



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: 1993-07-077 Date: November 23, 2021

This office has under consideration the application of:

Alexander Petrucci  
220 Knowlesway Extension  
Narragansett, RI 02882

for a State of Rhode Island Assent to construct and maintain: To modify an existing permitted residential boating facility by replacing the existing aluminum ramp and float with a 4' x 63' fixed timber pier', 3' x 24' aluminum ramp and 5' x 30' (150sf) terminal float. The facility is proposed to extend 75' seaward of the cited MLW mark requiring a 25' length variance to 650-RICR-20-00-01 Section 1.3.1(D)(11)(I).

Project Location:	220 Knowlesway Extension
City/Town:	Narragansett
Plat/Lot:	R-1 / 2
Waterway:	Pt Judith Pond (Bluff Hill Cove), Type 2, Low Intensity Use

Plans of the proposed work may be seen at the CRMC office in Wakefield.

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 December 23, 2021.



**TIMBER NOTES:**

- ALL JOISTS, THREADS, AND POSTS SHALL BE PRESSURE TREATED SOUTHERN YELLOW PINE NO. 2 DENSE OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES:  $F_b=1500$  PSI (SINGLE USE),  $F_b=1750$  PSI (REPETITIVE)  $F_v=95$  PSI,  $E=1,700,000$  PSI
- SEE NAILING SCHEDULE, APPENDIX C, RI STATE BUILDING CODE. FOR NAILING NOT SPECIFICALLY CALLED OUT ON THE DRAWINGS USE GALVANIZED COMMON NAILS
- SPIKE TOGETHER ALL FRAMING MEMBERS WHICH ARE BUILT UP USING MULTIPLE 2x LUMBER.
- ALL JOISTS, THREADS, POSTS, AND RAILS SHALL BE PRESERVED WITH CHROMATED COPPER ARSENATE (CCA) MEETING THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) 1994 STANDARDS. THE PRESSURE TREATED MEMBERS SHALL CONTAIN 2.5 PCF MINIMUM OF CCA.

**TIMBER PILING NOTES:**

- ROUND TIMBER PILING SHALL BE NEW LONGLEAF, SHORT LEAF LOBLOLLY OR SLASH SPECIES OF SOUTHERN PINE OR NEW COASTAL SPECIES OF PACIFIC COAST DOUGLAS FIR, SUPPLIED TO THE SITE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM D 25, LATEST REVISION.
- SIZES SHALL BE FURNISHED IN ACCORDANCE WITH ASTM D 25, LATEST REVISION. TABLE 1(A) AND (B), SIZE 3 FT. FROM HEAD.
- ALL PILES SHALL BE OF SOUND TIMBER SUITABLE FOR DRIVING. CUT ABOVE THE GROUND SWELL, FREE FROM DECAY, UNSOUND KNOTS, IN GROUPS OR CLUSTERS, WINDSHAKES AND SHORT OR REVERSED BENDS. THE MAXIMUM DIAMETER OF ANY SOUND KNOT SHALL BE ONE-THIRD THE DIAMETER OF THE PILE SECTION WHERE THE KNOT OCCURS, BUT NOT MORE THAN FOUR INCHES IN THE LOWER HALF OF PILE LENGTH NO MORE THAN FIVE INCHES OTHERWISE. ALL KNOTS SHALL BE TRIMMED FLUSH WITH THE BODY OF THE PILE AND ENDS SHALL BE SQUARED WITH THE AXIS. ALL PILES SHALL BE THOROUGHLY PEELD.

- TIMBER PILING SHALL BE PRESSURE-TREATED IN ACCORDANCE WITH WITH AWPA C1,C3 AND C18 WHERE C18 GOVERNS (2.5 CCA PCF)
- TIMBER PILING SHALL HAVE A MINIMUM OF 1200 PSI ALLOWABLE COMPRESSIVE DESIGN STRENGTH IN ACCORDANCE WITH THE PROCEDURES OF ASTM D 2899, LATEST REVISION, AND BE CAPABLE OF WITHSTANDING DRIVING STRESSES OF 3000 PSI.
- CUTOFFS AT HEAD WILL BE TREATED IN THE FIELD IN ACCORDANCE WITH AWPA M-4.
- CUT OFF HEAD OF PILES TO ELEVATIONS INDICATED. PILE HEAD CUT OFFS SHALL BE DISPOSED OFF THE SITE BY THE CONTRACTOR.
- IF SITE-SPECIFIC CONDITIONS WARRANT, STEEL BOOTS OR ARROW PILE TIPS PER ASTM A 569 STEEL SHALL BE REQUIRED, USING 3/16, 1/4, OR 7/16 INCH THICK COMMERCIAL GRADE STEEL
- THE TOPS OF INDIVIDUAL PILES AT CUTOFF ELEVATION SHALL BE WITHIN 3 INCHES OF PLAN LOCATIONS.
- IF ANY OBSTRUCTIONS TO PILE DRIVING ARE ENCOUNTERED, THE CONTRACTOR SHALL PULL THE PARTIALLY DRIVEN PILE OR PILES AND REMOVE THE OBSTRUCTION BY MECHANICAL EQUIPMENT. PRE- EXCAVATION BY SPUDDING, JETTING, AUGURING OR ROTARY DRILLING IS PERMITTED WHEN PILES ARE DRIVEN THROUGH DENSE SOIL MATERIAL OR WHEN OBSTRUCTIONS ARE ENCOUNTERED.

**CONCRETE NOTES:**

- CONCRETE SHALL HAVE A 3000 P.S.I. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS.

**NOTES:**

**HOOP PILE HOLDER**

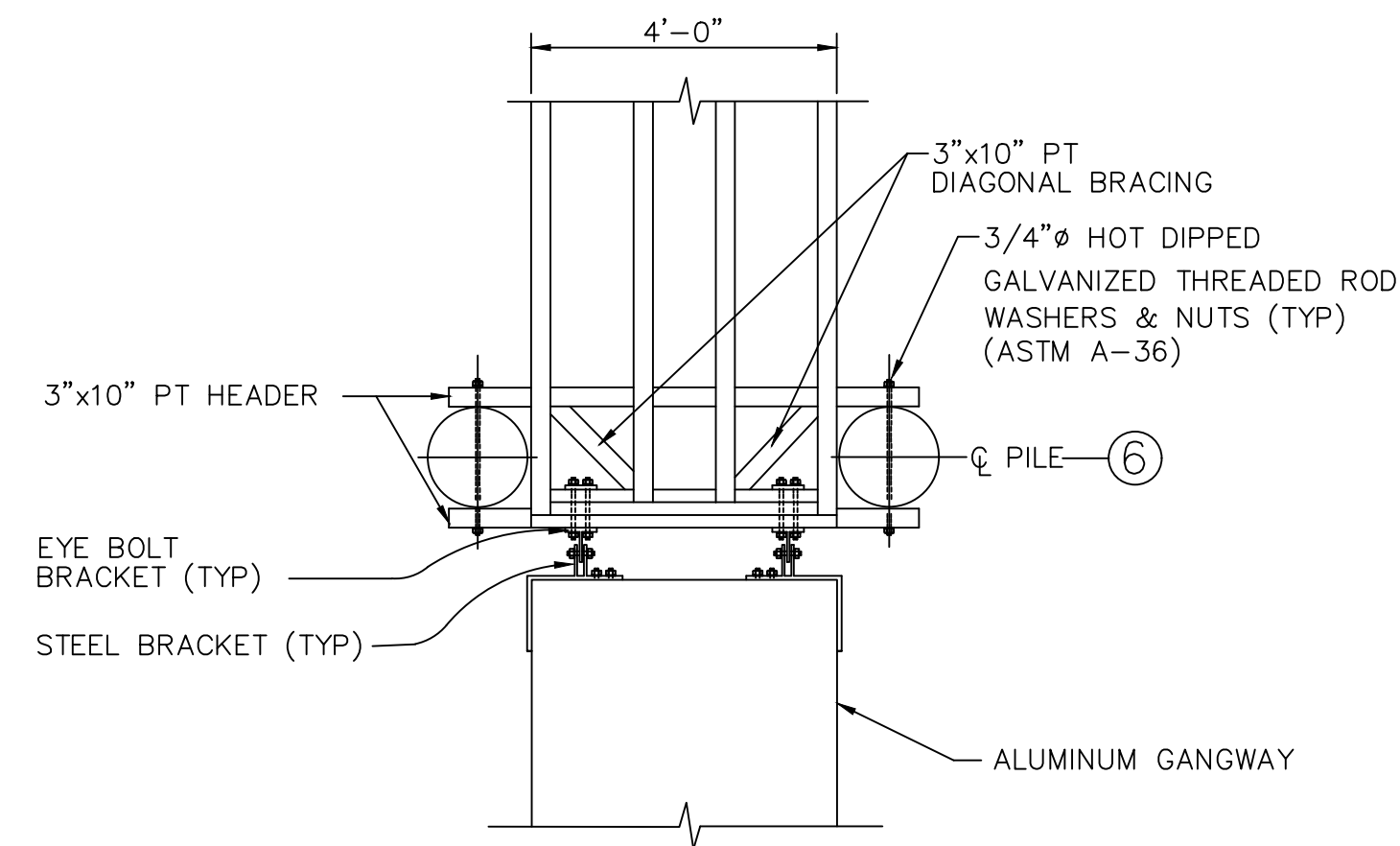
MOUNTING FRAME SHALL BE MADE FROM 1/4" MILD STEEL AND HOOP MADE FROM 1 1/2" SCHEDULE .40 STEEL PIPE. ALL MATERIALS ARE TO BE HOT-DIPPED GALVANIZED AFTER ALL WELDING AND FABRICATION IS COMPLETE. MOUNTING FRAMES SHALL USE 1/2" GALVANIZED CARRIAGE BOLTS FOR ATTACHMENT TO THE DOCK. HOOPS ARE TO BE ATTACHED TO THE MOUNTING BRACKET WITH 1/4" STAINLESS STEEL HEX HEAD BOLTS AND NYLOCK NUTS. THE ROLLER IS TO BE FABRICATED OF RUBBER. THE HOOP PILE HOLDER SHALL BE FOLLANSBEE SERIES PH-H OR EQUAL.

**FLOAT DRUMS**

THE FLOAT DRUMS SHALL HAVE A HIGH DENSITY POLYSTHLENE (HDPE) SHELL FILLED WITH HIGH QUALITY EXPANDED POLYSTYRENE (EPS). EACH DRUM SHALL HAVE A 3" MOUNTING FLANGE MOLDED AROUND THE ENTIRE PERIMETER. A MINIMUM OF EIGHT (8) 3/8" LAG BOLTS WITH FLAT WASHERS SHALL BE USED TO ATTACH THE DRUMS TO THE DOCKS FRAMING. ALL FLOAT DRUMS SHALL MEET STATE AND FEDERAL REQUIREMENTS FOR POSITIVE FLOTATION AND SHALL BE COAST GUARD APPROVED. THE FLOAT DRUMS SHALL BE FOLLANSBEE SERIES THREE FLOAT DRUM OR EQUAL.

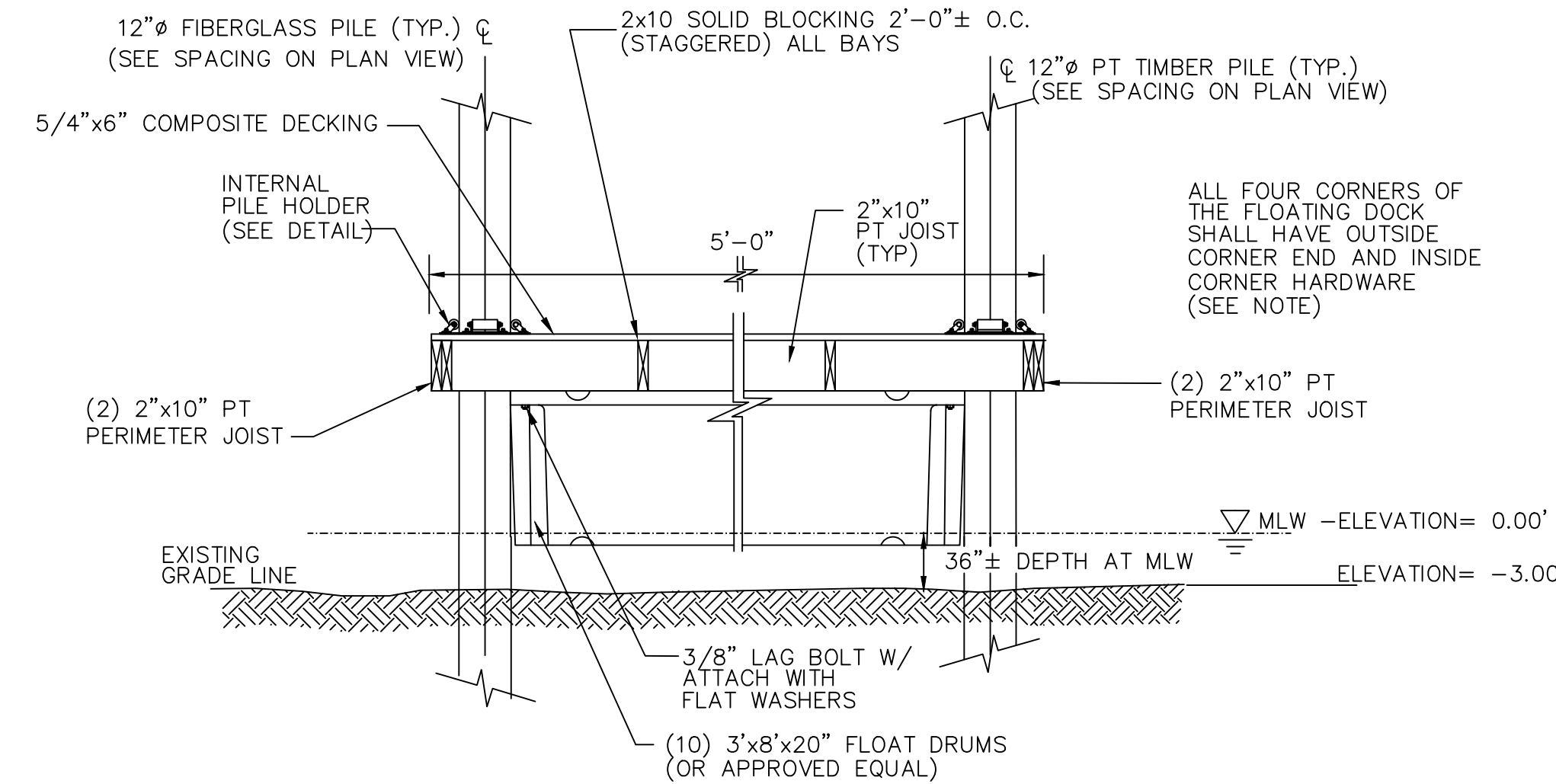
**FLOATING DOCK HARDWARE**

ALL FOUR OUTSIDE CORNERS SHALL HAVE OUTSIDE CORNER ENDS AND INSIDE CORNER HARDWARE. ALL HARDWARE SHALL BE HOT-DIPPED GALVANIZED 1/4" HIGH STRENGTH CARBON STEEL. ALL HARDWARE SHALL BE ATTACHED USING 3/4" GALVANIZED BOLTS WITH NYLON LOCK NUTS.

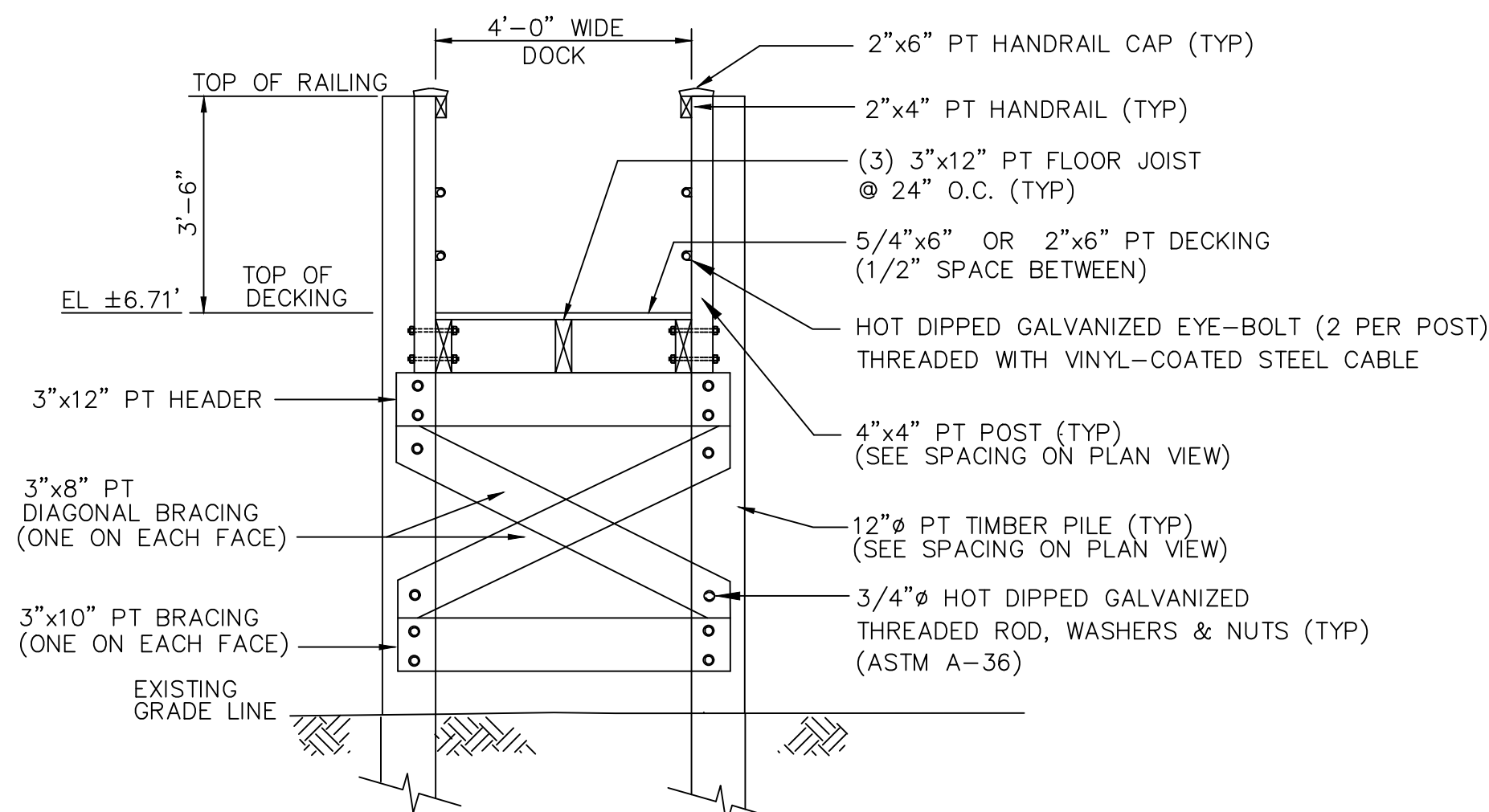


**DETAIL C-PLAN VIEW**

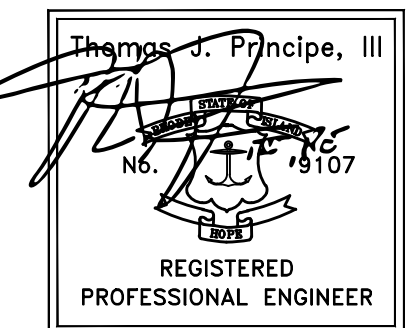
**NOTE:**  
DECKING OMITTED FOR CLARITY



**SECTION B-B**



**SECTION A-A**  
SCALE: 1/2"=1'-0"



**OWNER/APPLICANT**  
ALEX PETRUCCI


**PRINCIPE COMPANY, INC.**  
ENGINEERING DIVISION  
ESTABLISHED IN 1961

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WWW.PRINCIPEBUILDERSRI.COM

**NEW DOCK PLANS**  
for  
**AP R-1 LOT 2**  
**220 KNOWLESWAY EXTENSION**  
in  
NARRGANSETT, RHODE ISLAND

11/24/2020 REV. 9/28/21	2 OF 2
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