



DEPARTMENT OF
ENVIRONMENTAL PROGRAMS

Worcester County

GOVERNMENT CENTER
ONE WEST MARKET STREET, ROOM 1306
SNOW HILL, MARYLAND 21863
TEL: 410.632.1220 / FAX: 410.632.2012

LAND PRESERVATION PROGRAM
STORMWATER MANAGEMENT
SEDIMENT AND EROSION CONTROL
SHORELINE CONSTRUCTION
AGRICULTURAL PRESERVATION
ADVISORY BOARD

WELL & SEPTIC
WATER & SEWER PLANNING
PLUMBING & GAS
CRITICAL AREAS/FORESTRY
COMMUNITY HYGIENE

August 15, 2025

This notification is to advise you that the Department has received and is presently reviewing the following request for a shoreline construction project:

Robert Althausen - Request No. 2025-066 – Request to stabilize 60 linear feet of shoreline with an in kind replacement vinyl bulkhead. Request to replace a dock and boat lift in kind. Max channelward extension 13'. This project is located at 10415 Norwich Rd, Ocean City, also known as Tax Map 21, Parcel 8, Lot 23. Tenth Tax District of Worcester County, Maryland.

The Department in considering this application will make specific findings of fact with regard to the environmental impact, navigational impact, recreational potential, commercial benefit to Worcester County, impact of the proposed construction upon the surrounding neighborhood and upon property values therein, and any other pertinent issues. Approval from the Department does not guarantee approval from any other applicable regulatory agencies.

If you have an interest which may be adversely affected by the issuance of this permit, you are requested to notify this Department in writing within fifteen (15) calendar days which will end on August 30, 2025.

Sincerely,

Brandy Whitlock
Environmental Inspector

cc: Interested Parties
David Bradford, Deputy Director
File



WORCESTER COUNTY
SHORELINE CONSTRUCTION
APPLICATION

Request No.: 2025-066
Submission Date: 8-15-25

☒ Major Construction (\$300.00) ☐ Minor Construction (\$150.00)

Written Description of Proposed Improvement (include channelward distance):

This project proposes to stabilize 60 linear feet of shoreline with an in kind replacement vinyl bulkhead and replace a dock and boat lift in kind.
All work will be performed within 13' channelward of mean high water.

Property Description:

Map: 21 Parcel: 8 Lot: 23 Section: A Block: 10 Tax District: 10

Street Address: 10415 Norwich Road, Ocean City, MD 21842

Subdivision: 71G3

Dwelling on lot: ☒ Dwelling under construction: ☐ Vacant: ☐ Commercial: ☐

Owner: Robert Althausen Phone No. (410) 382-1696

Mailing Address: 10415 Norwich Road, Ocean City, MD 21842

E-Mail Address: bob.althausen@gmail.com

Contractor: R.G. Murphy, LLC Phone No.: (410) 352-5015

Mailing Address: 13239 Rollie Road E Bishopville, MD 21813

E-Mail Address: rgmurphy11@comcast.net

Recorded Adjacent Property Owner: Stanley & Linda Wolinski

Property Address: 10413 Norwich Road, Ocean City, MD 21842 - 18941 Middlebrook Rd Porters MD 21120

Tax Map: 21 Parcel: 8 Lot: 24 Section: A Block: 10

Recorded Adjacent Property Owner: Douglas Church

Property Address: 10417 Norwich Road, Ocean City, MD 21842 - PO Box 405 Salisbury, MD 21803

Tax Map: 21 Parcel: 8 Lot: 22 Section: A Block: 10

As the applicant, I attest that the information presented on this application, site plan and any written documentation attached hereto is known to be accurate. I understand that the proposed shoreline improvement will be constructed to meet or exceed minimum design standards adopted by the Department. Any deviation from these standards will require construction plans sealed by an engineer registered in the State of Maryland. I acknowledge that any falsification of information presented may result in revocation of this approval and of the subsequent Shoreline Construction Permit.

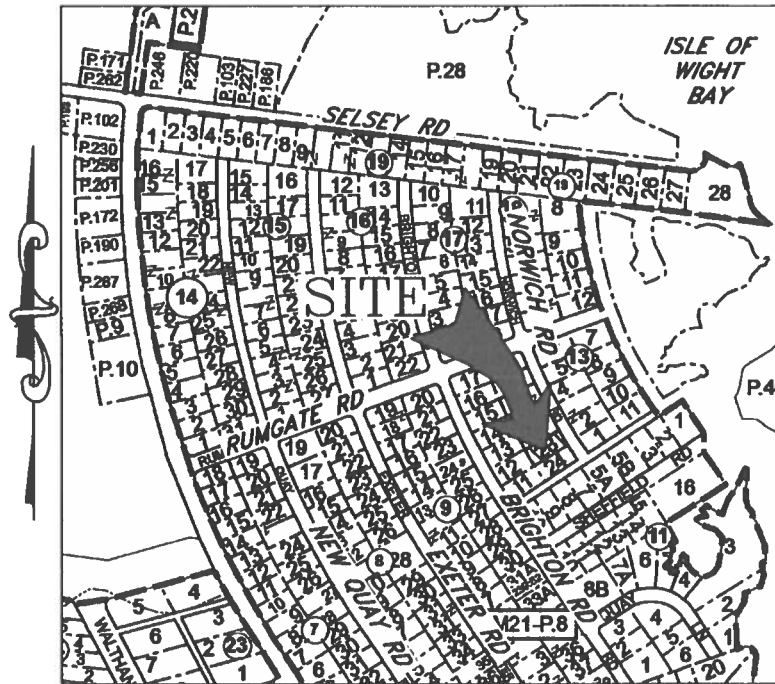
[Signature] 4/10/2025
Owner/Applicant's Signature Date

DEPT. USE ONLY:

Notification Distribution Date: 8-15-25 Public Comment Deadline: 8-30-25 (15 calendar days)

Department Approval Date: _____ Expiration: _____

MINOR BUFFER MANAGEMENT PLAN
 BMP# _____
 ROBERT ALTHAUSER
 IN THE TENTH ELECTION DISTRICT,
 WORCESTER COUNTY, MARYLAND



VICINITY MAP
 SCALE: 1" = 600'

ENGINEER

Lane Engineering, LLC
 117 BAY STREET
 EASTON, MARYLAND 21601
 (410) 822-8003


OWNER/DEVELOPER

ROBERT L. ALTHAUSER
 10415 NORWICH ROAD
 OCEAN CITY, MD 21842
 (410) 382-1696

PROJECT LOCATION

10415 NORWICH ROAD
 OCEAN CITY, MD 21842

ISSUE FOR:	DATE:	BY:	No.	DATE:	REVISION:	BY:

FILE No. D381	JOB No. 250033	SCALE: AS NOTED	DATE: AS NOTED	SHEET No. 1	TITLE SHEET		Lane Engineering, LLC	
					ON THE LANDS OF ROBERT L. ALTHAUSER OCEAN CITY, MARYLAND		Established 1986 Civil Engineers • Land Planning • Land Surveyors	
					IN THE TENTH ELECTION DISTRICT, WORCESTER COUNTY TAX MAP 21, GRID 18, PARCEL 8, SECTION A, BLOCK 10, LOT 23		 E-mail: general@leinc.com 117 Bay St. Easton, MD 21601 (410) 822-8003 15 Washington St. Cambridge, MD 21613 (410) 221-0818 354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095	
Date: 04/08/2025 - 4:10pm User: sfreund Project Manager: SJF Drawing Path: J:\2025\0000\250033\CM130-250033\Draw\Plots\HMP-PLTS-250033.dwg 1 © LANE ENGINEERING, LLC XREF File(s): RLD-BASE-250033/RAR-BASE-250033/CBS-BASE-LETR-250033/CEC-BASE-250033								

INDEX OF SHEETS

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6	EXISTING CONDITIONS
7	PROPOSED IMPROVEMENTS
8	DETAILS
9	BUFFER MANAGEMENT REQUIREMENTS

SHEET No. 2	INDEX OF SHEETS	<div style="text-align: center;"> Lane Engineering, LLC <small>Established 1986</small> Civil Engineers • Land Planning • Land Surveyors <small>E-mail: general@leinc.com</small> <small>117 Bay St. Easton, MD 21601 (410) 822-8003</small> <small>15 Washington St. Cambridge, MD 21613 (410) 221-0818</small> <small>354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095</small> </div>
	ON THE LANDS OF ROBERT L. ALTHAUSER OCEAN CITY, MARYLAND	
	<i>IN THE TENTH ELECTION DISTRICT, WORCESTER COUNTY</i> TAX MAP 21, GRID 18, PARCEL 8, SECTION A, BLOCK 10, LOT 23	
Date: 04/08/2025 - 4:10pm User: srfreund Project Manager: SJF Drawing Path: J:\2025\0000\250033\CMI3D-250033\Draw\Plots\HMP-PLTS-250033.dwg 2 © LANE ENGINEERING, LLC XREF File(s): RLD-BASE-250033/RAR-BASE-250033/GBS-BASE-LETR-250033/CEC-BASE-250033		

DATE: AS NOTED

SCALE: AS NOTED

JOB No. 250033

FILE No. D381

SITE DATA

OWNER: ROBERT L. ALTHAUSER
10415 NORWICH ROAD
OCEAN CITY, MD 21842
(410) 382-1696

SITE: 10415 NORWICH ROAD
OCEAN CITY, MD 21842

DEED REFERENCE: 5851/138

ZONING: E1 (ESTATE DISTRICT)

TOTAL AREA: 7,314 SF±

PROJECT DESCRIPTION

THIS PROJECT PROPOSES TO STABILIZE 60 LINEAR FEET OF SHORELINE WITH AN IN KIND REPLACEMENT VINYL BULKHEAD AND REPLACE THE DOCK AND BOAT LIFT IN KIND. ALL OTHER DISTURBANCE WILL BE TEMPORARY AND RESTORED TO ORIGINAL CONDITIONS FOLLOWING CONSTRUCTION. NO BANK GRADING OR TREE REMOVAL IS PROPOSED.

PROJECT NOTES

1. THE PROPERTY BOUNDARY AND EXISTING CONDITIONS SHOWN HEREON WERE TAKEN FROM GENERAL MAPS, DEED, PLAT, SITE SKETCH AND AERIAL PHOTO INTERPRETATION. A BOUNDARY AND/OR EXISTING CONDITIONS SURVEY HAS NOT BEEN COMPLETED. SOUNDINGS SHOWN HEREON PROVIDED BY CONTRACTOR FOR PERMITTING PURPOSES ONLY. LANE ENGINEERING IS NOT RESPONSIBLE FOR ANY INACCURACIES ASSOCIATED WITH THE LOCATION OF THE ABOVE REFERENCED EXISTING FEATURES AND RELATED LATERAL LINES, SETBACKS, ETC. THESE DRAWINGS ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED AS AN ACCURATE CONSTRUCTION DOCUMENT.
2. THE PROPERTY SHOWN HEREON LIES ENTIRELY WITHIN THE CHESAPEAKE BAY CRITICAL AREA.
3. THE PROPERTY SHOWN HEREON MAY BE SUBJECT TO EXPANDED BUFFERS ADJACENT TO THE 100' BUFFER AND 100' TIDAL WETLAND BUFFER DUE TO STEEP SLOPES AND/OR HYDRIC SOILS. AN INVESTIGATION FOR THE PRESENCE OF THESE ENVIRONMENTAL FEATURES HAS NOT BEEN COMPLETED AT THIS TIME.
4. THE PROPERTY SHOWN HEREON IS LOCATED IN THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SPECIAL FLOOD HAZARD AREA (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD. THE PROPERTY IS MAPPED IN THE "AE" (EL 5) FLOOD ZONE(S) AS SHOWN ON THE FEDERAL INSURANCE RATE MAPS FOR COMMUNITY NO. 240083, MAP NO. 24047C0180H FOR WORCESTER, MARYLAND. THE 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. THE SFHA IS THE AREA SUBJECT TO FLOODING BY THE 1% ANNUAL CHANCE FLOOD. THE SFHA INCLUDES ZONES A, AE, AH, AO, AR, A99, V & VE. THE BASE FLOOD ELEVATION (BFE) IS THE WATER SURFACE ELEVATION OF THE 1% ANNUAL CHANCE FLOOD. FLOOD INSURANCE MAY BE REQUIRED FOR STRUCTURES LOCATED IN THE SPECIAL FLOOD HAZARD AREA.

FLOOD ZONE LEGEND


ZONES A, AE, AH, AO, AR, A99, V & VE - 1% ANNUAL CHANCE FLOOD

ZONE X (SHADED) - 0.2% ANNUAL CHANCE FLOOD

ZONE X - AREA OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD

THE FLOOD DATA SHOWN HEREON IS BASED ON AVAILABLE MAPPED AND/OR DIGITAL INFORMATION AND IS DEPICTED AS DIRECTED AND REQUIRED BY FEDERAL, STATE AND LOCAL REGULATIONS. IT IS SUBJECT TO DATA INACCURACIES AND REGULATORY CHANGE AND SHOULD BE VERIFIED PRIOR TO FINALIZING DEVELOPMENT OR IMPROVEMENT PLANS FOR THE SUBJECT LANDS.




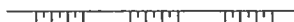








5. NO SAV IS MAPPED WITHIN THE PAST 5 YEARS IN THE WORK AREA.
6. CUT AND FILL VOLUME INFORMATION IS FOR SOIL EROSION AND SEDIMENT CONTROL APPROVAL ONLY. CONTRACTOR SHALL PERFORM HIS OWN EARTHWORK VOLUME COMPUTATION FOR ESTIMATING OR BIDDING PURPOSES.

FILE NO. D381	JOB NO. 250033	SCALE: AS NOTED	DATE: AS NOTED	SHEET NO. 3	SITE DATA & PROJECT NOTES		Lane Engineering, LLC Established 1986 Civil Engineers • Land Planning • Land Surveyors  E-mail: general@leinc.com 117 Bay St. Easton, MD 21601 (410) 822-8003 15 Washington St. Cambridge, MD 21613 (410) 221-0818 354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095
					ON THE LANDS OF ROBERT L. ALTHAUSER OCEAN CITY, MARYLAND		
					IN THE TENTH ELECTION DISTRICT, WORCESTER COUNTY TAX MAP 21, GRID 18, PARCEL 8, SECTION A, BLOCK 10, LOT 23		

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XREF File(s): RLD-BASE-250033/RAR-BASE-250033/CBS-BASE-LETR-250033/CEC-BASE-250033

LEGEND & ABBREVIATIONS

MHW	MEAN HIGH WATER (APPROXIMATE)
LOD	LIMITS OF DISTURBANCE
TBR	TO BE REMOVED
TYP	TYPICAL

PROPERTY LINE	
FLOOD ZONE BOUNDARY	
LIMITS OF DISTURBANCE	
TOP OF BANK	
TOE OF SLOPE	
LIMIT OF TIDAL WETLANDS	
TIDAL WETLANDS	
TREE LINE	
TREES	
PROPOSED TREE	
PROPOSED SHRUB	
SPOT ELEVATION/SOUNDING	

LEGEND & ABBREVIATIONS

ON THE LANDS OF
ROBERT L. ALTHAUSER
OCEAN CITY, MARYLAND

IN THE TENTH ELECTION DISTRICT, WORCESTER COUNTY
TAX MAP 21, GRID 18, PARCEL 8, SECTION A, BLOCK 10, LOT 23

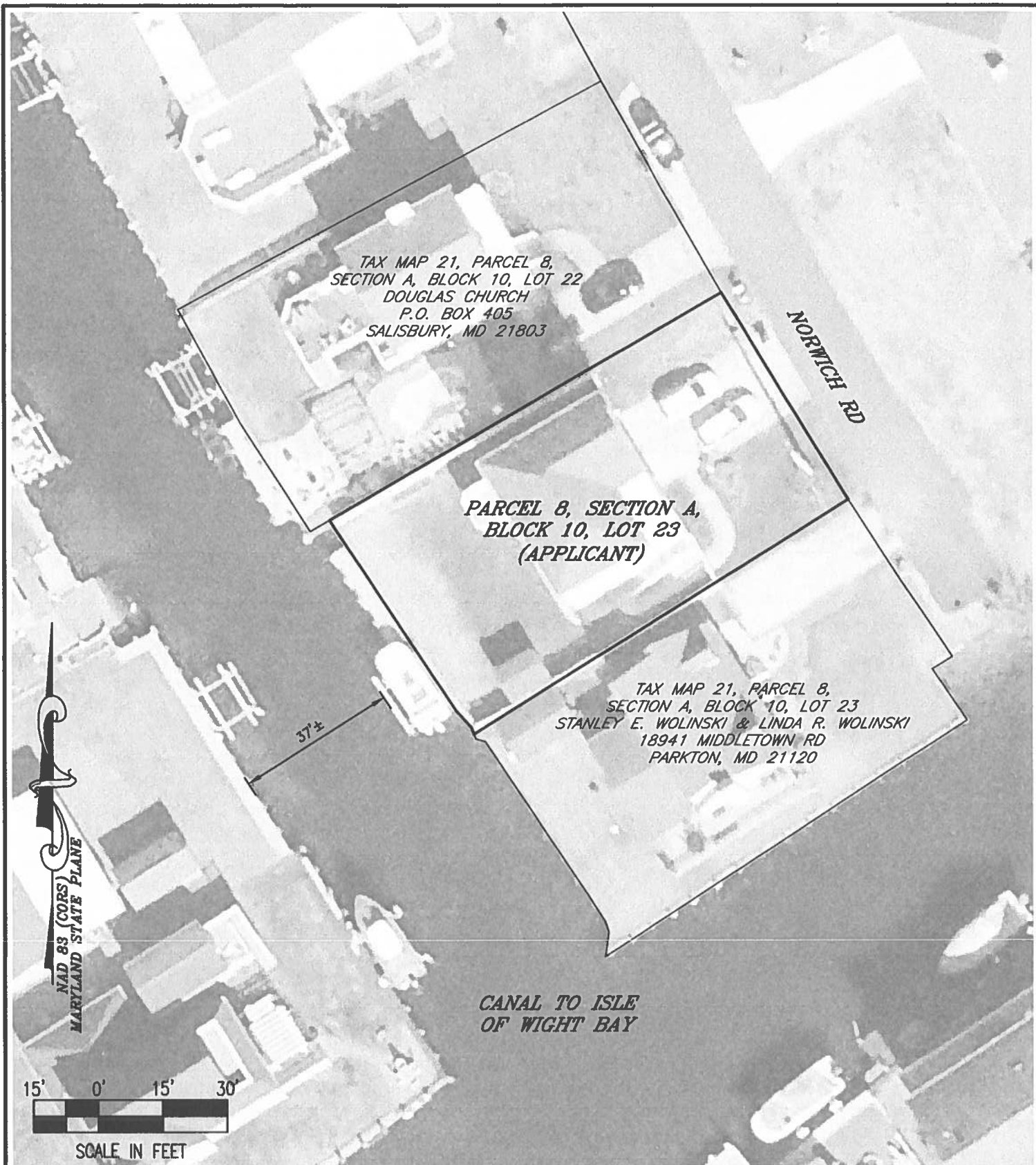
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15 Washington St. Cambridge, MD 21613 (410) 221-0818
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SHEET No. 4
DATE: AS NOTED
SCALE: AS NOTED
JOB No. 250033
FILE No. D381



SHEET No.
5

DATE: AS NOTED

SCALE: AS NOTED

JOB No. 250033

FILE No. D381

SITE OVERVIEW

ON THE LANDS OF
ROBERT L. ALTHAUSER
OCEAN CITY, MARYLAND

IN THE TENTH ELECTION DISTRICT, WORCESTER COUNTY
TAX MAP 21, GRID 18, PARCEL 8, SECTION A, BLOCK 10, LOT 23

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15 Washington St. Cambridge, MD 21613 (410) 221-0818
354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095

TAX MAP 21, PARCEL 8,
SECTION A, BLOCK 10, LOT 22
DOUGLAS CHURCH
P.O. BOX 405
SALISBURY, MD 21803

NORWICH RD

DRIVEWAY

DWELLING

PROPERTY LINE
EXTENDED
6' SETBACK

PARCEL 8, SECTION A,
BLOCK 10, LOT 23
(APPLICANT)

DOCK

BULKHEAD

MHW/MLW

SHED

6' SETBACK
PROPERTY LINE
EXTENDED

TAX MAP 21, PARCEL 8,
SECTION A, BLOCK 10, LOT 23
STANLEY E. WOLINSKI & LINDA R. WOLINSKI
18941 MIDDLETOWN RD
PARKTON, MD 21120

CANAL TO ISLE
OF WIGHT BAY

NAD 83 (CORS)
MARYLAND STATE PLANE



SCALE IN FEET

EXISTING CONDITIONS

ON THE LANDS OF
ROBERT L. ALTHAUSER
OCEAN CITY, MARYLAND

IN THE TENTH ELECTION DISTRICT, WORCESTER COUNTY
TAX MAP 21, GRID 18, PARCEL 8, SECTION A, BLOCK 10, LOT 23

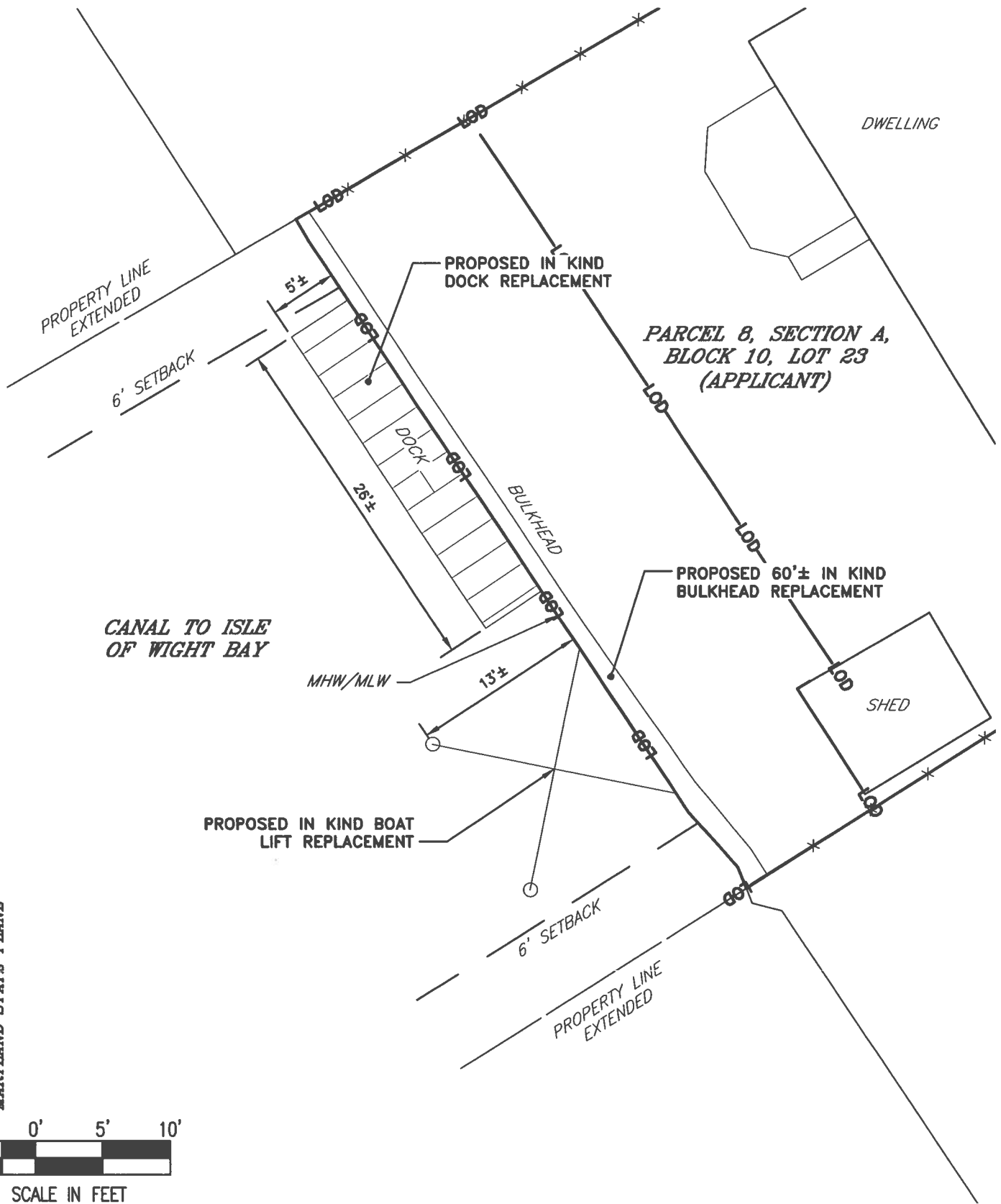
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SHEET NO.
6
DATE: AS NOTED
SCALE: AS NOTED
JOB No. 250033
FILE No. D381



SHEET NO. 7
 DATE: AS NOTED
 SCALE: AS NOTED
 JOB NO. 250033
 FILE NO. D381

PROPOSED IMPROVEMENTS
ON THE LANDS OF
ROBERT L. ALTHAUSER
OCEAN CITY, MARYLAND

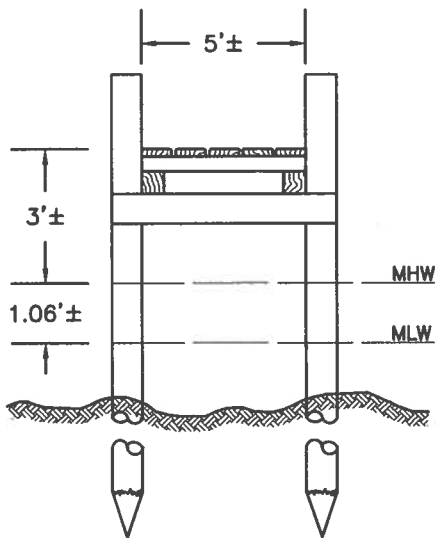
IN THE TENTH ELECTION DISTRICT, WORCESTER COUNTY
 TAX MAP 21, GRID 18, PARCEL 8, SECTION A, BLOCK 10, LOT 23

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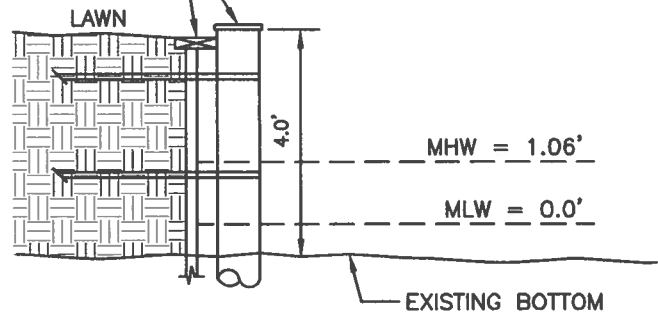


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 117 Bay St. Easton, MD 21601 (410) 822-8003
 15 Washington St. Cambridge, MD 21613 (410) 221-0818
 354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095

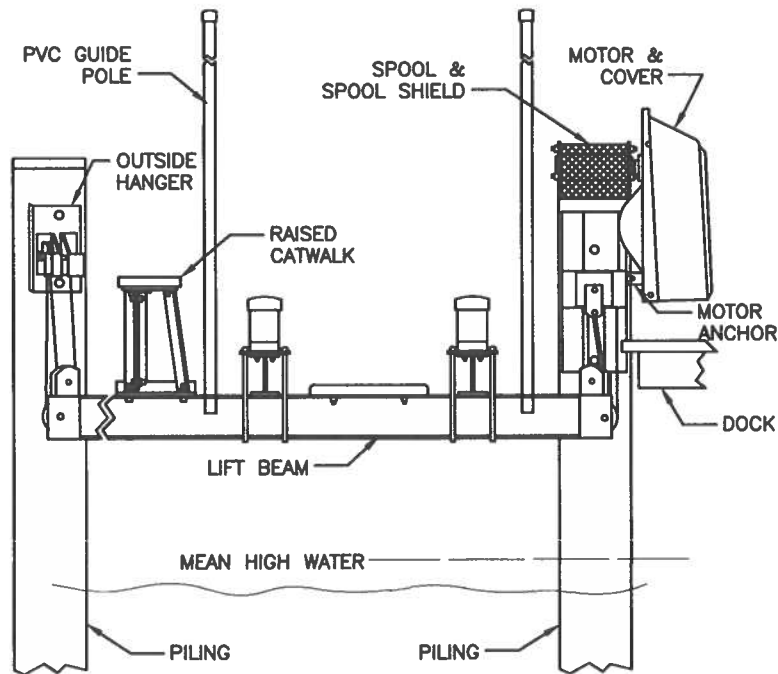


PIER SECTION
NOT TO SCALE

EXISTING BULKHEAD TO
BE REPLACED IN-KIND



BULKHEAD REPLACEMENT DETAIL
NOT TO SCALE



BOAT LIFT DETAIL
NOT TO SCALE

DATE: AS NOTED
SCALE: AS NOTED
JOB No. 250033
FILE No. D381

SHEET No.
8

DETAILS

**ON THE LANDS OF
ROBERT L. ALTHAUSER
OCEAN CITY, MARYLAND**

**IN THE TENTH ELECTION DISTRICT, WORCESTER COUNTY
TAX MAP 21, GRID 18, PARCEL 8, SECTION A, BLOCK 10, LOT 23**

Lane Engineering, LLC

Established 1986
Civil Engineers • Land Planning • Land Surveyors



E-mail: general@leinc.com
117 Bay St. Easton, MD 21801 (410) 822-8003
15 Washington St. Cambridge, MD 21613 (410) 221-0818
354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095

BUFFER MITIGATION REQUIREMENTS & PROPOSAL

TOTAL LIMITS OF DISTURBANCE = 858 SF±

1. 777 SF± TEMPORARY DISTURBANCE
AREA TO BE RESTORED TO ITS ORIGINAL CONDITION FOLLOWING CONSTRUCTION
NO MITIGATION REQUIRED
2. 81 SF± DISTURBANCE ASSOCIATED WITH IN KIND BULKHEAD REPLACEMENT
NO MITIGATION REQUIRED

OWNER CERTIFICATION


I, ROBERT ALTHAUSER, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ACCEPT THE TERMS AND CONDITIONS OF THIS MINOR BUFFER MANAGEMENT PLAN AND AGREE TO PROVIDE WRITTEN CERTIFICATION OF COMPLETION WHEN THE PLANTING AND RELATED WORK IS COMPLETE.



ROBERT ALTHAUSER

4/10/25

DATE

FILE No. D381	JOB No. 250033	SCALE: AS NOTED	DATE: AS NOTED	SHEET No. 9	BUFFER MITIGATION REQUIREMENTS		Lane Engineering, LLC Established 1986 Civil Engineers • Land Planning • Land Surveyors  E-mail: general@leinc.com 117 Bay St. Easton, MD 21801 (410) 822-8003 15 Washington St. Cambridge, MD 21613 (410) 221-0818 354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095
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PROJECT INFORMATION

BUILDING

NEW BULKHEAD
OCEAN CITY MARYLAND 21842
WORCESTER COUNTY

2021 INTERNATIONAL RESIDENCE CODE

LATEST EDITION OF LOCAL CODES WHICH AMEND THE INTERNATIONAL CODES

DESIGN REFERENCES

SEAWALL 7. ASCE STANDARD. MINIMUM DESIGN LOADS FOR BUILDINGS
AND OTHER STRUCTURES

ACI 318. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
ANALYSIS AND DESIGN

ANSI/APA NDS. NATIONAL DESIGN SPECIFICATIONS FOR WOOD AND
ENGINEERED WOOD CONSTRUCTION

ASCE MANUAL FOR STEEL CONSTRUCTION

STRUCTURAL DATA

TOP OF BULKHEAD 5.0' +/- ABOVE MUD LINE
MEAN LOW TIDE 1.5' +/- ABOVE MUD LINE
MEAN HIGH TIDE 1.5' +/- ABOVE MUD LINE
SOIL LATERAL PRESSURE 150 PSF/FT

TREATED ROUND TIMBER PILES

DESIGN SPECIFICATIONS FOR NORMAL LOAD DURATION AND WET SERVICE CONDITIONS
SPECIES = SOUTHERN PINE

$P_c = 1,200$ PSI

$P_y = 2,400$ PSI

$P_z = 110$ PSI

$E = 1,500,000$ PSI

$E_{min} = 750,000$ PSI

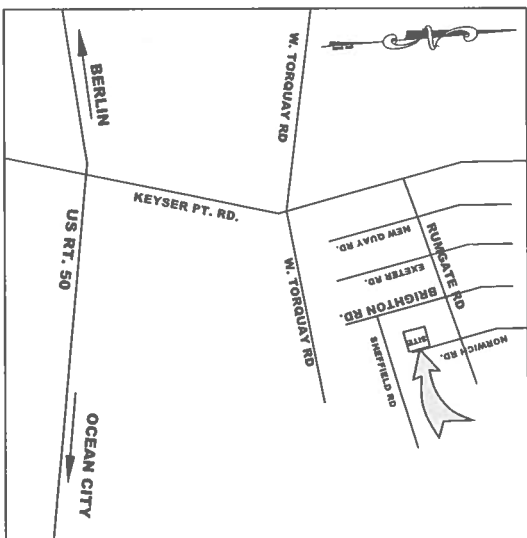
PILES SHALL BE TREATED WITH AN APPROVED PROCESS AND PRESERVATIVE AND
PRESCRIBED IN THE APPLICABLE EDITION OF THE AWPA BOOK OF STANDARDS,
AMERICAN WOOD PRESERVERS ASSOCIATION SELMA, AL

CONTRACTOR RESPONSIBILITIES. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE
AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO
DETERMINE PRECISION PROCEDURES AND SEQUENCE, AND TO ENSURE THE STABILITY OF THE BUILDING AND
ITS COMPONENT PARTS. AND THE ADEQUACY OF TEMPORARY OR INCOMPLETE CONNECTIONS DURING
CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES
AND TIEDOWNS THAT MIGHT BE NECESSARY. SUCH MATERIAL IS NOT SHOWN IN THE DRAWINGS. IF APPLIED,
THEY SHALL BE REMOVED AS CONDITIONS PERMIT AND SHALL REMAIN THE CONTRACTOR'S PROPERTY.
THE ENGINEER HAS NO EXPERTISE IN, AND TAKES NO RESPONSIBILITY FOR, CONSTRUCTION MEANS AND
METHODS OR JOBSITE SAFETY DURING CONSTRUCTION, PROCESSING AND/OR APPROVED SUBMITTALS
MADE BY THE CONTRACTOR WHICH MAY CONTAIN INFORMATION RELATED TO CONSTRUCTION METHODS OF
SPECIALTY OR PARTICULAR MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF
EXISTING UTILITIES AND TIEDOWNS THAT MIGHT BE NECESSARY. SUCH MATERIAL IS NOT SHOWN IN THE DRAWINGS. IF APPLIED,
THEY SHALL BE REMOVED AS CONDITIONS PERMIT AND SHALL REMAIN THE CONTRACTOR'S PROPERTY.
CONTRACTOR TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF
CONSTRUCTION. THE ENGINEER IS NOT ENGAGED IN, AND DOES NOT SUPERVISE CONSTRUCTION.

INSPECTION. ALL WORK SPECIFIED HEREIN SHALL BE INSPECTED IN ACCORDANCE WITH THE BUILDING
CODE AND ALL LOCAL ORDINANCES. THE OWNER OR CONTRACTOR SHALL HIRE AN EXPERIENCED
QUALIFIED INSPECTOR TO PERFORM ALL REQUIRED INSPECTION WORK. INSPECTION SHALL CONSIST OF
VISUAL OBSERVATIONS OF MATERIALS, EQUIPMENT OR CONSTRUCTION WORK FOR THE PURPOSE OF
ASCERTAINING THAT THE WORK IS IN SUBSTANTIAL CONFORMANCE WITH THE CONTRACT DOCUMENTS AND
WITH THE DESIGN INTENT. THE ENGINEER WILL NOT PERFORM THE REQUIRED INSPECTION AS PART OF THIS
PRESENT CONTRACT WITH THE ARCHITECT/OWNER. THE ENGINEER'S OBLIGATIONS AND RESPONSIBILITIES
SHALL BE LIMITED TO THE DESIGN OF THE STRUCTURE AND THE REVIEW OF THE CONTRACT DOCUMENTS. HOWEVER, SUCH
VISITS SHALL NOT BE RELIED UPON BY OTHERS AS ACCEPTANCE OF THE WORK, NOR SHOULD IT BE
CONSTRUED TO RELIEVE THE CONTRACTOR IN ANY WAY FROM HIS OBLIGATIONS AND RESPONSIBILITIES
UNDER THE CONSTRUCTION CONTRACT.

DESIGN WITHOUT CONSTRUCTION REVIEW. IT IS AGREED THAT IF ABBA ENGINEERING'S PROFESSIONAL
SERVICES DO NOT EXTEND TO OR INCLUDE THE REVIEW OR SITE OBSERVATION OF THE CONTRACTOR'S
WORK OR PERFORMANCE, THEN THE OWNER WILL DEFEND, INDEMNIFY AND HOLD HARMLESS ABBA
ENGINEERING FROM ANY CLAIM OR SUIT WHATSOEVER, INCLUDING BUT NOT LIMITED TO ALL PAYMENTS,
EXPENSES OR COSTS INVOLVED ARISING FROM OR ALLEGED TO HAVE ARISEN FROM THE CONTRACTOR'S
PERFORMANCE OR THE FAILURE OF THE CONTRACTOR'S WORK TO CONFORM TO THE DESIGN INTENT AND
THE CONTRACT DOCUMENTS. ABBA ENGINEERING AGREES TO BE RESPONSIBLE FOR ITS OWN OR ITS
EMPLOYEES' NEGLIGENCE, ACTS, ERRORS OR OMISSIONS.

OWNERSHIP OF DOCUMENTS. THE CONTRACTOR ACKNOWLEDGES THESE PLANS AND SPECIFICATIONS
PREPARED BY ABBA ENGINEERING, LLC AS INSTRUMENTS OF PROFESSIONAL SERVICE. THE
CONTRACTOR SHALL NOT REPRODUCE, COPIY, REPRODUCE, OR OTHERWISE USE THESE PLANS OR SPECIFICATIONS
WITHOUT THE WRITTEN AUTHORIZATION OF ABBA ENGINEERING, LLC. THE CONTRACTOR AGREES TO HOLD HARMLESS AND
INDEMNIFY ABBA ENGINEERING, LLC AGAINST ALL DAMAGES, CLAIMS, AND LOSSES, INCLUDING DEFENSE COSTS,
ARISING OUT OF ANY REUSE OF THE PLANS AND SPECIFICATIONS WITHOUT THE WRITTEN AUTHORIZATION OF
ABBA ENGINEERING, LLC.



VICINITY MAP

NOT TO SCALE

PERMIT

New Bulkhead

Single Family Residence
10415 Norwich Rd.
Ocean City, MD 21842

Notes

PERMIT

S1.0

ABBA ENGINEERING, LLC

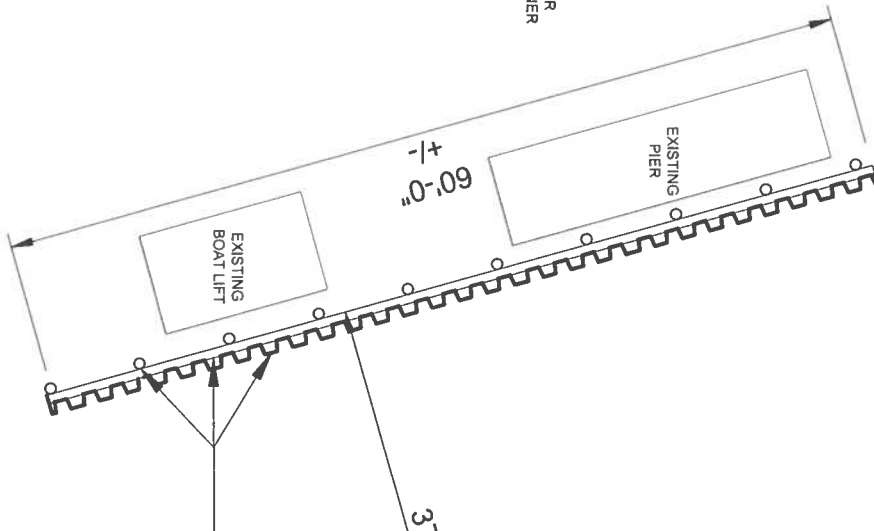
11201 SHARPTOWN RD., MARDELA SPRINGS, MD. 21837

THOMAS S. BECHTEL P.E.
PH: 443-783-5556
FX: 410-883-3840

OWNER

tombechtel@comcast.net






$$\underline{37'-0" + 1'-}$$

10415 NORWICH



1
S1.1
PLAN VIEW
SCALE 1/16" = 1'-0"

NEW VINYL SHEATHING, CMI CL-9000 OR ESP 4.1 OR EQUIVALENT, 6x6 TOP AND MID WALES AND 9" WOOD PILES AT 6'-6" ON CENTER MAX.

PERMIT

<p>New Bulkhead</p> <p>Plan View.</p> <p>Proposed Bulkhead</p> <p style="text-align: center;">SINGLE FAMILY RESIDENCE</p> <p style="text-align: center;">10415 Norwich Rd. Ocean City , MD 21842</p>						<p>ABBA ENGINEERING, </p> <p>11201 SHARPTOWN RD., MARDELA SPRINGS, MD. 21837</p> <p>THOMAS S. BECHTEL P.E. PH. 413-783-5556 FX. 410-683-3840</p> <p style="text-align: right;">OWNER tambachtel@comcast.net</p>											
<p>PERMIT</p>						<p>DATE: 11/14/11</p> <p>DRAWN BY: TMB</p> <p>CHECKED BY: TMB</p> <p>SCALE: AS SHOWN</p> <p>PROJECT NO.: 2907</p> <p>\$1.1</p>											



<div style="text-align: center;"> Bulkhead Details PERMIT 75017 T-8 03.10.25 \$1.1 </div>	<p>New Bulkhead</p> <p>Single Family Residence</p> <p>10415 Norwich Rd. Ocean City , MD 21842</p>	<p>ABBA ENGINEERING,  LLC</p> <p>11201 SHARPTOWN RD. MARDELA SPRINGS, MD 21837</p> <p>THOMAS S. BECHTEL P.E. PH 443-783-5556 FX 410-883-3840</p> <p>OWNER tombechtel@comcast.net</p>	
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