(401) 783-3370 Fax (401) 783-2069

#### **PUBLIC NOTICE**

File Number:	2010-05-070		Date:	April 24, 2025	
			•		

This office has under consideration the application of:

City of Newport Newport City Hall; 43 Broadway Newport, RI 02840

At a public hearing held on May 14, 2013, at the Department of Administration, the full Coastal Resources Management Council approved the construction and maintenance of a public "Touch and Go" boating facility extending 333 linear feet seaward/westerly of the existing "Ann Street Pier". The Decision of the Council limited docking of vessels to a maximum of forty (40) feet in length. The Decision of the Council limited docking of vessels to a period of no more than forty-eight (48) hours. The applicant proposes to modify the approval and Decision of the Council dated July 31, 2013 as follows:

- 1. Reduce the length of the extension from 333 linear feet to 210 linear feet as shown on the attached plan.
- 2. Allow for the docking of vessels with a length overall greater than forty (40) feet ("Event Vessels") for a period of more than forty-eight (48) hours, but not exceeding ninety-six (96) hours, for unique, limited circumstances ("Special Events"). Special Events shall be limited to three (3) per season between the period of May 1 and September 30.
- 3. Allow for docking of vessels with a length overall greater than forty (40) feet for a period of more than 48 hours in the offseason, defined as September 30 through May 1.

Project Location:	"Ann Street" public boating facility, Thames Street
City/Town:	Newport
Plat:	27
Waterway:	Newport Harbor, East Passage, Narragansett Bay

Plans of the proposed work can be requested at <a href="Cstaffl@crmc.ri.gov">Cstaffl@crmc.ri.gov</a>.

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 \_\_\_May 26, 2025\_.

Please email your comments/hearing requests to: <a href="mailto:cstaffl@crmc.ri.gov">cstaffl@crmc.ri.gov</a>; or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

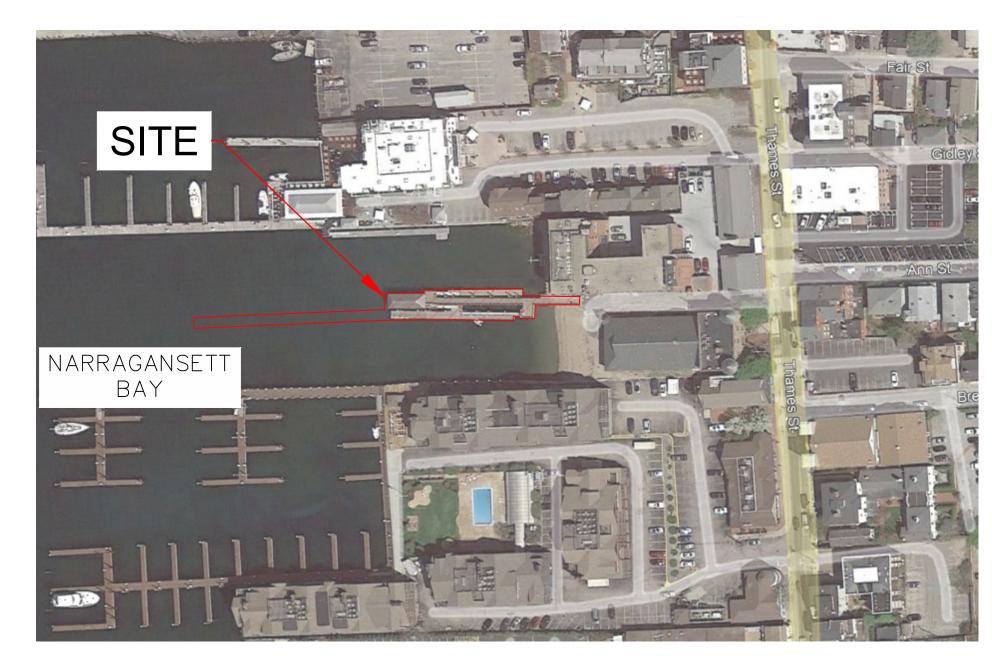
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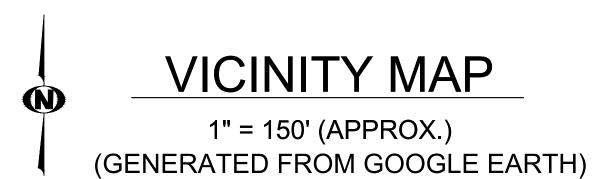
# EXPANSION OF ANN STREET PIER

## 365 THAMES STREET NEWPORT, RHODE ISLAND

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C-5	PROPOSED CONDITIONS PLAN
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PREPARED FOR
CITY OF NEWPORT
HARBORS DEPARTMENT
43 BROADWAY
NEWPORT, RI 02840





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DATE							
REVISION DESCRIPTION							
#							
EXPANSION OF ANN STREET PIER NEWPORT, RHODE ISLAND			TITLE SHEET				



DATE:
APRIL 14, 2025

DESIGN BY: SMR
DRAWN BY: BMF
CHECKED BY: SJR

PROJECT NUMBER:
24011.00



#### GENERAL NOTES

- THE AREA WHERE THE WORK IS PROPOSED IS DEVELOPED FROM THE SURVEY PERFORMED, PREPARED AND PROVIDED BY DIPRETE ENGINEERING TITLED "BOUNDARY SURVEY", ANN STREET PIER, NEWPORT, RI, AND DATED AUGUST 19, 2019. ADDITIONAL INFORMATION PROVIDED BY HARBOR ENGINEERING, LLC, TITLED "SHARED WATERWAY, AGREEMENT PLAN" TRANSMITTED TO FREG ON JULY 17, 2024. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF ACTUAL SITE GRADE AND LAYOUT CONDITIONS. FR ENGINEERING GROUP, INC. ACCEPTS NO RESPONSIBILITY FOR EXISTING SITE SURVEY INFORMATION.
- BATHYMETRIC SURVEY INFORMATION IS DEVELOPED FROM THE FILE 'SINGLE BEAM BATHYMETRIC SURVEY, ANN STREET BOAT RAMP & PIER, NEWPORT HARBOR, NEWPORT, RI', BY STEELE ASSOCIATES MARINE CONSULTANTS, LLC, DATED JUNE 11, 2024 AND THE ASSOCIATED AUTOCAD FILE TITLED '240611\_ANN\_ST\_NEWPORT\_RI\_1FT\_CONTS', TRANSMITTED TO FREG ON JULY 2, 2024.
- THE HORIZONTAL DATUM FOR THIS PROJECT IS THE R.I.S.P.C.S. (NAD 83). THE VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- THERE IS LIMITED HYDROGRAPHIC SURVEY INFORMATION AVAILABLE FOR THIS SITE. CHANGES TO ELEVATIONS ALONG THE SHORELINE SHOULD BE EXPECTED.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN IS APPROXIMATE AND HAS NOT BEEN VERIFIED. THE DRAWINGS MAKE NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE DRAWINGS DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT & POSITIONING OF ALL PROPOSED STRUCTURES AS SHOWN ON THE PROJECT DRAWINGS.
- CONTRACTOR SHALL MAINTAIN ADEQUATE SURVEY CONTROL AT ALL TIMES TO ESTABLISH AND MAINTAIN ALL LINES AND ELEVATIONS.
- 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 5. DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE EXISTING CONDITIONS ARE NOT OBLITERATED BEFORE CONTROL POINTS ARE 6. LOCATED AND CONSTRUCTION LAYOUT IS ESTABLISHED. THE CONSTRUCTION LAYOUT SHALL BE PROVIDED IN SUFFICIENT DETAIL, THEREBY ENABLING THEM TO CONSTRUCT THE PROJECT IN CONFORMITY WITH THE PLANS AND SPECIFICATIONS. SURVEY WILL BE PROVIDED BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR LAYOUT.
- 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 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.
- THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE PROJECT REGULATORY PERMITS AND ALL CONDITIONS OF THOSE PERMITS. THE CONTRACTOR IS ADVISED THAT THE REGULATORY PERMITS FOR THIS 4. PILE TOLERANCES SHALL BE AS FOLLOWS: PROJECT MAY CONTAIN ADDITIONAL REQUIREMENTS THAT, AFTER ANY ADDENDUM. SUPERSEDE THE DRAWING NOTES. THE CONTRACTOR IS FURTHER ADVISED THAT IN THE CASE OF ANY DISCREPANCIES WITHIN THE CONTRACT DOCUMENTS FOUND BEFORE CONSTRUCTION. THE FINAL 5. PILES SHALL BE INSTALLED IN A MANNER THAT DOES NOT DAMAGE THE NEW DECISION AS TO WHAT INFORMATION TAKES PRECEDENCE WILL BE MADE BY THE ENGINEER OF RECORD ON THE BASIS OF THAT INTENT.
- 12. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE CRMC ASSENT AND 6. USACE PERMIT ON SITE AND ADHERE TO ALL PERMIT STIPULATIONS.
- 13. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY CONSTRUCTION OPERATIONS INCLUDING ALL ACTIONS OR OMISSION OF ANY ENSURE THAT THE CONDITIONS OF ALL PERMITS, SPECIFICATIONS AND FEDERAL, STATE, AND LOCAL REGULATIONS ARE STRICTLY ENFORCED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL ASPECTS OF ON-SITE SAFETY INCLUDING ANY DAMAGE TO EXISTING STRUCTURES.
- 4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN UNANTICIPATED OR APPARENTLY DANGEROUS CONDITIONS ARE UNCOVERED DURING CONSTRUCTION OR DEMOLITION.
- 15. CONTRACTOR SHALL AT ALL TIMES BE SOLELY RESPONSIBLE FOR EXERCISING REASONABLE PRECAUTION TO PROTECT THE HEALTH, SAFETY AND WELFARE OF ALL ON-SITE PERSONNEL, THE PUBLIC AND THE ENVIRONMENT DURING PERFORMANCE OF THE WORK DESCRIBED WITHIN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF FEDERAL, STATE AND LOCAL HEALTH AND SAFETY AND OCCUPATIONAL HEALTH AND SAFETY STATUTES AND CODES.
- 16. CONTRACTOR SHALL NOT STORE ANY MATERIALS BELOW MHW ELEVATION.
- ALL TYPES OF WASTE GENERATED AT THE SITE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH FEDERAL, STATE AND LOCAL REGULATIONS.
- 18. ALL WORK SHALL BE IN ACCORDANCE WITH THE LOCAL, STATE, FEDERAL, AND UTILITY COMPANY REQUIREMENTS.
- 19. IF DURING THE COURSE OF WORK UNFORESEEN CONDITIONS ARE ENCOUNTERED THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER OF RECORD IMMEDIATELY FOR DISPOSITION.
- 20. DAMAGE TO ANY PROPERTY, PRIVATE OR OF PUBLIC TRUST, OCCURRING 3. DURING THE CONSTRUCTION BY THE CONTRACTOR, SHALL BE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
- . 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.

#### GENERAL NOTES (CONTINUED)

- RESOURCES FROM INTRUSION BY TURBID WATERS, CONSTRUCTION DEBRIS, CONSTRUCTION EQUIPMENT, OR PERSONNEL DURING ALL WORK ACTIVITIES.
- 23. WORK SHOWN ON THE PLANS FOR WHICH THERE ARE NO PARTICULAR DETAILS OR SPECIFICATIONS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING THE WORK. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE CONTRACT DOCUMENTS AND PLANS AND INSPECT THE SITE, AND THE BID PRICE SHALL INCLUDE ALL SERVICES AND MATERIALS NECESSARY TO COMPLETE THE PROJECT. ANY CHANGES TO THE PROJECT OR THE INSTALLATION OF AN ITEM FOR WHICH NO PARTICULAR DETAIL OR SPECIFICATION WAS PROVIDED MUST BE REVIEWED BY AND MUST BE ACCEPTED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- 24. ALL REMOVE AND SALVAGE ITEMS SHALL BE SECURED AND STORED ONSITE.
- 25. PROVIDE ALL MATERIAL, EQUIPMENT, AND TOOLS NECESSARY TO COMPLETE THE WORK. THE OWNER WILL NOT PROVIDE SECURITY AND ASSUMES NO RESPONSIBILITY OR LIABILITY FOR ANY MATERIALS, EQUIPMENT OR TOOLS STORED AT ITS PROPERTY.

#### DESCRIPTION OF WORK

- 1. THE WORK COVERED UNDER THESE CONTRACT DOCUMENTS, INCLUDING THE DRAWINGS, GENERAL NOTES, CRMC PERMIT APPROVALS AND STIPULATIONS AND ALL REVISIONS, CONSIST OF PROVIDING ALL LABOR, SUPERVISION, EQUIPMENT, APPLIANCES, AND MATERIALS AND IN PERFORMING ALL OPERATIONS IN CONNECTION WITH AT LEAST, BUT NOT NECESSARILY LIMITED TO, THE FOLLOWING ITEMS:
- R&D EXISTING FLOATING DOCKS SCHEDULED FOR REPLACEMENT;
- 3. IF DETERMINED NECESSARY BY CONTRACTOR, REMOVE AND INSPECT EXISTING PILES FOR RE-USE;
- INSTALLATION OF NEW CONCRETE FLOATING DOCK SYSTEM AND STEEL PIPE PILES, INSTALLATION OF REPLACED IN-KIND TIMBER FLOATING DOCKS INCLUDING RE-INSTALLATION OR REPLACEMENT OF TIMBER PILES IF TEMPORARILY REMOVED, AND:
- INSTALLATION OF ALL ACCESSORY ITEMS INCLUDING BUT NOT LIMITED TO GANGWAYS, ELECTRICAL SYSTEM AND PEDESTALS, WATER SYSTEM, SEWER PUMP-OUT, SAFETY LADDERS, ETC.
- THE CONTRACTOR SHALL PROVIDE ALL ITEMS AND ACCESSORIES REQUIRED TO COMPLETE ALL ASPECTS OF THE WORK NEEDED FOR A COMPLETE AND PROPER INSTALLATION, ALL IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS.

#### <u>STEEL PIPE PILES</u>

- DOCK GUIDE PILES SHALL BE STEEL PIPE PILES WITH HDPE SLEEVES PER THE ENGINEER'S & CONCRETE DOCK MANUFACTURER'S REQUIREMENTS AS 9. FURTHER OUTLINED BELOW. PILES HAVE BEEN DESIGNED TO WITHSTAND THE FEMA 1% FLOOD AND WIND EVENT, WITHOUT CONCRETE DOCKS BECOMING DETACHED FROM THE GUIDE PILES. DESIGN ASSUMES NO VESSELS @ THE FACILITY DURING THE STORM EVENT.
- FAILURE TO CONSIDER ANY CONDITION OF THE REGULATORY PERMITS AS A 2. THE PROJECT DESIGN ASSUMES THE FOLLOWING STEEL PIPE PILES WILL BE USED TO ANCHOR THE DOCKS:
  - 2.1. PP20X0.5 STEEL PIPE PILES, WITH MINIMUM YIELD STRENGTH, Fy = 50 KSI
  - 3. PILES SHALL BE INSTALLED FULL LENGTH; NO SPLICES ARE ALLOWED IN THE DOCK PILES.

- 4.1. FOR PILES DRIVEN THROUGH DOCK WELLS, PILES SHOULD BE DRIVEN TO BE WITHIN 1" ± OF BEING CENTERED IN THE WELL.
- DOCKS. ANY DAMAGE CAUSED BY PILE DRIVING SHALL BE REPAIRED TO THE OWNERS SATISFACTION AT NO ADDED COST.
- THE SUBSURFACE INVESTIGATION INDICATES THAT BEDROCK WILL LIKELY BE ENCOUNTERED AT SOME PILE LOCATIONS, CONTRACTOR SHALL DRIVE & SOCKET PILES INTO BEDROCK WHEN BEDROCK IS ENCOUNTERED. PILE ROCK SOCKETS SHALL BE GROUTED IN PLACE.
- SUBCONTRACTORS, AGENTS OR EMPLOYEES. THE CONTRACTOR MUST 7. THE SUBSURFACE INVESTIGATION INDICATES HARD DRIVING AND OBSTRUCTIONS SHOULD BE ANTICIPATED FOR ALL PILE INSTALLATIONS. REGARDLESS. THE CONTRACTOR SHALL INSTALL ALL PILES TO THE REQUIRED MINIMUM TIP ELEVATION (OR EMBEDMENT REQUIREMENTS) AS INDICATED IN THE PLANS. THIS MAY REQUIRE SPUDDING, ROLLERBITTING, AND/OR DRILLING THROUGH OBSTRUCTIONS/BEDROCK TO ADVANCE THE PILES. EXCAVATION OF OBSTRUCTION IS NOT ALLOWS DUE TO THE EFFECT ON LATERAL PILE CAPACITY. THERE SHALL BE NO ADDITION COST TO THE OWNER IF OBSTRUCTIONS AND/OR HARD DRIVING ARE ENCOUNTERED REQUIRING ANY OF THE MITIGATIVE MEASURES ABOVE TO COMPLETE PILE INSTALLATION (THIS INCLUDES USING OTHER MITIGATION REQUIRED AS NECESSARY).
  - COAT ALL PIPE PILES ON THE OUTSIDE SURFACE STARTING FROM THE BOTTOM OF THE PILE AND EXTENDING FULL LENGTH TO THE TOP OF PILE (E.G., FOR A 60 FT LONG PILE THE UPPER 55 FT SHALL BE COATED).

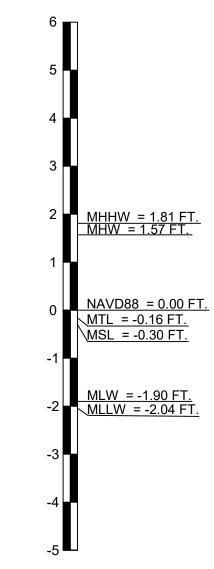
### FLOATING DOCKS

- CONCRETE FLOATING DOCKS TO BE DESIGNED BY THE DOCK MANUFACTURER. CONCRETE FLOATING DOCK SHOP DRAWINGS TO BE SUBMITTED TO THE ENGINEER/THE CITY FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- 2. TIMBER FLOATS TO BE DESIGNED BY THE CONTRACTOR/MANUFACTURER. TIMBER FLOAT DESIGNER MUST ACCOUNT FOR THE GANGWAY WEIGHT AND LENGTH BEING OFFSET FROM FLOAT ALIGNMENT AND LENGTH. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS TO THE ENGINEER FOR APPROVAL.
- CONCRETE FLOATING DOCKS SHALL BE CONSTRUCTED TO MEET THE DIMENSIONAL REQUIREMENTS SHOWN ON THE PLANS.
- 4. CONCRETE FLOATING DOCK LIVE LOAD SHALL BE 100 PSF MINIMUM. A CONCENTRATED LOAD OF 500 LBS LOCATED ANYWHERE ALONG THE DOCK SHALL NOT TILT THE DOCK MORE THAN 4 DEGREES IN THE HORIZONTAL PLANE.

#### FLOATING DOCKS (CONTINUED)

- LANDSIDE TOPOGRAPHY AND EXISTING CONDITIONS PLAN INFORMATION FOR 22. THE CONTRACTOR SHALL PROTECT ALL WETLANDS AND COASTAL 5. THE CONCRETE DOCK SHALL HAVE 24" ± 1" OF FREEBOARD AT FULL DEAD
  - THE CONCRETE DOCK SHALL BE SO CONSTRUCTED (BALLASTED) SUCH THAT CONCENTRATED LOADS FOR THE GANGWAY AND GANGWAY PLATFORM SHALL NOT CAUSE EXCESSIVE DOCK TILT (MORE THAN 2 DEGREES) IN EITHER DIRECTION.
  - CONCRETE FLOATING DOCKS SHALL BE CONSTRUCTED TO SURVIVE A CATEGORY 4 STORM (140 MPH, 3-SEC. GUST) AND THE 1% COASTAL STORM EVENT AS DESCRIBED IN FEMA FLOOD INSURANCE STUDY NUMBER 44005CV000C. SURVIVAL SHALL MEAN FLOATING DOCKS DO NOT SUSTAIN DAMAGE THAT WOULD RENDER THEM UNUSABLE, AND THE CONNECTIONS BETWEEN THE DOCKS DO NOT FAIL.
  - ALL HARDWARE USED IN THE CONSTRUCTION AND CONNECTIONS OF FLOATING DOCKS SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL GRADE 316.
  - ALL GANGWAYS AND GANGWAY LANDINGS TO BE CONSTRUCTED OF MARINE GRADE ALUMINUM WITH NON SKID WALKING SURFACES CAPABLE OF SUSTAINING A MINIMUM LIVE LOAD OF 100 PSF.

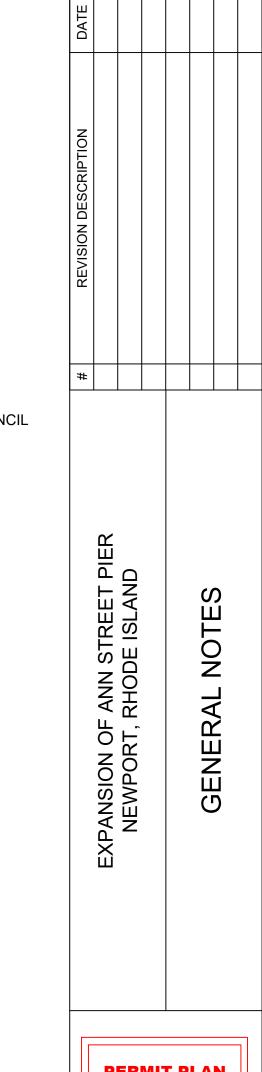
- ALL DIMENSIONS ARE IN FEET AND DECIMAL FEET. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- 2. FLOATING DOCKS ARE TO BE DESIGNED FOR TYPE IIA MOORING SERVICE, THIS CATEGORY COVERS MOORINGS FOR STANDARD WEATHER (SUSTAINED WINDS OF LESS THAN 50 KNOTS) AND CURRENTS LESS THAN 1.5 KNOTS.
- 3. LIVE LOAD UNIFORMLY DISTRIBUTED LOAD OF 100 POUNDS PER SQUARE
- NORMAL TIDAL RANGE 3.5± FT.
- DOCK FACILITY IS DESIGNED AS TRANSIENT & TOUCH AND GO DOCKAGE, NO OVERNIGHT DOCKAGE.
- WAVE LOADS IF WAVES ARE IN EXCESS OF THE FOLLOWING OPERATIONAL PARAMETERS, ALL OPERATIONS AND BERTHING SHALL BE TERMINATED UNTIL CONDITIONS SUBSIDE TO BELOW THE FOLLOWING CONDITIONS: SEAS IN EXCESS OF +1 FT. (MHHW)
- CURRENTS DESIGN CURRENT ON MOORED VESSEL = 3% OF WIND = 1.5
- 8. TEMPERATURE RANGE = 60 DEGREES FAHRENHEIT ABOVE AND BELOW MEAN AMBIENT TEMPERATURE.
- BERTHING FORCES: BERTHING SPEED (ALL VESSELS) 1FT/SEC.



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

#### ABBREVIATIONS

	ABBILE VIATIONS		
AB	ANCHOR BOLT	MAX	MAXIMUM
ADDL	ADDITIONAL	MECH	
ALT	ALTERNATE	_	MECHANICAL
ALUM	ALUMINUM	MFR	MANUFACTURER
ALOW A.P.	ASSESSORS PLAT	MHW	MEAN HIGH WATER
A.F. ARCH	ARCHITECTURAL	MHHW	MEAN HIGHER HIGH WATER
		MLW	MEAN LOW WATER
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	MLLW	MEAN LOWER LOW WATER
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MTL	MEAN TIDE LEVEL
BIT.	BITUMINOUS CONCRETE	MSL	MEAN SEA LEVEL
BM	BEAM	MPL	MARINA PERIMETER LIMITS
BOF	BOTTOM OF FOOTING	MIN	MINIMUM
BOT,B	BOTTOM	N/F	NOW OR FORMALLY
CJ	CONSTRUCTION JOINT	NIC	NOT IN CONTRACT
CLR	CLEAR	NTS	NOT TO SCALE
CL	CENTERLINE	OAL	OVERALL LENGTH
CMU	CONCRETE MASONRY UNIT	OC	ON CENTER
COL	COLUMN	OF	OUTSIDE FACE
CONC	CONCRETE	O.H.D	OVERHEAD DOOR
CONT	CONTINUOUS	OPNG	OPENING
DEG	DEGREE	PC	PIECE
DET	DETAIL	PCF	POUNDS PER CUBIC FOOT
DIA	DIAMETER		
DIR	DIRECTION	PJF	PREMOLDED JOINT FILLER
DN	DOWN	PLT	PLATE
D.M.H	DRAINAGE MANHOLE	PROJ	PROJECTION
D.W.T	DRAWING	PSF	POUNDS PER SQUARE FOOT
DWL	DOWEL	PSI	POUNDS PER SQUARE INCH
		P.T.	PRESSURE TREATED
EA	EACH	R&D	REMOVE AND DISPOSE
EF	EACH FACE	SECT	SECTION
EJ	EXPANSION JOINT	SF	SQUARE FOOT
EL,ELEV	ELEVATION	SIM	SIMILAR
EW	EACH WAY	SOE	SUPPORT OF EXCAVATION
EXTG	EXISTING	SPECS	SPECIFICATIONS
FD	FLOOR DRAIN	SQ	SQUARE
FF	FINISH FLOOR	S.M.H	SEWER MANHOLE
F&I	FURNISH AND INSTALL	SS	STAINLESS STEEL
FIN	FINISH	SSPC	STEEL STRUCTURES PAINTING COUNC
FL	FLOOR	STD	STANDARD
FTG	FOOTING	STL	STEEL
FREG	FR ENGINEERING	STRUCT	STRUCTURAL
GA.	GAUGE	SWL	STILL WATER LEVEL
GALV	GALVANIZE (HOT DIP)	SYM	SYMMETRICAL
HDG	HOT DIPPED GALVANIZED		
HORIZ, H	HORIZONTAL	THK	THICK
HH	HEAVY HEX	TOC	TOP OF CONCRETE
HP	HIGH POINT	TOF	TOP OF FOUNDATION
I.A.W	IN ACCORDANCE WITH	TOW	TOP OF WALL
		TOS	TOP OF SLAB or TOP OF STEEL
IF LC	INSIDE FACE	TR	TREADS
LG	LONG	TYP	TYPICAL
LLH	LONG LEG HORIZONTAL	UON	UNLESS OTHERWISE NOTED
LLV	LONG LEG VERTICAL	VERT,V	VERTICAL
LP	LOW POINT	ws	WATER STOP, WATER SURFACE
		\	WELDED WIDE EARDIO



### FLOOD ZONE NOTE:

1. THE ENTIRE WATERWAY IS SITUATED IN A ZONE 'VE' (EL. +13 NAVD88) AS DESIGNATED ON THE 'NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, NEWPORT COUNTY, RHODE ISLAND (ALL JURISDICTIONS), PANEL 177 OF 226, MAP NUMBER 44005C0177J MAP REVISED: SEPTEMBER 4, 2013. FEDERAL MANAGEMENT AGENCY'.



WELDED WIRE FABRIC



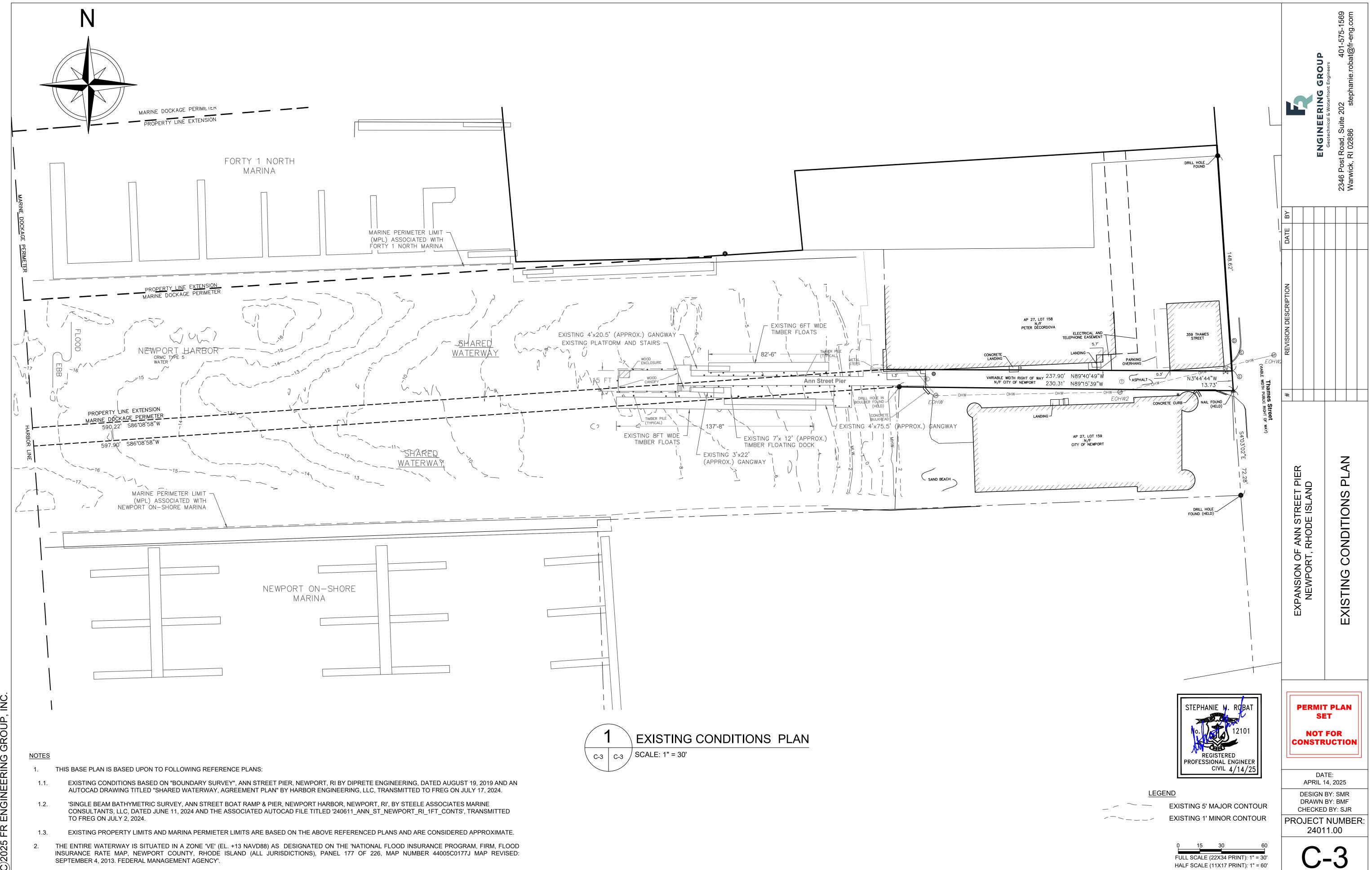
DATE: APRIL 14, 2025

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SHEET 2 OF 6



SHEET 3 OF 6

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