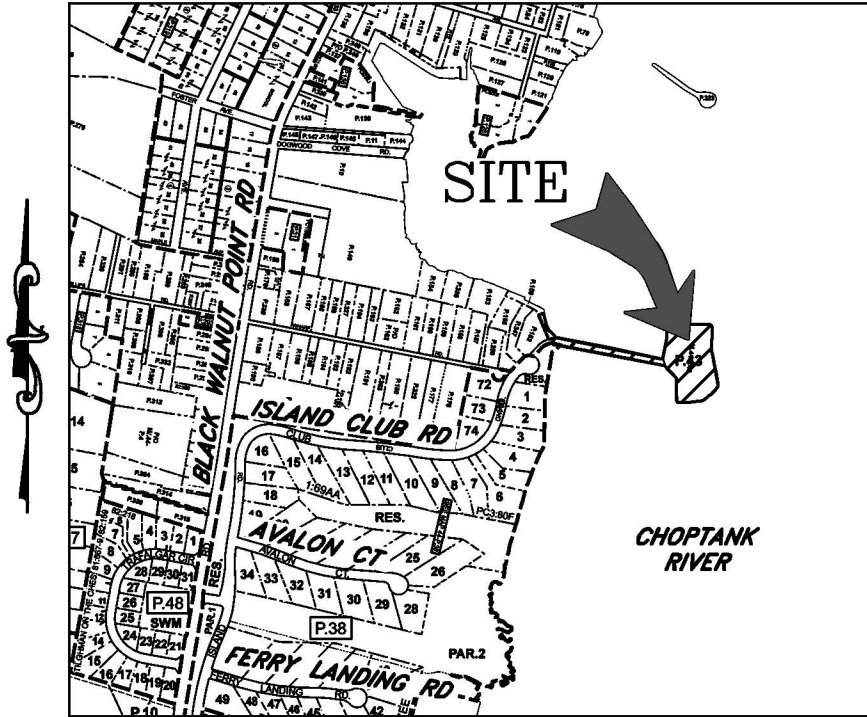


# TIMBER JETTY & DREDGING PERMIT DRAWINGS

## PREPARED FOR TOC FACILITIES, LLC IN THE FIFTH ELECTION DISTRICT TALBOT COUNTY, MARYLAND



**VICINITY MAP**  
SCALE: 1" = 1,000'

**ENGINEER**

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

**OWNER/DEVELOPER**

TOC FACILITIES, LLC  
C/O IAN JONES  
P.O. BOX 432  
TILGHMAN, MD 21671  
(847) 217-3366

**PROJECT LOCATION**

TAX MAP 44, PARCEL 43  
ISLAND CLUB ROAD  
TILGHMAN, MD 21671

| ISSUE FOR:    | DATE:    | BY: | No. | DATE: | REVISION: | BY: |
|---------------|----------|-----|-----|-------|-----------|-----|
| MDE SUBMITTAL | 11/08/23 | DSR |     |       |           |     |
|               |          |     |     |       |           |     |
|               |          |     |     |       |           |     |
|               |          |     |     |       |           |     |
|               |          |     |     |       |           |     |

|               |                |                 |                |                             |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------|----------------|-----------------|----------------|-----------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FILE No. 1068 | JOB No. 230090 | SCALE: AS NOTED | DATE: AS NOTED | SHEET No.<br><b>1 OF 10</b> | <b>TITLE SHEET</b>                                                              | <b>Lane Engineering, LLC</b><br>Established 1986<br>Civil Engineers • Land Planning • Land Surveyors<br><br>E-mail: general@leinc.com<br>117 Bay St. Easton, MD 21601 (410) 822-8003<br>15 Washington St. Cambridge, MD 21613 (410) 221-0818<br>354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095 |
|               |                |                 |                |                             | ON THE LANDS OF<br>TOC FACILITIES, LLC                                          |                                                                                                                                                                                                                                                                                                                                                                                                 |
|               |                |                 |                |                             | IN THE FIFTH ELECTION DISTRICT, TALBOT COUNTY<br>TAX MAP 44, GRID 10, PARCEL 43 |                                                                                                                                                                                                                                                                                                                                                                                                 |

## LEGEND & ABBREVIATIONS

MHW ME-N HIGH W-TER (-PPROXIM-TE)  
MLW ME-N LOW W-TER (-PPROXIM-TE)

PROPERTY LINE \_\_\_\_\_  
EXISTING CONTOUR LINE -----24-----  
PROPOSED CONTOUR LINE \_\_\_\_\_[24]\_\_\_\_\_  
SPOT ELEV-TION/SOUNDING x-2.15

## PROJECT NOTES

- THESE DRAWINGS ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED AS A CONSTRUCTION DOCUMENT.
- SOUNDINGS SHOWN HEREON PROVIDED BY TOPOGRAPHIC SURVEY FOR PERMITTING PURPOSES ONLY.
- TIDAL D-TUM, I.E. ME-N LOW W-TER ELEV-TION, IS ESTIMATED FROM ENVIRONMENTAL INDICATORS SUCH AS ROCK LINES, W-TER MARKS, PLANT COMMUNITY COMPOSITIONS.
- UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREIN ARE REFERENCED TO ME-N LOW W-TER = 0.0'.
- ME-N TIDAL RANGE = 1.62'
- LOT SIZE = 2.07 ±
- DISTANCE TO CHANNEL CENTERLINE = 450'±
- MAXIMUM CHANNELW-RD ENCROACHMENT = 355'±
- ZONING CLASSIFICATION = VM (VILLAGE MIXED)
- 911 ADDRESS = ISLAND CLUB ROAD TILGHMAN, MD 21671

MHHW = 1.83

MHW = 1.62

MSL = 0.80

MLW = 0.00

MLLW = -0.21

N-D 88 = 0.90

NGVD 29 = 0.16

## VERTICAL DATUM COMPARISON CHART

SCALE: 1"=1'

NOTE: ME-N LOW W-TER (MLW) AND RELATIVE TIDAL INFORMATION WAS OBTAINED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOA) AND THE NATIONAL OCEANIC SERVICE (NOS) AND ARE BASED UPON TIDAL BENCH MARK C-MBRIDGE (STATION ID: 8571892) TIDAL EPOCH 1983-2001.

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 AVAILABLE SOURCE OF INFORMATION FOR 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. A TOPOGRAPHIC SURVEY WAS PERFORMED BY LANE ENGINEERING, LLC IN MARCH 2023.

## SITE & PROJECT NOTES

ON THE LANDS OF  
TOC FACILITIES, LLC  
TILGHMAN, MARYLAND

IN THE FIFTH ELECTION DISTRICT, T-LBOT COUNTY  
T-X M-P 44, GRID 10, P-RCCL 43

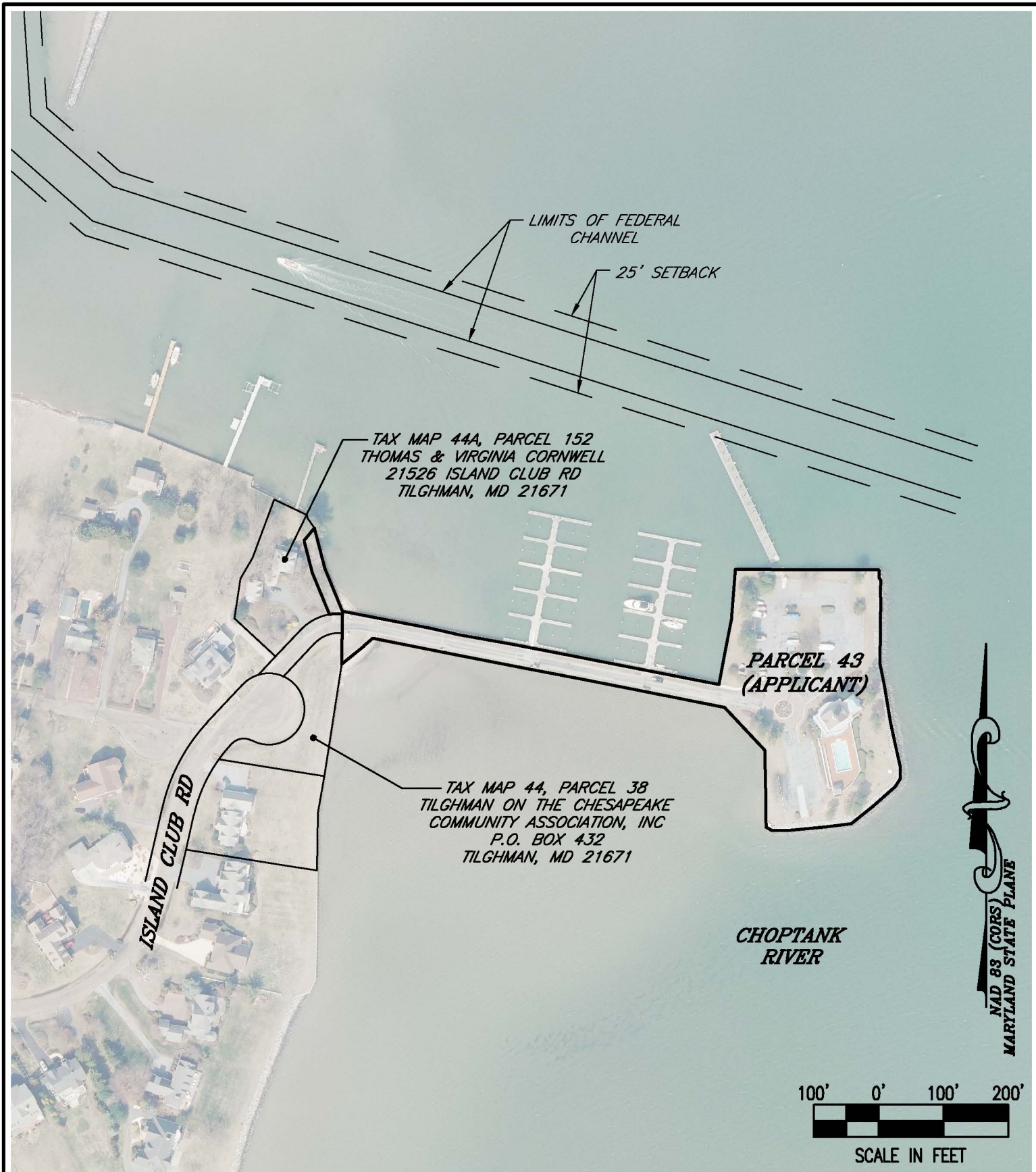
## Lane Engineering, LLC

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

FILE No. 1068  
JOB No. 230090  
SCALE: AS NOTED  
DATE: AS NOTED  
SHEET No. 2 OF 10



SHEET No.  
**3 OF 10**  
 DATE: AS NOTED  
 SCALE: AS NOTED  
 JOB No. 230090  
 FILE No. 1068

**SITE OVERVIEW**  
**ON THE LANDS OF**  
**TOC FACILITIES, LLC**  
**TILGHMAN, MARYLAND**

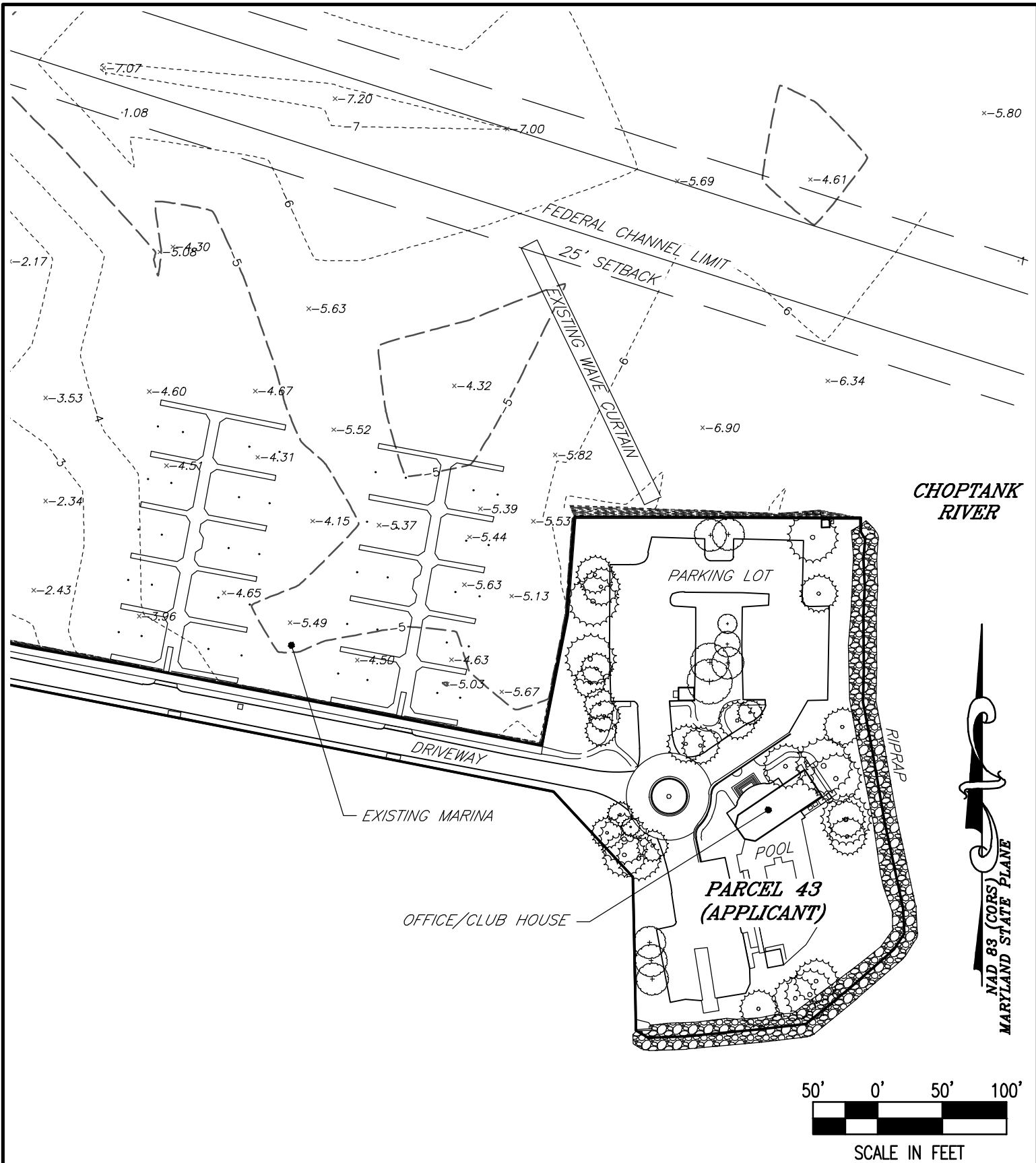
IN THE FIFTH ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 44, GRID 10, PARCEL 43

**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



**SHEET No.**

**4 OF 10**

**DATE: AS NOTED**

**SCALE: AS NOTED**

**JOB No. 230090**

**FILE No. 1068**

## EXISTING CONDITIONS

**ON THE LANDS OF**

**TOC FACILITIES, LLC**

**TILGHMAN, MARYLAND**

**IN THE FIFTH ELECTION DISTRICT, TALBOT COUNTY**

**TAX MAP 44, GRID 10, PARCEL 43**

## Lane Engineering, LLC

Established 1986

Civil Engineers • Land Planning • Land Surveyors

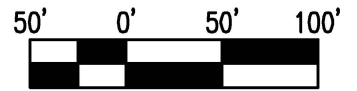


E-mail: [general@leinc.com](mailto:general@leinc.com)

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



SCALE IN FEET



LONG = W76°19'52.25"  
LAT = N38°42'35.54"

LONG = W76°19'51.44"  
LAT = N38°42'34.91"

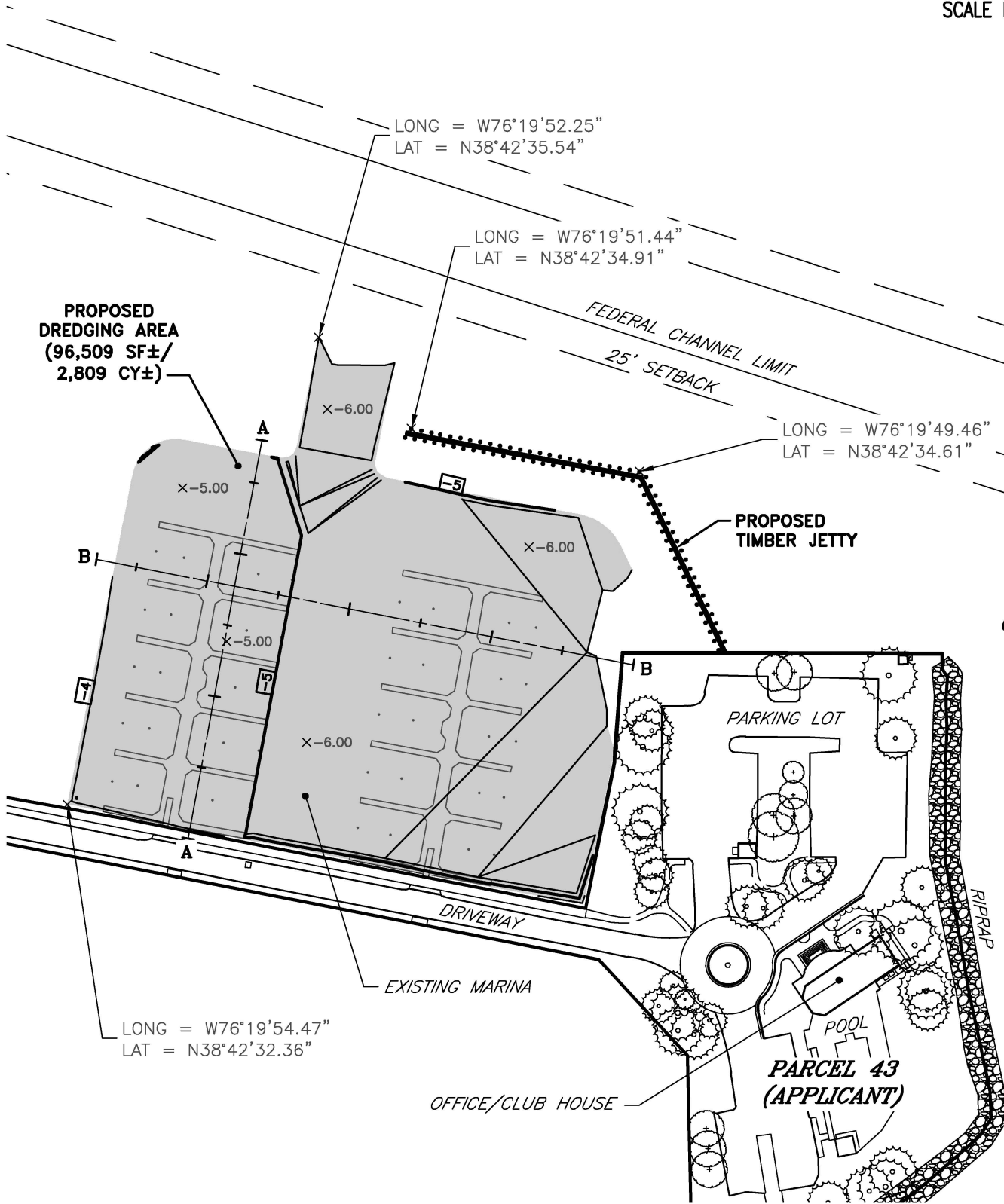
LONG = W76°19'49.46"  
LAT = N38°42'34.61"

**PROPOSED  
DREDGING AREA**  
(96,509 SF±/  
2,809 CY±)

FEDERAL CHANNEL LIMIT  
25' SETBACK

**PROPOSED  
TIMBER JETTY**

**CHOPTANK  
RIVER**



LONG = W76°19'54.47"  
LAT = N38°42'32.36"

## PROPOSED IMPROVEMENTS

**ON THE LANDS OF  
TOC FACILITIES, LLC  
TILGHMAN, MARYLAND**

**IN THE FIFTH ELECTION DISTRICT, TALBOT COUNTY  
TAX MAP 44, GRID 10, PARCEL 43**

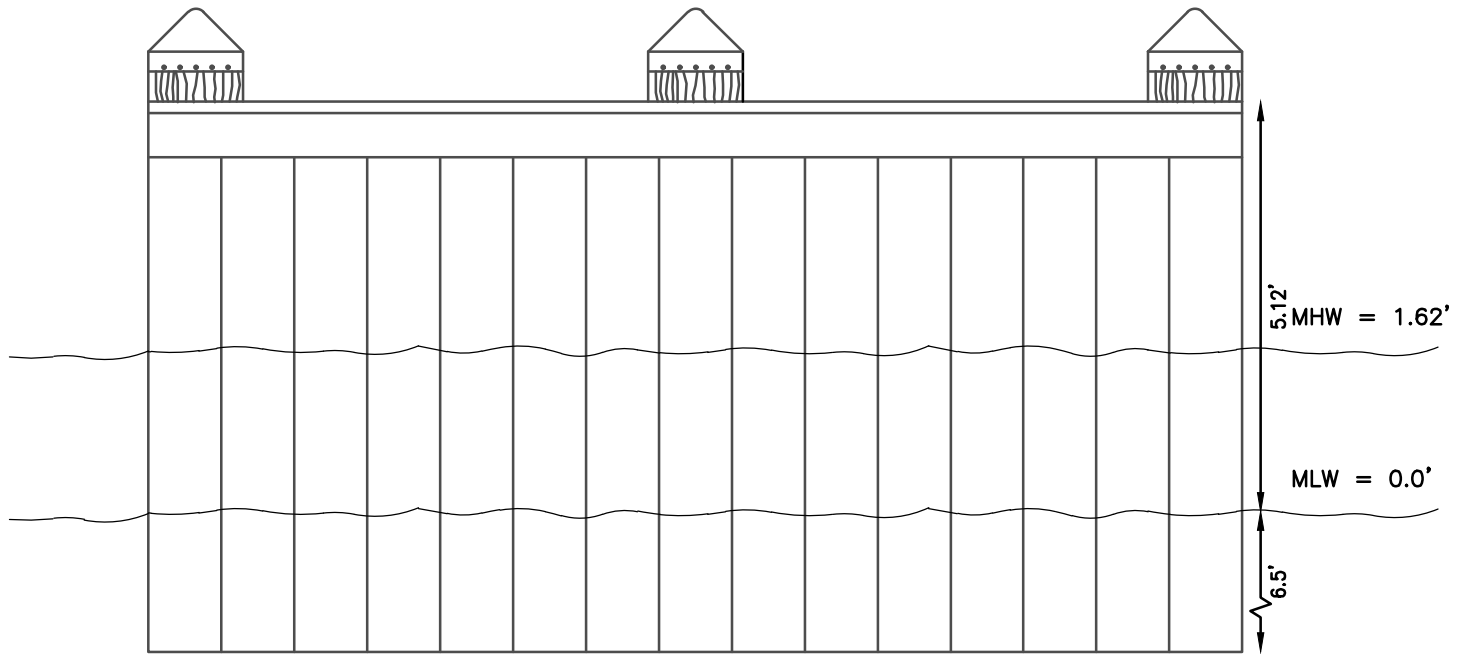
## Lane Engineering, LLC

Established 1986  
Civil Engineers • Land Planning • Land Surveyors

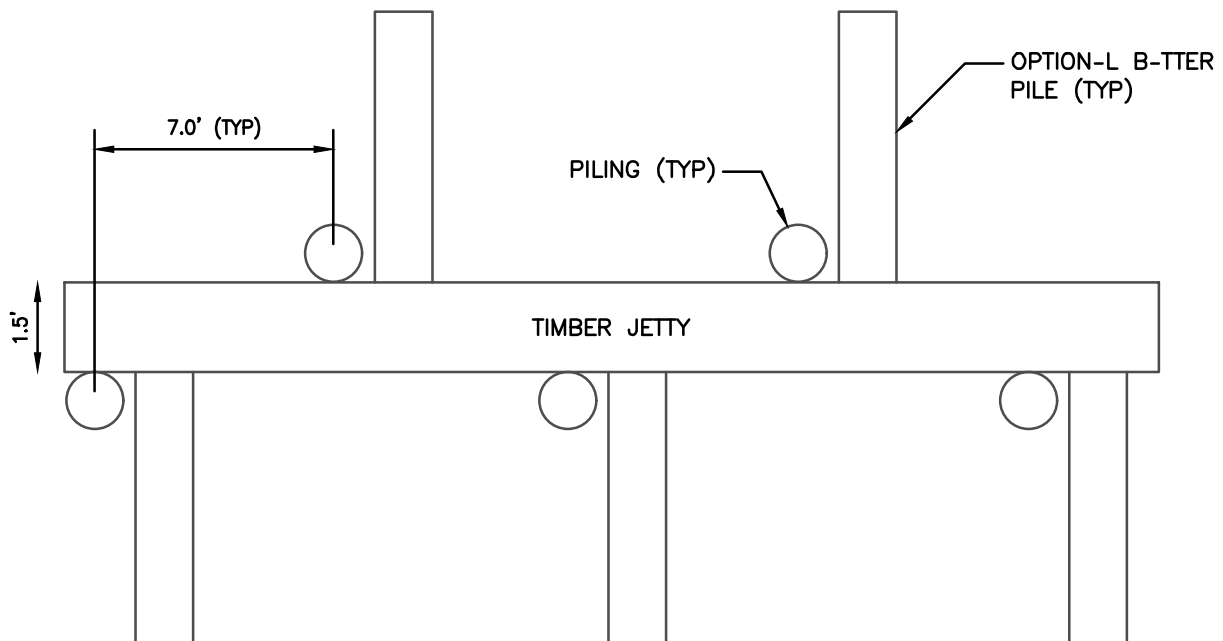


E-mail: [general@leinc.com](mailto:general@leinc.com)  
117 Bay St. Easton, MD 21601 (410) 822-8003  
15 Washington St. Cambridge, MD 21613 (410) 221-0818  
354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095

SHEET No.  
**5 OF 10**  
DATE: AS NOTED  
SCALE: AS NOTED  
JOB No. 230090  
FILE No. 1068



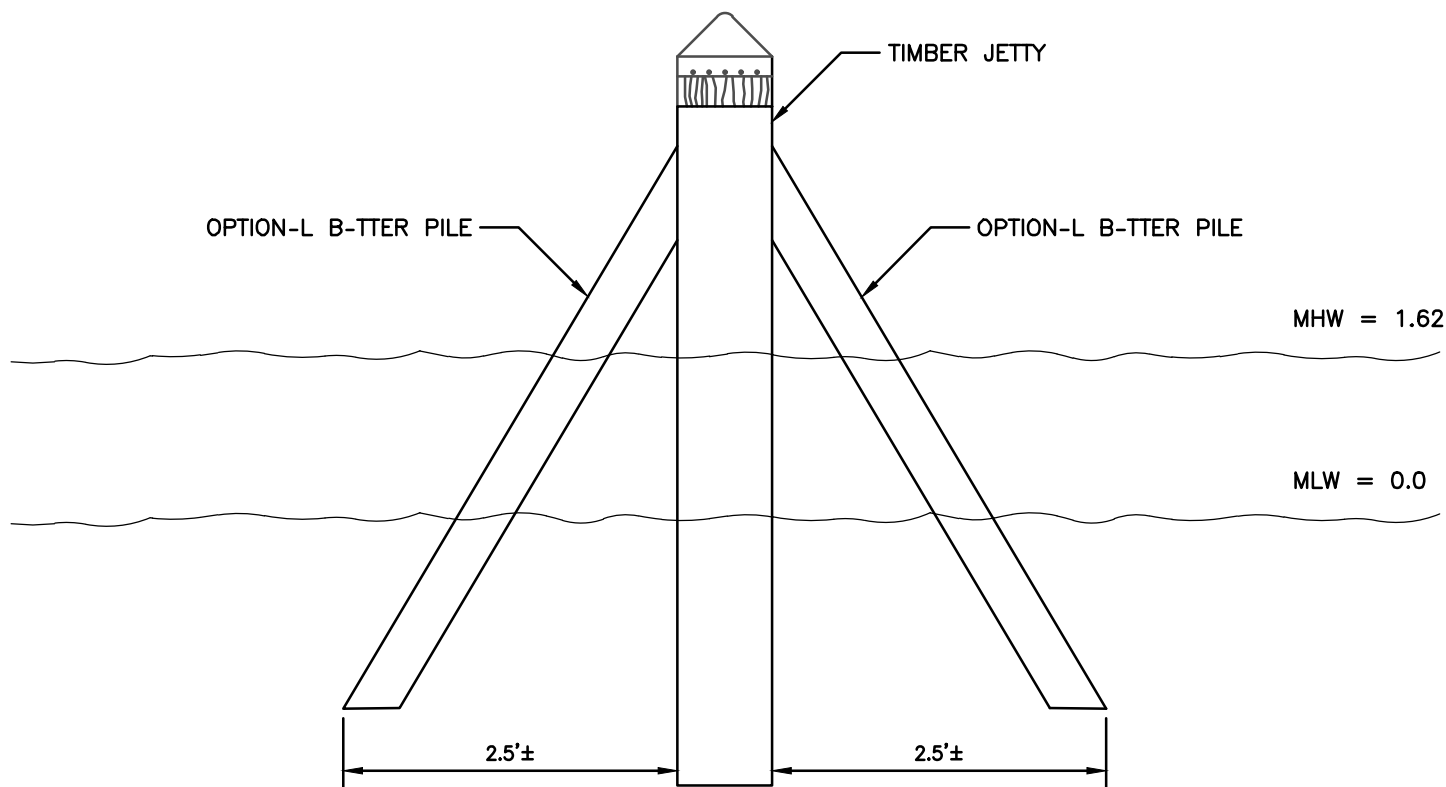
**TIMBER JETTY DETAIL**  
NOT TO SC-LE



**TIMBER JETTY DETAIL**  
NOT TO SC-LE

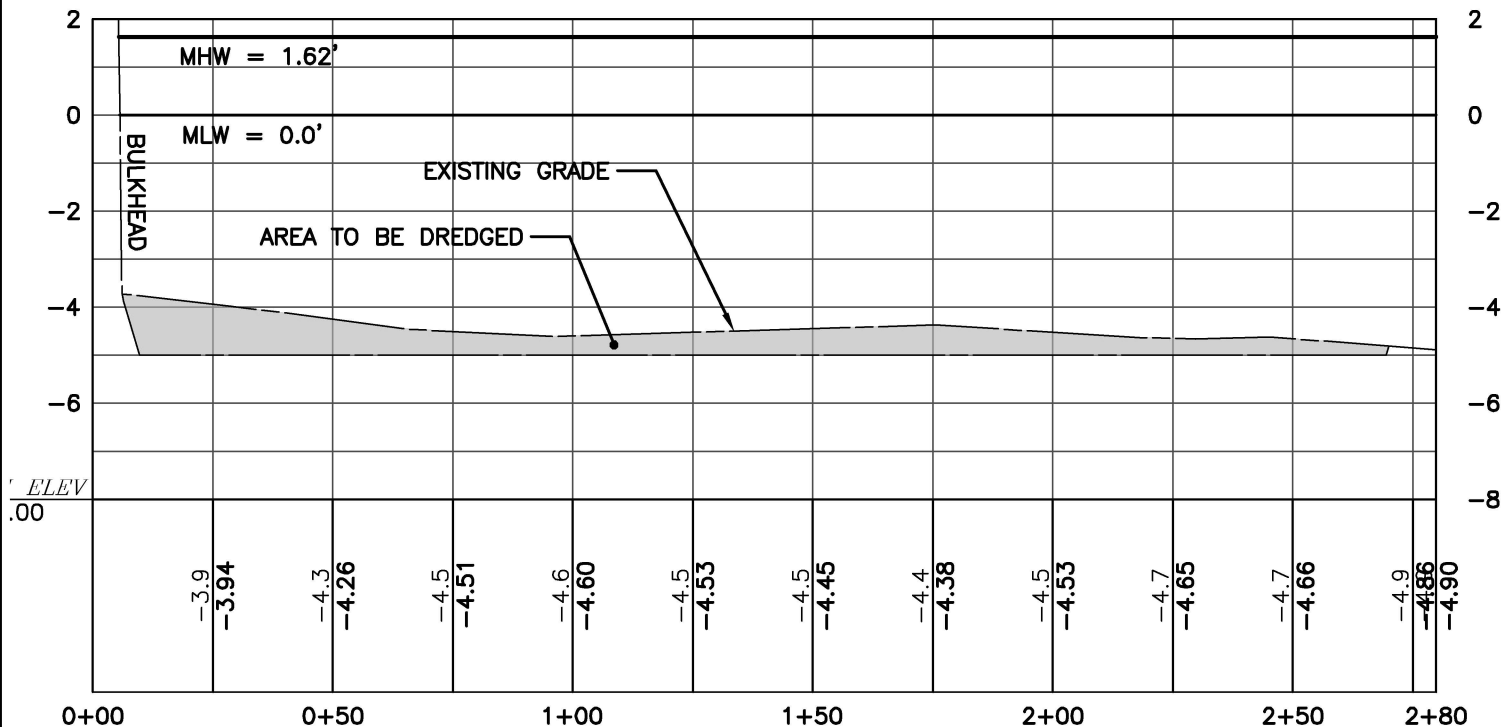
|                                                                                                                  |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>FILE No. 1068</p> <p>JOB No. 230090</p> <p>SCALE: AS NOTED</p> <p>DATE: AS NOTED</p> <p>SHEET No. 6 OF 10</p> | <p><b>DETAILS</b></p> <p><b>ON THE LANDS OF</b></p> <p><b>TOC FACILITIES, LLC</b></p> <p><b>TILGHMAN, MARYLAND</b></p> <p><b>IN THE FIFTH ELECTION DISTRICT, T-LBOT COUNTY</b></p> <p><b>T-X M-P 44, GRID 10, P-RCEL 43</b></p> | <p><b>Lane Engineering, LLC</b></p> <p>Established 1986</p> <p>Civil Engineers • Land Planning • Land Surveyors</p> <p></p> <p>E-mail: general@leinc.com</p> <p>117 Bay St. Easton, MD 21601 (410) 822-8003</p> <p>15 Washington St. Cambridge, MD 21613 (410) 221-0818</p> <p>354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095</p> <p>Date: 01/18/2024 - 8:56am User: sfreund Project Manager: DSR Drawing Path: C:\swap\cPublish_23432\HMP-PLTS-230090.dwg   Sheet6 © L-NE ENGINEERING, 2300</p> |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|





**TIMBER JETTY DETAIL**  
NOT TO SC-LE

|                                                                                                                                      |                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>FILE No. 1068</div> <div>JOB No. 230090</div> <div>SCALE: AS NOTED</div> <div>DATE: AS NOTED</div> <div>SHEET No. 7 OF 10</div> | <div>DETAILS</div> <div>ON THE LANDS OF<br/>TOC FACILITIES, LLC<br/>TILGHMAN, MARYLAND</div> <div>IN THE FIFTH ELECTION DISTRICT, T-LBOT COUNTY<br/>T-X M-P 44, GRID 10, P-RCEL 43</div> | <div>Lane Engineering, LLC</div> <div>Established 1986</div> <div>Civil Engineers • Land Planning • Land Surveyors</div> <div></div> <div>E-mail: general@leinc.com</div> <div>117 Bay St. Easton, MD 21601 (410) 822-8003</div> <div>15 Washington St. Cambridge, MD 21613 (410) 221-0818</div> <div>354 Pennsylvania -ve. Centreville, MD 21617 (410) 758-2095</div> <div>Date: 01/18/2024 - 8:56am User: sfreund Project Manager: DSR Drawing Path: C:\swap\cPublish_23432\HMP-PLTS-230090.dwg   Sheet7</div> <div>© L-NE ENGINEERING, XREF File(s): VLD-B-SE-MLW0-230090/R-R-B-SE-230090/CSP-B-SE-M-RINE-230090/CPR-SRCE-230090/GBS-B-SE-LETR-230090/CSF-B-SE-230090/CPR-SRCE-230090-Dredging/VSF-B-SE-MLW0-2300</div> |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



**SECTION A**  
 HORIZONTAL SCALE: 1" = 40'  
 VERTICAL SCALE: 1" = 4'

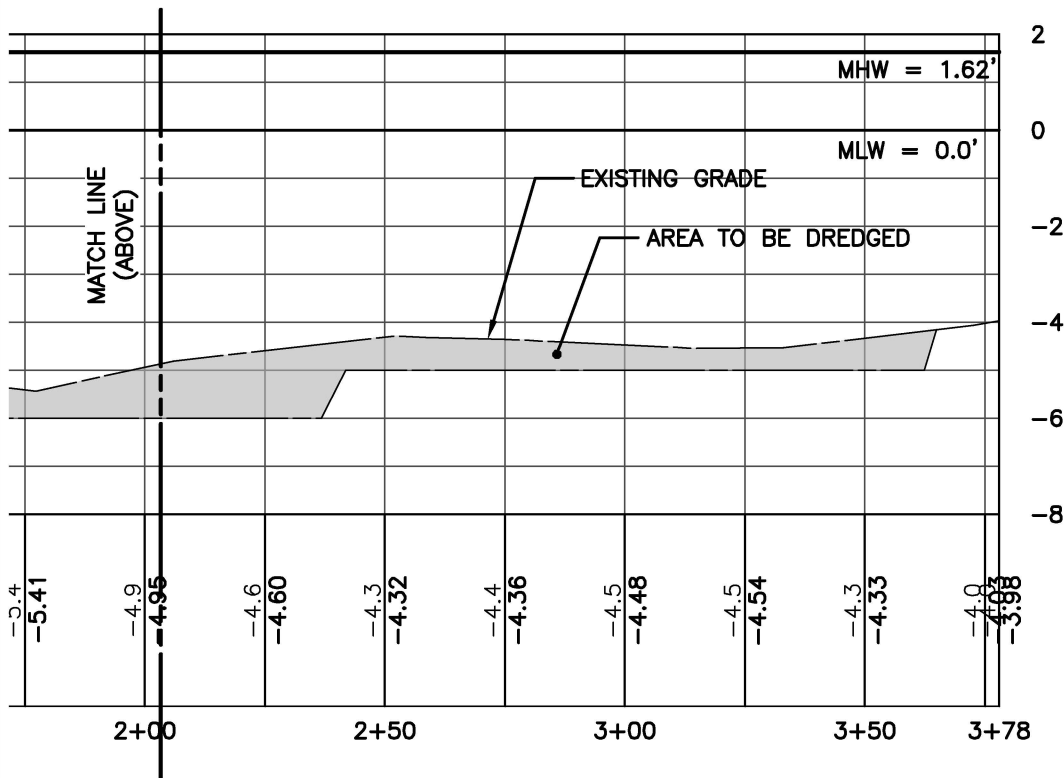
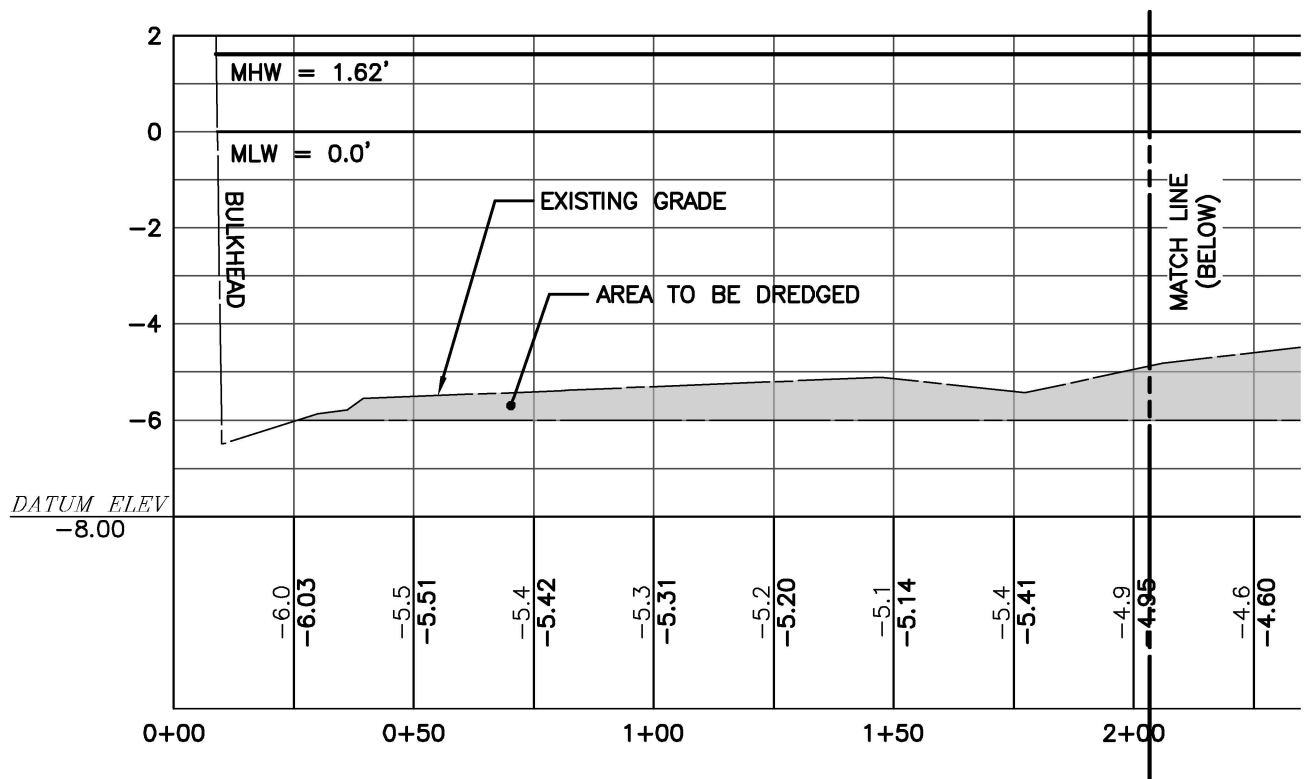
|                             |                                                                                                  |                                                                                                                                                                                                                                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHEET No.<br><b>8 OF 10</b> | <b>DETAILS</b>                                                                                   | <b>Lane Engineering, LLC</b><br>Established 1986<br>Civil Engineers • Land Planning • Land Surveyors<br><br>E-mail: general@leinc.com<br>117 Bay St. Easton, MD 21601 (410) 822-8003<br>15 Washington St. Cambridge, MD 21613 (410) 221-0818<br>354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095 |
|                             | <b>ON THE LANDS OF<br/>         TOC FACILITIES, LLC<br/>         TILGHMAN, MARYLAND</b>          |                                                                                                                                                                                                                                                                                                            |
|                             | <b>IN THE FIFTH ELECTION DISTRICT, TALBOT COUNTY<br/>         TAX MAP 44, GRID 10, PARCEL 43</b> |                                                                                                                                                                                                                                                                                                            |

Date: 01/18/2024 - 8:56am User: sfreund Project Manager: DSR  
 XREF File(s): VLD-BASE-MLWO-230090/RAR-BASE-230090/CSP-BASE-MARINE-230090/CPR-SRCE-230090/GBS-BASE-LETR-230090/CSF-BASE-230090/CPR-SRCE-230090-Dredging/VSF-BASE-MLWO-230090

Drawing Path: C:\swap\AcPublish\_23432\HMP-PLTS-230090.dwg | Sheet 8

© LANE ENGINEERING,





### SECTION B

HORIZONTAL SCALE: 1" = 40'

VERTICAL SCALE: 1" = 4'

### DETAILS

ON THE LANDS OF  
TOC FACILITIES, LLC  
TILGHMAN, MARYLAND

IN THE FIFTH ELECTION DISTRICT, TALBOT COUNTY  
TAX MAP 44, GRID 10, PARCEL 43

### 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

SHEET No.  
**9 OF 10**

DATE: AS NOTED

SCALE: AS NOTED

JOB No. 230090

FILE No. 1068



# **VICINITY MAP** **SCALE: 1" = 1,000'**

**DOGWOOD FARM**  
**TAX MAP 38, GRID 10, PARCEL 9**  
**21455 DONNELL JONES ROAD**  
**SHERWOOD, MD 21665**

## **DREDGE MATERIAL PLACEMENT SITE**

**ON THE LANDS OF**  
**TOC FACILITIES, LLC**  
**TILGHMAN, MARYLAND**

**IN THE FIFTH ELECTION DISTRICT, TALBOT COUNTY**  
**TAX MAP 44, GRID 10, PARCEL 43**

## **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

**SHEET No.**  
**10 OF 10**  
**DATE: AS NOTED**  
**SCALE: AS NOTED**  
**JOB No. 230090**  
**FILE No. 1068**