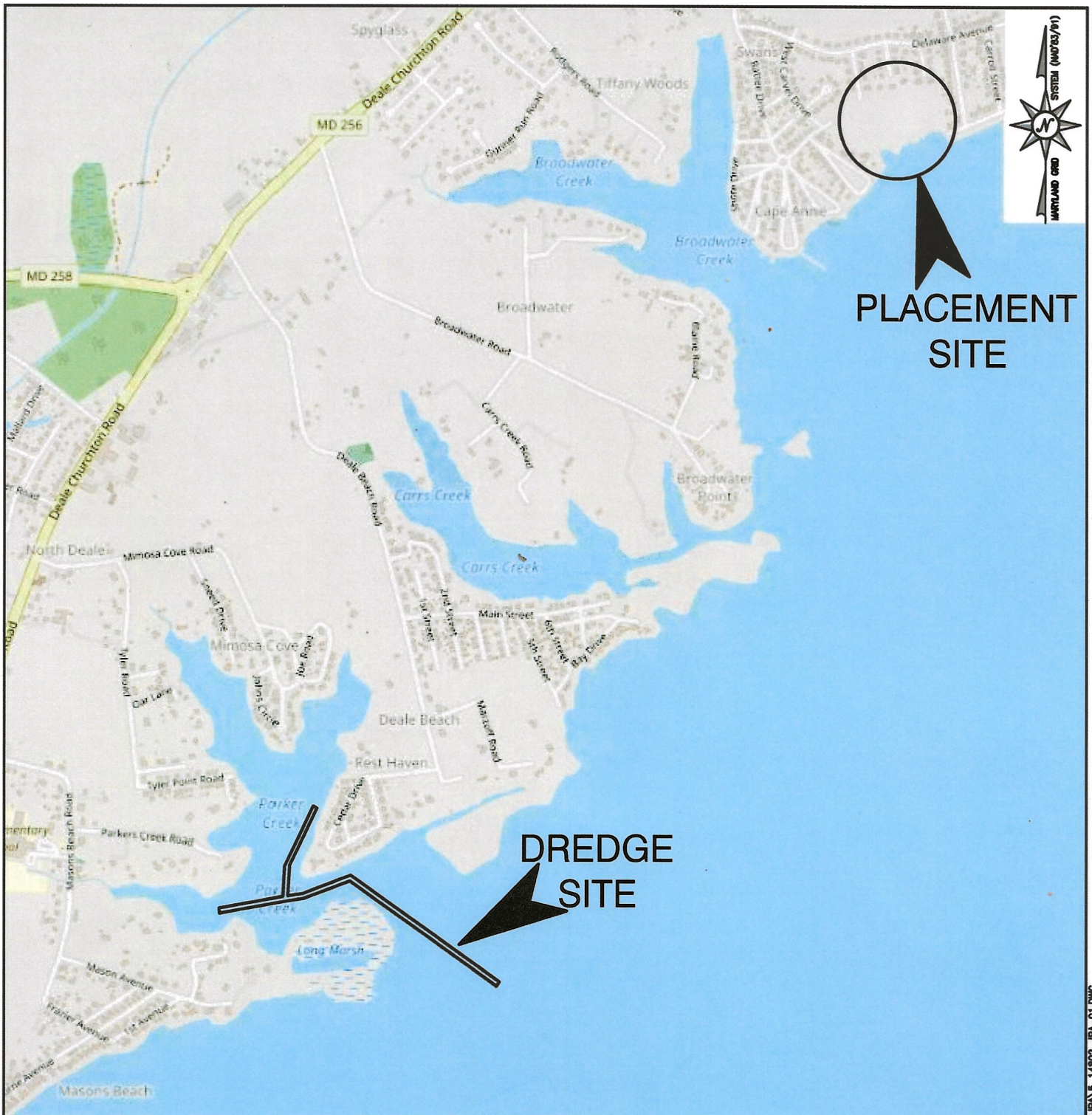




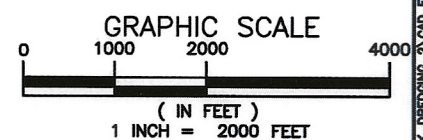
**PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY**

25-WL-0136
202560199
4/8/2025
Sheet 1 of 15

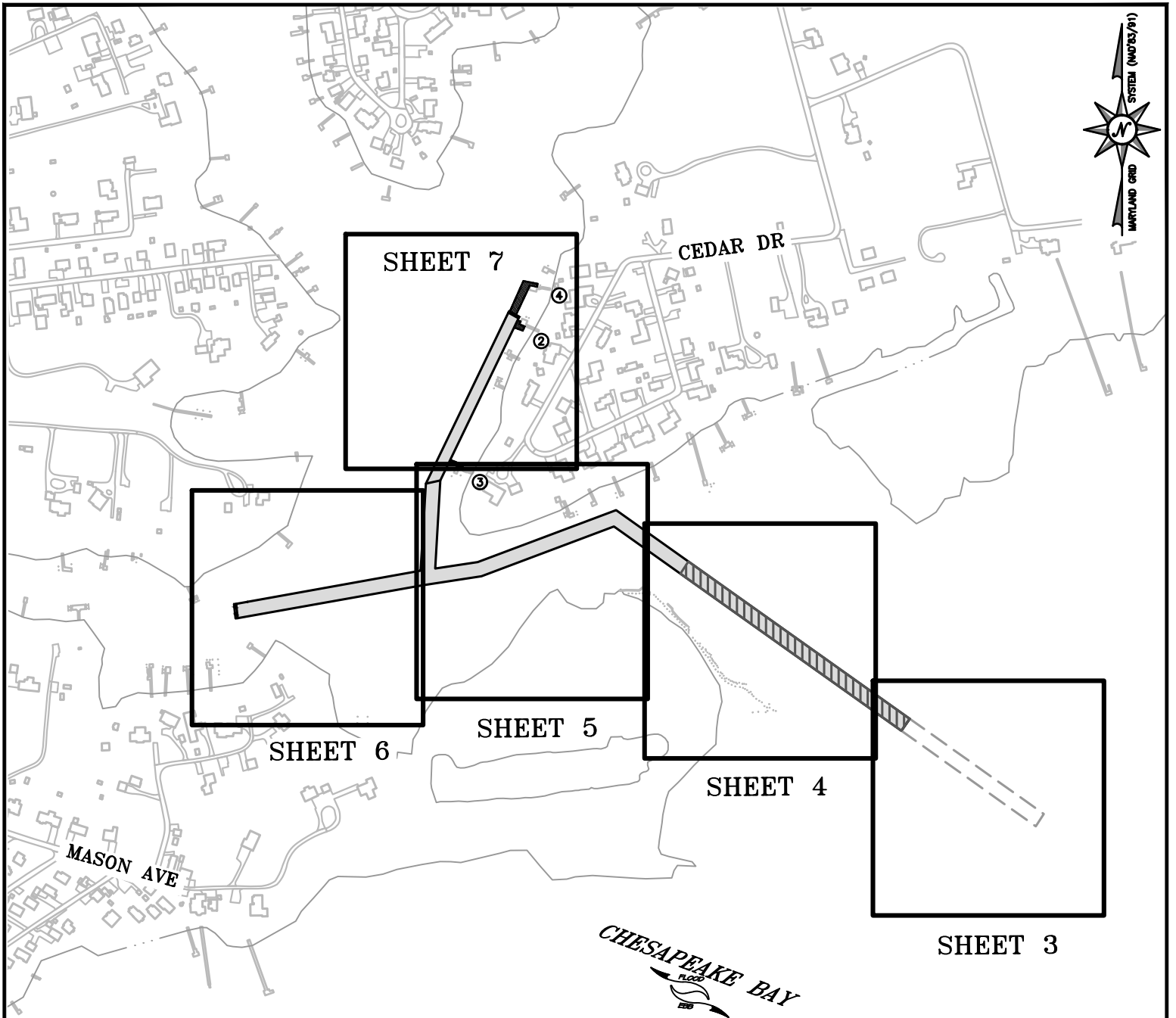
APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

VICINITY MAP

DATE: FEBRUARY 2025 SHEET 1 OF 12



Kayland
Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.kaylandinc.com



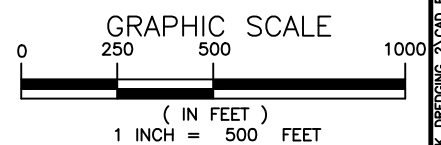
25-WL-0136
202560199
4/8/2025
Sheet 2 of 15

PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

KEY SHEET

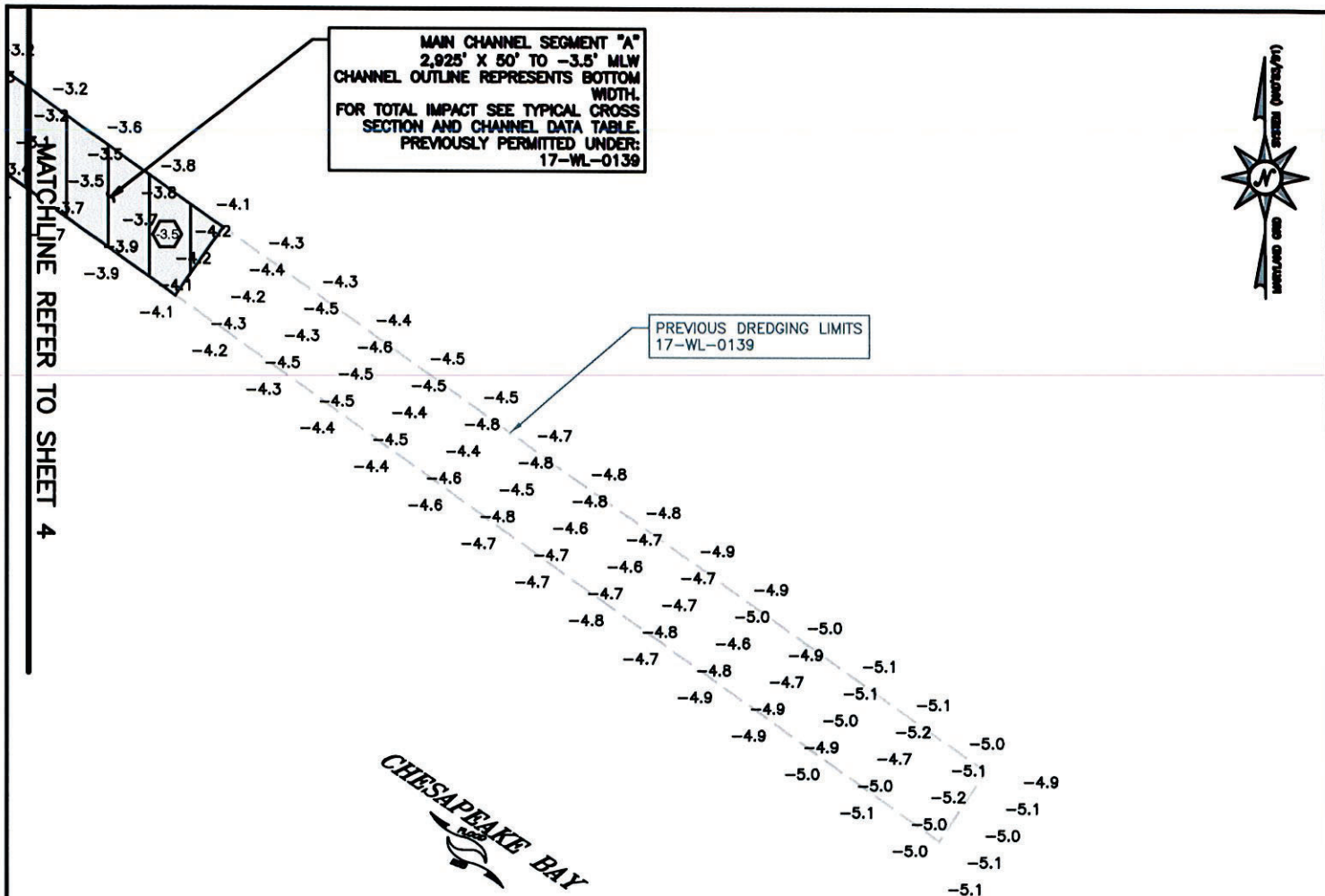
DATE: FEBRUARY 2025 SHEET 2 OF 12



Consultants & Designers, Inc.

"Integrating Engineering and Environment"

7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com



25-WL-0136
202560199
4/8/2025
Sheet 3 of 15

**PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY**

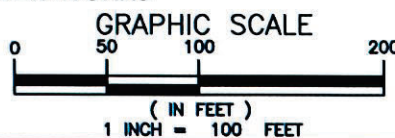
APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

CHANNEL PLANS

DATE: FEBRUARY 2025 SHEET 3 OF 12

SAV LEGEND	
	COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2024
SPRING SURVEY DATE: MAY 9, 2024	
SUMMER SURVEY DATE: JULY 17, 2024	

LEGEND	
	PREVIOUSLY DREDGED CHANNEL
	PROPOSED COUNTY CHANNEL
-3.6	SOUNDINGS
	PROPOSED CHANNEL DEPTH
	EXISTING SHORELINE
	APPROX. PROPERTY LINES
	EXISTING BOAT LIFT
	EXISTING PILING
	500 YARD OYSTER LIMIT

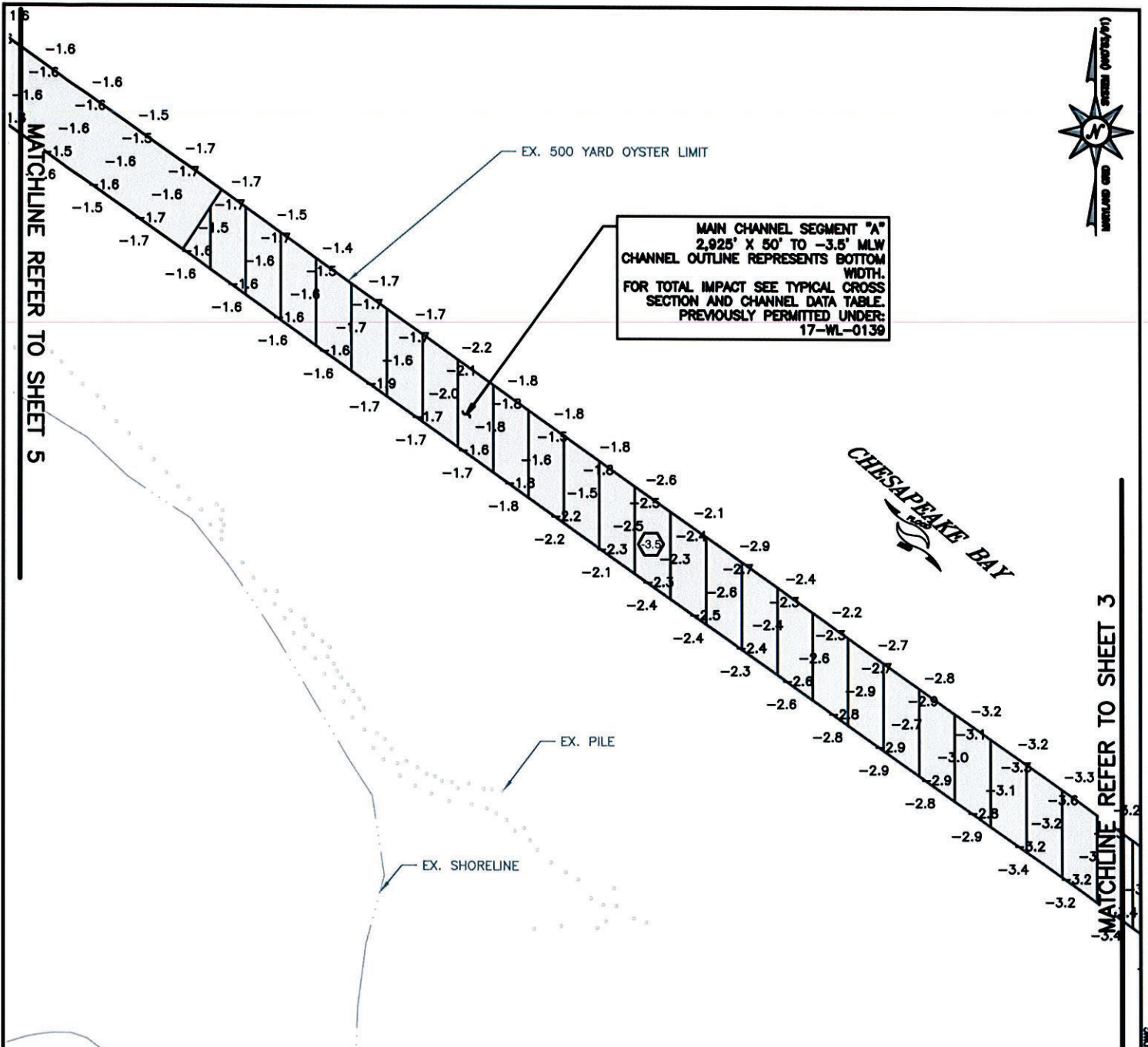


NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2023 PLANIMETRICS AND 2020 IMAGERY.

BayLand
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

Z:\14602 PARKER CREEK DREDGING\CAO FILES\SHEET FILES\UPA\14602_UPA_03.DWG

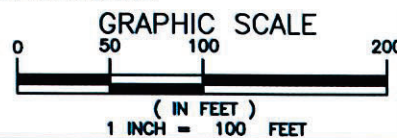


PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

CHANNEL PLANS

DATE: FEBRUARY 2025 SHEET 4 OF 12

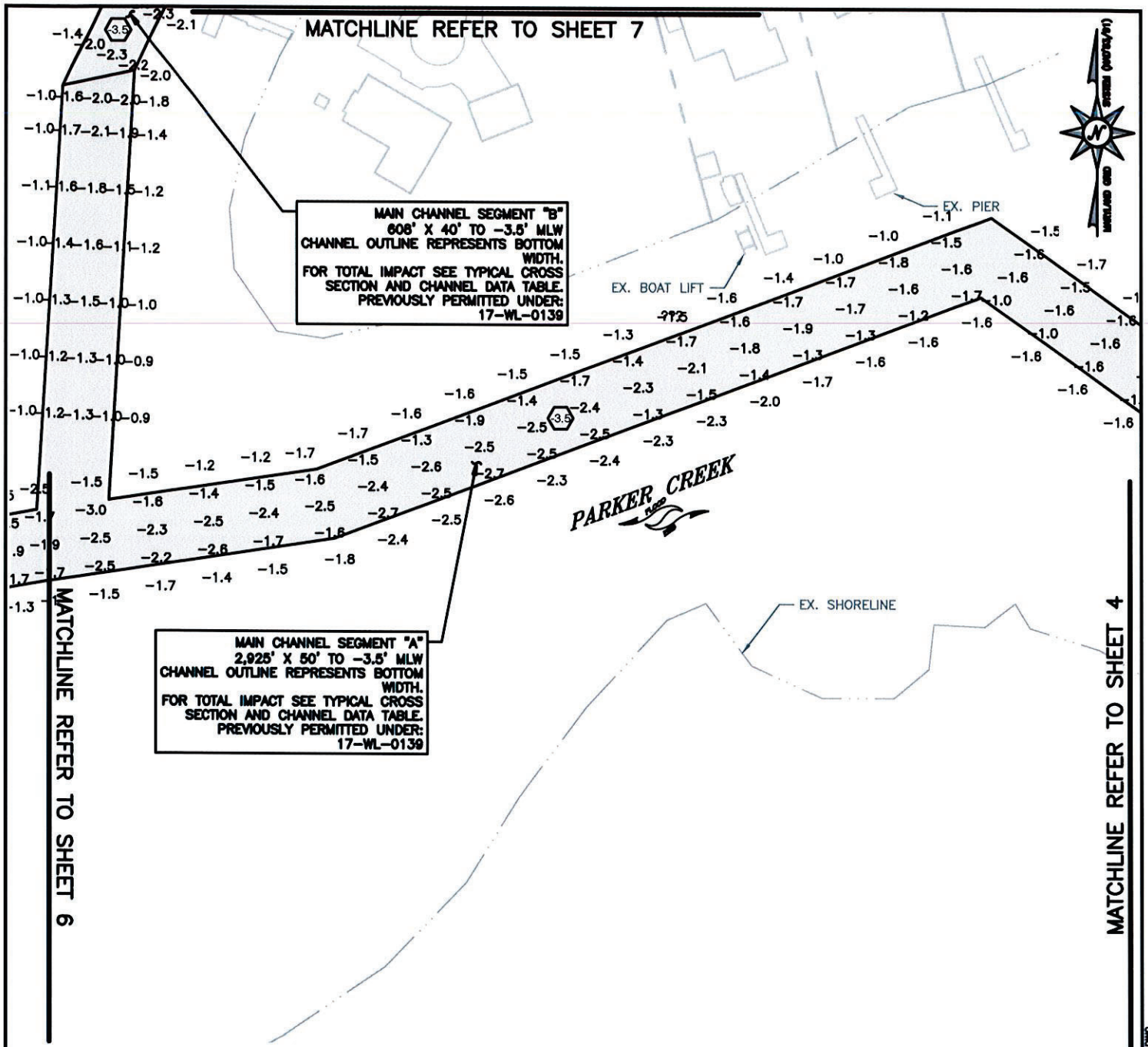


NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2023 PLANIMETRICS AND 2020 IMAGERY.

Bay and
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

Z:\14602_PARKER_CREEK_DREDGING\3\CAD FILES\SHEET FILES\14602_JPA_04.DWG



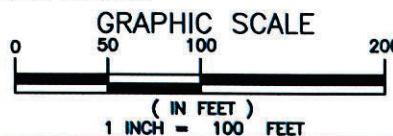
25-WL-0136
 202560199
 4/8/2025
 Sheet 5 of 15

**PARKER CREEK MAINTENANCE
 DREDGING
 AT
 ANNE ARUNDEL
 COUNTY**

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

CHANNEL PLANS

DATE: FEBRUARY 2025 SHEET 5 OF 12



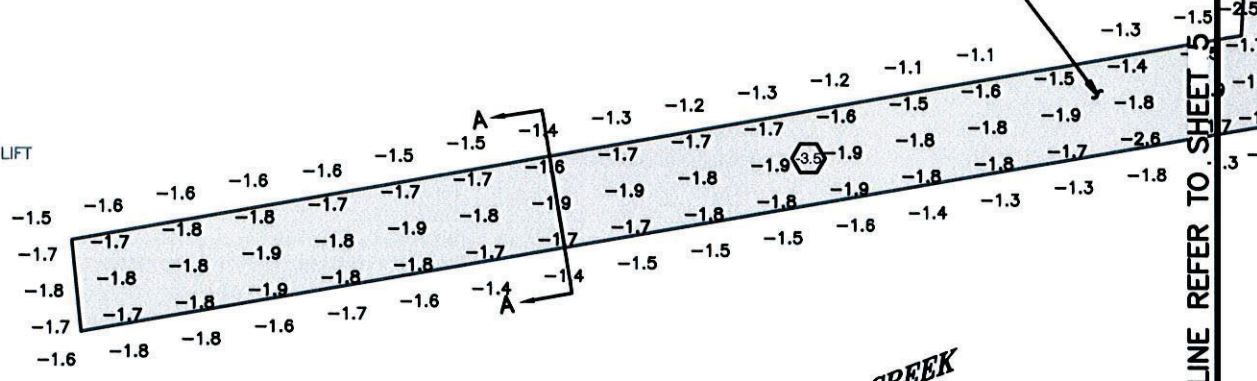
NOTE:
 BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
 2023 PLANIMETRICS AND 2020 IMAGERY.

BayLand
 Consultants & Designers, Inc.
 "Integrating Engineering and Environment"

7455 New Ridge Road, Suite T Phone: (410) 694-9401
 Hanover, Maryland 21076 Fax: (410) 694-9405
 www.baylandinc.com



MAIN CHANNEL SEGMENT "A"
2,925' X 50' TO -3.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM
WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
17-WL-0139



MATCHLINE REFER TO SHEET 5



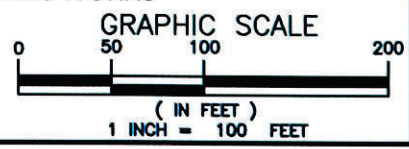
PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY

25-WL-0136
202560199
4/8/2025
Sheet 6 of 15

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

CHANNEL PLANS

DATE: FEBRUARY 2025 SHEET 6 OF 12



NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2023 PLANIMETRICS AND 2020 IMAGERY.

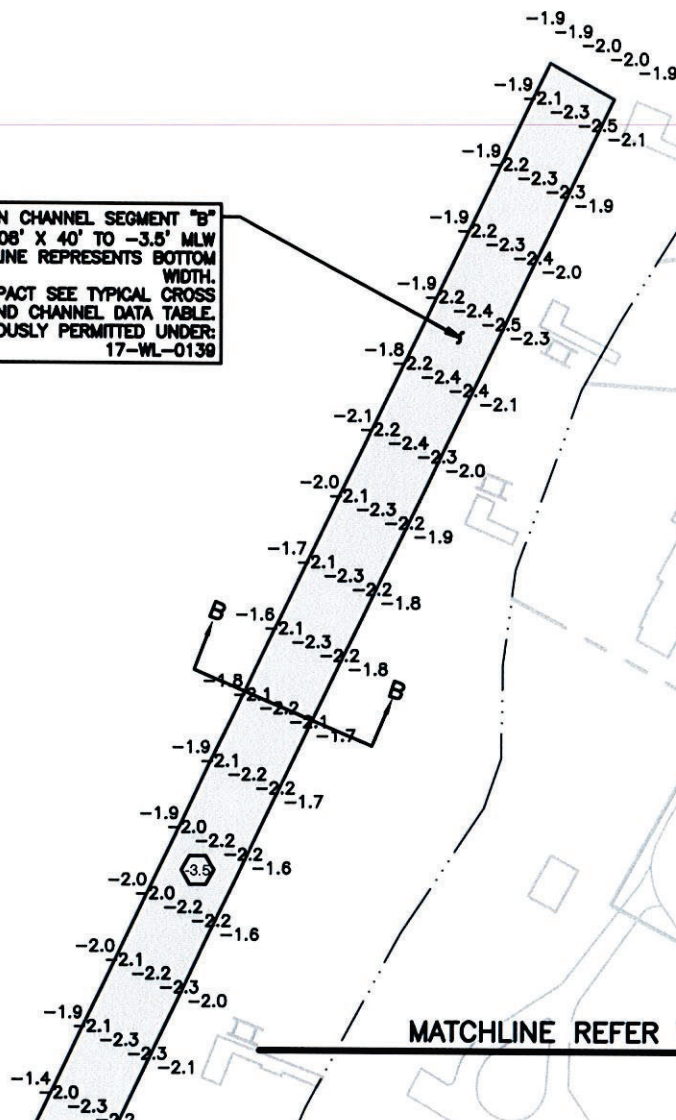
BayLand
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

Z:\A\14802-PARKER_CREEK_DREDGING\2\CAD FILES\SHEET FILES\UPA\14802_UPA_06.DWG

PARKER CREEK

MAIN CHANNEL SEGMENT "B"
606' X 40' TO -3.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM
WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
17-WL-0139



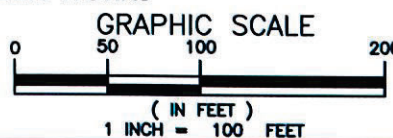
**PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY**

25-WL-0136
202560199
4/8/2025
Sheet 7 of 15

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

CHANNEL PLANS

DATE: FEBRUARY 2025 SHEET 7 OF 12

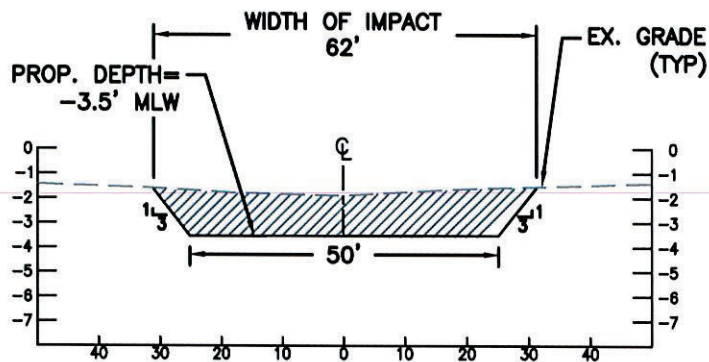


NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2023 PLANIMETRICS AND 2020 IMAGERY.

Bayland
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

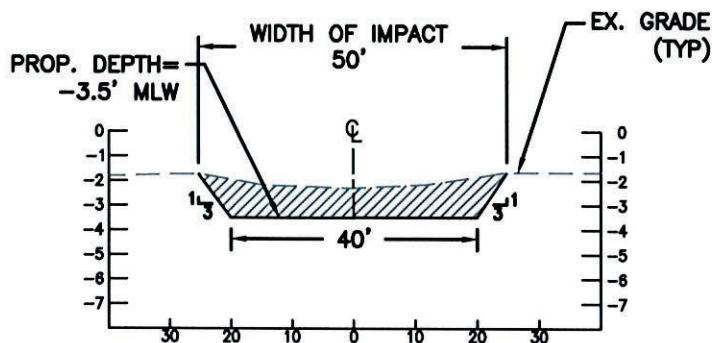
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

2:\B_14602_PARKER_CREEK_DREDGING_2\G00 FILES\SHEET FILES\B_14602_BPA_07.DWG



SECTION A-A

SCALE: NTS



SECTION B-B

SCALE: NTS

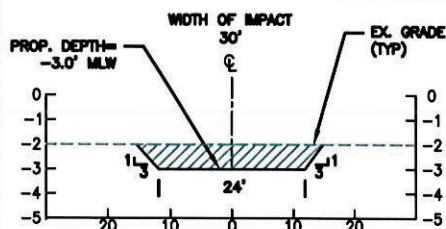
PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY

25-WL-0136
202560199
4/8/2025
Sheet 8 of 15

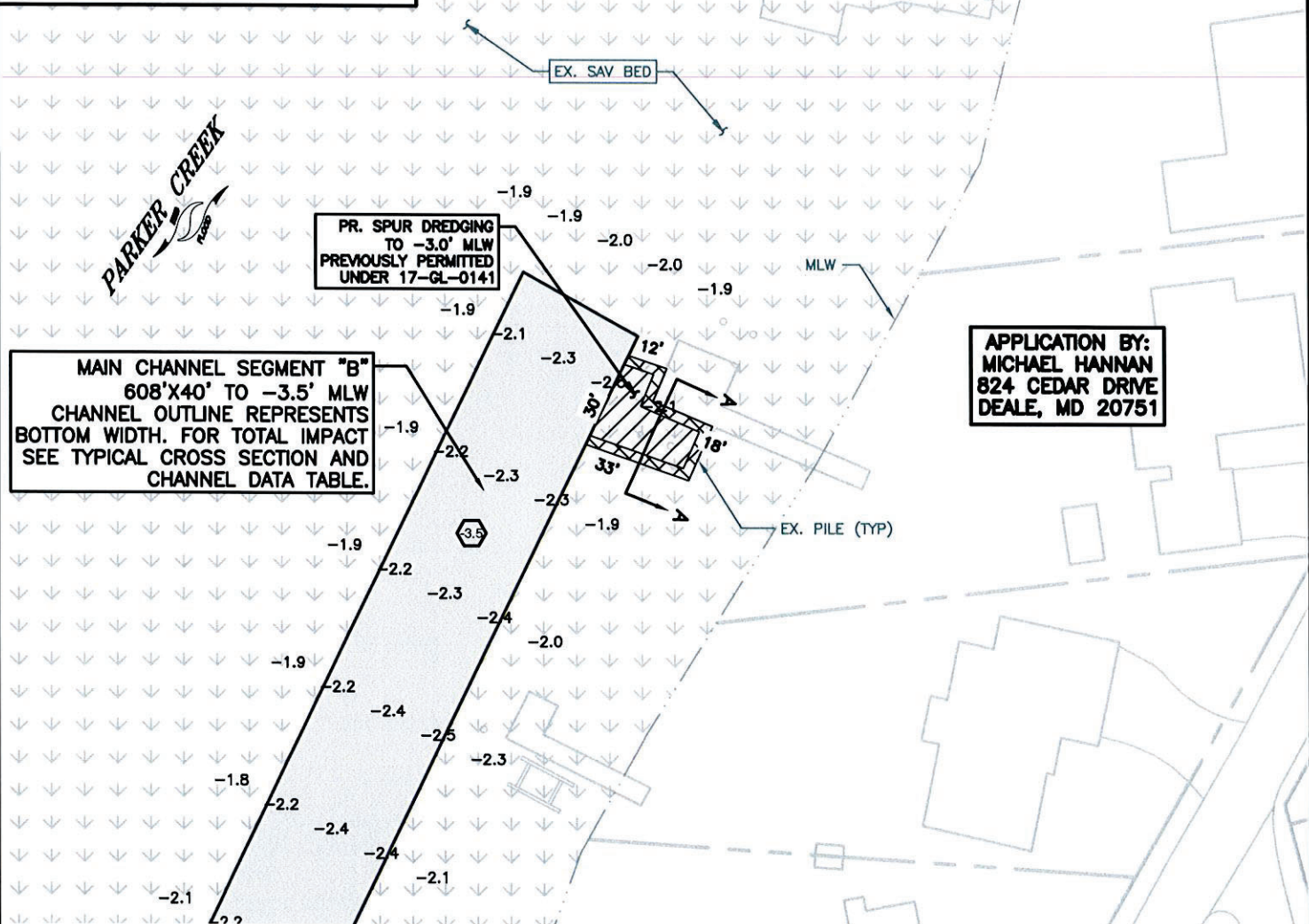
APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

CHANNEL DETAILS

DATE: FEBRUARY 2025 SHEET 8 OF 12



SECTION A-A
SCALE: NTS



APPLICATION BY:
MICHAEL HANNAN
824 CEDAR DRIVE
DEALE, MD 20751

SPUR DATA

AREA = 742 SF
VOLUME = 29 CY
2024 SAV IMPACT = 742 SF

LEGEND

- 1.0 EXISTING DEPTH
- EXISTING PILING
- PROPOSED PILING



- BOTTOM CUT AREA
- SIDE SLOPE AREA

SAV LEGEND

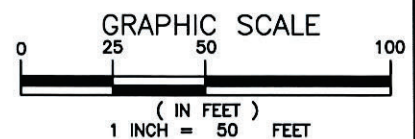
- COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2024

SPRING SURVEY DATE: JUNE 24, 2024
SUMMER SURVEY DATES: AUGUST 19, 2024

25-WL-0136
202560199
4/8/2025
Sheet 9 of 15

NOTES:

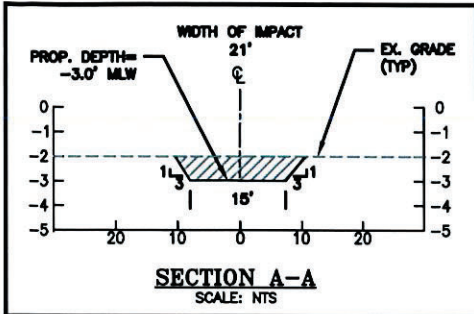
1. TIDAL RANGE IS 0.97 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE BENEFICIALLY REUSED OR PLACED AT A COUNTY APPROVED DMP SITE.
4. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.
5. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2023 PLANIMETRICS AND 2020 IMAGERY.



Bayland
Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

PARKER CREEK SPURS
SPUR 2
MICHAEL HANNAN
824 CEDAR DRIVE
DEALE, MD 20751
FEBRUARY 2025

Z:\5_14802_PARKER_CREEK_DREDGING\CAD FILES\SHEET FILES\PA\SURFS\5_14802_SPUR_01.DWG



PARKER CREEK

MAIN CHANNEL SEGMENT "B"
608'X40' TO -3.5' MLW
CHANNEL OUTLINE REPRESENTS
BOTTOM WIDTH. FOR TOTAL IMPACT
SEE TYPICAL CROSS SECTION AND
CHANNEL DATA TABLE.

**PR. SPUR DREDGING
TO -3.0' MLW
PREVIOUSLY PERMITTED
UNDER 17-GL-0140**

EX. BOAT LIFT (TYP)

**APPLICATION BY:
PEGGY HELLER
800 CEDAR DRIVE
DEALE, MD 20751**

EX. SAV BED

EX. PILE (TYP)

MLW

SPUR DATA

AREA = 766 SF
VOLUME = 30 CY
2024 SAV IMPACT = 766 SF

SAV LEGEND

COMPOSITE SAV BED FROM SPRING
AND SUMMER SAV SURVEY 2024
SPRING SURVEY DATE: JUNE 24, 2024
SUMMER SURVEY DATES: AUGUST 19, 2024

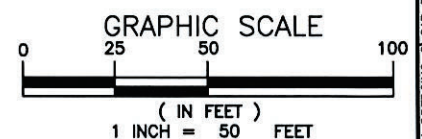
LEGEND

- | | |
|---------------------|-----------------|
| -1.0 EXISTING DEPTH | BOTTOM CUT AREA |
| ○ EXISTING PILING | SIDE SLOPE AREA |
| ● PROPOSED PILING | |

NOTES:

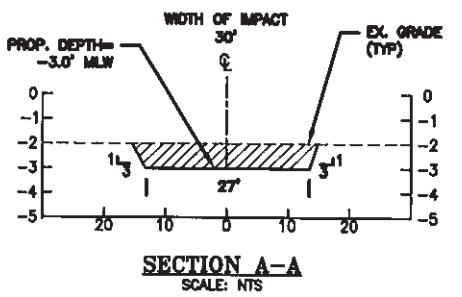
1. TIDAL RANGE IS 0.97 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE BENEFICIALLY REUSED OR PLACED AT A COUNTY APPROVED DMP SITE.
4. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.
5. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2023 PLANIMETRICS AND 2020 IMAGERY.

25-WL-0136
202560199
4/8/2025
Sheet 10 of 15



BayLand
Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

**PARKER CREEK SPURS
SPUR 3
PEGGY HELLER
800 CEDAR DRIVE
DEALE, MD 20751
FEBRUARY 2025**



PR. SPUR DREDGING
TO -3.0' MLW
PREVIOUSLY PERMITTED
UNDER 17-WL-0144

EX. BOAT LIFT (TYP)
EX. PILE (TYP)

APPLICATION BY:
ALVIN LEACH
EDDY LEACH-SHIFFLETT
830 CEDAR DRIVE
DEALE, MD 20751

MAIN CHANNEL SEGMENT "B"
608'X40' TO -3.5' MLW
CHANNEL OUTLINE REPRESENTS
BOTTOM WIDTH. FOR TOTAL IMPACT
SEE TYPICAL CROSS SECTION AND
CHANNEL DATA TABLE.

SPUR DATA

AREA = 4,249 SF
VOLUME = 160 CY
2024 SAV IMPACT = 4,249 SF

LEGEND

-1.0 EXISTING DEPTH
○ EXISTING PILING
● PROPOSED PILING

▨ BOTTOM CUT AREA
▩ SIDE SLOPE AREA

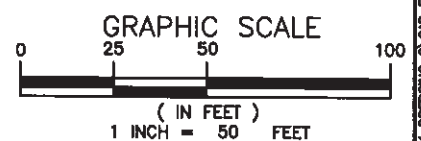
SAV LEGEND

○ COMPOSITE SAV BED FROM SPRING
AND SUMMER SAV SURVEY 2024

SPRING SURVEY DATE: JUNE 24, 2024
SUMMER SURVEY DATES: AUGUST 19, 2024

NOTES:

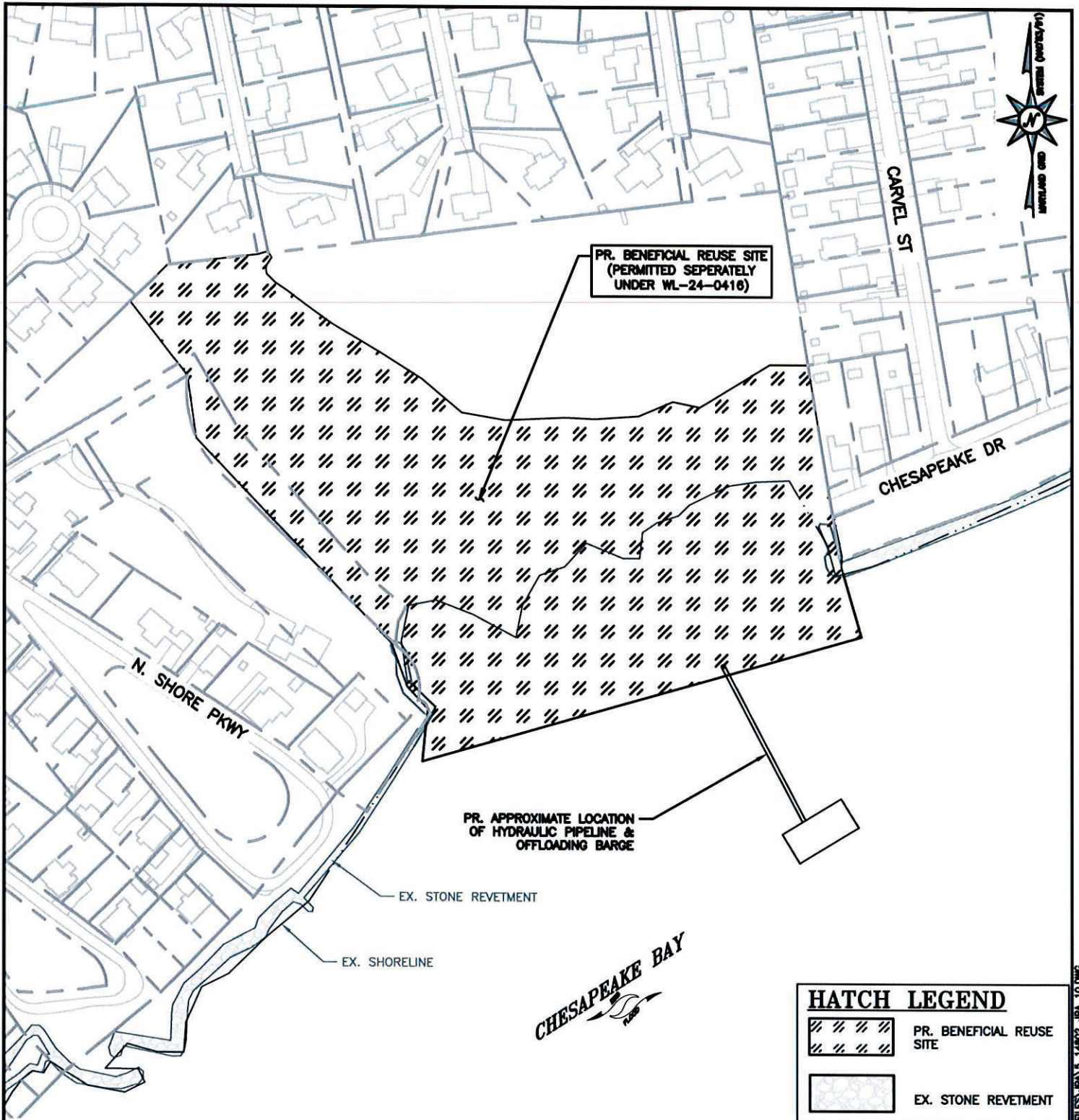
1. TIDAL RANGE IS 0.97 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE BENEFICIALLY REUSED OR PLACED AT A COUNTY APPROVED DMP SITE.
4. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.
5. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2023 PLANIMETRICS AND 2020 IMAGERY.



Bayland
Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

PARKER CREEK SPURS
SPUR 4
ALVIN LEACH & EDDY LEACH-SHIFFLETT
830 CEDAR DRIVE
DEALE, MD 20751
FEBRUARY 2025

Z:\14002 PARKER_CREEK_DREDGING\2\CAD FILES\SHEET FILES\SPA SPURS\3_14002_SPUR_04.DWG



HATCH LEGEND	
	PR. BENEFICIAL REUSE SITE
	EX. STONE REVETMENT

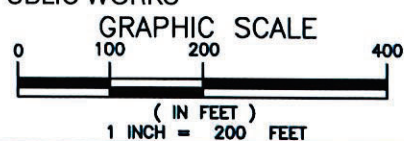
PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY

25-WL-0136
202560199
4/8/2025
Sheet 12 of 15

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

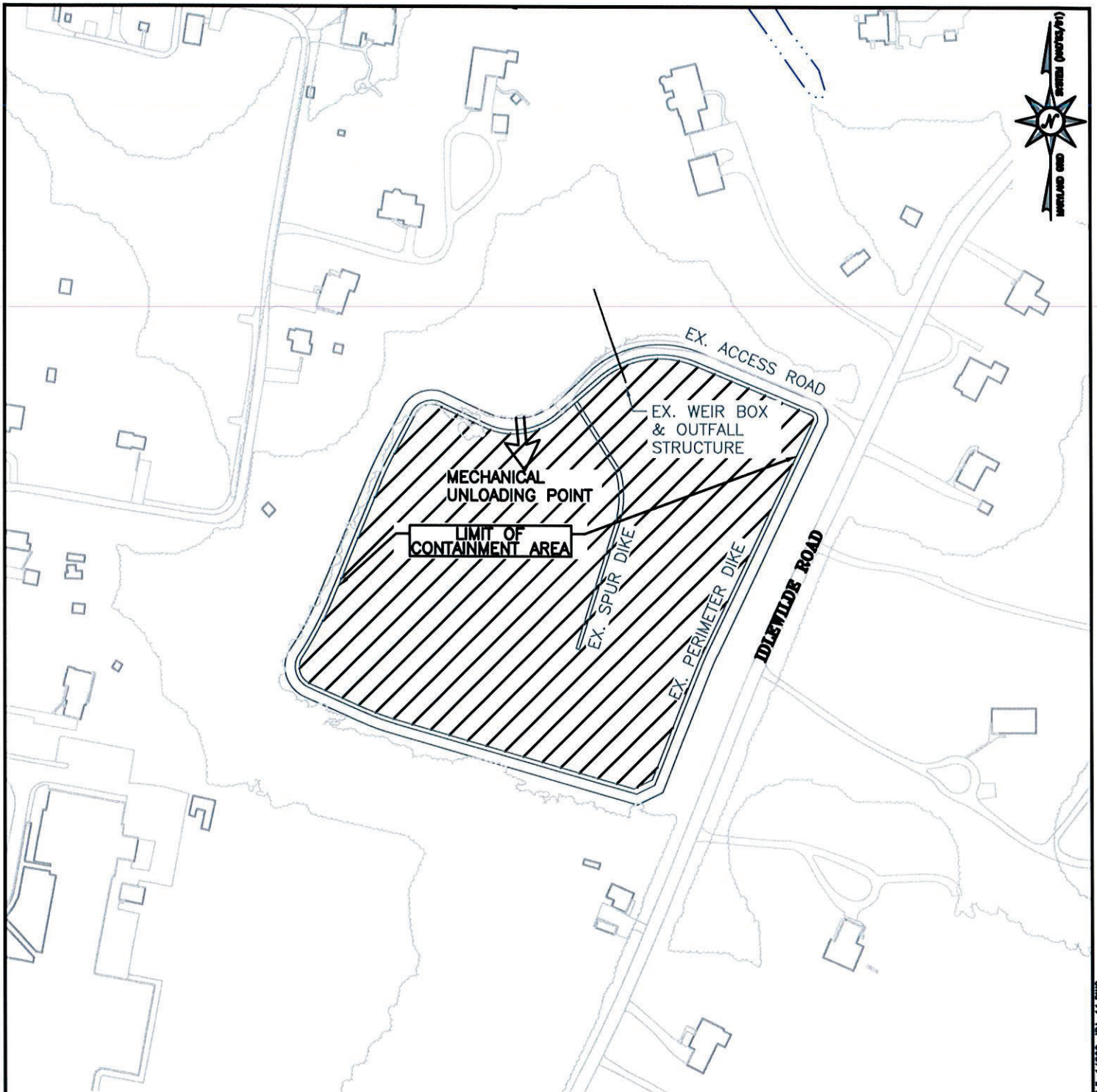
BENEFICIAL REUSE SITE

DATE: FEBRUARY 2025 SHEET 9 OF 12



BayLand
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com



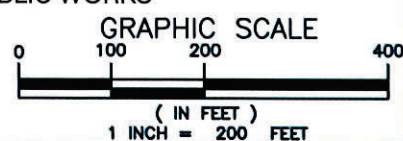
PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY

25-WL-0136
202560199
4/8/2025
Sheet 13 of 15

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

IDLEWILDE DMP SITE

DATE: FEBRUARY 2025 SHEET 10 OF 12



NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2023 PLANIMETRICS AND 2020 IMAGERY.

Bay and
Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.bayandinc.com

Z:\14602 PARKER CREEK DREDGING\2\CAD FILES\SHEET FILES\14602_DPA_11.DWG



MECHANICAL
UNLOADING POINT

LIMIT OF CONTAINMENT AREA

EX. PERIMETER DIKE

EX. WEIR BOX AND
OUTFALL STRUCTURE
TO BE MAINTAINED

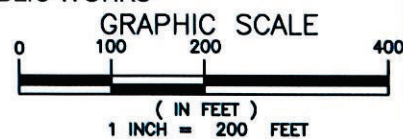
PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY

25-WL-0136
202560199
4/8/2025
Sheet 14 of 15

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

SOUTH COUNTY DMP SITE

DATE: FEBRUARY 2025 SHEET 11 OF 12



NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2023 PLANIMETRICS AND 2020 BATTERY.

Bayland
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

Z:\14602 PARKER_CREEK_DREDGING_2\CAD FILES\SHEET FILES\JPA\14602_JPA_12.DWG

CHANNEL DETAILS				
SEGMENT	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (CY)
A	2,925	50	-3.5	7,711
B	608	40	-3.5	1,342
TOTAL MAIN CHANNEL LENGTH				3,533 LF
TOTAL MAIN CHANNEL VOLUME				9,053 CY
TOTAL MAIN CHANNEL AREA OF IMPACT				233,368 SF = 5.36 AC
TOTAL NEW AREA OF DREDGING				0 SF = 0.0 AC
TOTAL MAIN CHANNEL AREA OF IMPACT TO 2023 SAV				0 SF = 0.0 AC

- NOTES:
1. BASEMAP COMPILED FROM ANNE ARUNDEL COUNTY 2023 PLANIMETRICS AND 2020 IMAGERY.
 2. TIDAL RANGE IS 0.97 FEET.
 3. BATHYMETRY FROM BAYLAND SURVEY DATED NOVEMBER 11, 2024. COMPOSITE SAV BED FROM BAYLAND SPRING AND SUMMER SURVEYS DATED MAY 9, 2024 AND JULY 17, 2024.
 4. SOUNDINGS ARE IN FEET AND REFER TO MLW.
 5. THE PARKER CREEK CHANNEL PROPOSED FOR MAINTENANCE DREDGING WAS PREVIOUSLY PERMITTED UNDER MDE PERMIT 17-WL-0139 / USACE PERMIT NAB-2017-60213-M18
 6. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.

PARKER CREEK MAINTENANCE
DREDGING
AT
ANNE ARUNDEL
COUNTY

25-WL-0136
202560199
4/8/2025
Sheet 15 of 15

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

CHANNEL DETAILS

DATE: FEBRUARY 2025 SHEET 12 OF 12



Bayland
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite T
Hanover, Maryland 21076

Phone: (410) 694-9401
Fax: (410) 694-9405
www.baylandinc.com

Z:\14802 PARKER CREEK DREDGING\CAO FILES\SHEET FILES\UPA\14802_UPA_08.DWG