



**US Army Corps
of Engineers®**
New England District
696 Virginia Road
Concord, MA 01742-2751

PUBLIC NOTICE

Comment Period Begins: April 12, 2022
Comment Period Ends: May 12, 2022
File Number: NAE-2021-00701
In Reply Refer To: Christopher L. Veinotte
Phone: (978) 318-8495
E-mail: Christopher.L.Veinotte@usace.army.mil

The District Engineer has received a permit application to conduct work in waters of the United States from Paraport, LLC/Perry Mill Marina, LLC, 334 Knight St STE 11201, Warwick, RI. This work is proposed in Newport Harbor at Perry Mill Wharf, Newport, RI. The site coordinates are: Latitude 41.484234, Longitude - 71.317100.

The work involves the installation of 713' of 10' wide floating docks, 58' of 6' floating docks, 58' of 14' wide floating docks, and (3) ramps for floating dock access. Also, the reconstruction of the existing 95' long by 47' wide timber wharf. The total number of slips will be 24 and the footprint of all the structures is approximately 21,825 SF. This project is to establish a new commercial boating facility at this location. The project purpose is to provide a recreational service to the area by establishing docking slips.

The work is shown on the enclosed plans entitled "PERRY MILL MARINA, LLC PERRY – MILL WHARF RE-DEVELOPMENT," on 14 sheets, and dated "FEBRUARY 17, 2021, REVISED 8-30-2021." The work is also shown on the enclosed plans entitled "PERRY MILL WHARF – WHARF RECONSTRUCTION," on 5 sheets, and dated "JULY 19, 2021."

No compensatory mitigation has been proposed for this project. Special conditions will be included in the permit authorization to minimize impacts to Endangered Species Act listed species and essential fish habitat in the project area.

AUTHORITY

Permits are required pursuant to:

- ☒ Section 10 of the Rivers and Harbors Act of 1899
- ☐ Section 404 of the Clean Water Act
- ☐ Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers, New England District (USACE), is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The USACE will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ESSENTIAL FISH HABITAT

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). Essential Fish Habitat describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity.

This project will impact .5 acres of EFH. This habitat consists of silty substrate. Loss of this habitat may adversely affect species that use these waters and substrate. However, the District Engineer has made a preliminary determination that the site-specific adverse effect will not be substantial. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

NATIONAL HISTORIC PRESERVATION ACT

Based on his initial review, the District Engineer has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Additional review and consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

ENDANGERED SPECIES CONSULTATION

The USACE has reviewed the application for the potential impact on Federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect a listed species or their critical habitat. We are coordinating with the National Marine Fisheries Service and/or U.S. Fish and Wildlife Service on listed species under their jurisdiction and the ESA consultation will be concluded prior to the final decision.

OTHER GOVERNMENT AUTHORIZATIONS

The states of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable, the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management

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FILE NO. NAE-2021-00701

Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, license or assent from State.
- (X) Permit from local wetland agency or conservation commission.
- () Water Quality Certification in accordance with Section 401 of the Clean Water Act.

COMMENTS

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact Christopher L. Veinotte at (978) 318-8495, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The USACE holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

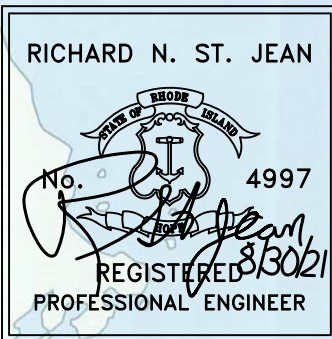
The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Robert J. DeSista
Chief, Policy and Technical Support Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil.



**PROJECT
LOCATION**

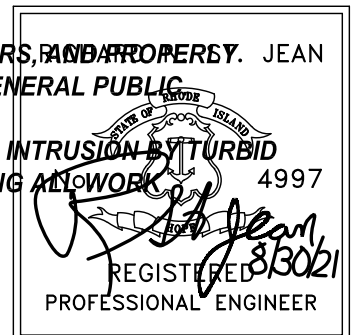


1. Revised to issue for USACE Public Notice. 8-30-2021

St. Jean Engineering, LLC Civil, Marine & Structural Consulting Engineering	Perry Mill Marina, LLC Perry Mill Wharf Re-Development Locus Map		DATE February 17, 2021
209 Arnold Neck Drive Warwick, Rhode Island 02886 Ph: 401.398.0999 email: st.jean.engineering@verizon.net	LOCATION: AP 27, Lot 269 Newport Harbor Perry Mill Wharf Newport, Rhode Island	APPLICATION BY: Perry Mill Marina, LLC 334 Knight Street, Suite 11201 Warwick, Rhode Island 02886	SHEET OF 2 14

GENERAL NOTES:

1. SURVEY INFORMATION SHOWN WAS TAKEN FROM PLAN ENTITLED: "PROPERTY BOUNDARY SURVEY PLAN, A.P. 27, LOT 269, THAMES STREET, NEWPORT, RHODE ISLAND" PREPARED BY NORTHEAST ENGINEERS & CONSULTANTS, INC., 55 CLARKE ROAD, MIDDLETOWN RHODE ISLAND 02842. PLAN DATED 10/31/2019. THIS PLAN WAS PRODUCED TO PERMIT THE DOCK LAYOUT ONLY. REFER TO THE NORTHEAST ENGINEERS PLAN FOR ALL SURVEY INFORMATION.
2. BATHYMETRY WAS SURVEYED BY NATIONAL LAND SURVEYORS AND DEVELOPERS IN THE MONTH OF NOVEMBER, 2020.
3. ANY UTILITIES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM FIELD SURVEYS BY OTHERS. THE SURVEYOR OR ENGINEER MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH OR ABANDONED. THE SURVEYOR OR ENGINEER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM ALL AVAILABLE INFORMATION. (PLEASE CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION AT PHONE NO.1-888-DIG-SAFE AND/OR ALL LOCAL UTILITY COMPANIES.)
4. THE HORIZONTAL DATUM FOR THIS PROJECT IS THE R.I.S.P.C.S. (NAD 83). THE VERTICAL DATUM IS NAVD 88.
5. ALL WORK SHALL BE IN ACCORDANCE WITH THE LOCAL, STATE, FEDERAL, AND UTILITY COMPANY REQUIREMENTS.
6. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION. REPORT TO ENGINEER ALL OBSERVATIONS AND DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.
7. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE CRMC ASSENT AND ARMY CORPS APPROVAL ON SITE.
8. THE CONTRACTOR SHALL ADHERE TO ALL PERMIT STIPULATIONS.
9. IF DURING THE COURSE OF WORK UNFORESEEN CONDITIONS ARE ENCOUNTERED THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER OF RECORD IMMEDIATELY FOR DISPOSITION.
10. ANY DAMAGE TO ANY PROPERTY, PRIVATE OR OF PUBLIC TRUST, OCCURRING DURING THE CONSTRUCTION BY THE CONTRACTOR, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
11. THE CONTRACTOR SHALL SAFEGUARD AND PROTECT ALL EXCAVATIONS.
12. THE CONTRACTOR SHALL USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
13. THE CONTRACTOR SHALL USE EQUIPMENT ADEQUATE IN SIZE, CAPACITY, AND NUMBERS, AND PROPERLY MAINTAINED WITH REGARD TO THE SAFETY OF OPERATOR, OTHER WORKMEN, AND GENERAL PUBLIC.
14. THE CONTRACTOR SHALL PROTECT ALL WETLANDS AND COASTAL RESOURCES FROM INTRUSION BY TURBID WATERS, CONSTRUCTION DEBRIS, CONSTRUCTION EQUIPMENT, OR PERSONNEL DURING ALL WORK ACTIVITIES.



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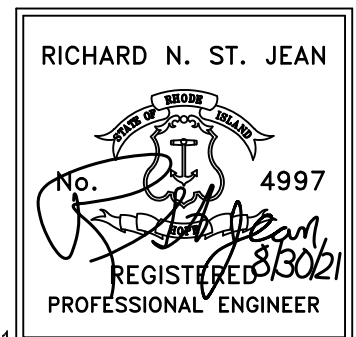
St. Jean Engineering, LLC Civil, Marine & Structural Consulting Engineering 209 Arnold Neck Drive Warwick, Rhode Island 02886 Ph: 401.398.0999 email: st.jean.engineering@verizon.net	Perry Mill Marina, LLC Perry Mill Wharf Re-Development General Notes 1 of 2 LOCATION: AP 27, Lot 269 Newport Harbor Perry Mill Wharf Newport, Rhode Island APPLICATION BY: Perry Mill Marina, LLC 334 Knight Street, Suite 11201 Warwick, Rhode Island 02886	DATE February 17, 2021 SHEET OF 3 14
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GENERAL NOTES CONTINUED:

15. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS, LICENSES, CERTIFICATES OF INSPECTION, AND PAY ALL LEGAL FEES IN CONNECTION WITH THE WORK OF THIS CONTRACT. THE OWNER HAS OBTAINED NECESSARY REGULATORY PERMITS REQUIRED FOR THE WORK IN REGULATED AREAS. THE CONTRACTOR SHALL REQUEST COPIES OF THOSE REGULATORY PERMITS AND MAKE PROVISION IN THIS WORK AND IN THE COST OF THE WORK FOR ALL APPLICABLE CONDITIONS OF THOSE PERMITS. FAILURE TO CONSIDER ANY CONDITION OF THE REGULATORY PERMITS AS A PART OF THE BID SHALL NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO APPLY THOSE CONDITIONS TO HIS WORK AT NO ADDITIONAL COST TO THE OWNER.
16. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT FROM DAMAGE ALL UTILITIES, UTILITY STRUCTURES, FUEL LINES & TANKS OR ANY UNKNOWN UTILITIES OR STRUCTURES PRIOR TO ANY WORK.
17. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE ALL LANDSCAPING, INCLUDING BUT NOT LIMITED TO LAWN, TREES, PLANTINGS, FENCES, ETC. DAMAGED BY THE CONTRACTOR DURING THE COURSE OF THE PROJECT.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT & POSITIONING OF ALL PROPOSED STRUCTURES AS SHOWN ON THE PROJECT DRAWINGS.
19. CONTRACTOR SHALL REMOVE EXCESS MATERIALS AND DISPOSE OFFSITE.
20. CONTRACTOR SHALL NOT STORE ANY MATERIALS BELOW MHW ELEVATION.
21. PROTECT OPEN EXCAVATIONS AND STOCKPILED SOIL FROM EROSION.

REFERENCE PLANS/DOCUMENTS:

1. BATHYMETRIC SURVEY PREPARED BY NATIONAL SURVEYORS-DEVELOPERS, INC., NOVEMBER 2019.
2. PROPERTY BOUNDARY SURVEY, A.P. 27, LOT 269, THAMES STREET, PREPARED BY NORTHEAST ENGINEERS & CONSULTANTS, INC., DATED OCTOBER 31, 2019.
3. FEMA FLOOD INSURANCE STUDY 44005CV000B, NEWPORT COUNTY, RI, DATED SEPTEMBER 4, 2013, MAP PANEL NO. 44005C0177J, DATED SEPTEMBER 4, 2013.
4. RHODE ISLAND STATE BUILDING CODE, SBC-1
5. RI CODE OF REGULATIONS RICR - RED BOOK - 650-RICR-20-00-01
6. COASTAL CONSTRUCTION MANUAL, FEMA 55



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St. Jean Engineering, LLC Civil, Marine & Structural Consulting Engineering 209 Arnold Neck Drive Ph: 401.398.0999 Warwick, Rhode Island 02886 email: st.jean.engineering@verizon.net	Perry Mill Marina, LLC Perry Mill Wharf Re-Development General Notes 2 of 2 LOCATION: AP 27, Lot 269 Newport Harbor Perry Mill Wharf Newport, Rhode Island APPLICATION BY: Perry Mill Marina, LLC 334 Knight Street, Suite 11201 Warwick, Rhode Island 02886	DATE February 17, 2021 SHEET OF 4 14
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LEGEND

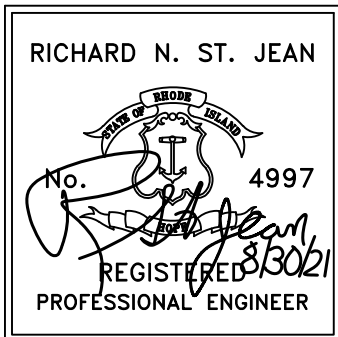
	BOUNDARY
	BOUNDARY PROPOSED
	BOUNDARY TO BE ABANDONED
	ABUTTER
	MAJOR CONTOUR
	MINOR CONTOUR
	STONEWALL
	TREELINE
	WETLANDS EDGE
	50' PERIMETER WETLAND
	100' RIVERBANK WETLAND
	200' RIVERBANK WETLAND
	200' ISDS HDROLOGIC LINE
	STREAM
	BUILDING ENVELOPE
	TELECOMMUNICATION LINE
	GAS LINE
	DRIANAGE LINE
	SEWER LINE
	WATER LINE
	ELECTRIC LINE
	ZONE BOUNDARIES
	SOIL EVALUATION HOLE
	LEDGE PROBE
	IRON PIN
	BOUND
	DRILL HOLE
	WELL
	UTILITY POLE
	WATER VALVE
	GAS VALVE
	HYDRANT

4	MHHW = 3.70 FT.
3	MHW = 3.46 FT.
2	NAVD88 = 1.91 FT.
1	MTL = 1.73 FT.
0	MSL = 1.60 FT.
-1	NGVD29 = 1.04 FT.
	MLW = 0.00 FT.
	MLLW = -0.14 FT.
DATUM INFORMATION	

INFORMATION FOR NOAA TIDAL ELEVATION
STATION 8452660 LOCATED IN NEWPORT,
RHODE ISLAND - VERTICAL DATUM IS NAVD88

ABBREVIATIONS

N. I. C.	NOT IN CONTRACT	T. O. F.	TOP OF FOUNDATION
U. O. N.	UNLESS OTHERWISE NOTED	M. P. L.	MARINA PERIMETER LINE
N. T. S.	NOT TO SCALE	S. J. E.	ST. JEAN ENGINEERING, LLC
I. A. W.	IN ACCORDANCE WITH	S. F.	SQUARE FOOT
TYP.	TYPICAL	A. P.	ASSESSORS PLAT
R & D	REMOVE AND DISPOSE	EXTG.	EXISTING
BIT.	BITUMINOUS CONCRETE	SMH	SEWER MANHOLE
N/F	NOW OR FORMERLY	DMH	WATER MANHOLE
F. F.	FINISH FLOOR	MIN.	MINIMUM



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St. Jean Engineering, LLC
Civil, Marine & Structural
Consulting Engineering

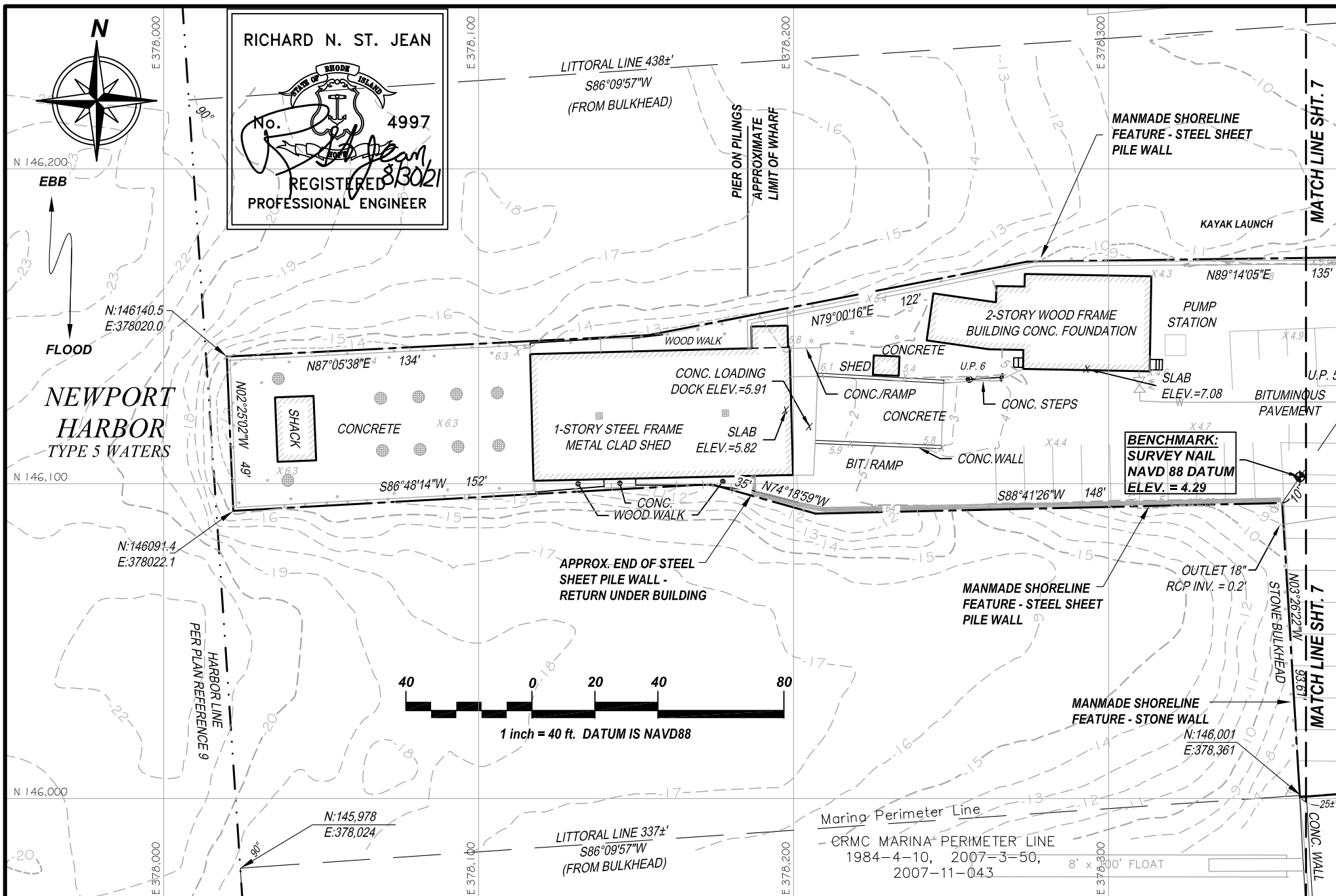
209 Arnold Neck Drive
Ph: 401.398.0999
Warwick, Rhode Island 02886
email: st.jean.engineering@verizon.net

Perry Mill Marina, LLC
Perry Mill Wharf Re-Development
Legend & Datum

LOCATION: AP 27, Lot 269
Newport Harbor
Perry Mill Wharf
Newport, Rhode Island

APPLICATION BY:
Perry Mill Marina, LLC
334 Knight Street, Suite 11201
Warwick, Rhode Island 02886

DATE
February 17, 2021
SHEET OF
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St. Jean Engineering, LLC
 Civil, Marine & Structural
 Consulting Engineering

209 Arnold Neck Drive
 Ph: 401.398.0999

Warwick, Rhode Island 02886
 email: st.jean.engineering@verizon.net

Perry Mill Marina, LLC Perry - Mill Wharf Re-Development
Existing Conditions Plan 1 of 2

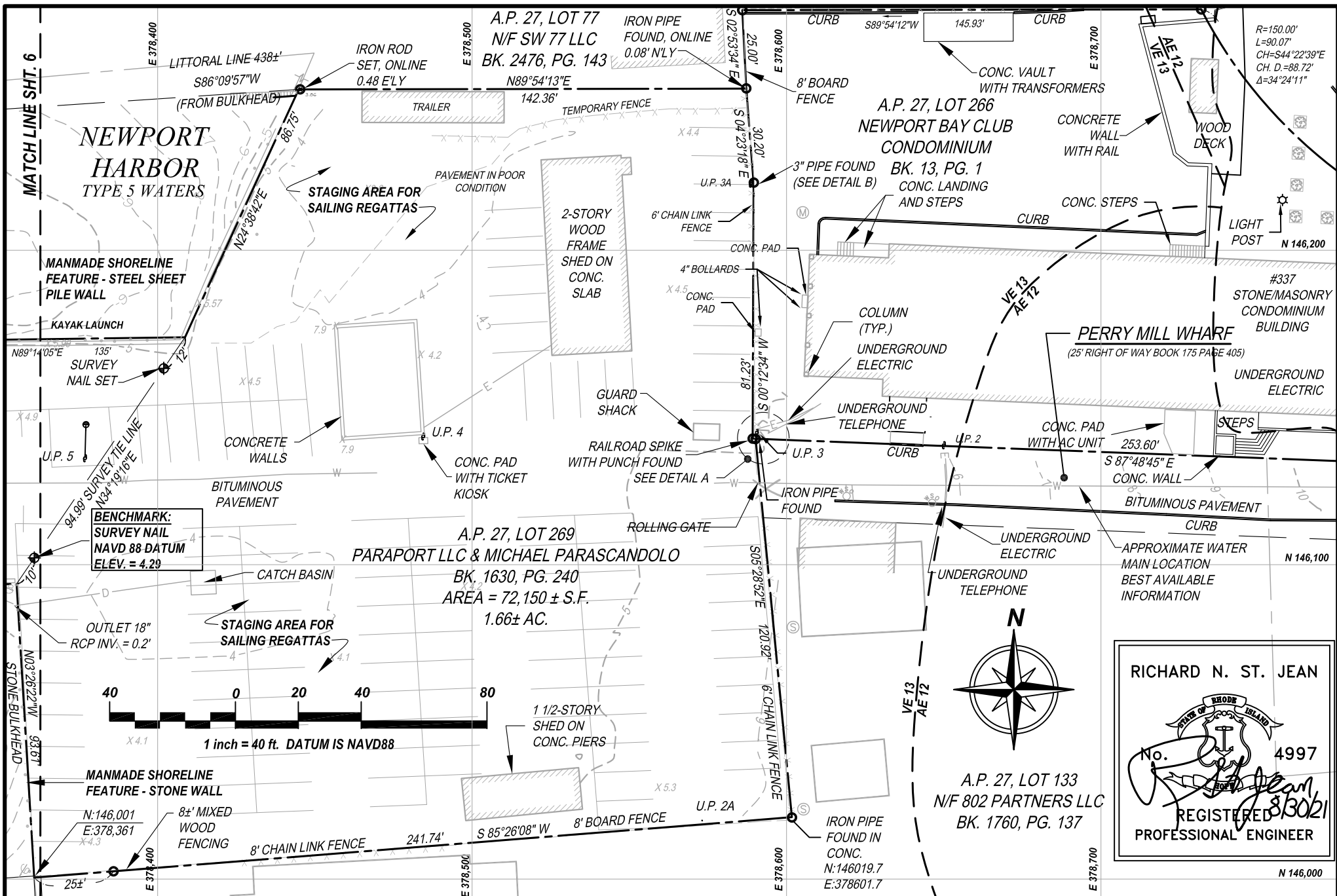
LOCATION: AP 27, Lot 269
 Newport Harbor
 Perry Mill Wharf
 Newport, Rhode Island

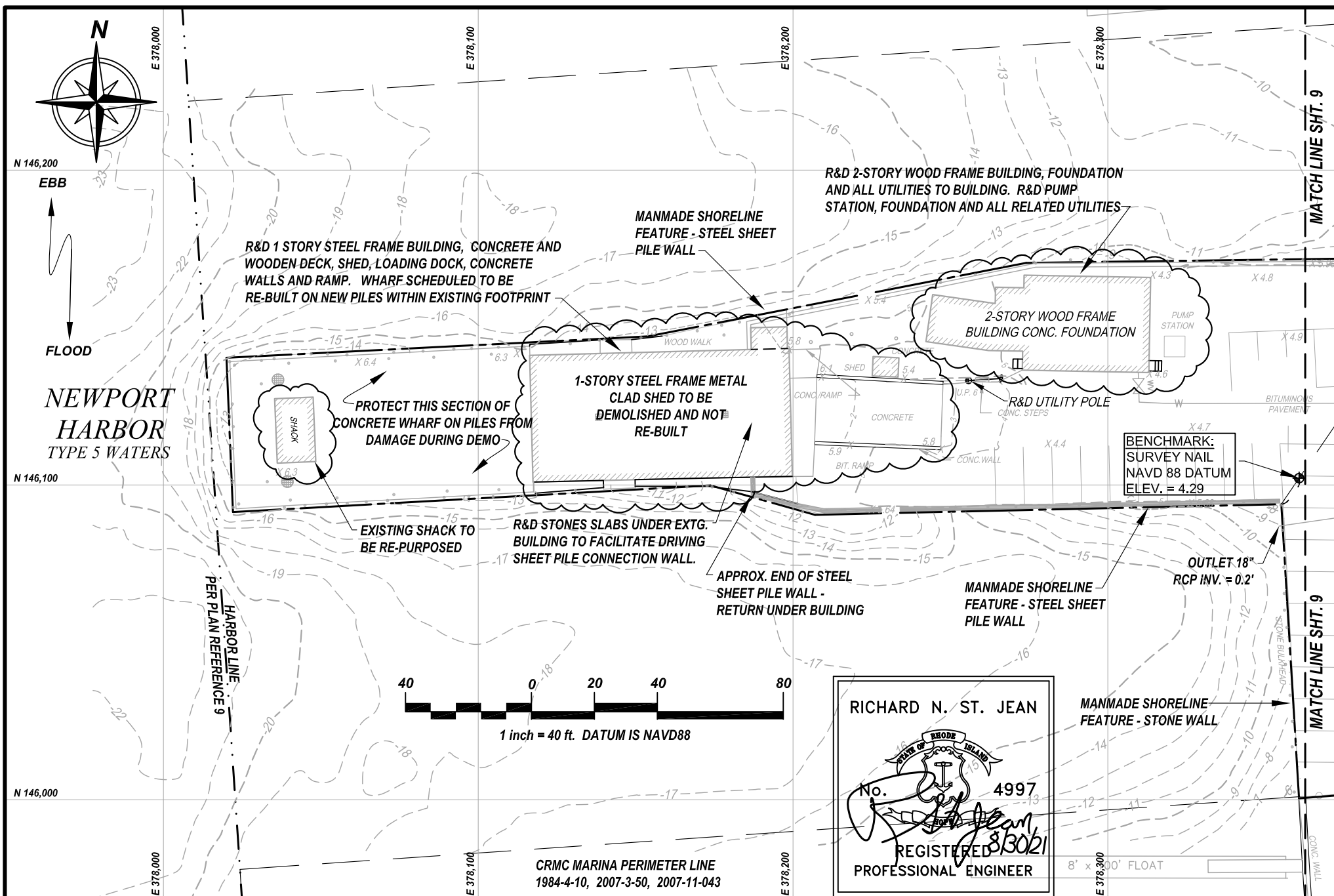
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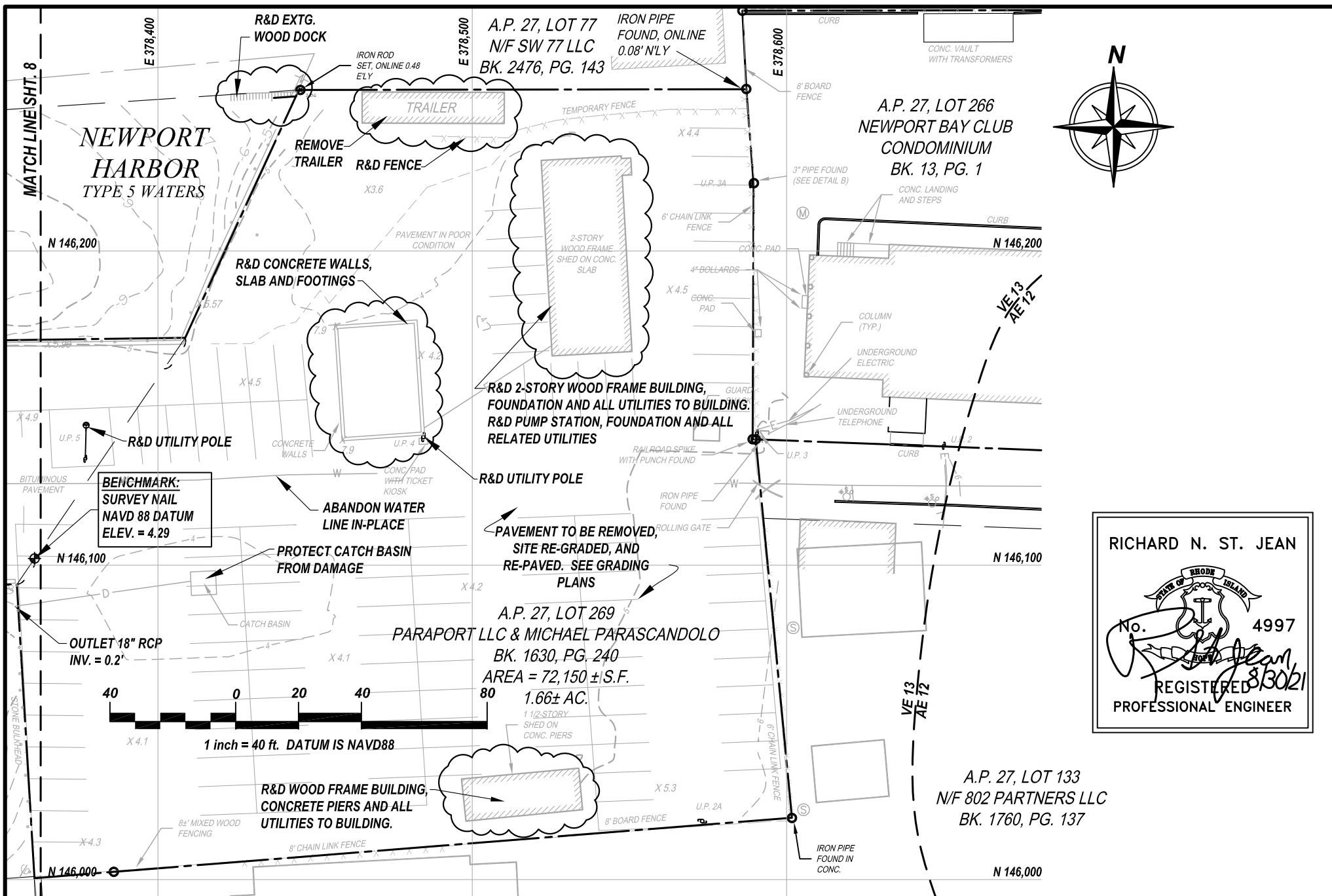
Perry Mill Marina, LLC Perry - Mill Wharf Re-Development Demolition Plan 1 of 2

LOCATION: AP 27, Lot 269
Newport Harbor
Perry Mill Wharf
Newport, Rhode Island

APPLICATION BY:
Perry Mill Marina, LLC
334 Knight Street, Suite 11201
Warwick, Rhode Island 02886

REVISIONS:
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DATE
February 17, 2021
SHEET 8 OF 14



St. Jean Engineering, LLC

Civil, Marine & Structural
Consulting Engineering

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Ph: 401.398.0999

Warwick, Rhode Island 02886
email: st.jean.engineering@verizon.net

**Perry Mill Marina, LLC Perry - Mill Wharf Re-Development
Demolition Plan 2 of 2**

LOCATION: AP 27, Lot 269
Newport Harbor
Perry Mill Wharf
Newport, Rhode Island

APPLICATION BY:
Perry Mill Marina, LLC
334 Knight Street, Suite 11201
Warwick, Rhode Island 02886

REVISIONS:

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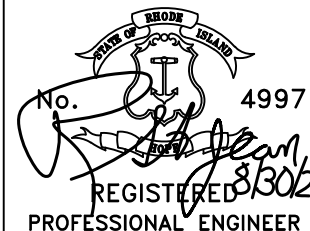
February 17, 2021

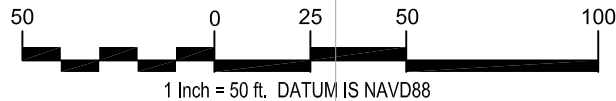
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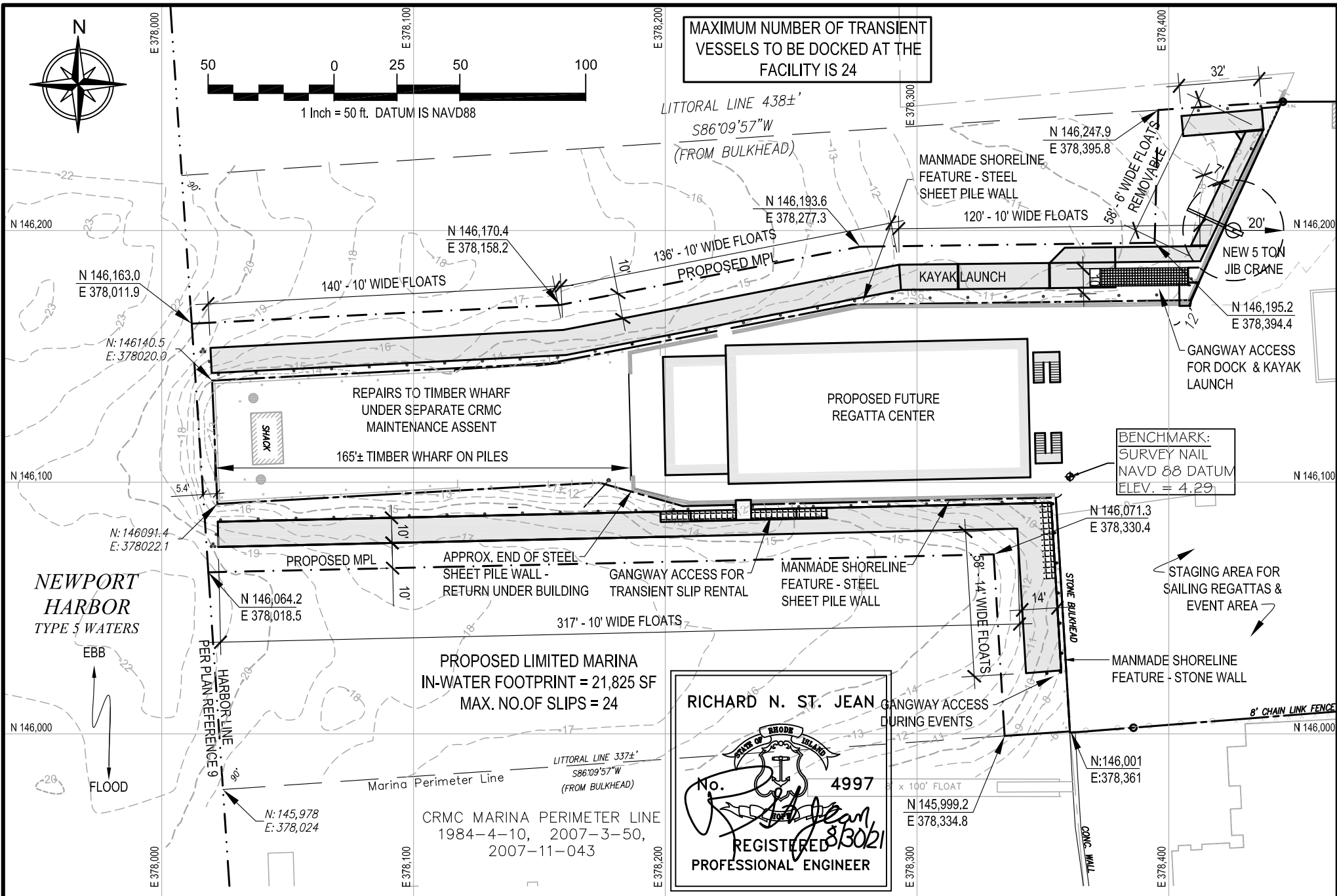
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RICHARD N. ST. JEAN





MAXIMUM NUMBER OF TRANSIENT
VESSELS TO BE DOCKED AT THE
FACILITY IS 24



St. Jean Engineering, LLC
Civil, Marine & Structural
Consulting Engineering

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email: st.jean.engineering@verizon.net

**Perry Mill Marina, LLC - Perry Mill Wharf Re-Development
Proposed In- Water Plans - Transient Docks - Limited Marina**

LOCATION: AP 27, Lot 269
Newport Harbor
Perry Mill Wharf
Newport, Rhode Island

APPLICATION BY:
Perry Mill Marina, LLC
334 Knight Street, Suite 11201
Warwick, Rhode Island 02886

REVISIONS:

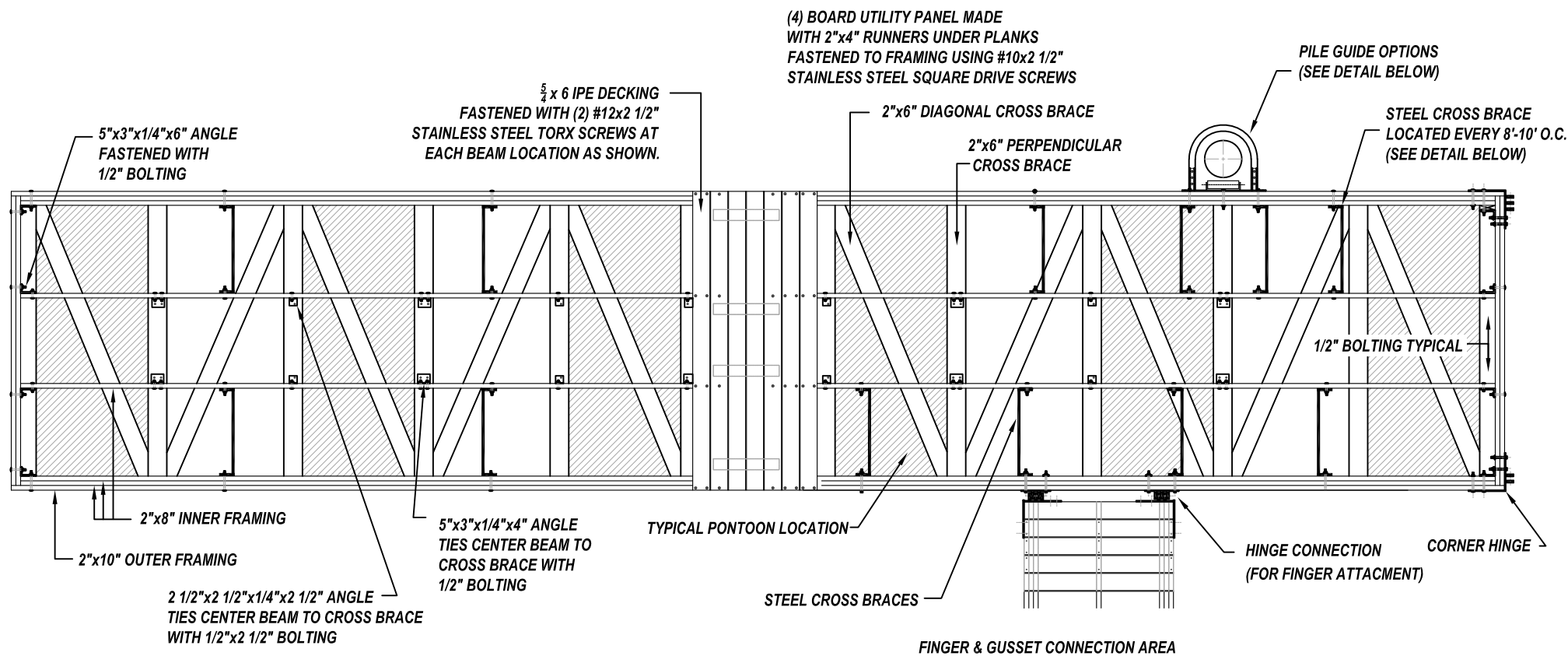
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DATE

February 17, 2021

SHEET OF

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PLAN VIEW/ TYPICAL MAIN WALKWAY SECTION

DETAILS TAKEN FROM PLAN BY:

**MEECO
SULLIVAN**

P.O. BOX 639, 3 CHANCELLOR LANE
WARWICK, N.Y. 10990

PHONE: (845) 986-7377

FAX: (845) 986-8531

E-MAIL: DOCKS@SULLFLOAT.COM

WEBSITE: WWW.SULLFLOAT.COM

St. Jean Engineering, LLC
Civil, Marine & Structural
Consulting Engineering

209 Arnold Neck Drive
Ph: 401.398.0999

Warwick, Rhode Island 02886
email: st.jean.engineering@verizon.net

Perry Mill Marina, LLC Perry - Mill Wharf Re-Development
Floating Dock Details from Dock Supplier Sht. 1 of 4

LOCATION: AP 27, Lot 269
Newport Harbor
Perry Mill Wharf
Newport, Rhode Island

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334 Knight Street, Suite 11201
Warwick, Rhode Island 02886

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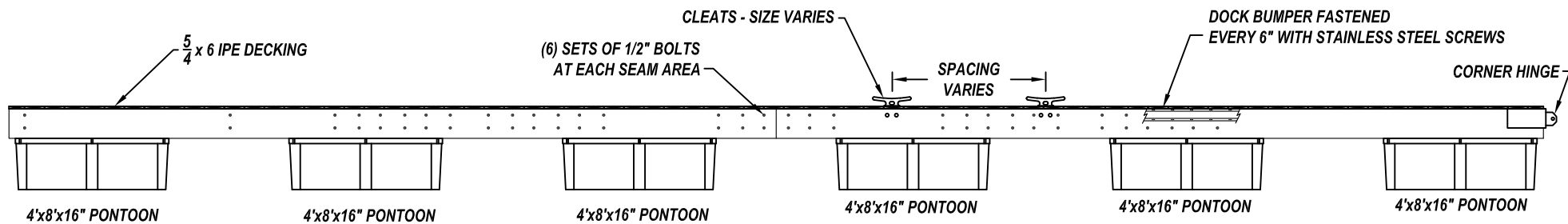
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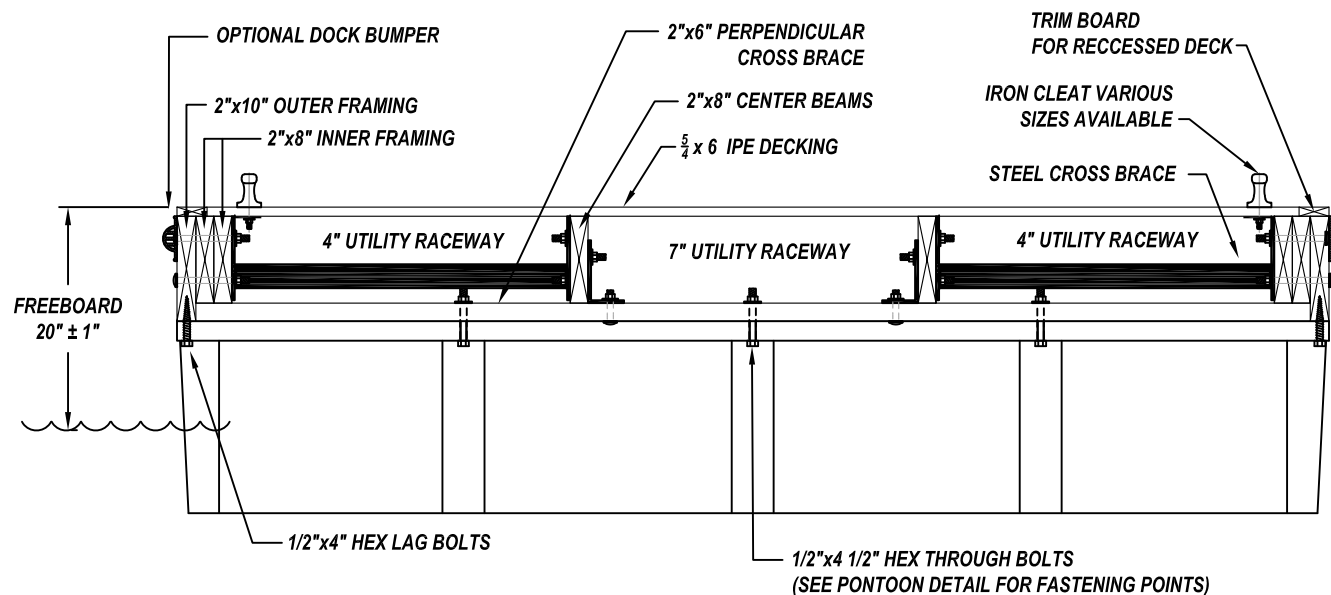
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SIDE ELEVATION/ TYPICAL MAIN WALKWAY SECTION



SECTION VIEW/ TYPICAL MAIN WALKWAY SECTION

DETAILS TAKEN FROM PLAN BY:

MEECO
SULLIVAN

P.O. BOX 639, 3 CHANCELLOR LANE
WARWICK, N.Y. 10990

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**Perry Mill Marina, LLC Perry - Mill Wharf Re-Development
Demolition Plan 1 of 2**

LOCATION: AP 27, Lot 269
Newport Harbor
Perry Mill Wharf
Newport, Rhode Island

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334 Knight Street, Suite 11201
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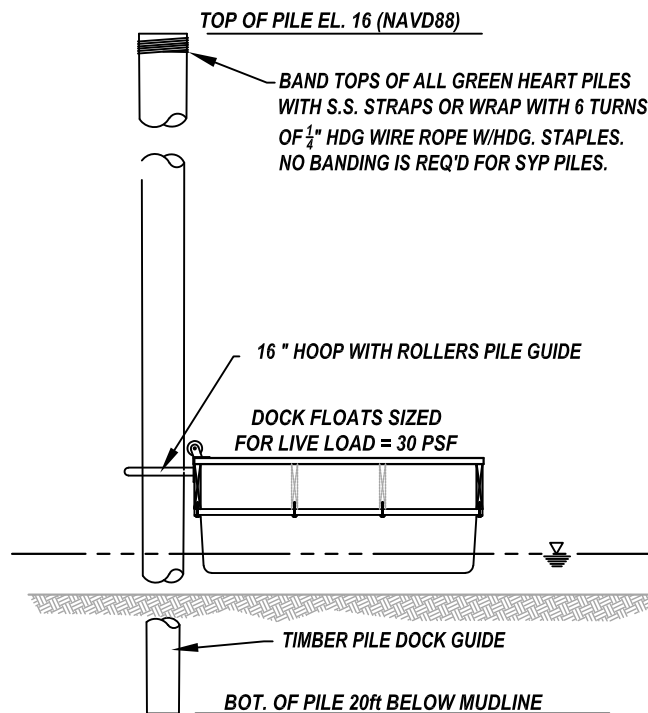
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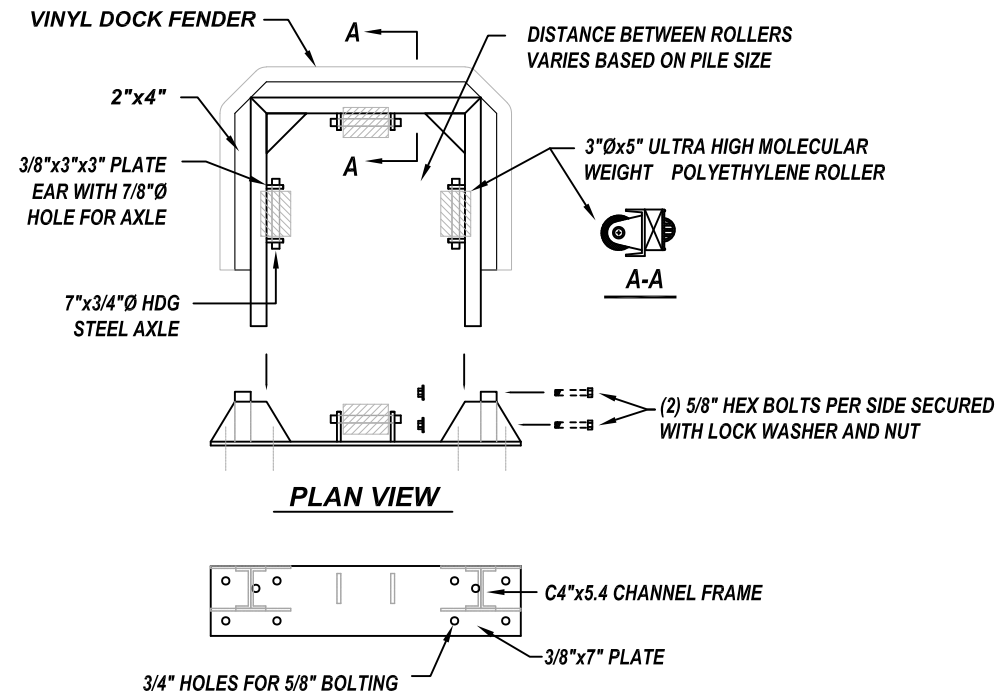
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TYP. DOCK ANCHORAGE



4 ROLLER REMOVABLE PILE GUIDE

GENERAL NOTES - MATERIAL SPECIFICATIONS:

1. ALL STEEL & HARDWARE TO BE HOT DIPPED GALVANIZED TO ASTM A123.
2. $\frac{5}{4}$ x 6 IPE DECKING WITH RECESSED TRIM EDGE
3. ALL OUTER FRAMING LUMBER TO BE GRADE #1 SOUTHERN YELLOW PINE, S4S TREATED TO .60lb P.C.F. RETENTION, CCA PRESERVATIVE.
4. ALL INNER FRAMING LUMBER TO BE GRADE #2 OR BETTER SOUTHERN YELLOW PINE, S4S TREATED TO .60lb P.C.F. RETENTION, CCA PRESERVATIVE.
5. FLOTATION TO BE EXPANDED POLYSTYRENE ENCASED IN NOMINAL .150 WALL POLYETHYLENE SHELL, USACOE APPROVED, RESISTANT TO FROZEN ICE, ULTRAVIOLET LIGHT & EXPOSURE TO PETROLEUM PRODUCTS.
6. ALL BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A153 & FABRICATED ACCORDING TO ASTM 307.

DETAILS TAKEN FROM PLAN BY:

**MEECO
SULLIVAN**

P.O. BOX 639, 3 CHANCELLOR LANE
WARWICK, N.Y. 10990

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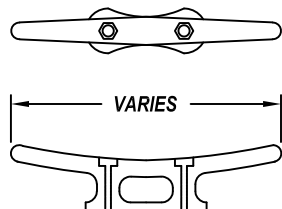
REVISIONS:

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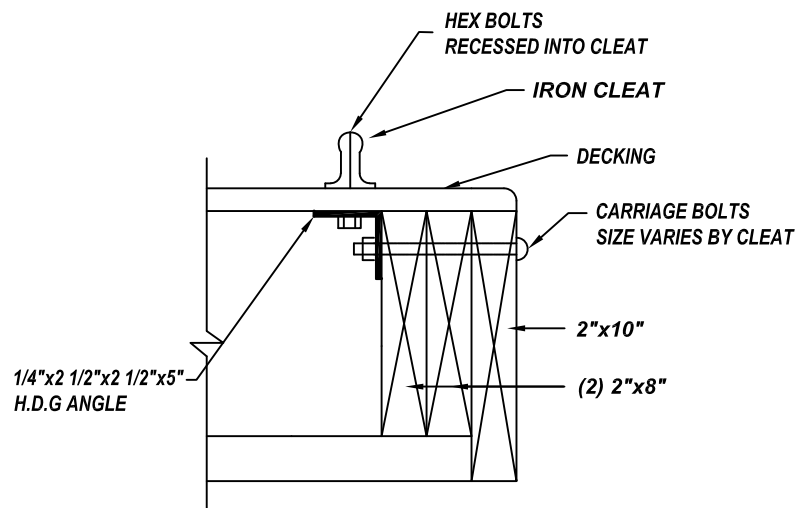
DATE
February 17, 2021

SHEET OF
13 14

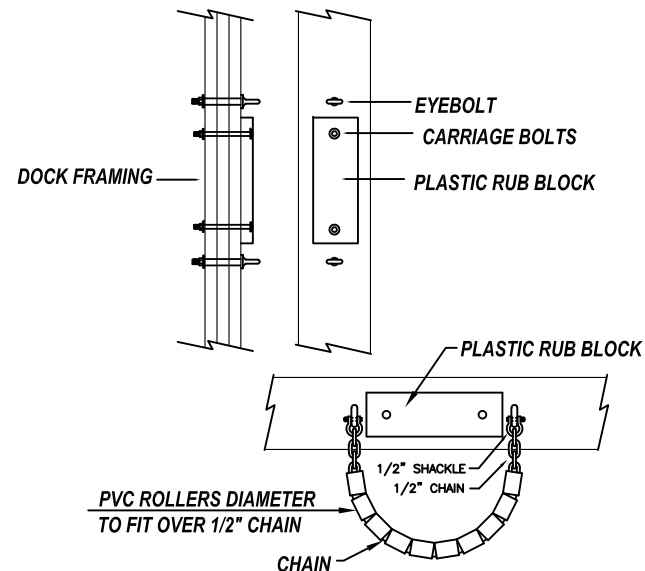
VARIOUS CLEAT SIZES AVAILABLE
FASTENED USING HEX THROUGH BOLTS



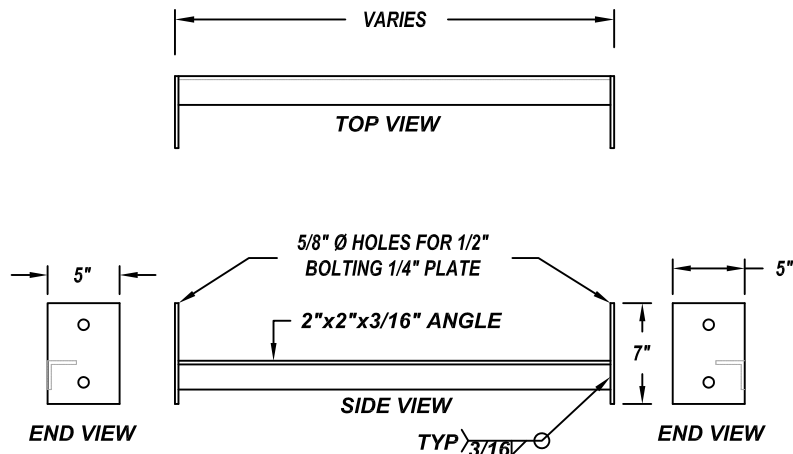
CLEAT DETAIL



CLEAT CONNECTION DETAIL



CHAIN & RUB BLOCK PILE GUIDE



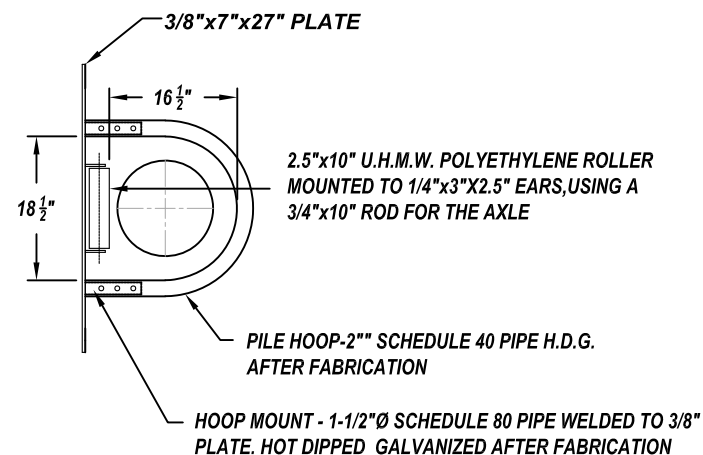
STEEL CROSS BRACE

DETAILS TAKEN FROM PLAN BY:

MEECO
SULLIVAN

P.O. BOX 639, 3 CHANCELLOR LANE
WARWICK, N.Y. 10990

PHONE: (845) 986-7377
FAX: (845) 986-8531
E-MAIL: DOCKS@SULLFLOAT.COM
WEBSITE: WWW.SULLFLOAT.COM



2" HOOP & ROLLER PILE GUIDE

St. Jean Engineering, LLC
Civil, Marine & Structural
Consulting Engineering

209 Arnold Neck Drive
Ph: 401.398.0999
Warwick, Rhode Island 02886
email: st.jean.engineering@verizon.net

**Perry Mill Marina, LLC Perry - Mill Wharf Re-Development
Demolition Plan 1 of 2**

LOCATION: AP 27, Lot 269
Newport Harbor
Perry Mill Wharf
Newport, Rhode Island

APPLICATION BY:
Perry Mill Marina, LLC
334 Knight Street, Suite 11201
Warwick, Rhode Island 02886

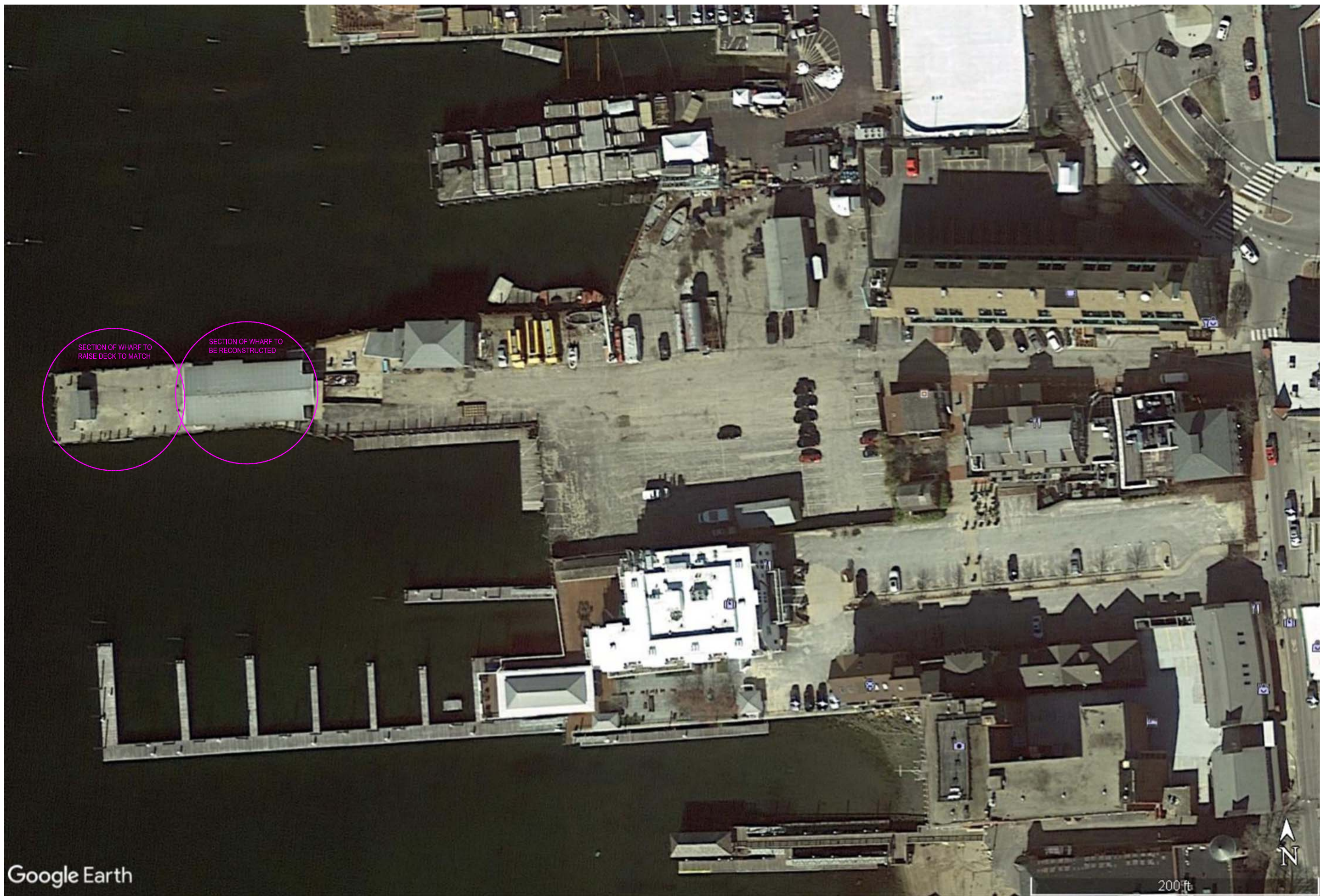
REVISIONS:
1. Revised to issue for USACE Public Notice. 8-30-2021

DATE
February 17, 2021
SHEET OF
14 14

Perry Mill Wharf - Wharf Reconstruction

Newport, Rhode Island

Assessors Map 27, Parcel 269



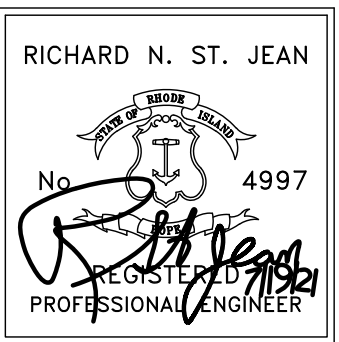
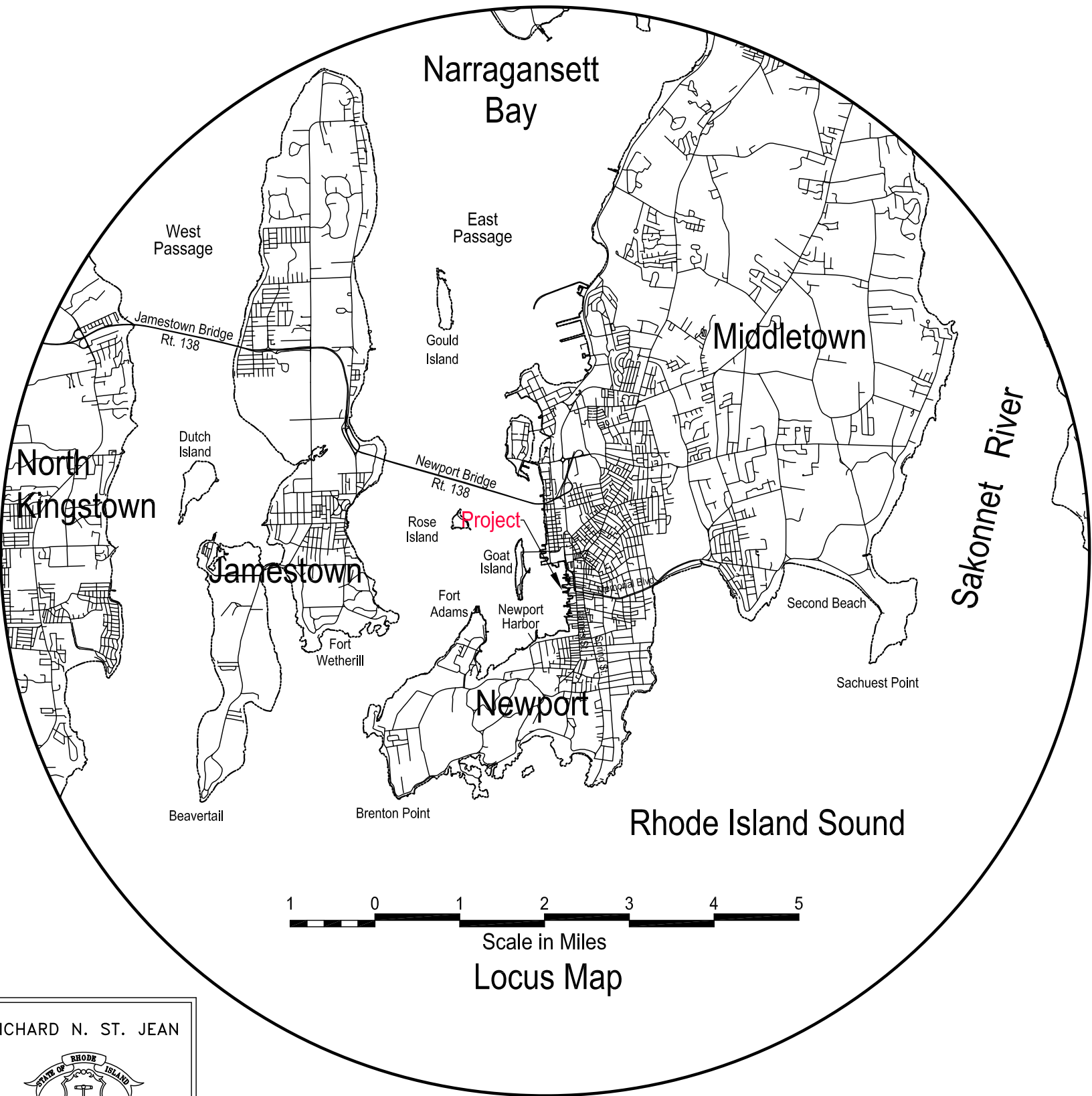
Index of Drawings:

Sht. No.	Dwg. No.	Description
1	S1	Notes & Legend - 1
2	S2	Existing Conditions & Improvements Plan
3	S3	Plan View & Sections
4	S4	Elevations & Details

Prepared For:
Perry Mill Marina, LLC
334 Knight Street, Suite 11201
Warwick, Rhode Island 02886

Prepared By:

St. Jean Engineering, LLC
Structural/Marine Engineer
209 Arnold Neck Drive
Warwick, Rhode Island 02886



ISSUED FOR PERMITTING

GENERAL NOTES:

- SURVEY INFORMATION SHOWN WAS TAKEN FROM PLAN ENTITLED: "PROPERTY BOUNDARY SURVEY PLAN, A.P. 27, LOT 269, THAMES STREET, NEWPORT, RHODE ISLAND" PREPARED BY NORTHEAST ENGINEERS & CONSULTANTS, INC., 55 CLARKE ROAD, MIDDLETOWN RHODE ISLAND 02842. PLAN DATED 1/03/2019. THIS PLAN WAS PRODUCED TO PERMIT THE DOCK LAYOUT ONLY. REFER TO THE NORTHEAST ENGINEERS PLAN FOR ALL SURVEY INFORMATION.
- BATHYMETRY WAS SURVEYED BY NATIONAL LAND SURVEYORS AND DEVELOPERS IN THE MONTH OF NOVEMBER, 2020.
- ANY UTILITIES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM FIELD SURVEYS BY OTHERS. THE SURVEYOR OR ENGINEER MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH OR ABANDONED. THE SURVEYOR OR ENGINEER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM ALL AVAILABLE INFORMATION. (PLEASE CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION AT PHONE NO. 1-888-DIG-SAFE AND/OR ALL LOCAL UTILITY COMPANIES.)
- THE HORIZONTAL DATUM FOR THIS PROJECT IS THE R.I.S.P.C.S. (NAD 83). THE VERTICAL DATUM IS NAVD 88.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LOCAL, STATE, FEDERAL, AND UTILITY COMPANY REQUIREMENTS.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION. REPORT TO ENGINEER ALL OBSERVATIONS AND DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.
- THE CONTRACTOR SHALL MAINTAIN A COPY OF THE CRMC ASSENT AND ARMY CORPS APPROVAL ON SITE.
- THE CONTRACTOR SHALL ADHERE TO ALL PERMIT STIPULATIONS.
- IF DURING THE COURSE OF WORK UNFORESEEN CONDITIONS ARE ENCOUNTERED THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER OF RECORD IMMEDIATELY FOR DISPOSITION.
- ANY DAMAGE TO ANY PROPERTY, PRIVATE OR OF PUBLIC TRUST, OCCURRING DURING THE CONSTRUCTION BY THE CONTRACTOR, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL SAFEGUARD AND PROTECT ALL EXCAVATIONS.
- THE CONTRACTOR SHALL USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
- THE CONTRACTOR SHALL USE EQUIPMENT ADEQUATE IN SIZE, CAPACITY, AND NUMBERS, AND PROPERLY MAINTAINED WITH REGARD TO THE SAFETY OF OPERATOR, OTHER WORKMEN, AND GENERAL PUBLIC.
- THE CONTRACTOR SHALL PROTECT ALL WETLANDS AND COASTAL RESOURCES FROM INTRUSION BY TURBID WATERS, CONSTRUCTION DEBRIS, CONSTRUCTION EQUIPMENT, OR PERSONNEL DURING ALL WORK ACTIVITIES.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS, LICENSES, CERTIFICATES OF INSPECTION, AND PAY ALL LEGAL FEES IN CONNECTION WITH THE WORK OF THIS CONTRACT. THE OWNER HAS OBTAINED NECESSARY REGULATORY PERMITS REQUIRED FOR THE WORK IN REGULATED AREAS. THE CONTRACTOR SHALL REQUEST COPIES OF THOSE REGULATORY PERMITS AND MAKE PROVISION IN THIS WORK AND IN THE COST OF THE WORK FOR ALL APPLICABLE CONDITIONS OF THOSE PERMITS. FAILURE TO CONSIDER ANY CONDITION OF THE REGULATORY PERMITS AS A PART OF THE BID SHALL NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO APPLY THOSE CONDITIONS TO HIS WORK AT NO ADDITIONAL COST TO THE OWNER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT FROM DAMAGE ALL UTILITIES, UTILITY STRUCTURES, FUEL LINES & TANKS OR ANY UNKNOWN UTILITIES OR STRUCTURES PRIOR TO ANY WORK.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE ALL LANDSCAPING, INCLUDING BUT NOT LIMITED TO LAWN, TREES, PLANTINGS, FENCES, ETC. DAMAGED BY THE CONTRACTOR DURING THE COURSE OF THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT & POSITIONING OF ALL PROPOSED STRUCTURES AS SHOWN ON THE PROJECT DRAWINGS.
- CONTRACTOR SHALL REMOVE EXCESS MATERIALS AND DISPOSE OFFSITE.
- CONTRACTOR SHALL NOT STORE ANY MATERIALS BELOW MHW ELEVATION.
- PROTECT OPEN EXCAVATIONS AND STOCKPILED SOIL FROM EROSION.

REFERENCE PLANS/DOCUMENTS:

- BATHYMETRIC SURVEY PREPARED BY NATIONAL SURVEYORS-DEVELOPERS, INC., NOVEMBER 2019.
- PROPERTY BOUNDARY SURVEY, A.P. 27, LOT 269, THAMES STREET, PREPARED BY NORTHEAST ENGINEERS & CONSULTANTS, INC., DATED OCTOBER 31, 2019.
- FEMA FLOOD INSURANCE STUDY 44005CVO00B, NEWPORT COUNTY, RI, DATED SEPTEMBER 4, 2013, MAP PANEL NO. 44005C0177J, DATED SEPTEMBER 4, 2013.
- RHODE ISLAND STATE BUILDING CODE, 5BC-1
- RI CODE OF REGULATIONS RICR - RED BOOK - 650-RICR-20-00-01
- COASTAL CONSTRUCTION MANUAL, FEMA 55

FLOOD ZONE NOTE:

PORTIONS OF THESE PREMISES ARE SITUATED IN A ZONE 'VE' (EL. 13), AND A ZONE 'AE' (EL. 12) AS DESIGNATED ON THE "NATIONAL FLOOD INSURANCE PROGRAM, FIRM FLOOD INSURANCE RATE MAP NEWPORT COUNTY, RHODE ISLAND (ALL JURISDICTIONS) PANEL 177 OF 226 (ALL JURISDICTIONS) MAP NUMBER 44005C0177J MAP REVISED: SEPTEMBER 4, 2013. FEDERAL EMERGENCY MANAGEMENT AGENCY".

TIMBER PILES:

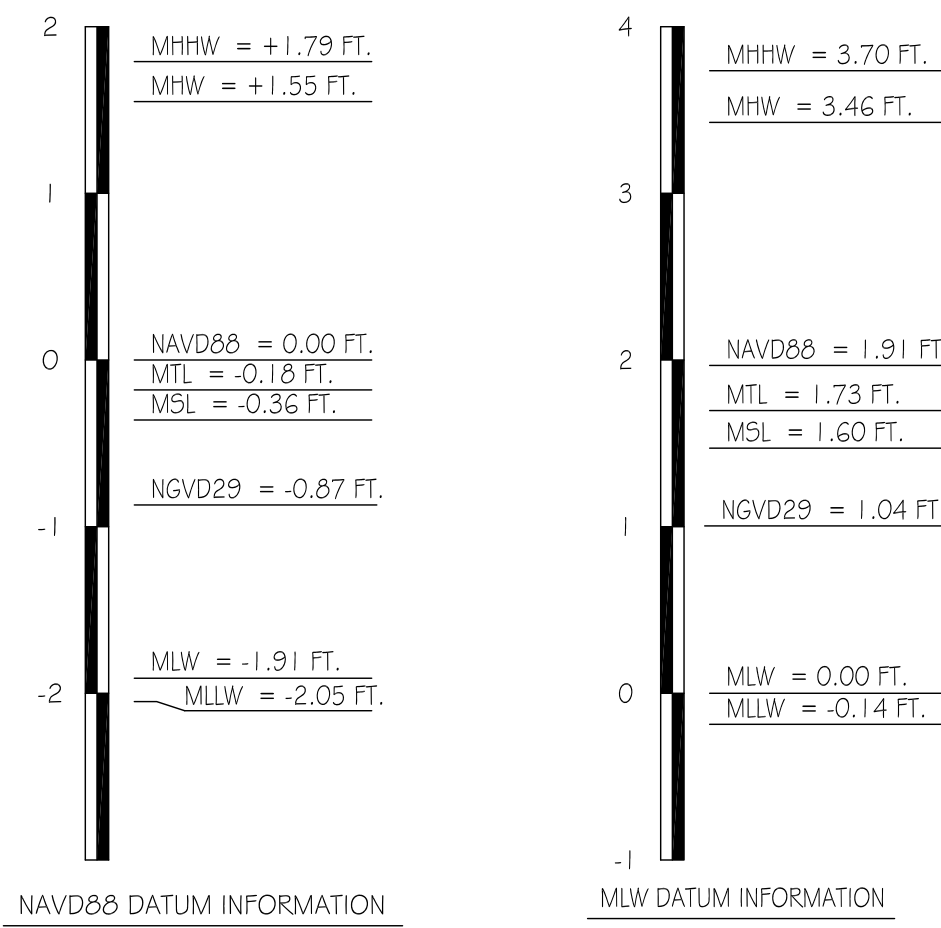
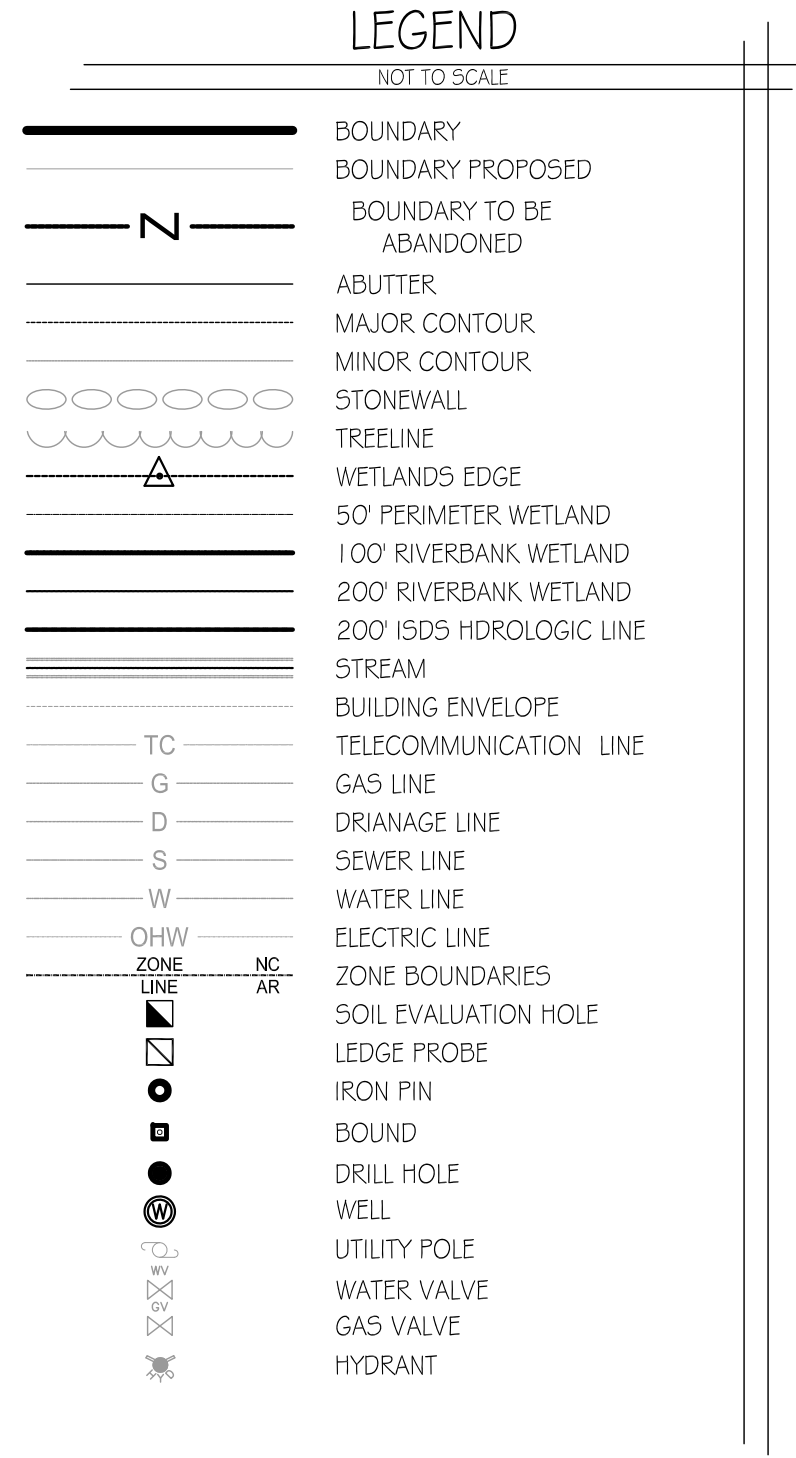
- ALL NEW PILES SHALL CONFORM WITH THE FOLLOWING :
 - TIMBER, TREATED WITH CHROMATED COPPER ARSENATE (MINIMUM RETENTION OF 2.5 CCA)
 - ALL HOLES OR CUTS MADE IN PILES SHALL BE DRESSED WITH CCA.
 - SOUTHERN YELLOW PINE CONFORMING TO THE FOLLOWING MINIMUM:
 - ALLOWABLE STRESSES AS DETERMINED IN ACCORDANCE WITH ASTM D-2699
 - COMPRESSION PARALLEL TO THE GRAIN, Fc = 1,250 PSI
 - EXTREME FIBER STRESS IN BENDING Fb = 2,450 PSI
 - HORIZONTAL SHEAR Fv = 115 PSI
 - COMPRESSION PERPENDICULAR TO THE GRAIN Fc = 230 PSI
- PILES SHALL CONFORM TO THE PHYSICAL CHARACTERISTICS OF ROUND TIMBER PILES AS DESCRIBED IN ASTM D-25. MINIMUM BUTT DIAMETER SHALL BE 12" (10" TIP), FOR BEARING AND DOLPHIN PILES AND 12" (8" TIP) FOR FENDER PILES. SPECIES SHALL BE SOUTHERN YELLOW PINE.
 - SEE PLANS FOR CUT OFF ELEVATIONS.
 - DESIGN PILE CAPACITY IS 17½ TONS UNDER THE CENTER PILE CAPS, 11 TONS UNDER OUTBOARD PILE CAPS, AND 15 TONS FOR BATTER PILES.
- PILE TOLERANCES:
 - BUTT MUST BE WITHIN 2" OF HORIZONTAL LOCATION.
- 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.
- CONTRACTOR MAY "SET" BEARING PILES USING A VIBRATORY HAMMER BUT THEY MUST BE DRIVEN THE LAST 3 FEET USING AN IMPACT TYPE HAMMER. THE CONTRACTOR SHALL SUBMIT A WEAP ANALYSIS TO THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO START OF DRIVING. THE WEAP ANALYSIS SHALL REFLECT THE HAMMER, DRIVE TRAIN, POLE AND REQD DESIGN CAPACITY. A MINIMUM FACTOR OF SAFETY OF 3.0 IS REQUIRED IN THE ANALYSIS.
- THE CONTRACTOR SHALL ANTICIPATE TO REMOVE OBSTRUCTIONS BY EXCAVATING AND/OR SPUDDING TO ALLOW INSTALLATION OF NEW PILES.
- ALL THE HARDWARE BEING USED SHALL BE HOT DIPPED GALVANIZED (HDG) FOR EXTERIOR, HIGH HUMIDITY (MIN. 4 MIL THICKNESS FOR MARINE ENVIRONMENT), AND TREATED WOOD LOCATIONS. CLIPS, HANGERS, ANGLES AND OTHER HARDWARE REQUIRING FABRICATION SHALL BE FABRICATED COMPLETE WITH HOLES AND WELDING PRIOR TO HOT DIP GALVANIZING. HOT DIPPED GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A123 FOR PLATES AND FABRICATIONS AND ASTM A153 FOR BOLTS AND BOLTING HARDWARE. SEE PLANS FOR ADDITIONAL INFORMATION.

TIMBER FRAMING:

- ALL TIMBER WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL FOREST PRODUCTS ASSOCIATION NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
- ALL TIMBER FRAMING SHALL BE STRESS GRADED LUMBER HAVE THE FOLLOWING STRUCTURAL PROPERTIES (U.O.N.):
 - SOUTHERN YELLOW PINE: (#1 OR #1 DENSE)
 - Fb = 1,400 PSI
 - Fv = 110 PSI
- ALL FRAMING MEMBERS AND DECKING SHALL BE TREATED WITH WOOD PRESERVATIVE (PRESSURE TREATMENT): F5 T1-W-571 AWP4 TREATMENT C2 USING CHROMATED COPPER ARSENATE (0.6 CCA MINIMUM RETENTION). ALL HOLES AND CUTS SHALL BE DRESSED WITH CCA.
- ALL THREADED FASTENERS AND ANCHORS SHALL BE HOT DIPPED GALVANIZED STEEL FOR EXTERIOR, HIGH HUMIDITY (4 MILS FOR MARINE ENVIRONMENT) AND TREATED WOOD LOCATIONS. BOLTS SHALL CONFORM TO A307 GRADE A HEAVY HEX NUTS AND HOT DIPPED GALVANIZED (HDG) OGE OR DOCK STEEL WASHERS AS SPECIFIED ON DRAWINGS. BOLT HOLES SHALL BE A MAXIMUM OF 1/8" LARGER THAN BOLT DIAMETER SPECIFIED.
- ALL NAILS SHALL BE AS SPECIFIED ON DRAWINGS (4 GAUGE SILICON BRONZE UNLESS OTHERWISE SPECIFIED). PRE-DRILL UNDERSIZE HOLES FOR NAILS THROUGH TOP PLY ONLY. SCREWS USED TO SECURE IPE DECKING SHALL BE STAINLESS STEEL GRADE 316
- ALL TIMBER SIZES ARE NOMINAL UNLESS OTHERWISE NOTED.
- ALL TIMBER FRAMING USED IN THE PROJECT SHALL BE STRAIGHT IN BOTH LONGITUDINAL PLANES WITH NO OR MINIMAL TWIST. TIMBER SHALL BE INSPECTED FOR CROWN PRIOR TO INSTALLATION BY THE CONTRACTOR AND INSTALLED CROWN UP WHERE SLIGHT CROWN EXISTS. JOINTS SHALL BE SAW CUT AND ACCURATELY AND TIGHTLY FITTED. THE ENGINEER RESERVES THE RIGHT TO REJECT TIMBER MEMBERS AND FINISH CONSTRUCTION OF TIMBER ASSEMBLIES WHERE IN THE OPINION OF THE ENGINEER THE DESIGN INTENT OF THE STRUCTURE WOULD BE COMPROMISED DUE TO THE FAULTY TIMBER, JOINTING, AND OR CONSTRUCTION PRACTICES.

STRUCTURAL STEEL

- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE "MANUAL OF STEEL CONSTRUCTION - ASD", NINTH EDITION, AS ADOPTED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
- ALL WELDING SHALL CONFORM TO THE "STRUCTURAL WELDING CODE FOR STEEL" (AWS D1.1) LATEST EDITION, AS ADOPTED BY THE AMERICAN WELDING SOCIETY (AWS). ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER IN ACCORDANCE WITH AWS STANDARDS.
- ALL CONNECTIONS SHALL BE DESIGNED BY A STEEL FABRICATOR EXCEPT THOSE SPECIFICALLY DETAILED ON THE CONTRACT DOCUMENTS.
- STRUCTURAL STEEL MATERIALS SHALL MEET THE FOLLOWING REQUIREMENTS:
- STEEL SECTIONS AND MISG: ASTM A572 GRADE 50 UNLESS OTHERWISE NOTED
- BOLTS: ASTM A325 WITH HEAVY HEXAGONAL HEADS
- NUTS: ASTM A563 WITH HEAVY HEXAGONAL HEADS
- WASHERS: ASTM F436 OVERSIZED DOCK WASHERS
- WELD RODS: ASTM A233, E70XX SERIES ELECTRODES AS REQD FOR CONDITIONS OF INTENDED USE
- BOLTS, NUTS, & WASHERS: ALL BOLTS, NUTS, AND WASHERS SHALL BE HOT DIPPED GALVANIZED FOR EXTREME SERVICE (MIN. 4 MIL THICKNESS U.O.N.) IN ACCORDANCE WITH ASTM A153 AND MEET MINIMUM TESTS OF ASTM A239.



INFORMATION FOR NOAA TIDAL ELEVATION STATION 8452660
LOCATED IN NEWPORT, RHODE ISLAND - VERTICAL DATUM IS NAVD88

SHORING NOTE A

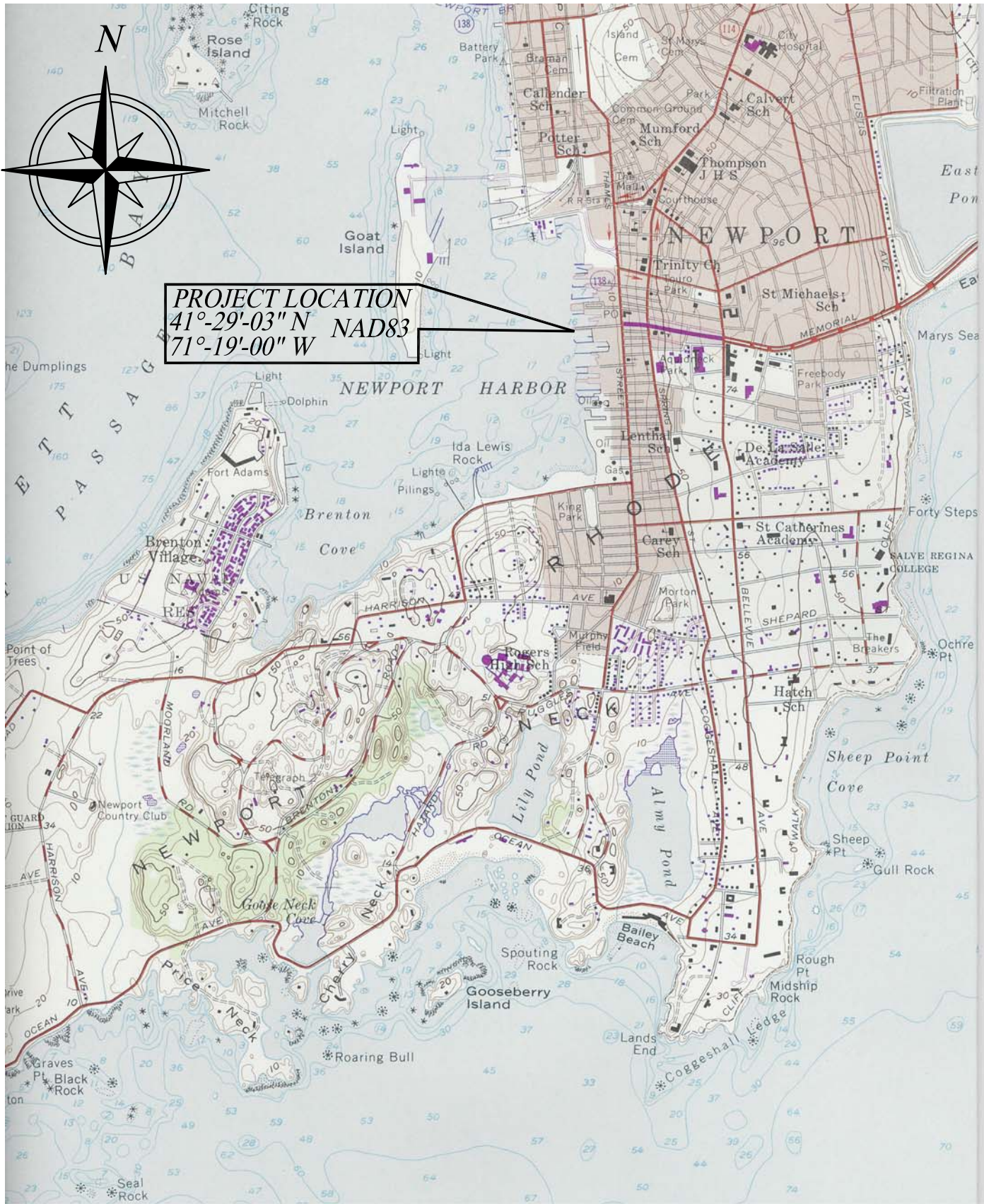
THE G.C. SHALL INSTALL TEMPORARY SHORING DURING CONSTRUCTION PRIOR TO REMOVING ANY EXISTING LOAD BEARING MEMBERS. THE DESIGN OF ALL TEMPORARY SHORING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL REQUIRED SHORING SHALL REMAIN IN PLACE UNTIL NEW PERMANENT STRUCTURAL MEMBERS ARE COMPLETELY INSTALLED AND BUILDING LOADS HAVE BEEN TRANSFERRED TO THE NEW STRUCTURAL MEMBERS.

DESIGN CRITERIA:

ALL LOADS APPLIED IN ACCORDANCE WITH RHODE ISLAND STATE BUILDING CODE (LATEST EDITION) 5BC-2, 2019.

USE:	COMMERCIAL
FROST DEPTH = 3'-4"	
GROUND SNOW (Pg) = 30 PSF	
Ce = 1.0 (EXPOSURE B, PARTIAL)	
I = 1.0 (CATEGORY II)	
LIVE LOADS:	
WHARF	150 PSF
DESIGN WIND SPEED	140MPH (3 SEC GUST - ASCE 7-10) EXPOSURE 'C'
SEISMIC	Se = 0.164 S1 = 0.058
SOIL BEARING PRESSURE:	SEE BORING LOGS
FLOOD ZONE:	VE13

NOTE: TIMBER WHARF IS NOT INTENDED TO BE USED FOR DOCKING VESSELS DIRECTLY AGAINST WHARF. A SEPARATE SYSTEM OF FLOATING DOCKS HAVE BEEN DESIGNED FOR DOCKING AND HAVE BEEN SUBMITTED FOR REVIEW AND APPROVAL UNDER CRMC ASSENT NO. 2021-03-020



USGS Map Section: Newport, RI Quadrangle

USGS Map

ABBREVIATIONS:

AB	ANCHOR BOLT	MAX	MAXIMUM
ADDL	ADDITIONAL	MECH	MECHANICAL
ALT	ALTERNATE	MFR	MANUFACTURER
ALUM	ALUMINUM	MHW	MEAN HIGH WATER
A.P.	ASSESSORS PLAT	MLW	MEAN LOW WATER
ARCH	ARCHITECTURAL	MPL	MARINA PERIMETER LIMITS
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	MIN	MINIMUM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NF	NOW OR FORMALLY
BM	BEAM	NIC	NOT IN CONTRACT
BOF	BOTTOM OF FOOTING	NTS	NOT TO SCALE
BOT.B	BOTTOM	OAL	OVER ALL LENGTH
CJ	CONSTRUCTION JOINT	OC	ON CENTER
CLR	CLEAR	OF	OUTSIDE FACE
CL	CENTERLINE	O.H.D.	OVERHEAD DOOR
CMU	CONCRETE MASONRY UNIT	OPNG	OPENING
COL	COLUMN	PC	PIECE
CONC	CONCRETE	PCF	POUNDS PER CUBIC FEET
CONT	CONTINUOUS	PJF	PREWOLDED JOINT FILLER
DEG	DEGREE	PLT	PLATE
DET	DETAIL	PROJ	PROJECTION
DIA	DIAMETER	PSF	POUNDS PER SQUARE FEET
DIR	DIRECTION	PSI	POUNDS PER SQUARE INCH
DN	DOWN	P.T.	PRESSURE TREATED
DWG	DRAWING	R&D	REMOVE AND DISPOSE
DWL	DOWEL	SECT	SECTION
EA	EACH	SF	SQUARE FOOT
EF	EACH FACE	SIM	SIMILAR
EJ	EXPANSION JOINT	SJE	ST. JEAN ENGINEERING, LLC
EL.ELEV	ELEVATION	SOE	SUPPORT OF EXCAVATION
EW	EACH WAY	SPECS	SPECIFICATIONS
EXTG	EXISTING	SQ	SQUARE
FD	FLOOR DRAIN	S5	STAINLESS STEEL
FF	FINISH FLOOR	SSPC	STEEL STRUCTURES PAINTING COUNCIL
FIN	FINISH	STD	STANDARD
FL	FLOOR	STL	STEEL
FTG	FOOTING	STRUCT	STRUCTURAL
GA.	GAUGE	SYM	SYMMETRICAL
GALV	GALVANIZE (HOT-DIP)	THK	THICK
HDC	HOT DIPPED GALVANIZED	TOC	TOP OF CONCRETE
HORIZ, H	HORIZONTAL	TOP	TOP OF FOUNDATION
HH	HEAVY HEX	TOW	TOP OF WALL
HP	HIGH POINT	TOS	TOP OF SLAB OR TOP OF STEEL
I.F.	IN ACCORDANCE WITH	TR	TREADS
LG	LONG	TYP	TYPICAL
LH	LONG LEG HORIZONTAL	UON	UNLESS NOTED OTHERWISE
LLV	LONG LEG VERTICAL	VERT.V	VERTICAL
LP	LOW POINT	WS	WATERSTOP, WATER SURFACE
		WWF	WELDED WIRE FABRIC

Perry Mill Wharf - Wharf Reconstruction
Newport, Rhode Island

Perry Mill Marina Llc,
Warwick,

PREPARED FOR:

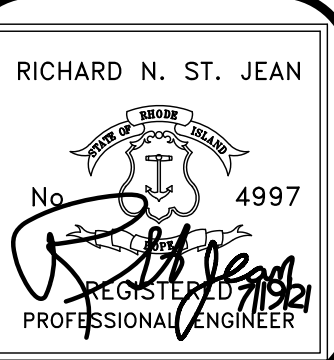
334 Knight Street, Suite 11201
Rhode Island 02886

ST. JEAN ENGINEERING, LLC

CIVIL, MARINE AND STRUCTURAL
CONSULTING ENGINEERING

209 Arnold Neck Drive
Warwick, Rhode Island 02886

Phone: 401.398.0999
email: st.jean.engineering@verizon.net



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REVISIONS

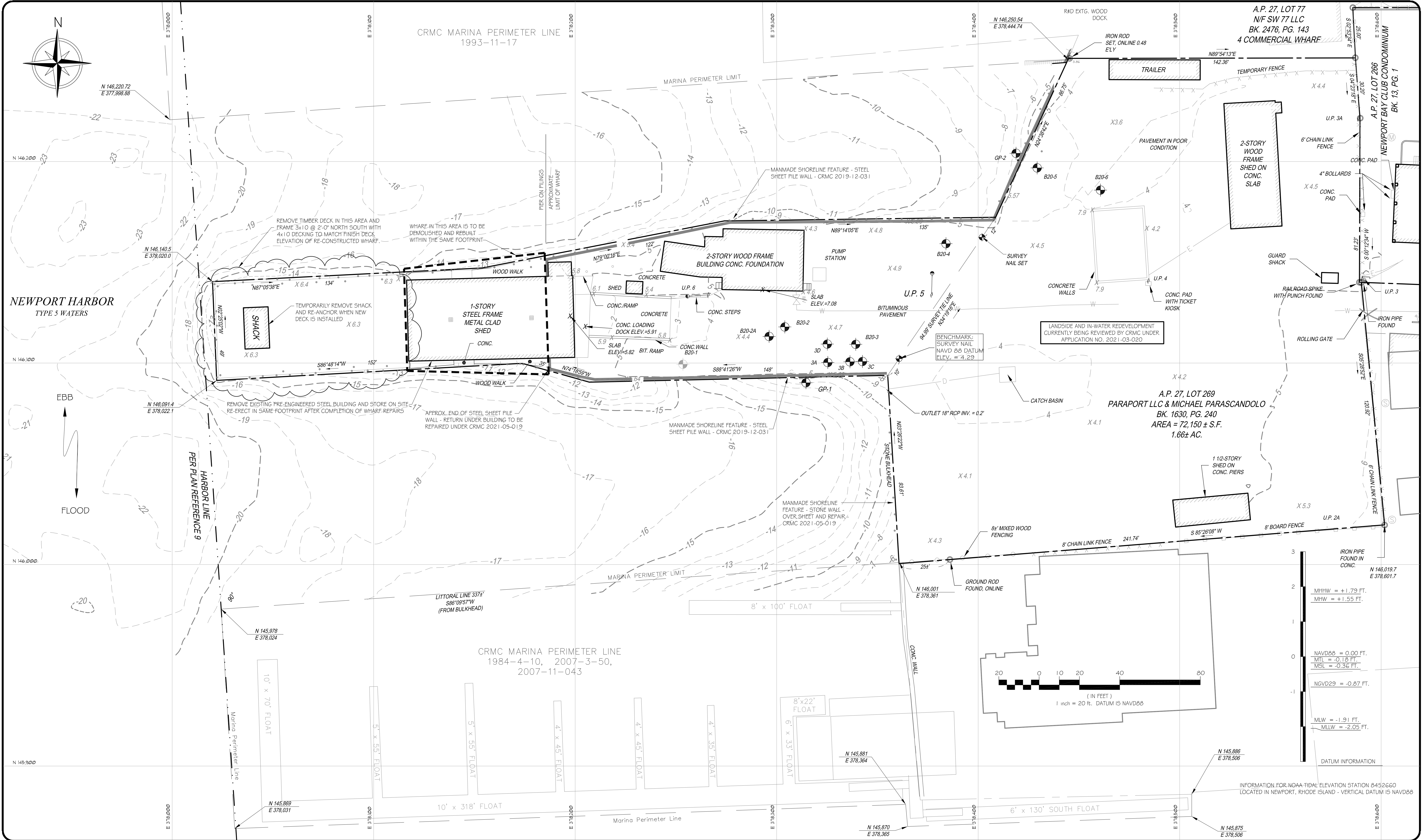
Notes & Legend

DESIGNED BY:	DATE:	SCALE:	
R. ST. JEAN	JULY 19th, 2021	N.T.S.	
CHECKED BY:			

PROJ. NO.
SHT NO.

SI

1 OF 4



Perry Mill Wharf - Wharf Reconstruction
Newport, Rhode Island

PREPARED FOR: Perry Mill Marina Llc, Warwick, 334 Knight Street, Suite 11201 Rhode Island 02886

ST. JEAN ENGINEERING, LLC
CIVIL, MARINE AND STRUCTURAL CONSULTING ENGINEERING

209 Arnold Neck Drive
Warwick, Rhode Island 02886 email: st.jean.engineering@verizon.net Phone: 401.398.0999

RICHARD N. ST. JEAN
Professional Engineer
No. 4997
Professional Engineer

ISSUED FOR PERMITTING

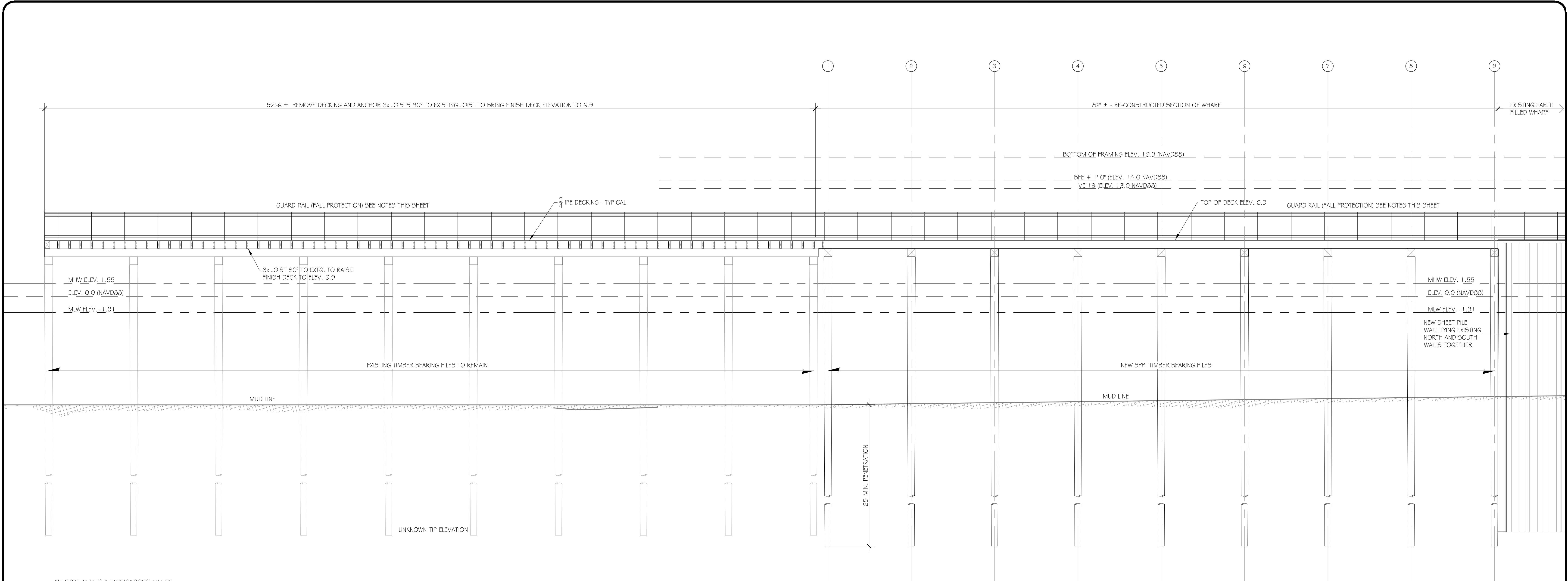
REVISIONS

Existing Conditions & Improvements Plan

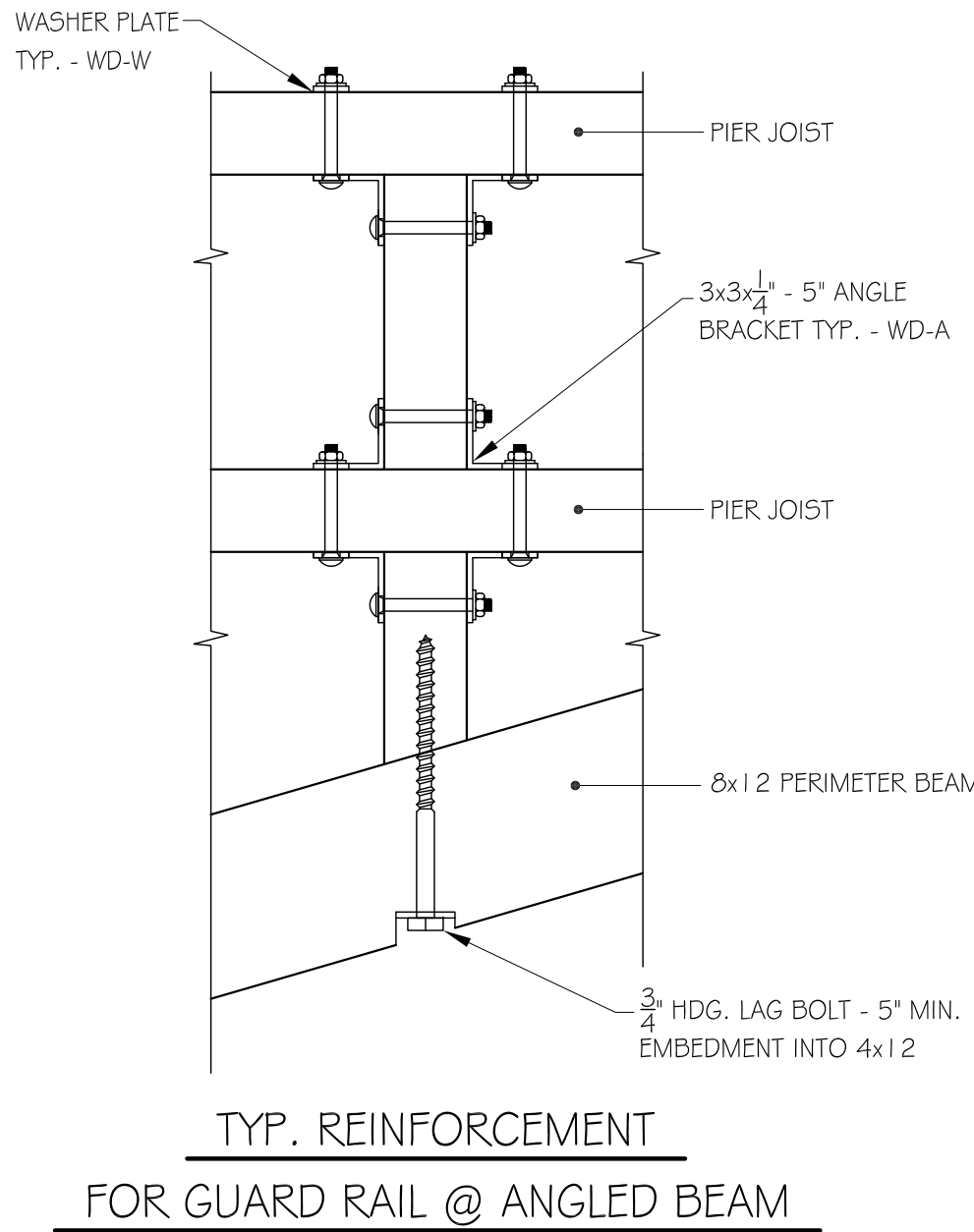
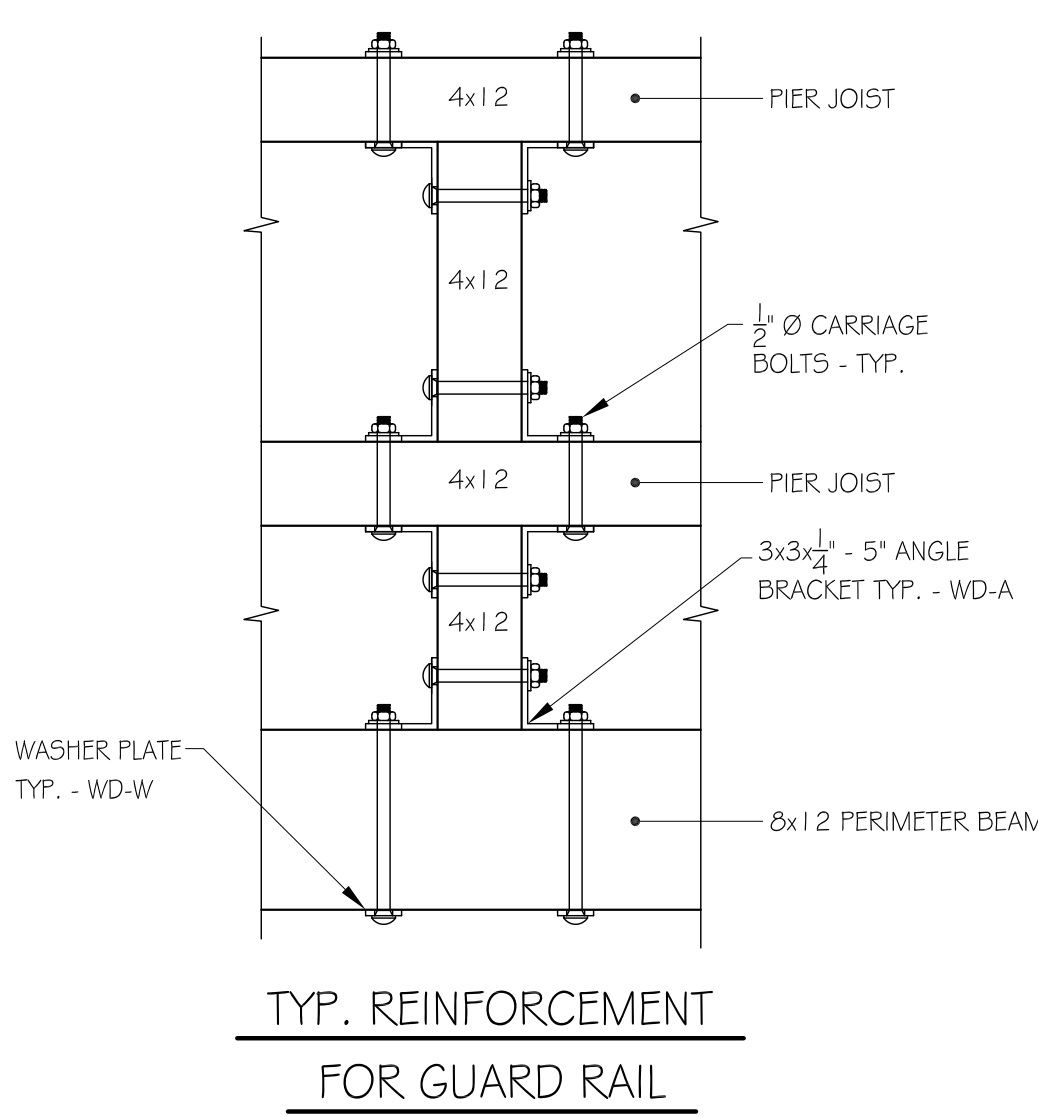
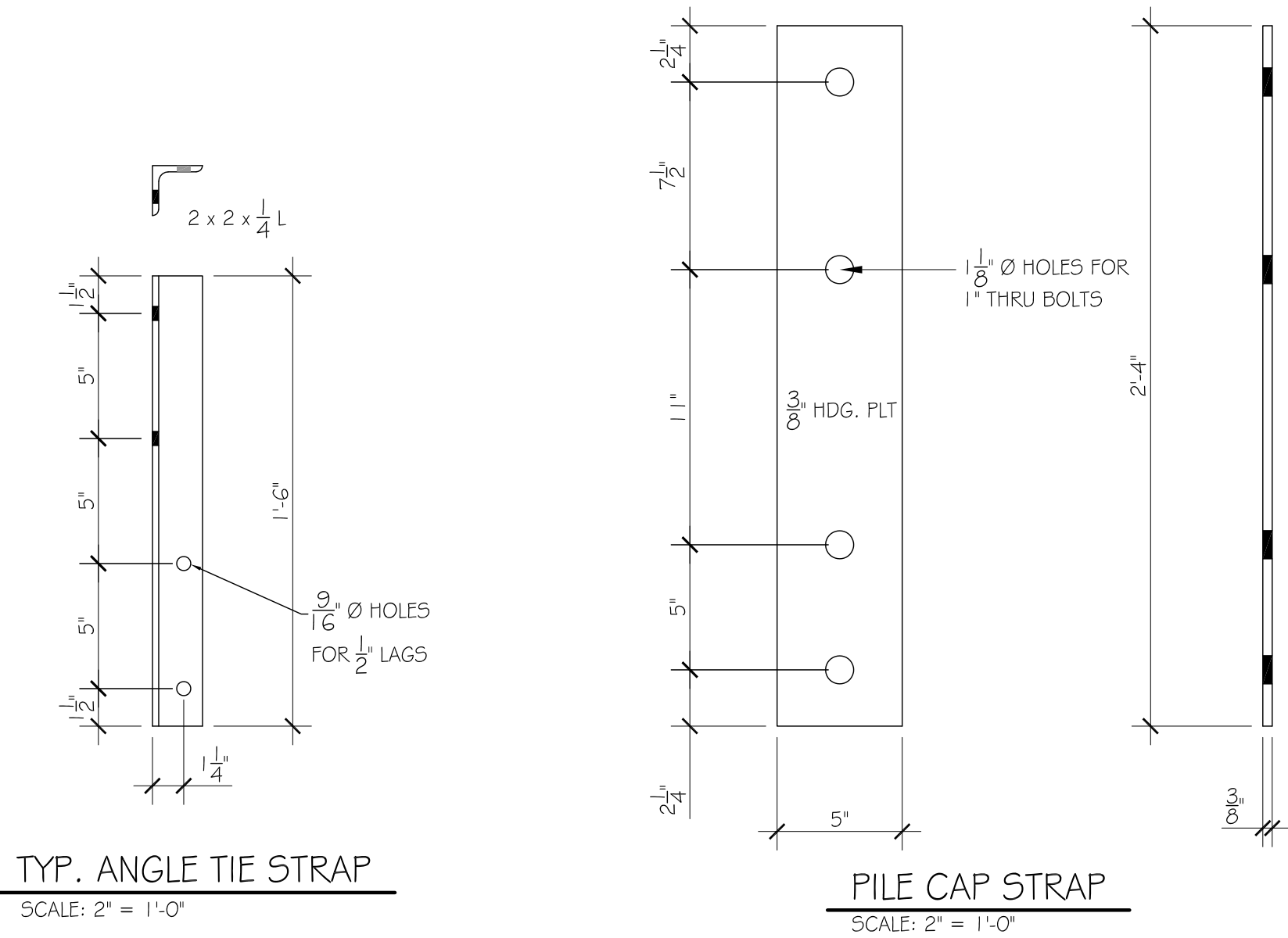
DESIGNED BY:	R. ST. JEAN	DATE:	July 19th, 2021	SCALE:	1" = 20'
CHECKED BY:					

PROJ. NO.
SHT NO.
52
2 OF 4

3 OF 4



ALL STEEL PLATES & FABRICATIONS WILL BE
HOT DIPPED GALVANIZED AFTER FABRICATION
TO PROJECT SPECIFICATIONS



GUARD RAIL BY ARCHITECT
MIN. STRUCTURAL CODE PRESCRIBED REQUIREMENTS:
POINT OF LOAD APPLICATION: 3'-6" OFF FINISH SURFACE
SINGLE CONCENTRATED 200 lb. APPLIED TO TOP RAILING
AT ANY POINT IN ANY DIRECTION
UNIFORM LOAD OF 50 lb./ft. APPLIED IN ANY DIRECTION
ALONG THE TOP RAILING.
POINT LOAD AND UNIFORM LOAD DO NOT NEED TO BE
APPLIED CONCURRENTLY.
INTERMEDIATE RAILINGS (EXCEPT HANDRAIL) AND PANEL
FILLERS SHALL BE DESIGNED TO WITHSTAND A
HORIZONTALLY APPLIED NORMAL LOAD OF 50 lbs. ON AN
AREA NOT TO EXCEED 12" x 12"
REFER TO BUILDING CODE FOR GLASS RAILING
REQUIREMENTS

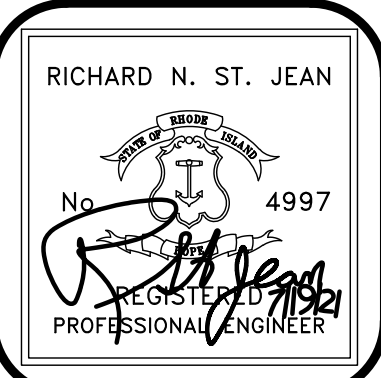
Perry Mill Wharf - Wharf Reconstruction
Newport, Rhode Island

Perry Mill Marina Llc,
Warwick,
334 Knight Street, Suite 11201
Rhode Island 02886

PREPARED FOR:

ST. JEAN ENGINEERING, LLC
CIVIL, MARINE AND STRUCTURAL
CONSULTING ENGINEERING

209 Arnold Neck Drive
Warwick, Rhode Island 02886
Phone: 401.398.0999
email: st.jean.engineering@verizon.net



ISSUED FOR PERMITTING

REVISIONS

Repairs to Timber Wharf
Elevation & Details

DESIGNED BY: R. ST. JEAN	DATE: JULY 19, 2021	SCALE: 3/16" = 1'-0"	
CHECKED BY:			

PROJ. NO.
SHT NO.

S4
4 OF 4