



Oliver Stedman Government Center  
4808 Tower Hill Road; Suite 116  
Wakefield, RI 02879  
401-783-3370

## PUBLIC NOTICE

File Number: 2015-12-029

Date: February 25, 2016

This office has under consideration the application of:

Wickford Shipyard  
125 Steamboat Avenue  
North Kingstown, RI 02852

for a State of Rhode Island Assent to construct and maintain: a shoreline protection facility consisting of 75 feet of riprap revetment. The work is in as-built condition and was subject to a CRMC enforcement action (Cease and Desist Order No. 13-0174). The shoreline protection from stations 1 + 40 to 2 + 40 filled 900 s.f. or 17 cubic yards seaward of the previous riprap seawall limits (2014). A variance to RICRMP 300.7.F.1 is required. "The base of the seawall, bulkhead or revetment must be located as close as practicable to the shoreline feature it is designed to protect..."

Project Location:	125 Steamboat Avenue
City/Town:	North Kingstown
Plat/Lot:	91 / 127
Waterway:	Wickford Harbor

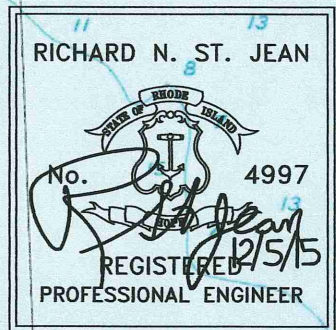
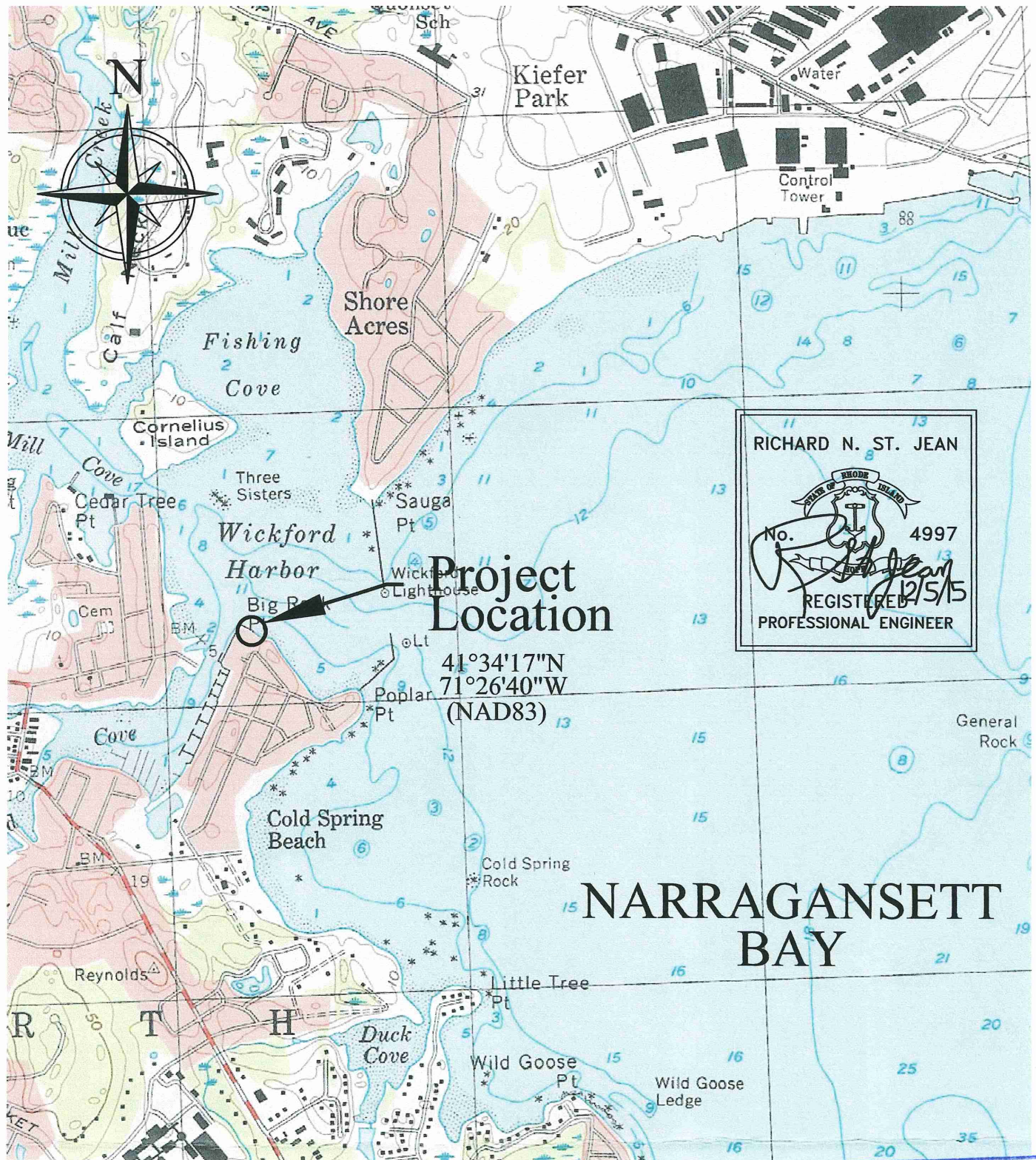
Plans of the proposed work may be seen at the CRMC office in Wakefield.

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

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before March 25, 2016.





WICKFORD QUADRANGLE — 1995

(IN FEET) 1000 0 1000 2000 3000 4000 5000 (IN FEET)

RECEIVED

DEC - 9 2015

COASTAL RESOURCES  
MANAGEMENT COUNCIL

December 5, 2015

**St. Jean  
Engineering  
LLC**  
Civil and Structural Engineering  
1145 Middle Rd., East Greenwich, RI 02818  
Tel/Fax: (401)398-0999

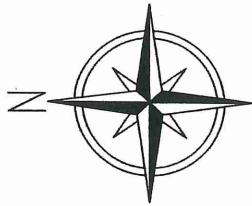
REPAIR TO EXGT. REVETMENT  
SURROUNDING AREA FROM USGS MAP

LOCATION: WICKFORD COVE  
AP 91, LOTS 124, 126, 127, 202  
STEAMBOAT AVENUE  
NORTH KINGSTOWN, RI

APPLICATION BY:  
WICKFORD SHIPYARD, INC.  
125 STEAMBOAT AVENUE  
NORTH KINGSTOWN, RHODE ISLAND 02852

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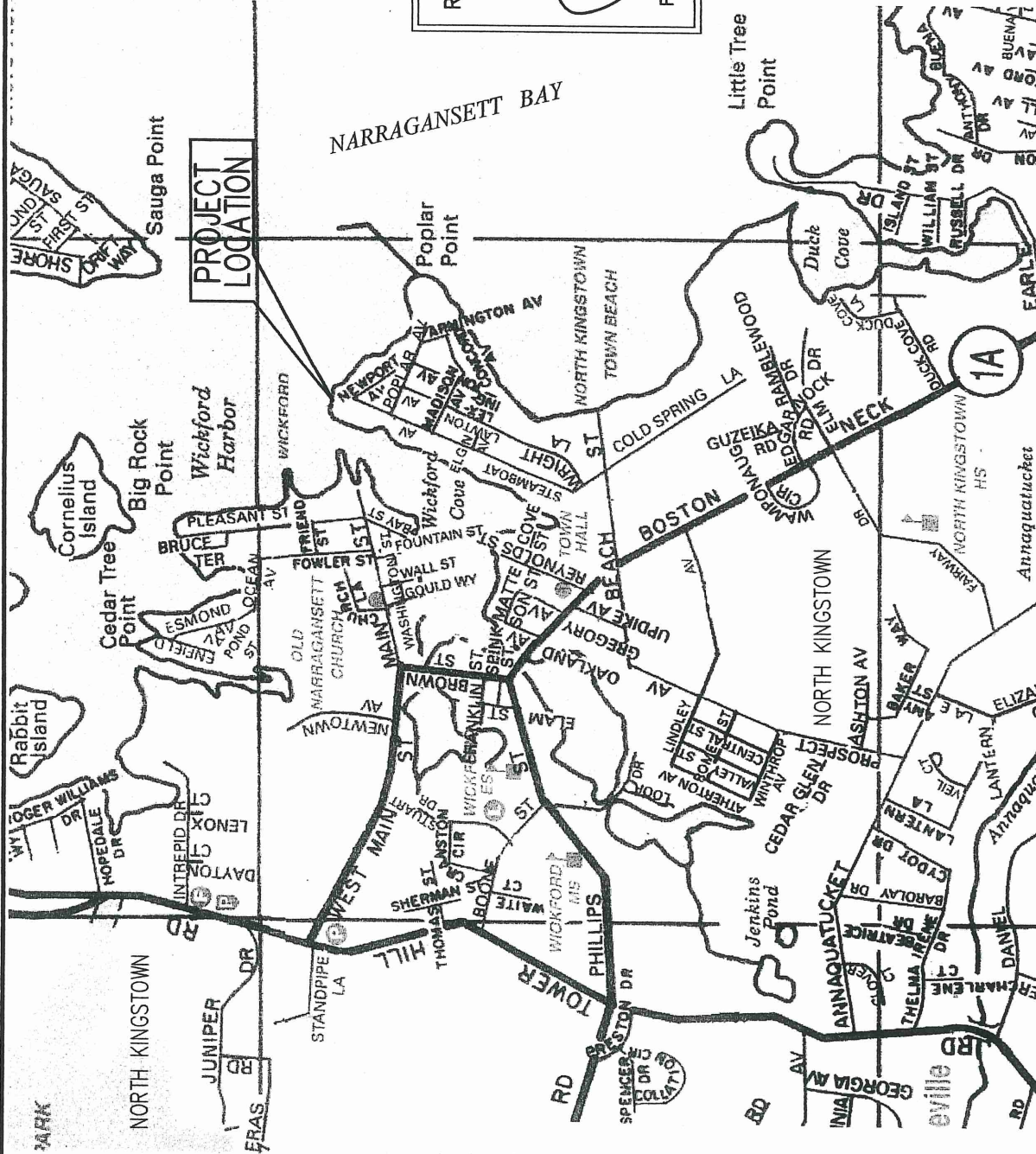


RICHARD N. ST. JEAN



No. 4997

REGISTERED 12/5/15  
PROFESSIONAL ENGINEER



# LOCUS MAP

**St. Jean Engineering LLC**  
Civil and Structural Engineering  
1145 Middle Rd., East Greenwich, RI 02818  
Tel/Fax: (401)398-0999

WICKFORD SHIPYARD - REPAIR TO EXGT. REVETMENT

DATE

December 5, 2015

REVISIONS:

SHEET OF

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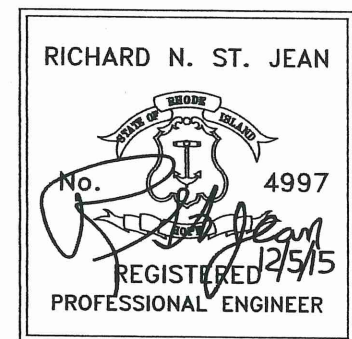
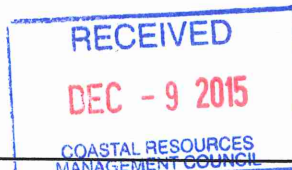
APPLICATION BY:  
WICKFORD SHIPYARD, INC.  
125 STEAMBOAT AVENUE  
NORTH KINGSTOWN, RHODE ISLAND 02852



## GENERAL NOTES:

1. LOCATION OF BUILDINGS, PROPERTY LINES, EXISTING MARINA PERIMETER LINES TAKEN FROM PLANS ENTITLED "SITE PLAN FOR WICKFORD SHIPYARD, INC. NORTH KINGSTOWN, RI" DATED JULY 1993, REVISED MARCH 29, 1994, PREPARED BY R.C. COURNOYER ENTERPRISES, INC. AND PERMIT PLANS FOR THE MARINA EXPANSION BY ST. JEAN ENGINEERING, LLC FOR CRMC ASSENT NO. 2008-03-128. AS-BUILT CONTOURS WERE TAKEN FROM PLAN ENTITLED "SITE PLAN SHOWING AS-BUILT OF SEAWALL MAINTENANCE & REPAIR, FOR PARCEL OF LAND BELONGING TO WICKFORD SHIPYARD, INC." DATED SEPT. 16, 2015, REVISED DEC. 7, 2015, PREPARED BY EASTERBROOKS & ASSOCIATES, LLC.
2. ALL ELEVATIONS SHOWN ON PLANS WERE CONVERTED TO NAVD88.
3. ANY UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES, GRADES, AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY DIG SAFE AND VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO START OF ANY CONSTRUCTION. THE THE ENGINEER ASSUMES NO FINANCIAL OR OTHER LIABILITY IF THE CONTRACTOR DAMAGES ANY UTILITY LINE. CLIENT ASSUMES RESPONSIBILITY TO PROPERLY RE-LOCATE THEIR UTILITY LINES TO FACILITATE REPAIR/REPLACEMENT OF UTILITIES.
4. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL, STATE, FEDERAL, AND UTILITY COMPANY REQUIREMENTS. THE CONTRACTOR SHALL MAINTAIN A COPY OF ALL APPROVED PERMITS, INCLUDING BUT NOT LIMITED TO CRMC, AND ARMY CORPS PERMITS AND ALL PERMIT STIPULATIONS INCLUDED THEREIN.
5. THE CONTRACTOR SHALL PROVIDE THE ENGINEER AND OWNER WITH AS-BUILT DRAWINGS SHOWING THE ACTUAL LOCATION OF UTILITIES INSTALLED UNDER THIS CONTRACT UPON COMPLETION OF THE PROJECT.
6. THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE OWNERS' PROPERTY LINES AND SHALL NOTIFY ABUTTING PROPERTY OWNERS PRIOR TO THE START OF WORK. ANY DISTURBANCE WHICH OCCURS OUTSIDE OF THE PROPERTY LINES SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS AT NO EXPENSE TO THE OWNER OR ABUTTING PROPERTY OWNER(S).
7. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS & DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION. REPORT TO THE ENGINEER ALL OBSERVATIONS & DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.

REVIEW OF THE FLOOD INSURANCE RATE MAP FOR WASHINGTON COUNTY, R.I. MAP NO. 44009C0104J, DATED OCTOBER 16, 2013 INDICATES THAT THE PROJECT IS LOCATED IN A VE ZONE WITH A BASE FLOOD ELEVATION OF 17. THE FIRM MAP IS REFERENCED TO THE NAVD88 DATUM

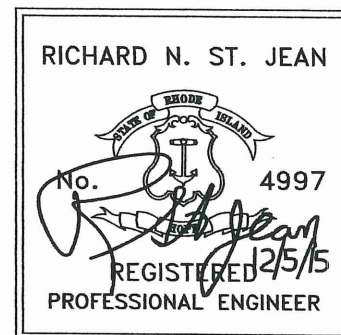


<b>ST. JEAN ENGINEERING, LLC</b>  <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	<b>REPAIR TO EXGT. REVETMENT</b> <b>GENERAL NOTES</b>  LOCATION: WICKFORD COVE AP 91, LOTS 124,126,127,202 STEAMBOAT AVENUE NORTH KINGSTOWN, RI 02852  APPLICATION BY: WICKFORD SHIPYARD, INC. 125 STEAMBOAT AVENUE NORTH KINGSTOWN, RHODE ISLAND 02852		DATE December 5, 2015  SHEET OF 3 7
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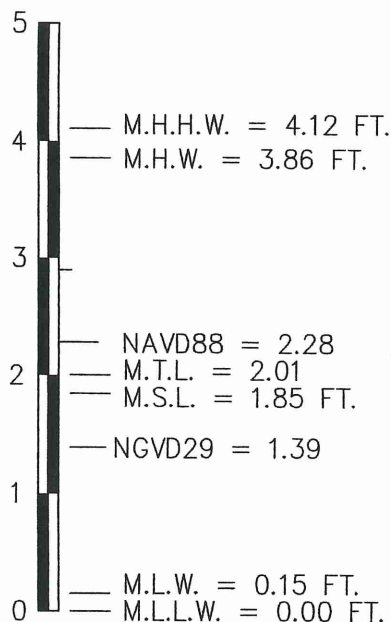


## REVETMENT NOTES:

1. ARMOR UNITS THAT WERE DISPLACED DURING HURRICANE IRENE IN AUGUST 2011 SHALL BE RE-STACKED TO THE ORIGINAL LOCATION, ELEVATION, AND SLOPE. ONE ADDITIONAL ROW OF ARMOR STONES SHALL BE PLACED AT THE LANDWARD TOP OF THE RE-STACKED REVETMENT. THE RE-STACKED ARMOR STONES SHALL BE PLACED IN A MINIMUM OF TWO LAYER THICKNESS.
2. ALL STONES USED IN THE REPAIR OF THE REVETMENT SHALL BE HARD, DURABLE, AND CLEAN, WITHOUT CRACKS, CLEAVAGES OR LAMINATIONS. THEY SHOULD BE CHEMICALLY STABLE IN FRESH OR SALT WATER AND SHOULD NOT WEATHER DUE TO FREEZE/THAW OR WET/DRY CYCLES. STONES FROM THE EXISTING REVETMENT MAY BE USED IN THE RECONSTRUCTION WORK PROVIDED THEY MEET THE DESIGN SIZES FOR THE LAYER WHERE THE STONE IS PLACED.
3. ARMOR STONES SHALL BE GRADED SUCH THAT THE SMALLEST DIMENSION SHOULD NOT BE LESS THAN ONE-THIRD OF THE LARGEST DIMENSION. ADDITIONALLY THE SIZE OF THE ARMOR STONES SHALL BE A MAXIMUM OF 1.25 W (WEIGHT SPECIFIED) AND A MINIMUM OF 0.75 W. APPROXIMATELY 75 PERCENT OF THE STONES SHALL BE EQUAL TO, OR LARGER THAN, W.
4. THE PROPOSED REVETMENT REPAIR IS SUBJECT TO OVERTOPPING AND BREAKING WAVES DURING SEVERE STORM EVENTS. ARMOR UNITS SHALL BE PLACED SO THAT ARMOR UNITS ARE KEYED TO/BEAR SOLIDLY AGAINST ADJACENT UNITS WITH STAGGERED JOINTS. DO NOT CHINK UNITS WITH SMALLER STONES WHICH COULD COME LOOSE FROM WAVE ACTION.
5. IT IS ANTICIPATED THAT THE STONES FROM THE ORIGINAL REVETMENT WILL BE RE-STACKED IN THE REPAIR CONSTRUCTION. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING THE PROJECT TO ASSESS THE QUANTITY OF EXISTING STONE AVAILABLE FOR REUSE. THE EXISTING STONES SHALL BE SORTED INTO THE APPROPRIATE LAYERS ACCORDING TO WEIGHT.
6. ADDITIONAL NEW STONES MAY BE PLACED IN THE RE-STACKED REVETMENT TO REPLACE STONES THAT WERE LOST DURING THE STORM AND CREATE THE ADDITIONAL ROW OF TOP STONES.



<b>ST. JEAN ENGINEERING, LLC</b>  <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	<b>WICKFORD SHIPYARD REVETMENT REPAIR REVETMENT NOTES</b>  LOCATION: WICKFORD COVE AP 91, LOTS 124,126,127,202 STEAMBOAT AVENUE NORTH KINGSTOWN, RI 02852  APPLICATION BY: WICKFORD SHIPYARD, INC. 125 STEAMBOAT AVENUE NORTH KINGSTOWN, RHODE ISLAND 02852		DATE December 5, 2015  SHEET OF 4 7
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## LEGEND

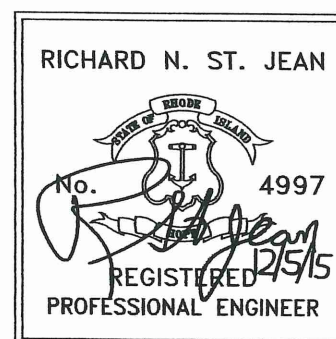
---	PROPERTY LINE, M.P.L.
.....	EXISTING CONTOUR
—5—	PROPOSED CONTOUR
—S—	EXISTING SEWER
—S—	PROPOSED SEWER
—W—	EXISTING WATER LINE
—W—	PROPOSED WATER LINE
○ MH	EXISTING MANHOLE
○ SMH	SEWER MANHOLE
□ CB	EXISTING CATCH BASIN
▨	EXISTING BUILDING
x 7.2	EXISTING SPOT GRADE
x 7.2	PROPOSED SPOT GRADE
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	EXISTING STONE WALL
—x—x—x—x—x—x—x—x—	EXISTING FENCE LINE
.....	FLOOD ZONE BOUNDARY
⬢	EXISTING HYDRANT
—○— POLE #5	EXISTING POLE
— · · · —	SHORE LINE
○ Sign	EXISTING SIGN POST
☀	SITE LIGHTING
■ B-15	BORING LOCATION
— OE —	OVERHEAD ELECTRIC
— UE —	UNDERGROUND ELECTRIC
— F —	GASOLINE/DIESEL FUEL LINE

### ELEVATION INFORMATION FOR WICKFORD, NARRAGANSETT BAY

NO.	BENCH MARK LOCATIONS:
4538 A	DISK SET IN NE CORNER OF TOWN DOCK CONC. SEAWALL
4538 B	DISK SET IN SE CORNER OF TOWN DOCK CONC. SEAWALL
4538 C	DISK SET IN GRANITE STAIRWAY ENTRANCE @ 7 MAIN ST.
4538 D	DISK IN SIDEWALK EAST SIDE OF WICKFORD BRIDGE NO. 10
388	DISK SET IN BRIDGE ABUTMENT OF BRIDGE NO. 11

## ABBREVIATIONS

U. O. N.	UNLESS OTHERWISE NOTED
N. T. S.	NOT TO SCALE
I. A. W.	IN ACCORDANCE WITH
TYP.	TYPICAL
R & D	REMOVE AND DISPOSE
BIT.	BITUMINOUS CONCRETE
M. P. L.	MARINA PERIMETER LINE
S. F., '	SQUARE FOOT
MIN.	MINIMUM
HDG	HOT DIPPED GALVANIZED
SS	STAINLESS STEEL
EXTG.	EXISTING
SMH	SEWER MANHOLE
DMH	DRAINAGE MANHOLE



<b>St. Jean Engineering LLC</b> Civil and Structural Engineering 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	<b>WICKFORD SHIPYARD</b> <b>LEGEND &amp; ABBREVIATIONS</b>		DATE December 5, 2015
	LOCATION: WICKFORD COVE AP 91, LOTS 124, 126, 127, 202 STEAMBOAT AVENUE NORTH KINGSTOWN, RI	APPLICATION BY: WICKFORD SHIPYARD, INC. 125 STEAMBOAT AVENUE NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF 5 7



# ESTIMATED FILL QUANTITY

SECTION	AREA	AVE. AREA	VOLUME	TOTAL VOLUME
		SQUARE FOOT	CUBIC YARD	CUBIC YARD

1+ 40	0			
1+ 60	-7.4	-3.71	-2.74	-3
1+ 80	9.5	1.06	0.79	-2
2+ 0	17.9	13.71	10.15	8
2+ 20	5.8	11.85	8.77	17
2+ 40	0.0			

**Total Estimated Volume 17 cy**

NOTE: ESTIMATED VOLUMES ARE APPROXIMATE ONLY & ARE BASED ON SURVEY IDENTIFIED IN NOTE 1 AND SURVEY PRESENTED IN CRMC APPLICATION 2008-03-128 WHICH WAS INCOMPLETE AT STONE REVETMENT AREA.

"WICKFORD HARBOR"  
TYPE 3 WATERS

FLOOD  
EBB

BENCHMARK;  
TOP & N.W. CORNER  
CONCRETE BULKHEAD  
ELEV.= 4.83 (NAVD-88)

EXISTING  
CONCRETE SEAWALL  
& BULKHEAD AREA

2014 RIP-RAP SEAWALL LIMITS  
FIELD LOCATED 4-9-14

MEAN HIGHWATER EL.=3.86  
(FIELD LOCATED-4/9/2014)

2012 RIP-RAP SEAWALL  
PER GOOGLE-2012

TOP OF SEAWALL 4-2014  
FIELD LOCATED 4-9-14

GRAVEL AREA  
CONTOURS TAKEN  
FROM 2011 PERMIT  
PLANS

SUBJECT PARCEL BELONGING TO  
WICKFORD SHIPYARD, INC.

ASSESSOR'S PLAT 91 / LOTS 124, 126, 127 & 202

BOULDER OUTCROPS

2012 RIP-RAP SEAWALL  
PER GOOGLE-2012

2014 RIP-RAP SEAWALL LIMITS  
FIELD LOCATED 4-9-14

MEAN HIGHWATER EL.=2.96 (NAVD-88)  
(FIELD LOCATED-4/9/2014)

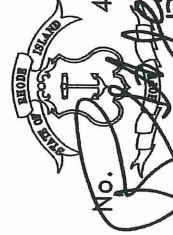
NOTE:  
1. TOPOGRAPHY SHOWN ON PLAN AND USED FOR CROSS SECTIONS WAS TAKEN FROM PLAN ENTITLED "SITE PLAN SHOWING AS-BUILT OF SEAWALL MAINTENANCE & REPAIR, FOR PARCEL OF LAND BELONGING TO WICKFORD SHIPYARD, INC.", DATED SEPT. 16, 2015, REVISED DEC. 7, 2015, PREPARED BY EASTERBROOKS & ASSOCIATES, LLC. SEE REFERENCED PLAN FOR INFORMATION NOT SHOWN.

PLAN VIEW

SCALE: 1" = 40'



RICHARD N. ST. JEAN



REGISTERED  
PROFESSIONAL ENGINEER

**St. Jean Engineering LLC**  
Civil and Structural Engineering  
1145 Middle Rd., East Greenwich, RI 02818  
Tel/Fax: (401)398-0999

WICKFORD SHIPYARD, INC.  
EXISTING REVETMENT REPAIR - AS-BUILT CROSS SECTION PLAN

DATE

December 5, 2015

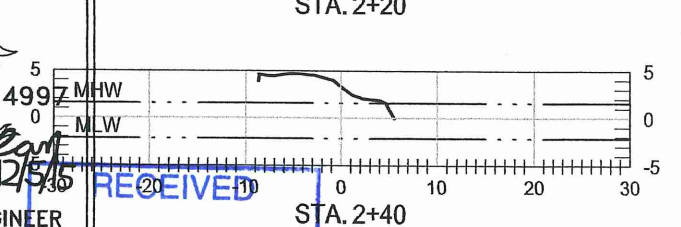
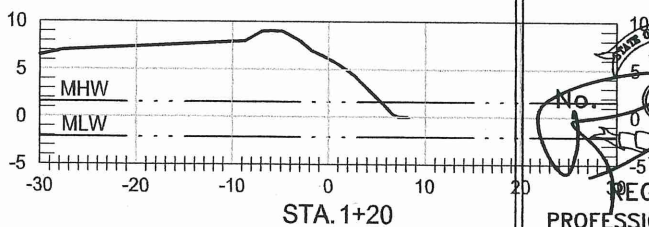
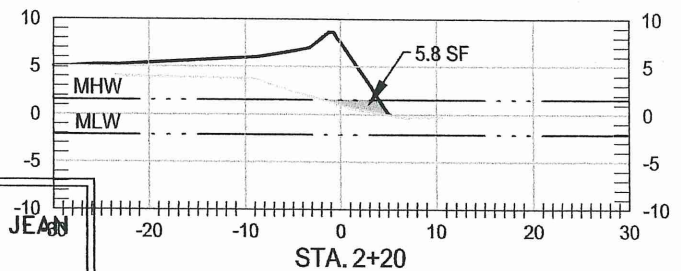
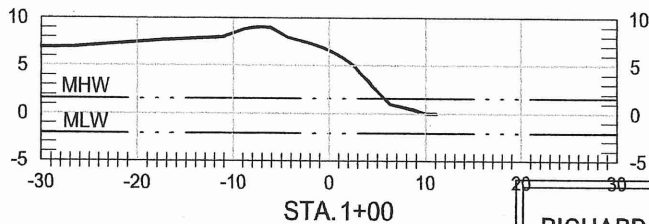
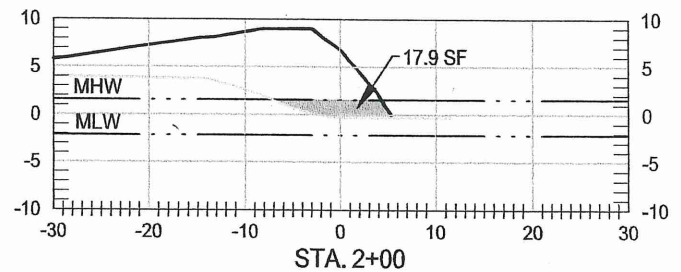
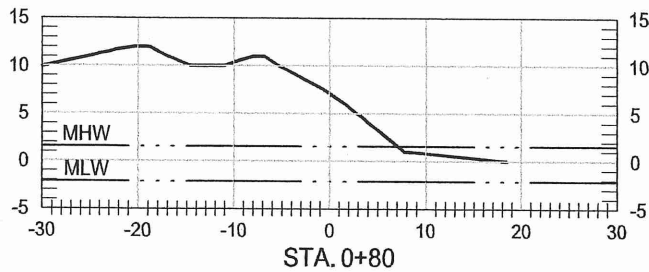
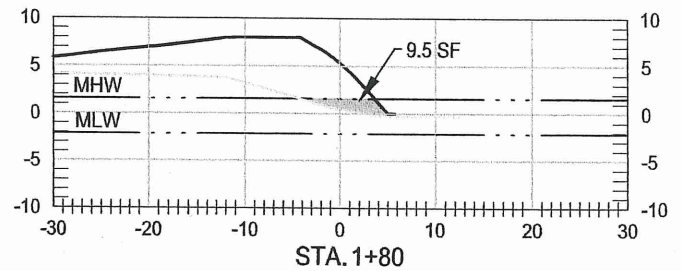
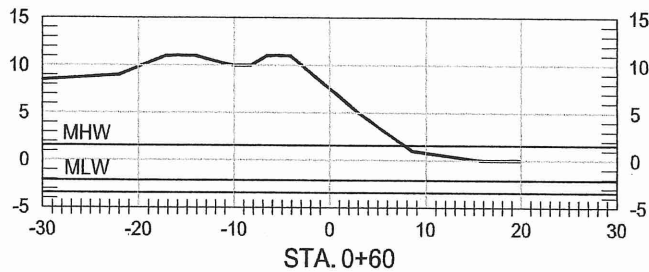
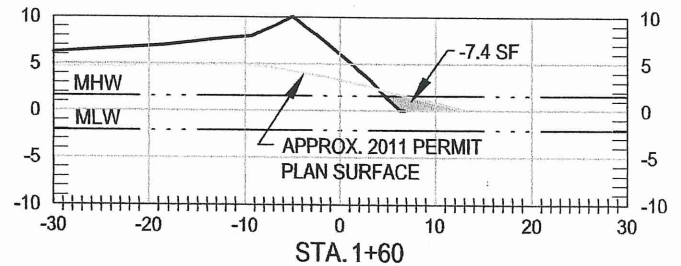
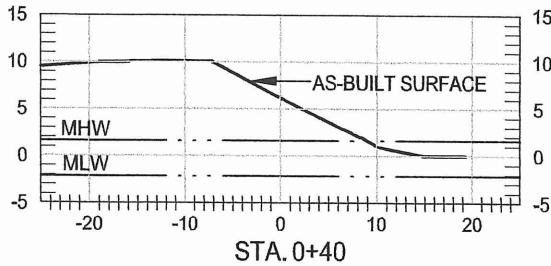
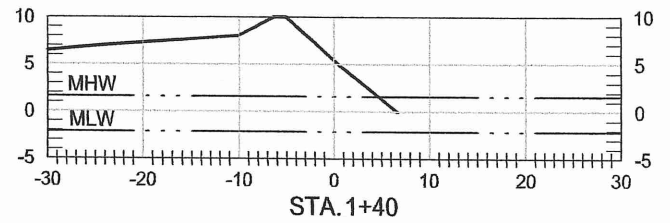
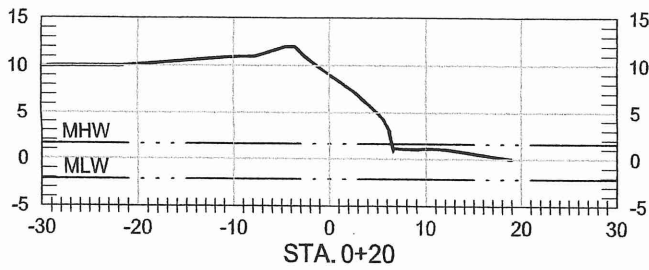
REVISIONS:

APPLICATION BY:  
WICKFORD SHIPYARD, INC.  
125 STEAMBOAT AVENUE  
NORTH KINGSTOWN, RHODE ISLAND 02852

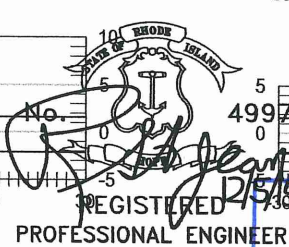
LOCATION: WICKFORD COVE  
AP 91, LOTS 124, 126, 127, 202  
STEAMBOAT AVENUE  
NORTH KINGSTOWN, RI

SHEET OF

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RICHARD N. ST. JEAN



RECEIVED  
DEC - 9 2015

**St. Jean Engineering LLC**  
Civil and Structural Engineering  
1145 Middle Rd., East Greenwich, RI 02818  
Tel/Fax: (401)398-0999

WICKFORD SHIPYARD  
AS-BUILT SECTIONS THROUGH REVETMENT

LOCATION: WICKFORD COVE  
AP 91, LOTS 124, 126, 127, 202  
STEAMBOAT AVENUE  
NORTH KINGSTOWN, RI

APPLICATION BY:  
WICKFORD SHIPYARD, INC.  
125 STEAMBOAT AVENUE  
NORTH KINGSTOWN, RHODE ISLAND 02852

DATE  
December 5, 2015

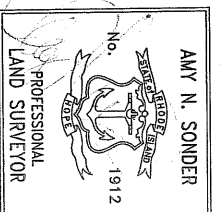
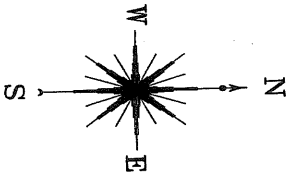
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# "WICKFORD HARBOR"

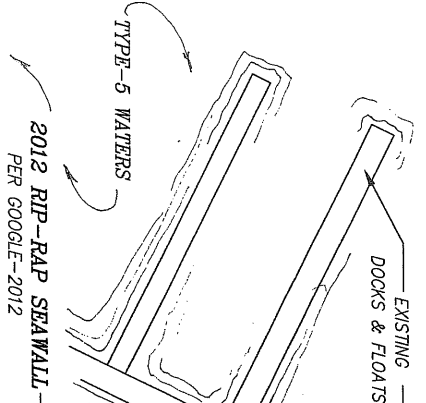
BENCHMARK:  
TOP & N.W. CORNER  
CONCRETE BULKHEAD  
ELEV. = 4.83 (NAVD-88)

TYPE-3 WATERS



THIS SURVEY & PLAN CONFORMS TO A CLASS III  
SURVEY STANDARD AS ADOPTED BY THE RHODE  
BOARD OF PROFESSIONAL LAND SURVEYORS.

BY: AMY N. SONDER, P.L.S. 1912 DATE: \_\_\_\_\_



EXISTING FILL AREA 900 S.F.

THIS AREA WAS FILLED TO MATCH THE LIMITS OF THE EXISTING NORTH END OF THE WESTERLY BULKHEAD. THIS FILL AREA APPEAR TO HAVE BEEN PREVIOUSLY EXISTING PER THE RIGS 1972 AERIAL PHOTO (ATTACHED) THIS AREA WAS PREVIOUSLY A SHALLOW SLOPED RIP-RAP AREA. DURING THE 2014 SEAWALL REPAIR, THIS AREA WAS RE-FORMED & CONSTRUCTED TO BE CONSISTANT WITH THE PROPOSED NEW SEAWALL & ASSIST IN THE STABILIZATION OF THE WESTERLY BULKHEAD DURING STORM EVENTS

TOP OF SEAWALL 4-2014  
FIELD LOCATED 4-9-14

2014 RIP-RAP REVELTMENT REPAIR LIMITS  
FIELD LOCATED 4-9-14

MEAN HIGHWATER EL.=2.96  
(FIELD LOCATED-4/9/2014)

2012 RIP-RAP SEAWALL  
PER GOOGLE-2012

2014 RIP-RAP REVELTMENT REPAIR LIMITS  
FIELD LOCATED 4-9-14

MEAN HIGHWATER EL.=2.96 (NAVD-88)  
(FIELD LOCATED-4/9/2014)

EXISTING "DRY DOCK"  
BOAT STORAGE AREA

SUBJECT PARCEL BELONGING TO  
**WICKFORD SHIPYARD, INC.**  
ASSESSOR'S PLAT 91 / LOTS 124, 126, 127 & 202

SITE PLAN SHOWING AS-BUILT OF  
SEAWALL MAINTENANCE & REPAIR  
FOR PARCEL OF LAND BELONGING TO  
**WICKFORD SHIPYARD, INC.**  
ASSESSOR'S MAP 91 / LOT 123  
SITUATED ON WICKFORD HARBOR IN THE TOWN OF  
NORTH KINGSTOWN, RHODE ISLAND  
DATE: SEPT. 16, 2015; SCALE: 1"=30'  
REVISED: DEC. 7, 2015; DAYTON-HAYDOCK & UPDATE CONTOURS / C.A.T. B  
PREPARED BY:  
**EASTERBROOKS & ASSOCIATES, LLC**  
2505 BOSTON NECK ROAD SAUNDERSTOWN, R.I. 02874 TEL: (401) 967-7770

-PLAN VIEW-

(1 inch = 30 ft.)



NOTE: TO OBTAIN METERS, MULTIPLY FEET BY 0.3048.

