



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

PUBLIC NOTICE

File Number: 2013-11-084

Date: February 4, 2014

This office has under consideration the application of:

Charles Richardson
466 East Shore Road
Jamestown, RI 02835

for a State of Rhode Island Assent to construct and maintain: a shoreline protection facility consisting of an approximately 205' long rip rap revetment.

Project Location:	466 East Shore Road
City/Town:	Jamestown
Plat/Lot:	4 / 19
Waterway:	Narragansett Bay – East Passage

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.

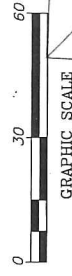
You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what 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 4, 2014.



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

No.	Revision	Date	App.



GRAPHIC SCALE

Client/Owner:

CHARLES C. RICHARDSON JR.
466 EAST SHORE ROAD
JAMESTOWN, RI

Issued for:

RI-CRMC
PERMITTING

Drawing Title:

SITE PLAN
EXISTING CONDITIONS

DATE: OCT 31, 2013
SCALE: 1" = 30'

DESIGNED BY: AUK
DRAWN BY: AUK
CHECKED BY:
PROJECT NUMBER: 2012-09

SHEET 1 OF 5
DRAWING NUMBER: EX-1

NO. 7949

AUGUST J. KREUZKAMP III
REGISTERED PROFESSIONAL ENGINEER
CIVIL 11/18/13

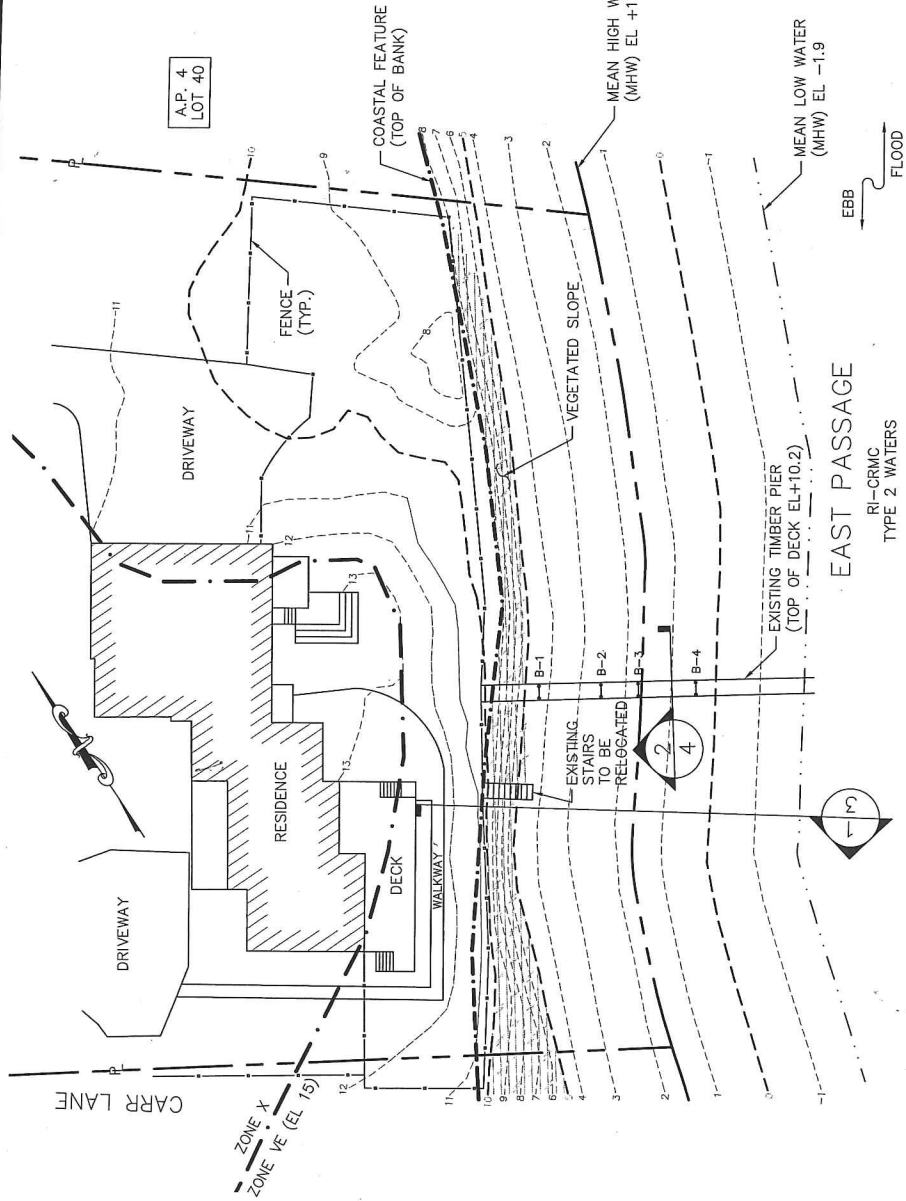
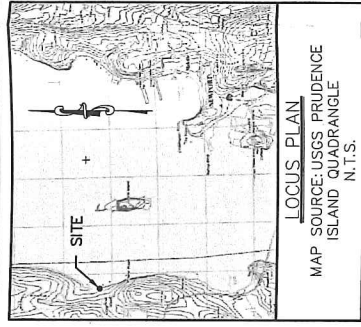
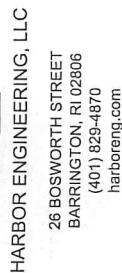
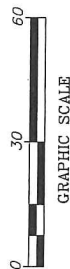


TABLE 1: TIDAL AND STORM SURGE BENCHMARKS	
BENCHMARK	ELEVATION (FT-NAVD88)
MEAN LOW WATER (MLW)	-1.9
MEAN HIGH WATER (MHW)	1.6
10 YEAR STILLWATER ELEVATION	5.4
50 YEAR STILLWATER ELEVATION	8.5
100 YEAR STILLWATER ELEVATION	10.8

- NOTES:
- SITE INFORMATION PRESENTED HEREIN IS BASED ON THE CLASS I SURVEY PLAN PREPARED BY DARVEAU LAND SURVEYING, INC. DATED 6/20/2013 TITLED "SITE PLAN OF LAND FOR CHARLES C. RICHARDSON, JR.; PLAT 4, LOT 19; 466 EAST SHORE ROAD; JAMESTOWN, RHODE ISLAND" AND CAN ONLY REFLECT CONDITIONS FOUND ON-SITE AT THAT TIME.
 - ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
 - ELEVATIONS FOR TIDAL BENCHMARKS (MLW & MHW) WERE OBTAINED FROM THE NOAA TIDAL GAUGE FOR NEWPORT, RI BASED ON 1983-2001 TIDAL EPOCH. ELEVATIONS FOR STORM SURGE WERE OBTAINED FROM THE NEAREST TRANSECT (#11) OBTAINED FROM THE FEMA FLOOD INSURANCE STUDY FOR NEWPORT COUNTY DATED SEPTEMBER 4, 2013.
 - THE PARCEL LIES WITHIN FLOOD ZONES VE (ELEV 15) AND A ZONE X (AREA OF 0.2% ANNUAL CHANCE OF FLOOD) AS SHOWN ON FLOOD INSURANCE RATE MAP NEWPORT COUNTY RHODE ISLAND PANEL 86 OF 226 MAP NUMBER 44005C0086J EFFECTIVE DATE SEPTEMBER 4, 2013.



No.		Revision	Date	App.
RECEIVED				
NOV 21 2013				
C.R.N.G.				



Client/Owner:
CHARLES C. RICHARDSON JR
466 EAST SHORE ROAD
JAMESTOWN, RI

Issued for: RI CRMC PERMITTING

Drawing Title:

Date:	OCT 31, 2013
Scale:	1" = 30'
Designed By:	AJK
Drawn by:	AJK
Checked by:	
Project Number:	2012-09
Sheet:	2 of 5
Drawing Number:	PR-1

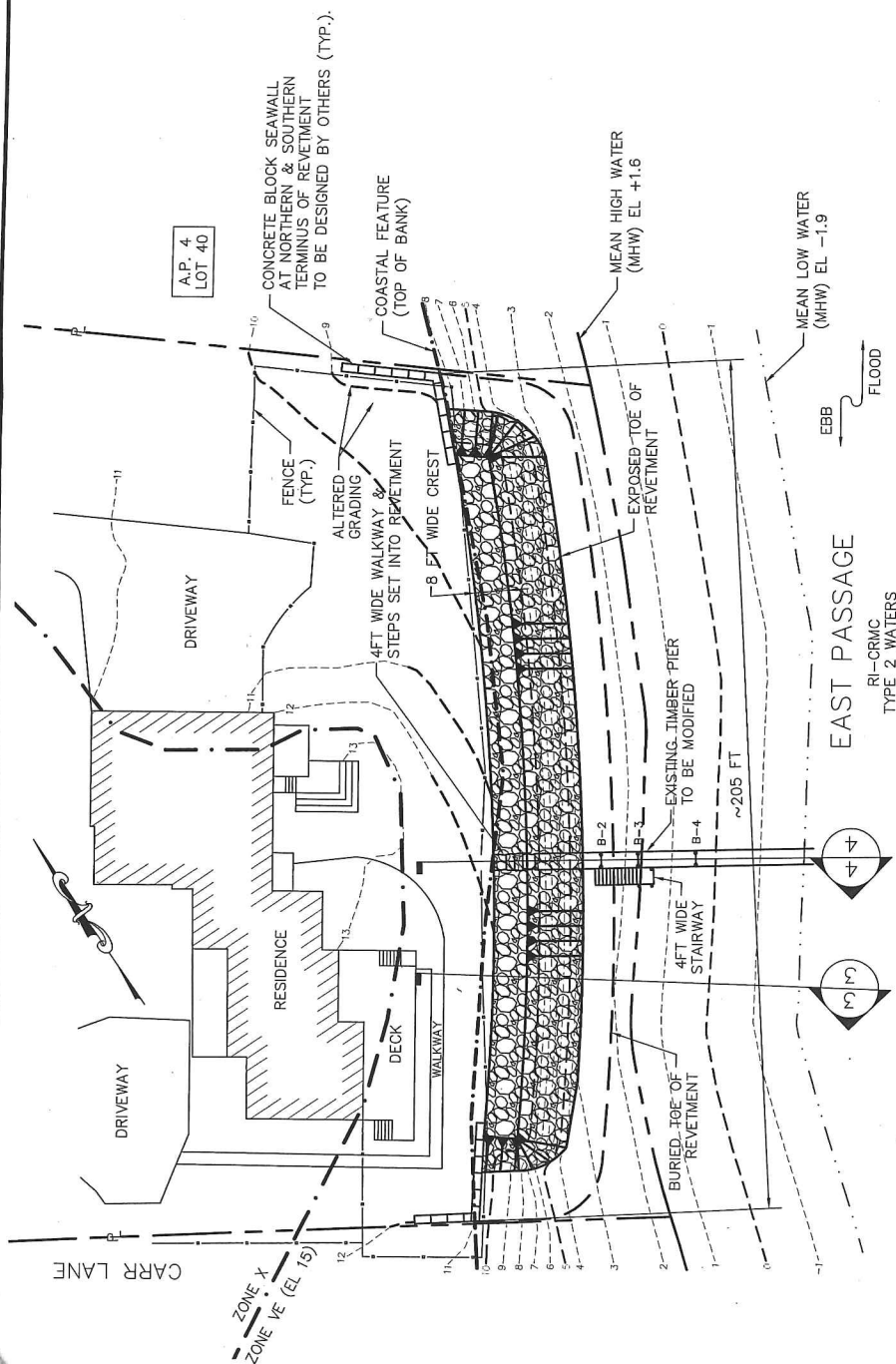
AUGUST J. KREUZKAMP III

No. 7949

**REGISTERED
PROFESSIONAL ENGINEER
CIVIL**

11/15/13

STONE GRADATION TABLE					
ARMOR LAYER			BEDDING LAYER		
% LESS BY WEIGHT	WEIGHT (TONS.)	DIAM. (FT.)	% LESS BY WEIGHT	DIAM. (IN.)	
0 (MIN)	0.3	1.5	0 (MIN)	2	
15	0.8	2.1	15	3	
50	1.9	2.9	50	4	
85	3.7	3.6	85	6	
100 (MAX)	7.6	4.5	100 (MAX)	7	

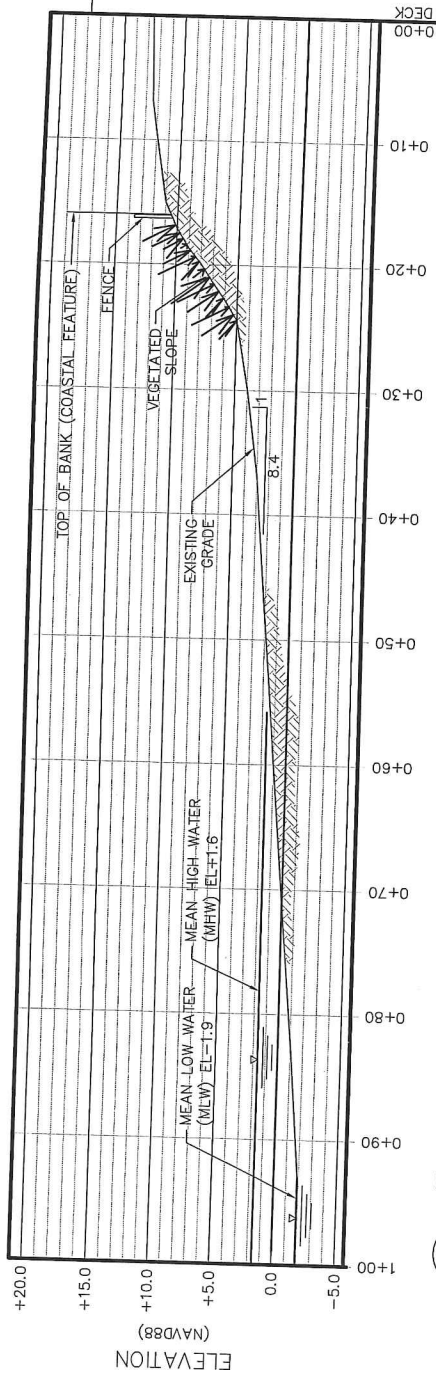


NOTES:

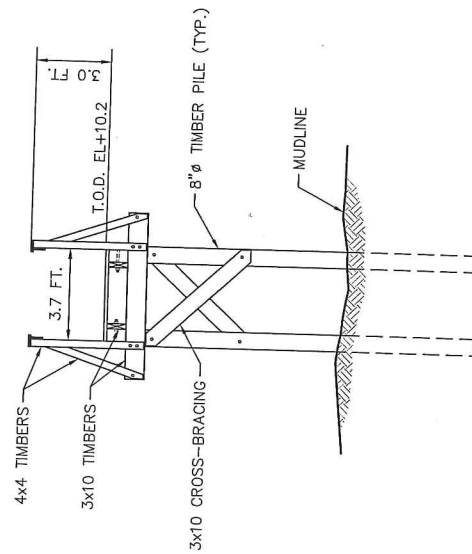
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- TOP OF TIMBER
DECK (EL +17.7)



1 EX. SHORELINE: CROSS SECTION



2 TYPICAL PIER CROSS SECTION

20131031_RICHARDSON PLANS DWG

[illegible]

Client/Owner:

CHARLES C. RICHARDSON JR
466 EAST SHORE ROAD
JAMESTOWN, RI

Issued for:

RI CRMC
PERMITTING

Drawing Title:

CROSS SECTIONS EXISTING CONDITIONS SECTIONS 1 & 2

Date:	OCT 31, 2013
Scale:	VARIABLES
Designed By:	AJK
Drawn by:	AJK
Checked by:	
Project Number:	2012-09
Sheet	3 of 5
Drawing Number:	X1

AUGUST J. KREUZKAMP, III



No. 7949

REGISTERED
PROFESSIONAL ENGINEER
CIVIL 11/16/13

[illegible]

0 10 20

GRAPHIC SCALE

Client/Owner:

CHARLES C. RICHARDSON JR
466 EAST SHORE ROAD
JAMESTOWN, RI

Issued for:

RI CRMC
PERMITTING

Drawing Title:

CROSS SECTIONS
PROPOSED CONDITIONS
SECTIONS 3 & 4

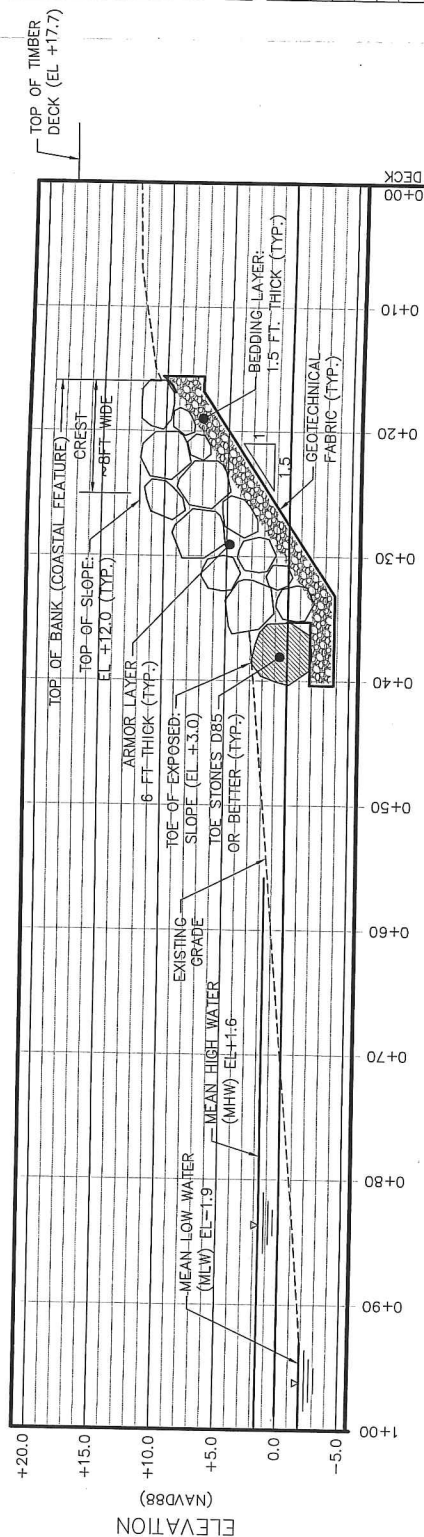
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Scale:	AS SHOWN
Designed By:	AJK
Drawn by:	AJK
Checked by:	
Project Number:	2012-09
Sheet	4 of 5
Drawing Number:	X-2



**REGISTERED
PROFESSIONAL ENGINEER
CIVIL**

No. 7919

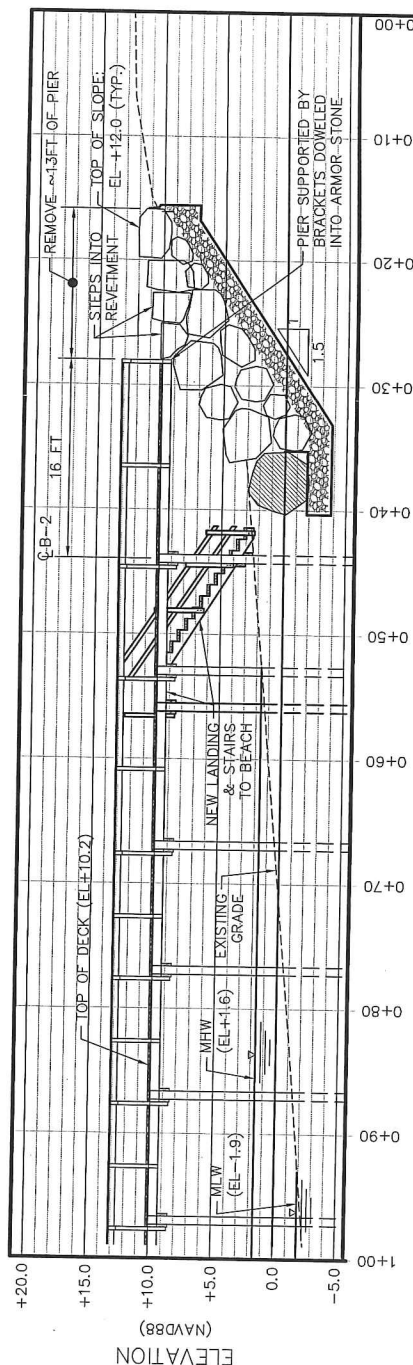
AUGUST J. KREUTZKAMP, III



PR. SHORELINE: CROSS SECTION

Scale: 1" = 10'

REFER TO SHEET PR-1 FOR STONE
MATERIAL SIZE SPECIFICATIONS



PR. SHORELINE: CROSS SECTION

Scale: 1" = 10'

GENERAL NOTES:

- DRAWING AND SPECIFICATIONS, AS INSTRUMENTS OF PROFESSIONAL SERVICE, ARE 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.
- REVIEW DESIGN IS BASED FROM A 100 YEAR STORM EVENT THAT INCLUDES A 79 MPH WIND (1-HR) OUT OF THE EAST AND NORTHEAST DIRECTIONS FOR A 1-HOUR PERIOD YIELDING SIGNIFICANT WAVES WITH A H₁=6.7 FT AND PERIOD 5.0 SEC.

GENERAL CONSTRUCTION NOTES:

- ALL WORK SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS AS SHOWN IN THESE PLANS AND SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT THE CONDITIONS SHOWN HEREIN AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES IN DIMENSIONS AND/ OR SITE CONDITIONS PRIOR TO THE FABRICATION AND/OR ORDERING OF ANY CONSTRUCTION MATERIALS. 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.
- 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.
- ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED. METHODS OF CONSTRUCTION AND ERECTION OF STRUCTURAL MATERIAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 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.
- 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.
- ALL WORK SHALL CONFORM TO THE PENDING REGULATORY STIPULATIONS TO BE ISSUED BY RI COASTAL RESOURCES MANAGEMENT COUNCIL.
- THE CONTRACTOR WILL IDENTIFY AREAS ON THE SITE THAT WILL BE ACCESSIBLE TO THE CONTRACTOR FOR STOCKPILING MATERIAL, STORING EQUIPMENT AND ACCESSING THE ACTIVE WORK AREA.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING A LOG OF DRIVEN PILE DEPTH FOR EACH PILE INSTALLED AND REPORT ANY PILE OR SET OF PILES NOT MEETING THE MINIMUM REQUIREMENTS STATED ON THE PLANS. PAYMENTS WILL BE WITHHELD UNTIL DRIVE LOGS HAVE BEEN SUBMITTED FOR ENGINEER'S REVIEW.
- 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.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID FOR THE PROJECT.
- THE CONTRACTOR SHALL SAFEGUARD AND PROTECT ALL EXCAVATIONS.

DEMOLITION NOTES:

- DEBRIS FROM THE DEMOLITION OF ANY EXISTING STRUCTURES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE COMPLETELY REMOVED FROM THE JOB SITE AND DISPOSED OF IN A SAFE AND LEGAL MANNER.
- ## TIMBER NOTES:
- ALL TIMBER MATERIAL SHALL BE SOLID SAWN LUMBER (S4S) SOUTHERN YELLOW PINE GRADE NO. 2 OR BETTER IN ACCORDANCE WITH EITHER THE SOUTHERN PINE INSPECTION BUREAU OR THE TIMBER PRODUCTS INSPECTION BUREAU GRADING RULES.
 - ALL TIMBER MATERIAL USED SHALL BE TREATED WITH CCA PRESERVATIVE SUFFICIENT FOR MARINE CONSTRUCTION (MINIMUM RETENTION: 0.6 LBS PER CUBIC FOOT).
 - BRUSH APPLY TWO (2) COATS OF WOOD PRESERVATIVE TO SURFACE OF PRESERVATIVE TREATED MATERIALS WHICH HAVE BEEN FIELD CUT, DRESSED OR DRILLED.
 - ALL CONNECTION BOLTS SHALL BE ACCOMPANIED BY APPROPRIATELY SIZED NUTS AND WASHERS.
 - COUNTER SINK AREAS WHERE HARDWARE INTERFERES WITH CONSTRUCTION.
 - ALL HARDWARE INCLUDING NAILS, SCREWS, BOLTS, NUTS AND WASHERS SHALL BE HOT-DIPPED GALVANIZED STEEL.
 - ALL BOLTS SHALL BE ASTM A307 OR BETTER.

RIP RAP NOTES:

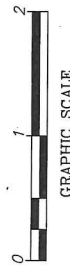
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO LIMIT THE AMOUNT OF EXPOSED SHORELINE DURING CONSTRUCTION IN ORDER TO MINIMIZE THE CHANCE OF SHORELINE RECESION SHOULD A STORM EVENT OCCUR DURING CONSTRUCTION. IN SUCH A CASE, THE CONTRACTOR SHALL TEMPORARILY PLACE STONE MATERIAL ALONG ANY EXPOSED SHORELINE SHOULD A SIGNIFICANT STORM EVENT OCCUR.
- ARMOR STONE SHALL BE A DENSE, SOUND GENISS, DIORITE, OR BASALT, HAVING A MIN. DENSITY OF 165 PCF.
- 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 IT'S DIMENSION PERPENDICULAR TO THE STRUCTURE FACE.
- FILTER STONE SHALL CONSIST OF CRUSHED DURABLE STONE, HAVING A MIN. DENSITY OF 165 PCF.
- 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.
- STONE 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.
- CONTRACTOR SHALL IDENTIFY QUARRY SOURCE FOR ALL STONE MATERIALS FOR ENGINEER TO INSPECT PRIOR TO SHIPMENT TO PROJECT SITE.
- FILTER FABRIC SHALL BE MIRAFI FILTERWEAVE 700. FILTER FABRIC SHALL BE BACK-WRAPPED INTO THE FILTER STONE AT ALL TERMINATIONS.



HARBOR ENGINEERING, LLC

26 BOSWORTH STREET
BARRINGTON, RI 02806
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harboreng.com

No.	Revision	Date	App.



Client/Owner:

CHARLES C. RICHARDSON JR
466 EAST SHORE ROAD
JAMESTOWN, RI

Issued for:

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PERMITTING

Drawing Title:

NOTES

Date:	OCT 31, 2013
Scale:	N/A
Designed By:	AJK
Drawn by:	AJK
Checked by:	
Project Number:	2012-09
Sheet	5 of 5
Drawing Number:	N-1

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CIVIL 11/15/13