

State of Rhode Island and Providence Plantations 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

# **APPLICATION FOR STATE ASSENT**

To perform work regulated by the provisions of Chapter 279 of the Public Laws of 1971 Amended.

5 Halidon Ave. Newport	File No. (CRMC USE ONLY)
Project Location	2022-09-020
No. Street City/Town	
New York Yacht Club	Plat: 41
Owner's Name New York Yacht Club	Lot(s): 12
5 Halidon Ave. Newport, Rt 02840	Owner's Contact: Joshua Parks (attorney
Mailing Address	Number: 401-274-7200
Address City/Town, State Zip Code	Email Address: jparks@apslaw.com
at this time - to be provided once	Email address: unknown at this time
Contractor RI Reg. # unknown Address contract is signed	Tel. No. unknown at this time
Designer Richard St. Jean, P.E. 209 Arnolds Neck Drive Address Warwick, RI 02886	Tel. No. 401-398-0999
Name of Waterway Newport Harbor	Estimated Project Cost (EPC): \$3,300,000
	Application Fee: \$16,750
than 150' from the nearest mooring. NYYC additionally seeks to replace and recon	ngulo the heating freedom cooks. I si
additional details, please see the project narrative attached as Exhibit A.  Have you or any previous owner filed an application for and/or received an (If so please provide the file and/or assent numbers): Please see attached Exhibit B.	assent for any activity on this property?
Additional details, please see the project narrative attached as Exhibit A.  Have you or any previous owner filed an application for and/or received an (If so please provide the file and/or assent numbers): Please see attached Exhibit B.  Is this site within a designated historic district?	assent for any activity on this property?
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#### STATEMENT OF DISCLOSURE AND APPLICANT AGREEMENT AS TO FEES

The fees which must be submitted to the Coastal Resources Management Council are based upon representations made to the Coastal Resources Management Council by the applicant. If after submission of this fee the Coastal Resources Management Council determines that an error has been made either in the applicant's submission or in determining the fee to be paid, the applicant understands that additional fees may be assessed by the Coastal Resources Management Council. These fees must be paid prior to the issuance of any assent by the Coastal Resources Management Council.

The applicant understands the above conditions and agrees to comply with them.

Owner Signature

Date

Print Name and Mailing Address

02840



## ADLER POLLOCK @ SHEEHAN P.C.

49 Bellevne Avenue Newport, RI 02840-3207 Telephone 401-847-1919 Fax 401-751-0604

One Citizens Plaza, 8th Floor Providence, RI 02903-1345 Telephone 401-274-7200 Fax 401-751 0604 /401-351-4607

175 Federal Street Boston, MA 02110-2210 Telephone 617-482-0600 Fax 617-482-0604

www.apslaw.com

September 7, 2022

Via FedEx Coastal Resources Management Council Oliver Stedman Government Center 4808 Tower Hill Road, Suite 116 Wakefield, RI 02879

Re: CRMC File No. 2022-09-020

Dear CRMC:

This office represents applicant New York Yacht Club, located at 5 Halidon Avenue in Newport, regarding the above-referenced file number. Enclosed please find three hard copies of Applicant's Assent Application, drawings, large scale plan, project narrative, list of prior assents, photographs of the coastal feature, and proof of ownership. The executed application and check have been previously sent to you and I have additionally forwarded by email all of the enclosed.

Please do not hesitate to contact me if you have any questions or need anything further. Thank you for your assistance.

Very truly yours,

JOSHUA S. PARKS iparks@apslaw.com

Encl.

RECEIVED
SEP U 8 2022
COASTAL RESOURCES
MANAGEMENT COUNCIL

## TAX ASSESSOR CITY OF NEWPORT 43 BROADWAY NEWPORT, RI

August 11, 2022

State of Rhode Island and Providence Plantations Coastal Resources Management Council Oliver E. Stedman Government Center Tower Hill Road Wakefield, Rhode Island 02879

To Whom It May Concern:

The documents on file in the Land Evidence Records of the City of Newport, Rhode Island, Book 420 Page 324 indicate that NEW YORK YACHT CLUB are the owners of the real estate designated as Plat 41 Lot 012 and located at 5, 11 & 13 HALIDON AVE in the City of Newport, RI.

Respectfully,

Renee Howellel Senior Clerk



#### **EXHIBIT A – PROJECT NARRATIVE**

The New York Yacht Club Harbour Court ("NYYC") is a private yacht club located on the shores of Brenton Cove in Newport, Rhode Island. The property, which consists of approximately eight acres, is identified by the address 5 Halidon Avenue, Newport, Rhode Island, and recorded on plat map 41, lot 12 in the Land Evidence Records of the City of Newport. The waters in front of the property are Type 3 waters.

The property has historical significance to Rhode Island. It was constructed in 1906 for John Nicholas Brown. It served as a residence for the Brown family from its construction until 1987, when it was sold to NYYC. Mr. Brown had previously served as Commodore of NYYC for a period in the 1950s.

Relevant to the instant application, the property has long been used to support recreational waterborne activity. The property has approximately 900 linear feet that directly fronts Newport harbor, which contains a granite seawall, a granite pier, and currently contains both a fixed wooden pier and floating docks. The current wooden pier extends 130 feet northwards from the granite pier into the harbor. At its northern end, the wooden pier has a 50 foot "L" that extends to the east. Directly to the east of the wooden pier, and affixed to same, is a 130' concrete floating dock. There are additionally two 100' wooden floating docks that extend from the granite pier to the east/northeast. The docks are primarily used by NYYC members and guests for "touch and go" and short-term docking. The docks are also used to support NYYC's hosting of numerous nationally and internationally significant regattas, which attract large numbers of sailors to Newport each summer. The two floating docks are also used for small dinghy/tender docking and storage of the NYYC launches and regatta support vessels. There is no overnight docking at the property for private, member or guest vessels, and NYYC does not seek to change or otherwise modify that prohibition. The property also has a boathouse. constructed in the early twentieth century, that services the waterborne activity at the piers and floating docks.

NYYC seeks to modernize its current wooden pier and floating dock system. NYYC seeks to remove the wooden pier that extends both northwards and eastwards and replace with modern, wave attenuating concrete floating docks. The north/south floating dock would be placed in the same location that the current wooden pier is located. In the 35 years since the wooden pier was installed, dock construction standards have evolved, and the wave attenuating floating dock system as proposed represents the current best practices. The floating dock system as proposed is safer to use, requires less maintenance, and produces less of a visual impact than the existing wooden pier.

In addition to replacing the wooden pier with floating docks, NYYC desires to extend the current 50 foot "L" an additional 148' in its current direction. This extension will provide for more efficient and safer docking than the existing fixed wooden pier, which limits access by the vessels that currently dock at NYYC, particularly at lower tides. The proposed extension is wholly within NYYC's riparian rights and does not conflict with any other stakeholders' uses of the water. The end of the proposed extension remains more than two hundred feet from NYYC's



property line. The proposed extension does not come any closer than one hundred eighty-eight feet from the nearest mooring, well in excess of the 50-foot restriction.

NYYC additionally seeks to slightly extend the two 100' wooden floating docks that currently extend from the granite pier in a "V" pattern, to 132' and 122', respectively. In addition to the slight extension, which will make maneuvering both dinghies and regatta support vessels more streamlined, NYYC wishes to align the two wooden docks parallel to each other and perpendicular to the north-south proposed float. This will climinate the awkward acute angle currently caused by the north-most of the two floating docks and make it easier for vessels to maneuver.

## NYYC is requesting a CRMC Assent for the following:

- Remove the existing fixed wooden pier and associated floating docks;
- Replace the fixed wooden pier with concrete floating docks as further detailed in the attached drawings and specifications;
- Extend the east-west running "L" 148' in its current direction (north-south running pier to be replaced with floating concrete docks of the same length);
- Replace the two 100' east-west running wooden floating docks with two floating docks of 132' and 122', slightly reconfigured to a parallel alignment with each other; and
- Replace the associated utilities (pump-out, electric, and water).

The above-described proposed activity is allowed per Table 1 of the CRMC Redbook as a Category B application.

#### The project specifics are as follows:

- Water Use Category: Type 3
- Shoreline Feature: Manmade Granite Block Seawall
- Water Use Map: Newport Quadrangle 2018
- Lot Size: ∼8 acres
- Alteration or Activity: Removal of fixed wooden pier and replacement with extended concrete floating docks
- The shoreline is not in a critical erosion area.

**Section 1.1.7 – Variance Requested**. The proposed activity is an allowed use in Type 3 waters as a Category B application and NYYC is not requesting any variances.

#### Section 1.3.1 A – Category B Requirements (Tidal Waters).

a. Demonstrate the need for the proposed activity or alteration.

The current timber pier is approximately 30 years old and the frequency and cost of annual repairs is rising. Additionally, storms and high tides have resulted in significantly more frequent overtopping of the fixed structure than in recent history and engineers have advised that it is only a matter of time until the force of the water demolishes the pier. Switching from a fixed pier structure to floating



concrete docks alleviates these concerns and reflects current industry best practices. Extending the east-west running "L" and reconfiguring the current floating docks will permit easier access to the docks – and safer maneuvering space – for NYYC's current visitors.

b. Demonstrate that all applicable local zoning ordinances, building codes, flood hazard standards, and all safety codes, fire codes, and environmental requirements have or will be met; local approvals are required for activities as specifically prescribed for nontidal portions of a project in §§ 1.3.1(B), (C), (F), (H), (I), (K), (M), (O) and (Q) of this Part; for projects on state land, the state building official, for the purposes of this section, is the building official.

All work will comply with all applicable local, state, and federal requirements.

c. Describe the boundaries of the coastal waters and land area that is anticipated to be affected.

This project will take place in Type 3 waters located in Newport. The land feature consists of a granite block/stone seawall that is additionally undergoing work (for which an asset has already been received, see Assent No. 2021-08-096). The proposed project will not affect the land area, as the ramps connecting the docks to the land will be located in substantially the same places.

d. Demonstrate that the alteration or activity will not result in significant impacts on erosion and/or deposition processes along the shore and in tidal waters.

The work will be undertaken using experienced marine contractors who have significant experience in constructing docks. No sediment will be deposited and the placing of piles will not create erosion. No dredging is taking place.

e. Demonstrate that the alteration or activity will not result in significant impacts on the abundance and diversity of plant and animal life.

The replacement of the fixed timber pier with floating docks should decrease the number of piles in the water. The piles themselves are approximately 20" in diameter. NYYC is conducting an SAV study and will use same to ensure that the work does not impact any discovered plant or animal life.

f. Demonstrate that the alteration will not unreasonably interfere with, impair, or significantly impact existing public access to, or use of, tidal waters and/or the shore.

The upland site is private property, bounded by a granite seawall, and there is no public access. The proposed dock is well within NYYC's property line extensions and remains well clear of all existing moorings.



g. Demonstrate that the alteration will not result in significant impacts to water circulation.

The project will involve the placing of 20" diameter piles. There is no large structure being placed in the water. The placing of the piles will not have any significant impact to water circulation, flushing, turbidity, and sedimentation.

h. Demonstrate that there will be no significant deterioration in the quality of the water in the immediate vicinity as defined by DEM.

The placement of piles in the water, in conformance with industry standard dock-building practices, will not deteriorate the quality of the water.

i. Demonstrate that the alteration or activity will not result in significant impacts to areas of historic and archaeological significance.

The shoreline immediately upland of the proposed project is manmade, and currently undergoing restoration efforts. The proposed project conforms to the property's use as a private yacht club. There are no known areas of archaeological significance.

j. Demonstrate that the alteration or activity will not result in significant conflicts with water dependent uses and activities such as recreational boating, fishing, swimming, navigation, and commerce.

The project is located in Type 3 waters and will serve to augment, not conflict with, with the current water dependent uses, which consists primarily of recreational boating. No other uses (e.g. swimming, fishing, etc.) occur in the area. The project will improve recreational boating access and navigational safety to the area.

k. Demonstrate that measures have been taken to minimize any adverse scenic impact (see § 1.3.5 of this Part).

Scenic views should improve as a result of this project, as the floating docks will always remain on the level of the water, as opposed to the existing fixed pier, which at low tide stands significantly above the water level.

Section 1.3.1 B – Filling, removing, or grading of shoreline features.

Not applicable.

Section 1.3.1 C - Residential, commercial, industrial, and recreational structures.

Not applicable.



## Section 1.3.1 D - Recreational boating facilities.

NYYC is proposing upgrading the existing docks at a private yacht club, which hosts sailing events open to the public to enter. It does not conduct residential, commercial, or industrial operations, nor does it conduct marina operations. The proposed upgrade is wholly within NYYC's property line extensions, more than fifty feet from the nearest mooring field, and there are no federal navigation channels that impact this project. NYYC will replace the currently existing marine pump out facilities. As part of the proposed upgrade, the new floating docks will be ADA-compliant, whereas the currently existing fixed pier is not.

# 1.3.1 E - Mooring and anchoring of houseboats and floating businesses.

Not applicable.

## 1.3.1 F - Treatment of sewage and stormwater.

Not applicable.

#### 1.3.1 G - Shoreline protection.

The shoreline landward of the proposed project is granite block seawall, initially constructed in the early 1900s, that is the subject of an assent to rehabilitate same. Certain of the proposed floating docks would be wave attenuating docks, which can reduce the impact of waves and swells on the shoreline. The proposed project will therefore have no negative impact on erosion, sediment dynamics, or stability and will aid in increasing the longevity of the seawall.

# 1.3.1 H - Energy-related activities and structures.

Not applicable.

#### 1.3.1 I - Dredging and dredged material disposal.

Not applicable.

#### 1.3.1 J - Filling in tidal waters.

Not applicable.

#### 1.3.1 K - Aquaculture.

Not applicable.



## 1.3.1 L - Coastal wetland mitigation.

Not applicable.

# 1.3.1 M - Public roadways, bridges, parking lots, railroad lines and airports.

Not applicable.

## 1.3.1 N - Maintenance of structures.

Not applicable.

# 1.3.1 O - Municipal harbor regulations.

Not applicable.

# 1.3.1 P - Boat lift and float lift systems.

Not applicable.

#### 1.3.1 Q – Wetland walkover structures.

Not applicable.

# 1.3.1 R - Submerged aquatic vegetation and aquatic habitats of particular concern.

NYYC is conducting an SAV survey which shall comply with the requirements of 1.3.1(R)(3)(d) and will avoid any negative impact to SAV habitat. The results from the SAV survey will be provided once they are available.



# **EXHIBIT** B

# List of Prior Assents by File Number

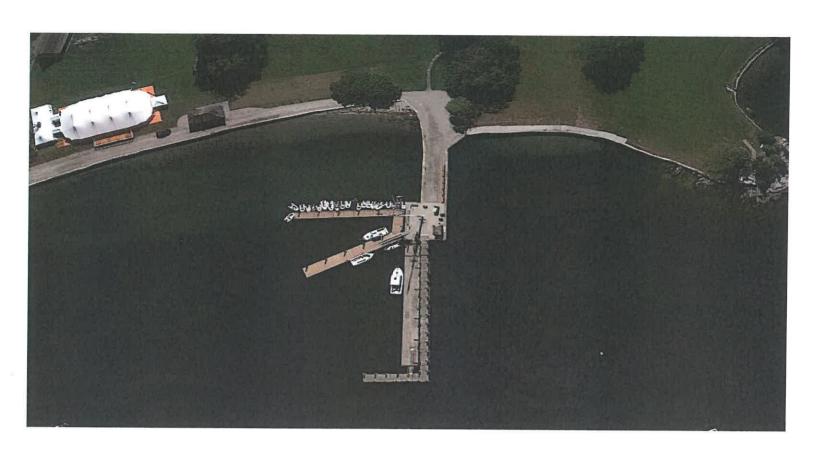
- 1989-03-003
- 1994-04-006
- 1994-07-049
- 1996-04-012
- 1997-10-027
- 1998-06-115
- 1999-11-028
- 2000-03-065
- 2003-12-060
- 2004-04-028
- 2004-04-093
- 2004-06-076
- 2005-02-056
- 2005-09-081
- 2007-09-048
- 2013-02-011
- 2013-09-113
- 2015-01-031
- 2015-09-035
- 2021-08-096



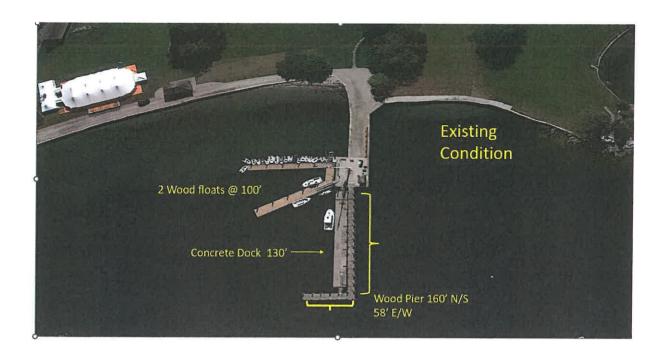
# Photographs of Coastal Feature:



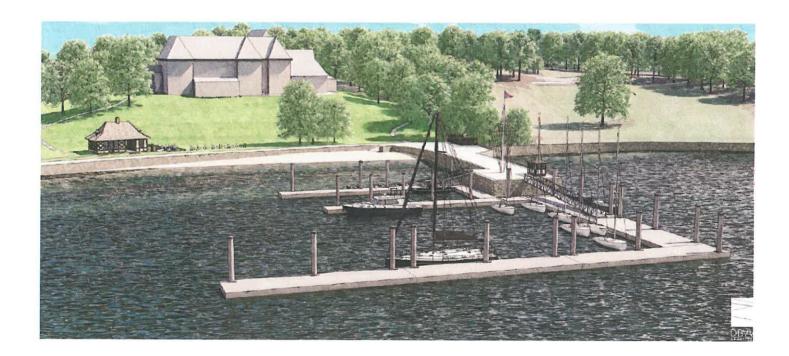




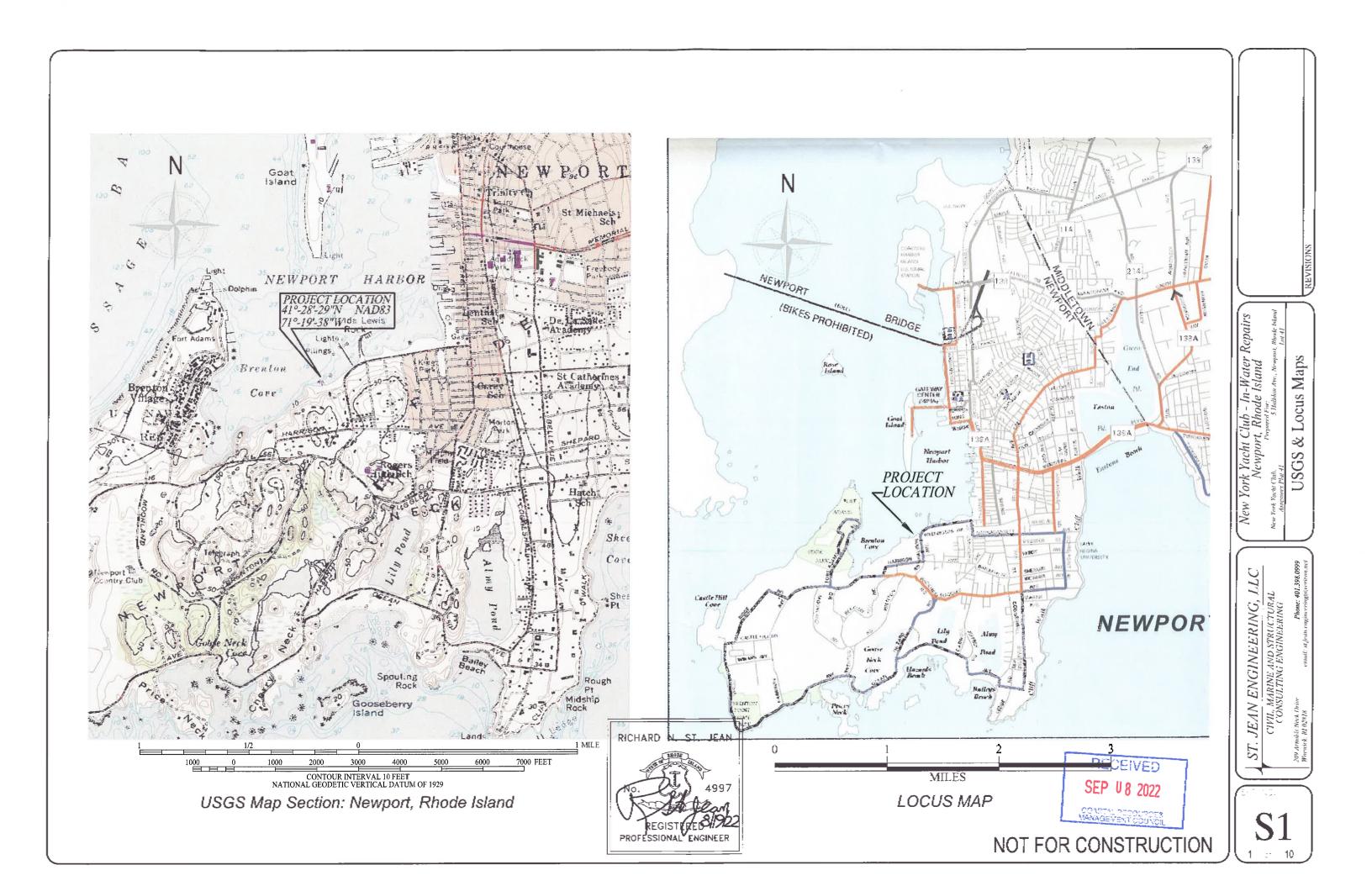




# Proposed:







# **GENERAL NOTES:**

- 1. PROPERTY LINES AND HARBOR LINE WERE ESTABLISHED BY NORTHEAST ENGINEERS & CONSULTANTS, INC., 55 CLARKE ROAD, MIDDLETOWN RHODE ISLAND 02842. 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 JULY. 2022.
- 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 MEAN LOW WATER (MLW).
- 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.
- 7. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE CRMC ASSENT ON SITE AND 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.
- 10. 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.
- 11. THE CONTRACTOR SHALL PROTECT ALL WETLANDS AND COASTAL RESOURCES FROM INTRUSION BY TURBID WATERS, CONSTRUCTION DEBRIS, CONSTRUCTION EQUIPMENT, OR PERSONNEL DURING ALL WORK ACTIVITIES.
- 12. 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.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT & POSITIONING OF ALL PROPOSED STRUCTURES AS SHOWN ON THE PROJECT DRAWINGS.
- 14. CONTRACTOR SHALL REMOVE EXCESS MATERIALS AND DISPOSE OFFSITE.
- 15. CONTRACTOR SHALL NOT STORE ANY MATERIALS BELOW MHW ELEVATION.

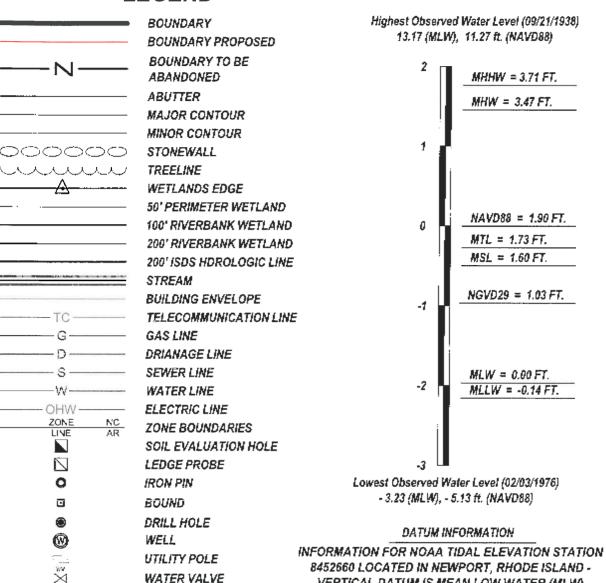
# **LEGEND**

GAS VALVE

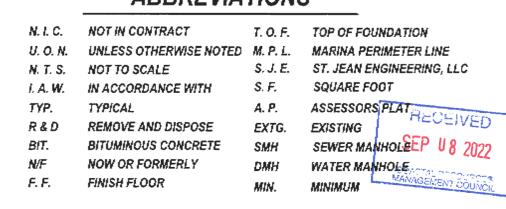
**BORING LOCATION** 

HYDRANT

RICHARD N. ST. JEAN



# **ABBREVIATIONS**



NOT FOR CONSTRUCTION

VERTICAL DATUM IS MEAN LOW WATER (MLW)

Repairs Legend Š Notes , York Yac. General

New

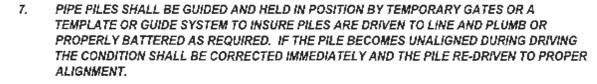
CCIVII, MARINE AND STRUCTURA CONSULTING ENGINEERING

ENGINEERING, JEAN ,

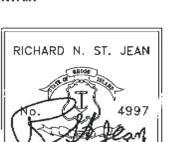
# STEEL PIPE PILES:

- DOCK GUIDE PILES SHALL BE HIGH STRENGTH, HEAVY WALL, STEEL PIPE PILES PER THE ENGINEER'S & CONCRETE DOCK MANUFACTURER'S REQUIREMENTS. PILES SHALL BE DESIGN TO WITHSTAND THE FEMA 1% FLOOD AND WIND EVENT, WITHOUT THE CONCRETE DOCKS BECOMING DETACHED FROM THE GUIDE PILES. (NO VESSELS @ THE FACILITY)
- THE CONTRACTOR SHALL SUBMIT FOR EACH SHIPMENT CERTIFICATES AND IDENTIFICATION WITH SPECIFIC LOTS PRIOR TO INSTALLING PILING. IDENTIFICATION DATA SHALL INCLUDE PILING TYPE, DIMENSIONS, CHEMICAL COMPOSITION, MECHANICAL PROPERTIES, SECTION PROPERTIES, HEAT NUMBER, AND MILL IDENTIFICATION MARK.
- THE CONTRACTOR SHALL SUBMIT DESCRIPTIONS OF PILE DRIVING EQUIPMENT TO BE EMPLOYED DURING THE PROJECT TO THE OWNER FOR REVIEW. DESCRIPTIVE INFORMATION TO INCLUDE MANUFACTURER'S NAME, MODEL NUMBERS, CAPACITY, RATED ENERGY. HAMMER DETAILS, CUSHION MATERIAL, HELMET, AND TEMPLATES.
- A PILE HAMMER SHALL BE UTILIZED HAVING A DELIVERED FORCE OR ENERGY SUITABLE FOR THE TOTAL WEIGHT OF THE PILE AND THE CHARACTER OF THE SUBSURFACE MATERIAL TO BE ENCOUNTERED. USE A PROTECTING CAP DURING DRIVING TO PREVENT DAMAGE TO THE TOP OF THE PILE. ALL DAMAGE TO THE PILE CAUSED BY DRIVING SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL SUBMIT A WAVE EQUATION ANALYSIS OF PILE DRIVING (WEAP ANALYSIS) TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF PIPE PILE INSTALLATION.
- A PILE DRIVING RECORD OF ALL PILES SHALL BE MAINTAINED AND AS A MINIMUM CONTAIN THE FOLLOWING INFORMATION:

PILE REFERNECE NUMBER OR LOCATION PILE LENGTH DATE OF DRIVING DEPTH DRIVEN LENGTH OF EXTENSIONS PILE TYPE AND GRADE OF STEEL TYPE OF HAMMER **COMMENCING SURFACE LEVEL** LENGTH OF OFF CUTS MEASUREMENT OF DRIVING RESISTANCE ALL INFORMATION REGARDING INTERRUPTIONS, UNEXPECTED CHANGES IN DRIVING CHARACTERISTICS, AND TIMES TAKEN TO OVERCOME THEM



- PILE TOLERANCES SHALL BE AS FOLLOWS: ±3 INCHES IN PLAN OF THE PILE LINE 1 IN 75 VERTICAL
- BORING LOGS INDICATE THAT BEDROCK MAY BE ENCOUNTERED IN SOME LOCATIONS. CONTRACTOR SHALL DRILL & SOCKET PILES INTO ROCK WHEN BEDROCK IS ENCOUNTERED.



ENGINEER

# STEEL COATING:

- 1. THE SURFACES OF THE STEEL PIPE PILES FURNISHED AND ERECTED SHALL BE SHOP PRIMED WITH CARBOGUARD 888 OR APPROVED EQUAL AND COATED WITH BITUMASTIC 300 M COAL TAR EPOXY AS MANUFACTURED BY CARBOLINE. COATING SYSTEM SHALL BE BLACK IN COLOR.
- 2. ALL SURFACES SHALL BE CLEANED, AT A MINIMUM, TO STEEL STRUCTURES PAINTING COUNCIL SURFACE PREPARATION SPECIFICATIONS SSPC-SP3 PRIOR TO THE APPLICATION OF THE COATING SYSTEM. ALL WORK CLEANED IN ONE DAY MUST BE COATED ON THAT DAY AS SOON AS POSSIBLE AFTER BLASTING. THE EPOXY SHALL BE APPLIED WHEN THE SURFACE AND AIR TEMPERATURES ARE AT LEAST 50 DEGREES FAHRENHEIT. ALL SURFACES TO BE COATED SHALL BE COMPLETELY DRY, FREE OF MOISTURE, SOIL, DUST, SALT, AND GRIT AT THE TIME OF COATING.
- THE COATING SHALL BE APPLIED WITH BRUSH OR SPRAY IN AT LEAST TWO COATS TO A MINIMUM DRY FILM THICKNESS OF 16 MILS. EACH COAT SHALL BE COMPLETELY CURED BEFORE SUCCEEDING COATS ARE APPLIED AS PER MANUFACTURER'S INSTRUCTIONS. PREPARATION AND APPLICATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND IN THE PRESENCE OF AN OWNER'S REPRESENTATIVE. COATED SURFACES, EXCEPT FOR SPLICED AREAS, SHALL NOT BE IMMERSED FOR AT LEAST 14 DAYS AFTER THE APPLICATION OF THE COATING. AFTER DRIVING, ABRADED AND OTHERWISE DAMAGED AREAS OF COATING ABOVE LOW WATER SHALL BE GENEROUSLY COATED WITH THE MATERIAL SPECIFIED BELOW FOR THIS PURPOSE.
- 4. THE REPAIRING OF DAMAGED OR ABRADED SURFACES, INCLUDING COATING AREAS REMOVED FROM WELDING. OF THE COAL TAR EPOXY COATING SHALL BE DONE WITH THE COAL TAR EPOXY MATERIAL OF THE SAME TYPE USED FOR THE INITIAL APPLICATION; OR OTHER MATERIAL RECOMMENDED FOR THIS PURPOSE BY THE MANUFACTURER OF THE COATING MATERIALS AND APPROVED BY THE OWNER. REPAIR COATINGS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS AND DIRECTIONS.
- 5. THE COATING SHALL BE READILY APPLIED WITHOUT THINNING. IF THINNING IS DESIRED BY THE CONTRACTOR, ADDITIONAL COATS MAY BE REQUIRED TO ACHIEVE THE SPECIFIED FILM THICKNESS. THINNING SHALL NOT BE DONE WITHOUT THE PRIOR APPROVAL OF THE OWNER.
- SATISFACTORY PERFORMANCE WILL BE THE BASIS OF ACCEPTANCE OF THE COMPLETED WORK BY THE OWNER. ACCEPTANCE OF THE COMPLETED WORK SHALL BE BASED UPON VISUAL INSPECTION BY THE OWNERS' REPRESENTATIVE FOR PINHOLES, FILM CONTINUITY, AND QUALITY OF APPLICATION. DETECTION OF INADEQUATELY COATED AREAS WILL BE INDICATED BY THE OWNER BY CIRCLING THESE AREAS IN CHALK. THESE AREAS SHALL BE REPAIRED BY THE CONTRACTOR, AT HIS OWN EXPENSE.
- THE FINISHED COATING SHALL GENERALLY BE SMOOTH AND SEMI-GLOSSY. SAGS. DIMPLING, OR CURTAINING SHALL BE CAUSE FOR REJECTION.
- 8. THE CONTRACTOR SHALL SUBMIT A CERTIFIED STATEMENT BY THE RESPONSIBLE COATING SUPPLIER THAT THE WORK WAS DONE IN CONFORMANCE WITH THESE SPECIFICATIONS.

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Repairs

Notes

Guide Pile

New York

ENGINEERING, VII., MARINE AND STRUCTURA CONSULTING ENGINEERING JEAN

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				42	COBBL	ESTONE	ERING CORPO	R, RI	V					GNO 822-1		
				G	EOTECH	NICAL AN	ID MARINE ENGINE	ERS				_	SHEET	1 0F 2		
	PR	DJEC	-	posed Wa w York Yao	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS		ator/Dock PROJECT NO. Newport, RI CHKD. BY						19013 RW			
	201	DINIC	CO NE	Bonns Comp		<del></del>	BORING LOCATIO	NI.	CONTRACT	III OBATIOS	1100	K*I^	u pu A ki	<del></del>		
		REMA		n Studdard, N		•						_				
		SINE		RWF	10001	=	DATE START	6/13/		DATEE			6/14/2022			
-	SAL	//PLE	D: 18.01	ECC ATLEBIA	ICE NOTED	CANSK EDICO	SICKETE AE A M COLIT	 !	C	- POLINOV	VATE	DD	EADINGS			
	<b>→,</b> ∉	.,.				SAMPLER CONSISTS OF A 2" SPLIT GROUNDWATE  B. HAMMER FALLING 30 in. DATE TIME WATER AT CASIN					12.0					
	CAS	SING.		ESS OTHERM		CASING DRIVEN USING 300 lb. 13-Jun - Tidal								wer water)		
	CAS	SING	SIZE:	4° da.		OTHER:							1			
				SAMP	LE		SAMPLE	DESCR	PTION		********		STRATUM (	DESCRIPTION		
	ġ.		ien			TIMEST OF						ARY.				
ē	CASID	SO.	PEN (a p REC	REPRINT			Eurmister			SSIFICATION		GEMBERS		· · · · · · · · · · · · · · · · · · ·		
_		1	24/6	0-2	1-3	<del> </del>	Medium dense, gray SAI Organics, wet	VD, some !	Gravel,	trace Shells	and	1,2	1			
$\dashv$	-		-	-	11-12		1					3		38G		
-					<del>                                     </del>	-	1					4				
5						<u>†                                      </u>	1					Ė				
		2	24/14	5-7	11-13		Medium dense, dark gra			and trace C	Sand					
					13-12		& F Gravel with Shake pa	eces, wei (	(61)							
					-	-	-									
10			-		-	<del> </del>	1									
10	$\vdash$	3	240	10-12	11-11	<del> </del>	MeGum dense, NR									
$\neg$		_	<u> </u>	1 12	13-17	<u> </u>	Question of the control of the contr						1	TILE.		
		34	SVB1	12-13.5			Same as S-2, wet					5				
							]									
15			20000	1					dans e	G- F14 C	4 8 5					
-		4	24/10	15-17	9-10 11-11		Medium dense, dark gray Gravel, wet (Till)	y SILT OF	CAND, R	DE PM SAN	a ex ir					
ᅥ				+	1 1 2 - 7 1											
				<del> </del>									1			
20													1			
		5	24/11	20-22	5-7		Medium dense, same, w	et.								
4				-	9-8											
-				+	-											
25				1		<del>                                     </del>										
		6	18/10	25-27	50-57		Very dense, same with 2									
					67.55*		; 2 pieces of green Schist too, wet	(F Gravet	si20   2'S	o in space n	ear :	1				
4				-			,						<b></b>	28 9+		
, l		C-1	60/29	29-34	THENS	RQD 32%	Hard, slightly weathered,	creen NP	WPORT	GROUP (Se	hst?n	6	pen	ROCK		
~		1-2	0.0/28	25-34	1:13	3616	moderately fractured	Sear HE		Sueses (46		(	BE U	NOON		
					3:17	0										
	GRA	JULAR	SOILS	COHEST	VE SOILS	REMARK	S:			-						
_	al ow:		CENST	SLOWSFT	DEMOTY		ig. w/ cathead, mounted o			_				LASSIFICATION		
	).4		Y 5008E	42	V.SOFT		located 12 ft west of limbs						TRACE	0 - 10% (0 - 20%		
	1- 10 10-30		LUCSE MEDIAE	2 5	SOFT MISTIFF	10.00	s 12.5 ft from top of the fix 5 ft of casing into muchine	88 70		_			LITTLE SOME	10 - 20% 20 - 35%		
	10 - 20 30 - 50		DENSE	2 · 8			on or cassing zito inicoarie spoon in an attempt to get		_		ali co		AND	35 - 50%		
	56		V DENDE	15 - 20	V STIFF	E	shead and drive casing to		-					BY WEIGHT		
				180	HARD	E	e with retary, double barre									
			NOTES:	S THE STRAT	TIACATIONLA	ESPERESEN	THE APPROXIMATE BOUNCA	PY BETWEEN	SOL THR	és transfici	US MAY	经研	ADDAL.			
							NAME IN THE DAUL HOLES ATT									
							THE LEVEL OF GROUNDWATE	H WAY DECL	MEUE 10	UMERFACTO			RING NO.	B24.4		
				11000	SCHOOL AS 1950	FREE REALTH	EMENTS WERE MADE						WITCHEO.	B22-1		

							ERING CORPORATION HILL ROAD, EXETER, RI		BORING NO. B22-1		
							D MARINE ENGINEERS		SHEET 2 OF 2		
	PR	ONEC.	-			ater/Dock Yewport, F			19013.00 RWF		
			<del>-</del>	SAMP			SAMPLE DESCRIPTION		STRATUM DESCRIPTION		
	4			T			1	. S.			
*	CASIT	140;	유럽시 (10.16 유럽()	(द्दरान (मा	8,00%5	FONS/FT <sup>2</sup> OR KGHOM <sup>2</sup>	Burmister CLASSIFICATION	REMARKE			
_	े				THE N.S						
_		C-1	80/29	29-34	6:30	32%	Hard, slightly weathered, green, NEWPORT GROUP (Schist Imoderately fractured	k?). 8	BEDROCK		
	-				5:49	-	BOB @ 34 FT: ROCK CORE		i		
35					-	_	SON STATE MACK COME		1		
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		# II 4 C	SOILS	A2115A1	IE COIL C	REMARK	<b>₫</b> :	<u></u>			
	GKA! ELOVAS	The state of the s	a Participation of the Control of th				,⊙. y ba seamy/poor qua≧ty from 3 to 4 fl⊷ of core run; milloywhit		BURMISTER CLASSIFICATION		
	0.4			reconse: <2	V SOUT		h water between 3.5 and 5 ft+- of core run.		TRACE 0-10%		
	4-10				90FT				LITTLE 10-20%		
	0.20				Marsh				SOME 20-35%		
	30 - <del>5</del> 0		ense.	3 - 15	37354				AND 35-50%		
	•50		V DENSE	45.30	V 575'F				PERCENT BY WEIGHT		
_		535.1		>\$0	나보기()				11 A. 1148		
			NOTES:	S) THE STRAI	FICADONUN	ESPEPPESEN	THE APPROXIMATE BOUNCARY BETWEEN SOIL TYPES, TRAVISTICKS I	LAY BE SE	ADUAL		
							ADERTHEDRILL HOLES AT TIMES AND LINGER CONDITIONS STATED O				
							THE LEVEL OF CHOLINDWINTER MAY OCCUR DUE TO OTHER FACTORS		THA HA		
				THURETE	<b>医美州 新 沙</b> 维	THE WEAR	BABITS MASKE MADE	IBO	₹ING NO. B22-1		

New York Yacht Club - In-Water Repairs
Newport, Rhode Island

Boring Logs 1 of 4

CIVIL, MARINE AND STRUCTURAL.

SEP U8 2022 NOT FOR CONSTRUCTION

							ERING CORPO		4				BORING NO 822-2		
							HILL ROAD, EXETE O MARINE ENGINE						SHEET 1 OF 2		
	PRO	OJEC		posed Wa w York Ya						PROJECT CHK			19013.00 RWF		
	801		CO ME	Boring Comp	***	<del></del>	BORING LOCATIO	MNI	cer ev	DI CONTION		KTIO	N DI AN		
		REM		n: Studdard 8		-	BORING LOCATION SEE EXPLORATION LOCATION GROUND SURFACE ELEVATION -15 ## DATUM								
	ENG	3INE	ER FEC	MRF		_	DATE START	6/14/2		DATEEN			6/15/2022		
	SAN	APLE	R: una	ESS OTHERW	ISE NOTED.	SAMPLER CO	NSISTS OF A 2" SPLIT	<u> </u>	G	ROUNDY	VATE	RR	EADINGS		
			SPC	ON DRIVEN C	SNG A 1401	b. MARAGER FALLING 30 ts. DATE TIME WATER AT CASIN									
	CAS	SING				CASING DROV	EN USING 300 lb.	14-Jun	-	Tidal	-		Tidal (over water)		
	~ n c		SIZE	MER FALLING	5 24 IN.	OTHER		ļ			╙		ļ		
- ;	CAR	SING	SiZE.	4" dia.	15	OTHER:	SAMPLE	DESCR	DTION	<u> </u>		ŧ	STRATUM DESCRIPTION		
	ya.	-	Γ	OPJKIT!	T	1		DESCR	FIIQN	•		1	S TRATOM DESCRIPTION		
呈	CASINA	ta().	Prén da la Présid	CEPTH (FT	BEOMEN.	१३४५४१ <sup>२</sup> ८८ ।दश्करी	Burmister	·····		SSIFICATION		REMARKS			
_		1	24/18	0-2	4-4		Medium dense, 9" black SAND & WEATHERED					1,2	ORGANICS		
-		-	-	1	18-27	-	Rttle(+) & Gravel, wet (Till		raj OILI	PHONE LANG	rsitiat.	3			
		-	<u> </u>			<del>                                     </del>	1					1			
5												4			
		2	24/6	5-7	S-16		Dense, blue gray SILT, li	tte F Gravi	et, trace	F Sand, wet (	(T#):				
4			-	-	13-17	<b></b>									
$\dashv$	-		-	+		┼									
10		-	<del> </del> -	-											
		3	24/4	10-12	1013		Medium dense, same, w	et (T国)							
					9-8		]					İ	TILL		
_															
15				-	-	<del> </del>	-								
13		4	24/4	15-17	6-13		Medium dense, gray F G	RAVEL & S	ALT. GE	s(+) F Sand.	wei				
┪				1	11-8		(Till)								
<u></u>						-									
100		5	24/9	20-22	9-11	L	Dense, gray SILT, some:	-) F Sand I	race F G	Srawel west (T	Tiin				
t	$\dashv$		240	2022	23-25		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
1	П														
25		8	Dere	25-27	25-35		Very dense, same with F	Granes aire	nee in en	nantin umi i	Tito I				
+	$\dashv$	g	24/4	23-21	32-42	<del></del>	engerior, senie molf	-0.10 px	iii 3þ	ಹಾರ್ಡಾಭ್ಯ, ಇಳಪಡಿತಿ					
													29 ft+-		
0	_	0.1		50.00	THE MEST	RCQ 0%	Hard, slightly weathered.	ه د الاستار کی وجود	31	Extense		5,6			
+		C-1	60/12	30-35	3:30 7:00	576	GROUP, extremely fract.		y 553, 19	eff up.			BEDROCK		
-1	GRAN	ØJLÅ!	SOILS	COHEST		REMARK	S					_			
	LOW/S	FT	CEHST!	SLOWSFT.	DEMSTY	1. CME 45 r	ig, w/ catheed, mounted o			_			BURMISTER CLASSIFICATION		
	3.4		A 19000E	<2	V.SQFT		located 12 ft west & 4 nor		-				TRACE 0-10%		
	: 10 10 - 39		losse Wdshe	3 -4 4 3	SOFT MISTER	500	s 19.5 fl from top of the fix		er, boris	ng is over wa	ter		LITTLE 10 - 20%   SOME 20 - 35%		
	eg - 29 20 - 30		TENSE ATIONS	# - \$ 8 - 45	STIFF		through boulder 3.5 to 5 ft. shead and drive casing to		in rock r	core			AND 25-50%		
	est Est		V 0643E	18-80	V.STIFF		e with rotary, double barre						PERCENT BY WEIGHT		
				289	CRAH		•								
1			NOTES:	IT THE STRA	BACATIONUS	ESPEREDEN	the approximate bounda	RYFENIED	SOIL TYP	ES, TRANSTION	NS MAY I	<b>9</b> 6 (4)	ACUPL.		
							ADE IN THE DRALL HOLES ATT								
							THE LEVEL OF GROUNDSWATE THE OTHER STREET	K BURK O'DER	PERETO	UNITED FACTOR		_	RING NO. 822-2		
				, MUSIC PA	STATE OF ALL SEC	THE PERSON	BIENTS WISE MARE						MINUTIO BEEZ		

				42	COBBLE	STONE	EERING CORPORATION HILL ROAD, EXETER, RI ID MARINE ENGINEERS		BORING NO. <u>B22-2</u> SHEET <u>2</u> OF <u>2</u>
	PR	OJEC	T Proc	osed Wa				٧n	19013.00
		JJL 0		York Yac					RWF
-				SAMPL			SAMPLE DESCRIPTION		
		-		SAMPL	.=		SAMPLE DESCRIPTION	12	STRATUM DESCRIPTIO
(0)	CASHG (DMO	(47)	PEN (In M RBC)	ध्यम (ग)	5L0Y35*	70148/FT* 08. 19340%*	Burmister CLASSIFICATION	SEMMES	
,					Take outs	RQD		1	
		C-1	60/12	29-34	1:15	0%	Hard, slightly weathered, gray/white/green, NEWPORT	1	
					1:45		GROUP, extremely fractured	1	
6				Ĭ	2:30			1	
		C-2	60/6	35-40	2:00	0%	Same with more green; 3" piece of white CUARTZ	- 1	
_					1,30			- 1	BEDROCK
					200			- 1	
				ļ	4:00			- 1	
0		Ш			7.00			- 1	i
								- 1	1
_								7	
_								Į	1
_		0-3	36/24	43-46	7:00	44.4%	Same as C-1 with more green	l	1
5					7:00		-	I	i
	_				9:00		BOS @ 48 FT: ROCK CORE		
-				-			BUS E 49F1. ROCK CORE	ŀ	
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		WULAR	· · · · · · · · · · · · · · · · · · ·			REMARK			Distriction of the second
_	SLOVE:				CENSTY	. Due to lo	w core run returns rollerbit ahead from 40 to 43 ft+- and core		BURMISTER CLASSIFICATION
	0 - 4		V LOOSE		V.SOFT				TRACE 0-10%
	4 - 50				30Ff				LETTLE 10 - 20%
	10.30				MSTAF				SOME 20 - 35%
	30 - 50				STIFF				AND 35-50%
-	×50		v.ceue		V STAFF				PERCENT BY WEIGHT
_			NOTES:		HARD	and the second			The second secon
			101E3				t the 449 commate Boundary Estimben soot types, transitions and all the tight I would at the 50 th to week of committees of the top-		HEUVALI.
							rade in the driet hones at times and unlier conditions stated? The level of Gronneavater may acquered to other factors		
				ALC DONG	COURSE PUR	THE PROPERTY OF	THE REPORT OF CONTRACTOR OF STREET, AND THE PROPERTY OF THE PR	of the control	

New York Yacht Club - In-Water Repairs
New Port Rhode Island
Prepared Par Statiston Ave., New York Visite States

Boring Logs 2 of 4

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

				42	COBBL	ESTONE I	ERING CORPO HILL ROAD, EXETE ID MARINE ENGINE	R, Rí	V				BORING NO 822-3 SHEET 1 OF 2			
	PRO	OJEC				ator/Dock Newport, F				PROJEC CHK	T NO. D. BY		19013.00 RVVF			
	FOF	REMA		oning Compa Studdard 8 MRF		-	BORING LOCATION SEE EXPLORATION LOCATION GROUND SURFACE ELEVATION -7 ft- DATUM DATE START 6/19/2022 DATE END						NAVD68 6/16/2022			
-	SAN	(PLE	R: UNLE	SS OTHERW	SE NOTED.	SAMPLER CO	NSISTS OF A 2" SPLIT		G	ROUND	VATE	RR	READINGS			
	CAS	SING:	SPOR	ON DRIVEN U	SING A 140 I SE NOTED.	A HANNAER FALLING 30 In. DATE TIME WATER AT CASING CASING DRIVEN USING 300 Ib. 15-Jun - Tidal -										
	^**	1110		WER FALLING	3-241 INL	OTHER										
_	CAS	NAC.	SIZE:	4" dia.	F	OTHER:	SAMPLE	DESCRI	DTION		<u></u>		STRATUM DESCRIPTION			
	CAGING CAMI)		PEN (an g	SAMP		tows/stack		DESCRI	PHON	l		REMARKE	STRATUM DESCRIPTION			
€	( S	NO	PEC	DEPTH (F1)	BLOWDS	KOKOW	Bornéser		CLA	SSIFICATION		20				
$\Box$		1	24/12	0-2	5-5		Medium dense, gray SAI little F Gravel, trace F Si					1,2				
4				-	20-17		spoon, wet	ero wili da	EK F-M S	SAUD III 1962	2 08	3				
4													CAL DIOLETORO			
=	-		<del> </del>	<del>                                     </del>		_	+						SAN DISPLT/S&G			
뉘		2	24/9	5.7	23-22		Dense, gray SILT, some	(+) F Grave	l with bla	ick F-M SAN	io.					
4		-	<u> </u>	1	17-16	<del> </del>	seams (<1/6") Bhroughou									
7				1			1									
j							]									
0										_						
4	_	3	24/9	10-12	10-8		Medium dense, gray StL	T. trace F S	and & F	Gravef, wet	(TilE?)					
4			<b> </b>	<del> </del>	8-8	ļ										
+	$\dashv$			-	-											
5	$\dashv$		<del>                                     </del>		1											
┧	_	4	24/9	15-17	20-27		l Very dense, gray SILT, f	ttle F Sand	trace(+)	F Gravel, w	et					
┪					36-50		(Till)						Fli.L.			
							[									
4																
익	-						No. and a second PM and discussion		eren n		OI T		Į.			
-	-	5	17/11	20-21-42	48-37 50/5"		Very dense, 2" red/maro little F Sand & F Gravel,		EREU R	OCK to gray	SILI,					
+	-			<del> </del>	20%											
+	-		<u> </u>		<del>                                     </del>	<del>                                     </del>										
5	$\dashv$	-										4				
		6	247	25-27	38-43		Vary dense 3" gray SAN		el to gra	y SILT, little	F-M					
	$\Box$				35-48		Sand & F Gravel, wet (Ti	ЯĎ								
4																
뉘																
믹		7	106	30-30.87	25-56/4"		Very dense, gray SILT, s	ome F Gra	المالاة الور	-1F Sand w	ایہ					
+	-	r	1050	30.00.01	25-30,4	<b></b>	(Tit)		- mail watered	2 +	_					
٠,	SRAA	VULAR	SOILS	COHESI	VE SOILS	REMARK	S:		-							
Ì	LOWS	#T	DGVSITY		DENSITY		g, w/ cathead, mounted o	on Irailer, m	ounted o	n a barge			BURMISTER CLASSIFICATION			
- (	-4		v loose	<2	V SOFT		located 43 ft & 44 ft east :						TRACE 0-10%			
	- 10		TGOSE	2.4	9057		s 12 ft← from top of the So	red timber p	rier, bori	ng is over w	ter		LITTLE 10 - 20%			
	3-80		M DENSE		MSTIFF	4. Rollerbit j	umping 24 to 25 R+-						SOME 20-35%			
	0 - 50 50		DENSE VIDENSE	3 - 15 15 - 30	STHT V STYP	l							AND 35 - 50% PERCENT BY WEIGHT			
3	194		* 1. C. W. S. S.	1, 11	HARD	l							renears of traisms			
	-i		NOTES			ESREPRESEN	I THE APPROXIMATE BRUNDA	AY BETWEEN	SOIL TYP	ES TRANSITIO	NSMAY	BE SA	400R			
							MOE IN THE DEAL HOLES ATT									
							THE LEVEL OF GROUNDWATE					k.				
							BADATS NOTE WADE					DO	RING NO. B22-3			

							ERING CORPORATION HILL ROAD, EXETER, RI		BORING NO. 822-3
							D MARINE ENGINEERS		SHEET 2 OF 2
١	PRO	JEC1				ator/Dock Vewport, F			19013.00 RWF
				SAMPI	E	<del></del>	SAMPLE DESCRIPTION		STRATUM DESCRIPTION
	CASING		Print in V			TONSIFT <sup>2</sup> OR		REMARKS	
=	9.2	N/≥	RE(C	(E144 (F)	BLOW6A*	KG/ONF	Burmister CLASSIFICATION		
+	-				<del> </del>	<del> </del>	1		1
1									WEATHERED ROCK
5	_	δ	2/2	35-35.17			Very dense, whiteflandorange WEATHERED ROCK, wet	١.	35.17 ft+
-	$\dashv$	C-1	60/56	35,17-40,17	#:30	RQD	Upper 20°, moderately hard, moderate severely weathered	.   5	BEDROCK
+	-	<u> </u>	00/20	33.1(-44.1)	5:00		orange/white/black hov. striping, NEWPORT GROUP, stigl		BEDROCK
T	$\top$	$\neg$			5.46		fractured to same green as 822-1, C-1		
0					6.30			1	
_				ļ	6.15			_	
+	+			-			BOB @ 40,17 FT; ROCK CORE	Í	
+	+			<del> </del>					
5	$\dashv$								
1							1		
1	$\perp$								
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+	$\dashv$	-	•					Į	
	一							ļ	
	$\Box$							1	
1						0511451			
			SOILS	COHES?		REMARK	AS: e with rotary, double barrel core, MV-!! diamond bit		BURNASTER CLASSIFICATION
_	LOWEN . J		LOOSE		V.SOFT	S. ROS COL	. mai rosef, 1944년 1811년 42년, 1957년 2월 11년 2월 12년		TRACE 0-10%
	10		LOSSEE		309T				LITTLE 10 - 20%
1.	g. 30		MOENSE	4.8	11 STFF				SOME 20-35%
	0.50		ense	1	STSF				AND 35-50%
2	50	,	/ DENSE		U STIFF				PERCENT BY WEIGHT
			NOTES		HARD DEFENDALIN	er bennemen	THE APPROXIMATE BOURCARY SETWEBN BOR, TYPES, TRANSITIONS	MAY SHIP	DATA (A)
		- 1	10123				t the ra-rommale bouncartee threst our types, transitions NADE IN THE OREL HOLES AT TIMES AND UNCER CONDITIONS STATED		news.
							THE LEVEL OF GROUNDWATER MAY DECURBINE TO OTHER FACTORS		
				THOSE PR	ESENT AT THE	THE HEADLE	BADITS MEDE NACE	180	RING NO. 822-3
_									RECEIVED

CIVIL, MARINE AND STRUCTURAL CONSULTING ENGINERING

New York Yacht Club - In-Water Repairs
Newport, Rhode Island

Boring Logs 3 of 4

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				42	COBBLE	ESTONE	ERING CORPO HILL ROAD, EXETE	R, RI	V					NO. B22-4	
_							D MARINE ENGINE	ERS					SHEET 1	OF 1	
	PR	OJEC				ator/Dock Newport				PROJECT CHKI			16013.00 RWF		
	во	RING	CO. NEB	crine Come:	inv		BORING LOCATIO	N	SEE EX	PLORATION	LOC/	THON	PLAN		
		REM.		Studdard &		_	GROUND SURFAC						NAVE	388	
	EN	SINE	ER FEC:	MRF			DATE START	6/16/	2022	DATEEN	ID.		8/17/2022		
	SAI	viPLE	R: UNLE	SS OTHERW	SE NOTED, S	SALPLER CO	NSISTS OF A 2" SPUT		G	ROUNDY	VATE	RR	EADINGS		
						S. HANNER F		DATE	TIME	WATERAT	CASI	kg at			
	CA	SING		SS OTHERWI WER FALLING		CASING DRIV	EN LISING 300 lb.	16-Jun	-	Tidal	-		Tida: (ove	water)	
	CAS	SING	SIZE:	4° da.	9 80.9 40.43	OTHER:									
				SAMP	Ē		SAMPLE	DESCRI	PTION		<u></u> -		STRATUM DE	SCRIPTION	
	ĝ					TONDET DE						System C			
8	CANAL CANAL		FEN (In 3 REC	(동기왕 [유기]	ļ	ACCUSATION.	Burmister			SSFICATION		APMARNS.			
4		1	24/4	0-2	7-7	ļ	Medium dense, gray StL (Tit)	T, (rape(+) i	-M Sand	8 F Gravel	₩6	1.2			
1			-	<del>                                     </del>	1.8-16							3	TIL		
														-	
												4		5 ft+-	
-					<del> </del>							İ			
+		-		<del> </del>	-	-							WEATHERED	BEDROOK	
													170111121120	DEDITORN	
1					Theory	ROD								10 ft+-	
-		C-1	60/59	10-15	8:00	92.5%	Hard, very slight weather GROUP, slightly fracture		purple, l	TROPWIN		5			
1		_	<del> </del>	-	9:30 9:00			-					8EDRO	MAZE	
1					7:30								oesinc	reste	
					6:45										
4			ļ				50B @ 15.FT: ROCK C	DRE							
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1															
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1												1			
1	3RAI	NULAR	SOLS	COHESIN	ESOILS	REMARK	\$;					-			
-	LOWS						g, w/ cathead, mounted o	n trailer, m	ounted o	n a barge		Į	BURMISTER CLAS	SSIFICATION	
	-,4		V LOOSE				ocated 200 ft east of the I						TRACE	Q - 10%	
	1- 10 0 - 30		LOOSE MOENSE				15 ft→ from top of the fix down at 5 ft but it bounce			-			LATTLE SOME	10 - 20% 20 - 35%	
	0-30 0-50		ACCOMMUNICACIONE.				pown at 5 ti but it bouries bedrock assumed).	u, iuies01 i	n resig so	स्च सः स् <del>थलता</del> स	ಜಕರ	i i	SOME AND	20 - 35% 35 - 50%	
	Œ		v bevse	V 10			ore at 10 ft with rolary, do	uble barrel	ccre, Mu	-F demond	tait	ĺ	PERCENT BY		
				17.17	HARE										
							THE APPROXIMATE SOUNDAR					E GP#	DOM.		
							ADE IN THE LIMIT HOLES ATTO THE LEVEL OF GROUNDMATE								
							DIENTS WERE MADE		12000 100				ING NO.	822-4	

							HILL ROAD, EXETE							0, <u>B22-5</u>		
_				G	EOTECH	NICAL AN	D MARINE ENGIN	EERS					SHEET 1 OF 1			
	PR	DJEC				rator/Dock Newport, F				PROJEC CHKI	T NO. D. BY		19013.00 RWF			
	BOI	Olle C	CO. NE B	wine Comp	201		BORING LOCATION SEE EXPLORATION LOCA						II DI 633			
		REM		Studdard 8		-	GROUND SURFA									
	ENK	SINE	ER FEC:	MRF		-	DATE START	6/17/		DATE E		6/17/2022				
	SAL	/PLE	R IMP	CC OTHERWAY	ISE NOTED.	CTINDI ED UU						R READINGS				
	<b>O</b> , u						ALLING 30 in.	DATE		WATERAT						
	CAS	SING		SS OTHERWA		CASING DRIV	ING DRIVEN USBIG 300 lb. 17-Jun - Tidaf						Tidal (over	-		
	CAS	SIMO	SiZE:	4° dia.	20 en.	OTHER:				-	┡					
	OF 10	SAMPLE					SAMPLE	DESCRI	PTION				STRATUM DES	CRIPTICS		
	a		Т	T	Ī		1	020011				2	O I I O I I DEC	CIGI IIO		
Ê	CASING	ND.	FSN (m)/ REC	CEPTH (FT)	BLOWSET	TONEATT OR HOLDING	Bunnister			SSIFICATION		PERMANKS				
$\Box$		1	24/6	0-2	8-5		Medium dense, gray SA	ND, SILT &	F GRAV	EL, Irace Or	ganics	1,2				
-			<del> </del>		6-7	<del> </del>	to 2" black F-M SAND in	apoort(b)	तकाश्वा	7		3				
+				-	<del>                                     </del>	-	4						TILL			
5		_	<del>                                     </del>	1	<del> </del>		1									
_		2	24/18	5-7	33-35		Very dense, 7" gray StL				1o					
$\Box$					23-50		gray SILT, little(-) F Gra	vel, trace F	Sand, we	s (Till)			Ì			
4				<b>├</b>			E Company						l			
0			<del> </del>	┼	-	<del> </del>	-					ļ	l			
判		3	24/14	10-12	10-10	-	Medium dense, gray blu	e SiLT, trac	e F Sand	& F Gravel	₩ith		1			
┪		_		12.72	14-25		WEATHERED ROCK in	spoon fip.	wet							
$\Box$												4		12 ft+		
4	_															
5	$\dashv$						BOB @ 15 FT: ROCK C	ORE			1,0		WEATHERED B	EDROCK?		
+	$\dashv$			<del> </del>	<del> </del>		300 8 101 12110011	5114					BEDROC	K?		
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Ц,	2021	KIII 45	SOILS	000000	VE SOILS	REMARK	(%									
	LONG		DENSITY	BLOWSFT			.o: ig, w/ cathead, mounted :	on Ireiler, m	ounted a	n a barne			BURMISTER CLAS	SIFICATION		
			V Locs€	45	v 90F1	4	located 176 ft east of the			_	er		TRACE	0 - 10%		
	- 10		10088	2.4	90F		s 17 ft⊷ from top of the fi			-	ter		LITTLE	10 - 20%		
	0-30		M DBNGE	4.8	¥\$15€	4. Rollerbil a	shead to 15 ft (weathered	ca beat ding	elity rock	assumed).			SCME	20 - 35%		
	0 - 50 m		DENSE	8 - 35 15 - 30	STAFF N EFEC								AND	35 - 50% HEIGHT		
2	50		VEGNSE		N STEP HARC								PERCENT BY V	HEIGH I		
			NOTES:			ERREFRESEN	THE MEROXMATEROUND	RY BETWEEN	SOIL TYPE	S TRANSITION	VS MAY	Æ GR	AE EME	- 10 - L		
							ADEIN THE DRILL HOLES AT									
				THE BOAT	NGLOGS FLU	ICTUATIONS IN	THE LEVEL OF GROUNDWATE	R MAY OCCU	ROUETO	OTHER FACTO			1			
				THOSE PR	ESENT AT THE	TIME WEASLE	EMBYTS WERE MADE					80	RING NO.	822-5		

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Newport, Rhode Island
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