



U.S. Army Corps  
of Engineers  
Baltimore District

# Public Notice

In Reply to Application Number  
CENAB-OP-RMN (RIVIERA BEACH CORPORATION /  
SHORELINE EROSION CONTROL) 2014-61975-M18

PN 15-74

Comment Period: October 30, 2015 to November 30, 2015

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**THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.**

This District has received an application for a Department of the Army permit pursuant to **Section 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act (33. U.S.C. 1344)** as described below:

**APPLICANT:** Mr. Jeff Brewis  
Riviera Beach Corporation  
269 Kenwood Road  
Pasadena, Maryland 21122

**WATERWAY AND LOCATION:** The project is located in the Patapsco River, off Riviera Beach at the end of Meadow Lane and Harbor Lights Lane, Pasadena, Anne Arundel County, Maryland.

**PROPOSED WORK:** To reconstruct approximately 105 linear feet of stone revetment and approximately 560 linear feet of stone breakwater a maximum distance of 40 feet channelward from the approximate mean high water shoreline. To reconstruct two 110 foot stone groins attached to the breakwater structure extending a maximum distance of 130 feet channelward from the approximate mean high water shoreline. To deposit and grade approximately 550 cubic yards of clean sand no closer than 10 feet from the landward side of the breakwater. The purpose of the project is to rebuild the existing failing stone breakwater structure to provide improved erosion protection along the community shoreline. All work will be completed in accordance with the enclosed revised plans dated May 1, 2015. A Department of the Army (DA) permit (CENAB-OP-RW 1991-65929) was issued on December 31, 1991 for the existing stone breakwater, which has expired.

If you have any questions concerning this project, please contact Mr. Richard Kibby, of this office at 410-962-0694 or [richard.kibby@usace.army.mil](mailto:richard.kibby@usace.army.mil).

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonable may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economic, aesthetics, general environmental concerns, wetlands, cultural values,

fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and consideration of property ownership and in general, the needs and welfare of the people.

The evaluation of the impacts of the work described above on the public interest will include application of the Clean Water Act 404(b)(1) Guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments provided will become part of the public record for this action. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [Attn: Mr. Richard Kibby, CENAB-OP-RMN], P.O. Box 1715, Baltimore, Maryland, 21203-1715 or [richard.kibby@usace.army.mil](mailto:richard.kibby@usace.army.mil), within the comment period specified above.

**ESSENTIAL FISH HABITAT:** The Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 04-267), requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely effect Essential Fish Habitat (EFH).

The project site lies in or adjacent to EFH as described under MSFCMA for windowpane flounder (*Scopthalmus aquosus*) juvenile and adult; blue fish (*Pomatomus saltatrix*) juvenile and adult; summer flounder (*Paralichthys dentatus*) juvenile and adult; and egg, larvae, juvenile and adult stages of red drum (*Sciaenops ocellatus*), king mackerel (*Scomberomorus cavalla*), spanish mackerel (*Scomberomorus maculatus*), and cobia (*Rachycentron canadum*), all managed species under the MSFCMA.

The project has the potential to adversely affect EFH or the species of concern by loss of spawning, nursery, forage and/or shelter habitat as described under the MSFCMA for the species and life stages identified above. The Baltimore District has made a preliminary determination that site-specific impacts would not be substantial and an abbreviated consultation will be conducted with NMFS. This determination may be modified if additional information indicates otherwise and would change the preliminary determination.

**WATER QUALITY CERTIFICATION:** The applicant is required to obtain a water quality certification in accordance with Section 401 of the Clean Water Act from the Maryland Department of the Environment. Any written comments concerning the work described above

which relate to water quality certification must be received by the Maryland Department of the Environment, Tidal Wetlands Division, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. MDE has a statutory limit of one year from the date of this public notice to make its decision.

**COASTAL ZONE MANAGEMENT PROGRAMS:** The applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the Maryland Coastal Zone Management (CZM) Program. By this public notice, we are requesting the State concurrence or objection to the applicant's consistency statement. Public comments relating to consistency must be received by the Maryland Department of the Environment, Tidal Wetlands Division, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period specified above to receive consideration. MDE has a statutory limit of 6 months to concur or object to the applicant's consistency determination.

The applicant must obtain any State or local government permits which may be required.

A preliminary review of this application indicates that the proposed work will not affect Federal listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion, therein, are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the request permit.

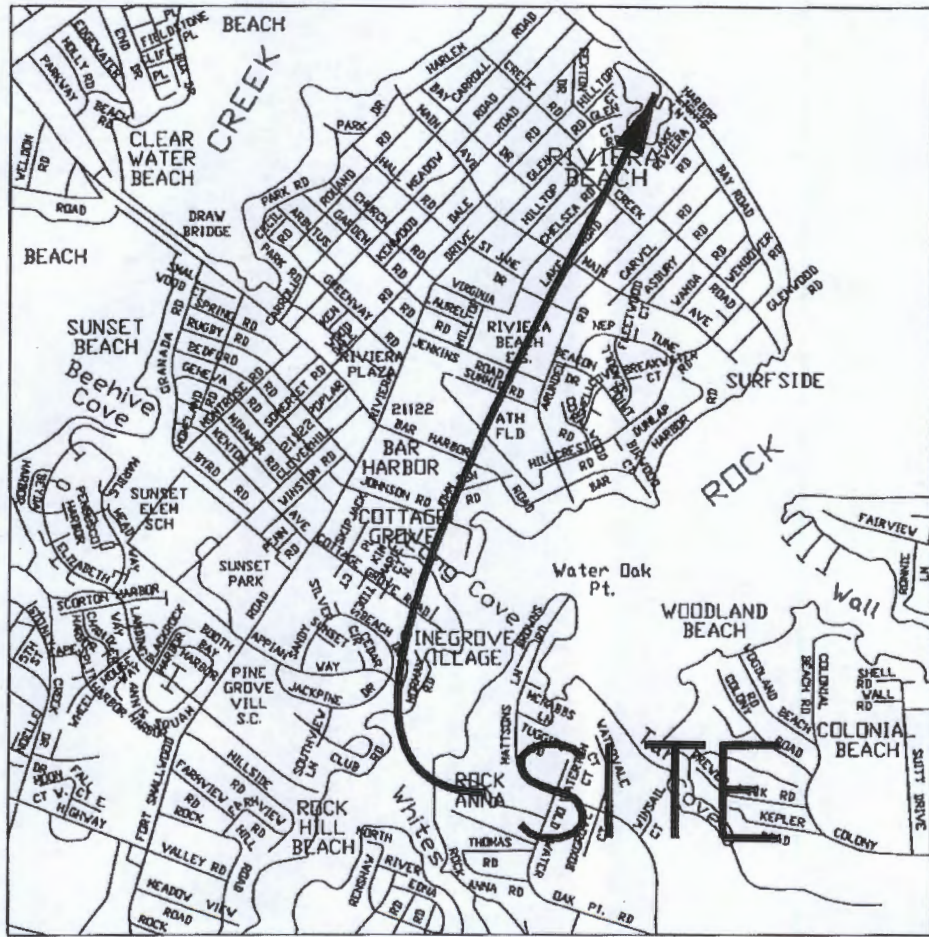
Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [Attn: Mr. Richard Kibby, CENAB-OP-RMN], P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period as specified above to receive consideration. Also it must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected.

It is requested that you communicate this information concerning the proposed work to any persons know by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

Joseph P. DaVia  
Chief, Maryland Section Northern

VICINITY MAP 1" = 2000'



Tax Account No.:  
3693-2526-5500  
Tax Map: 11  
Parcel: 84  
Deed Ref: 1469/532  
Lot: 8, 56 & Beach  
Zoning: OS  
Lot Size: 3.42 Ac.

MAPS SHEET  
SCALE: AS NOTED  
Waterfront Engineering,  
Design and Construction, Inc.  
303 Najoles Rd. St. 114  
Millersville, MD 21108  
(410) 703-8533  
waterfrontdesign@verizon.net

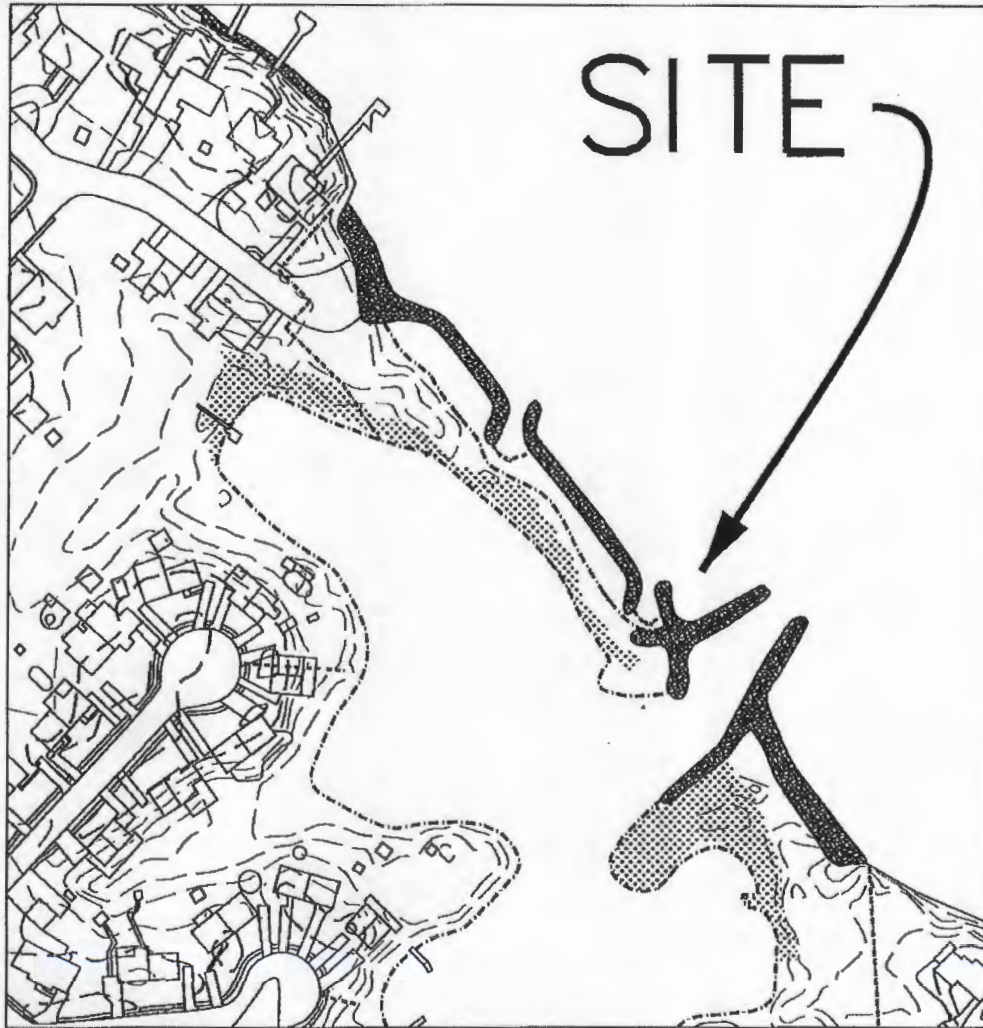
PROPOSED: REVISED 5-1-2015  
Shoreline erosion control work.  
in: Potapsco River State: Maryland  
co: Anne Arundel at: Riviera Beach Lake View  
Application by: Rivierbea Corp.  
Sheet 9 of 9 Date: November 2, 2015

NOTE: This drawing is not an engineered drawing. All dimensions and measurements shall be field verified by contractor.

Applicant's Signature:



PRE & POST DEVELOPMENT  
DRAINAGE MAP 1" = 200'



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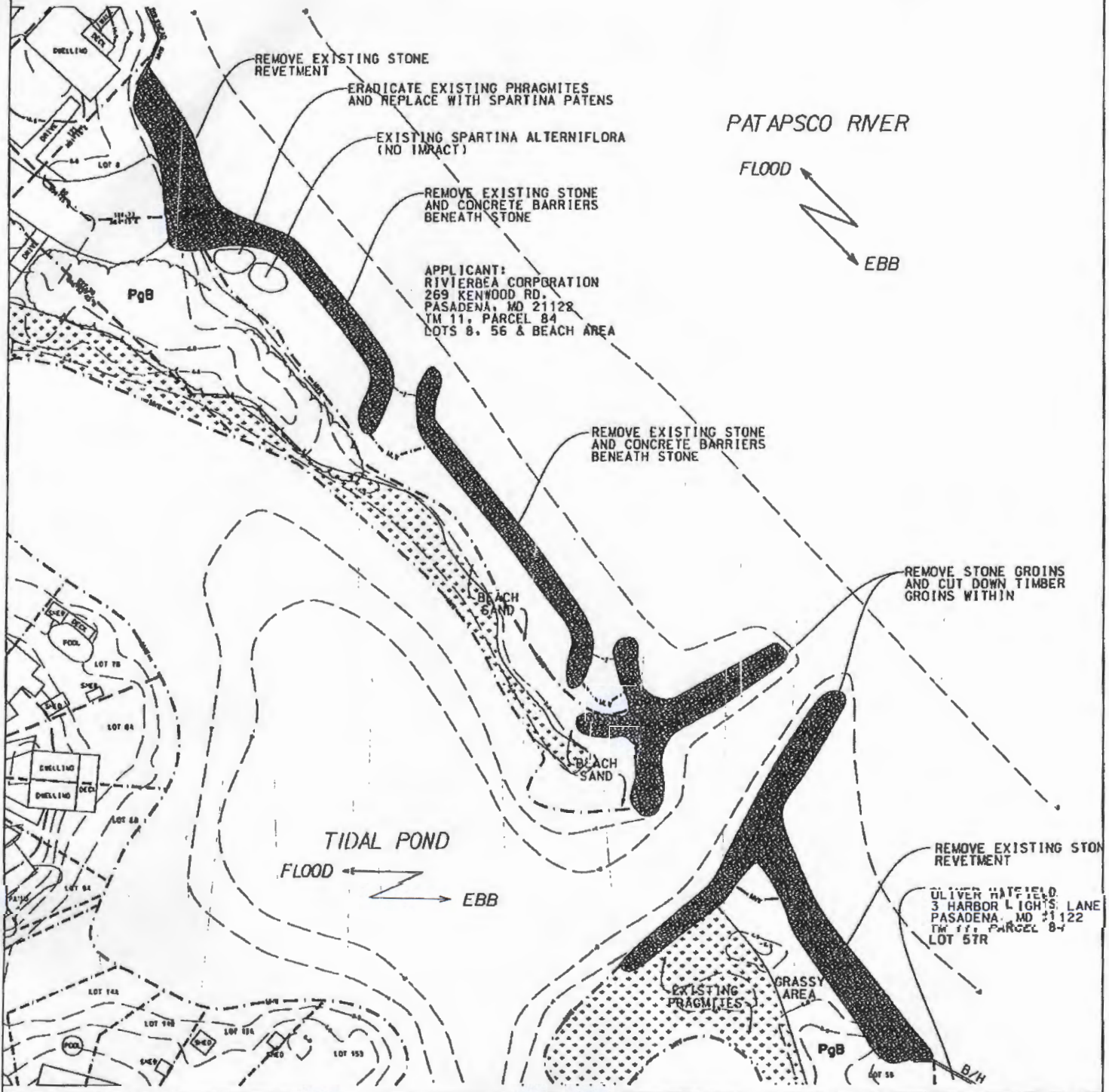
PROPOSED: REVISED 5-1-2015  
Shoreline erosion control work.

in: Patapsco River State: Maryland  
co: Anne Arundel at: Riviera Beach Lake View  
Application by: Rivierbea Corp.  
Sheet 8 of 9 Date: November 2, 2015

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*ECSI*



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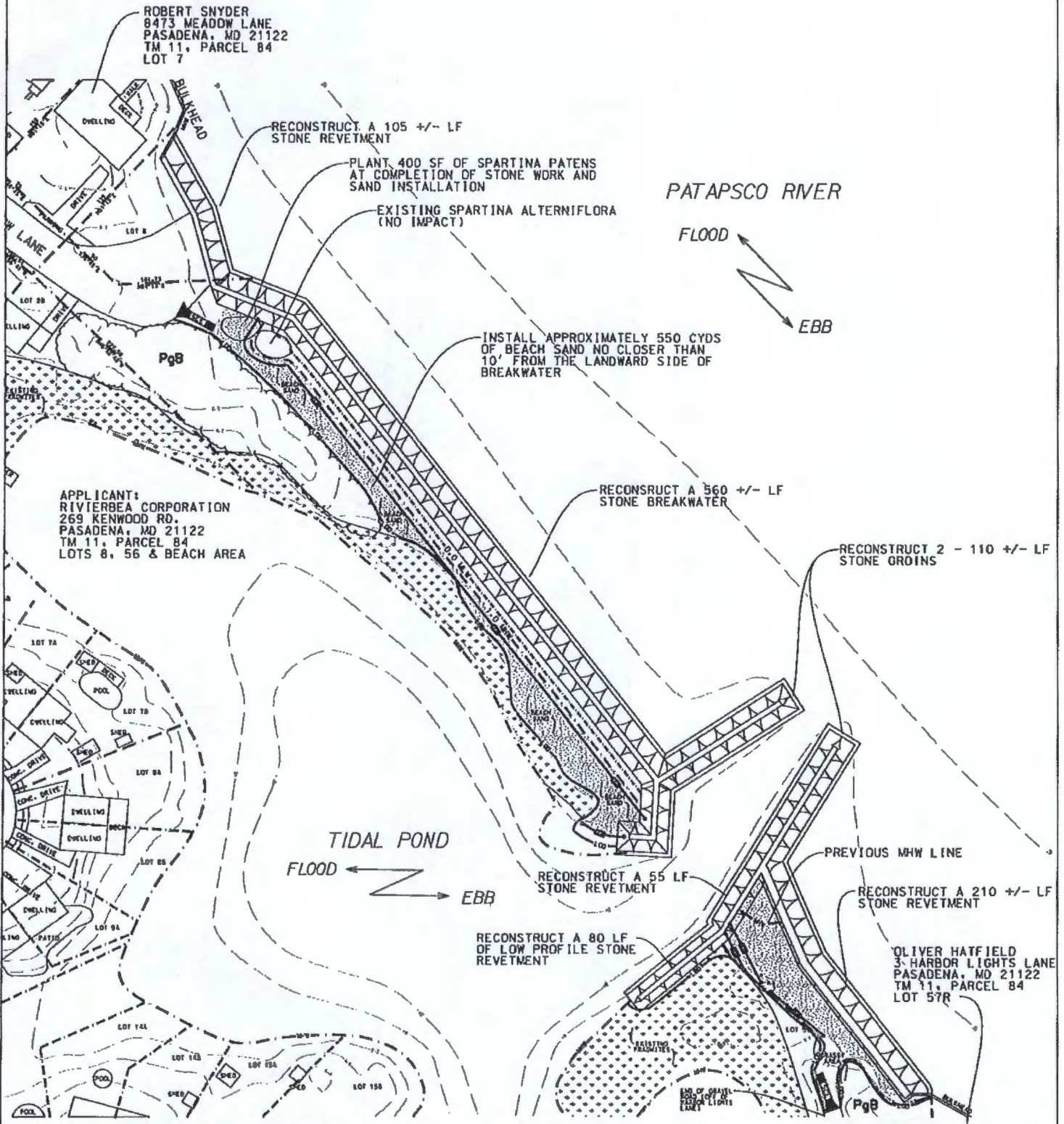
**EXISTING SITE PLAN**  
SCALE: 1" = 100'  
Waterfront Engineering,  
Design and Construction, Inc.  
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Millersville, MD 21108  
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waterfrontdesign@verizon.net

**PROPOSED:**  
Shoreline erosion control work.  
in: Patapsco River State: Maryland  
co: Anne Arundel at: Riviera Beach Lake View  
Application by: Rivierbea Corp.  
Sheet 1 of 9 Date: November 2, 2015

REVISED 5-1-2015

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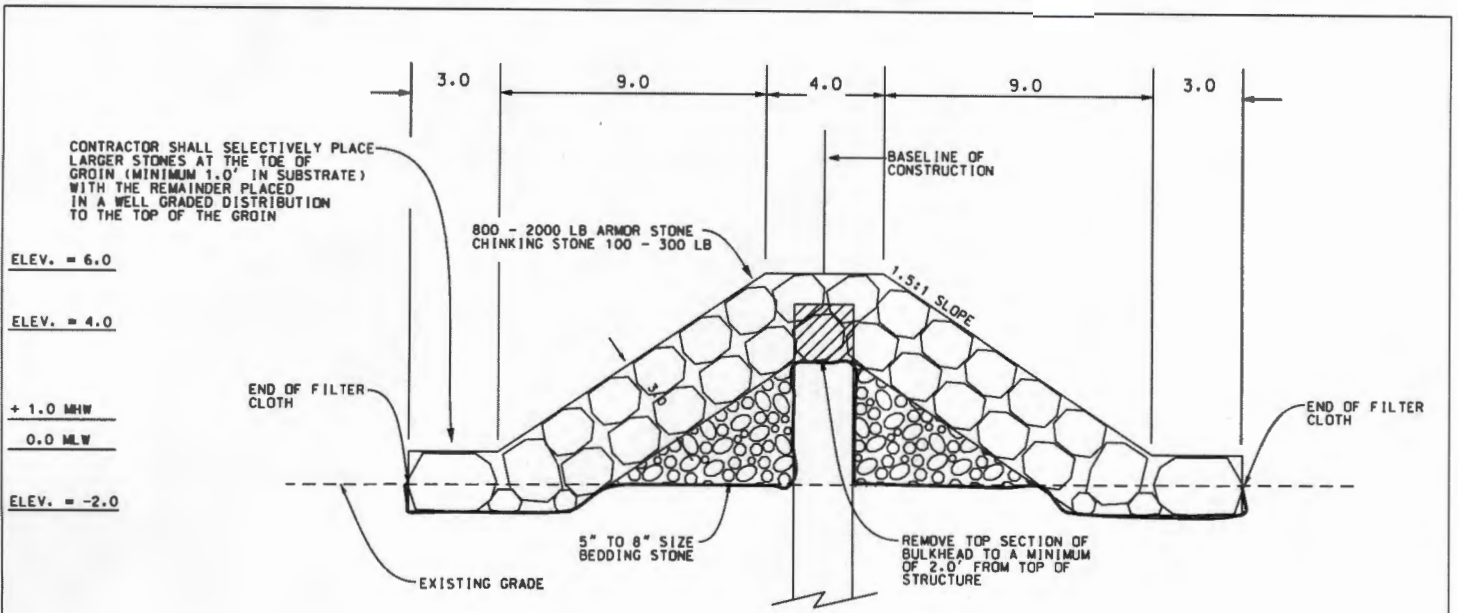


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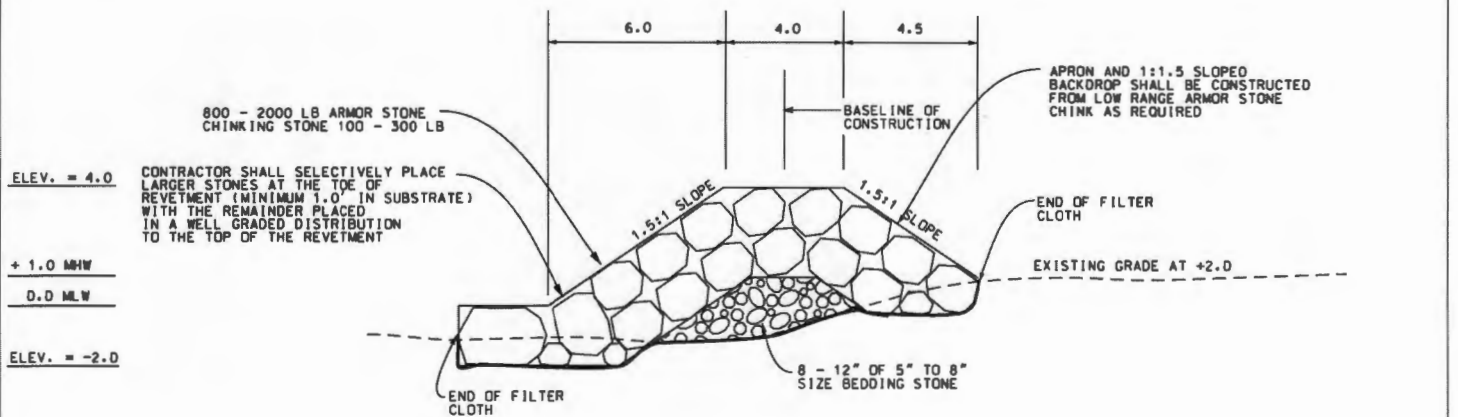
**PROPOSED:** REVISÉD 5-1-2015  
Shoreline erosion control work.  
in: Patapsco River State: Maryland  
co: Anne Arundel at: Riviera Beach Lake View  
Application by: Rivierbea Corp.  
Sheet 2 of 9 Date: November 2, 2015

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### DETAIL 3 - TYPICAL GROIN SECTION

SCALE = NTS



### DETAIL 4 - TYPICAL LOW PROFILE REVETMENT SECTION

SCALE = NTS

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Zoning: OS  
Lot Size: 3.42 Ac.

REVETMENT/GROIN  
CROSS SECTIONS

Waterfront Engineering,  
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Millersville, MD 21108  
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waterfrontdesign@verizon.net

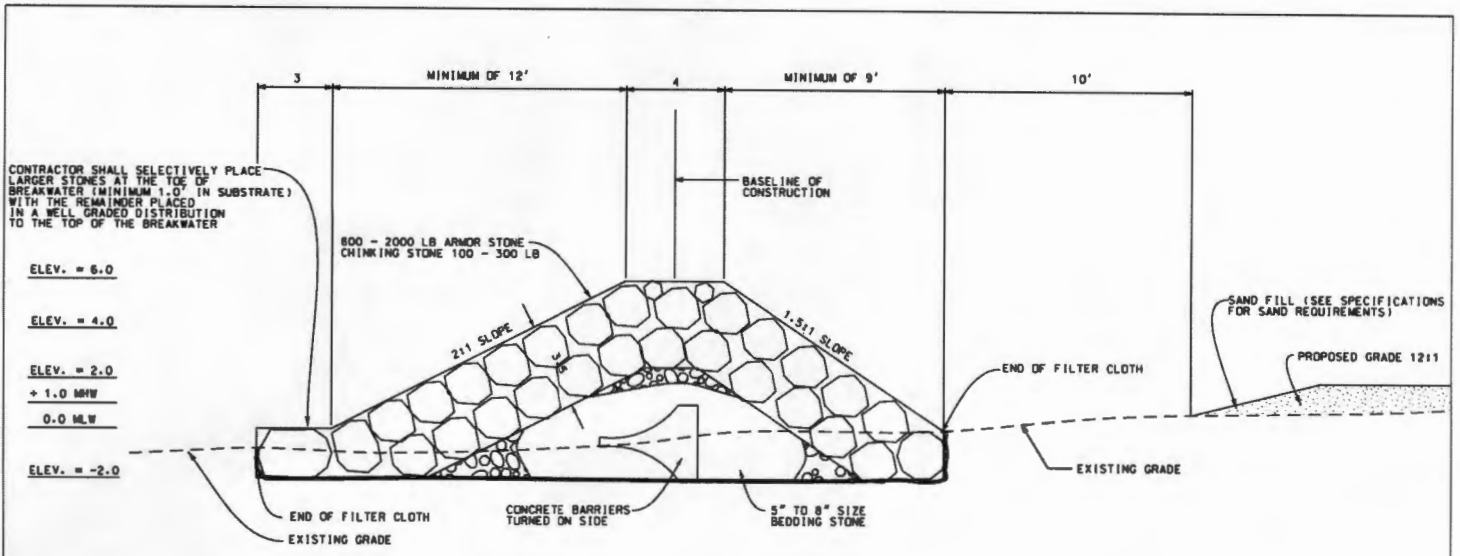
PROPOSED: REVISSED 5-1-2015  
Shoreline erosion control work.

in: Patapsco River State: Maryland  
co: Anne Arundel at: Riviera Beach Lake View  
Application by: Rivierbea Corp.  
Sheet 4 of 9 Date: November 2, 2015

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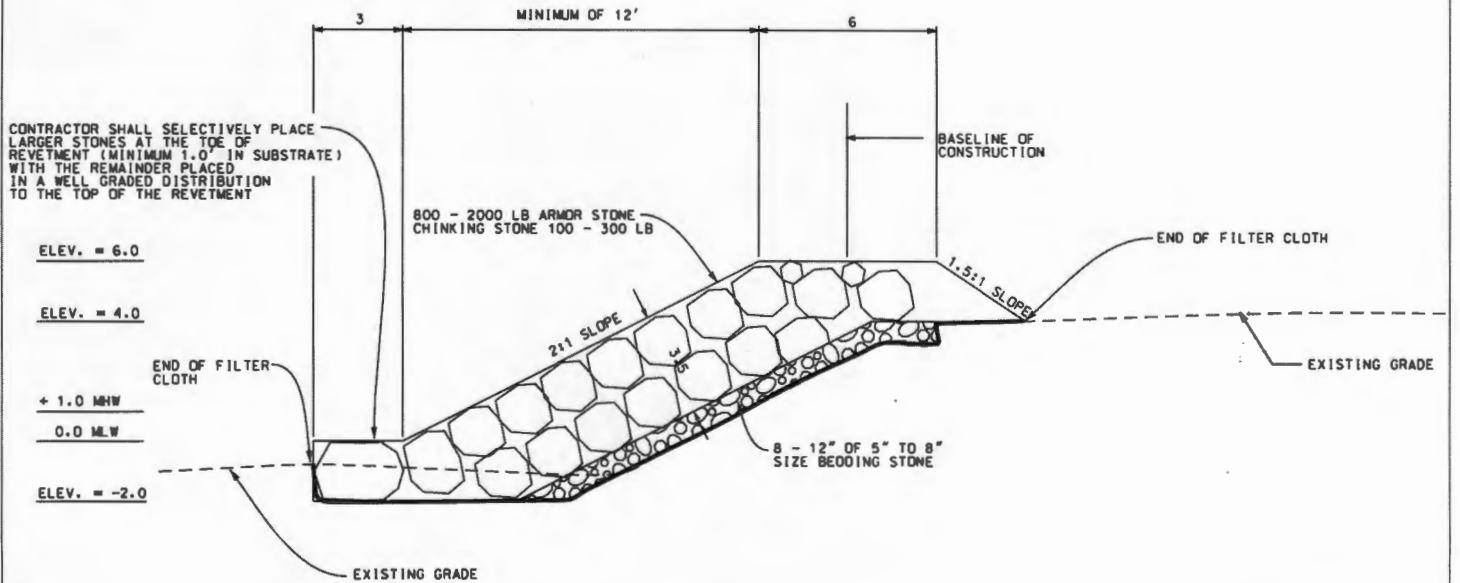
Applicant's Signature:





DETAIL 1 - TYPICAL BREAKWATER/BEACH NOURISHMENT SECTION

SCALE - NTS



DETAIL 2 - TYPICAL REVETMENT SECTION

SCALE - NTS

<p>Tax Account No.: 3693-2526-5500 Tax Map: 11 Parcel: 84 Deed Ref: 1469/532 Lot: 8, 56 &amp; Beach Zoning: OS Lot Size: 3.42 Ac.</p>	<p><b>BREAKWATER REVTMENT SECT.</b> Waterfront Engineering, Design and Construction, Inc. 303 Najoles Rd. St. 114 Millersville, MD 21108 (410) 703-8533 waterfrontdesign@verizon.net</p>	<p>PROPOSED: REVISD 5-1-2015 Shoreline erosion control work. in: Patapsco River State: Maryland co: Anne Arundel at: Riviera Beach Lake View Application by: Rivierbea Corp. Sheet 3 of 9 Date: November 2, 2015</p>
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# SEQUENCE OF CONSTRUCTION

1. OBTAIN ALL NECESSARY PERMITS. CONDUCT A PRECONSTRUCTION MEETING AT LEAST 48 HOURS PRIOR TO START. CONTACT THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) AT 410-537-3510, ANNE ARUNDEL COUNTY GRADING INSPECTOR AT 410-222-7780, AND THE RESPONSIBLE PERSONNEL. WORK MAY NOT COMMENCE UNTIL THE PERMITTEE OR THE RESPONSIBLE PERSONNEL HAVE MET ON-SITE WITH THE SEDIMENT AND EROSION CONTROL INSPECTOR TO REVIEW THE APPROVED PLANS. (1 DAY)
2. CLEAR ONLY FOR AND INSTALL TEMPORARY SEDIMENT CONTROL MEASURES INCLUDING TEMPORARY SILT FENCE, TEMPORARY CRANE MATS (IF UTILIZED) FROM END OF MEADOW LANE TO SHORELINE AREA AND TEMPORARY CONSTRUCTION ENTRANCE FOR PHASE ONE OF THE PROJECT. NOTE THAT THE MDE INSPECTOR MAY AGREE THAT THE TEMPORARY SILT FENCE CAN BE ELIMINATED IF DEEMED NOT NECESSARY. (3 DAYS)
3. CLEAR DEBRIS FROM SHORELINE AND PREPARE GROUND FOR REMOVAL AND INSTALLATION OF STONE REVETMENT. (1 DAY)
4. STARTING FROM END OF MEADOW LANE REMOVE EXISTING STONE IN SECTIONS OF 50 LF AND STOCKPILE IN AREAS ONLY WITHIN LOD. INSTALL FILTER CLOTH AND INSTALL TOE STONE. WHEN THE REVETMENT TRANSITIONS TO SILL REMOVE STONE FROM SILL AND CONCRETE BARRIERS CONTAINED WITHIN THE SILL. DIG AND INSTALL TOE STONE OVER FILTER CLOTH. REINSTALL CONCRETE BARRIERS LAYING THEM ON SIDE OVERTOP OF FILTER CLOTH. THEN INSTALL BEDDING STONE ONTO FILTER CLOTH. FINALLY INSTALL ARMOR STONE REUTILIZING ANY EXISTING STONE THAT MEETS THE SPECIFICATIONS FOR STONE SIZE. CONTINUE UNTIL THE AREA OF THE STONE GROINS. (12 WEEKS)
5. BEGIN TO DISASSEMBLE THE STONE GROINS. REMOVE THE TOP 3 FEET OF TIMBER WALL AND RECONSTRUCT THE STONE GROIN TO MEET THE SPECIFICATIONS AS SHOWN ON THE CROSS SECTION AND PLANS. (4 WEEKS)
6. INSTALL BEACH SAND AS SHOWN ON PLAN. (1 WEEK)
7. FINISH GRADING OF SAND AND FILL/DISTURBED AREAS, SEED, FERTILIZE AND MULCH AS DIRECTED PER SPECIFICATIONS. (3 DAYS)
8. REMOVE CONSTRUCTION ENTRANCE AND TEMPORARY CRANE MATS (IF UTILIZED). SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS WHERE TEMPORARY ACCESS WAS PROVIDED.
9. MOVE OPERATIONS OVER TO THE OPPOSITE SHORELINE INSTALLING A CONSTRUCTION ENTRANCE FROM THE END OF HARBOR LIGHTS LANE. INSTALL CRANE MATS FROM CONSTRUCTION ENTRANCE TO BEGINNING OF WORK AREA. (2 DAYS)
10. BEGIN TO DISASSEMBLE THE STONE GROINS. REMOVE THE TOP 3 FEET OF TIMBER WALL AND RECONSTRUCT THE STONE GROIN TO MEET THE SPECIFICATIONS AS SHOWN ON THE CROSS SECTION AND PLANS. (4 WEEKS)
11. REMOVE EXISTING STONE REVETMENT IN 50 LF SECTIONS AND RECONSTRUCT IN ACCORDANCE WITH SPECIFICATIONS. (4 WEEKS)
12. FINISH GRADING OF DISTURBED AREAS, INSTALL FILL, SEED, FERTILIZE AND MULCH AS DIRECTED PER SPECIFICATIONS. (3 DAYS)
13. REMOVE CONSTRUCTION ENTRANCE AND TEMPORARY CRANE MATS. SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS WHERE TEMPORARY ACCESS WAS PROVIDED.
14. ONCE THE SITE IS FULLY STABILIZED AND THROUGH COORDINATION AND APPROVAL OF THE MARYLAND DEPARTMENT OF THE ENVIRONMENT AND THE ANNE ARUNDEL COUNTY GRADING INSPECTOR, REMOVE FINAL SEDIMENT CONTROL MEASURES.

**NOTE:**

THE SEQUENCE OF CONSTRUCTION AS LISTED ABOVE IS FOR THE USE BY THE CONTRACTOR AS A GENERAL GUIDELINE FOR SEQUENCING THE CONSTRUCTION OF ALL PROPOSED STRUCTURES. THE CONTRACTOR MAY ADJUST THE SEQUENCE OF CONSTRUCTION, AS NEEDED, UPON THE APPROVAL OF THE OWNER, THE COUNTY INSPECTOR AND THE MARYLAND DEPARTMENT OF THE ENVIRONMENT INSPECTOR.

Tax Account No.: 3693-2526-5500 Tax Map: 11 Parcel: 84 Deed Ref: 1469/532 Lot: 8, 56 & Beach Zoning: OS Lot Size: 3.42 Ac.	<b>SEQUENCE OF CONSTRUCTION</b>  Waterfront Engineering, Design and Construction, Inc. 303 Najoles Rd. St. 114 Millersville, MD 21108 (410) 703-8533 waterfrontdesign@verizon.net	PROPOSED: <span style="float: right;">REVISED 5-1-2015</span> Shoreline erosion control work.  in: Patapsco River State: Maryland co: Anne Arundel at: Riviera Beach Lake View Application by: Rivierbea Corp. Sheet 5 of 9 Date: November 2, 2015
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Applicant's Signature:



## SITE DATA

**SITE DATA:**

TOTAL LOT SIZE = 148,895 SF  
 CRITICAL AREA DESIGNATION = IDA  
 ZONING = OS  
 DISTURBED AREA = 15,379 SF

**IMPERVIOUS DATA:**

PART OF MEADOW LANE = 470 SF  
 TOTAL EXISTING IMPERVIOUS = 470 SF  
 IMPERVIOUS CREATED = 0 SF  
 FINAL IMPERVIOUS = 470 SF OR 0%

**WOODLANDS DATA:**

EXISTING WOODLANDS = 10,095 SF  
 EXISTING PHRAGMITES = 20,499 SF  
 WOODLANDS/MARSH REMOVED = 00 SF  
 REFORESTATION REQ. BASED ON LOD = 15,379 SF  
 MITIGATION FEE = \$1.50 X 15,379 = \$23,068.50  
 INSPECTION FEE = \$23,068.50 X 0.07 = \$1,614.80  
 TOTAL FEE = \$24,683.30

## LEGEND

EXISTING CONTOUR .....	
PROPOSED CONTOUR .....	
EX. MEAN LOW WATER (MLW) .....	
EX. MEAN HIGH WATER (MHW) .....	
EXISTING MARSH GRASSES.....	
EXISTING TREE LINE .....	
PROPERTY LINE .....	
LIMIT OF DISTURBANCE .....	
REINFORCED SILT FENCE .....	
100' TIDAL BUFFER .....	
EXISTING RIP-RAP .....	
NON-TIDAL WATER LINE .....	
PROPOSED RIP-RAP .....	
STABILIZED CONSTRUCTION ENTRANCE ...	
PROPOSED SAND FILL .....	

## SITE PLAN NOTES AND DISCLAIMERS

1. PROPERTY LINES SHOWN HEREON HAVE BEEN TAKEN FROM FIELD EVIDENCE, AND/OR AVAILABLE DEEDS AND PLATS AND SHOULD NOT BE CONSTRUED TO BE REPRESENTATIVE OF THE ACCURACY OF A BOUNDARY SURVEY. THIS IS NOT A BOUNDARY SURVEY! THIS SITE PLAN WAS DEVELOPED WITHOUT THE BENEFIT OF A TITLE SEARCH AND MAY NOT REFLECT ENCUMBRANCES, DEDICATIONS, AND/OR RESTRICTIONS WHICH MAY EXIST AND COULD POTENTIALLY BE REVEALED THROUGH A THOROUGH TITLE EXAMINATION.
2. ALL WORK WILL BE CONDUCTED FROM THE END OF MEADOW LAND ALONG THE EXISTING SHORELINE IN THE LOD AND FROM THE END OF BEACH COURT TO THE SHORELINE AS SHOWN AND WILL BE CONFINED TO THE SUBJECT PROPERTY.
3. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ANY PROPOSED STRUCTURES IN RELATION WITH THE PROPERTY CORNERS. NEIGHBORING STRUCTURES SHOWN ON THIS DRAWING AS APPROXIMATE IN LOCATION AND SHOULD NOT BE USED TO LOCATE NEW STRUCTURES. A SURVEY IS REQUIRED TO LOCATE AND NEW OR REPLACEMENT STRUCTURES. THIS SURVEY MUST BE PERFORMED BY A STATE OF MARYLAND LICENSED SURVEYOR.
4. THIS SITE PLAN HAS BEEN PREPARED TO REQUEST A BUILDING AND GRADING PERMIT TO REPAIR AN EXISTING SHORE EROSION CONTROL PROJECT. ANY CHANGE TO THESE PLANS WILL REQUIRE A SEPARATE PERMIT FROM ANNE ARUNDEL CO., AND IF WORK IN THE WATER OR SHORELINE THE MARYLAND DEPARTMENT OF THE ENVIRONMENT AND THE CORPS OF ENGINEERS. THIS WILL REQUIRE MORE DETAILS AND INFORMATION AND THIS DRAWING SHALL NOT BE UTILIZED FOR SUCH LICENSES OR PERMITS.
5. CONTACT MS. UTILITY AT LEAST 5 DAYS PRIOR TO START OF ANY ON LAND OR IN WATER WORK. ALL UTILITIES MUST BE LOCATED PRIOR TO ANY CONSTRUCTION. THIS PLAN SHALL NOT BE UTILIZED FOR LOCATING ANY UTILITIES EITHER ABOVE OR BELOW GROUND.
6. TOPOGRAPHY WAS OBTAINED FROM THE ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS GIS TOPOGRAPHY. VERTICAL DATUM IS 0.0 FEET IS EQUAL TO MEAN LOW WATER.
7. WATER DEPTHS WERE OBTAINED FROM FIELD MEASUREMENTS AND HAVE A DATUM OF 0.0' OR MEAN LOW WATER.
8. THE CONTRACTOR MUST FIELD VERIFY ALL QUANTITIES AND MEASUREMENTS TO THERE SATISFACTION. THESE PLANS ARE FOR PERMIT PURPOSES ONLY AND SHALL NOT BE UTILIZED FOR CONSTRUCTION PURPOSES OTHER THAN GENERAL LOCATION OF STRUCTURES.

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**DATA SHEET**

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