



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: 2022-10-022 Date: October 24, 2022

This office has under consideration the application of:

Richard Rua
72 Viking Drive
Portsmouth, RI 02871

for a State of Rhode Island Assent to construct and maintain: Residential Boating Facility totaling 91.85' in length; consisting of a fixed pier to a ramp and float extending 75' beyond Mean Low Water (MLW), and falling within 25' of the property line extension to the north. This facility requires a Variance from "Red Book" (650-RICR-200-0-1) Section 1.3.1(D)(11)(I).

Project Location:	315 Riverside Street
City/Town:	Portsmouth
Plat/Lot:	15/44
Waterway:	BlueBell Cove

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 November 24, 2022.

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

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 WOOD PILING SHALL BE 12" DIAMETER SOUTHERN PINE WITH A MINIMUM TYP DIAMETER OF 6". MINIMUM PILE DIAMETER AT MAJOLINE SHALL BE 10". PRESURE TREATMENT SHALL BE 2.5 LB/CF OF 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.

ALL OTHER STRUCTURAL MEMBERS SHALL BE SOUTHERN PINE OR EQUIVALENT. MINIMUM TREATMENT FOR CROSS BRACING SHALL BE 2.5 LB/CF OF CCA. DIAGONAL BRACING SHALL NOT BE CUT BELOW THE MID LINE. ALL CUTTING OF SUCH MEMBERS SHALL BE DONE ON THE END ABOVE WATER FOR ALL OTHER MEMBERS (STRONGS, HEADERS, BOOM DECKING AND ANY POST OR RAIL) TREATMENT SHALL BE 0.5 LB/CF CCA.

ALL METAL CONNECTION MATERIALS SHALL BE HOT DIP GALVANIZED. BOLTS SHALL BE A MINIMUM OF 3005 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" WARMERS BOTH SIDES.

DECKING FOR FLOAT DOCK SHALL BE 5/8" COMPPOSITE. ALTERNATIVELY 2x8 MEMBERS CAN BE USED. FASTENERS FOR DECKING SHALL BE 2" STAINLESS STEEL SCREWS TWO AT EACH ATTACHMENT LOCATION.

FLOATING DOCK SHALL BE OF WOOD CONSTRUCTION AND HAVE APPROXIMATELY 1/4" FREEDOM AND 8" DRAFT. DECKING SHALL BE 5/8" COMPPOSITE. FLOATING DOCKS SHALL HAVE HEAVY DUTY BIRD AND OUTRIG CORNER HARDWARE AT EACH CORNER LOCATION (POLLANBEE RD-2 OR 10-2 OR EQUAL). ANGLE CLIPS (POLLANBEE RD-2-A OR EQUAL) SHALL BE PROVIDED FOR INTERIOR STRUCTURAL MEMBERS AS INDICATED. CLIPS SHALL BE FASTENED USING 3/8"x8" GALVANIZED LAG BOLTS INTO EACH CORNERING MEMBER.

FLOAT DRAINS SHALL BE FOAM FILLER POLYURETHANE WITH UV STABILIZERS AND SHALL HAVE STRUCTURAL MOUNTING FLANGES. DESIGN IS BASED ON FLOAT DRAINS AS MANUFACTURED BY "CUSTOM FLATS". ANY PROPOSED SUBSTITUTES SHALL BE APPROVED BY THE DESIGN ENGINEER.

SECURE FLOAT DRAINS AT ALL EDGES IN CONTACT WITH STRUCTURAL MEMBERS. FOLLOW MANUFACTURERS SPECIFICATIONS. 3/4" LAG BOLTS WITH 1 1/2" WARMERS AND 1" PENETRATOR INTO STRUCTURAL MEMBER SHALL BE A REQUIRED MINIMUM WHERE TWO DRAINS MEET ON THE SAME STRUCTURAL MEMBER. USE ONE FASTENER FOR EACH DRAIN.

PILE HOLDERS FOR FLOATING DOCK PILES SHALL BE HEAVY DUTY GALVANIZED, CHANNEL TYPE FOR USE WITH 1 1/2" PILING (POLLANBEE PH-0 OR EQUAL). PLACEMENT OF ALL PILES SHALL BE SO AS TO ALLOW FLOAT TO BE TIED OFF FROM PILING BACK THAT NO CONTACT WITH PILING OCCURS.

AS AN ALTERNATIVE, PILE HOLDERS FOR FLOATING DOCK MAY BE HEAVY DUTY GALVANIZED, SINGLE ROLLER TYPE FOR USE WITH 1 1/2" PILING (POLLANBEE PH-1H OR EQUAL). PLACEMENT OF ALL PILES SHALL BE SO AS TO ALLOW MOVEMENT OF THE FLOAT TO AVOID EXCESSIVE RUBBING OF HOOPS.

SECURE PILE HOLDERS TO FLOATING DOCK WITH 4-3/8" THROUGH BOLTS (IN HORIZONTAL DIRECTION) AND 4-3/8" LAG BOLTS (VERTICAL DIRECTION). USE 2"x3" BRACE BLOCK BENEATH OUTSIDE MEMBERS TO PROVIDE ADEQUATE WIDTH FOR FASTENERS. USE METAL BRIDGE PLATES FOR 3/4" THROUGH BOLTS.

GLEATS SHALL BE PROVIDED FOR FLOATING DOCK TWO ON EACH SIDE 1" FROM EACH END. GREAT SIZE SHALL BE 1/2" POLLANBEE C-10-16 OR EQUAL) AND SHALL BE FASTENED TO WOOD MEMBERS USING GREAT ANGLES.

A VINYL SLAMPER STRIP SHALL BE PROVIDED ALONG THE OUTBOARD SIDE OF THE FLOATING DOCK. SLAMPER STRIP SHALL BE AS MANUFACTURED BY "POLLANBEE" MODEL VWR-8 OR EQUAL. RAMPS SHALL BE ALUMINUM AND CONSTRUCTION SHALL BE BY MANUFACTURER REGULARLY DRAGGED IN THE TRADE. RAMPS SHALL BE CONNECTED TO FIXED PORTION OF DOCK AS RECOMMENDED BY MANUFACTURER. ROLLER ANCHORS AT FLOATING DOCK SHALL BE 2" DIAMETER BY 6" WIDE SLAMPER TYPE. INSTALL PLYWOOD OR METAL SHEET TO DOCK, FOR ROLLING.

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.

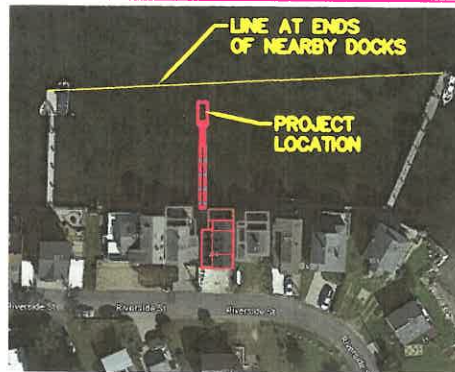
ELECTRICAL WIRE SHALL BE USED BY THE ELECTRICAL CONTRACTOR. WIRE SHALL BE ENCASED IN PVC CONDUIT SUITABLE FOR MARINE APPLICATION. INSTALL EXTENSION-TYPE MARINE BRACE, DOUBLE RECEIPTABLE AT END OF PER AS INDICATED.

WATER LINE SHALL BE 3/4" POLYETHYLENE TEREPHTHALATE AS MANUFACTURED BY "JALAPANCO" OR EQUAL. INSTALL SUITABLE BACKFLOW PREVENTER AT EITHER EXISTING DWELLING OR PER HEAD AS REQUIRED BY CODE. PROVIDE SHOWN AT END HEAD TO ALLOW DRAINAGE OF WATER FROM THE LINE DURING THE WATER LAYOUT. INSTALL SPOUT AT END OF PER AS INDICATED.

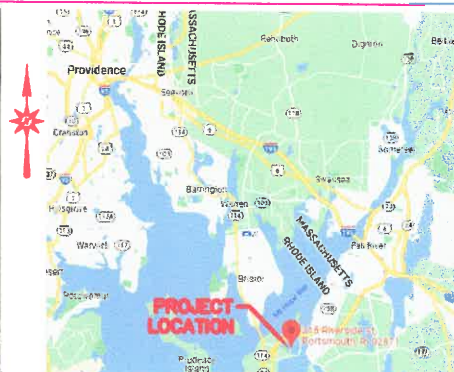
ELECTRIC/WATER UTILITY LINES SHALL BE CONNECTED AT EXISTING DWELLING. LINES SHALL BE BURIED A MINIMUM DEPTH OF 18" ABOVE EXISTING LAWN AREA.

UTILITIES SHALL BE BURIED TO UNDERSIDE OF PER AS INDICATED. WITH GALVANIZED METAL FASTENERS EVERY 6" ON CENTER.

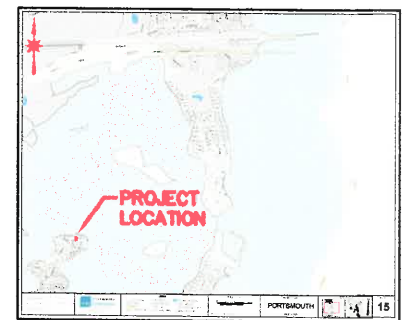
LOW VOLTAGE LIGHTING SHALL BE PROVIDED ALONG THE DOCK AS INDICATED. LIGHTING TYPE TO BE PROPOSED BY CONTRACTOR. INCLUDE LOW VOLTAGE WIRING IN ELECTRICAL CONDUIT OR SEPARATE CONDUIT AS REQUIRED BY CODE.



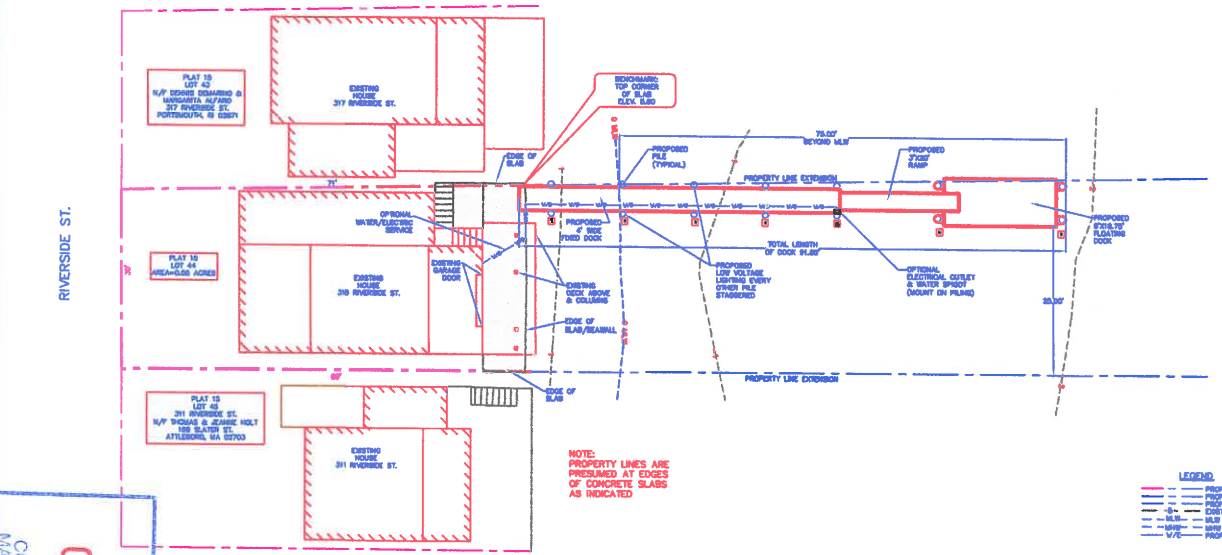
AERIAL PHOTO
SCALE 1" = 874'



LOCUS PLAN
RIS



PORTSMOUTH, RI PLAT MAP #15
RIS



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

DATUM: REFERENCE DATUM IS MEAN LOW WATER

REFERENCE PLANS:
 -PLAN ENTITLED "PROPERTY MAP TOWN OF PORTSMOUTH, NEWPORT COUNTY, RHODE ISLAND"
 PREPARED BY: JAMES W. SEWALL COMPANY
 -TOWN OF PORTSMOUTH, RI TAX ASSESSOR'S GIS PLAT MAP #15

OWNER INFO:
 RICHARD RUA
 72 VIKING DR.
 PORTSMOUTH, RI 02871

SITE LOCATION:
 315 RIVERSIDE ST.
 PORTSMOUTH, RI 02871



REVISIONS	
NO.	DATE
1	08/17/22
2	08/17/22
3	08/17/22
4	08/17/22
5	08/17/22
6	08/17/22
7	08/17/22
8	08/17/22
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16	08/17/22
17	08/17/22
18	08/17/22
19	08/17/22
20	08/17/22

DATE: 8/17/22

DR. VS

CHK. RB

DESIGNER: RB

CHECKER: VS

DATE: 8/17/22

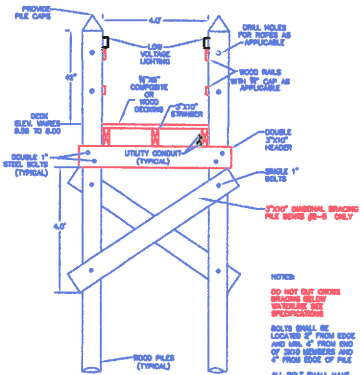
SEI
 SITE ENGINEERING INC. - PROFESSIONAL
 CIVIL • ELECTRICAL • MECHANICAL
 15 TRADE STREET
 PORTSMOUTH, RI 02871
 PHONE: (401) 888-8881

SITE PLAN AND SPECIFICATIONS
RESIDENTIAL BOATING FACILITY
 PLAT 15, LOT 44
 315 RIVERSIDE ST.
 PORTSMOUTH, RHODE ISLAND.

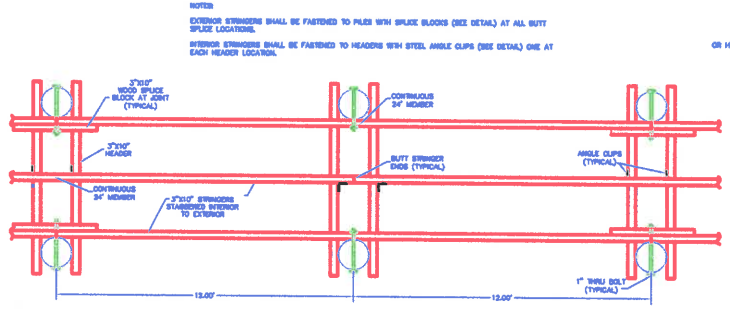
SCALE AS NOTED
 SHEET 1 OF 2

DK-1

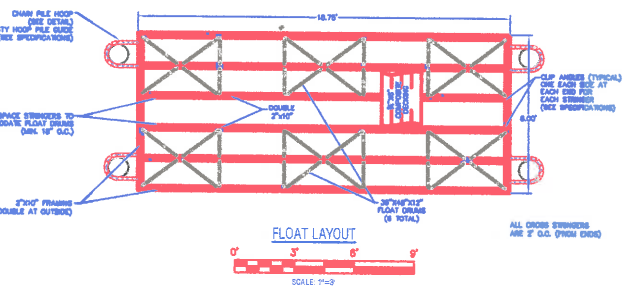
RECEIVED
 OCT 10 2022
 COASTAL ZONING
 MANAGER'S
 OFFICE



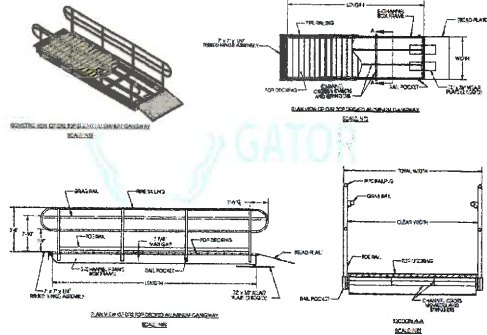
NOTES:
DO NOT SET CROSS BRACING BELOW WATERLINE SEE SPECIFICATIONS
BOLTS SHALL BE LOCATED 2" FROM EDGE AND MIN. 4" FROM END OF 3X10 MEMBERS AND 4" FROM SIDE OF PILE
ALL BOLT SHALL HAVE 2" WINGS



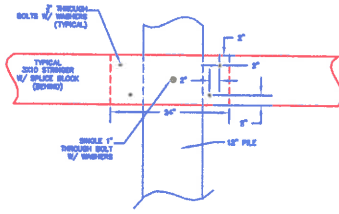
TYPICAL STRINGER LAYOUT
NOT TO SCALE



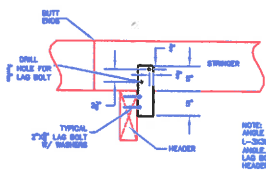
ALL CROSS BRACING ARE 2" O.C. (FROM EDGE)



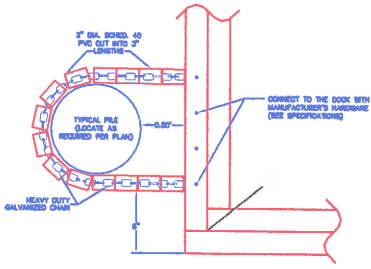
PROPOSED ALUMINUM RAMP
NOT TO SCALE



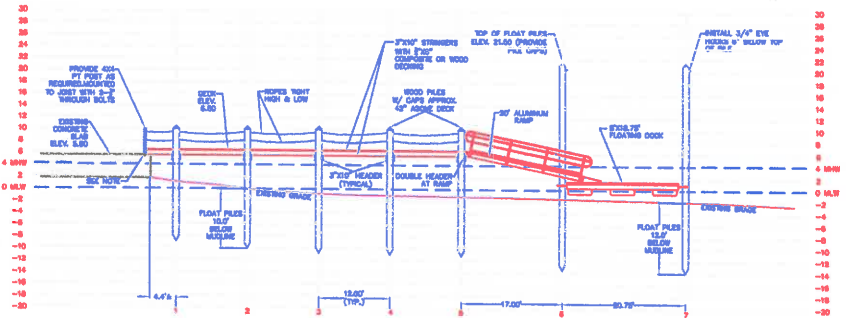
SPLICE BLOCK DETAIL
NOT TO SCALE



STRINGER/HEADER CONNECTION DETAIL
NOT TO SCALE



CHAIN HOOP DETAIL
SCALE 1/8"=1'-0"



DOCK PROFILE
SCALE 1"=10'

NOTE: INSTALL 4" x 4" x 1/4" STEEL ANGLE (UNFINISHED) TO FASTEN JOINT AT CONCRETE BEAM. FASTEN INTO CONCRETE BY 2-1/2" x 4" EXPANSION BOLTS IN BOTH ENDS JOINT BY 3-1/2" x 1/4" x 8" LAG BOLTS

NOTE: FLOOD ZONE IS VE (SL 17) MH. HEIGHT OF FLOAT PILES = (1/2)(SLW TO MSL) + (1/2)(HEADS) + 1' = 21.00

NOTE: ALL WOOD PILE PILES SHALL BE DIVERTED 10" BELOW MAELINE. ALL FLOAT PILES SHALL BE DIVERTED 12" BELOW MAELINE.

NO.	REVISIONS	DATE	BY	CHKD.

DESIGN: RB
DR: VS
CHK: RB
DATE: 8/23/22

SEI
SITE ENGINEERING INC.
CIVIL • STRUCTURAL
15 WIND STREET
PORTSMOUTH, RI 02876
PHONE: (401) 283-5887

DOCK PROFILE & DETAILS
RESIDENTIAL BOATING FACILITY
PLAT 15, LOT 44
315 RIVERSIDE ST.
PORTSMOUTH, RHODE ISLAND

DK-2
SHEET 6 OF 6



OWNER INFO:
RICHARD RUA
72 VIKING DR.
PORTSMOUTH, RI 02871

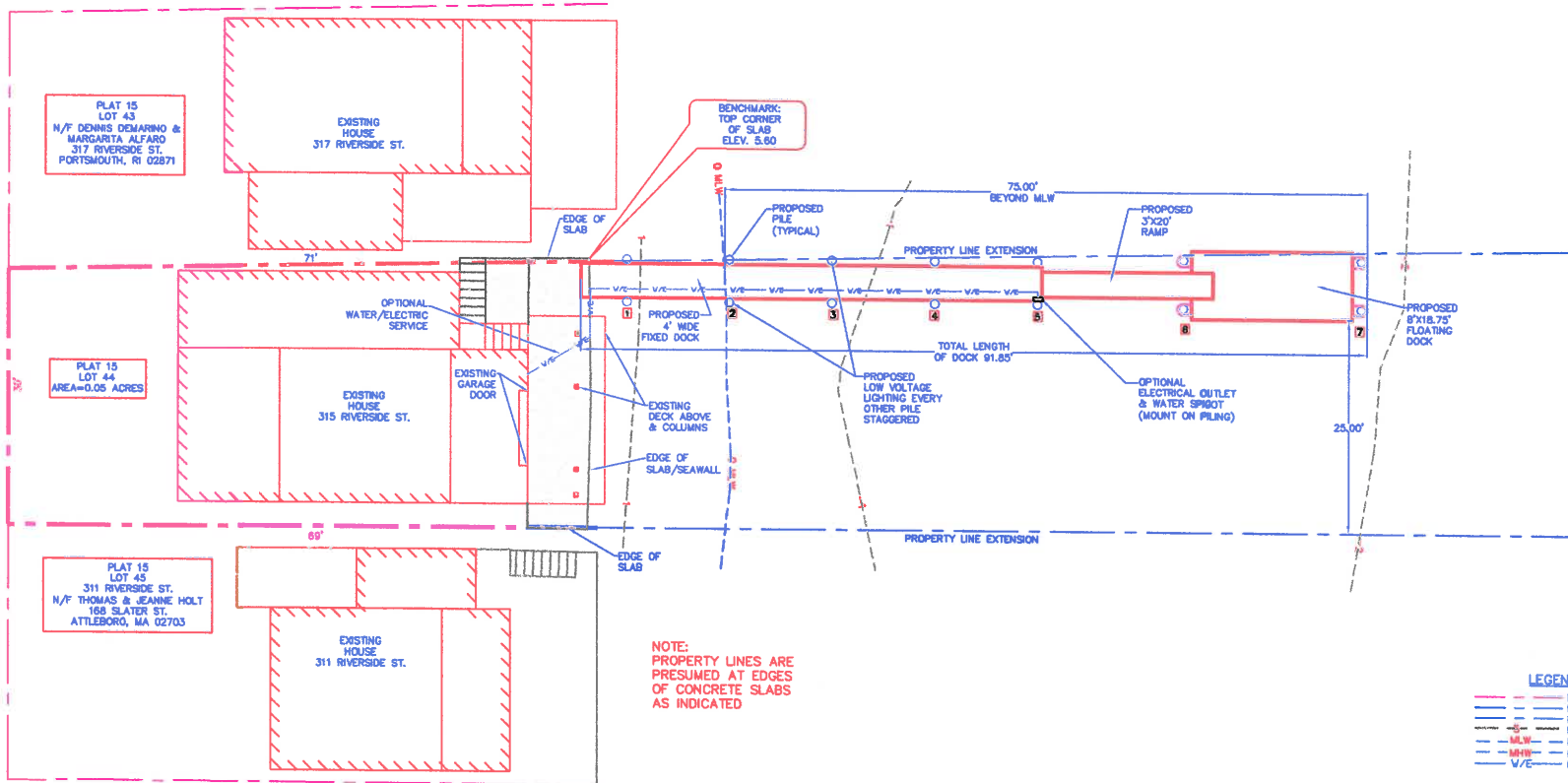
SITE LOCATION:
315 RIVERSIDE ST.
PORTSMOUTH, RI 02871

RECEIVED
OCT 05 2022
COASTAL RESOURCES
MANAGEMENT, LLC
RI



RIVERSIDE ST.

ISLAND PARK COVE
TYPE II WALLS



LEGEND

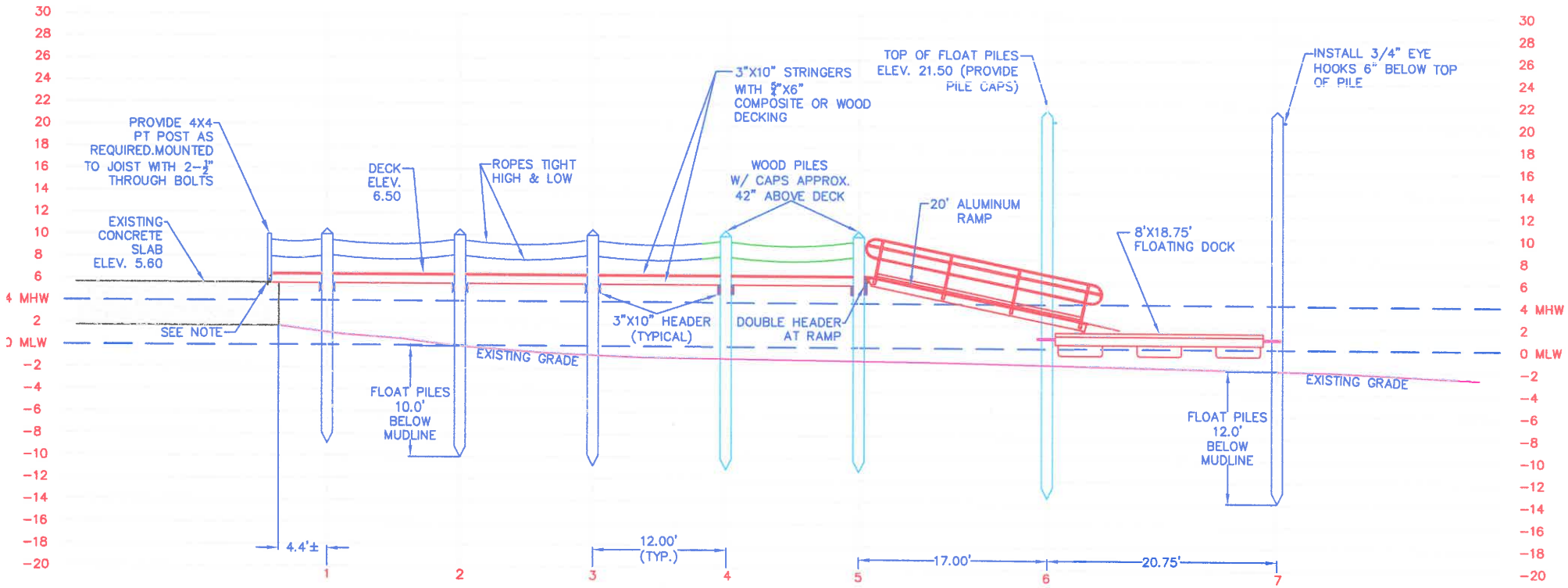
- PROPERTY LINE
- PROPERTY LINE EXTENSION
- PROPERTY LINE EXTENSION OFFSET
- EXISTING CONTOUR
- MLW (MEAN LOW WATER)
- MHW (MEAN HIGH WATER)
- W/E PROPOSED WATER ELECTRICAL SERVICE

SITE PLAN



REFERENCE PLANS:
 -PLAN ENTITLED "PROPERTY MAP
 TOWN OF PORTSMOUTH, NEWPORT COUNTY,
 RHODE ISLAND"
 PREPARED BY: JAMES W. SEWALL COMPANY

RECEIVED
 OCT 05 2022
 PLANNING DEPARTMENT
 PORTSMOUTH, RI



NOTE:
 INSTALL 4" x 4" x 1/4" STEEL ANGLES (GALVANIZED) TO FASTEN JOIST AT CONCRETE SEAWALL. FASTEN INTO CONCRETE W/ 2-1/2" x 4" EXPANSION BOLTS & INTO EACH JOIST W/ 2- 1/4" x 3" LAG BOLTS

NOTE:
 FLOOD ZONE IS VE (EL 17) MSL.
 HEIGHT OF FLOAT PILES=17+2'(MLW TO MSL)+1.5'(FREEBOARD)+1'=21.50

NOTE:
 ALL FIXED PIER PILES SHALL BE DRIVEN 10' BELOW MUDLINE.
 ALL FLOAT PILES SHALL BE DRIVEN 12' BELOW MUDLINE.

DOCK PROFILE



SCALE: 1"=10'

RECEIVED
 OCT 05 2022
 COASTAL RESOURCES
 MANAGEMENT COUNCIL

CRMC Mailing List for Richard Rua
CRMC File Number 2022-10-022

Richard Rua
72 Viking Drive
Portsmouth, RI 02871

Dennis Demarino
and/or Margarita Alfaro
317 Riverside Dr
Portsmouth RI 02871

Thomas & Jeanne Holt
168 Slater St
Attleboro MA 02703

CRMC (2022-10-022)
O. S. Government Center
4808 Tower Hill Road
Wakefield, RI 02879

Ron Blanchard, PE
Site Engineering
75 Wood Street
Bristol, RI 02809