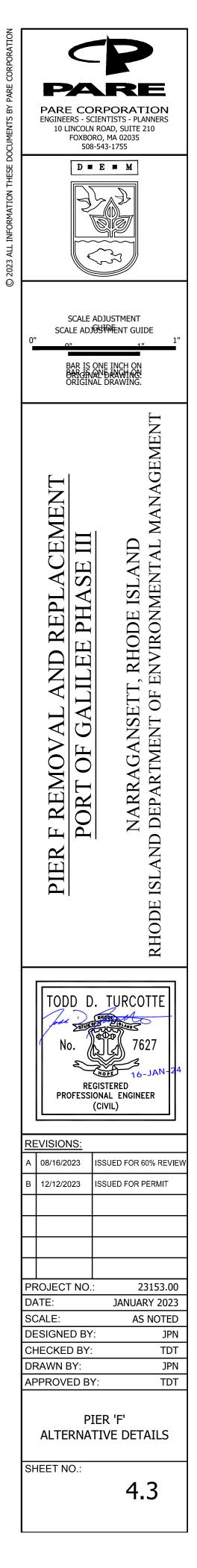
- CUT TOP OF FENDER PILE WITH 22° ANGLE, TYP.

METAL BAND, TYP.

BOLTS WITH 2"ø WASHER, TYP. EACH FENDER PILE

- (4) 1/2"x4" LONG GALV. LAG BOLTS EACH RUB BLOCK RUBBER FENDER BLOCK (LOCATION AND QUANTITY TO BE

1-3/4"x4"x96" LONG UHMW RUB BLOCK, TYP. (30 TOTAL EACH PIER, LOCATION TO BE DESIGNATED BY OWNER)





PERMIT DESIGN SUBMISSION NOT FOR CONSTRUCT