



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: 2025-02-075 Date: July 16, 2025

This office has under consideration the application of:

**Gregory & Renata Hayes**  
**458 Poppasquash Road**  
**Bristol, RI 02809**

for a State of Rhode Island Assent to construct and maintain: a fixed timber residential boating facility 120.87 feet in length with a width of 4 feet. The proposed facility shall include a 3'x25' aluminum ramp, a 200 SF float with 4 ea of DE50 electric float lift winches (5,000lb capacity), and four boat lift piles supporting 4 ea of 12,500 Magnum boat lift hardware. Dock shall extend 50 feet beyond MLW.

Project Location:	458 Poppasquash Road
City/Town:	Bristol
Plat/Lot:	Plat 173, lot 59
Waterway:	Upper Narragansett Bay

Plans of the proposed work can be requested at [Cstaff1@crmc.ri.gov](mailto: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 **August 16, 2025**.

Please email your comments/hearing requests to: [cstaff1@crmc.ri.gov](mailto: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



GENERAL SPECIFICATIONS:

IN THE EVENT THAT ANY PILE PENETRATION CANNOT BE ATTAINED THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER. FOR ANY LOCATION WHERE PILE DEPTH CAN NOT BE ACHIEVED THE CONTRACTOR SHALL RECORD THOSE LOCATIONS AND SUBMIT RECORDS TO THE DESIGN ENGINEER.

ALL FIXED PIER WOOD PILING SHALL BE 14" DIAMETER CLASS "A" SOUTHERN PINE WITH A MINIMUM TIP DIAMETER OF 10". MINIMUM PILE DIAMETER AT MUDLINE SHALL BE 12" (12-13' FROM TOP OF PILE). PRESSURE TREATMENT SHALL BE 2.5 LB/CF CCA. PILES SHALL BE DRIVEN TO DEPTHS AS INDICATED ON THE PLAN. PILES MAY BE DRIVEN USING A VIBRATORY HAMMER AS LONG AS THE MINIMUM PILE PENETRATION CAN BE ATTAINED.

FLOAT PILES SHALL BE 12" GREENHEART PILES WITH A MINIMUM TIP DIAMETER OF 8". MINIMUM PILE DIAMETER AT MUDLINE SHALL BE 10" (12-13' FROM TOP OF PILE) TO PREVENT SPLITTING AT TOP OF PILES PROVIDE MINIMUM 2 STAINLESS STEEL BANDS (HOSE CLAMPS) WITH WORM GEAR AND ADJUST TO TIGHTEN AT TOP OF EACH PILE.

IF LEDGE IS ENCOUNTERED AT ANY PILE LOCATION. DRILL SOCKETS AND INSTALL PILE(S) IN ACCORDANCE WITH DETAIL. (SEE SHEET DK-2)

ALL OTHER STRUCTURAL MEMBERS SHALL BE SOUTHERN PINE OR EQUIVALENT. MINIMUM TREATMENT FOR CROSS BRACING SHALL BE 2.5 LB/CF CCA. DIAGONAL BRACING SHALL NOT BE CUT BELOW THE MHW LINE. ALL CUTTING OF SUCH MEMBERS SHALL BE DONE ON THE END ABOVE MHW. FOR ALL OTHER MEMBERS (STRINGERS, HEADERS, WOOD DECKING AND ANY POST OR RAILS) TREATMENT SHALL BE 0.6 LB/CF CCA.

ALL METAL CONNECTION MATERIALS SHALL BE HOT DIPPED GALVANIZED. BOLTS SHALL BE A MINIMUM OF 36KSI STEEL. ALL BOLTED CONNECTIONS FOR HEADERS AND BRACING MEMBERS SHALL BE LOCATED A MINIMUM OF 4" FROM THE END OF THE MEMBER, AND 2" FROM THE EDGE OF THE MEMBER. MEMBERS THAT ARE SPLIT OR CRACKED IN THE AREA OF THE BOLT LOCATION SHALL NOT BE USED. FOR ALL 1" BOLTS PROVIDE 2" WASHERS BOTH SIDES.

DECKING FOR FIXED DOCK MAY BE ¾"x6" COMPOSITE OR 2X6 WOOD MEMBERS. FASTENERS FOR DECKING SHALL BE 2½" GALVANIZED STEEL SCREWS TWO AT EACH ATTACHMENT LOCATIONS.

FLOATING DOCK SHALL BE OF WOOD CONSTRUCTION AND HAVE APPROXIMATELY 18" FREEBOARD AND 6" DRAFT. DECKING SHALL BE ¾"x6" COMPOSITE. FLOATING DOCKS SHALL HAVE HEAVY DUTY INSIDE AND OUTSIDE CORNER HARDWARE AT EACH CORNER LOCATION (FOLLANSBEE WD-E AND WD-IN OR EQUAL) AND THROUGH BOLT AS REQUIRED. ANGLE CLIPS (FOLLANSBEE RWD-A OR EQUAL) SHALL BE PROVIDED FOR INTERIOR STRUCTURAL MEMBERS AS INDICATED. CLIPS SHALL BE FASTENED USING 2"x3/8" GALVANIZED LAG BOLTS INTO EACH CONNECTING MEMBER.

FLOAT DRUMS SHALL BE FOAM FILLED POLYETHYLENE WITH UV INHIBITORS AND SHALL HAVE STRUCTURAL MOUNTING FLANGES. DESIGN IS BASED ON FLOAT DRUMS AS MANUFACTURED BY "CUSTOM FLOATS." ANY PROPOSED SUBSTITUTES SHALL BE APPROVED BY THE DESIGN ENGINEER.

SECURE FLOAT DRUMS AT ALL EDGES IN CONTACT WITH STRUCTURAL MEMBERS. FOLLOW MANUFACTURES SPECIFICATIONS. ¾" LAG BOLTS WITH 1½" WASHERS AND 1" PENETRATON INTO STRUCTURAL MEMBER SHALL BE A REQUIRED MINIMUM. WHERE TWO DRUMS MEET ON THE SAME STRUCTURAL MEMBER, USE ONE FASTENER FOR EACH DRUM.

PILE HOLDERS FOR FLOATING DOCK PILES SHALL BE HEAVY DUTY GALVANIZED CHAIN TYPE FOR USE WITH 12" PILING (FOLLANSBEE PH-C OR EQUAL) AND THROUGH BOLTS AS REQUIRED. PLACEMENT OF ALL PILES SHALL BE SO AS TO ALLOW FLOAT TO BE TIED OFF FROM PILING SUCH THAT NO CONTACT WITH PILING OCCURS.

SECURE PILE HOLDERS TO FLOATING DOCK WITH 4-½" THROUGH BOLTS (IN HORIZONTAL DIRECTION) AND 4-¾" LAG BOLTS (VERTICAL DIRECTION). USE 3"x10" SPLICE BLOCK BEHIND OUTSIDE MEMBER TO PROVIDE ADEQUATE WIDTH FOR FASTENING. USE METAL BACKER PLATES FOR ½" THROUGH BOLTS.

CLEATS SHALL BE PROVIDED FOR FLOATING DOCK, TWO ON EACH SIDE 1' FROM EACH END. CLEAT SIZE SHALL BE 10" (FOLLANSBEE C-10-M OR EQUAL) AND SHALL BE FASTENED TO WOOD MEMBERS USING CLEAT ANGLES.

A VINYL BUMPER STRIP SHALL BE PROVIDED ALONG THE OUTBOARD SIDE OF THE FLOATING DOCK. BUMPER STRIP SHALL BE AS MANUFACTURED BY "FOLLANSBEE" MODEL VRR-2 OR EQUAL.

RAMP SHALL BE ALUMINUM AND CONSTRUCTION SHALL BE BY MANUFACTURER REGULARLY ENGAGED IN THE TRADE. RAMP SHALL BE CONNECTED TO FIXED PORTION OF DOCK AS RECOMMENDED BY MANUFACTURER. ROLLER ASSEMBLY AT FLOATING DOCK SHALL BE 2" DIAMETER BY 6" WIDE SMALL ROLLER TYPE. INSTALL PLASTIC OR METAL SHEET TO DECK, FOR ROLLERS.

UTILITY SPECIFICATIONS:

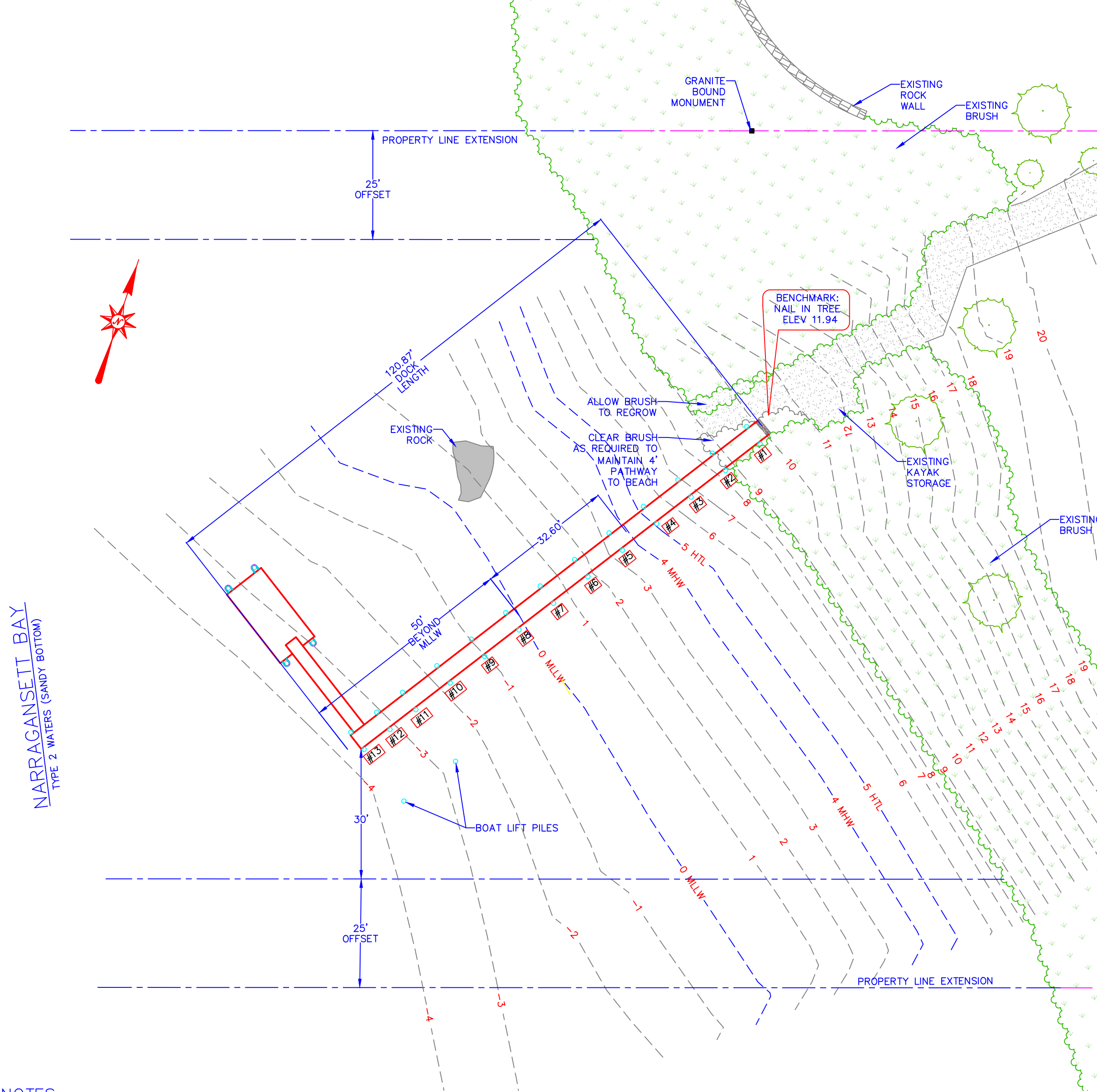
ALL UTILITY WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS IN THEIR RESPECTIVE TRADES. ALL WORK SHALL MEET REQUIREMENTS OF THE CURRENT STATE BUILDING CODES.

ELECTRICAL WIRE SHALL BE SIZED BY THE ELECTRICAL CONTRACTOR. WIRE SHALL BE ENCASED IN PVC CONDUIT SUITABLE FOR MARINE APPLICATION. INSTALL EXTERIOR-TYPE, MARINE GRADE, DOUBLE RECEPTACLE AT END OF PIER AS INDICATED.

WATER LINE SHALL BE ¾" POLYETHYLENE TUBING AS MANUFACTURED BY "AQUAPEX" OR EQUAL. INSTALL SUITABLE BACKFLOW PREVENTER AT EITHER EXISTING DWELLING OR PIER HEAD AS REQUIRED BY CODE. PROVIDE DRAIN AT PIER HEAD TO ALLOW REMOVAL OF WATER FROM THE LINE DURING THE WINTER MONTHS. INSTALL SPIGOT AT END OF PIER AS INDICATED.

ELECTRIC/WATER UTILITY LINES SHALL BE CONNECTED AT EXISTING DWELLING. LINES SHALL BE BURIED A MINIMUM DEPTH OF 12" ACROSS EXISTING LAWN AREA. UTILITIES SHALL BE SECURED TO UNDERSIDE OF PIER AS INDICATED, WITH GALVANIZED METAL FASTENERS EVERY 5' ON CENTER.

LOW VOLTAGE LIGHTING SHALL BE PROVIDED ALONG THE DOCK AS INDICATED. LIGHTING TYPE TO BE PROPOSED BY CONTRACTOR. INCLUDE LOW VOLTAGE WIRING IN ELECTRICAL CONDUIT OR SEPERATE CONDUIT AS REQUIRED BY CODE.



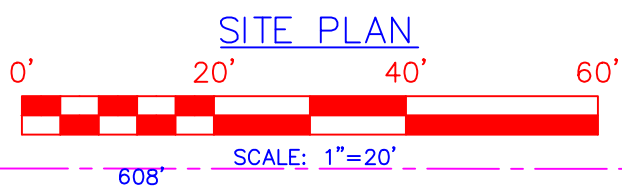
NOTES:  
ALL MOORINGS FOUND WITHIN 50' OF END OF PROPOSED DOCK HAVE BEEN SHOWN ON PLAN

DATUM:  
REFERENCE DATUM IS MEAN LOWER LOW WATER

NOTE:  
THIS SITE IS IN A LONG FETCH AREA. DOCK SPECIFICATIONS AND DETAILS MUST BE STRICTLY ADHERED TO. CONTACT DESIGNER WITH ANY QUESTIONS. UPON COMPLETION OF CONSTRUCTION, DESIGNER IS REQUIRED TO INSPECT AND CERTIFY STRUCTURE.

NOTES:  
PROJECT LOCATION IS  
LAT 41.653920  
LONG -71.301570  
  
TOTAL NUMBER OF PILING IN TIDAL WATERS FOR THIS PROJECT = 26  
IMPACT AREA AT MUDLINE = 0.785sf/PILE X 26 PILES = 20.41sf  
(AREA =  $\pi r^2$  WITH  $r = \frac{1}{2}(12')$  for 12" DIAMETER AT MUDLINE  
  
PRIOR TO CONSTRUCTION RESET BENCHMARK TO ANOTHER LOCATION  
  
IN ORDER TO ASSURE DOCK IS PROPERLY LOCATED DOCK LAYOUT MUST BE DONE BY A SURVEYOR. LAYOUT OF PILE BENTS #1-3 SHOULD BE SUFFICIENT FOR PROPER LOCATION OF THE DOCK.

PLAT 173  
LOT 58  
WILLIAM S. VOLPE ET UX  
466 POPPASQUASH RD  
BRISTOL, RI 02809

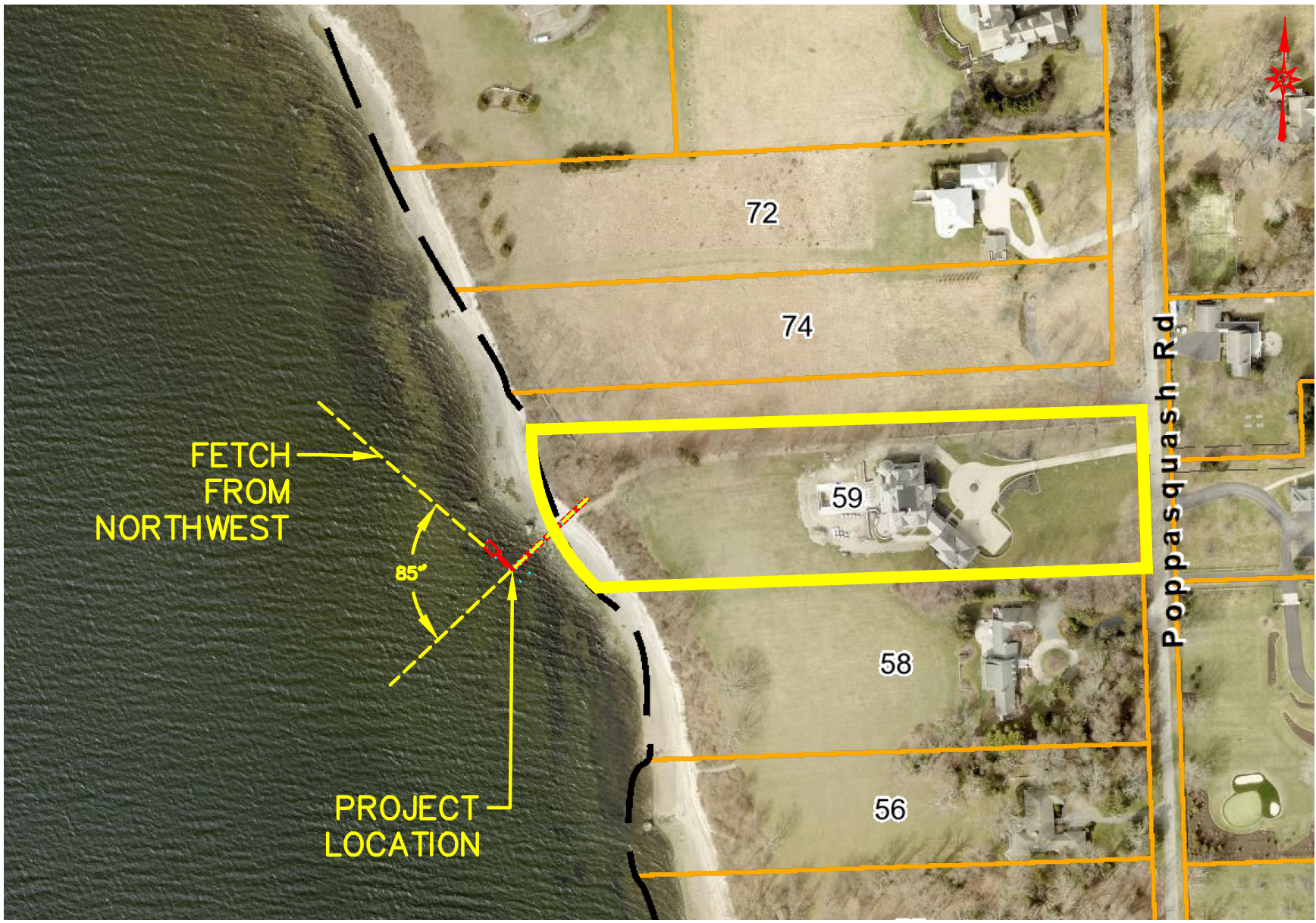
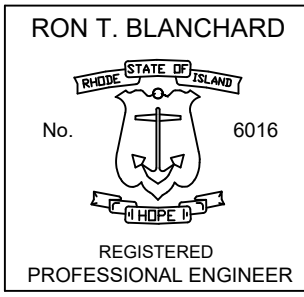


LEGEND

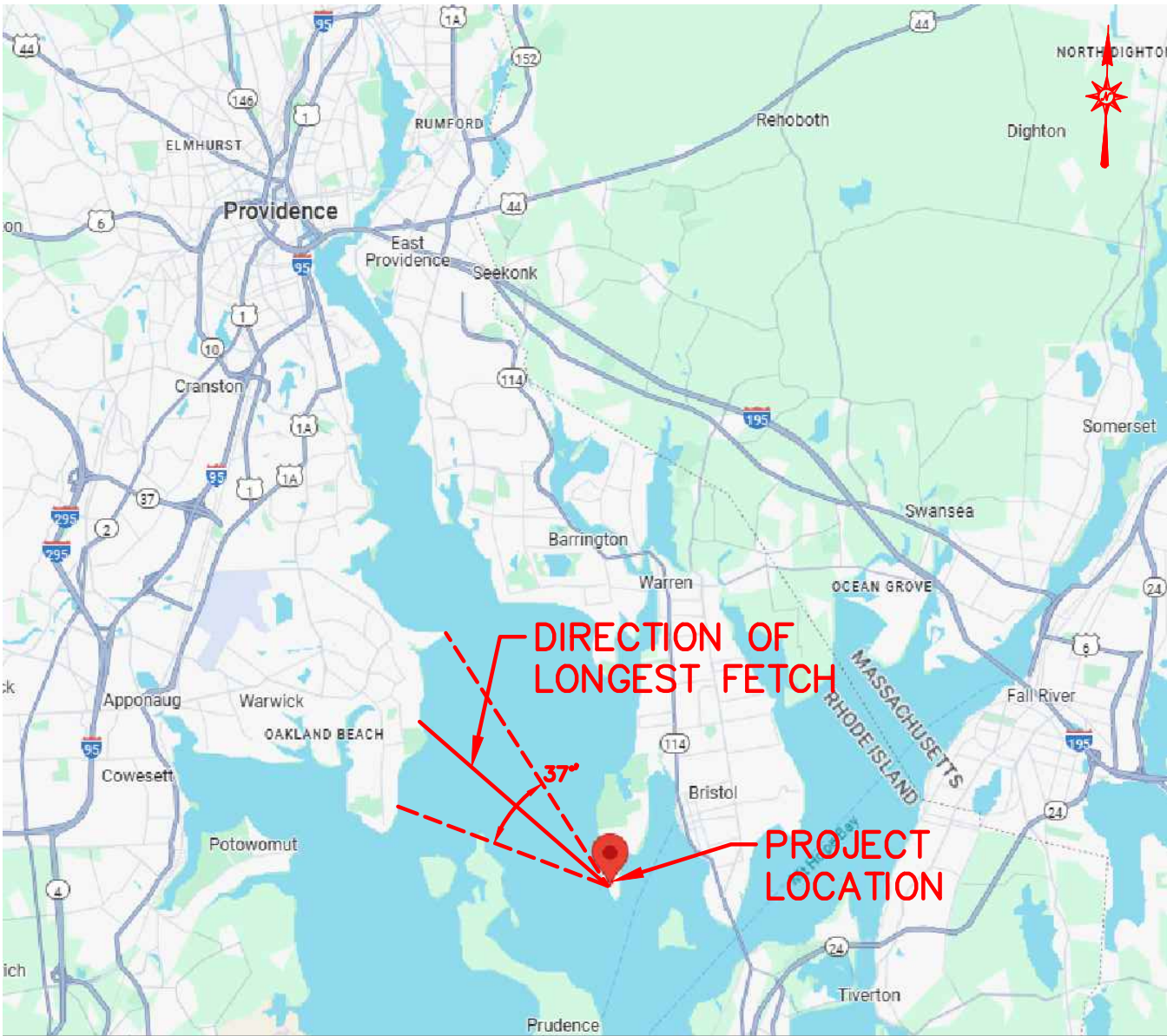
- PROPERTY LINE
- PROPERTY LINE EXTENSION
- PROPERTY LINE EXTENSION OFFSET
- EXISTING CONTOUR
- 5' MLLW
- MLW (MEAN LOWER LOW WATER)
- MHW (MEAN HIGH WATER)
- PROPOSED WATER ELECTRICAL SERVICE
- EXISTING FENCE

REFERENCE PLAN:  
GIS

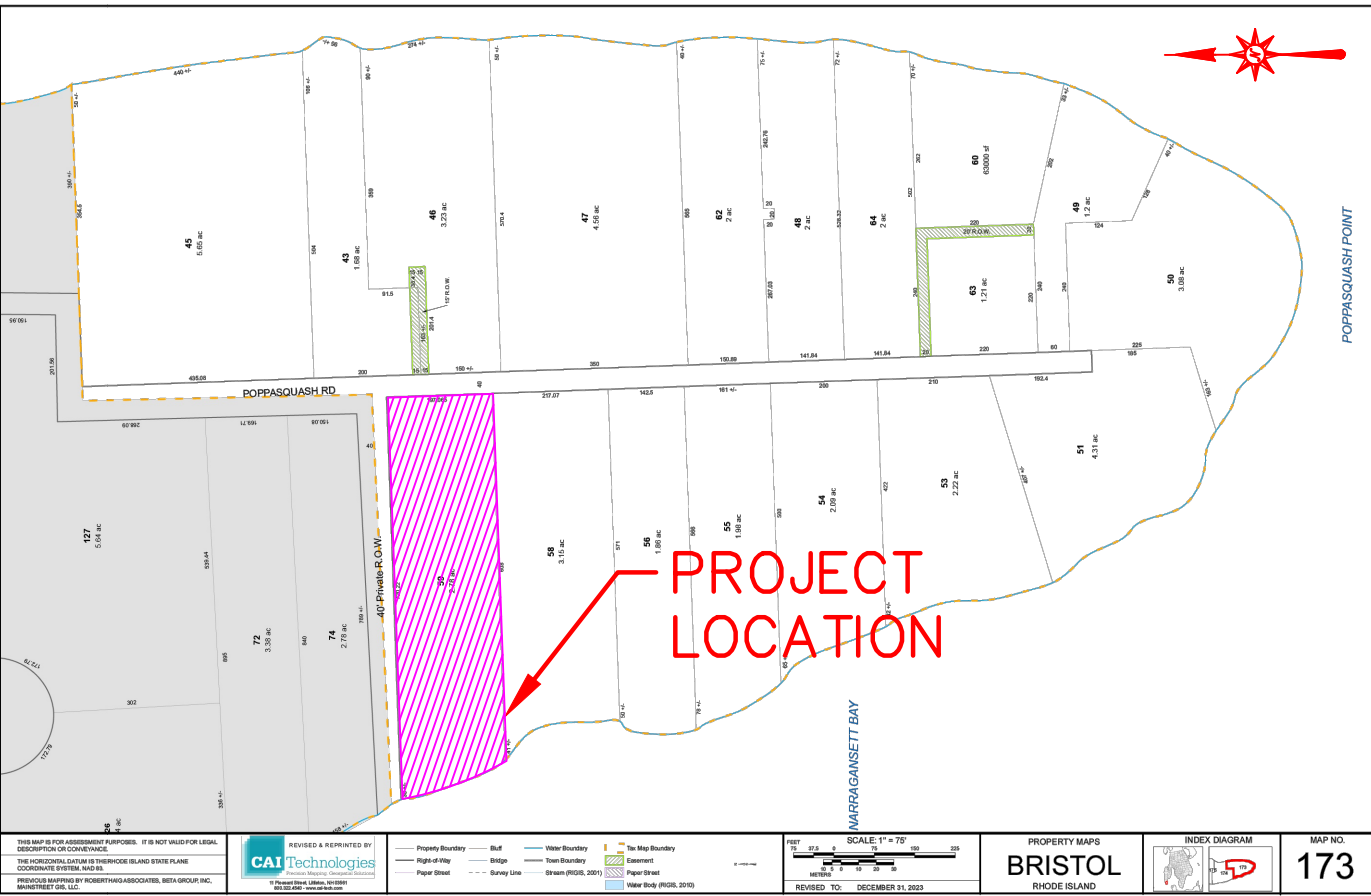
OWNER INFO:  
GREGORY J. HAYES &  
RENATA P. HAYES TE  
217 DEERCLIFF RD  
AVON, CT 06001  
ghayes@TX.com



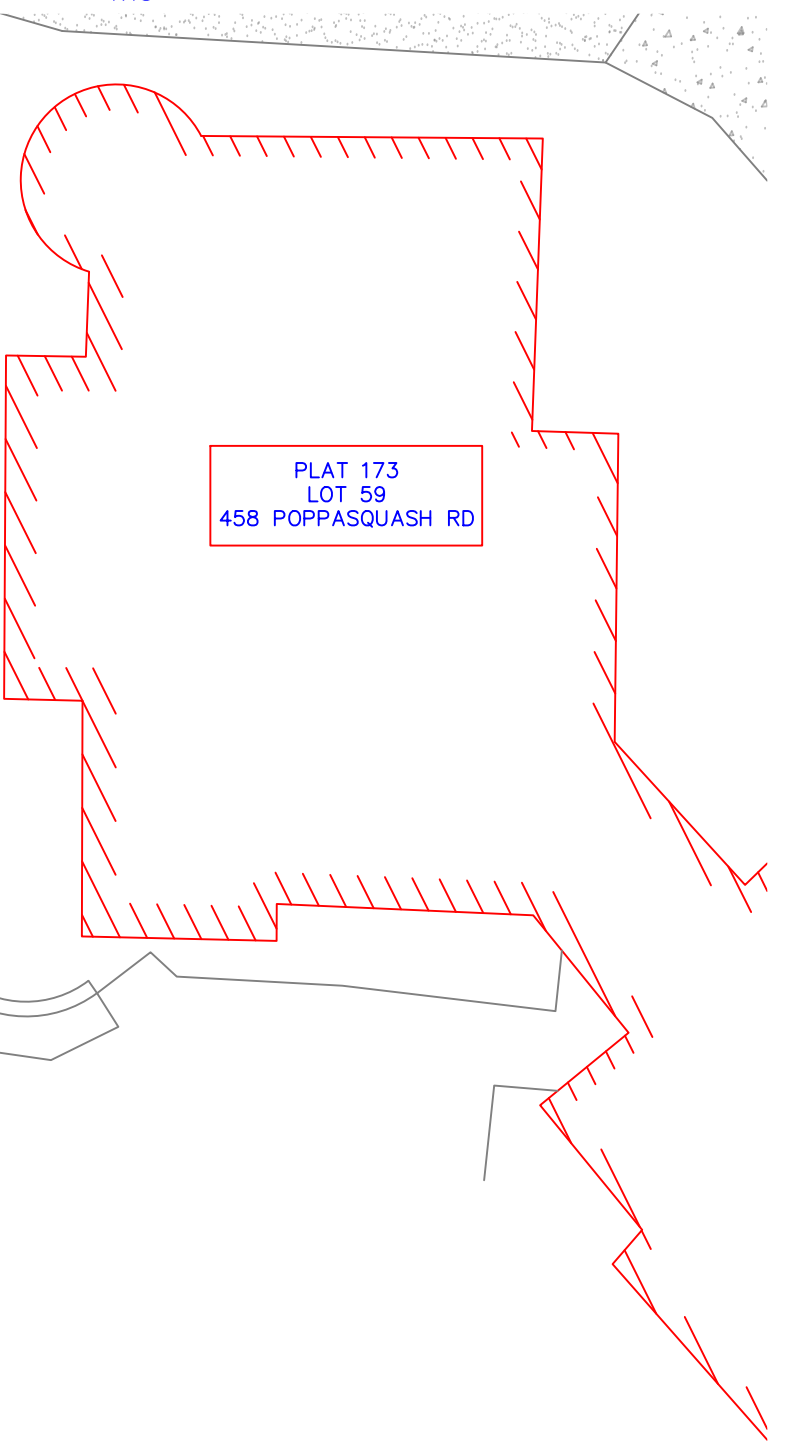
AERIAL PHOTO  
NTS



LOCUS PLAN  
NTS



BRISTOL, RI PLAT MAP #173  
NTS



DISCLAIMER:  
THIS SITE PLAN IS THE RESULT OF A LIMITED TOPOGRAPHIC SURVEY BY SEI. LOT LINES ARE ESTIMATED PER APPLICABLE REFERENCE PLAN(S). THIS PLAN DOES NOT REPRESENT A BOUNDARY (CLASS I) SURVEY, WHICH CAN ONLY BE DONE BY A LICENSED LAND SURVEYOR.

SITE ENGINEERING INC. SEI



CIVIL • COASTAL • STRUCTURAL  
75 WOOD STREET  
BRISTOL, RI 02809  
PHONE: (401) 203-8231

SITE PLAN AND SPECIFICATIONS

RESIDENTIAL BOATING FACILITY

PLAT 173, LOT 59

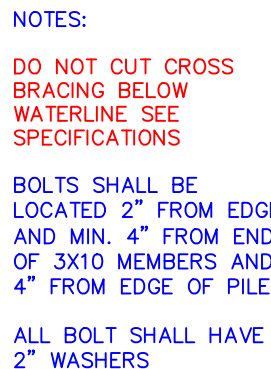
458 POPPASQUASH RD

BRISTOL, RHODE ISLAND

SCALE: AS NOTED  
(SHEET 1 OF 3)

DK-1





NOTES:

FOR CROSS BRACING USE 14' MEMBER, CUT IN HALF.  
LEAVE ENDS SQUARE AND PLACE PT END BELOW WATER LINE.

DECKING FOR DOCK MUST NOT OVERHANG STRINGERS  
MAX WIDTH OF DOCK IS 4'

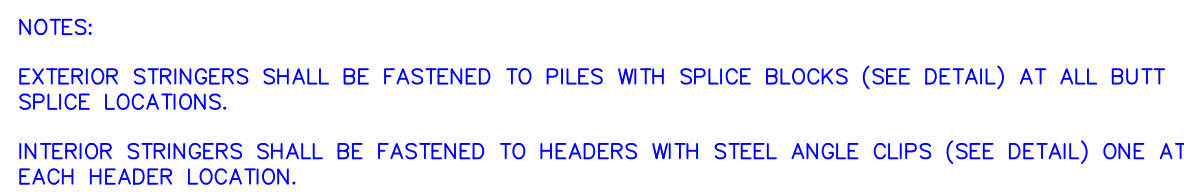
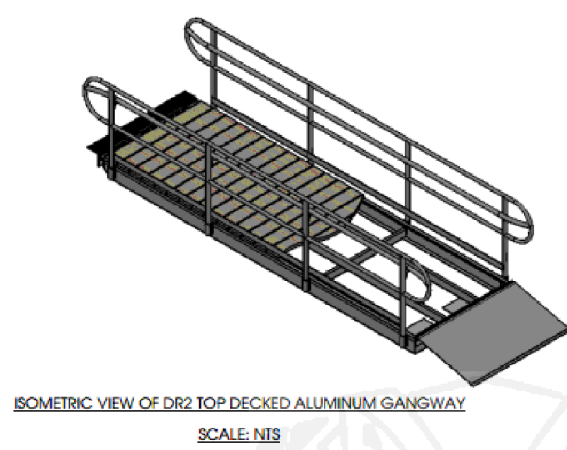
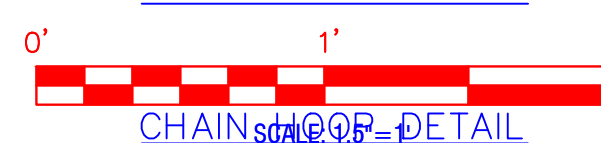
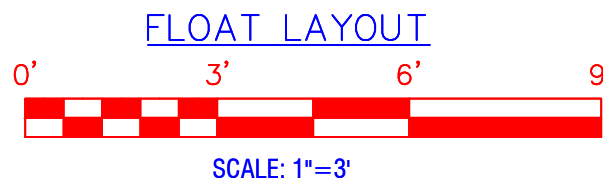


Diagram illustrating the typical 3x10 stringer w/ splice block (behind) connection. The diagram shows a cross-section of the stringer and the splice block. Key dimensions and components are labeled:

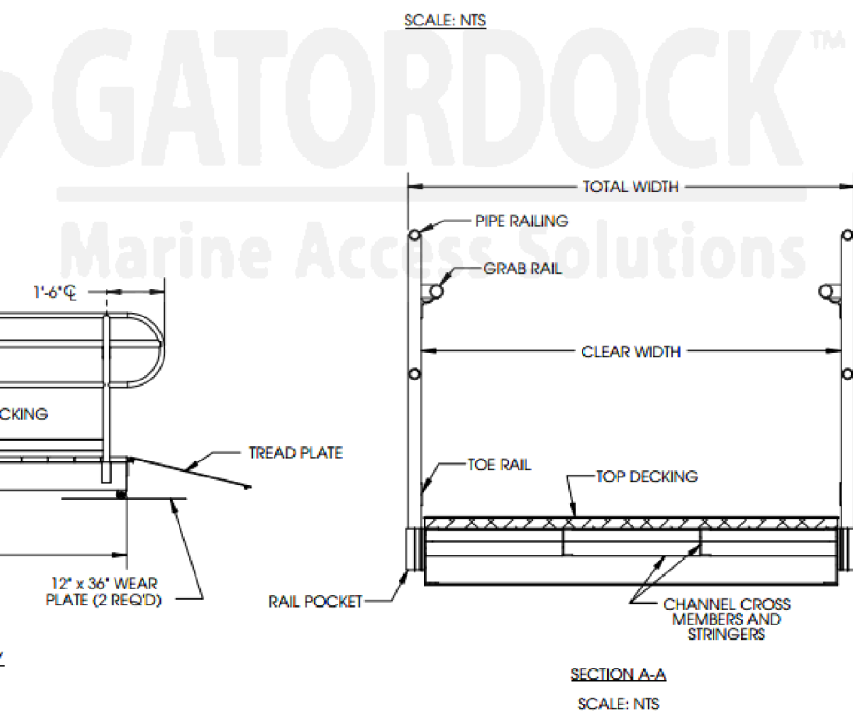
- THROUGH BOLTS W/ WASHERS (TYPICAL)**: Indicated by a blue line pointing to the bolts passing through the stringer and splice block.
- TYPICAL 3X10 STRINGER W/ SPLICE BLOCK (BEHIND)**: The main structural member being detailed.
- 2"**: Dimension indicating the thickness of the splice block.
- 24"**: Dimension indicating the length of the splice block.
- SINGLE 1" THROUGH BOLT W/ WASHERS**: Indicated by a blue line pointing to the bolt passing through the stringer.
- 12" PILE**: Indicated by a blue line pointing to the vertical pile supporting the stringer.

Diagram illustrating a typical stringer connection. The diagram shows a cross-section of a stringer (red outline) connected to a header (green outline) using a lag bolt (blue line) and washers (green circles). The connection is labeled "TYPICAL LAG BOLT W/ WASHERS". Dimensions are indicated: 2" for the lag bolt diameter, 5" for the stringer width, and 2" for the header width. The connection is labeled "BUTT ENDS" and "FOR BOLT". A note on the right states: "NOTES: ANGLES L=3' ANGLES".

NOTE:  
ANGLE C  
L-3X3X  
ANGLE.  
LAG BOL  
HEADER.

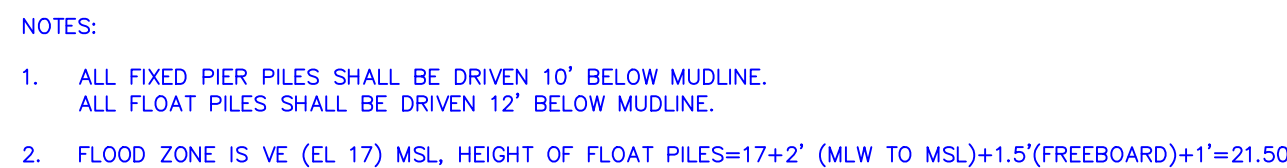


CHAIN HOOP DETAIL SCALE: 1.5"=1'



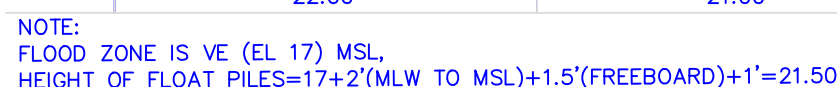
0' 10' 20' 30'

SCALE: 1"=10'



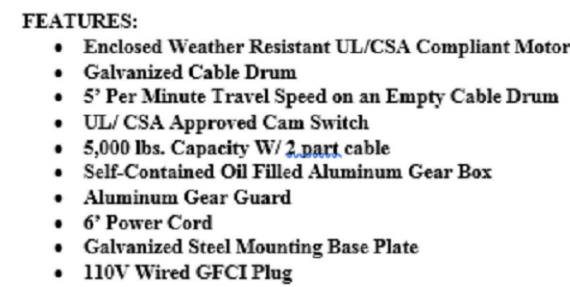
0' 10' 20' 30'

SCALE: 1"=10'



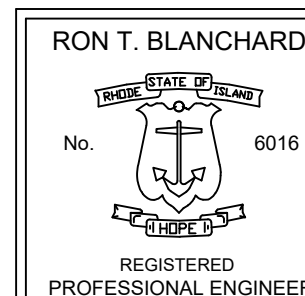
0' 10' 20' 30'

SCALE: 1"=10'



**OPTIONS:**

- Remote Controls
- Canvas Winch Cover
- 220v Wired GFCI Plug
- 40' of 3/4" Cable
- 60' of 3/16" Cable
- Swivel Hook
- Longer Power Cords
- Switch w/Extended Reach Cord



OWNER INFO:  
GREGORY J. HAYES &  
RENATA P. HAYES TE  
217 DEERCLIFF RD  
AVON, CT 06001

DSGN.	RB
DR.	MCB
CHK.	RB
DATE: 12/17/24	

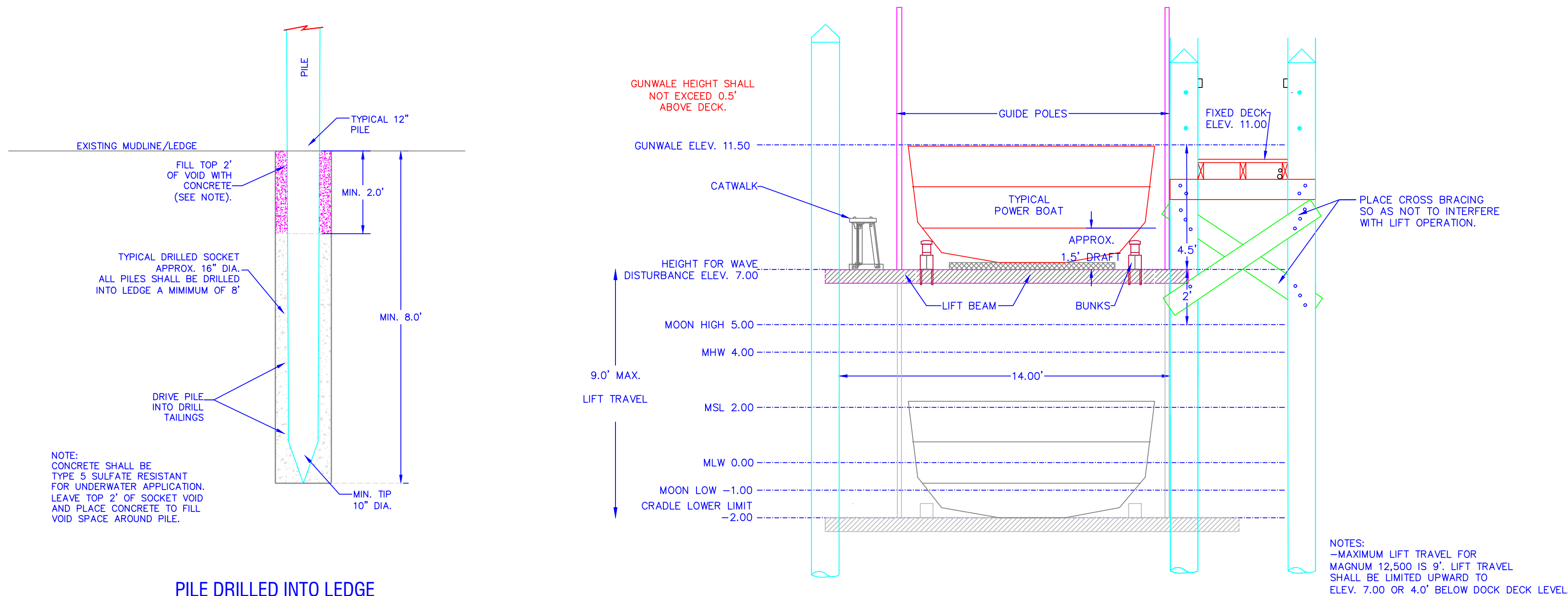
RECEIVED  
2/20/2025  
COASTAL RESOURCE  
MANAGEMENT COUNCIL

DOCK PROFILE & DETAILS  
RESIDENTIAL BOATING FACILITY  
PLAT 173, LOT 59  
458 POPPASQUASH RD  
RHODE ISLAND, BRISTOL,

SCALE: AS NOTED  
(SHEET 1 OF 2)

DK-

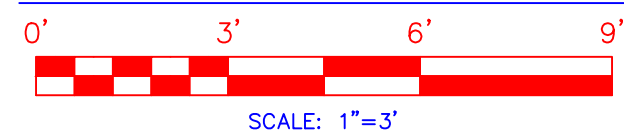




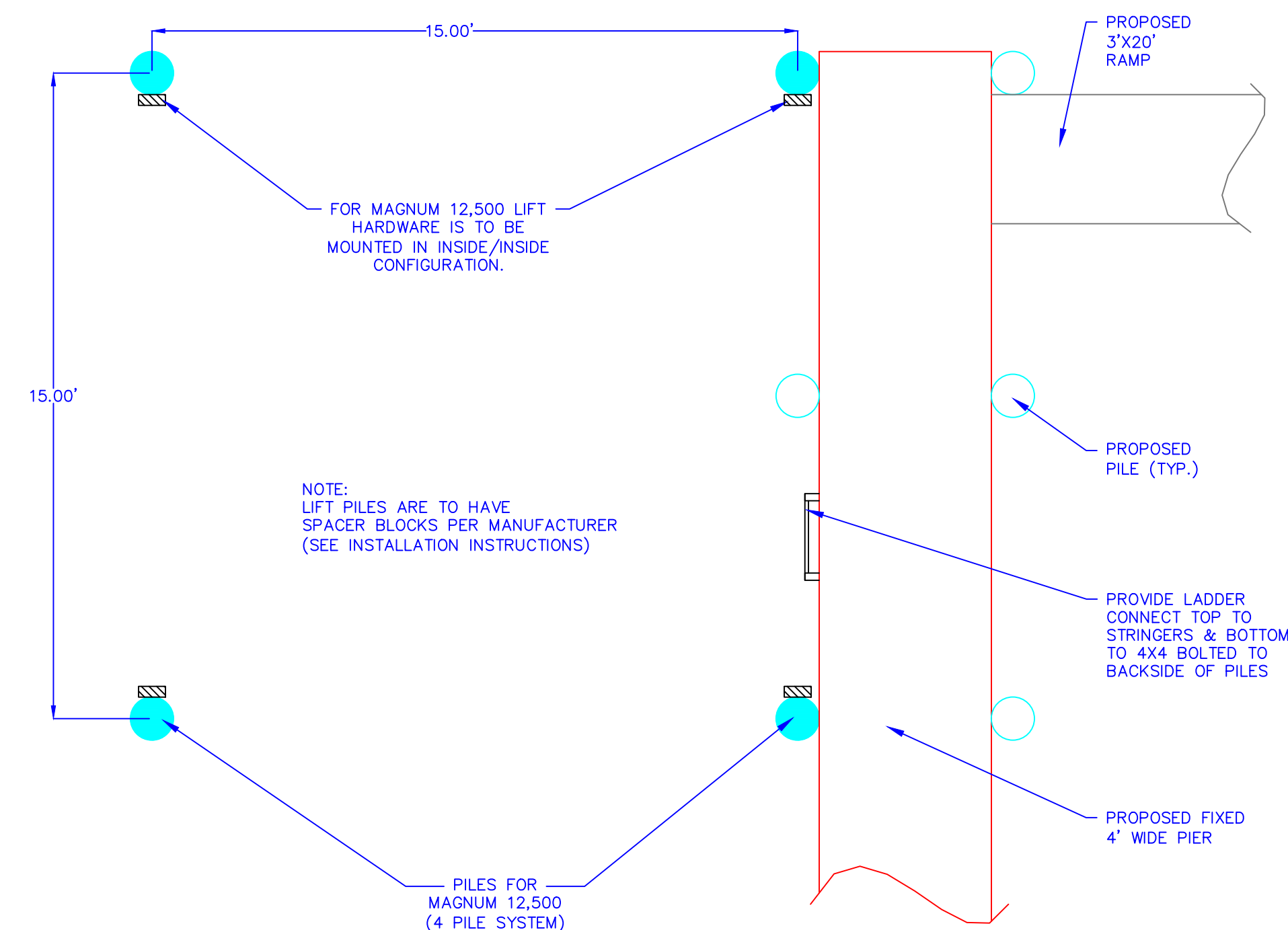
PILE DRILLED INTO LEDGE  
NOT TO SCALE

IF LEDGE IS ENCOUNTERED  
PILES SHALL BE INSTALLED  
IN ACCORDANCE WITH THIS  
DETAIL.

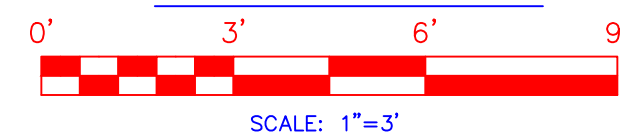
TYPICAL 4 PILE BOAT LIFT SECTION



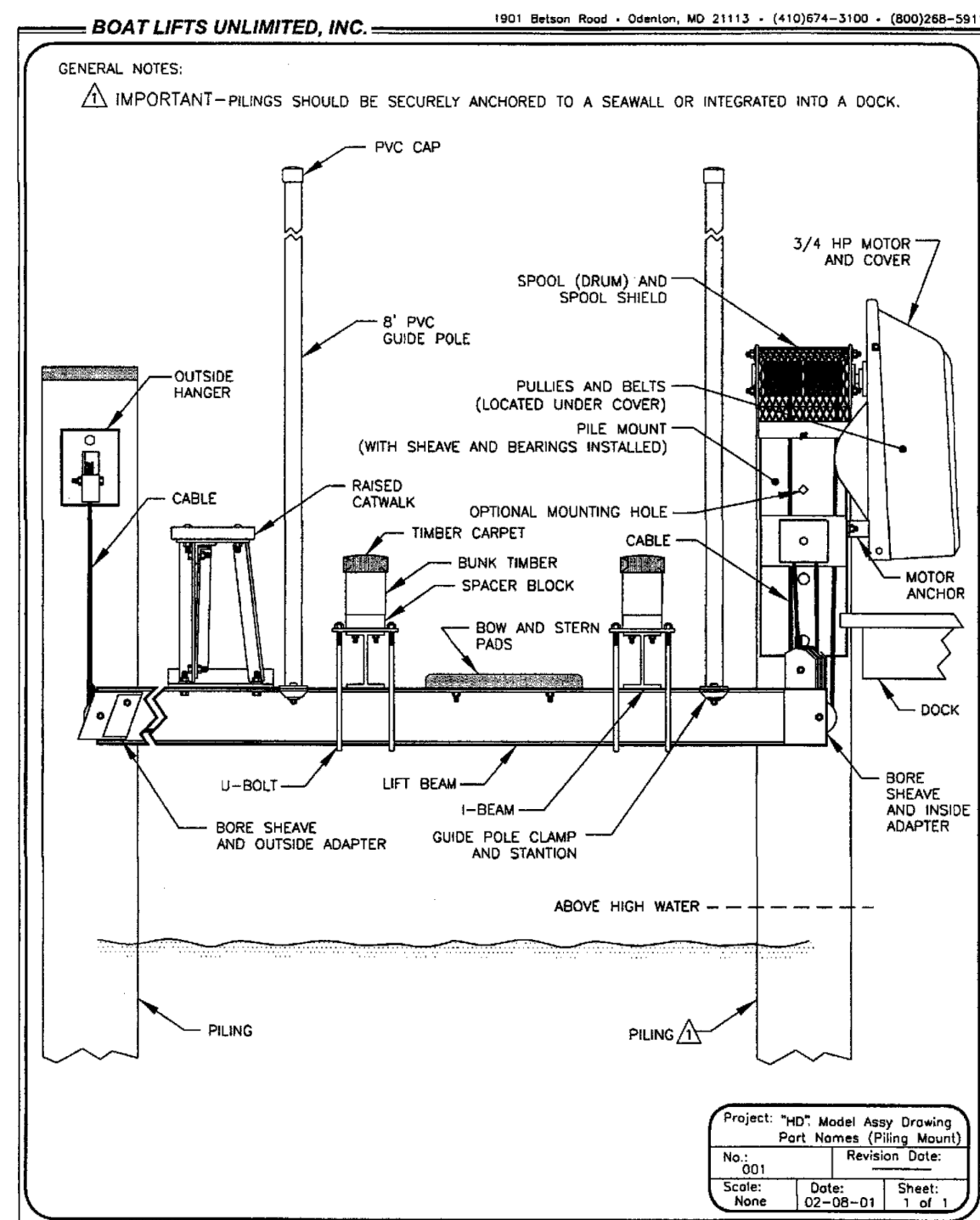
NOTES:  
-MAXIMUM LIFT TRAVEL FOR  
MAGNUM 12,500 IS 9'. LIFT TRAVEL  
SHALL BE LIMITED UPWARD TO  
ELEV. 7.00 OR 4.0' BELOW DOCK DECK LEVEL.



BOAT LIFT PLAN VIEW



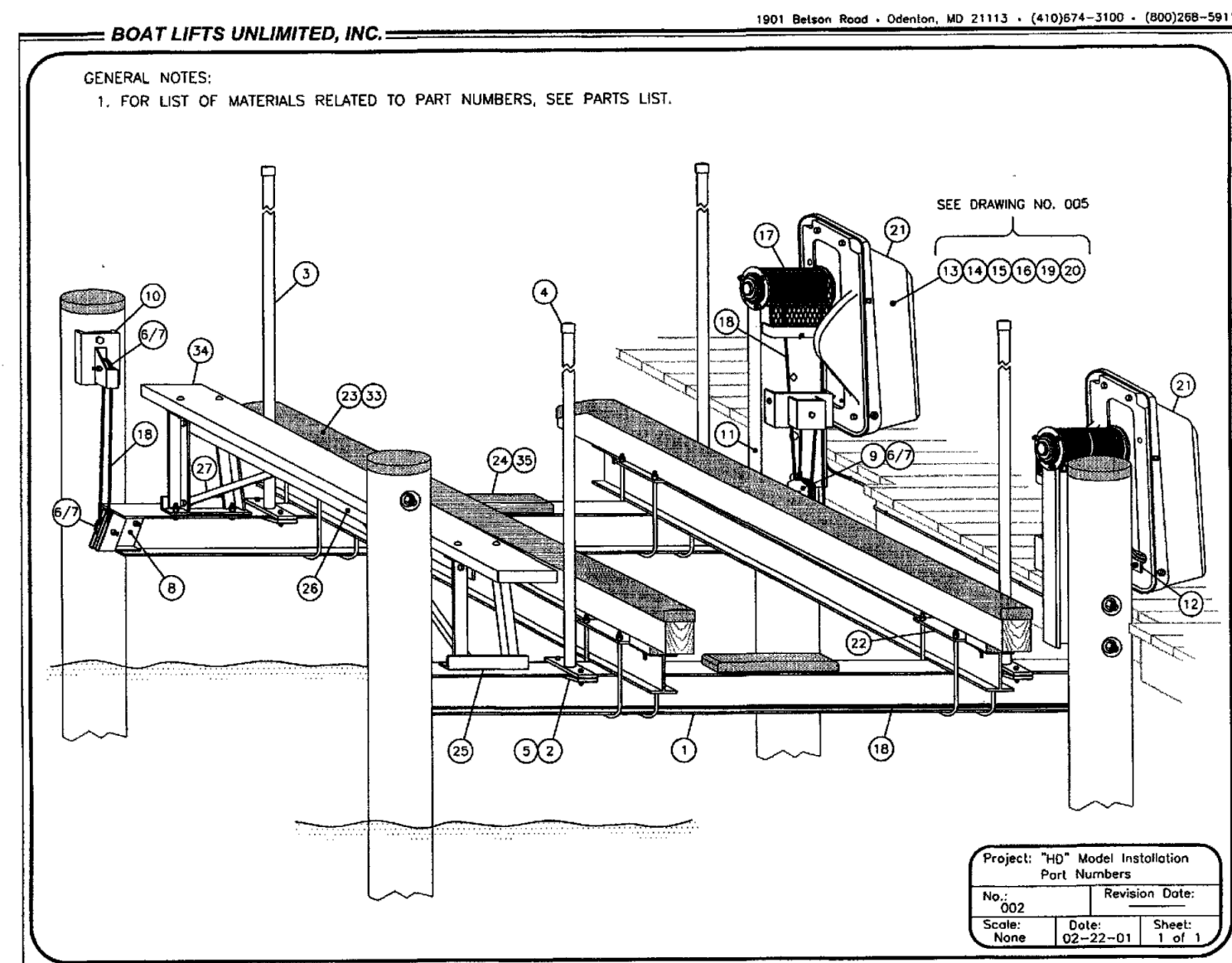
NOTE:  
ALL PILES FOR BOAT  
LIFT SYSTEMS SHALL  
BE DRIVEN TO REFUSAL  
REFER TO MANUFACTURER'S  
INSTRUCTIONS FOR COMPLETE  
INSTALLATION DETAILS.



MAGNUM 12,500 DETAIL

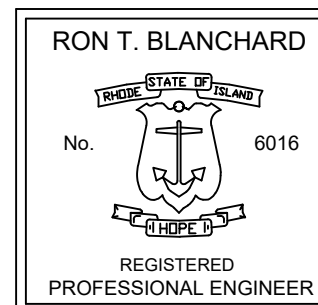
NOTE:  
BOAT LIFT:  
MAGNUM 12,500  
(12,500 LB. CAPACITIES)

MANUFACTURER IS:  
BOAT LIFTS UNLIMITED LTD  
1901 BETSON RD.  
ODENTON, MD 21113  
1-800-268-5911  
www.boatliftanddock.com



MAGNUM 12,500 DETAIL

OWNER INFO:  
GREGORY J. HAYES &  
RENATA P. HAYES TE  
217 DEERCLIFF RD  
AVON, CT 06001



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BOAT LIFT DETAILS  
RESIDENTIAL BOATING FACILITY  
PLAT 173, LOT 59

BRISTOL, 458 POPPASQUASH RD RHODE ISLAND,

SCALE: AS NOTED  
(SHEET 1 OF 2)

DK-3

DATE	DESCRIPTION	SYMBOL
1/17/25	MINOR REVISIONS	001
12/17/24	DATE	RB
12/17/24	CHK.	MCB
12/17/24	DR.	RB
12/17/24	DSGN.	RB

