



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: 2019-06-077 Date: December 18, 2020

This office has under consideration the application of:

Edward Tarbox
P.O. Box 1890
North Kingstown, RI 02852

for a State of Rhode Island Assent to construct and maintain: a residential boating facility consisting of a 4'x142' fixed pier leading to a 4'x20' fixed terminal T and boat lift. The facility is proposed to extend 90 feet beyond mean low water achieving a water depth of approximately 4' at its terminus. A variance is required to 650-RICR-20-00-1.3.1(D)(11)(l) for a facility greater than 50 feet beyond mean low water. This is a modification of a previously permitted facility that has not been constructed. The proposed design does not extend any farther seaward than the previously permitted facility.

Project Location:	1300 Warwick Neck Avenue
City/Town:	Warwick
Plat/Lot:	385 / 90
Waterway:	Narragansett Bay

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

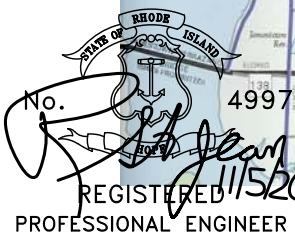
In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

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 January 18, 2021.



RICHARD N. ST. JEAN



ASSENT NO. 2019-06-077
NAE - 2019-01927

Rev.2: Add Dinghy/PWC Lift, T-Dock to L-Dock 11-5-2020
Rev.1: Show Limits of Boat Lift Height 10-8-2019

Received by CRMC
11/16/2020

ST. JEAN ENGINEERING, LLC
Marine and Structural Engineering
209 Arnold Neck Dr. Warwick, RI 02886
Tel: (401)398-0999
st.jean.engineering@verizon.net

1300 WARWICK NECK AVENUE - WARWICK, RHODE ISLAND
LOCUS MAP

LOCATION:
1300 WARWICK NECK AVE
PLAT NO. 385 LOT 90
WARWICK, RHODE ISLAND 02889

APPLICATION BY:
EDWARD & EKATERINA TARBOX
P.O. BOX 1890
NORTH KINGSTOWN, RHODE ISLAND 02852

DATE
November 5, 2020
SHEET
OF
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SCALE IN FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

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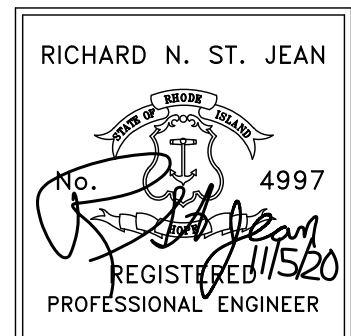
1300 Warwick Neck Avenue, Warwick, Rhode Island
 USGS Map Sections: Bristol, RI Quadrangle & East Greenwich Quadrangle

LOCATION: 1300 WARWICK NECK AVE PLAT NO. 385 LOT 90 WARWICK, RHODE ISLAND 02889	APPLICATION BY: EDWARD & EKATERINA TARBOX P.O. BOX 1890 NORTH KINGSTOWN, RHODE ISLAND 02852
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DATE November 5, 2020
SHEET 2 OF 9

GENERAL NOTES:

1. PROPERTY LINES, TOPOGRAPHY AND BATHYMETRY WERE OBTAINED FROM A FIELD SURVEY PERFORMED BY DAVID A. GARDNER AND ASSOCIATES, INC., DATED AUGUST 10, 2018. THE PROPOSED DOCK SHALL BE LOCATED BASED ON ESTABLISHED PROPERTY CORNERS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY THE INFORMATION PROVIDED ON THIS PLAN.
2. ALL ELEVATIONS HAVE BEEN ADJUSTED TO MEAN LOW WATER (MLLW) UNLESS OTHERWISE NOTED.
3. ANY UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATION AS OBTAINED FROM AVAILABLE PLANS. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES, GRADES, AND DIMENSIONS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY DIG SAFE AND VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
4. ALL WORK SHALL BE IN ACCORDANCE WITH THE LOCAL, STATE AND FEDERAL PERMIT REQUIREMENTS, INCLUDING ALL PERMIT STIPULATIONS.
5. THE CONTRACTOR SHALL PROVIDE THE ENGINEER AND OWNER WITH AS-BUILT DRAWINGS SHOWING THE ACTUAL LOCATION OF ANY UTILITIES INSTALLED UNDER THIS CONTRACT. IN ADDITION TO AS-BUILT DRAWINGS THE CONTRACTOR SHALL SUPPLY, PILE DRIVING RECORDS NOTING: TYPES OF PILE USED, LENGTH OF UN-DRIVEN PILES, PRESSURE TREATMENT, DEPTH OF DRIVING, CUT OFF LENGTH, AND IF ANY DRIVING OBSTRUCTIONS WERE ENCOUNTERED WHICH LIMITED DRIVING DEPTH. IN ADDITION TO PILE INFORMATION THE CONTRACTOR SHALL SUPPLY THE ENGINEER AND OWNER WITH MEMBER SIZES, LUMBER GRADES, PRESSURE TREATMENT STANDARDS, AND TYPES OF BOLTING MATERIAL AND HARDWARE USED FOR THE TIMBER FRAMING OF THE FIXED PIER AND FLOATING DOCKS.
6. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION. REPORT TO THE ENGINEER ALL OBSERVATIONS AND DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.



REVIEW OF THE FLOOD INSURANCE RATE MAP FOR KENT COUNTY, RHODE ISLAND, MAP NO. 44003C0142H, EFFECTIVE DATE SEPTEMBER 18, 2013 INDICATES THAT THE LANDSIDE PROPERTY IS LOCATED IN A X FLOOD ZONE. THE DOCK STRUCTURE WILL BE LOCATED IN A VE ZONE WITH A BASE ELEVATION OF 17. THE FIRM MAP IS REFERENCED TO THE NATIONAL AMERICAN VERTICAL DATUM OF 1988. SEE PLAN FOR OTHER ZONE DESIGNATIONS.

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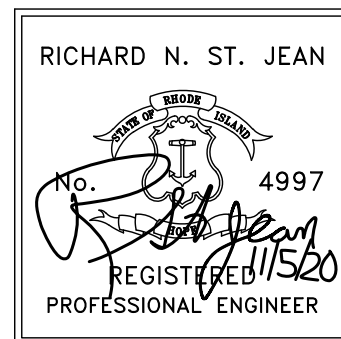
St. Jean Engineering, LLC Civil and Structural Engineering 209 Arnold Neck Drive, Warwick, RI 02886 Tel: (401)398-0999 st.jean.engineering@verizon.net	NEW RESIDENTIAL DOCK GENERAL NOTES		DATE November 5, 2020
	LOCATION: 1300 WARWICK NECK AVE. PLAT NO. 385 LOT 90 WARWICK, RHODE ISLAND 02889	APPLICATION BY: EDWARD & EKATERINA TARBOX P.O. BOX 1890 NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF 3 9

PILE NOTES

1. ALL NEW PILES SHALL CONFORM WITH THE FOLLOWING :

- TIMBER, GREENHEART UNTREATED
- GREENHEART TIMBER PILING CONFORMING TO THE FOLLOWING MINIMUM ALLOWABLE STRESSES AS DETERMINED IN ACCORDANCE WITH ASTM D-2899

COMPRESSION PARALLEL TO THE GRAIN, F_c - 3,400 PSI
EXTREME FIBER STRESS IN BENDING F_b - 3,785 PSI
HORIZONTAL SHEAR F_v - 370 PSI
COMPRESSION PERPENDICULAR TO THE GRAIN F_c - 850 PSI



2. PILES SHALL CONFORM TO THE PHYSICAL CHARACTERISTICS OF ROUND TIMBER PILES AS DESCRIBED IN ASTM D-25. MINIMUM BUTT DIAMETER SHALL BE 12", MINIMUM TIP DIAMETER SHALL BE 10".

- SEE PLANS FOR CUT OFF ELEVATIONS.
- PILES SHALL BE CLEARLY AND PERMANENTLY BRANDED IN TWO PLACES APPROXIMATELY 5 AND 10 FEET FROM THE BUTT. THE BRAND SHALL IDENTIFY SPECIES, CLASS AND LENGTH, PRESERVATIVE, RETENTION, SUPPLIER, AND MONTH AND YEAR OF TREATMENT.

3. PILE TOLERANCES:

- BUTT MUST BE WITHIN 2" OF HORIZONTAL LOCATION.

4. CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 48 HOURS IN ADVANCE PRIOR TO DRIVING PILES. CONTRACTOR SHALL STOP DRIVING PILE IF A LOSS OF DRIVING RESISTANCE IS NOTED WITHIN THE LAST 4 FEET OF DRIVING AND NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK ON THE PILE BEING DRIVEN.

5. CONTRACTOR MAY USE STEEL DRIVING POINTS ON PILES TO ACHIEVE REQUIRED EMBEDMENT.

TIMBER FRAMING NOTES

1. ALL TIMBER WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL FOREST PRODUCTS ASSOCIATION NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

2. ALL TIMBER FRAMING SHALL BE STRESS GRADED LUMBER HAVING THE FOLLOWING STRUCTURAL PROPERTIES (U.O.N.):

- SOUTHERN YELLOW PINE: (#1 OR BETTER)
 F_b = 1,200 PSI
 F_v = 80 PSI

DECK PLANKS TO BE 3x8 - #1 GRADE

3. ALL FRAMING SHALL BE TREATED WITH WOOD PRESERVATIVE (PRESSURE TREATMENT): FS TT-W-571 AWPA TREATMENT C2 USING CHROMATED COPPER ARSENATE (0.6 CCA). ALL HOLES AND CUTS SHALL BE DRESSED WITH CCA. CROSS BRACING SHALL BE TREATED USING 2.5 CCA.

4. ALL THREADED FASTENERS AND ANCHORS SHALL BE HOT DIPPED GALVANIZED STEEL FOR EXTERIOR, HIGH HUMIDITY (MARINE ENVIRONMENT), AND TREATED WOOD LOCATIONS. BOLTS SHALL CONFORM TO A307 GRADE A W/HEAVY HEX NUTS AND HOT DIPPED GALVANIZED (HDG) STEEL WASHERS. BOLT HOLES SHALL BE A MAXIMUM OF $\frac{1}{16}$ " LARGER THAN BOLT DIAMETER SPECIFIED. CLIPS, HANGERS, ANGLES AND OTHER HARDWARE REQUIRING FABRICATION SHALL BE FABRICATED COMPLETE WITH HOLES AND WELDING PRIOR TO HOT DIP GALVANIZING.

5. ALL NAILS SHALL BE 30D - 4 GAUGE GRADE 316 STAINLESS STEEL OR SILICON BRONZE UNLESS OTHERWISE SPECIFIED. PRE-DRILL $\frac{3}{16}$ " HOLES FOR 4 GAUGE NAILS THROUGH TOP PLY ONLY.

6. ALL TIMBER SIZES ARE NOMINAL UNLESS OTHERWISE NOTED.

7. DECKING SHALL BE FASTENED USING 4" LONG STAINLESS STEEL SQUARE DRIVE DECK SCREWS OR EQUIVALENT.

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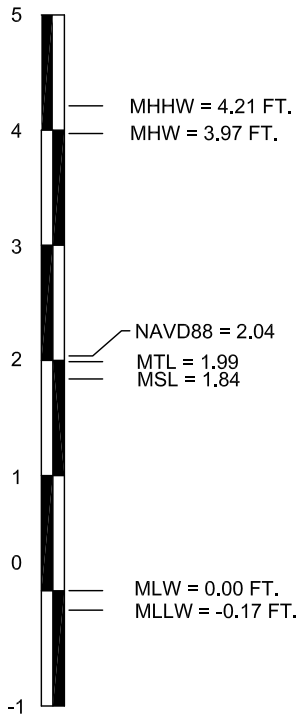
St. Jean
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NEW RESIDENTIAL DOCK TIMBER NOTES

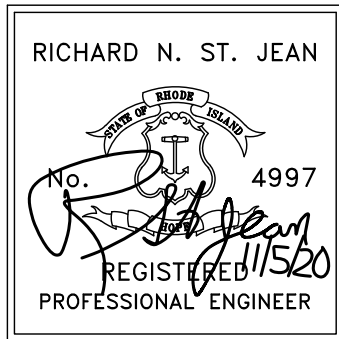
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ELEVATION INFORMATION
INTERPOLATED BETWEEN
STA. 845-4000 & 845-4049



ABBREVIATIONS

U. O. N.	UNLESS OTHERWISE NOTED
N. T. S.	NOT TO SCALE
I. A. W.	IN ACCORDANCE WITH
TYP.	TYPICAL
R & D	REMOVE AND DISPOSE
BIT.	BITUMINOUS CONCRETE
F. F.	FINISH FLOOR
T. O. F.	TOP OF FOUNDATION
M. P. L.	MARINA PERIMETER LINE
S.J.E.	ST. JEAN ENGINEERING LLC
S. F.	SQUARE FOOT

LEGEND

	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING SEWER
	PROPOSED SEWER
	EXISTING WATER LINE
	PROPOSED WATER LINE
	EXISTING GAS LINE
	EXISTING MANHOLE
	PROPOSED MANHOLE
	EXISTING CATCH BASIN
	EXISTING BUILDING
	PROPOSED BUILDING
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	EXISTING STONE WALL
	EXISTING FENCE LINE
	EXISTING HYDRANT
	EXISTING POLE #5
	SHORE LINE
	SITE LIGHTING
	PROPERTY LINE

EXTG.	EXISTING
SMH	SEWER MANHOLE
DMH	DRAINAGE MANHOLE
MIN.	MINIMUM
HDG	HOT DIPPED GALVANIZED
SS	STAINLESS STEEL

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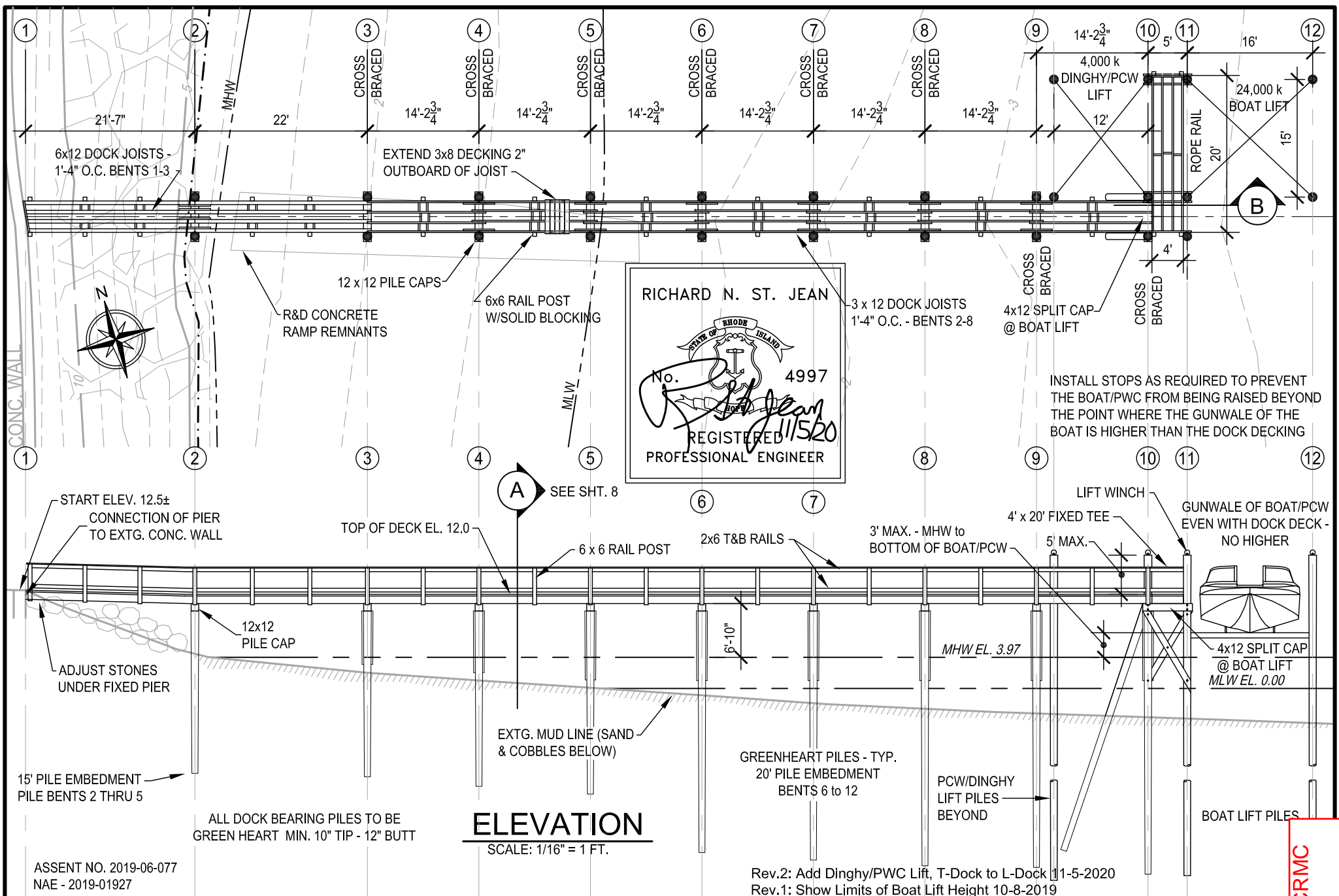
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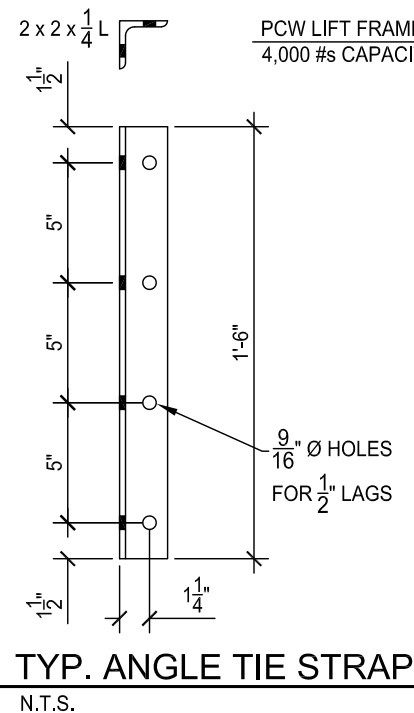
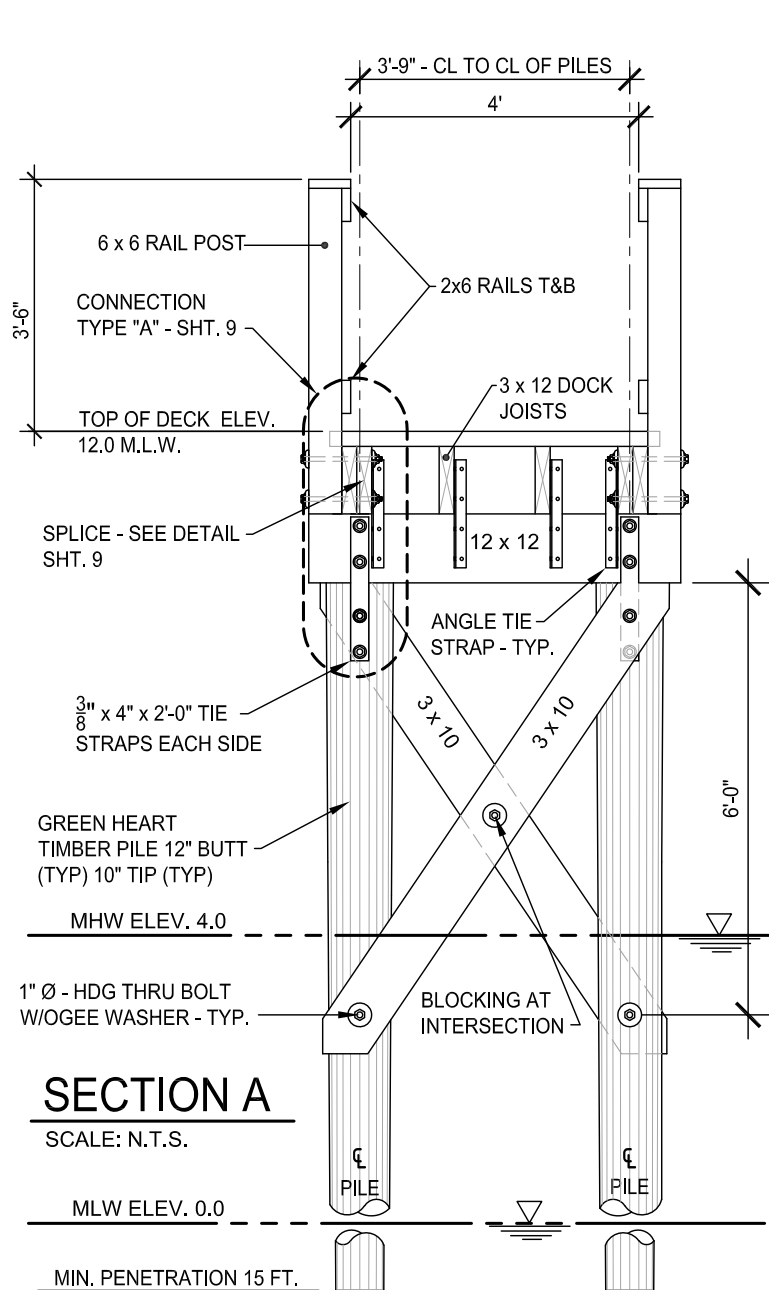


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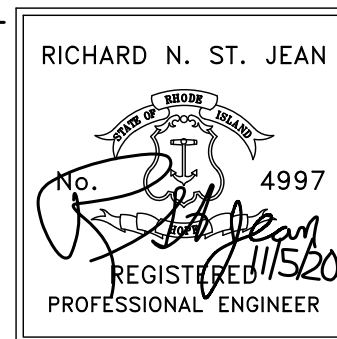
PROPOSED RESIDENTIAL DOCK		
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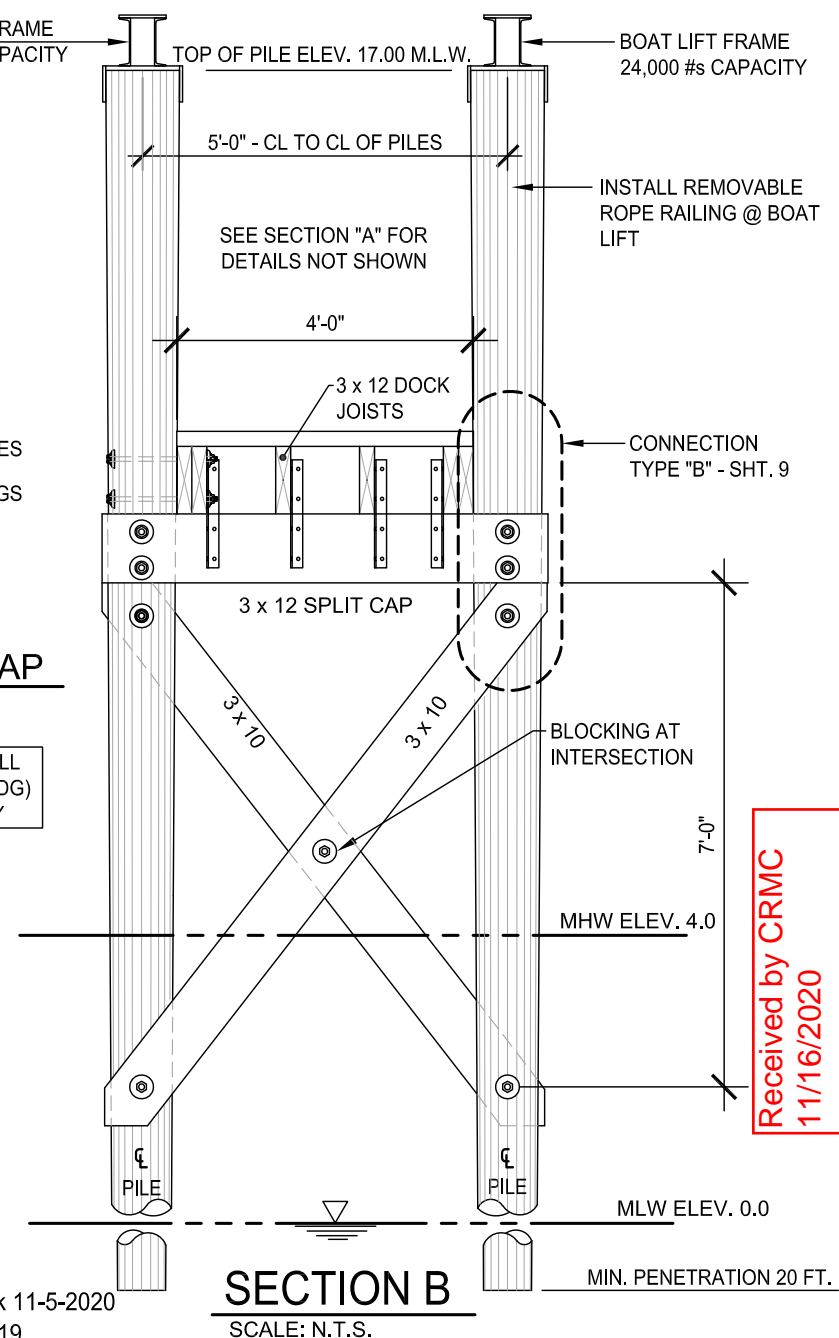
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ALL STEEL FABRICATIONS SHALL BE HOT DIPPED GALVANIZED (HDG) AFTER COMPLETE ASSEMBLY



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PROPOSED RESIDENTIAL DOCK - SECTIONS

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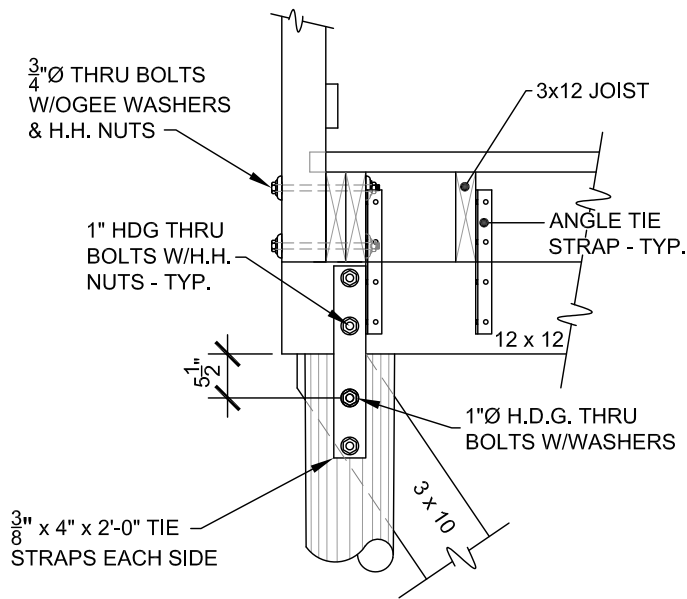
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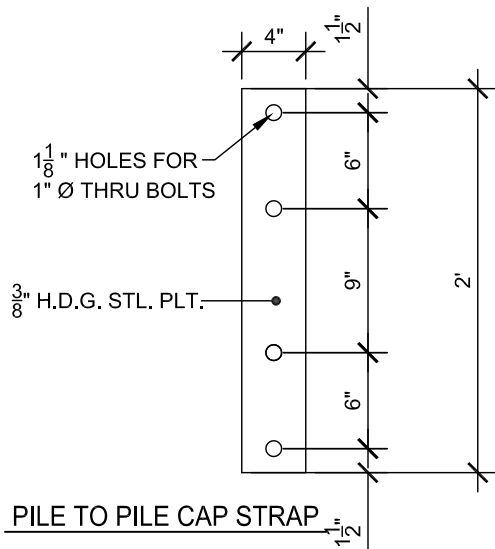
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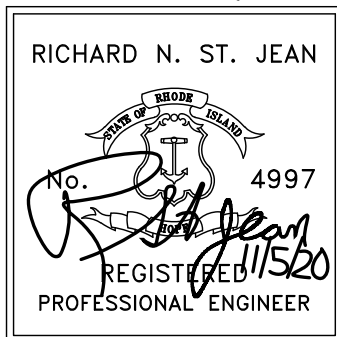
SHEET 8 OF 9



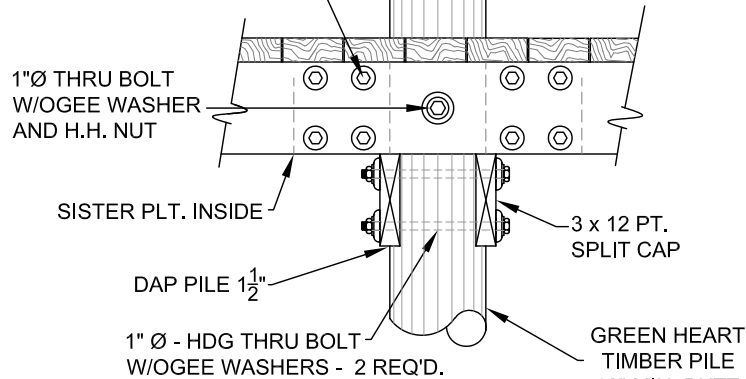
ELEVATION
CONNECTION TYPE "A"
AT BOAT LIFT - PILE BENTS 2 to 6



PILE TO PILE CAP STRAP

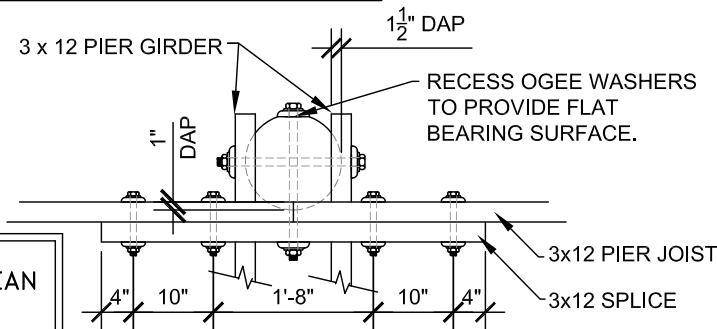


SISTER 4'-0" 3x12 - 2 FT. EACH
 SIDE OF JOINT & THRU BOLT
 W/4 - 3/4" HDG BOLTS ON EACH
 SIDE W/OGEE WASHERS



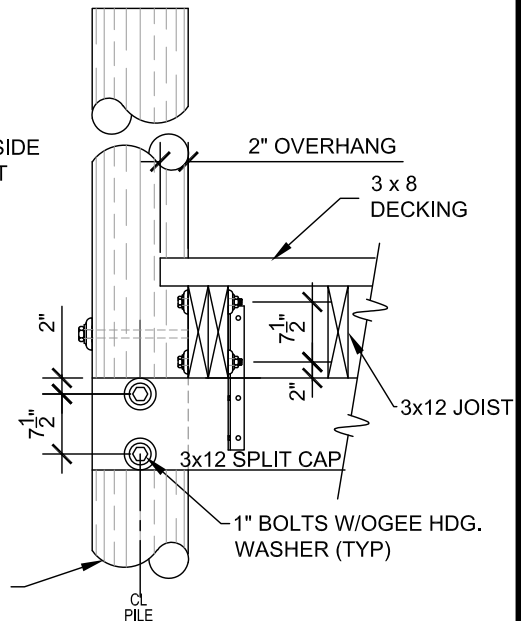
ELEVATION LKG SOUTH

ALL STEEL FABRICATIONS SHALL
 BE HOT DIPPED GALVANIZED (HDG)
 AFTER COMPLETE ASSEMBLY

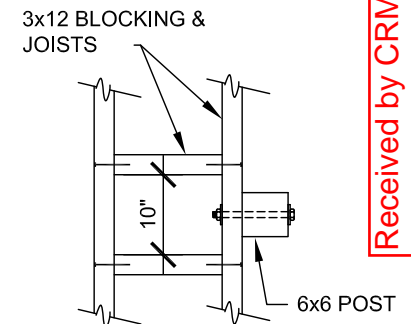


PLAN VIEW

CONNECTION TYPE "B"
AT BOAT LIFT - PILE BENTS 7 & 8



ELEVATION LKG. EAST



PLAN VIEW OF BLOCKING
@ RAILING POSTS

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