



U.S. Army Corps  
of Engineers  
Baltimore District

# Public Notice

In Reply to Application Number  
CENAB-OP-RMN (Ray Steinmetz/Revetment  
Pier, Pilings & Boatlifts) 2014-60275-M36

PN 14-38

Comment Period: July 11, 2014 to August 11, 2014

---

**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 Section 404 of the Clean Water Act (33 U.S.C. 1344) as described below:

**APPLICANT:** Mr. Ray Steinmetz  
2009 Homewood Road  
Annapolis, Maryland 21409

**WATERWAY AND LOCATION:** within tidal waters of the U.S., in the Severn River, at 2009 Homewood Road, in Annapolis, Anne Arundel County, Maryland

**WORK:** To construct an approximately 145 linear foot rock revetment to protect an eroding shoreline. The revetment will be connected to a recently permitted revetment to the east. The revetment will have an average width of 18-feet, but extend a maximum of 35-feet channelward of the approximate mean high water shoreline, due to placement of fill behind the structure, required to connect the proposed revetment to existing shoreline protection structures to the east and west. Permanent impacts due to fill and rock will total approximately 3,920 square feet below the approximate mean high water shoreline. Also proposed is the construction of a 6-foot by 290-foot fixed pier, with an 8.7-foot by 23-foot platform, a 3-foot by 21.3-foot finger pier, 10 mooring pilings, and 3 boatlifts. The pier will extend a maximum of 290 linear feet channelward from the approximate mean high water shoreline. All work will be conducted from a barge.

All work is to be completed in accordance with the enclosed plans. If you have any questions concerning this matter, please contact Mr. John Policarpo at (410) 962-4522 or at [john.n.policarpo@usace.army.mil](mailto:john.n.policarpo@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 impact of the work described above on the public interest will include application of the Clean Water Act Section 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. John Policarpo, CENAB-OP-RMN, P.O. Box 1715, Baltimore, Maryland 21203-1715, 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 the MSFCMA for juvenile and adult *Scophthalmus aquosus* (windowpane flounder); larvae, juvenile, and adult *Paralichthys dentatus* (summer flounder); adult and juvenile *Centropristus striata* (black sea bass); juvenile and adult *Pomatomus saltatrix* (blue fish); and the eggs, larvae, juveniles, and adults of *Peprilus triacanthos* (Atlantic butterfly), *Sciaenops ocellatus* (red drum), *Rachycentron canadum* (cobia), *Scomberomorus maculatus* (Spanish mackerel), and *Scomberomorus cavalla* (king mackerel), managed species under the MSFCMA.

A preliminary assessment indicates that the proposed work would not have a substantial adverse effect on either managed species or prey species. Therefore, no EFH conservation measures have been developed. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

**SECTION 401 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. The Section 401 certifying agency has a statutory limit of one year from the date of this public notice to make its decision.

**COASTAL ZONE MANAGEMENT PROGRAMS:** Where applicable, the applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the approved 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, Wetlands and Waterways Program, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period specified above to receive consideration. It should be noted that the CZM Program has a statutory limit of 6 months to make its 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 Federally 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.

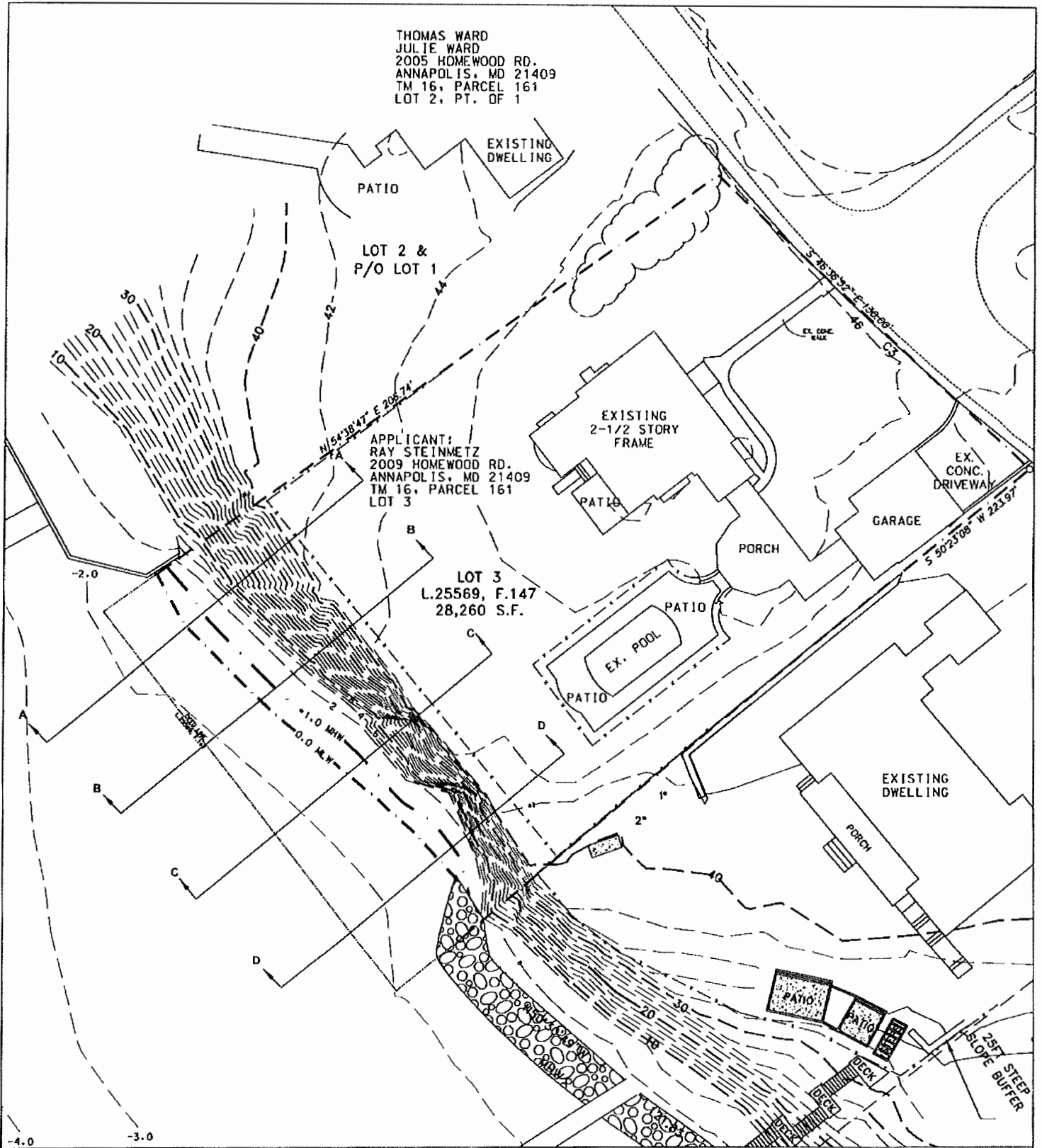
Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, ATTN: Mr. John Policarpo CENAB-OP-RMN, P.O. Box 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

THOMAS WARD  
 JULIE WARD  
 2005 HOMEWOOD RD.  
 ANNAPOLIS, MD 21409  
 TM 16, PARCEL 161  
 LOT 2, PT. OF 1



APPLICANT:  
 RAY STEINMETZ  
 2009 HOMEWOOD RD.  
 ANNAPOLIS, MD 21409  
 TM 16, PARCEL 161  
 LOT 3

LOT 3  
 L.25569, F.147  
 28,260 S.F.

Tax Account No.:  
 3275-0458-3600  
 Tax Map: 46  
 Parcel: 161  
 Deed Ref: 25569/147  
 Lot: 3  
 Zoning: R2  
 Lot Size: 28,260 SF

**EXISTING SITE PLAN**  
 SCALE: 1" = 40'  
 The Permit Coordinators, Inc.  
 303 Najoles Rd. St. 114  
 Millersville, MD 21108  
 (410) 703-8533  
 waterfrontdesign@verizon.net

**PROPOSED:**  
 Shoreline work.  
 REVISED 6/1/2014  
 in: Severn River State: Maryland  
 co: Anne Arundel at: Ferry Farms  
 Application by: Ray Steinmetz  
 Sheet 1 of 9 Date: January 30, 2014

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

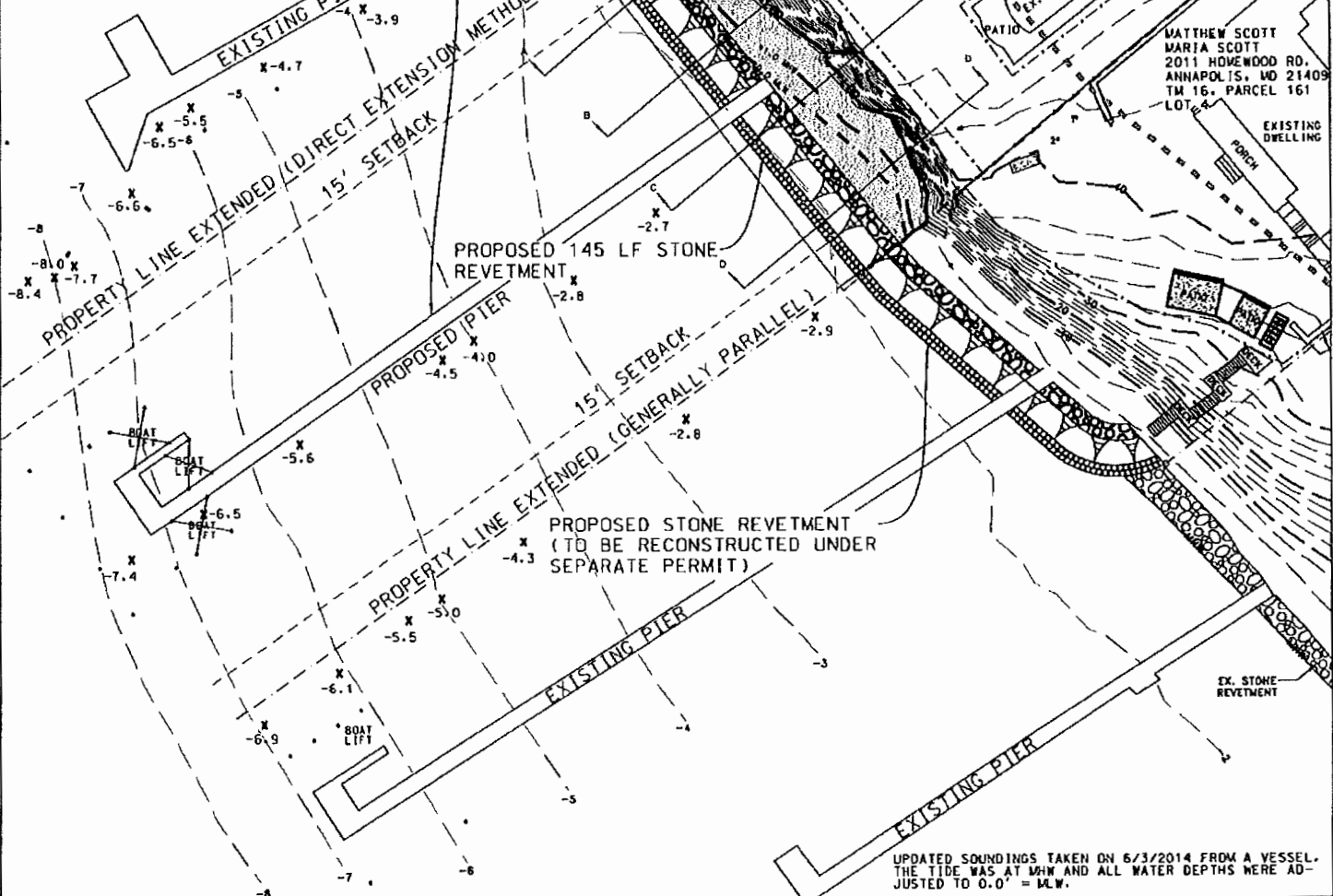
Applicant's Signature:

ENC 1 (1)

**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 CONSIDERED TO BE REPRESENTATIVE OF THE ACCURACY OF 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 SHORELINE WORK WILL BE CONDUCTED FROM A BARGE WHICH IS TO BE LOADED FROM AN AUTHORIZED OFF-SITE LOCATION. THE LOG AS SHOWN 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 PERMIT TO CONSTRUCT SHORE EROSION CONTROL REVETMENT, A NEW PIER AND ACCESS FROM THE TOP OF THE BANK TO THE SHORELINE BELOW. 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 M.S. UTILITY AT LEAST 48 HOURS 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 FIELD SURVEY CONDUCTED ON 12/15/13 BY DRUM, LOYKA & ASSOCIATES, LLC. VERTICAL DATUM IS 0.0 FEET IS EQUAL TO MEAN LOW WATER.
7. THE CONTRACTOR MUST FIELD VERIFY ALL QUANTITIES AND MEASUREMENTS TO THESE SATISFACTION. THESE PLANS ARE FOR PERMIT PURPOSES ONLY AND SHALL NOT BE UTILIZED FOR CONSTRUCTION PURPOSES OTHER THAN GENERAL LOCATION OF STRUCTURES.

**PROPOSED 6' X 290' PIER WHICH INCLUDES AN 8.7' X 23' PLATFORM, A 3' X 21.3' FINGER PIER, 6 MOORING PILES, 4 BOAT LIFT PILES WITH 3 BOAT LIFTS (MAXIMUM 300' CHANNELWARD OF MHW)**



**CONSTRUCT A 4' X 108' SET OF ACCESS STEPS WHICH INCLUDES 11 - 4' X 4' AND 1 - 4' X 6' LANDINGS. ALSO CONSTRUCT A 4' X 36' TRAM WITH A 4' X 4' LANDING.**

UPDATED SOUNDINGS TAKEN ON 6/3/2014 FROM A VESSEL. THE TIDE WAS AT MHW AND ALL WATER DEPTHS WERE ADJUSTED TO 0.0' = MLW.

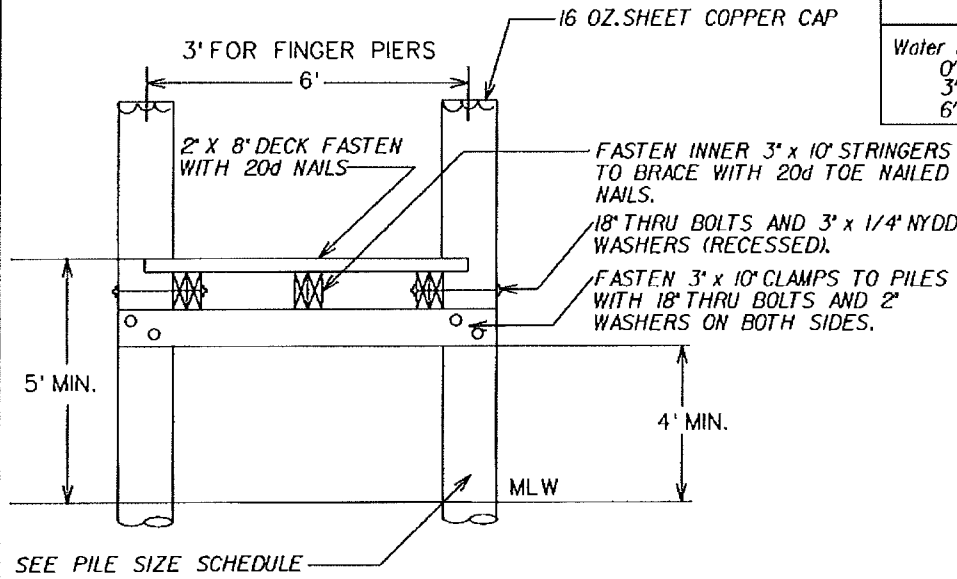
<p>Tax Account No.: 3275-0458-3600                  Tax Map: 46                  Parcel: 161                  Deed Ref: 25569/147                  Lot: 3                  Zoning: R2                  Lot Size: 28,260 SF</p>	<p><b>PROPOSED SITE PLAN</b>                  SCALE: 1" = 60'                  The Permit Coordinators, Inc.                  303 Najoles Rd. St. 114                  Millersville, MD 21108                  (410) 703-8533                  waterfrontdesign@verizon.net</p>	<p><b>PROPOSED:</b>                  Shoreline work.                  in: Severn River State: Maryland                  co: Anne Arundel at: Ferry Farms                  Application by: Ray Steinmetz                  Sheet 2 of 9 Date: January 30, 2014</p>
--	---	--

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

NOTE: ALL PILES MUST BE DRIVEN WHERE POSSIBLE.

PILE SIZE SCHEDULE

Water Depth (MLW)	Pile Diameter	Pile Length
0' - 3'	10"	30'
3' - 6'	12"	40'
6' - 9'	14"	50'

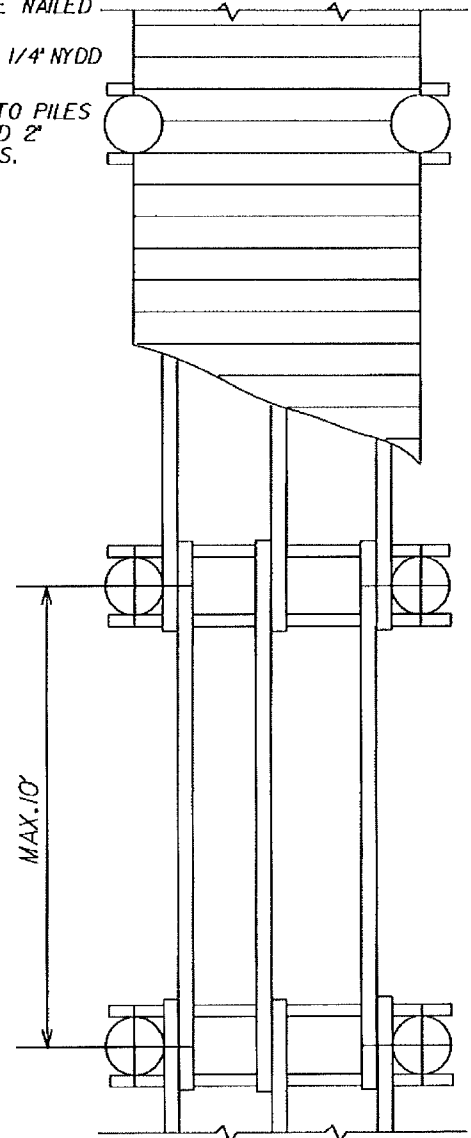


TYPICAL PIER CROSS SECTION  
NOT TO SCALE

COPYRIGHT 2012

NOTES:

1. Wood shall be grade #2 or better per S.P.I.R. Standards. Treatment shall be per AWP Standards; (1) Piles - 2.5 lb/cu. ft. CCA Type C. For areas of severe marine infestation 2.5 lb/cu. ft. CCA is recommended; (2) Decking and stringers - 1.5 lb/cu. ft. Pento or 0.4 lb/cu. ft. CCA Type C.
2. All steel hardware shall be hot dip galvanized after fabrication.
3. For pier widths of 4' or less a center stringer is not required unless composite decking is applied.
4. For piles extending more than 5 ft. above mean low water, the pile length must be increased accordingly.
5. All steel hardware shall be a minimum of 1" with 3" x 1/4" NYDD washers.
6. This standard is for typical river conditions with firm granular soil. It does not take into account excessive water depth, poor soil conditions, scouring due to currents or waves, or heavy loads. Where site conditions differ the structure shall be designed and sealed by a Professional Engineer registered to practice in the State of Maryland.
7. The details on this drawing are to be considered as minimum standards for specific conditions. It shall be the responsibility of the applicant to determine if conditions require design modifications. The Permit Coordinators and the Engineer assume no responsibility or liability for performance of the structure on this drawing.
8. All bolts to be thru bolted and recessed on outboard side.
9. TPC, Inc. reserves the right to prosecute violators of federal copyright laws.



TYPICAL PIER PLAN  
SCALE: NONE

Tax Account No.:  
3275-0458-3600  
Tax Map: 46  
Parcel: 161  
Deed Ref: 25569/147  
Lot: 3  
Zoning: R2  
Lot Size: 28,260 SF

PIER SPECIFICATIONS

The Permit Coordinators, Inc.  
303 Najoles Rd. St. 114  
Millersville, MD 21108  
Voice (410) 703-8533  
waterfrontdesign@verizon.net

PROPOSED:  
Shoreline work.

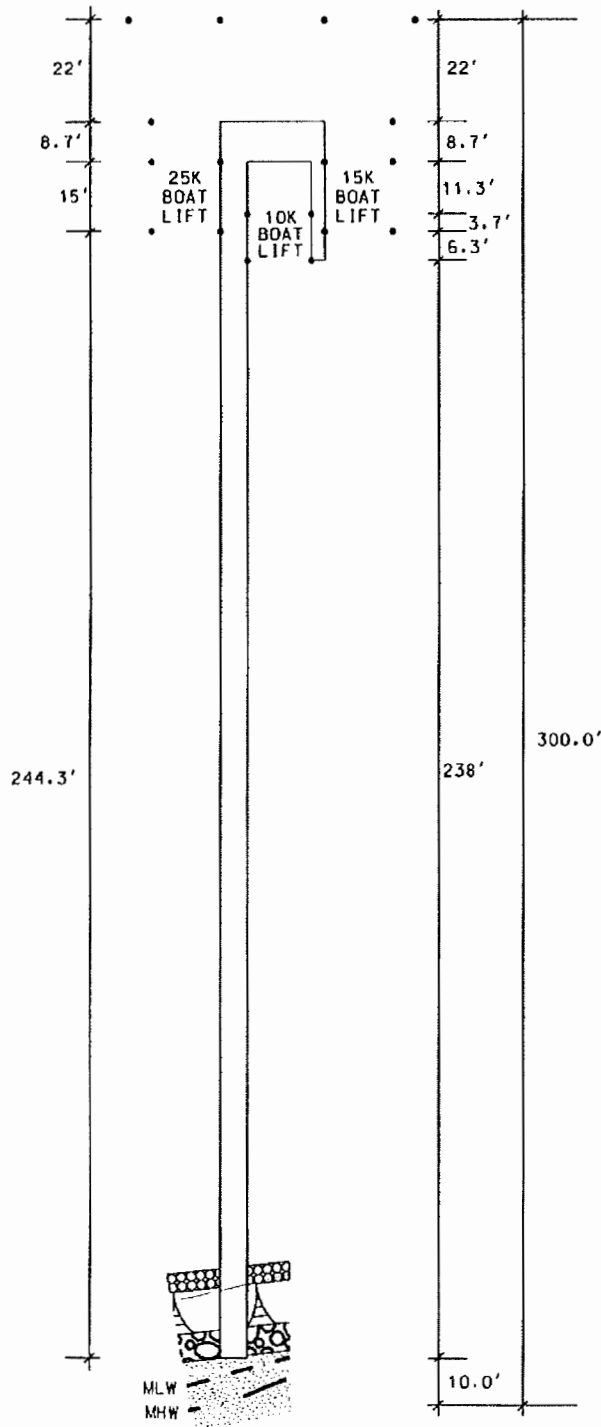
REVISED 6/1/2014

in: Severn River State: Maryland  
co: Anne Arundel at: Ferry Farms  
Application by: Ray Steinmetz  
Sheet 3 of 9 Date: January 30, 2014

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

Applicant's Signature:

5' 15' 6' 14' 3' 15' 5'



Tax Account No.:  
3275-0458-3600  
Tax Map: 46  
Parcel: 161  
Deed Ref: 25569/147  
Lot: 3  
Zoning: R2  
Lot Size: 28,260 SF

**PIER LAYOUT**  
SCALE: 1" = 40'

The Permit Coordinators, Inc.  
303 Najoles Rd. St. 114  
Millersville, MD 21108  
Voice (410) 703-8533  
waterfrontdesign@verizon.net

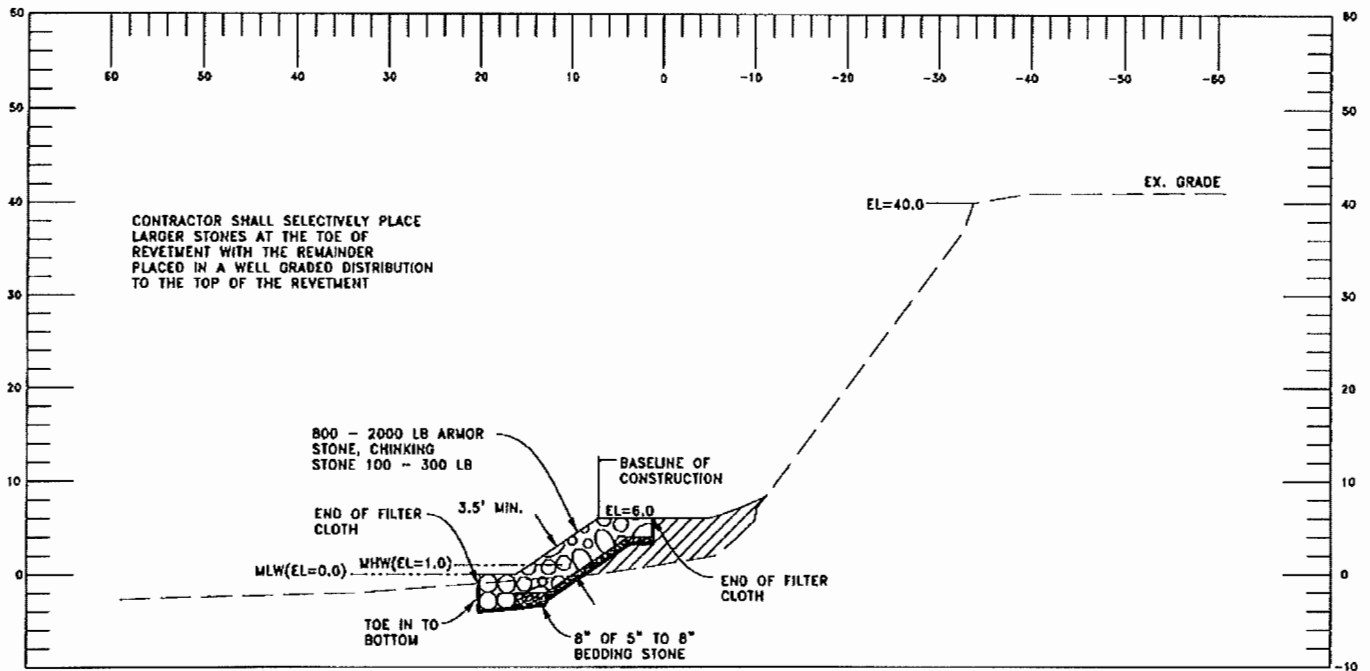
PROPOSED:  
Shoreline work.

REVISED 6/1/2014

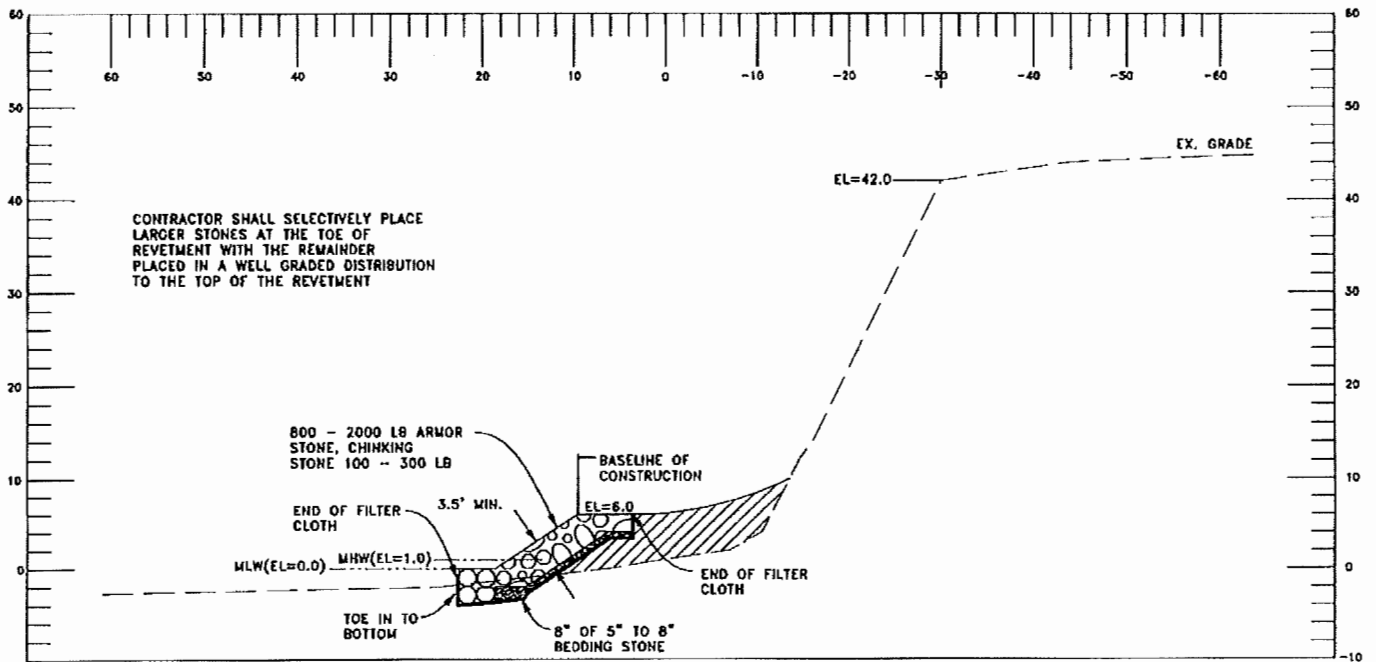
in: Severn River      State: Maryland  
co: Anne Arundel      at: Ferry Farms  
Application by: Ray Steinmetz  
Sheet 4 of 9 Date: January 30, 2014

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

Applicant's Signature:



**SECTION A-A**  
SCALE: 1" = 20'



**SECTION B-B**  
SCALE: 1" = 20'

Tax Account No.:  
3275-0458-3600  
Tax Map: 46  
Parcel: 161  
Deed Ref: 25569/147  
Lot: 3  
Zoning: R2  
Lot Size: 28,260 SF

**EXISTING  
CROSS SECTIONS**

The Permit Coordinators, Inc.  
303 Najoles Rd. St. 114  
Millersville, MD 21108  
Voice (410) 703-8533  
waterfrontdesign@verizon.net

PROPOSED:  
Shoreline work.

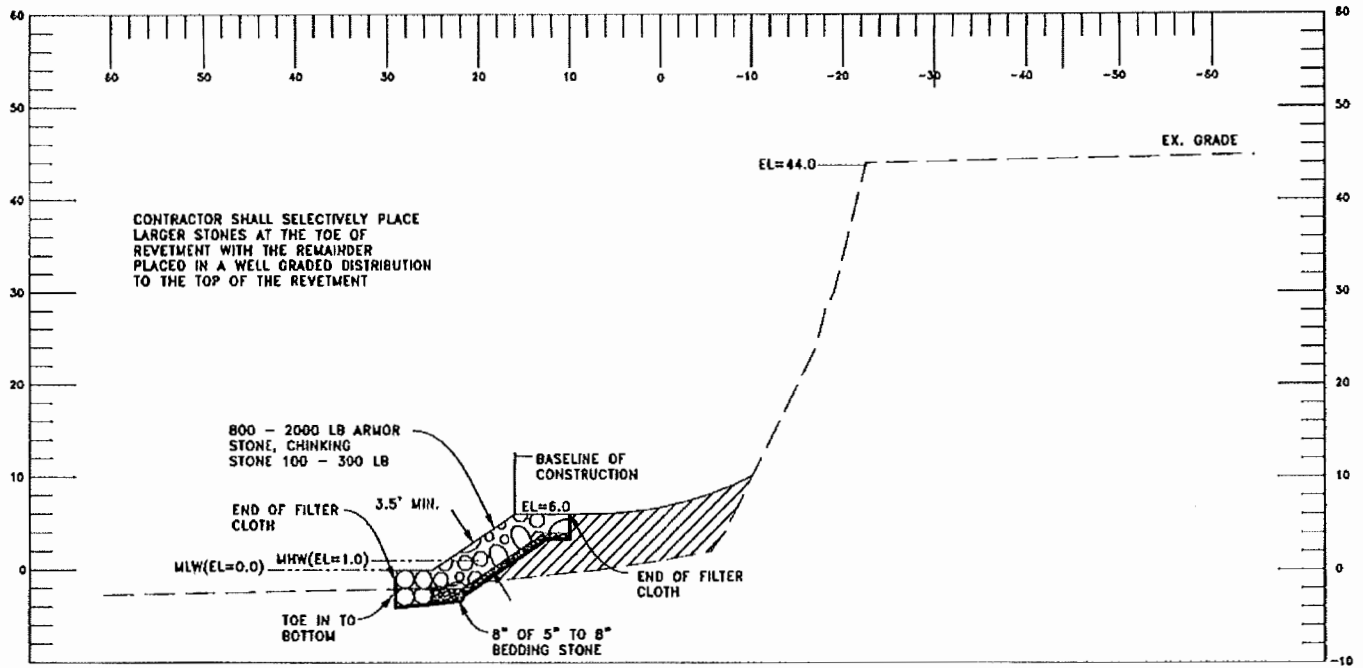
REVISED 6/1/2014

in: Severn River State: Maryland  
co: Anne Arundel at: Ferry Farms  
Application by: Ray Steinmetz  
Sheet 5 of 9 Date: January 30, 2014

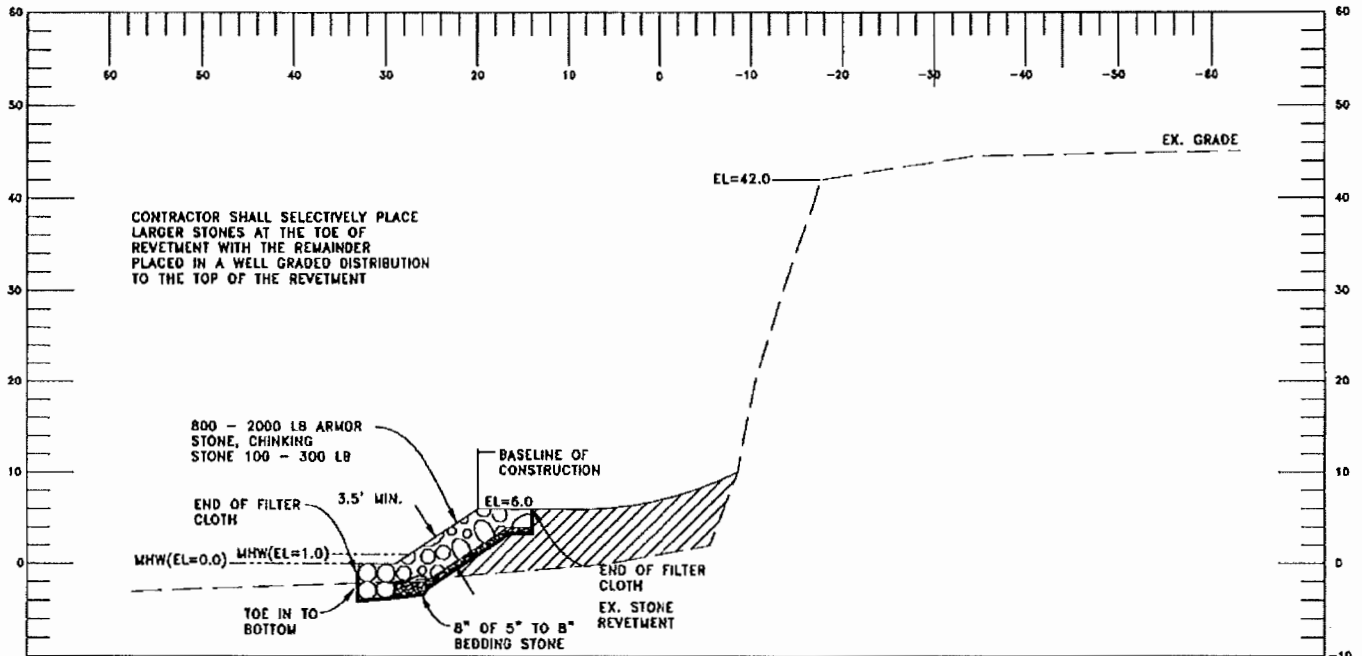
NOTE: This drawing is not an engineered drawing. All dimensions and measurements shall be field verified by contractor.

Applicant's Signature:





**SECTION C-C**  
SCALE: 1" = 20'



**SECTION D-D**  
SCALE: 1" = 20'

Tax Account No.:  
3275-0458-3600  
Tax Map: 46  
Parcel: 161  
Deed Ref: 25569/147  
Lot: 3  
Zoning: R2  
Lot Size: 28,260 SF

**EXISTING  
CROSS SECTIONS**

The Permit Coordinators, Inc.  
303 Najoles Rd. St. 114  
Millersville, MD 21108  
Voice (410) 703-8533  
waterfrontdesign@verizon.net

PROPOSED:  
Shoreline work.

REVISED 6/1/2014

in: Severn River      State: Maryland  
co: Anne Arundel      at: Ferry Farms  
Application by: Ray Steinmetz  
Sheet 6 of 9 Date: January 30, 2014

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

Applicant's Signature:

## SITE DATA

**SITE DATA:**

TOTAL LOT SIZE = 28,260 SF  
 CRITICAL AREA DESIGNATION = LDA  
 ZONING = R1  
 DISTURBED AREA = 2062 SF



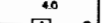
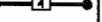







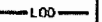
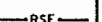
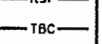

**IMPERVIOUS DATA:**

EXISTING DWELLING = 3608 SF  
 DRIVES, WALKS, PATIOS, POOL = 2418 SF  
 TOTAL EXISTING IMPERVIOUS = 6026 SF  
 IMPERVIOUS CREATED = 0 SF  
 FINAL IMPERVIOUS = 6026 SF OR 21.3%

**WOODLANDS DATA:**

EXISTING WOODLANDS = 1000 SF  
 EXISTING MARSH = APPROXIMATELY 00 SF  
 WOODLANDS/MARSH REMOVED = 00 SF  
 REFORESTATION REQ. FOR SHORE EROSION CONTROL (1:1) = 1600 SF  
 REFORESTATION REQ. FOR ACCESS TO SHORELINE (2:1) = 924 SF  
 SECURITY AMOUNT = \$1.50 X 2524 = \$3786.00  
 INSPECTION FEE = \$3786.00 X 0.07 = \$265.02  
 TOTAL FEE = \$4051.02

## LEGEND

EXISTING CONTOUR	
SPOT ELEVATION	
PROPOSED CONTOUR	
EX. MEAN LOW WATER (MLW)	
EX. MEAN HIGH WATER (MHW)	
PROPOSED FILL	
EXISTING TREE LINE	
PROPERTY LINE	
LMAT OF DISTURBANCE	
REINFORCED SILT FENCE	
TURBIDITY CURTAIN	
100' TIDAL BUFFER	
FEWA FLOOD PLAN	
EXISTING RP-RAP	
PROPOSED RP-RAP	

## 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 ANY TEMPORARY SILT FENCE AND TURBIDITY CURTAIN 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. ACCESS TO SHORELINE BY WATER. ACCESS TO CONSTRUCT STAIRS BY LAND WITH MATERIALS BEING HAND CARRIED TO WORK AREA ACROSS GRASSY YARD FROM HOMEWOOD ROAD. (3 DAYS)
3. CLEAR DEBRIS FROM SHORELINE AND PREPARE GROUND FOR INSTALLATION OF STONE REVETMENT. (1 DAY)
4. INSTALL FILTER CLOTH AND INSTALL TOE STONE. INSTALL BEDDING STONE ONTO FILTER CLOTH. INSTALL ARMOR STONE THAT MEETS THE SPECIFICATIONS FOR STONE SIZE. PROCEED WITH FULL CONSTRUCTION OF THE STONE REVETMENT AS SHOWN. (6 WEEKS)
5. INSTALL PIER AND PILINGS AS SHOWN ON PLAN. (3 WEEKS)
6. CONSTRUCT STEPS AND TRAM TO SHORELINE AS SHOWN ON PLAN. (3 WEEKS)
7. FINISH GRADING OF FILL/DISTURBED AREAS, SEED, FERTILIZE AND MULCH AS DIRECTED PER SPECIFICATIONS. (3 DAYS)
8. INSTALL ALL PLANTINGS AS REQUIRED BY BUFFER MANAGEMENT PLAN DETAILS.
9. ONCE THE SITE IS FULLY STABILIZED AND PLANTED, APPROVALS NEED TO BE RECEIVED FROM A REPRESENTATIVE OF THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, THE ANNE ARUNDEL COUNTY GRADING INSPECTOR AND FORESTOR, 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.:  
 3275-0458-3600  
 Tax Map: 46  
 Parcel: 161  
 Deed Ref: 25569/147  
 Lot: 3  
 Zoning: R2  
 Lot Size: 28,260 SF

### DATA SHEET

The Permit Coordinators, Inc.  
 303 Najoles Rd. St. 114  
 Millersville, MD 21108  
 Voice (410) 703-8533  
 waterfrontdesign@verizon.net

PROPOSED:  
 Shoreline work.

REVISED 6/1/2014

in: Severn River      State: Maryland  
 co: Anne Arundel    at: Ferry Farms  
 Application by: Ray Steinmetz  
 Sheet 7 of 9 Date: January 30, 2014

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

Applicant's Signature:



AREA DRAINAGE MAP SCALE: 1" = 100'

Tax Account No.:  
3275-0458-3600  
Tax Map: 46  
Parcel: 161  
Deed Ref: 25569/147  
Lot: 3  
Zoning: R2  
Lot Size: 28,260 SF

MAPS SHEET  
SCALE: AS NOTED

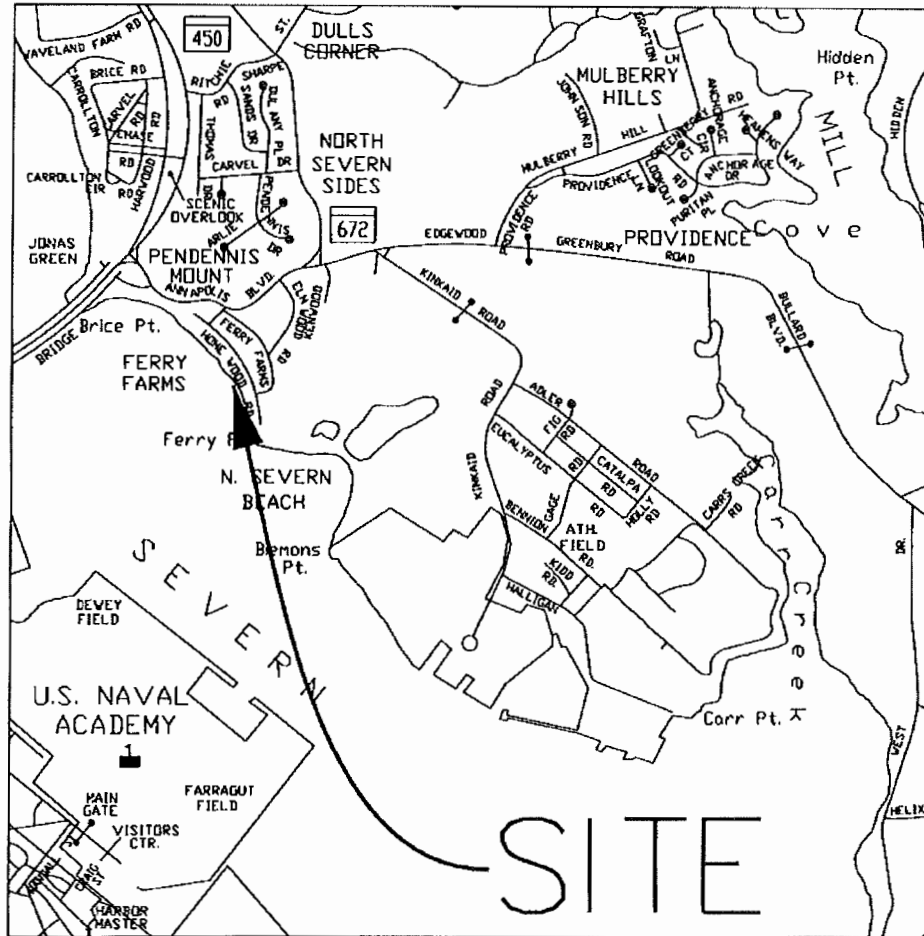
The Permit Coordinators, Inc.  
303 Najoles Rd. St. 114  
Millersville, MD 21108  
(410) 703-8533  
waterfrontdesign@verizon.net

PROPOSED: REVISED 6/1/2014  
Shoreline work.

in: Severn River      State: Maryland  
co: Anne Arundel      at: Ferry Farms  
Application by: Ray Steinmetz  
Sheet 8 of 9 Date: January 30, 2014

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

Applicant's Signature:



VICINITY MAP SCALE: 1" = 2000'

<p>Tax Account No.: 3275-0458-3600 Tax Map: 46 Parcel: 161 Deed Ref: 25569/147 Lot: 3 Zoning: R2 Lot Size: 28,260 SF</p>	<p>MAPS SHEET SCALE: AS NOTED</p> <p>The Permit Coordinators, Inc. 303 Najoles Rd. St. 114 Millersville, MD 21108 (410) 703-8533 waterfrontdesign@verizon.net</p>	<p>PROPOSED: <span style="float: right;">REVISED 6/1/2014</span> Shoreline work.</p> <p>in: Severn River      State: Maryland co: Anne Arundel      at: Ferry Farms Application by: Ray Steinmetz Sheet 9 of 9 Date: January 30, 2014</p>
--	---	---

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

Applicant's Signature:

LANDSCAPE SCHEDULE: SPECIES, STOCK, SIZE, AND QUANTITY

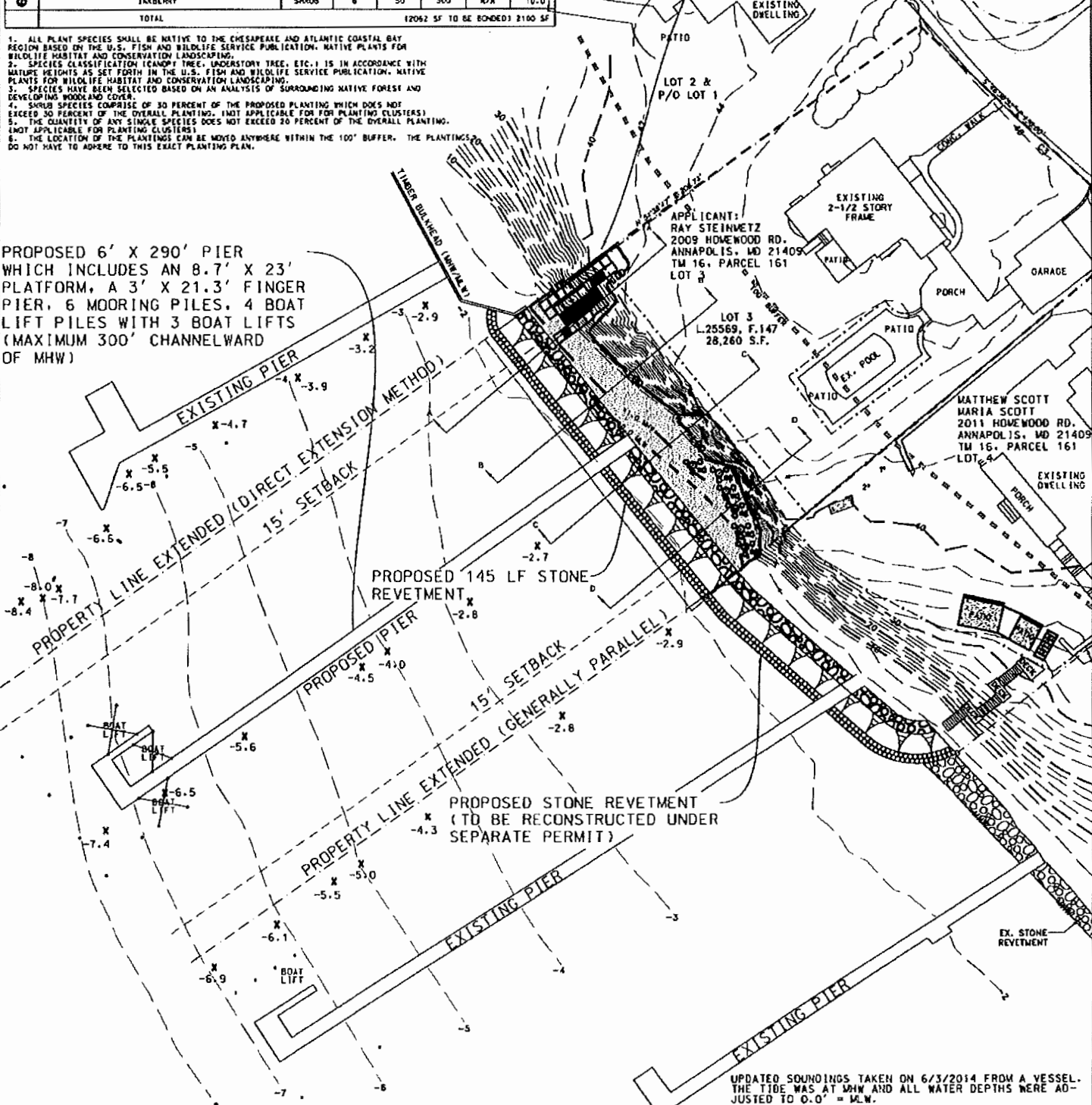
SYMBOL	SPECIES	LANDSCAPE TYPE	QUANTITY	CREDIT EACH	CREDIT TOTAL	MAX. % ALLOWED	% USED
⊙	1 CANOPY RIVER BIRCH AND 3 LARGE WINTER BERRY	CLUSTER TYPE 1	3	300	900	N/A	45.0
⊙	1 CANOPY BILLOW OAK AND 3 LARGE PINK AZALEAS	CLUSTER TYPE 1	3	300	900	N/A	45.0
⊙	INKBERRY	SHRUB	6	50	300	N/A	10.0
TOTAL					12062 SF TO BE BONDED	2100 SF	

- ALL PLANT SPECIES SHALL BE NATIVE TO THE CHESAPEAKE AND ATLANTIC COASTAL BAY REGION BASED ON THE U.S. FISH AND WILDLIFE SERVICE PUBLICATION, NATIVE PLANTS FOR WILDLIFE HABITAT AND CONSERVATION LANDSCAPING.
- SPECIES CLASSIFICATION (CANOPY TREE, UNDERSTORY TREE, ETC.) IS IN ACCORDANCE WITH MATURE HEIGHTS AS SET FORTH IN THE U.S. FISH AND WILDLIFE SERVICE PUBLICATION, NATIVE PLANTS FOR WILDLIFE HABITAT AND CONSERVATION LANDSCAPING.
- SPECIES HAVE BEEN SELECTED BASED ON AN ANALYSIS OF SURROUNDING NATIVE FOREST AND DEVELOPING WOODLAND COVER.
- SHRUB SPECIES COMPRISE OF 30 PERCENT OF THE PROPOSED PLANTING WHICH DOES NOT EXCEED 30 PERCENT OF THE OVERALL PLANTING. (NOT APPLICABLE FOR PLANTING CLUSTERS)
- THE QUANTITY OF ANY SINGLE SPECIES DOES NOT EXCEED 20 PERCENT OF THE OVERALL PLANTING. (NOT APPLICABLE FOR PLANTING CLUSTERS)
- THE LOCATION OF THE PLANTINGS CAN BE MOVED ANYWHERE WITHIN THE 100' BUFFER. THE PLANTINGS DO NOT HAVE TO ADHERE TO THIS EXACT PLANTING PLAN.

THOMAS WARD  
JULIE WARD  
2005 HOMEWOOD RD.  
ANNAPOLIS, MD 21409  
TM 16, PARCEL 161  
LOT 2, PT. OF 1

CONSTRUCT A 4' X 108' SET OF ACCESS STEPS WHICH INCLUDES 11 - 4' X 4' AND 1 - 4' X 6' LANDINGS. ALSO CONSTRUCT A 4' X 36' TRAM WITH A 4' X 4' LANDING.

PROPOSED 6' X 290' PIER WHICH INCLUDES AN 8.7' X 23' PLATFORM, A 3' X 21.3' FINGER PIER, 6 MOORING PILES, 4 BOAT LIFT PILES WITH 3 BOAT LIFTS (MAXIMUM 300' CHANNELWARD OF MHW)



Tax Account No.:  
3275-0458-3600  
Tax Map: 46  
Parcel: 161  
Deed Ref: 25569/147  
Lot: 3  
Zoning: R2  
Lot Size: 28,260 SF

**BUFFER MANAGEMENT PLAN**  
SCALE: 1" = 60'  
The Permit Coordinators, Inc.  
303 Najoles Rd. St. 114  
Millersville, MD 21108  
(410) 703-8533  
waterfrontdesign@verizon.net

**PROPOSED:**  
Shoreline work.  
in: Severn River State: Maryland  
co: Anne Arundel at: Ferry Farms  
Application by: Ray Steinmetz  
Sheet 1 of 1 Date: June 1, 2014

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

Applicant's Signature: