



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

PUBLIC NOTICE

File Number: 2012-03-016

Date: March 27, 2012

This office has under consideration the application of:

Peter & Kathleen Hendricks
38 Lambie Circle
Portsmouth, RI 02871

for a State of Rhode Island Assent to construct and maintain: a 150 linear foot riprap revetment in the location of a coastal bluff. Armor stone will be placed from its existing toe to approximately 9' up the coastal bluff. The remaining portion of the bluff will be replanted with native vegetation.

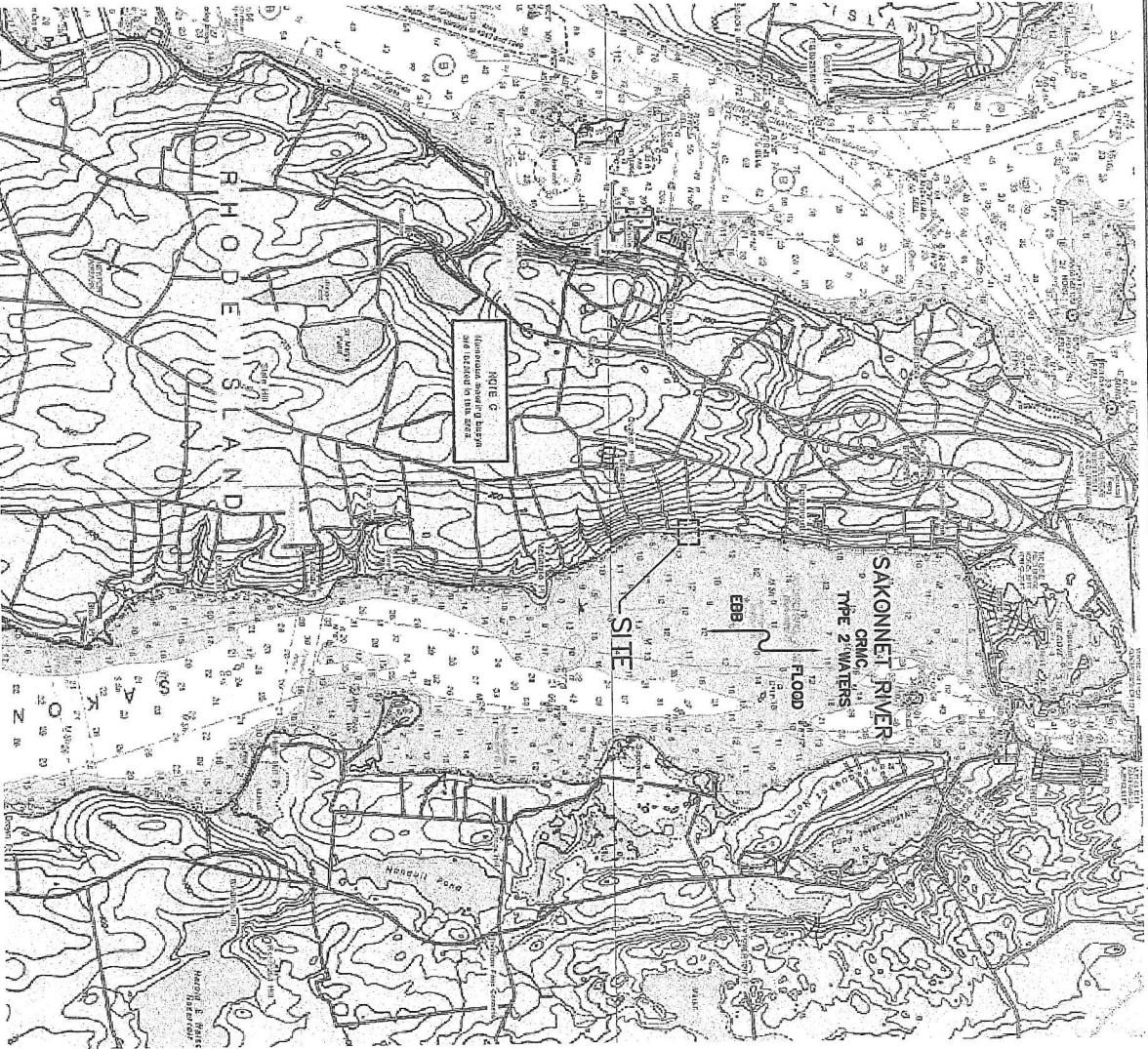
| | |
|-------------------|------------------|
| Project Location: | 38 Lambie Circle |
| City/Town: | Portsmouth |
| Plat/Lot: | 42A / 72 |
| Waterway: | Sakonnet River |

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.

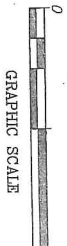
You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what 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 April 27, 2012.



HARBOR ENGINEERING, LLC
52 CHURCH STREET
BARRINGTON, RI 02806
(401) 829-4870
harboreng.com

| No. | Revision | Date | App. |
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Client/Owner:
MR. PETER HENDRICKS
38 LAMBIE CIRCLE
PORTSMOUTH, RI 02871

Issued for:
RI CRMC
PERMITTING

Drawing Title:
HENDRICKS REVETMENT
VICINITY MAP

| | |
|--|---------|
| AUGUST J. KREUZ, A.M.P., III REGISTERED PROFESSIONAL ENGINEER CIVIL 2/25/2012 | |
| No. | 7949 |
| Designed By: | PHG |
| Drawn By: | PHG |
| Checked By: | ALK |
| Project Number: | 2011-11 |
| Sheet | 1 of 8 |
| Drawing Number: | V-1 |

LAMBIE CIRCLE

A.P. 42A LOT 71
N/F
RONALD H. & MARY P. DILLON
WICKENZIE

A.P. 42A LOT 73
N/F
FOREST B. GOLDEN TRUST

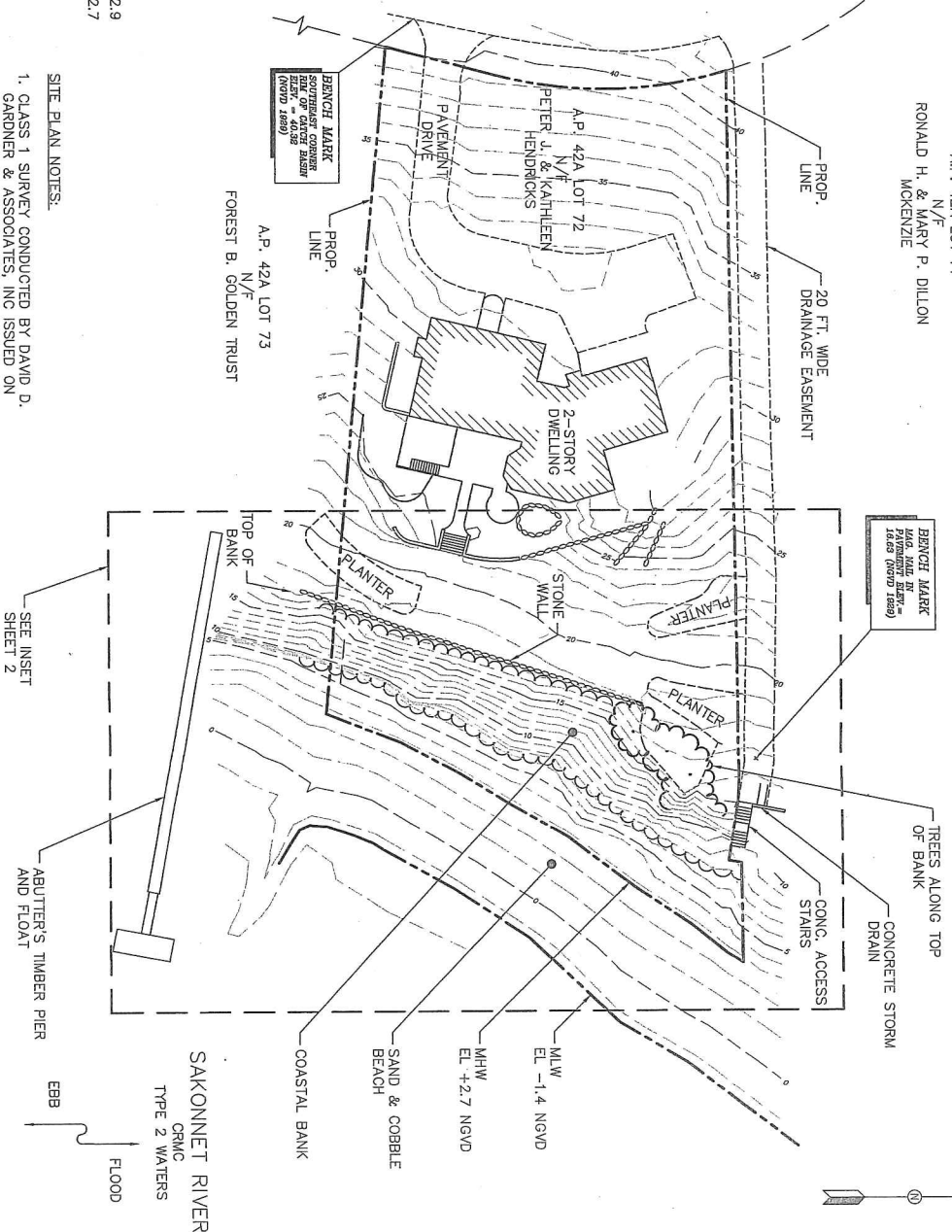
BENCH MARK
SOUTHEAST CORNER
OF LOT 72
ELEV. = 40.32
(NGVD 1989)

BENCH MARK
N.E. CORNER
OF LOT 73
ELEV. = 40.32
(NGVD 1989)

TIDAL
ELEVATION
REFERENCE

MHHW — EL. +2.9
MHW — EL. +2.7
NGVD29 — EL. 0.0
MLW — EL. -1.4
MLLW — EL. -1.6

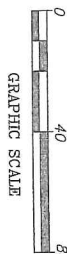
- SITE PLAN NOTES:**
1. CLASS 1 SURVEY CONDUCTED BY DAVID D. GARDNER & ASSOCIATES, INC. ISSUED ON 12-9-12 AND CAN ONLY REFLECT CONDITIONS FOUND ON SITE AT THAT TIME.
 2. ALL ELEVATIONS ARE REFERENCED TO NGVD29.



SAKONNET RIVER
CRMC
TYPE 2 WATERS

HE
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BARRINGTON, RI 02806
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Client/Owner:
MR. PETER HENDRICKS
38 LAMBIE CIRCLE
PORTSMOUTH, RI 02871

Issued for:
RI CRMC
PERMITTING

Drawing Title:
HENDRICKS REVELTMENT
EXISTING CONDITIONS

AUGUST J. KREUZKAMP, III
REGISTERED PROFESSIONAL ENGINEER
CIVIL
2/10/2012

No. 7949

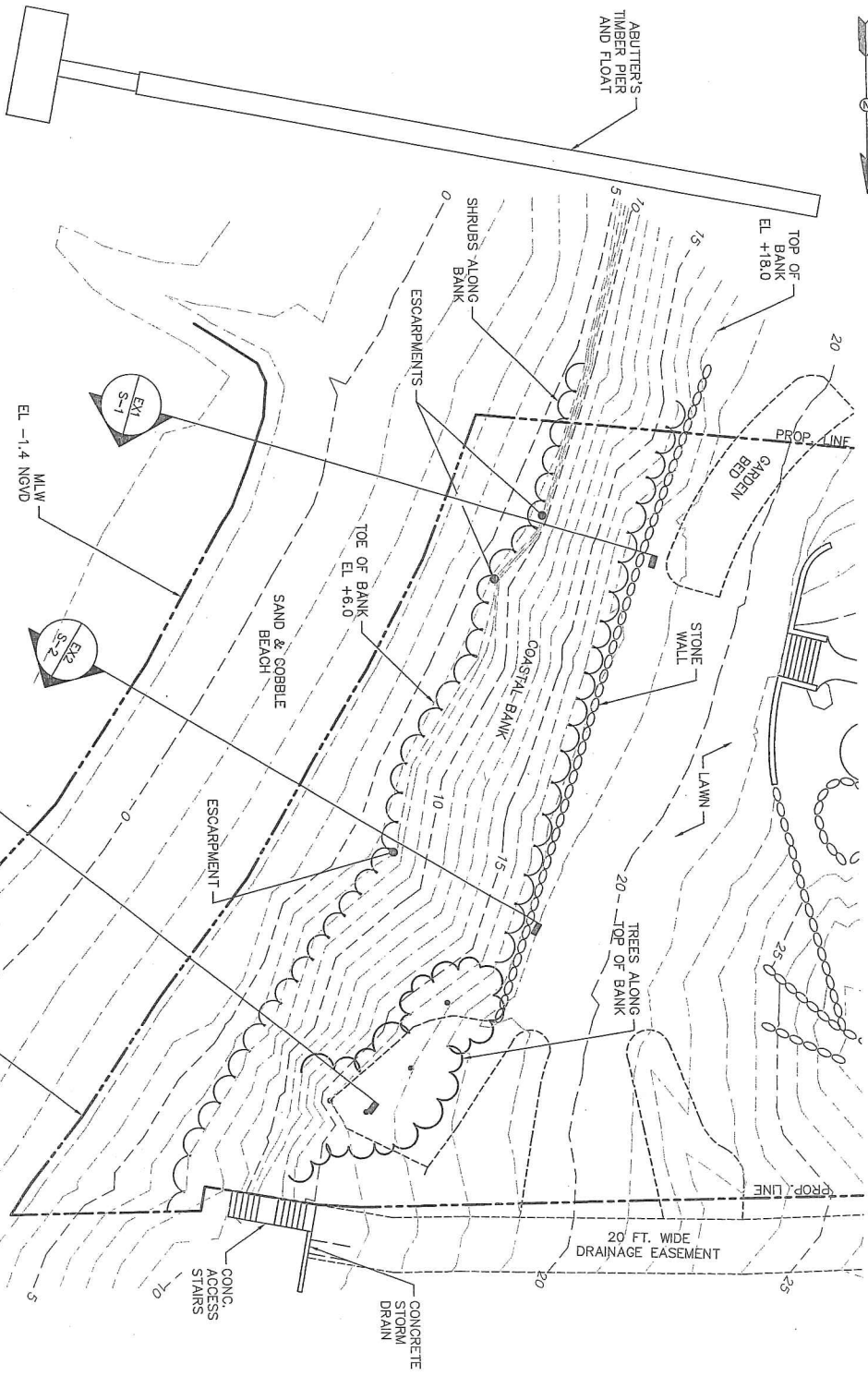
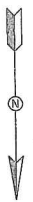
Project Number: 2011-11

Sheet 2 of 8
Drawing Number: EX-1

Date: 2-8-12
Scale: 1"=40'

Designed By: PHC
Drawn By: PHC
Checked By: AJK

RECEIVED
2012
CRMC



SITE PLAN NOTES.

1. CLASS 1 SURVEY CONDUCTED BY DAVID D. GARDNER & ASSOCIATES, INC. ISSUED ON 12-9-12 AND CAN ONLY REFLECT CONDITIONS FOUND ON SITE AT THAT TIME.
2. ALL ELEVATIONS ARE REFERENCED TO NGVD29.

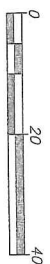
SAKONNET RIVER

CRMC
TYPE 2 WATERS
EBB
FLOOD



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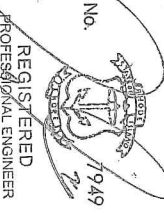
GRAPHIC SCALE

Client/Owner:
MR. PETER HENDRICKS
38 LAMBLE CIRCLE
PORTSMOUTH, RI 02871

Issued For:
**RI CRMC
PERMITTING**

Drawing Title:
**HENDRICKS REVETMENT
EXISTING CONDITIONS
INSET**

AUGUST J. KREUZKAMP III
REGISTERED PROFESSIONAL ENGINEER
CIVIL
7949
2/10/2012

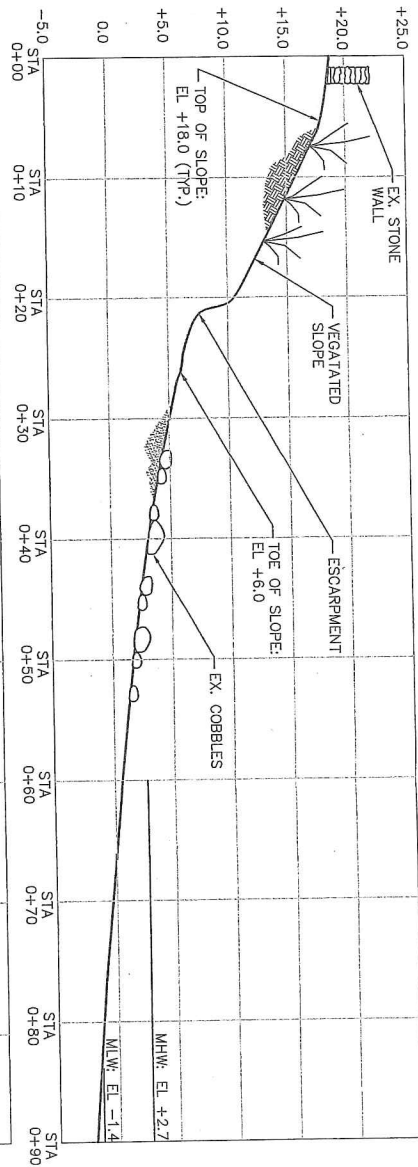


| | |
|-----------------|----------|
| Date: | 2-8-12 |
| Scale: | 1" = 20' |
| Designed By: | PHC |
| Drawn By: | PHC |
| Checked By: | ALK |
| Project Number: | 2011-11 |
| Sheet 3 of 8 | |
| Drawing Number: | EX-2 |

RECEIVED
MAR. 2. 2012

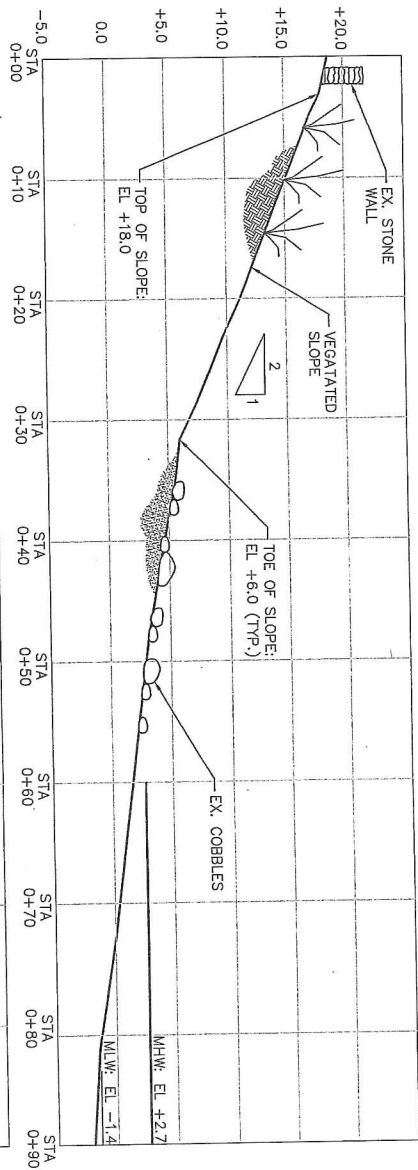
SECTION: EX1

ELEVATION
NGVD29 DATUM



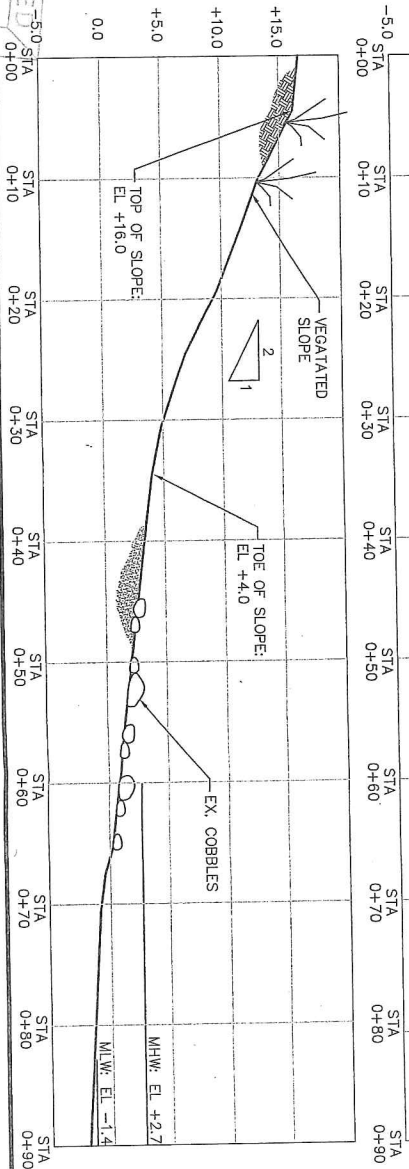
SECTION: EX2

ELEVATION
NGVD29 DATUM



SECTION: EX3

ELEVATION
NGVD29 DATUM



HE
HARBOR ENGINEERING, LLC
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BARRINGTON, RI 02806
(401) 829-4870
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Client/Owner:
MR. PETER HENDRICKS
38 LAMBIE CIRCLE
PORTSMOUTH, RI 02871

Issued for:
RI CRMC
PERMITTING

Drawing Title:
HENDRICKS REVETMENT
EXISTING
CROSS SECTIONS

| | | |
|--|--|------------------|
| No. 1949 | | Date: 2-8-12 |
| AUGUST J. KREUZKAMP, III | | Scale: 1" = 10' |
| REGISTERED PROFESSIONAL ENGINEER CIVIL 24626 | | Designed By: PHC |
| | | Drawn By: PHC |
| | | Checked By: ALK |
| Project Number: 2011-11 | | |
| Sheet 4 of 8 | | |
| Drawing Number: S-1 | | |

RECEIVED
MAR 2 2012



ABUTTER'S
TIMBER PIER
AND FLOAT

TOP OF
BANK
EL. +18.0

PROP. LINE

GARDEN
BED

STONE
WALL

TOP OR
REVEMENT
EL. +13.0

TOP OF BANK

TREES ALONG
TOP OF BANK

PROP. LINE

20 FT. WIDE
DRAINAGE EASEMENT

BLEND REVEMENT
MATERIAL INTO
ABUTTING SLOPE

4 FT. WIDE ARMOR
LAYER RETURN

TOE OF
REVEMENT
VARIES

REVEMENT

SAND & COBBLE
BEACH

MHW
EL. +2.2 NGVD

M.L.W.
EL. -1.4 NGVD

BLEND REVEMENT
MATERIAL INTO
ABUTTING SLOPE

CONCRETE
STORM
DRAIN
CONC.
ACCESS
STAIRS

SITE PLAN NOTES:

1. SEE SHEETS 7 & 8 FOR RELEVANT PROJECT NOTES
2. ALL ELEVATIONS ARE REFERENCED TO NGVD29.

SAKONNET RIVER

CRMC
TYPE 2 WATERS

EBB
FLOOD



HARBOR ENGINEERING, LLC
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Client/Owner:
MR. PETER HENDRICKS
38 LAMBIE CIRCLE
PORTSMOUTH, RI 02871

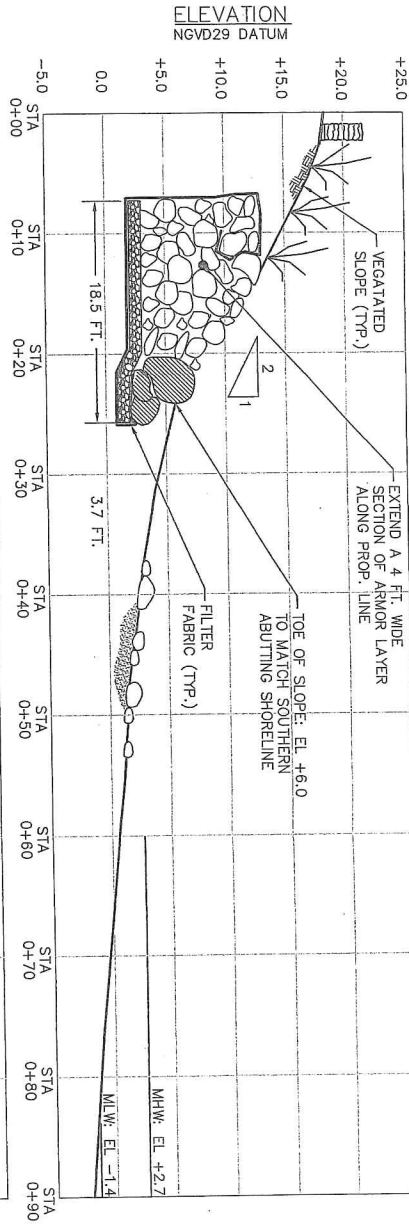
Issued for:
**RI CRMC
PERMITTING**

Drawing Title:
**HENDRICKS REVEMENT
PROPOSED CONDITIONS**

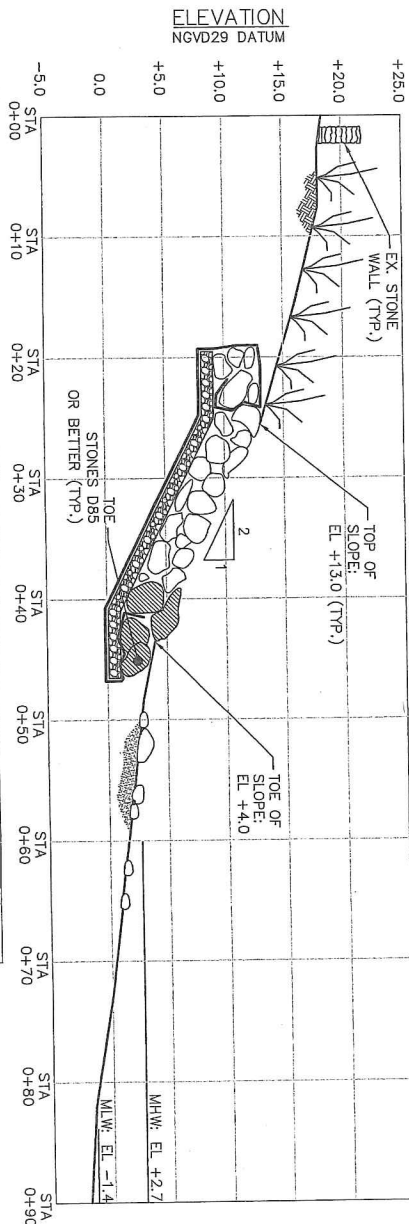
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| No. | 7949 |
| REGISTERED PROFESSIONAL ENGINEER CIVIL | 4/15/2012 |
| Date: | 2-28-12 |
| Scale: | 1" = 20' |
| Designed By: | PHC |
| Drawn By: | PHC |
| Checked By: | AJK |
| Project Number: | 2011-11 |
| Sheet | 5 of 8 |
| Drawing Number: | PR-1 |

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MAR 2 2012
CRMC

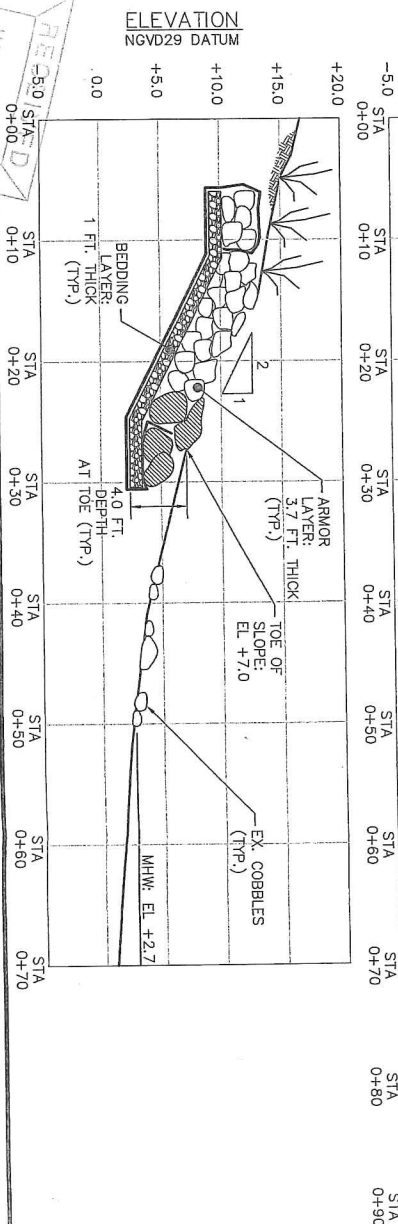
SECTION: PR1



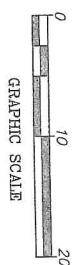
SECTION: PR2



SECTION: PR3



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Client/Owner:
MR. PETER HENDRICKS
38 LAMBIE CIRCLE
PORTSMOUTH, RI 02871

Issued for:
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PERMITTING

Drawing Title:
HENDRICKS REVETMENT
PROPOSED
REVIEW CROSS SECTIONS

August J. Kreuzkamp, III
7949
2011-11

REGISTERED PROFESSIONAL ENGINEER
CIVIL 9/26/2012
No. 7949
2
Date: 2-28-12
Scale: 1" = 10'
Designed by: PHC
Drawn by: PHC
Checked by: ALK
Project Number: 2011-11
Sheet 6 of 8
Drawing Number: S-2

RECEIVED
August 2 2012
CRS

RIP RAP NOTES:

1. ARMOR STONE SHALL BE SIZED ACCORDING TO THE ATTACHED GRADATION TABLE AND BE DENSE, SOUND GENISS, DIORITE, OR BASALT, HAVING A MIN. DENSITY OF 165 PCF. TOE STONES TO BE SIZED AT A MINIMUM OF THE D85 DIAMETER (GRADATION TABLE) OR BETTER.
2. ARMOR STONES SHOULD BE PLACED SUCH THAT THEY NOT PROTRUDE EXCESSIVELY FROM THE STRUCTURE FACE TO PREVENT EXCESSIVE WAVE ACTION ON INDIVIDUAL STONES. HOWEVER, THE FACE SHOULD NOT BE FLAT AND EXCESSIVELY TIGHT. STONES SHOULD NOT PROTRUDE MORE THAN ONE-FIFTH OF ITS DIMENSION PERPENDICULAR TO THE STRUCTURE FACE.
3. FILTER STONE SHALL BE SIZED ACCORDING TO THE ATTACHED GRADATION TABLE AND CONSIST OF CRUSHED DURABLE STONE, HAVING A MIN. DENSITY OF 165 PCF.
4. FILTER FABRIC SHALL BE MIRAFI FILTERWEAVE 700 OR EQUIVALENT. FILTER FABRIC SHALL BE BACK-WRAPPED INTO THE FILTER STONE AT ALL TERMINATIONS.
5. STONES SHOULD BE KEYED AND FITTED, MAXIMIZING CONTACT ON ALL SIDES. THREE POINTS OF CONTACT (MINIMUM) ARE REQUIRED BETWEEN A STONE AND OTHER STONES IN THE SAME LAYER OR WITH OTHER STONES IN THE LAYER AND A STRUCTURE CAP.
6. STONES SHALL BE PLACED IN A MANNER SUCH THAT THE LONGITUDINAL AXIS OF EACH STONE IS NORMAL TO THE AXES OF THE STRUCTURE, AND SLOPE DOWNWARD TOWARD THE CENTER OF THE STRUCTURE. ALL CAP STONE SHOULD BE PLACED TOGETHER AS CLOSELY AS PRACTICAL.
7. CONTRACTOR SHALL IDENTIFY QUARRY SOURCE FOR ALL STONE MATERIALS FOR ENGINEER TO INSPECT PRIOR TO SHIPMENT TO PROJECT SITE.
8. STONE GRADATION TABLE:

| STONE GRADATION TABLE | | | | | |
|-----------------------|---------------|-------------|------------------|---------------|-------------|
| ARMOR LAYER | | | BEDDING LAYER | | |
| % LESS BY WEIGHT | WEIGHT (LBS.) | DIAM. (FT.) | % LESS BY WEIGHT | WEIGHT (LBS.) | DIAM. (IN.) |
| 0 (MIN) | 131 | 0.93 | 0 (MIN) | 0.34 | 1.56 |
| 15 | 419 | 1.36 | 15 | 0.58 | 1.80 |
| 50 | 1,048 | 1.85 | 50 | 1.94 | 2.76 |
| 85 | 2,054 | 2.32 | 85 | 6.55 | 4.08 |
| 100 (MAX) | 4,192 | 2.94 | 100 (MAX) | 11.03 | 4.92 |



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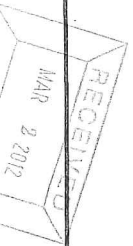
GRAPHIC SCALE

Client/Owner:
MR. PETER HENDRICKS
38 LAMBE CIR.
PORTSMOUTH, RI 02871

Issued For:
RI CRMC
PERMITTING

Drawing Title:
HENDRICKS REVETMENT
NOTES 2

| | |
|--|-------------------------------|
| No. 7949 | |
| AUGUST J. KREUZKAMP, III | |
| REGISTERED PROFESSIONAL ENGINEER CIVIL 4292012 | |
| Project Number: 2011-11 | Scale: 2-in-12 |
| Designed By: PHC | Drawn by: PHC |
| Checked by: ALJ | |
| Sheet 8 of 8 | Drawing Number: N-2 |



GENERAL NOTES.

1. DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL REMAIN THE PROPERTY OF HARBOR ENGINEERING, LLC. DOCUMENTS ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR OTHER PROJECTS OR PURPOSES OR BY ANY OTHER PARTIES THAN THOSE AUTHORIZED BY CONTRACT WITHOUT THE SPECIFIC WRITTEN AUTHORIZATION OF HARBOR ENGINEERING, LLC. THE USE OF THIS DOCUMENT IS CONTINGENT UPON PAYMENT TO HARBOR ENGINEERING, LLC, FOR SERVICES RENDERED. NON-PAYMENT SHALL GIVE HARBOR ENGINEERING, LLC, THE AUTHORITY TO BAR DOCUMENT USE BY ANY AND ALL PARTIES.
2. ALL WORK SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS AS SHOWN IN THESE PLANS AND SPECIFICATIONS.
3. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID FOR THE PROJECT.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT THE CONDITIONS SHOWN HEREIN ARE AS THEY APPEAR ON-SITE AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES IN DIMENSIONS AND/OR SITE CONDITIONS. THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION IN ANY SUCH AFFECTED AREA UNTIL THE DISCREPANCY HAS BEEN RESOLVED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRINGING ALL ELEMENTS OF THE PROJECT IN CONFORMANCE WITH THESE PLANS AND SPECIFICATIONS. IF ANY MODIFICATIONS ARE REQUIRED IN ANY ELEMENT, THE CONTRACTOR SHALL SUBMIT PROPOSED CHANGES IN WRITING TO THE ENGINEER FOR REVIEW.
6. ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED. METHODS OF CONSTRUCTION AND ERECTION OF STRUCTURAL MATERIAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
7. ALL WORK SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND STATUTES AND THE REQUIREMENTS AND CONDITIONS OF ALL REGULATORY PERMITS ISSUED FOR THE WORK.
8. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE OSHA CODE, THE RHODE ISLAND STATE BUILDING CODE, AND THE REFERENCED STANDARDS INCLUDED THEREIN THAT ARE APPLICABLE TO THIS PROJECT.
9. 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.
10. 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 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 DECISION AS TO WHAT INFORMATION TAKES PRECEDENCE WILL BE MADE BY THE ENGINEER OF RECORD ON THE BASIS OF THAT INTENT.
11. THE CONTRACTOR SHALL PLACE CONSTRUCTION DEBRIS CONTROL DEVICES, BOOMS, TARPULINS, FLOATS, STAGING, AND OTHER DEVICES NECESSARY AS TO PREVENT CONSTRUCTION DEBRIS FROM ENTERING THE WATER AND AIRBORNE MATERIALS FROM LEAVING THE IMMEDIATE AREA OF THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEAN UP OF ANY MATERIALS DEPOSITED OUTSIDE THE WORK AREA OR IN THE WATER. SEE PERMIT CONDITIONS.
12. ALL ELEVATIONS (BOTH UPLAND AND BATHYMETRIC) ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).
13. ALL SUB AQUEOUS DEBRIS AND EXISTING BURIED STRUCTURES UNCOVERED DURING CONSTRUCTION SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
14. ALL COMPONENT DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND FABRICATION OR ORDERING OF ANY CONSTRUCTION MATERIALS. SHOULD THERE BE DISCREPANCIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OR FABRICATION.
15. ALL SECTIONS AND DETAILS APPLY TO THE SAME AND SIMILAR CONDITIONS UNLESS SPECIFICALLY NOTED OTHERWISE HEREIN.
16. 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.
17. THE CONTRACTOR SHALL SAFEGUARD AND PROTECT ALL EXCAVATIONS.
18. THE CONTRACTOR SHALL REMOVE ALL ASSOCIATED CONSTRUCTION EQUIPMENT, DEBRIS, AND EXCESS MATERIAL FROM THE SITE UPON COMPLETION OF WORK.

HARBOR ENGINEERING, LLC
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BARRINGTON, RI 02806
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harboeng.com



Client/Owner
MR. PETER HENDRICKS
38 LAMBIE CIR.
PORTSMOUTH, RI 02871

Issued for:
**RI CRMC
PERMITTING**

Drawing Title
HENDRICKS REVETMENT
NOTES 1

| | | |
|--------------------------------|--|----------------------------|
| No. 7849 | | Date: 2-8-12 |
| Designed By: PHG | | Scale: |
| Drawn by: PHG | | |
| Checked by: ALJ | | |
| Project Number: 2011-11 | | |
| Sheet 7 of 8 | | Drawing Number: N-1 |

REGISTERED PROFESSIONAL ENGINEER
CIVIL
AUGUST J. KREUZKAMP III
7/8/49
2/8/2012

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MAR 2 2012