



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: 2021-05-096 Date: July 16, 2021

This office has under consideration the application of:

James Pomposelli & Elizabeth Pomfret
5 Redhawk Run
Cherry Hill Village, CO 80113

for a State of Rhode Island Assent to construct and maintain:

a 121 foot high fetch residential boating facility and boat lift. The residential boating facility consists of a 4ft x 121ft fixed pier and a perpendicular 3ft x 20ft ramp and 10ft x 20ft terminal float. The facility is proposed to extend 75ft beyond mean low water (MLW) to achieve a water depth of 4 ft at its terminus. A 25ft length variance is required for 1.3.1(D)(11)(l) 50ft beyond MLW standard. In addition a variance is required for 1.3.1(P)(4)(a) for the gunwale of the vessel on the boat lift to be raised to an elevation higher than the elevation of the deck.

Project Location:	115 Aaron Avenue
City/Town:	Bristol
Plat/Lot:	65 / 63
Waterway:	Narragansett Bay

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 August 16, 2021.

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 PILINGS 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. TO PREVENT SPLUTING 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-3)

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 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 5/8"x6" COMPOSITE OR 2X6 WOOD MEMBERS. FASTENERS FOR DECKING SHALL BE 2" GALVANIZED STEEL SCREWS TWO AT EACH ATTACHMENT LOCATIONS. ALTERNATIVELY COMPOSITE FLOW-THRU DECKING MAY BE USED. FOR FLOW THRU DECKING, INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

FLOATING DOCK SHALL BE OF WOOD CONSTRUCTION AND HAVE APPROXIMATELY 18" FREEBOARD AND 6" DRAFT. DECKING SHALL BE 5/8"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 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 POLYTHYLENE 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. 3/8" LAG BOLTS WITH 1 1/2" WASHERS AND 1" PENETRATOR 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" PILINGS (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 PILINGS SUCH THAT NO CONTACT WITH PILINGS OCCURS.

SECURE PILE HOLDERS TO FLOATING DOCK WITH 4-3/8" THROUGH BOLTS (IN HORIZONTAL DIRECTION) AND 4-3/8" LAG BOLTS (VERTICAL DIRECTION). USE 3"x10" SPLICE BLOCK BEHIND OUTSIDE MEMBER TO PROVIDE ADEQUATE WIDTH FOR FASTENING. USE METAL BACKER PLATES FOR 3/8" 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.

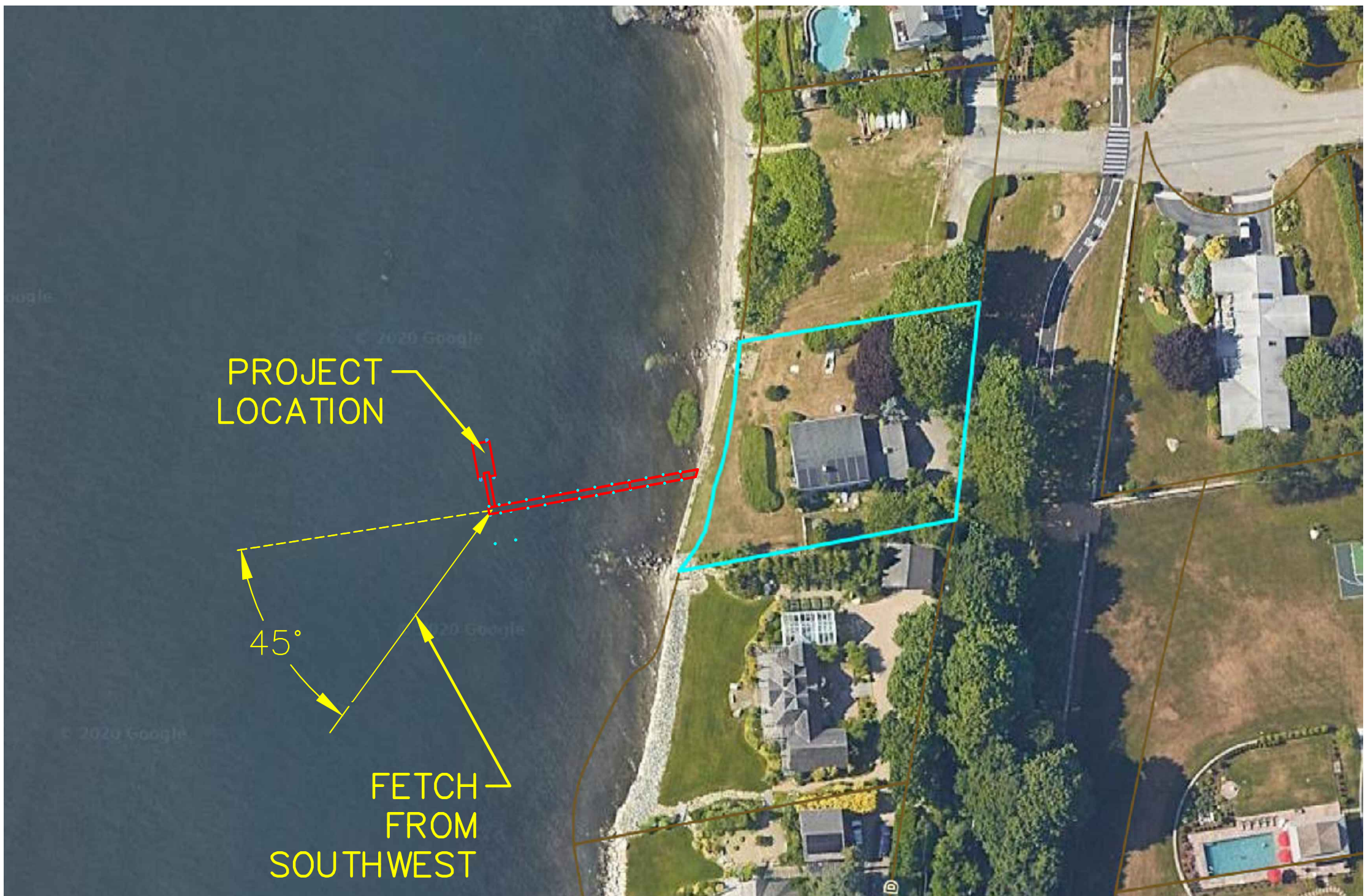
ELECTRICAL WIRE SHALL BE SIZED BY THE ELECTRICAL CONTRACTOR. WIRE SHALL BE ENCASED IN PVC CONDUIT SUITABLE FOR MARINE APPLICATION. INSTALL EXTERIOR-TYPE, MARINE GRADE, DOUBLE RECEPTACLE AT END OF PIER AS INDICATED.

WATER LINE SHALL BE 3/4" POLYTHYLENE 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.

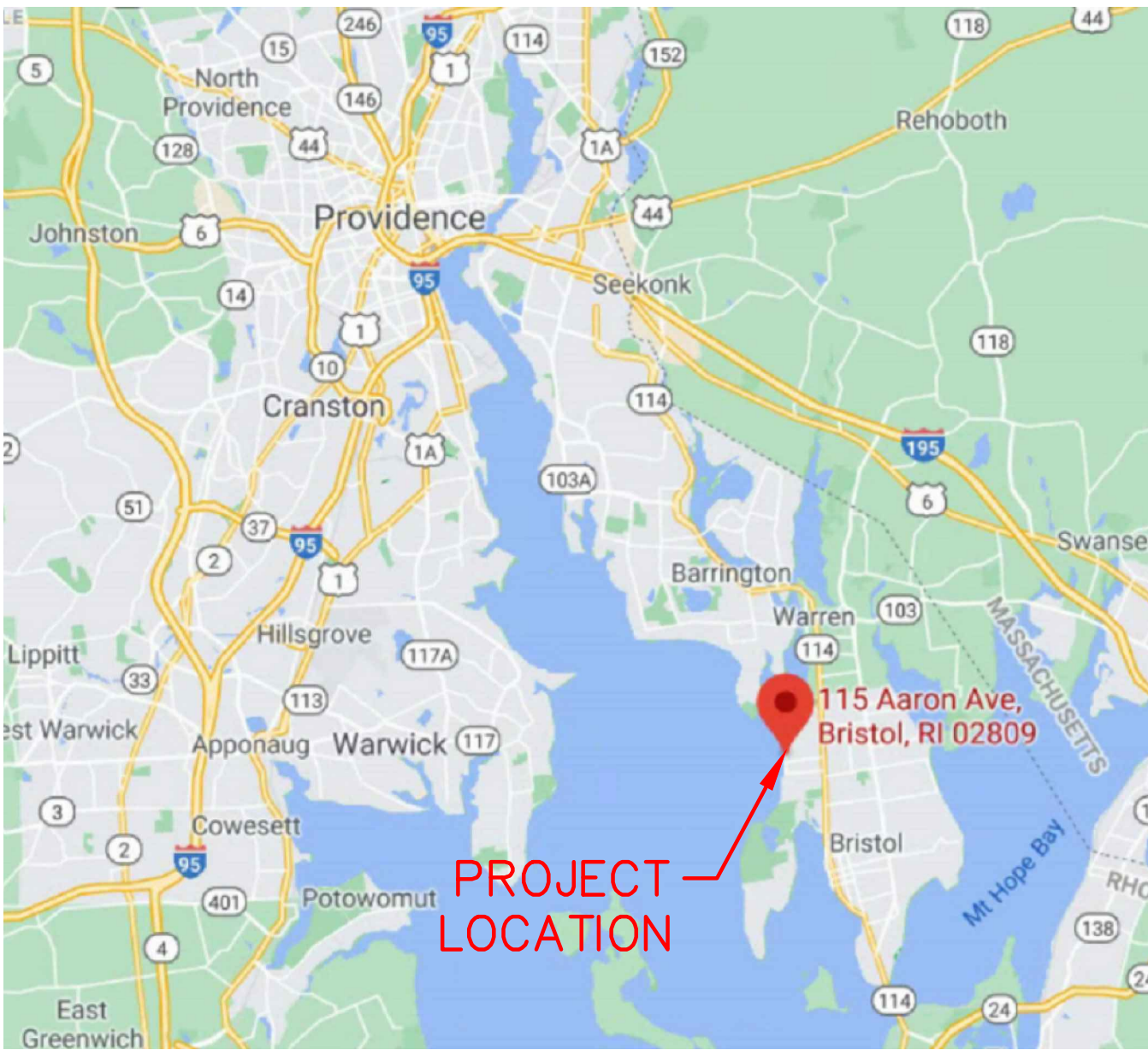
ELECTRIC/WATER UTILITY LINES SHALL BE CONNECTED AT EXISTING DWELLING. LINES SHALL BE BURIED A MINIMUM DEPTH OF 12" ACROSS EXISTING LAWN AREA. UTILITIES SHALL BE SECURED TO UNDERSIDE OF PIER AS INDICATED, WITH GALVANIZED METAL FASTENERS EVERY 5' ON CENTER.

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.

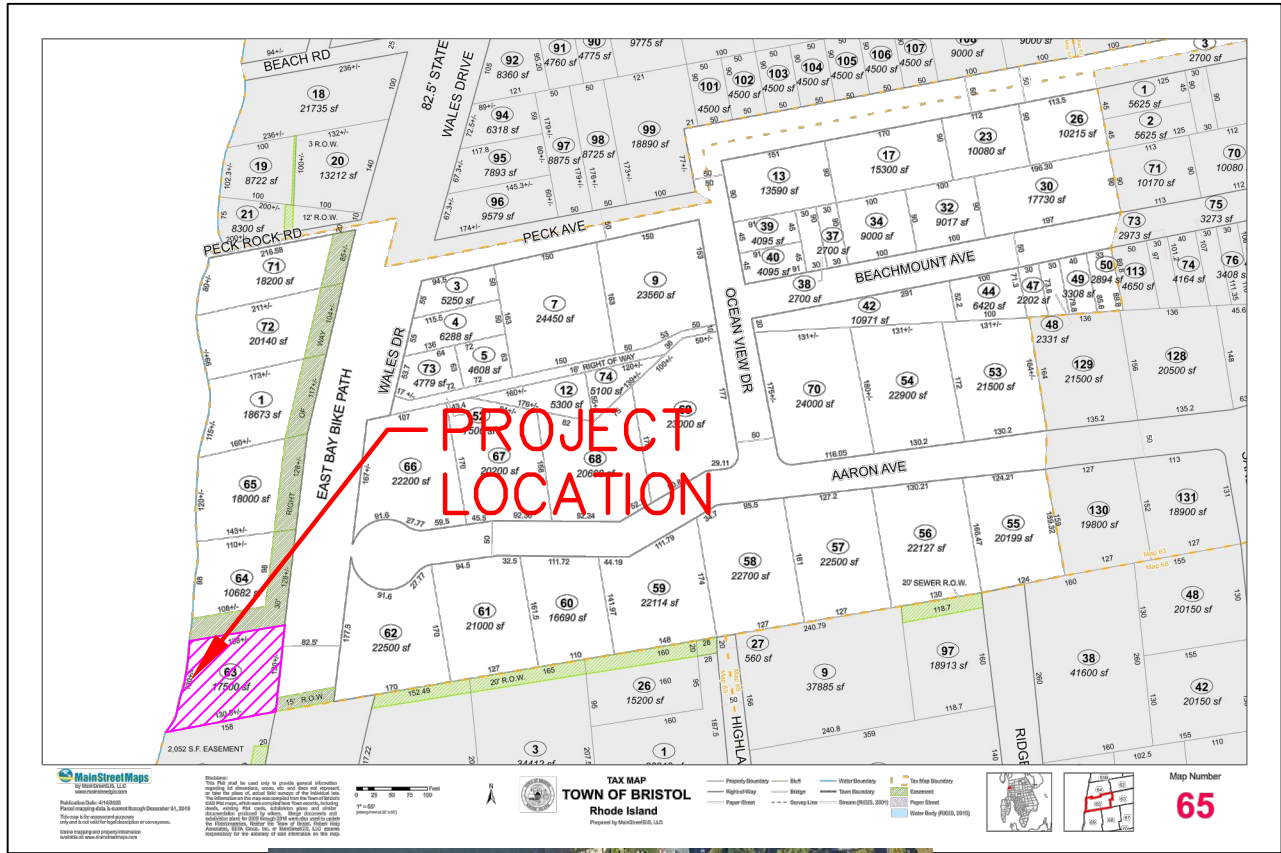
NOTE:
THIS SITE IS IN A LONG FETCH AREA. DOCK SPECIFICATIONS AND DETAILS MUST BE STRICTLY ADHERED TO. CONTACT DESIGNER WITH ANY QUESTIONS. UPON COMPLETION OF CONSTRUCTION, DESIGNER IS REQUIRED TO INSPECT AND CERTIFY STRUCTURE.



AERIAL PHOTO
NTS



LOCUS PLAN
NTS

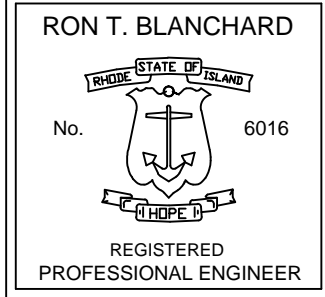


BRISTOL, RI PLAT MAP #65
NTS



- LEGEND
- PROPERTY LINE
 - PROPERTY LINE EXTENSION
 - PROPERTY LINE EXTENSION OFFSET
 - EXISTING CONTOUR
 - MLW (MEAN LOW WATER)
 - MHW (MEAN HIGH WATER)
 - PROPOSED WATER ELECTRICAL SERVICE
 - EXISTING FENCE

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.



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

DATUM:
REFERENCE DATUM IS MEAN LOW WATER



REFERENCE PLAN:
-TOWN OF BRISTOL, RI
TAX ASSESSOR'S GIS MAP #65

SITE LOCATION:
115 AARON AVE.
BRISTOL, RI 02809

OWNER:
JAMES POMPESELLI
5 REDHAWK RUN
CHERRY HILL VILLAGE. CO 80113

SITE ENGINEERING INC. SEI

CIVIL • COASTAL • STRUCTURAL

75 WOOD STREET
BRISTOL, RI 02809
PHONE: (401) 253-8231

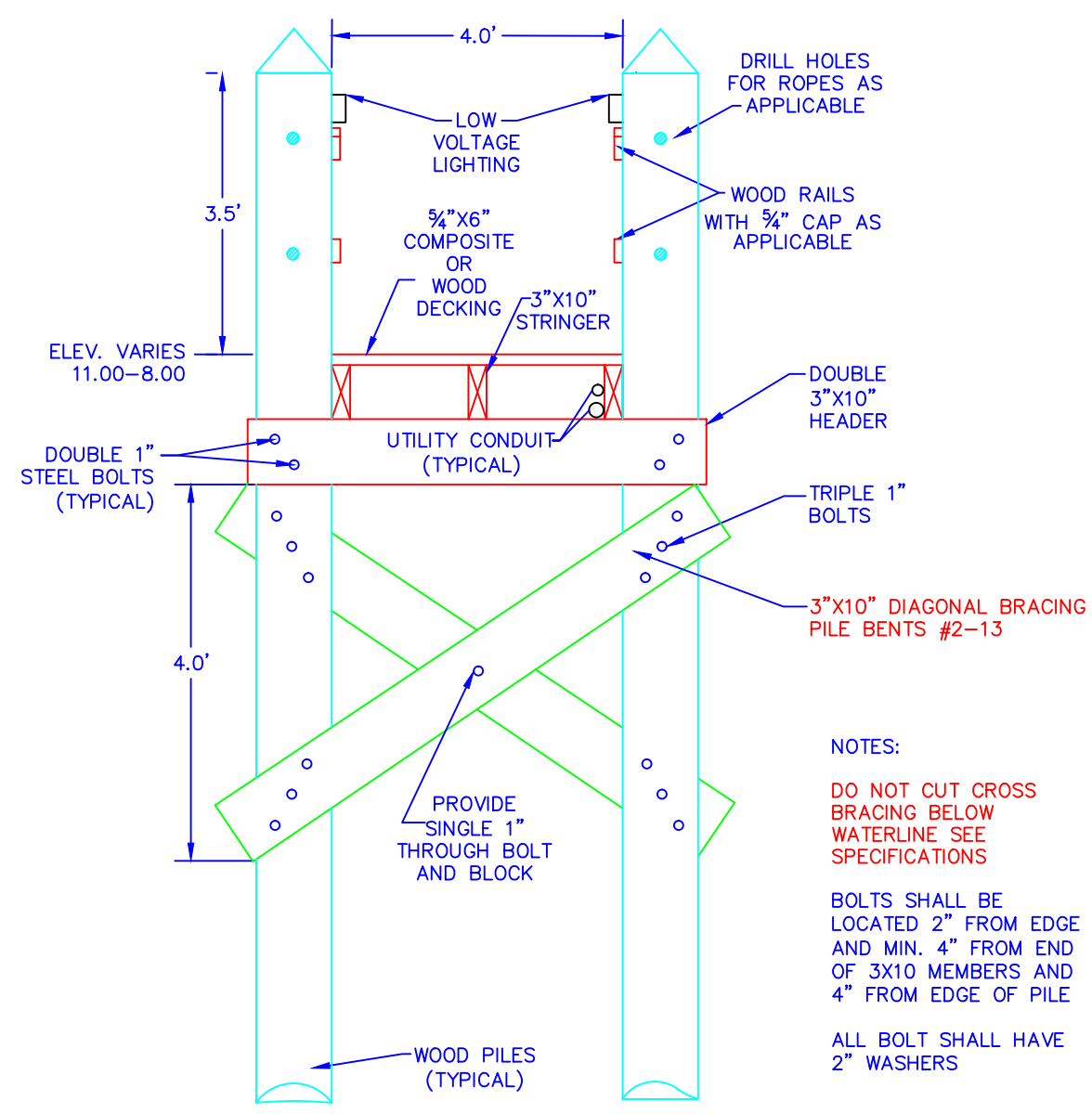
SITE PLAN AND SPECIFICATIONS
RESIDENTIAL BOATING FACILITY

PLAT 65, LOT 63
115 AARON AVE.

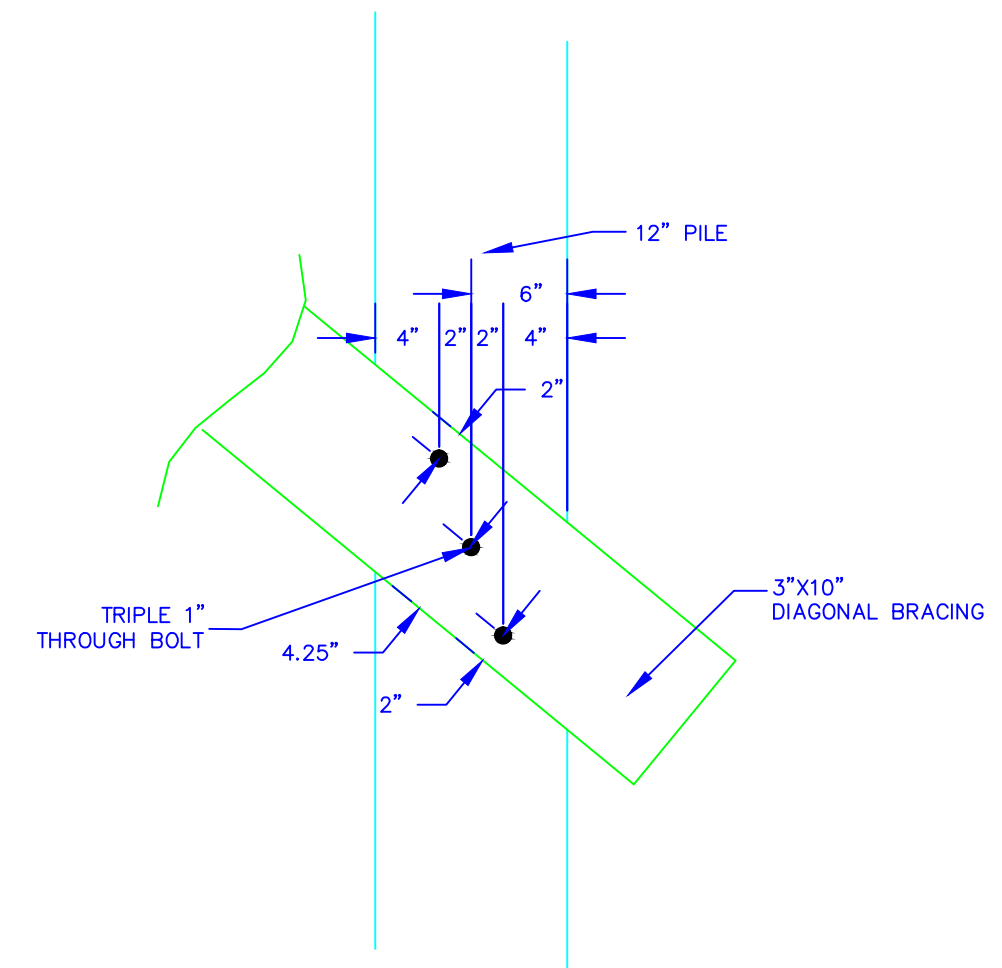
BRISTOL, RHODE ISLAND.

SCALE: AS NOTED
(SHEET 1 OF 3)

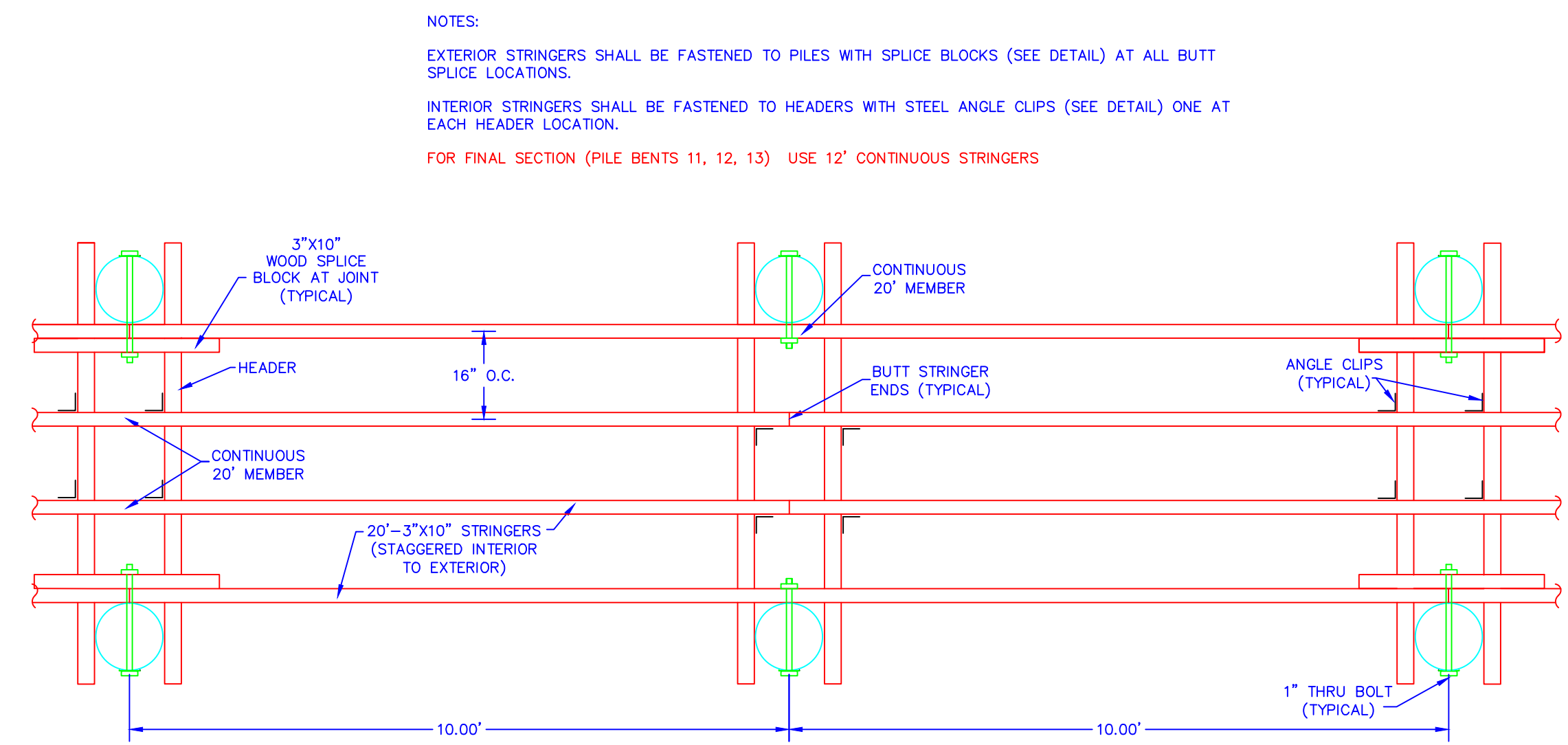
DK-1



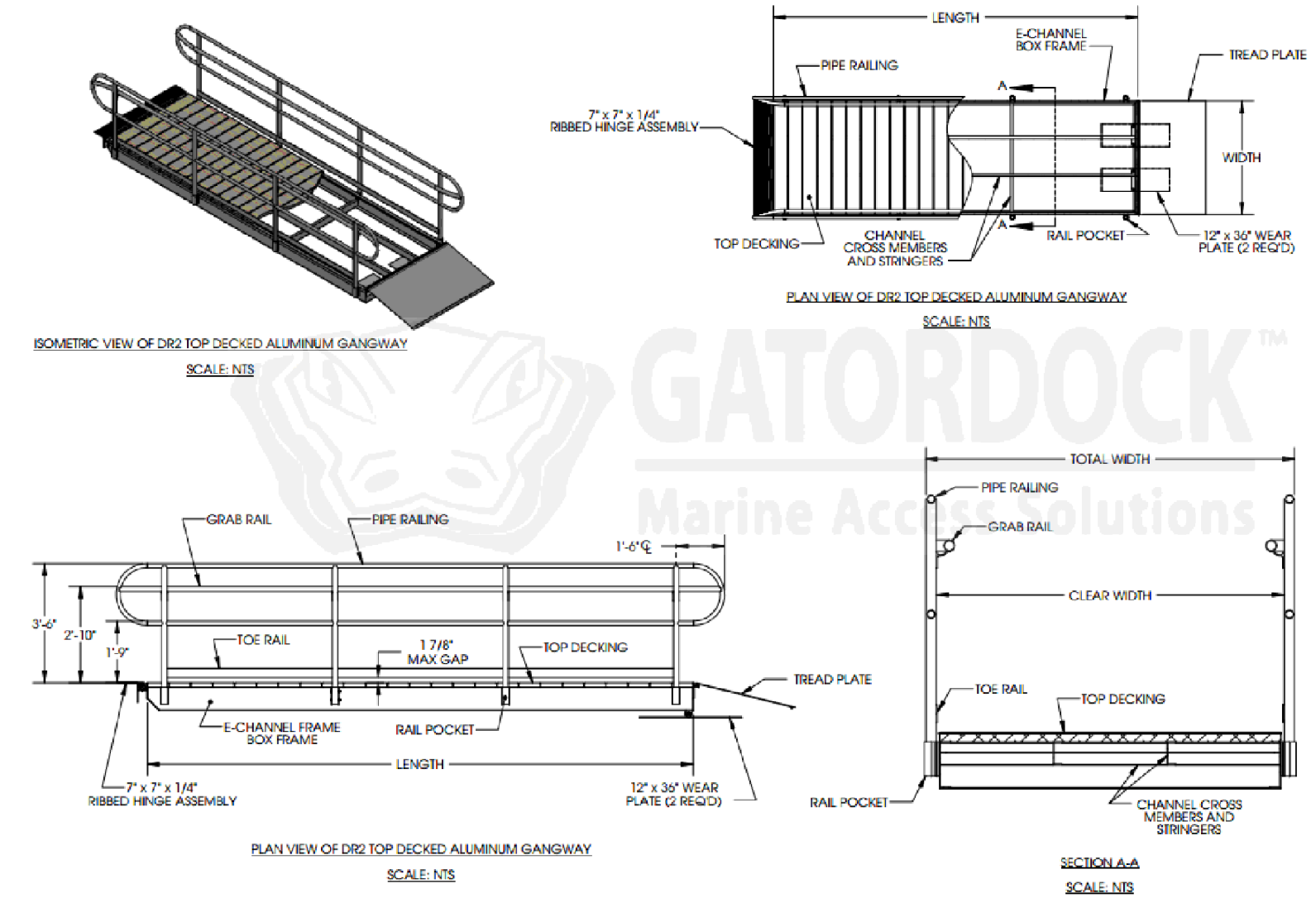
TYPICAL CROSS SECTION
NOT TO SCALE



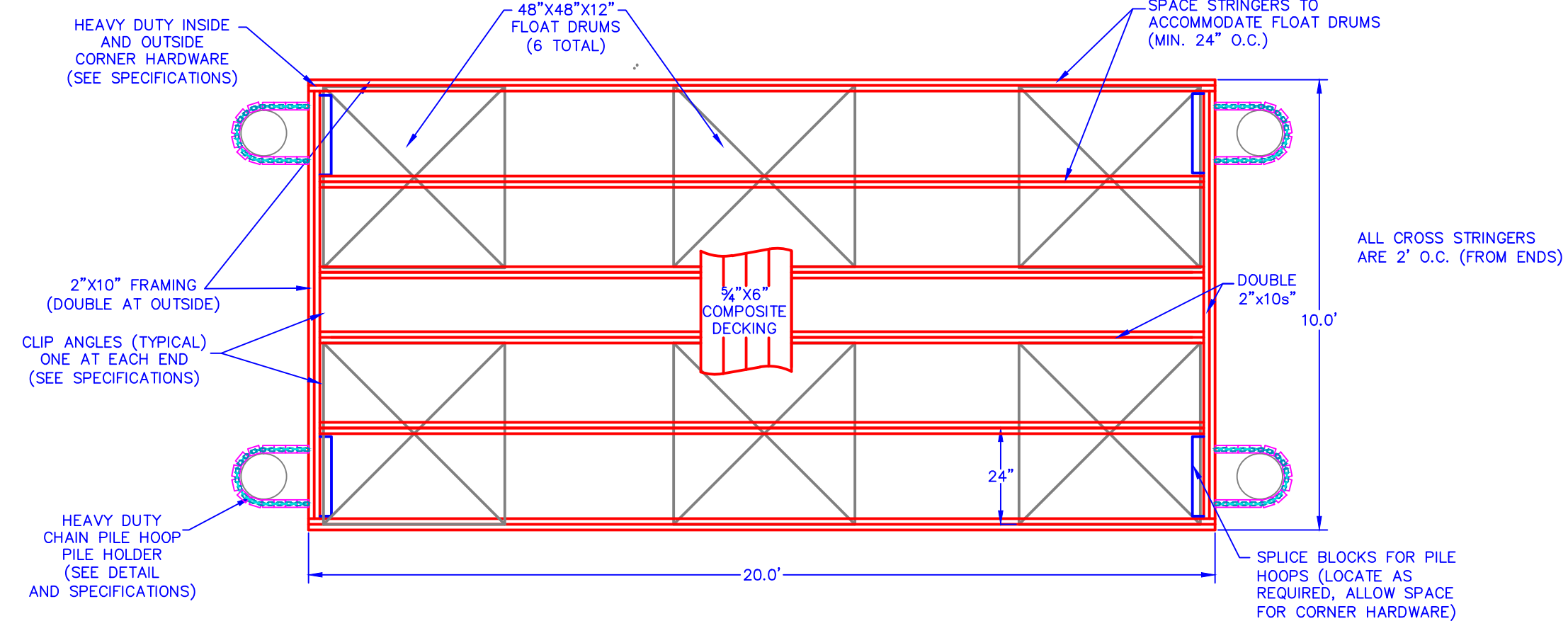
BOLT CONNECTION DETAIL
NOT TO SCALE



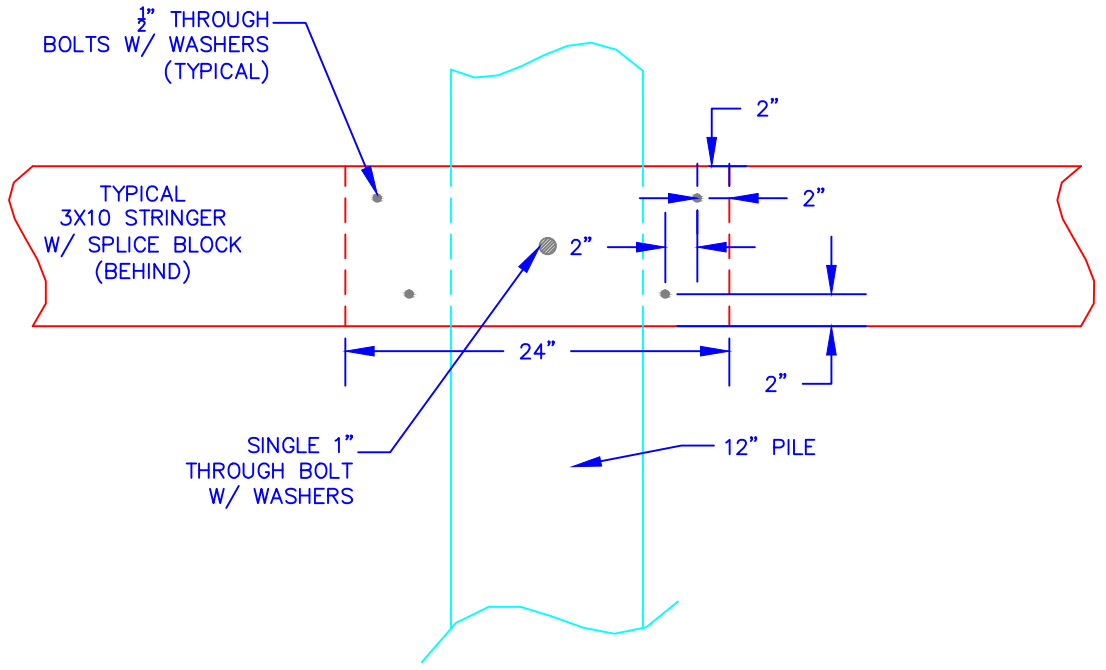
TYPICAL STRINGER LAYOUT
NOT TO SCALE



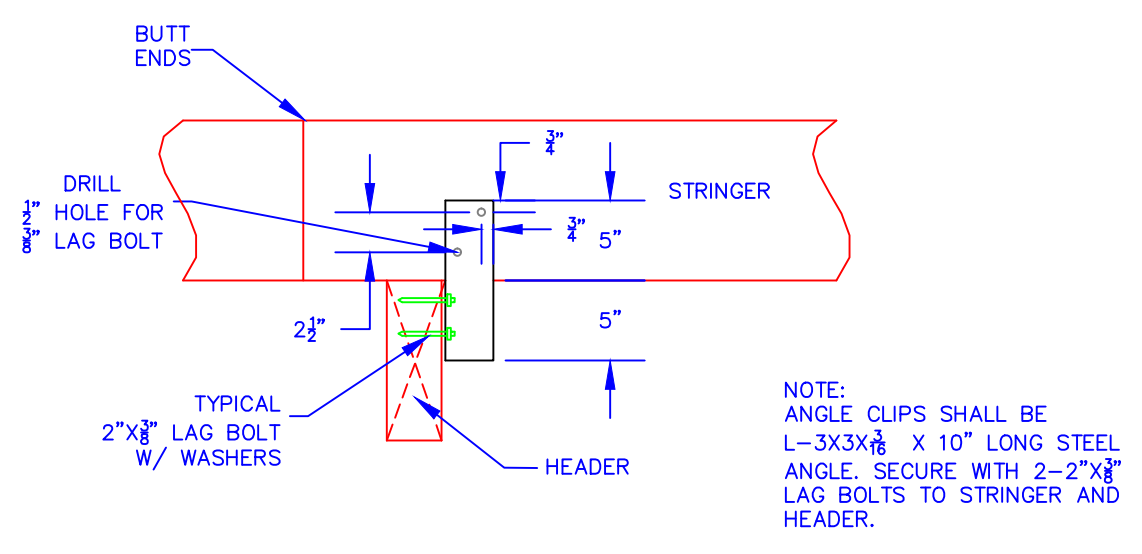
PROPOSED ALUMINUM RAMP
NOT TO SCALE



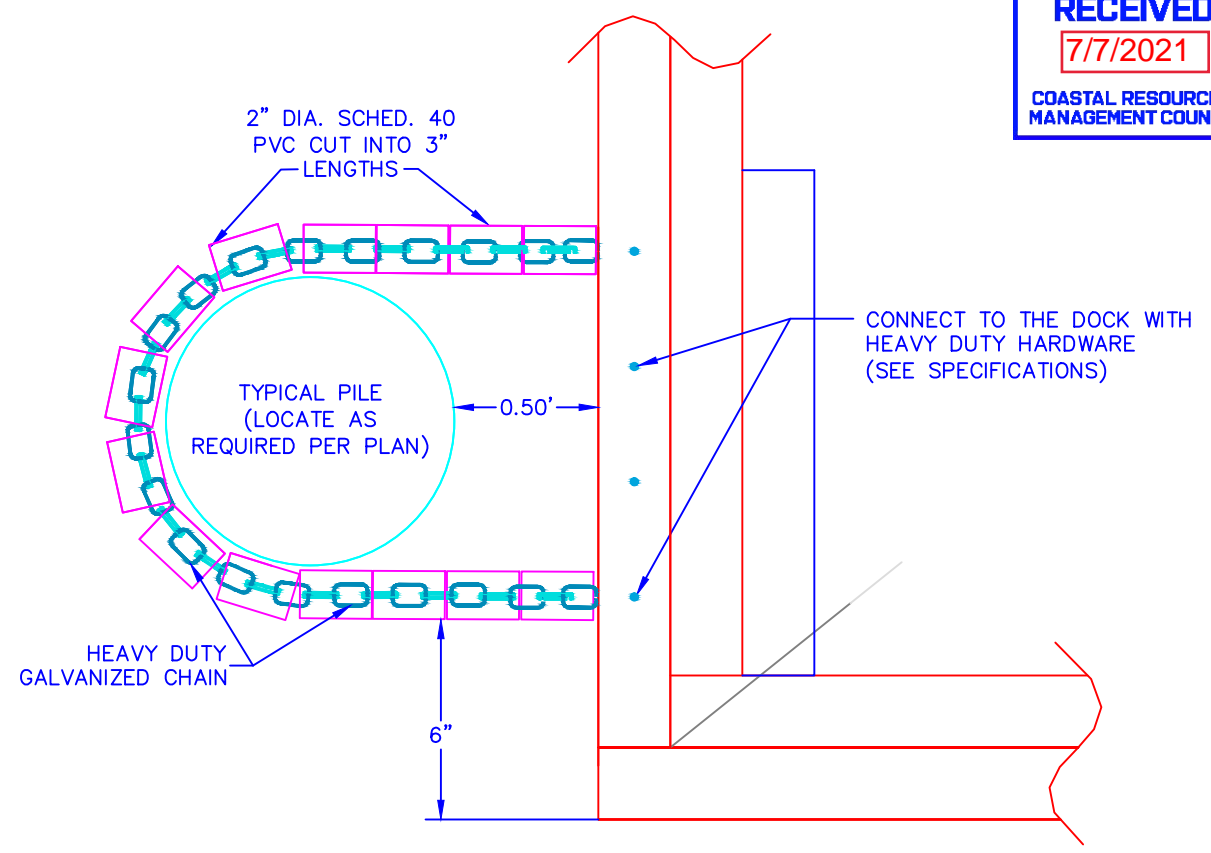
SCALE: 1"=3'



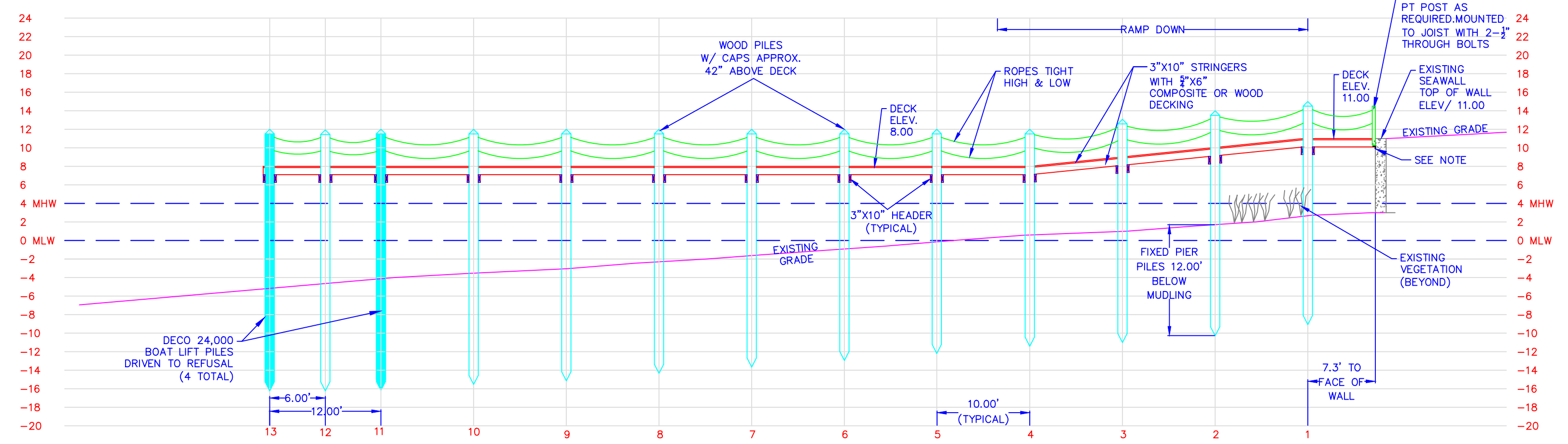
SPLICE BLOCK DETAIL
NOT TO SCALE



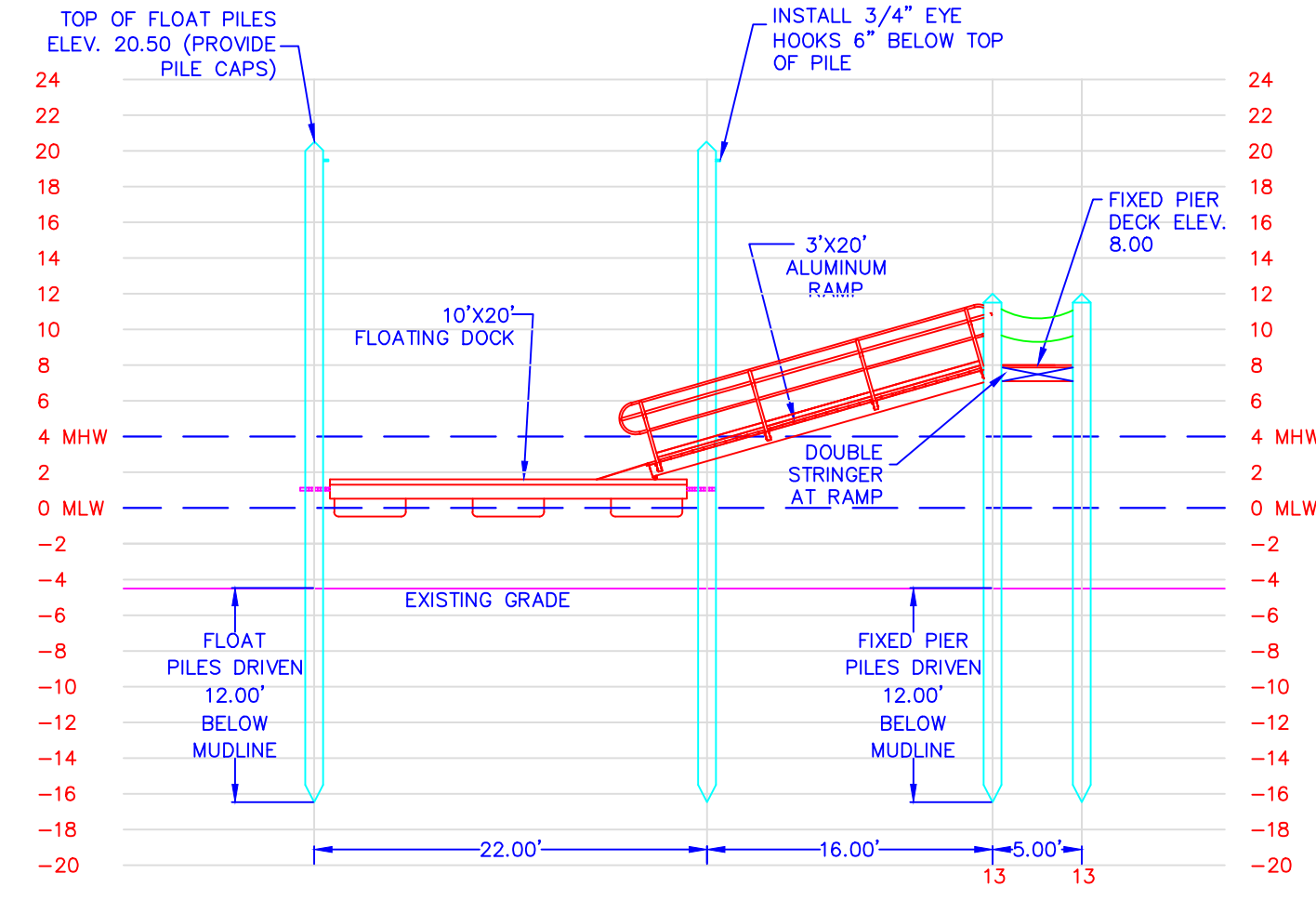
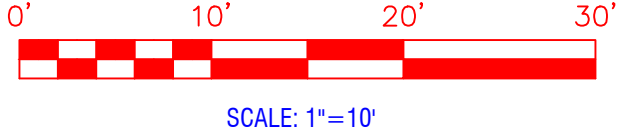
STRINGER/HEADER CONNECTION DETAIL
NOT TO SCALE



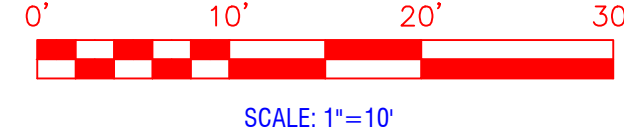
SCALE: 1.5"=1'



DOCK PROFILE



RAMP & FLOAT PROFILE



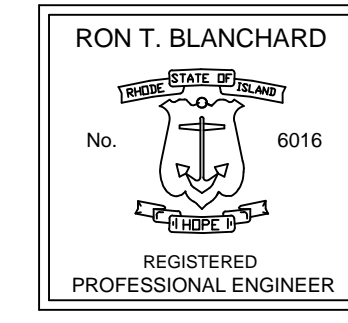
NOTE:
ALL FIXED PIER PILES SHALL BE CLASS A 14" SOUTHERN PINE DRIVEN 12' BELOW MUDLINE.
ALL FLOAT PILES SHALL BE 12" GREENHEART DRIVEN 12' BELOW MUDLINE.
BOAT LIFT PILES SHALL BE CLASS A 14" SOUTHERN PINE

NOTE:
INSTALL 4" x 4" x 1/4" STEEL ANGLES (GALVANIZED) TO FASTEN JOIST AT 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 16) MSL.
HEIGHT OF FLOAT PILES=16+2(MLW TO MSL)+1.5(FREEBOARD)+1=20.50

SITE LOCATION:
115 AARON AVE.
BRISTOL, RI 02809

OWNER:
JAMES POMPESELLI
5 REDHAWK RUN
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SEI
SITE ENGINEERING INC.
CIVIL • COASTAL • STRUCTURAL

75 WOOD STREET
BRISTOL, RI 02809
PHONE: (401) 253-8231

DOCK PROFILE & DETAILS
RESIDENTIAL BOATING FACILITY
PLAT 65, LOT 63
115 AARON AVE.
BRISTOL, RHODE ISLAND.

DK-2

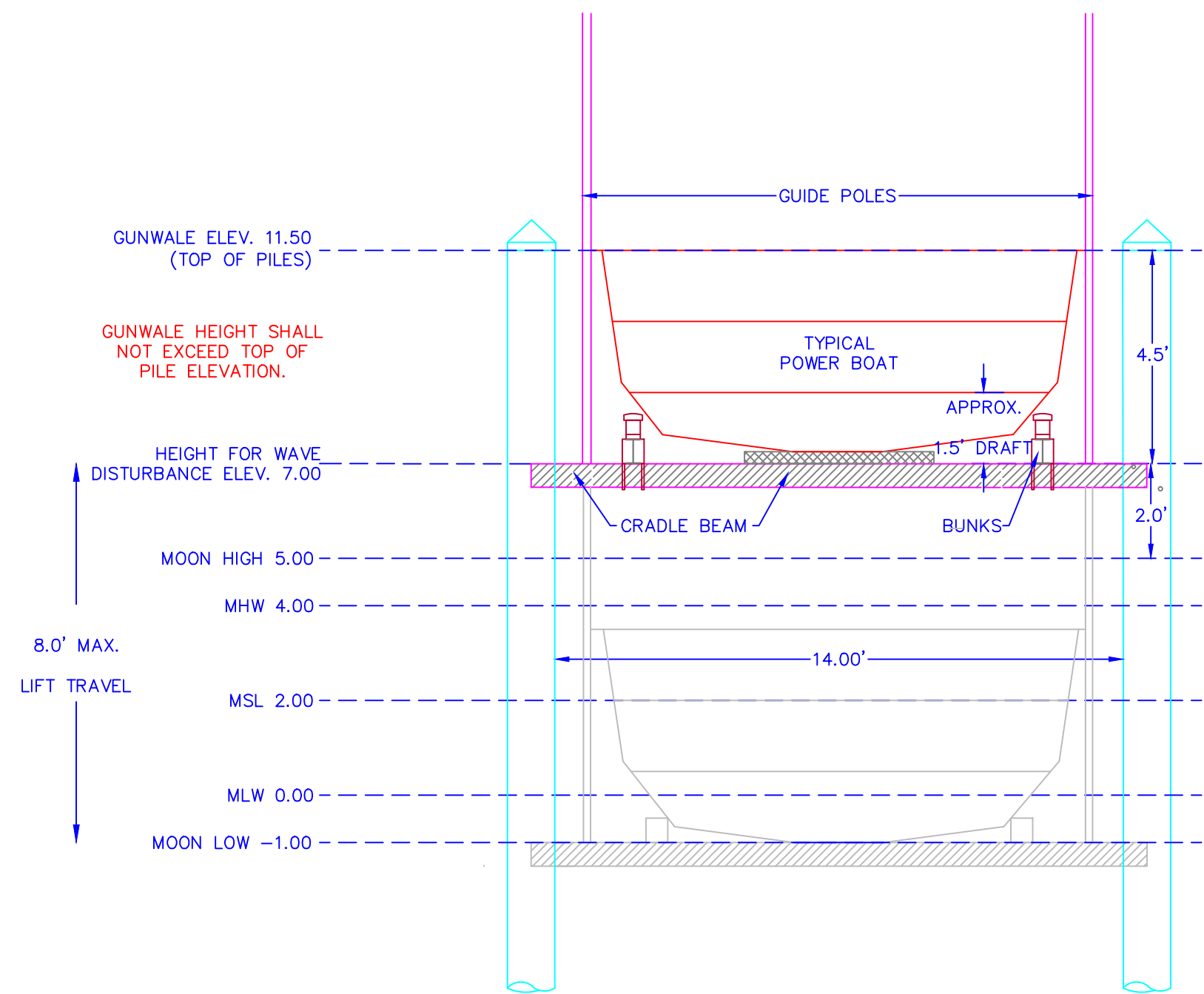
RECEIVED
7/7/2021
COASTAL RESOURCES
MANAGEMENT COUNCIL

DATE: 3/25/21

NO.	REVISIONS	DATE	DESCRIPTION
001	MINOR REVISION	4/16/21	
002	FINAL REVISIONS	5/11/21	
003	REVISIONS PER OWNER & CLIENT COMMENTS	6/23/21	
004	MINOR REVISIONS	6/25/21	

DATE: 3/25/21

SCALE: AS NOTED
(SHEET 2 OF 3)

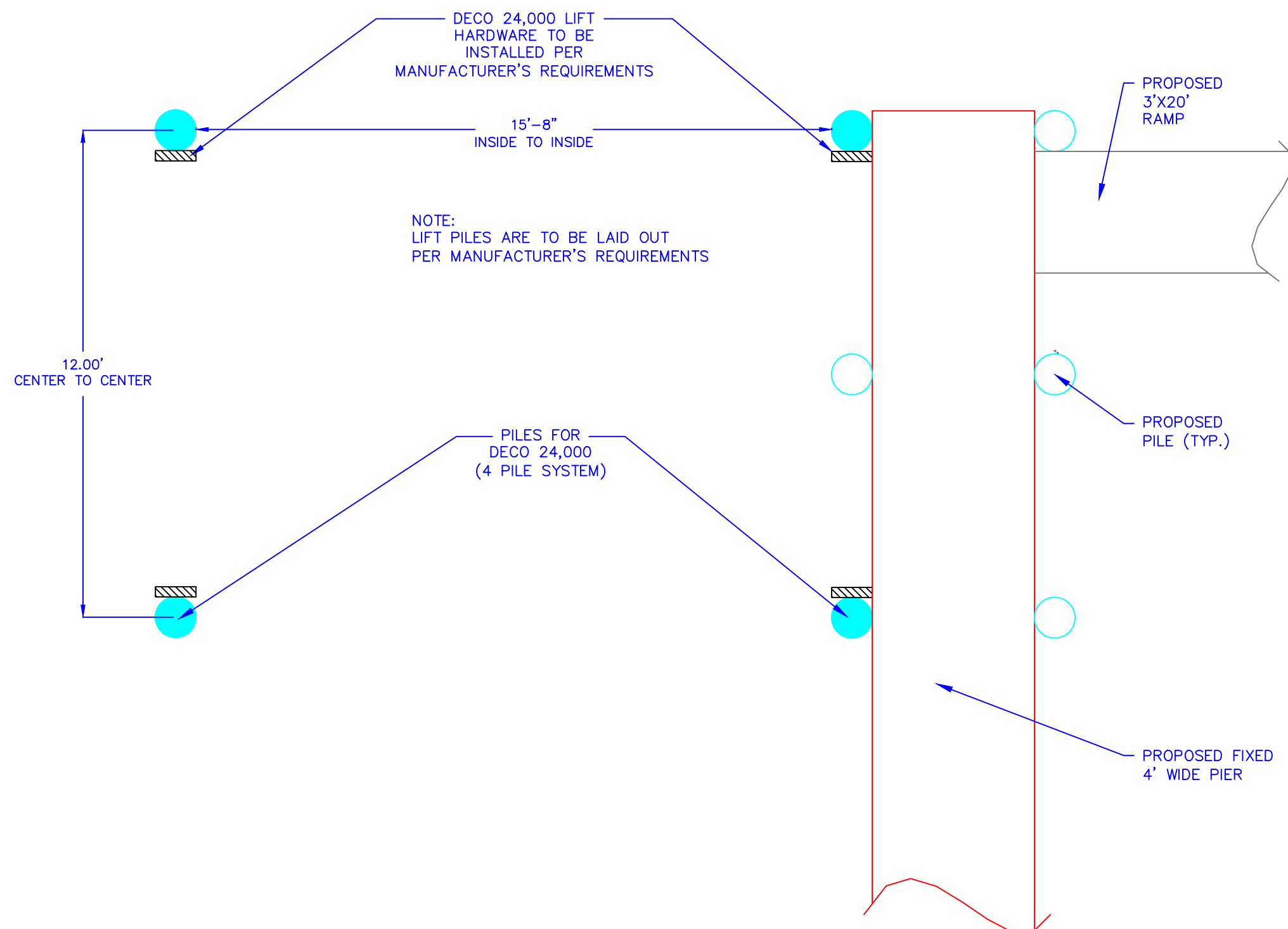


TYPICAL 4 PILE BOAT LIFT SECTION
0' 3' 6' 9'
SCALE: 1"=3'

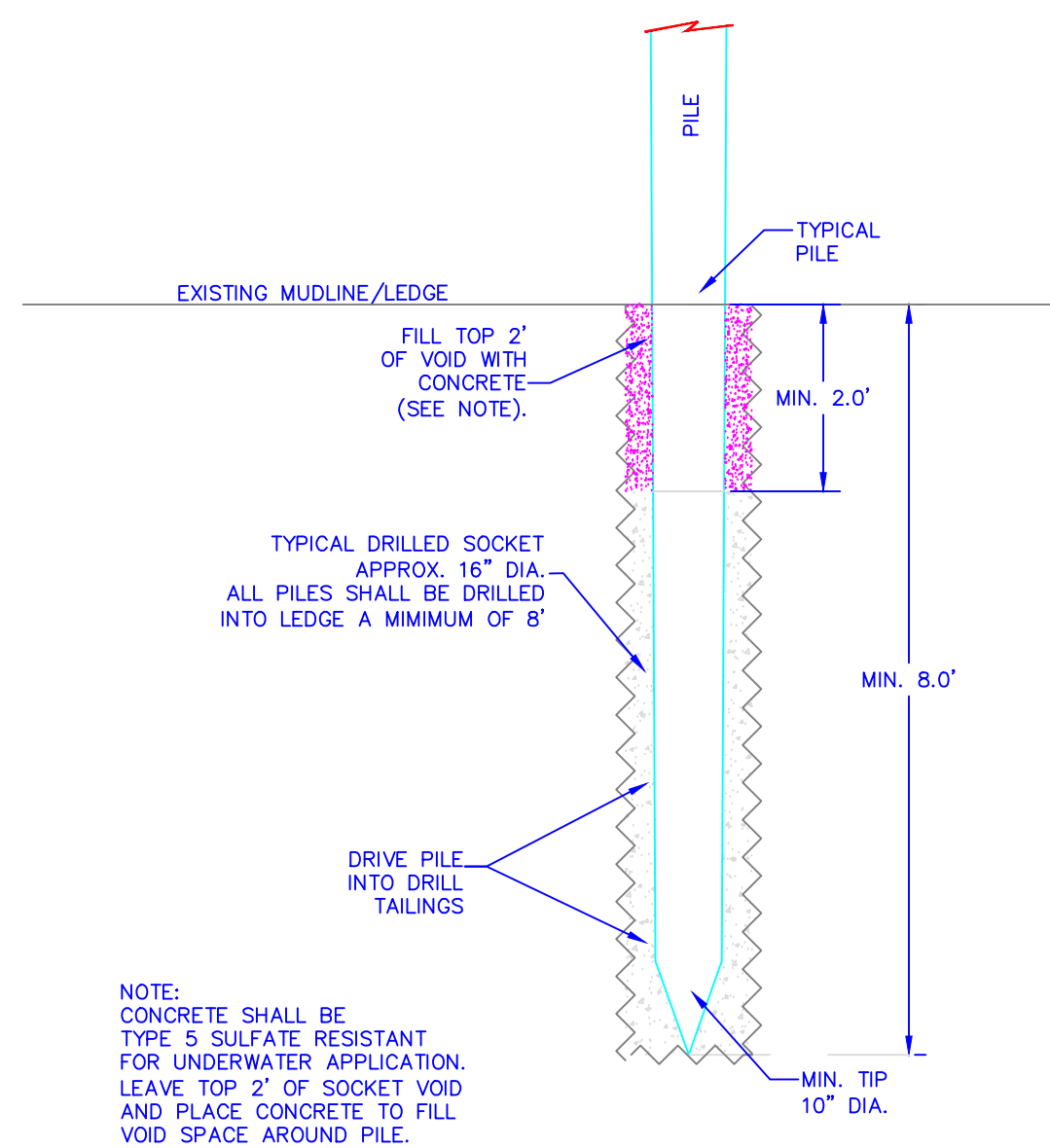
NOTE:
ALL PILES FOR BOAT
LIFT SYSTEMS SHALL
BE DRIVEN TO REFUSAL

REFER TO MANUFACTURER'S
INSTRUCTIONS FOR COMPLETE
INSTALLATION DETAILS.

APPROXIMATE BOAT DRAFT
& GUNWALE HEIGHT MAY BE
DIFFERENT FROM SCHEMATIC.



BOAT LIFT PLAN VIEW
0' 3' 6' 9'
SCALE: 1"=3'



PILE DRILLED INTO LEDGE
NOT TO SCALE

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

INSTALLATION

It is important that the configuration of the supporting members be designed to ensure independent structural integrity prior to installing ThruFlow™. Specifications for ThruFlow™ are available online at www.thruflow.com.

CODES and STANDARDS: Always conform to your local building codes and the requirements of all authorities having jurisdiction.

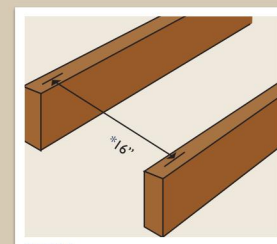
SAFETY: Protective safety equipment is always recommended, e.g. eyewear, safety boots.

FASTENERS: We recommend high quality screws, such as #10, pan head stainless steel screws to take advantage of ThruFlow™ longevity. Pre-drilling is not required, as the holes are molded in with a countersink for your convenience; screws should be clear through the panel and fastened into the structure of your structural frame. Remember not to over-tighten the screws to allow for expansion or contraction.

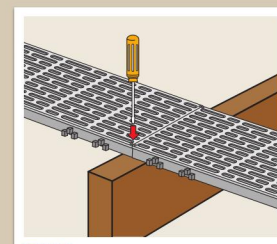
GAPING INSTRUCTIONS: While ThruFlow™ Interlocking Panels will not shrink or swell due to changes in moisture, changes in temperature will cause slight expansion/contraction. Therefore, gaping is required both side-to-side and at the panel ends to allow for thermal expansion/contraction. Rule of Thumb: ThruFlow™ Interlocking Panels should be allowed to grow a minimum of 1/16" in total length (1/32" each end) and 1/32" in total width (1/64" per side) for every 30°F of difference between installation temperature and the hottest temperature expected. In cold climate regions, gaping due to contraction of plastic will occur during colder temperatures in the exact reverse proportions of those described above. Coefficient of Linear Thermal Expansion data for the panels is available at www.thruflow.com on the specifications page.

CONSTRUCTION TIPS

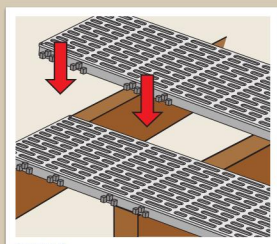
1. If possible, always lay out the panels on your job with a minimum of screws before you completely fasten the panels.
2. To ensure that you do not over tighten screws try using a sheetrock or drywall screw attachment or gun.



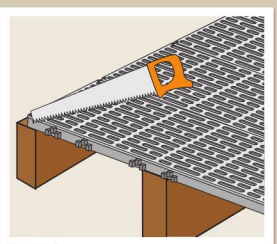
Substructure to be constructed with cross-members equally spaced on 18" centres (3 planks), 16" centres (4 planks) and 15" centres (5 planks).



Lay the first ThruFlow™ panel on the substructure and fasten using a pan head screw. Don't over-tighten screws.



Using the interlocking system, lay the next ThruFlow™ panel and repeat the fastening process.



To finish the installation, remove the last row of interlocking tabs, using any traditional hand or electric saw.

* The above images depict an installation using 4" ThruFlow™ panels with 16" centres.

For more information please visit us online at www.thruflow.com or call 1-88-THRUFLOW

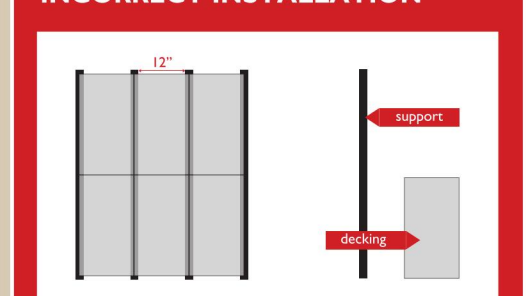
FLOW THRU DECKING PRODUCT INFORMATION

NOT TO SCALE

PRODUCT DATA

Material	Reinforced Polypropylene (ThruFlow™) is lightweight in comparison to other building materials.
Size	1' x 3', 1' x 4', 1' x 5' and 4' x 6'
Load	Exceeds commercial construction requirements
Colours	Light Grey, Seafoam and Maple
Ultraviolet Protection	Industry leading UV protection
Lightweight	On a par to its bulk, ThruFlow™ is 70% lighter than other decking products
Open Design	Unparalleled light penetration and surge protection
Safety	360° engineered non-slip surface
ThruFlow™ Warranty	Limited Warranty

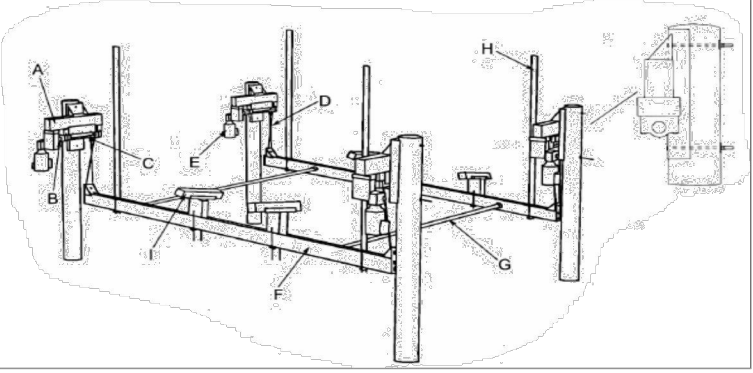
INCORRECT INSTALLATION



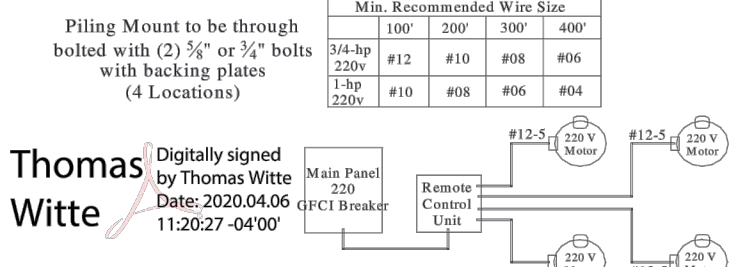
When ThruFlow™ is incorrectly installed the decking may eventually warp or misalign causing the decking to crack and break easily.

DECO Engineering Specs: Beamless Concept CRS Lifts-4 Motor Lifts

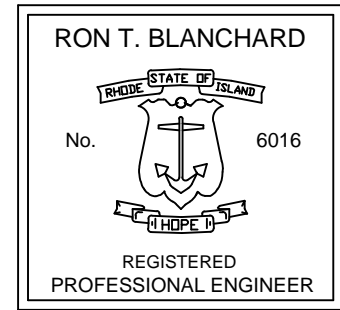
Lift Capacity (lbs)	A				B				C				D				E				F				G				H				I			
	Upper Beams	Drive Shafts	Winders	Cables	Cable Spool	Motors (HP & Voltage (TENV))	GEAR RATIO	Lower Beams	Spinner Pipes	Guide Posts	Checks	Bunk Bore	In. of Lift/Min.	Piling (ft) Size	Through Bolt (Qty) Size																					
4,000	4" x 6" Box 1.5" Thick Sch. 40 Galv. Alum. 1 Part	2"	3/4"	84"	(4) 1/2 HP 240V/7A	250 to 1	1.5" Alum. Thick 10"	Sch. 40 80"	80"	Small-18"	2"x8" 10' Lg.	38"	8"	(4) 8"	(8) 12"																					
6,000	4" x 6" Box 1.5" Thick Sch. 40 Galv. Alum. 1 Part	2"	3/4"	96"	(4) 1/2 HP 240V/7A	250 to 1	1.5" Alum. Thick 11"	Sch. 40 80"	80"	Small or Med-18"	2"x10" 12' Lg.	38"	8"	(4) 8"	(8) 12"																					
10,000	4" x 6" Box 1.5" Thick Sch. 40 Galv. Alum. 2 Part	2"	3/4"	120"	(4) 1/2 HP 240V/7A	250 to 1	1.5" Alum. Thick 11"	Sch. 40 80"	80"	Small or Med-18"	2"x10" 12' Lg.	38"	8"	(4) 8"	(8) 12"																					
13,000	4" x 6" Box 1.5" Thick Sch. 40 Galv. Alum. 2 Part	2"	3/4"	120"	(4) 1/2 HP 240V/7A	300 to 1	1.5" Alum. Thick 12"	Sch. 40 116"	120"	Large-18"	2"x10" 14' Lg.	38"	8"	(4) 8"	(8) 12"																					
16,000	4" x 6" Box 1.5" Thick Sch. 80 Galv. Alum. 2 Part	2"	3/4"	144"	(4) 1 HP 240V/7A	300 to 1	1.5" Alum. Thick 12"	Sch. 40 120"	120"	Large-18"	2"x10" 16' Lg.	38"	8"	(4) 8"	(8) 12"																					
20,000	4" x 8" Box 1.5" Thick Sch. 80 Galv. Alum. 3 Part	2"	3/4"	144"	(4) 1 HP 240V/7A	300 to 1	1.5" Alum. Thick 12"	Sch. 40 120"	120"	Large-18" or 24"	2"x10" 16' Lg.	38"	8"	(4) 8"	(8) 12"																					
24,000	4" x 8" Box 1.5" Thick Sch. 80 Galv. Alum. 3 Part	2"	3/4"	144"	(4) 1 HP 240V/7A	300 to 1	1.5" Alum. Thick 12"	Sch. 40 120"	120"	Large-18" or 24"	2"x10" 16' Lg.	38"	8"	(4) 8"	(8) 12"																					



Note: Structure is designed to withstand 180 mph winds provided boats are not stored on lifts during high wind events and lifts are in full up position. Bottom penetration to be in conformance with local regulations/codes and a minimum of 10" into the substructure. All structural components of DECO Lifts consist of 6061-T6 Marine Grade Aluminum, all fasteners and hardware are 304 Stainless Steel. DECO Power Lift, Inc., 1041 Harbor Lake Dr., Safety Harbor FL 34695 888-204-4178 www.decohoistlift.com



This item has been digitally signed and sealed by Thomas G. Witte, PE on 4/6/2020 using a digital signature. Printed Copies of this document are not considered signed and sealed and the SHA Code must be verified on any electronic copies.



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SITE ENGINEERING INC.
CIVIL • COASTAL • STRUCTURAL

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BOAT LIFT & DETAILS
RESIDENTIAL BOATING FACILITY
PLAT 65, LOT 63
115 AARON AVE.

RHODE ISLAND.

BRISTOL,

SCALE: AS NOTED
(SHEET 3 OF 3)

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