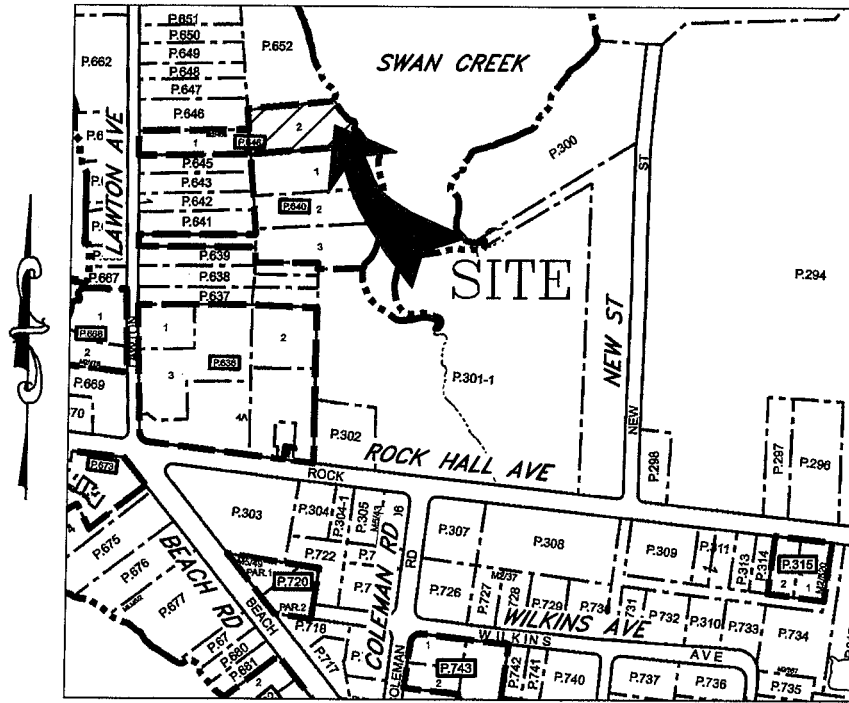


**SHORELINE STABILIZATION & PIER PERMIT DRAWINGS**  
**PREPARED FOR**  
**JOSEPH B. MARRONE, JR.**  
**IN THE TOWN OF ROCK HALL**  
**KENT COUNTY, MARYLAND**



VICINITY MAP  
 SCALE: 1" = 500'

ENGINEER

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


OWNER/DEVELOPER

JOSEPH B. MARRONE, JR.  
 407 SOUTH ITHAN AVENUE  
 BRYN MAWR, PA 19010  
 (610) 506-6111

PROJECT LOCATION

5999 LAWTON AVENUE  
 ROCK HALL, MD 21661

ISSUE FOR:	DATE:	BY:	No.	DATE:	REVISION:	BY:
MDE SUBMITTAL		SJF				

SHEET No. <b>1 OF 7</b>	<b>TITLE SHEET</b>		<b>Lane Engineering, LLC</b> 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 <b>JOSEPH B. MARRONE, JR.</b> ROCK HALL, MARYLAND		
	IN THE TOWN OF ROCK HALL TAX MAP 500, GRID 1, PARCEL 646, LOT 2		
DATE: AS NOTED SCALE: AS NOTED JOB No. 240358 FILE No. B939	Date: 03/20/2026 - 12:48pm User: sfreund Project Manager: SJF Drawing Path: C:\swap\AcPublsh_2984\HMP-PLTS-240358.dwg   Sheet1 XREF File(s): RAR-BASE-240358/CSP-BASE-MARINE-240358/RLD-BASE-240358/GBS-BASE-LETR-240358 © LANE ENGINEERING, LLC		

**LEGEND & ABBREVIATIONS**


MHW MEAN HIGH WATER (APPROXIMATE)  
 MLW MEAN LOW WATER (APPROXIMATE)

PROPERTY LINE \_\_\_\_\_

SPOT ELEVATION/SOUNDING x-2.15

**PROJECT NOTES**

1. THE PROPERTY BOUNDARY AND EXISTING CONDITIONS SHOWN HEREON WERE TAKEN FROM GENERAL MAPS, DEED, PLAT, SITE SKETCH AND AERIAL PHOTO INTERPRETATION. THESE MAPS ARE BELIEVED TO BE THE BEST, READILY AVAILABLE SOURCE OF INFORMATION FOR MARINE PERMITTING PURPOSES. A BOUNDARY AND/OR EXISTING CONDITIONS SURVEY HAS NOT BEEN COMPLETED. LANE ENGINEERING IS NOT RESPONSIBLE FOR ANY INACCURACIES ASSOCIATED WITH THE LOCATION OF THE ABOVE REFERENCED EXISTING FEATURES AND RELATED LATERAL LINES, SETBACKS, ETC.
2. THESE DRAWINGS ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED AS AN ACCURATE CONSTRUCTION DOCUMENT.
3. SOUNDINGS SHOWN HEREON PROVIDED BY HOMEOWNER FOR PERMITTING PURPOSES ONLY.
4. TIDAL DATUM, I.E. MEAN LOW WATER ELEVATION, IS ESTIMATED FROM ENVIRONMENTAL INDICATORS SUCH AS RACK LINES, WATER MARKS, PLANT COMMUNITY COMPOSITIONS.
5. UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREIN ARE REFERENCED TO MEAN LOW WATER = 0.0'.
6. MEAN TIDAL RANGE = 1.22'
7. LOT SIZE = 31,940 SF±
8. DISTANCE TO CHANNEL CENTERLINE = 365'±
9. MAXIMUM CHANNELWARD ENCROACHMENT = 242'±
10. ZONING CLASSIFICATION = MREC (MARITIME RECREATIONAL)
11. 911 ADDRESS = 5999 LAWTON AVE, ROCK HALL, MD 21661

SHEET No. <b>2 OF 7</b>	<b>SITE &amp; PROJECT NOTES</b>  ON THE LANDS OF <b>JOSEPH B. MARRONE, JR.</b> <b>ROCK HALL, MARYLAND</b>  IN THE TOWN OF ROCK HALL TAX MAP 500, GRID 1, PARCEL 646, LOT 2	<b>Lane Engineering, LLC</b> 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
DATE: AS NOTED SCALE: AS NOTED JOB No. 240358 FILE No. B939	Date: 03/20/2026 - 12:48pm User: sfrund Project Manager: SJF Drawing Path: C:\swap\AcPublih_2964\HMP-PLTS-240358.dwg   Sheet2 XREF File(s): RAR-BASE-240358/CSP-BASE-MARINE-240358/RLD-BASE-240358/GBS-BASE-LETR-240358 © LANE ENGINEERING, LLC	

TAX MAP 500, PARCEL 652  
 SEAN GREENE & TAMARA BELT  
 2908 32ND ST NW  
 WASHINGTON, DC 20008

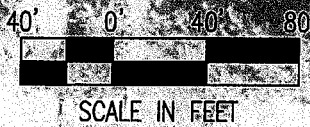
SWAN CREEK

PARCEL 646, LOT 2  
 (APPLICANT)

TAX MAP 500, PARCEL 640, LOT 1  
 JOHN P. SIRNA & ANNE L. SIRNA  
 5979 LAWTON AVE  
 ROCK HALL, MD 21661

HARBOR LINE

NAD 83 (CORS)  
 MARYLAND STATE PLANE



**SITE OVERVIEW**

**ON THE LANDS OF  
 JOSEPH B. MARRONE, JR.  
 ROCK HALL, MARYLAND**

**IN THE TOWN OF ROCK HALL  
 TAX MAP 500, GRID 1, PARCEL 646, LOT 2**

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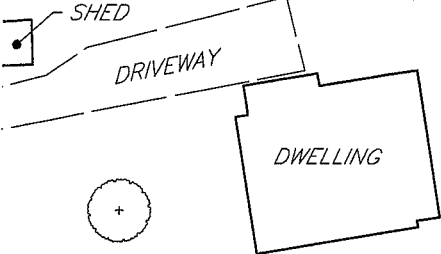


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SHEET No.  
**3 OF 7**  
 DATE: AS NOTED  
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 FILE No. B939

TAX MAP 500, PARCEL 652  
 SEAN GREENE & TAMARA BELT  
 2908 32ND ST NW  
 WASHINGTON, DC 20008

**PARCEL 646, LOT 2  
 (APPLICANT)**



TAX MAP 500, PARCEL 640, LOT 1  
 JOHN P. SIRNA & ANNE L. SIRNA  
 5979 LAWTON AVE  
 ROCK HALL, MD 21661

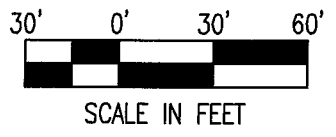
MHW

LATERAL LINE  
 10' SETBACK

PIER

10' SETBACK  
 LATERAL LINE

HARBOR LINE



DATE: AS NOTED  
 SCALE: AS NOTED  
 JOB No. 240358  
 FILE No. B939

**EXISTING CONDITIONS**  
 ON THE LANDS OF  
**JOSEPH B. MARRONE, JR.**  
**ROCK HALL, MARYLAND**  
 IN THE TOWN OF ROCK HALL  
 TAX MAP 500, GRID 1, PARCEL 646, LOT 2

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**PROPOSED PIER EXTENSION,  
FINGER PIER, AND BOAT LIFTS**

TAX MAP 500, PARCEL 652  
SEAN GREENE & TAMARA BELT  
2908 32ND ST NW  
WASHINGTON, DC 20008

**PARCEL 646, LOT 2  
(APPLICANT)**

DWELLING

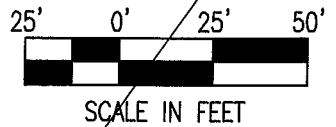
TAX MAP 500, PARCEL 640, LOT 1  
JOHN P. SIRNA & ANNE L. SIRNA  
5979 LAWTON AVE  
ROCK HALL, MD 21661

MHW

LATERAL LINE  
10' SETBACK

10' SETBACK  
LATERAL LINE

HARBOR LINE



**PROPOSED IMPROVEMENTS**

**ON THE LANDS OF  
JOSEPH B. MARRONE, JR.  
ROCK HALL, MARYLAND**

**IN THE TOWN OF ROCK HALL  
TAX MAP 500, GRID 1, PARCEL 646, LOT 2**

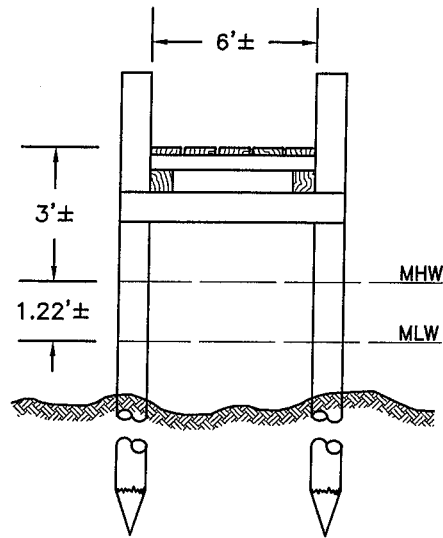
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SHEET No. **5 OF 7**  
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SCALE: AS NOTED  
JOB No. 240358  
FILE No. B939



**PIER SECTION**  
NOT TO SCALE

**DETAILS**

ON THE LANDS OF  
**JOSEPH B. MARRONE, JR.**  
ROCK HALL, MARYLAND

IN THE TOWN OF ROCK HALL  
TAX MAP 500, GRID 1, PARCEL 646, LOT 2

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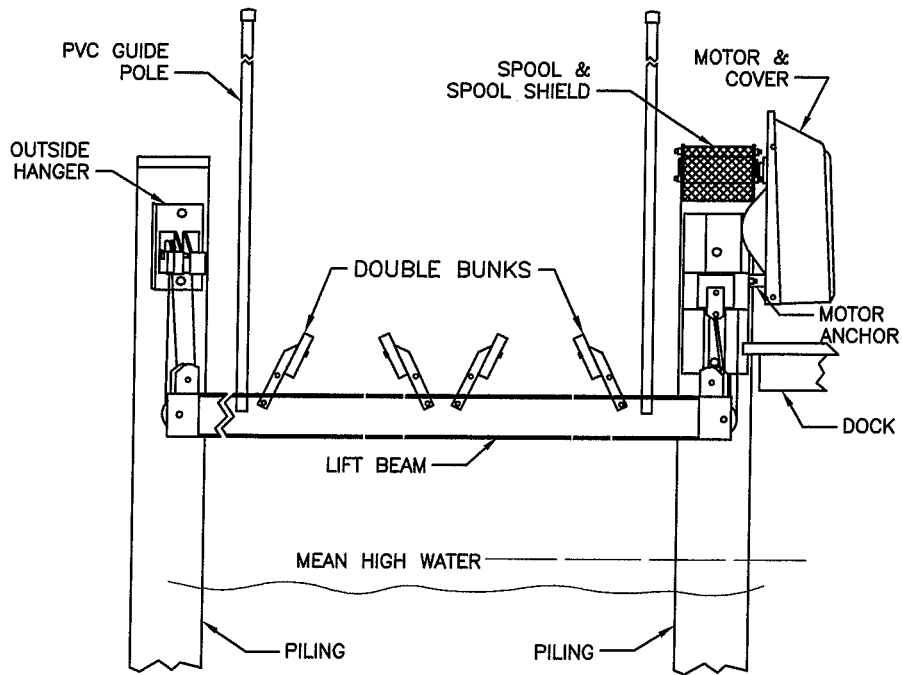
SHEET No.  
**6 OF 7**

DATE: AS NOTED

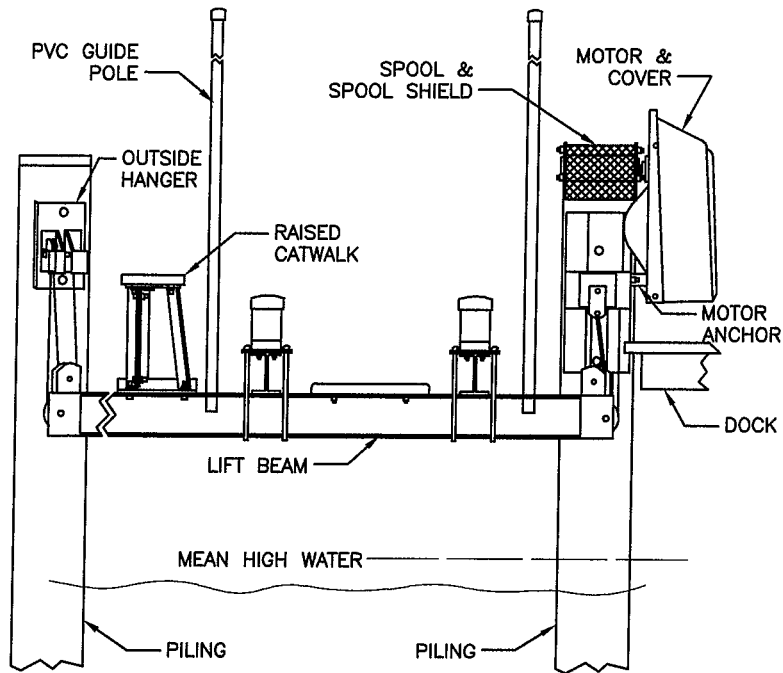
SCALE: AS NOTED

JOB No. 240358

FILE No. B939



**DOUBLE PWC LIFT DETAIL**  
NOT TO SCALE



**BOAT LIFT DETAIL**  
NOT TO SCALE

**DETAILS**

**ON THE LANDS OF  
JOSEPH B. MARRONE, JR.  
ROCK HALL, MARYLAND**

**IN THE TOWN OF ROCK HALL  
TAX MAP 500, GRID 1, PARCEL 646, LOT 2**

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