



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

PUBLIC NOTICE

File Number: 2013-03-062

Date: April 8, 2013

This office has under consideration the application of:

William Molloy
28 Hall Road
Portsmouth, RI 02871

for a State of Rhode Island Assent to construct and maintain: a riprap revetment (58 l.f.).

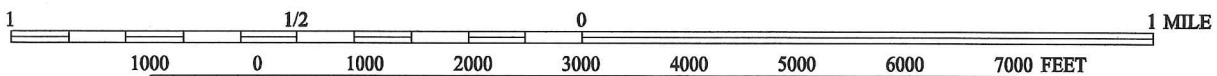
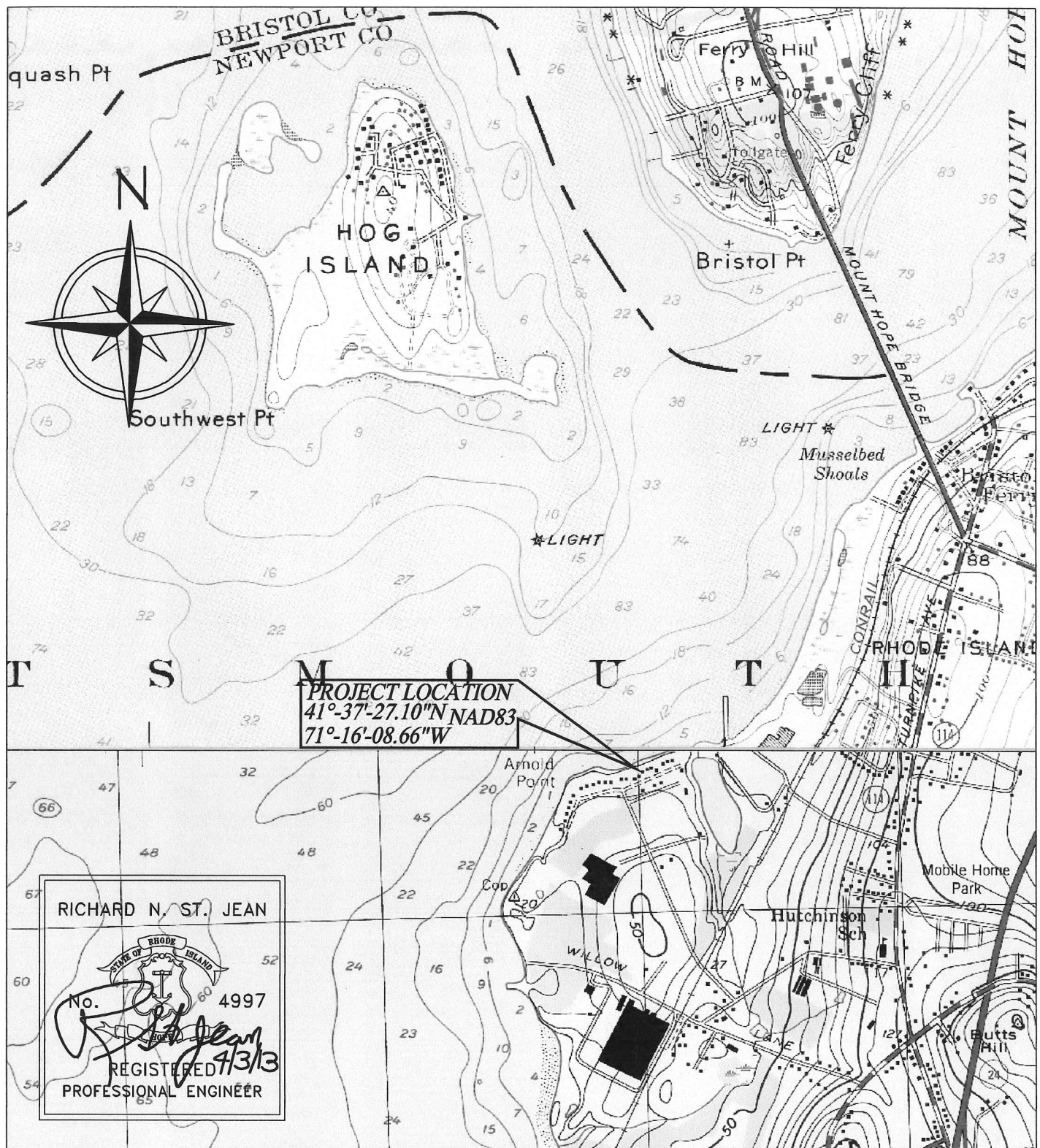
Project Location:	28 Hall Road
City/Town:	Portsmouth
Plat/Lot:	16 / 27
Waterway:	Narragansett Bay

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

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

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

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before May 8, 2013.



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

REV. 1 REVISE TO PROPOSED 4/3/13

St. Jean
Engineering, LLC

PROPOSED REVELTMENT
USGS Map Sections: PRUDENCE ISLAND & BRISTOL

DATE
FEBRUARY 23, 2013

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

LOCATION:
28 HALL ROAD
FLAT MAP 16, LOT 21
PORTSMOUTH, RHODE ISLAND

APPLICATION BY:
WILLIAM J. MOLLOY
28 HALL ROAD
PORTSMOUTH, RHODE ISLAND 02871

SHEET OF

APR 04 2013

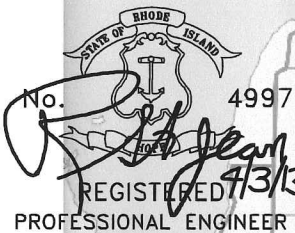
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C.R.M.C.



**PROJECT
LOCATION**

RICHARD N. ST. JEAN



0 1 2 3 4 5
MILES

REV. I REVISE TO PROPOSED 4/3/13

**St. Jean
Engineering, LLC**

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

**PROPOSED REVETMENT
LOCUS MAP**

LOCATION:
28 HALL ROAD
PLAT MAP 16, LOT 21
PORTSMOUTH, RHODE ISLAND

APPLICATION BY:
WILLIAM J. MOLLOY
28 HALL ROAD
PORTSMOUTH, RHODE ISLAND 02871

DATE
FEBRUARY 23, 2013

4/3/13

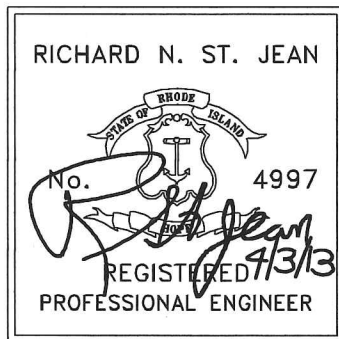
SHEET OF
APR 04 2012

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C.R.M.C.

GENERAL NOTES:

1. TOPOGRAPHY AND SITE FEATURES WERE TAKEN FROM A PLAN DEVELOPED BY NATIONAL SURVEYORS-DEVELOPERS INC. 42 HAMLET AVE. WOONSOCKET, RHODE ISLAND. THE PLAN WAS BASED ON FIELD WORK PERFORMED DURING THE MONTH OF JANUARY, 2013 HORIZONTAL DATUM - R.I.S.P.C.S. N.A.D. 1983, VERTICAL DATUM IS MEAN LOW WATER (MLW).
2. ALL ELEVATIONS SHOWN ON PLANS WERE CONVERTED TO MEAN LOW WATER.
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.

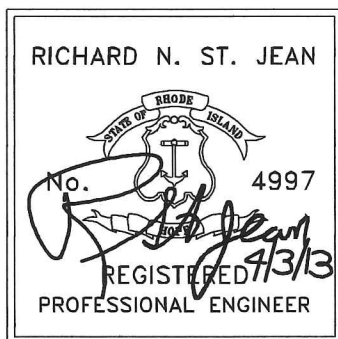


REV. I REVISE TO PROPOSED 4/3/13

ST. JEAN ENGINEERING, LLC <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	SHORELINE PROTECTION - REVETMENT, GENERAL NOTES		DATE FEBRUARY 23, 2013 4/3/13
	LOCATION: 28 HALL ROAD PLAT MAP 16, LOT 27 PORTSMOUTH, RHODE ISLAND	APPLICATION BY: WILLIAM J. MOLLOY 28 HALL ROAD PORTSMOUTH, RHODE ISLAND 02871	RECEIVED APR 04 2013 SHEET 3 OF 8 C.R.M.C.

REVETMENT NOTES:

1. ARMOR UNITS THAT WERE DISPLACED DURING THE 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 125 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.



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ST. JEAN ENGINEERING, LLC <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	SHORELINE PROTECTION - REVETMENT REVETMENT NOTES LOCATION: 28 HALL ROAD PLAT MAP 16, LOT 27 PORTSMOUTH, RHODE ISLAND APPLICATION BY: WILLIAM J. MOLLOY 28 HALL ROAD PORTSMOUTH, RHODE ISLAND 02871		DATE FEBRUARY 24, 2013 SHEET 4 OF 8
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LEGEND

	PROPERTY LINE	$\times 7.2$	EXISTING SPOT GRADE
	EXISTING CONTOUR	$\times 7.2$	PROPOSED SPOT GRADE
	PROPOSED CONTOUR		PROPOSED BULKHEAD
	EXISTING SEWER		EXISTING STONE WALL
	PROPOSED SEWER		EXISTING FENCE LINE
	EXISTING WATER LINE		DREDGE SAMPLE
	PROPOSED WATER LINE		FLOOD ZONE BOUNDARY
	EXISTING DRAINAGE LINE		EXISTING HYDRANT
	PROPOSED DRAINAGE LINE		EXISTING POLE
	EXISTING SEWER MANHOLE		PROPOSED SLOPE
	EXISTING DRAINAGE MANHOLE		SHORE LINE
	PROPOSED MANHOLE		IRON PIPE FOUND
	EXISTING TREE LINE		STONES/BOULDERS
	EXISTING BUILDING		
	PROPOSED BUILDING		

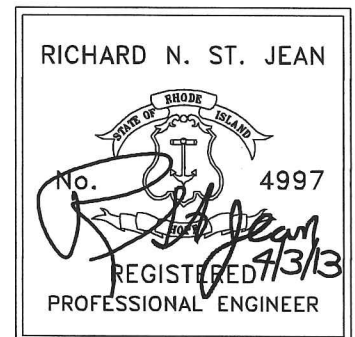
ABBREVIATIONS

N. I. C.	NOT IN CONTRACT
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
N/F	NOW OR FORMERLY
F. F.	FINISH FLOOR
T. O. F.	TOP OF FOUNDATION
M. P. L.	MARINA PERIMETER LINE
S. J. E.	ST. JEAN ENGINEERING, LLC
S. F.	SQUARE FOOT
A. P.	ASSESSORS PLAT
EXTG.	EXISTING
SMH	SEWER MANHOLE
DMH	WATER MANHOLE
MIN.	MINIMUM

DATUM INFORMATION

INFORMATION FOR TIDAL BENCHMARK PID - LW0571 FROM NOAA DATA SHEET MARKING H21 1969. BENCHMARK LOCATED ALONG SHORE OF MOUNT HOPE BAY ABOUT 0.15 MILE EAST OF BRIDGE, SOUTH SHORE.

5	MHHW = 4.40 FT.
4	MHW = 4.15 FT.
3	NAVD88 = 2.13 FT.
2	MTL = 2.01 FT.
1	MSL = 1.86 FT.
0	NGVD29 = 1.30 FT.
-1	MLW = 0.00 FT.
	MLLW = -0.16 FT.



DATUM INFORMATION

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**St. Jean
Engineering, LLC**

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

PROPOSED REVETMENT LEGEND & ABBREVIATIONS

LOCATION:
28 HALL ROAD
PLAT MAP 16, LOT 27
PORTSMOUTH, RHODE ISLAND

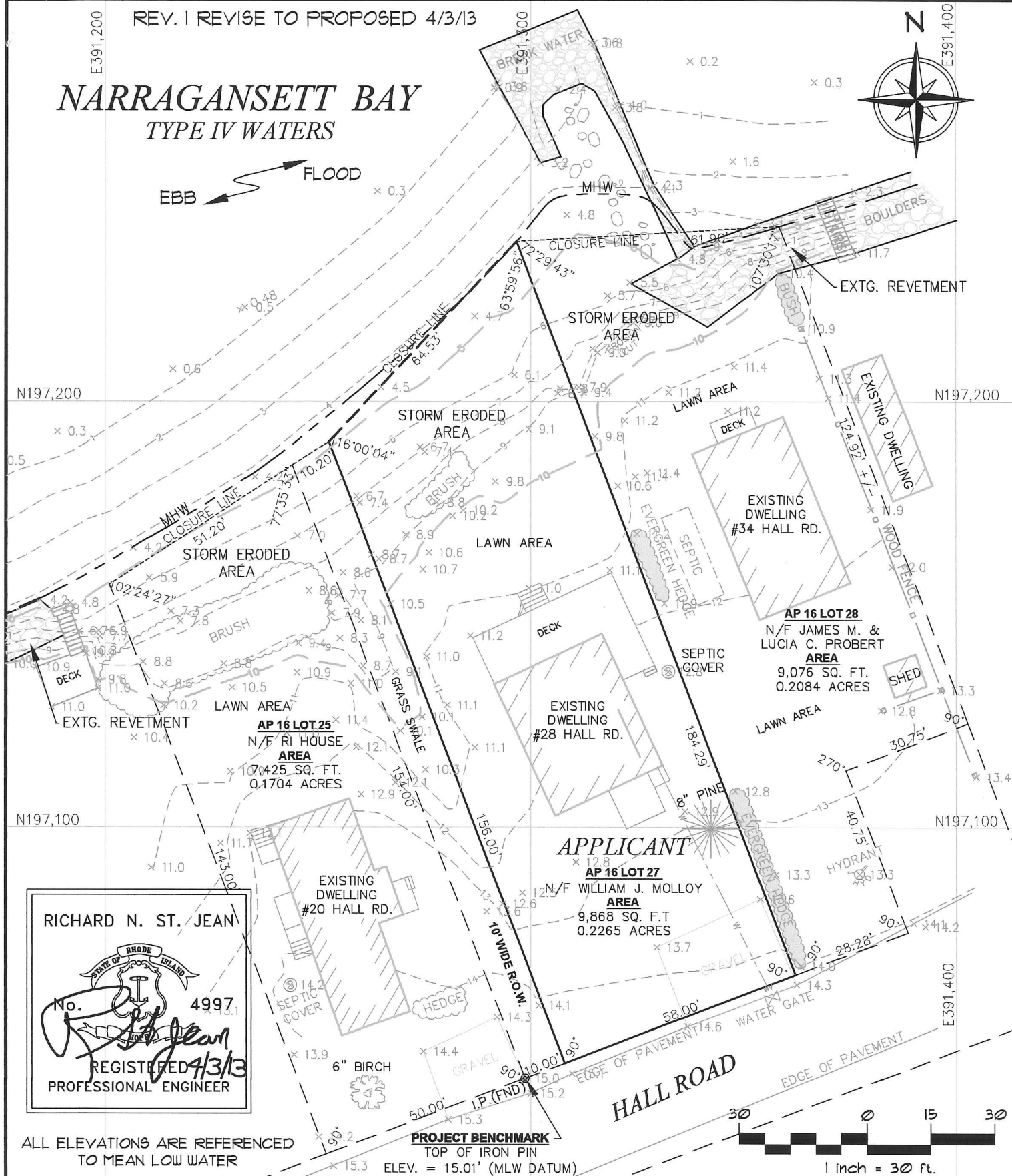
APPLICATION BY:
WILLIAM J. MOLLOY
28 HALL ROAD
PORTSMOUTH, RHODE ISLAND 02871 2013

DATE
FEBRUARY 24, 2013

4/3/13
SHEET OF
5 8

C.R.M.C.

E391,200



RICHARD N. ST. JEAN



ALL ELEVATIONS ARE REFERENCED
TO MEAN LOW WATER

**St. Jean
Engineering
LLC**

Civil and Structural Engineering
1145 Middle Rd., East Greenwich, RI 02818
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PROPOSED REVETMENT EXISTING CONDITIONS

LOCATION:
28 HALL ROAD
PLAT MAP 16, LOT 27
PORTSMOUTH, RHODE ISLAND

APPLICATION BY:
WILLIAM J. MOLLOY
28 HALL ROAD
PORTSMOUTH RHODE ISLAND 02871

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4/3/13

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C.R.M.C.

E391,200

REV. I REVISE TO PROPOSED 4/3/13

NARRAGANSETT BAY TYPE IV WATERS

EBB → FLOOD →



E391,400

N197,200

N197,200

N197,100

N197,100

E391,400

RICHARD N. ST. JEAN



ALL ELEVATIONS ARE REFERENCED
TO MEAN LOW WATER

PROJECT BENCHMARK
TOP OF IRON PIN
ELEV. = 15.01' (MLW DATUM)

1 inch = 30 ft.

**St. Jean
Engineering
LLC**

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PROPOSED REVETMENT

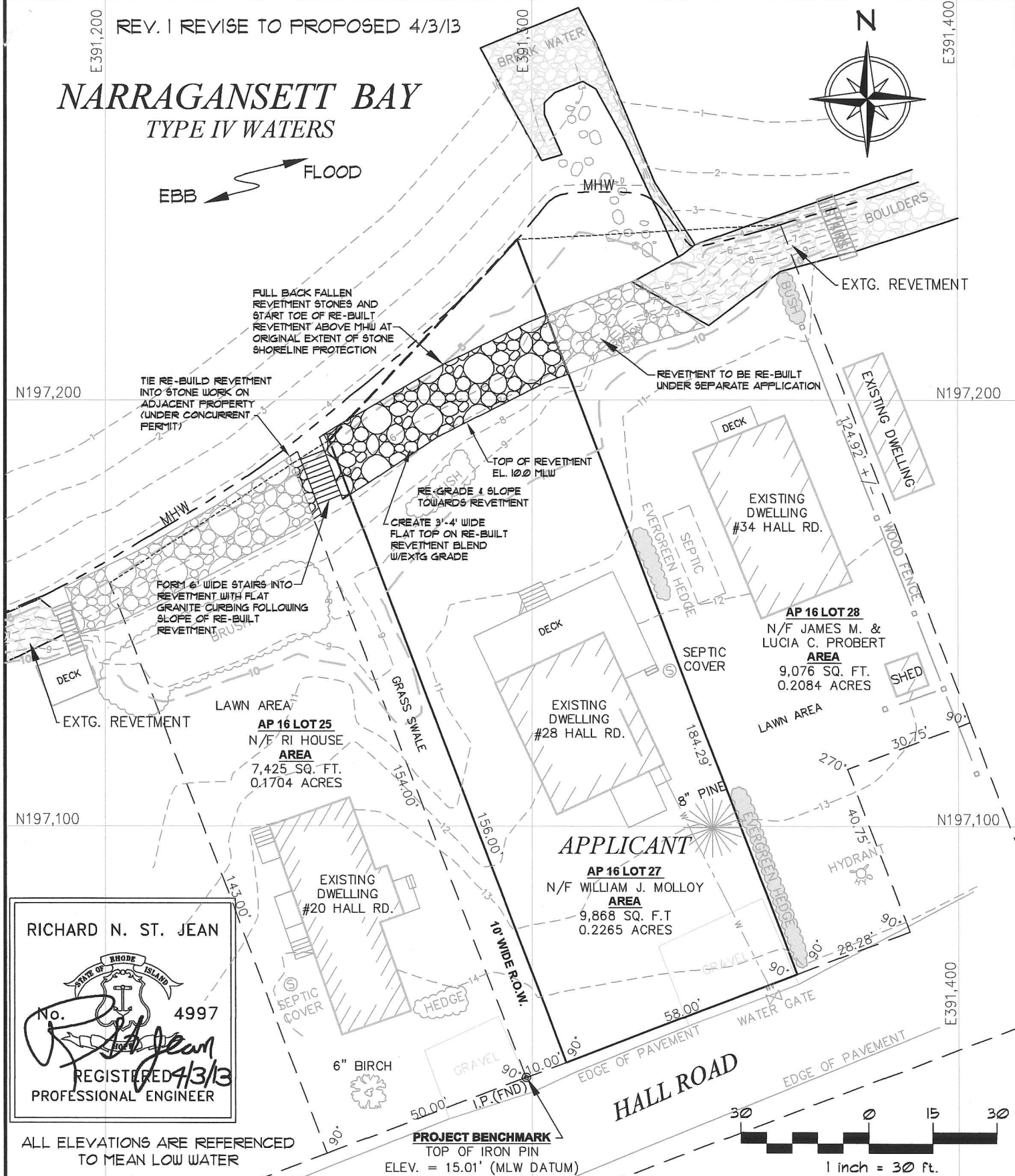
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APPLICATION BY:
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28 HALL ROAD
PORTSMOUTH, RHODE ISLAND 02871

DATE
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SHEET OF
7 8



LOAM & SEED OR
RE-PLANT DISTURBED
AREAS - SLOPE TO TOP
OF RE-BUILT REVETMENT

3' - 4' TOP
TO SUIT

TOP ELEV. 10.0±

FINISH GRADE ELEV. 9.0±

REVETMENT
2 LAYERS OF 8500
LB. STONES

12 - 18" LAYER OF
CRUSHED STONE -
WRAP IN GEOTEXTILE
FABRIC - 2 ft. WIDE

EXISTING GRADE VARIES

MIRAFI 600X
GEOTEXTILE FABRIC
ON SUBGRADE

MIRAFI 140N
GEOTEXTILE FABRIC
ABOVE 600X

RE-USE EXISTING SMALL
STONE AS BEDDING FOR
ARMOR STONE

REMOVE EXISTING STONES
AND RESTACK AS REQUIRED
TO FORM STABLE SLOPE

PULL BACK TOE TO
MHW & RE-STACK
EXISTING STONES

MHW ELEV. 4.15

4 FT.

KEY BOTTOM 2 ARMOR
STONES 4 ft. INTO
EXISTING MUDLINE

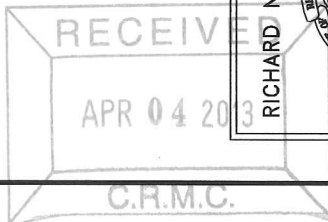
SEAWARD

SECTION THROUGH REPAIRED REVETMENT

SCALE: N.T.S.

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APR 04 2013

C.R.M.C.