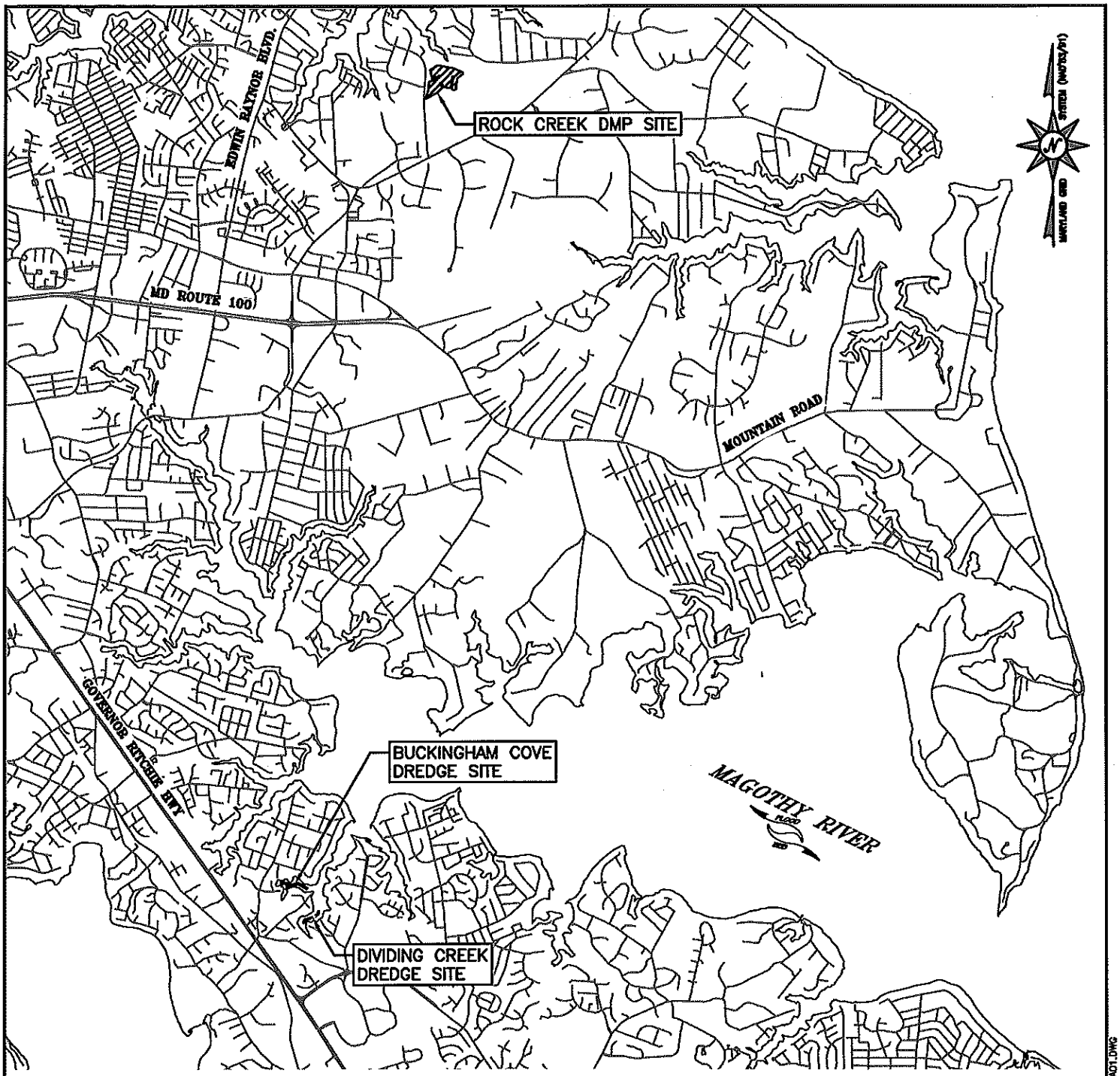



# DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

## ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

## VICINITY MAP

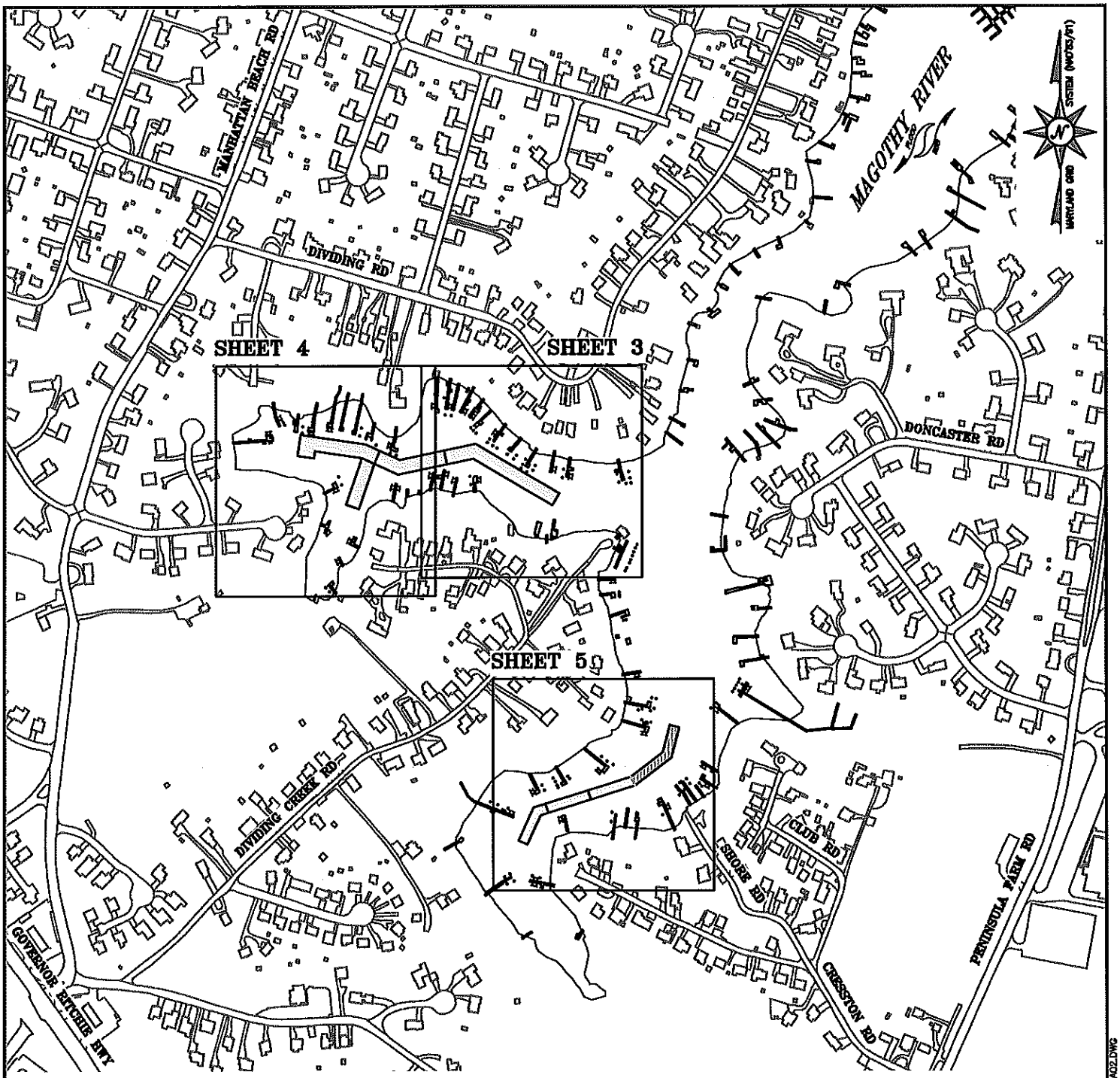
DATE: NOVEMBER 2021 SHEET 1 OF 11

GRAPHIC SCALE
0 2500 5000 10000
( IN FEET )
1 INCH = 5000 FEET

NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2018 PLANIMETRICS AND 2020 IMAGERY.

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:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_JPA01.DWG




# DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

## ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

KEY SHEET

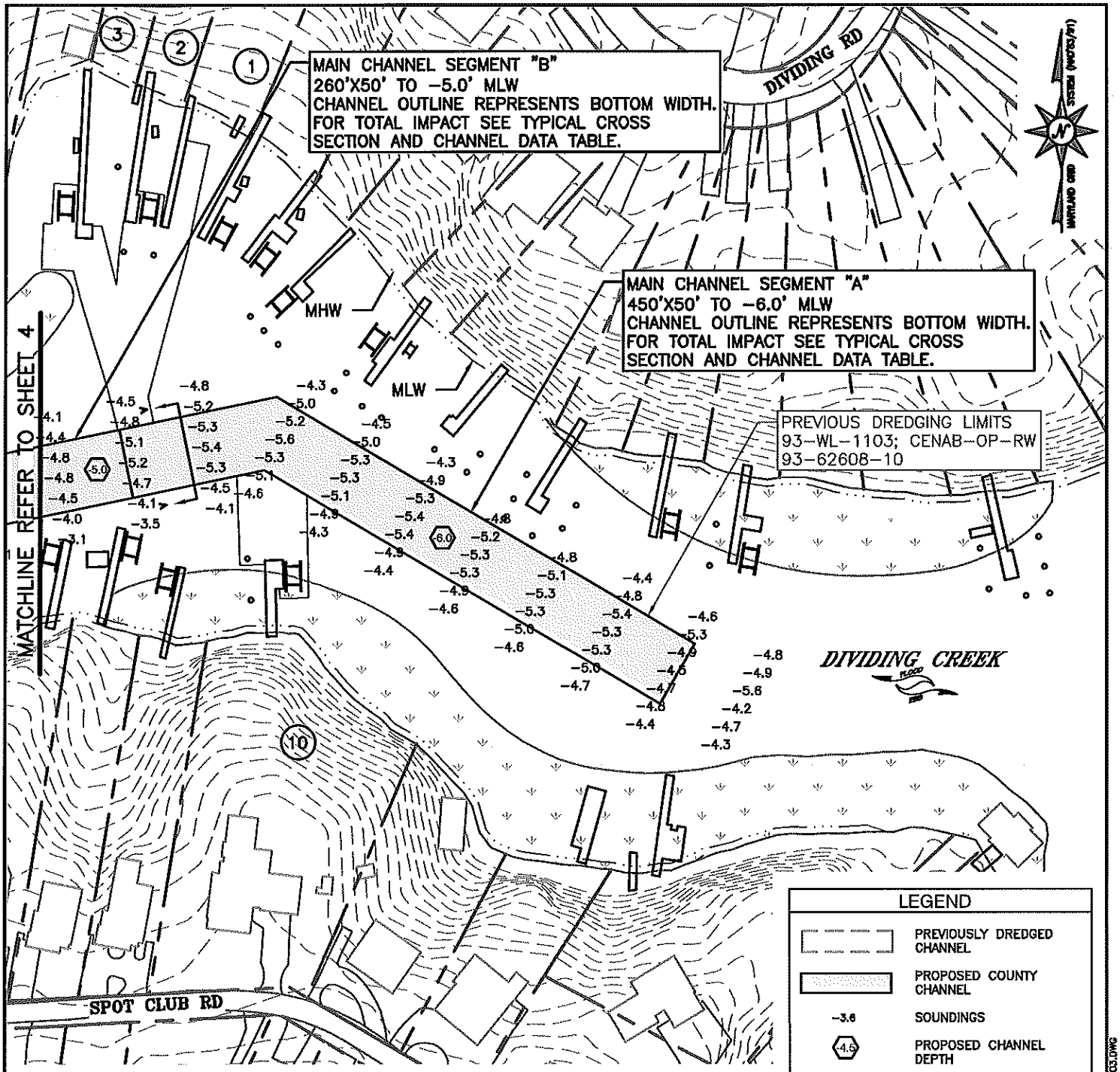
DATE: NOVEMBER 2021 SHEET 2 OF 11

NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2018 PLANIMETRICS AND 2020 IMAGERY.

GRAPHIC SCALE
0 250 500 1000
( IN FEET )
1 INCH = 500 FEET

Bayland Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T
Hanover, Maryland 21076
Phone: (410) 694-9404
Fax: (410) 694-9405
www.baylandinc.com

Z:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_JPA02.DWG




LEGEND

- PREVIOUSLY DREDGED CHANNEL
- PROPOSED COUNTY CHANNEL
- -3.6 SOUNDINGS
- (4.5) PROPOSED CHANNEL DEPTH
- PROPOSED SPUR CHANNEL
- (1) SPUR NUMBER
- APPROX. MHW
- APPROX. MLW
- APPROX. PROPERTY LINES
- EXISTING BOAT LIFT
- EXISTING PILING

SAV LEGEND

- COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020

SPRING SURVEY DATE: MAY 12, 2020

SUMMER SURVEY DATE: JULY 15, 2020

# DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

## ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

## MAIN CHANNEL PLAN

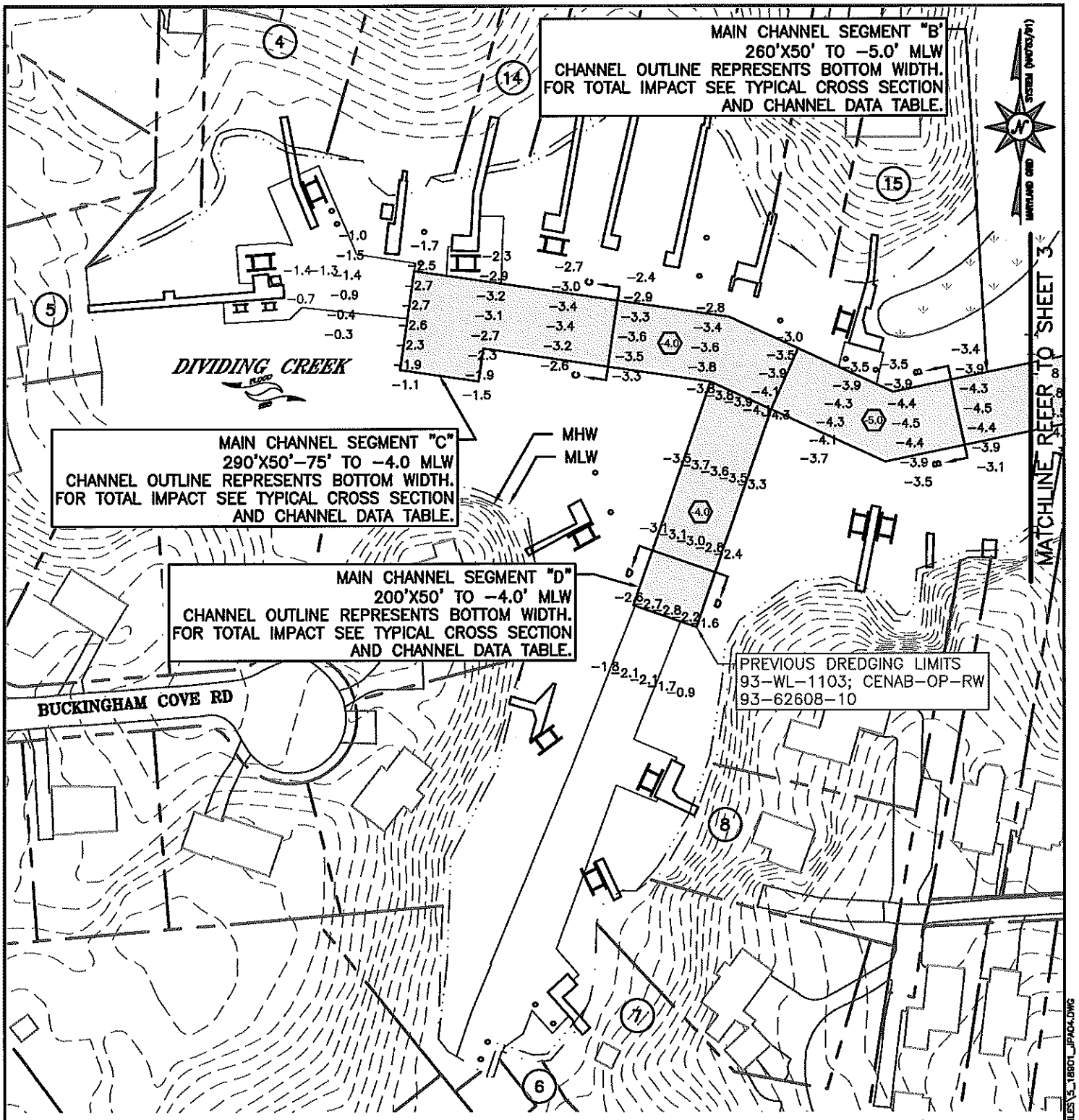
DATE: NOVEMBER 2021 SHEET 3 OF 11

GRAPHIC SCALE
0 50 100 200
( IN FEET )
1 INCH = 100 FEET

NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2018 PLANIMETRICS AND 2020 IMAGERY.

Bay Land 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:\5_18901_DIVDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_JPA03.DWG




# DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

## ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

## MAIN CHANNEL PLAN

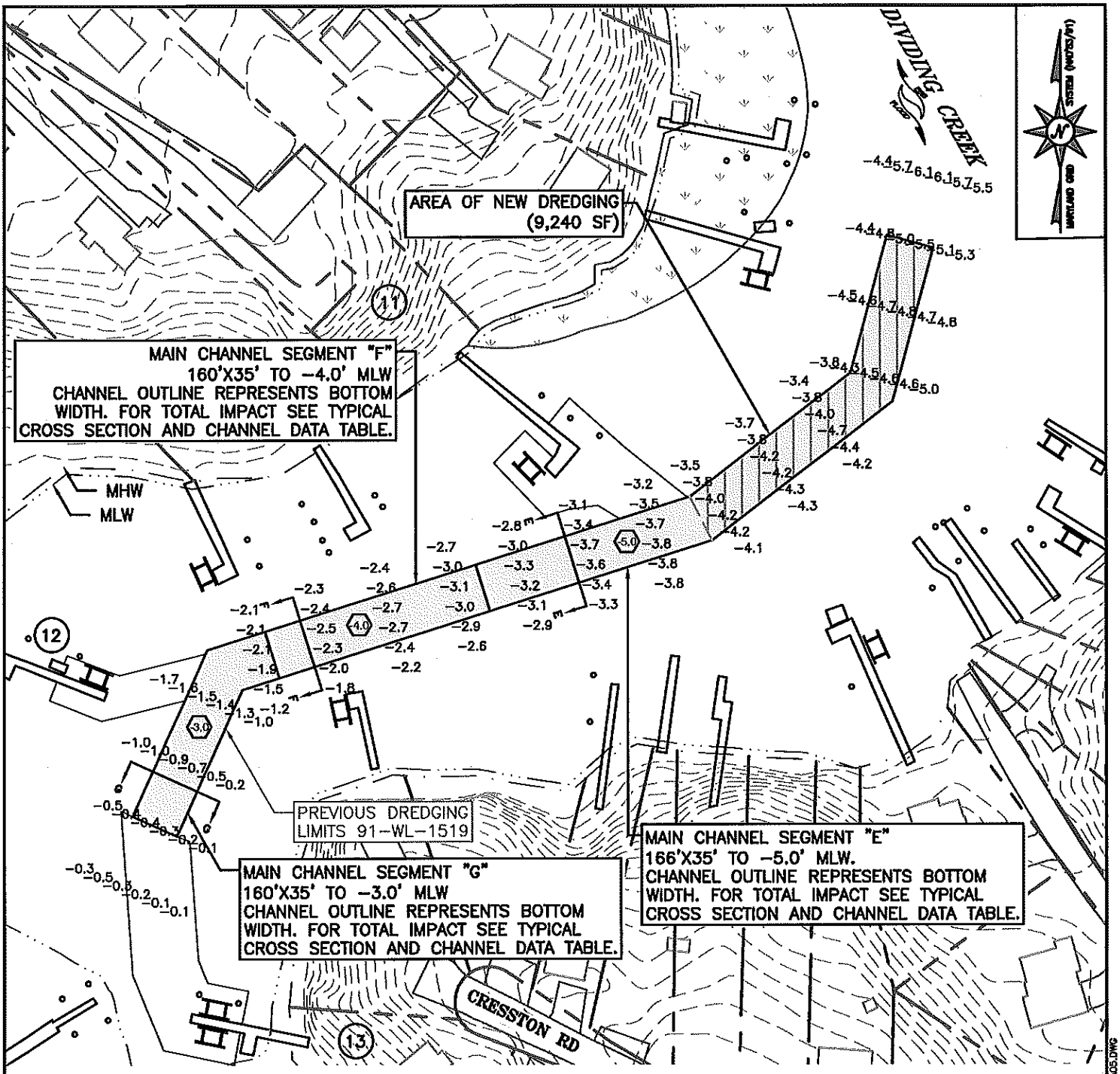
DATE: NOVEMBER 2021 SHEET 4 OF 11

GRAPHIC SCALE
0 50 100 200
( IN FEET )
1 INCH = 100 FEET

NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2016 PLANIMETRICS AND 2020 IMAGERY.

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:\5_18001_DIVDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18001_JPA04.DWG




# DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

## ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

## MAIN CHANNEL PLAN

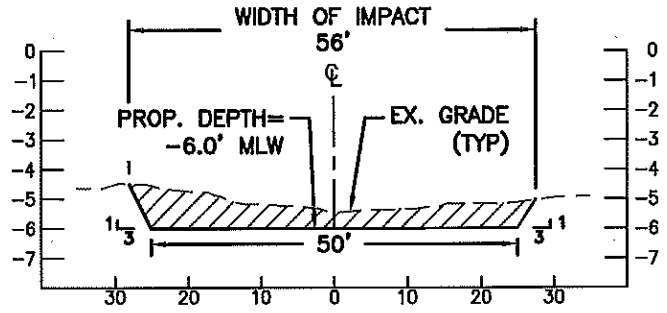
DATE: NOVEMBER 2021 SHEET 5 OF 11

GRAPHIC SCALE
0 50 100 200
( IN FEET )
1 INCH = 100 FEET

NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2016 PLANIMETRICS AND 2020 IMAGERY.

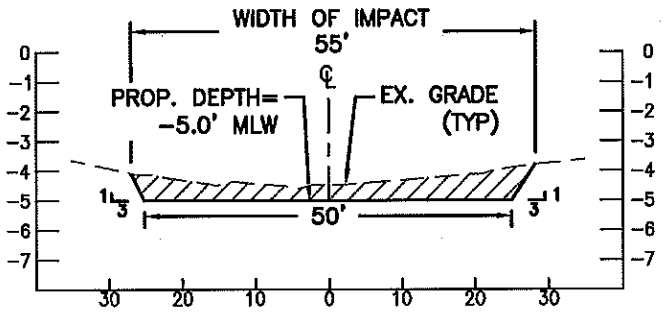

Bayland Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com


Z:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_JPA05.DWG



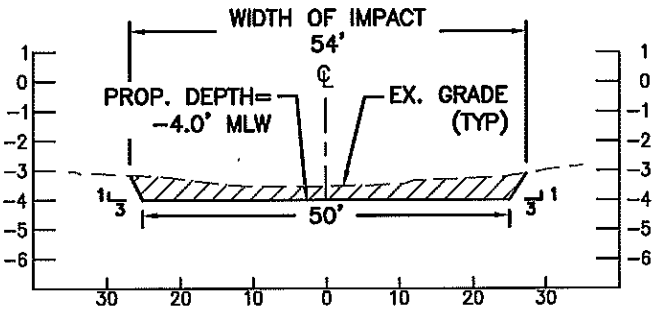

# SECTION A–A

SCALE: NTS



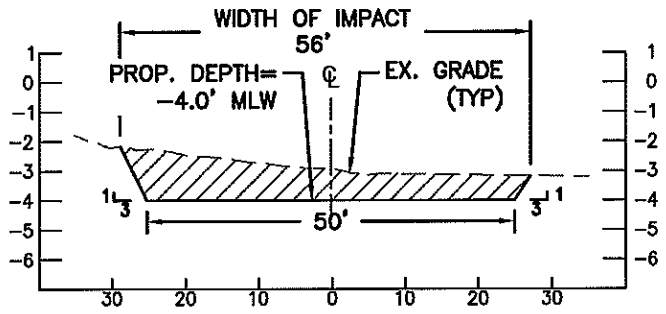

# SECTION B–B

SCALE: NTS




# SECTION C–C

SCALE: NTS




# SECTION D–D

SCALE: NTS

DIVIDING CREEK & BUCKINGHAM
COVE MAINTENANCE DREDGING

ANNE ARUNDEL COUNTY

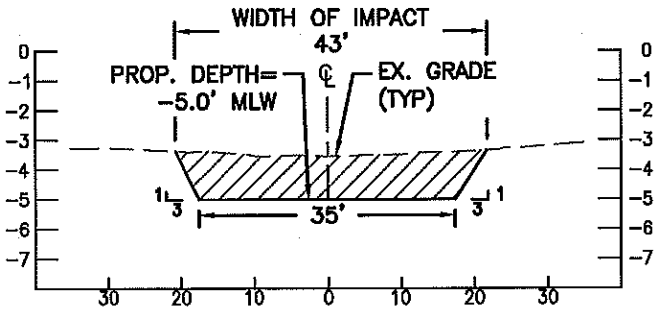
APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

CHANNEL SECTIONS

DATE: NOVEMBER 2021 SHEET 6 OF 11

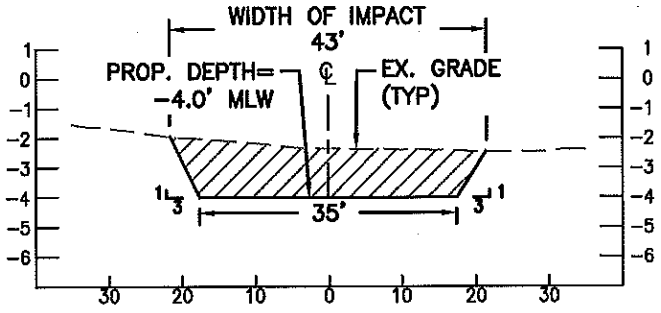
Bayland Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T
Hanover, Maryland 21076
Phone: (410) 694-9401
Fax: (410) 694-9405
www.baylandinc.com

Z:\5_18801_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18801_JPA06.DWG



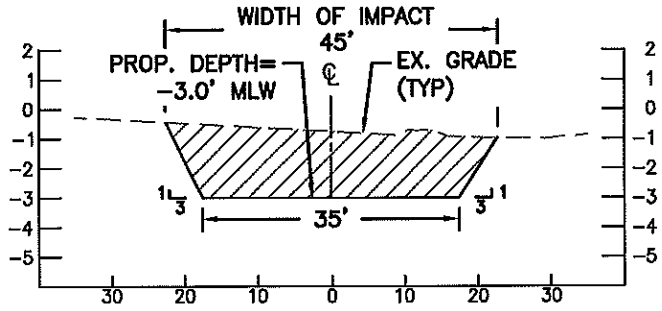

# SECTION E–E

SCALE: NTS




# SECTION F–F

SCALE: NTS




# SECTION G–G

SCALE: NTS

DIVIDING CREEK & BUCKINGHAM
COVE MAINTENANCE DREDGING

ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

CHANNEL SECTIONS

DATE: NOVEMBER 2021 SHEET 7 OF 11

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:\5_18901_DIVDNG_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_JPA07.DWG

## CHANNEL DETAILS

| SEGMENT | LENGTH (FT) | WIDTH (FT) | DEPTH (FT) | VOLUME (CY) |
|---|---|---|---|---|
| A | 450 | 50 | −6.0 | 710 |
| B | 260 | 50 | −5.0 | 331 |
| C | 290 | 50−75 | −4.0 | 542 |
| D | 200 | 50 | −4.0 | 271 |
| E | 430 | 35 | −5.0 | 567 |
| F | 160 | 35 | −4.0 | 330 |
| G | 160 | 35 | −3.0 | 460 |

| | |
|---|---|
| TOTAL MAIN CHANNEL LENGTH | 1,950 LF |
| TOTAL MAIN CHANNEL VOLUME | 3,211 CY |
| TOTAL MAIN CHANNEL AREA OF IMPACT | 101,298 SF = 2.33 AC |
| TOTAL NEW AREA OF DREDGING | 9,240 SF = 0.21 AC |
| TOTAL MAIN CHANNEL AREA OF IMPACT TO 2020 SAV | 0 SF = 0.00 AC |

NOTES:
1. BASEMAP COMPILED FROM ANNE ARUNDEL COUNTY 2016 PLANIMETRICS AND 2020 IMAGERY.
2. TIDAL RANGE IS 1.0 FEET.
3. BATHYMETRY FROM BAYLAND SURVEY DATED SEPTEMBER 15, 2021.
4. SOUNDINGS ARE IN FEET AND REFER TO MLW.
5. THE DIVIDING CREEK CHANNELS PROPOSED FOR MAINTENANCE DREDGING WAS PREVIOUSLY PERMITTED UNDER 91-WL-1519 AND 93-WL-1103; U.S. ARMY CORPS OF ENGINEERS PERMIT CENAB-OP-RW 93-62608-10.
6. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.

DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

ANNE ARUNDEL COUNTY

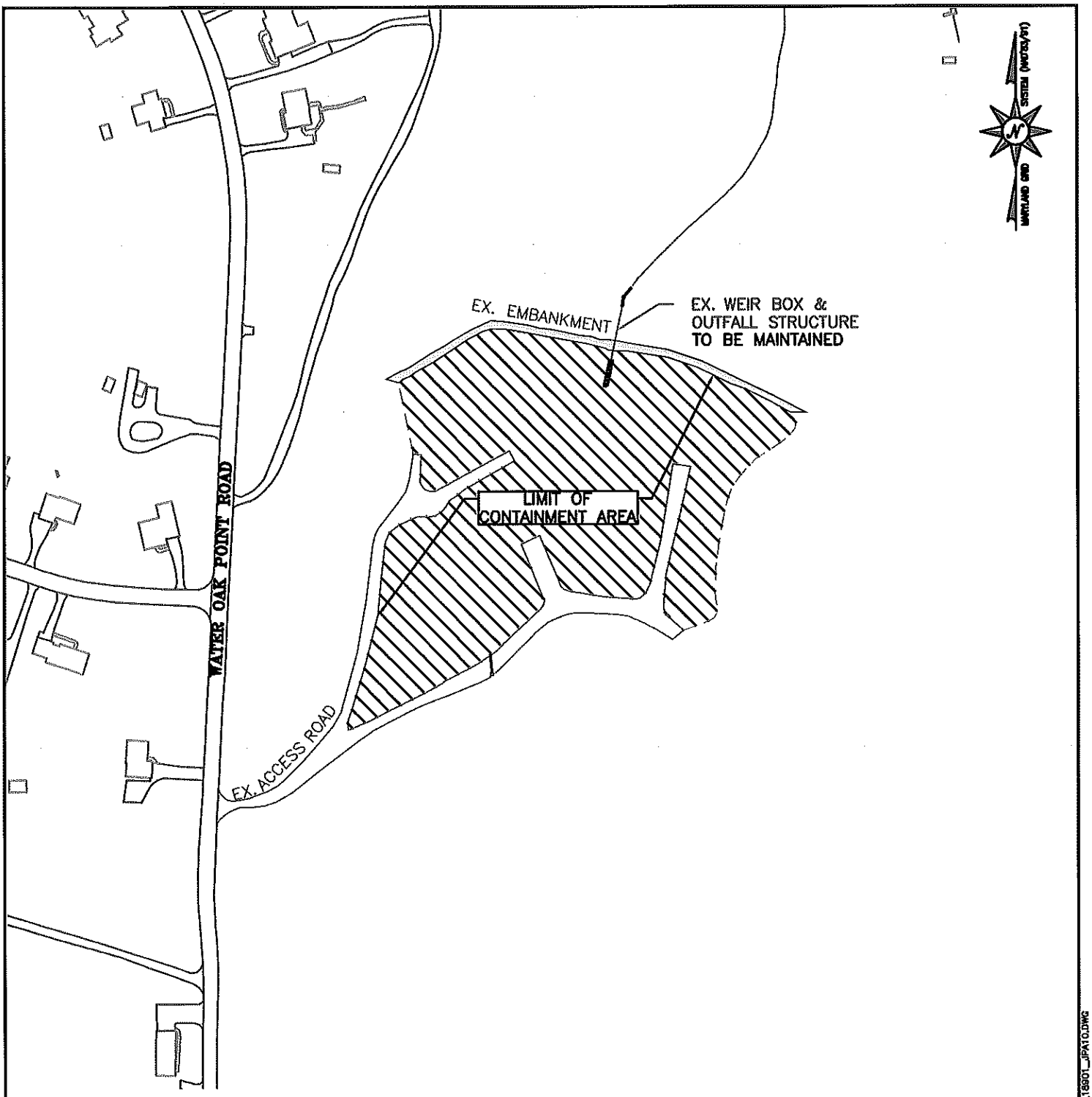
APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

CHANNEL DETAILS

DATE: NOVEMBER 2021 SHEET 8 OF 11

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:\5_16901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_16901_JP408.DWG




# DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

## ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

## ROCK CREEK DMP SITE

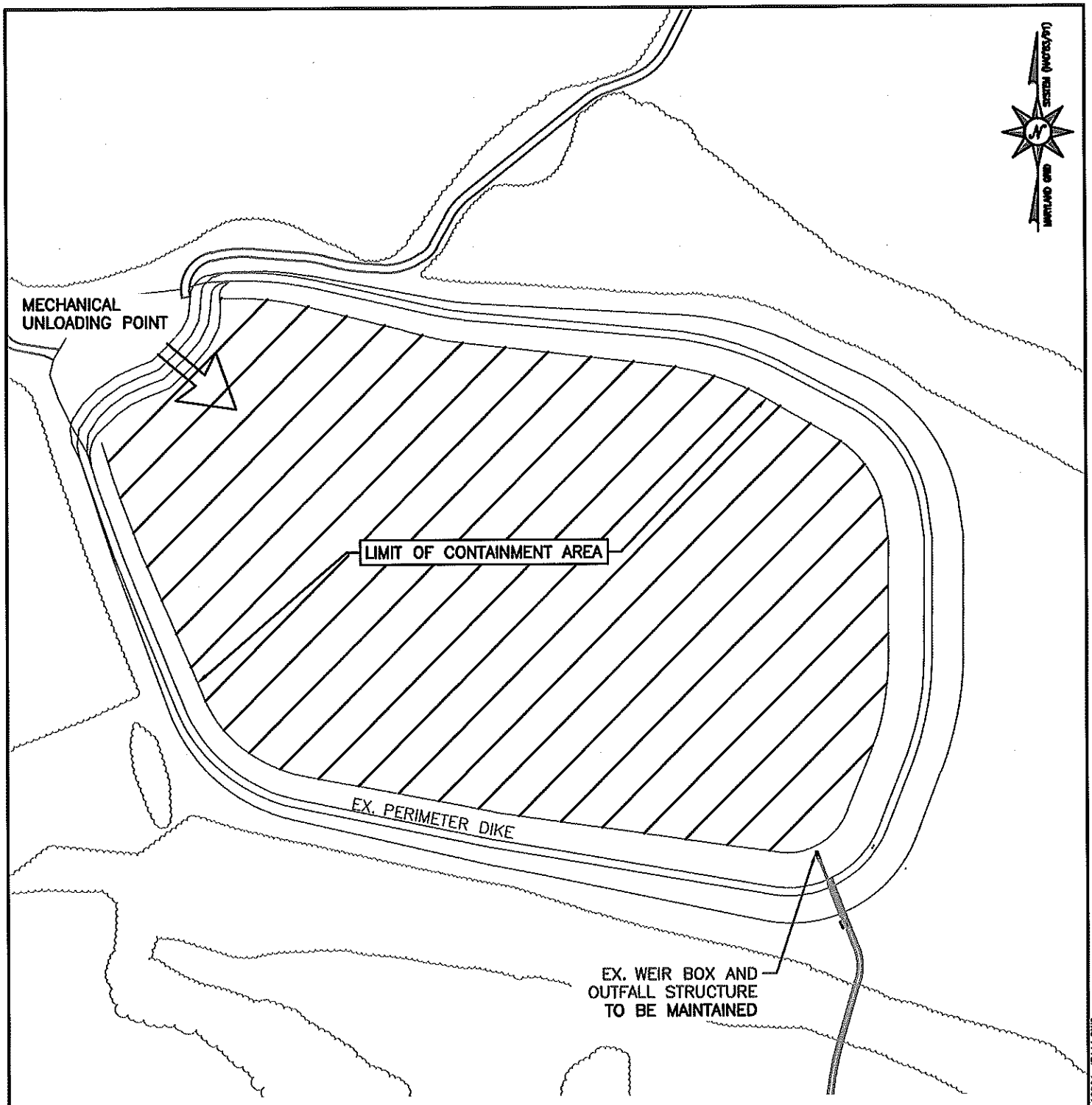
DATE: NOVEMBER 2021 SHEET 9 OF 11

GRAPHIC SCALE
0 100 200 400
( IN FEET )
1 INCH = 200 FEET

NOTES:
1. BASEMAP COMPILED FROM ANNE ARUNDEL 2016 PLANIMETRICS AND 2020 IMAGERY.
2. CURRENT AVAILABLE CAPACITY: 28,000 CY

Bayland Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T
Hanover, Maryland 21076
Phone: (410) 694-9405
Fax: (410) 694-9406
www.baylandinc.com

Z:\S_18901_DIVDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\S_18901_JPA10.DWG




# DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

## ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

## SOUTH COUNTY DMP SITE

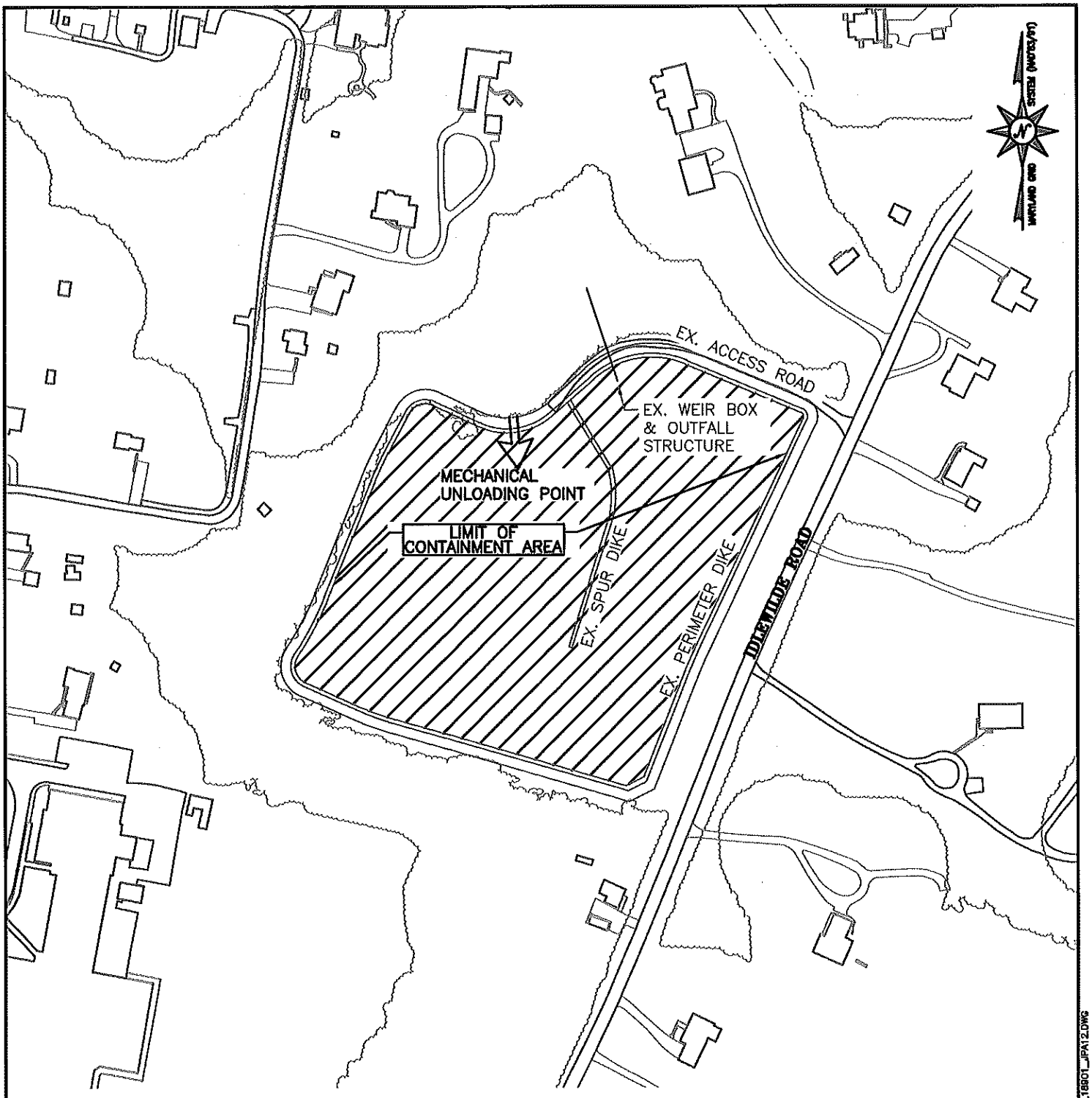
DATE: NOVEMBER 2021 SHEET 10 OF 11

GRAPHIC SCALE
0 100 200 400
( IN FEET )
1 INCH = 200 FEET

NOTES:
1. BASEMAP COMPILED FROM ANNE ARUNDEL 2016 PLANIMETRICS AND 2020 IMAGERY.
2. CURRENT AVAILABLE CAPACITY: 100,000 CY

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:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_JPA11.DWG




# DIVIDING CREEK & BUCKINGHAM COVE MAINTENANCE DREDGING

## ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

## IDLEWILDE DMP SITE

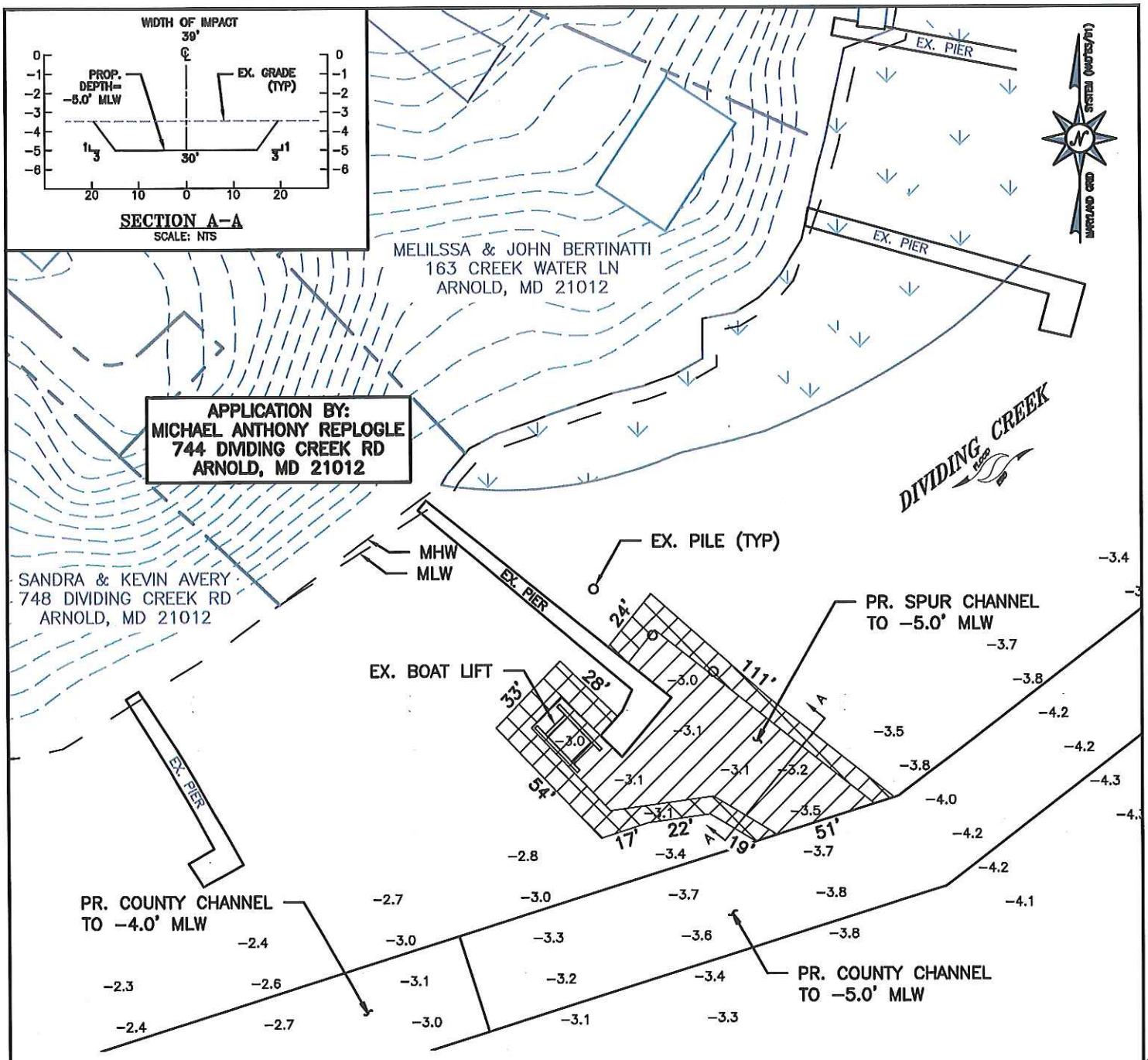
DATE: NOVEMBER 2021 SHEET 11 OF 11

GRAPHIC SCALE
0 100 200 400
( IN FEET )
1 INCH = 200 FEET

NOTES:
1. BASEMAP COMPILED FROM ANNE ARUNDEL 2018 PLANIMETRICS AND 2020 IMAGERY.
2. CURRENT AVAILABLE CAPACITY: 38,000 CY

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:\5_18901_DMDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_JPA12.DWG




SPUR DATA

AREA = 5,654 SF
VOLUME = 488 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.

LEGEND

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

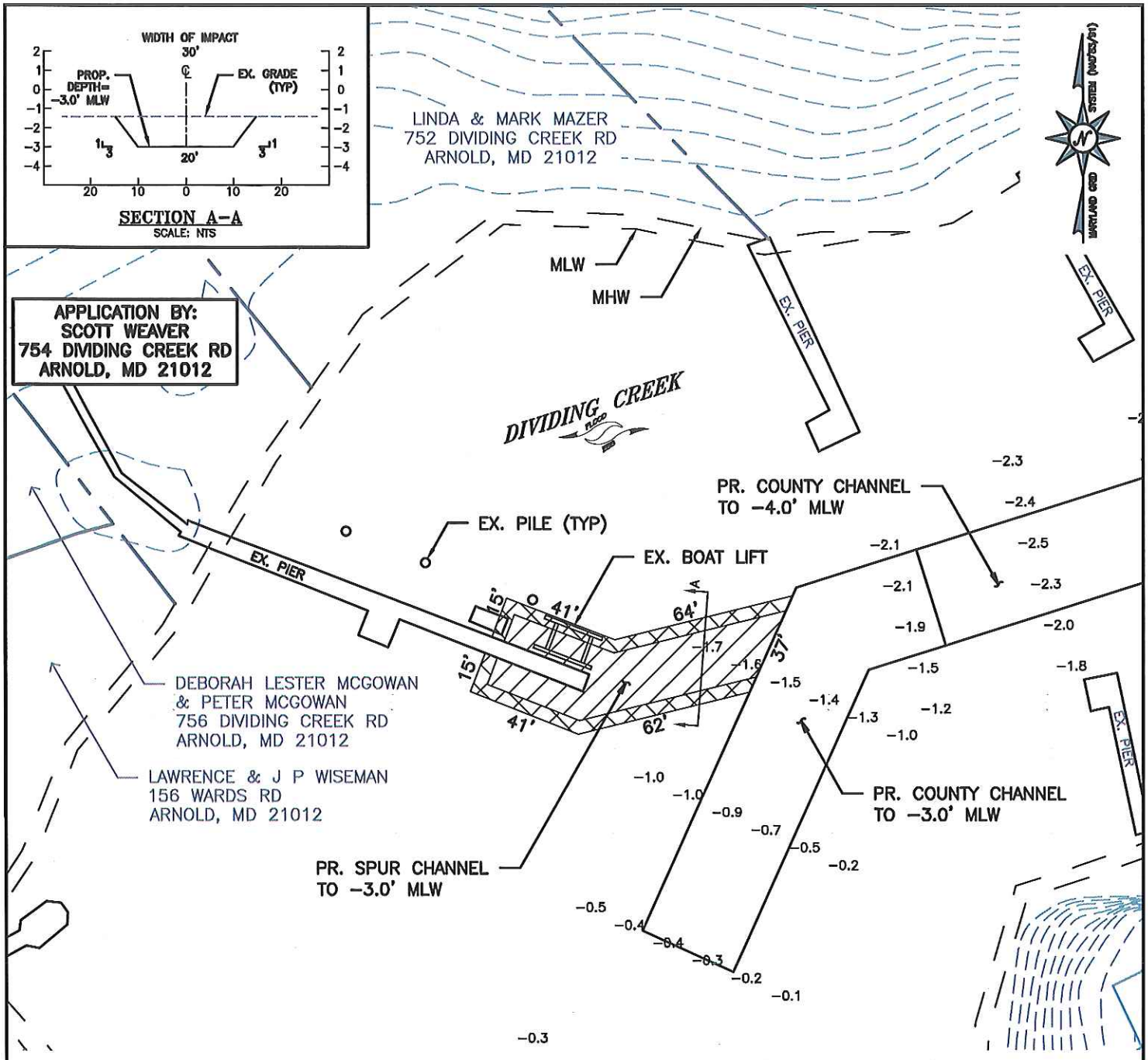
GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 11
MICHAEL ANTHONY REPLOGLE
744 DIVIDING CREEK RD
ARNOLD, MD 21012
NOVEMBER 2021

Z:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR11.DWG




SPUR DATA

AREA = 3039 SF
VOLUME = 140 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED NO NUMBER FOUND, FORMER DRAWING ATTACHED.

LEGEND

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

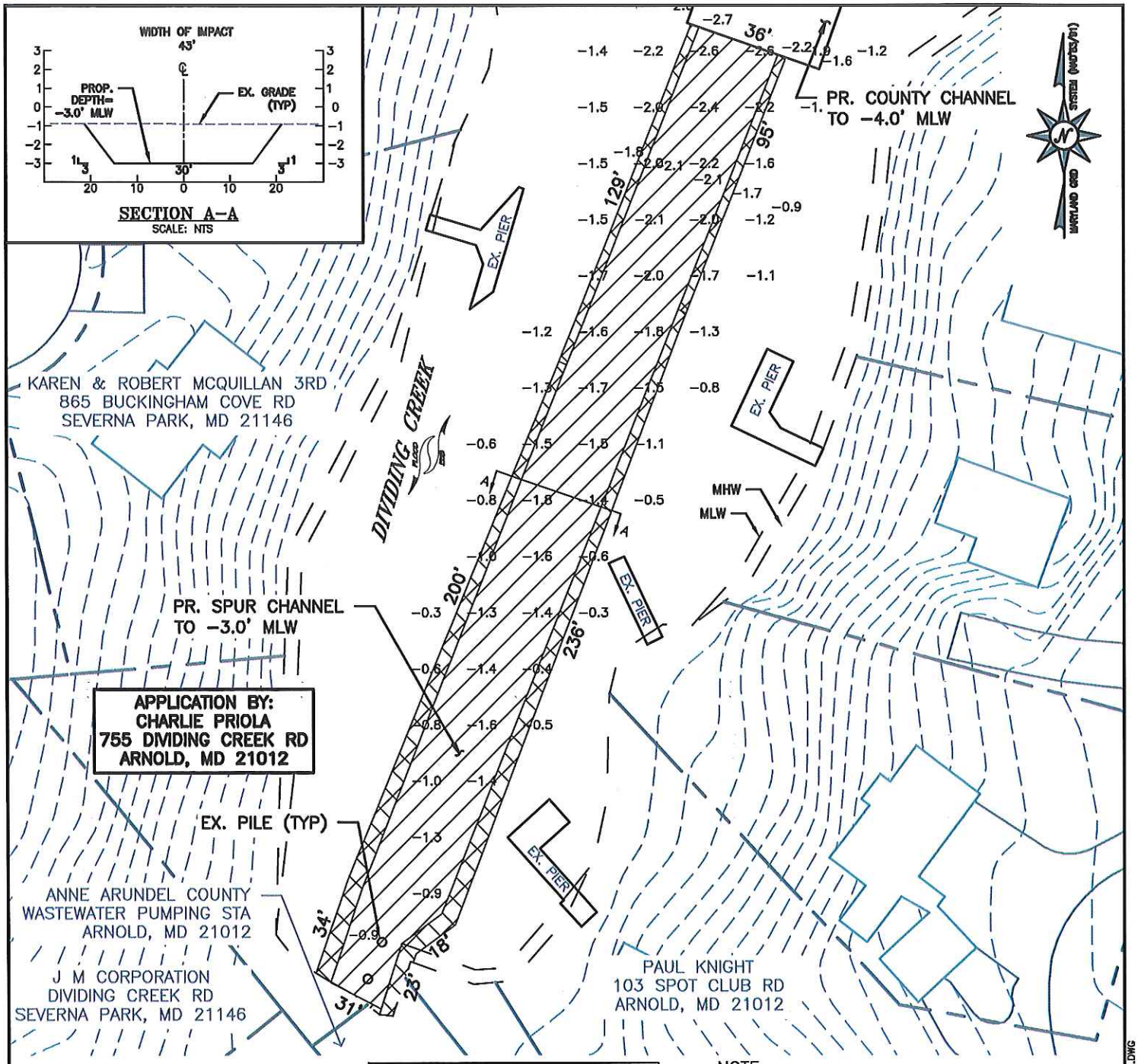
GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 12
SCOTT WEAVER
754 DIVIDING CREEK RD
ARNOLD, MD 21012
NOVEMBER 2021

Z:\5_18901_DMDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR12.DWG




SPUR DATA

AREA = 13,778 SF
VOLUME = 984 CY
2015 SAV IMPACT = NONE

SAV LEGEND

COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2015

SPRING SURVEY DATE: MAY 12, 2015

SUMMER SURVEY DATES: JULY 15, 2015

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS MEADE UNDER 93-WL-1115.

LEGEND

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

GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

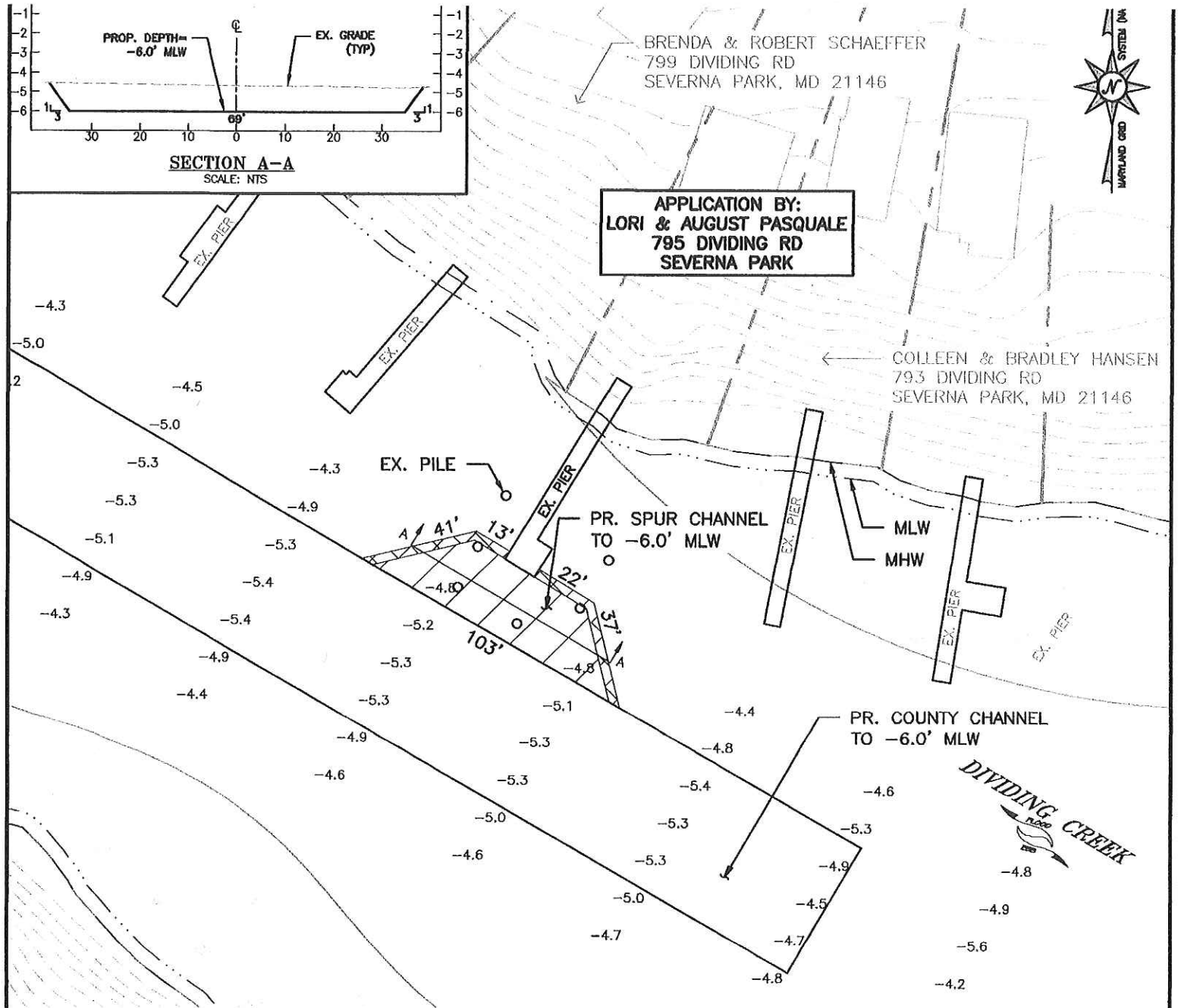
NOTES:

1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 6
CHARLIE PRIOLA
755 DIVIDING CREEK RD
ARNOLD, MD 21012
NOVEMBER 2021

Z:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR06.DWG




SPUR DATA

AREA = 2,028 SF
VOLUME = 114 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 20, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.

LEGEND

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

GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

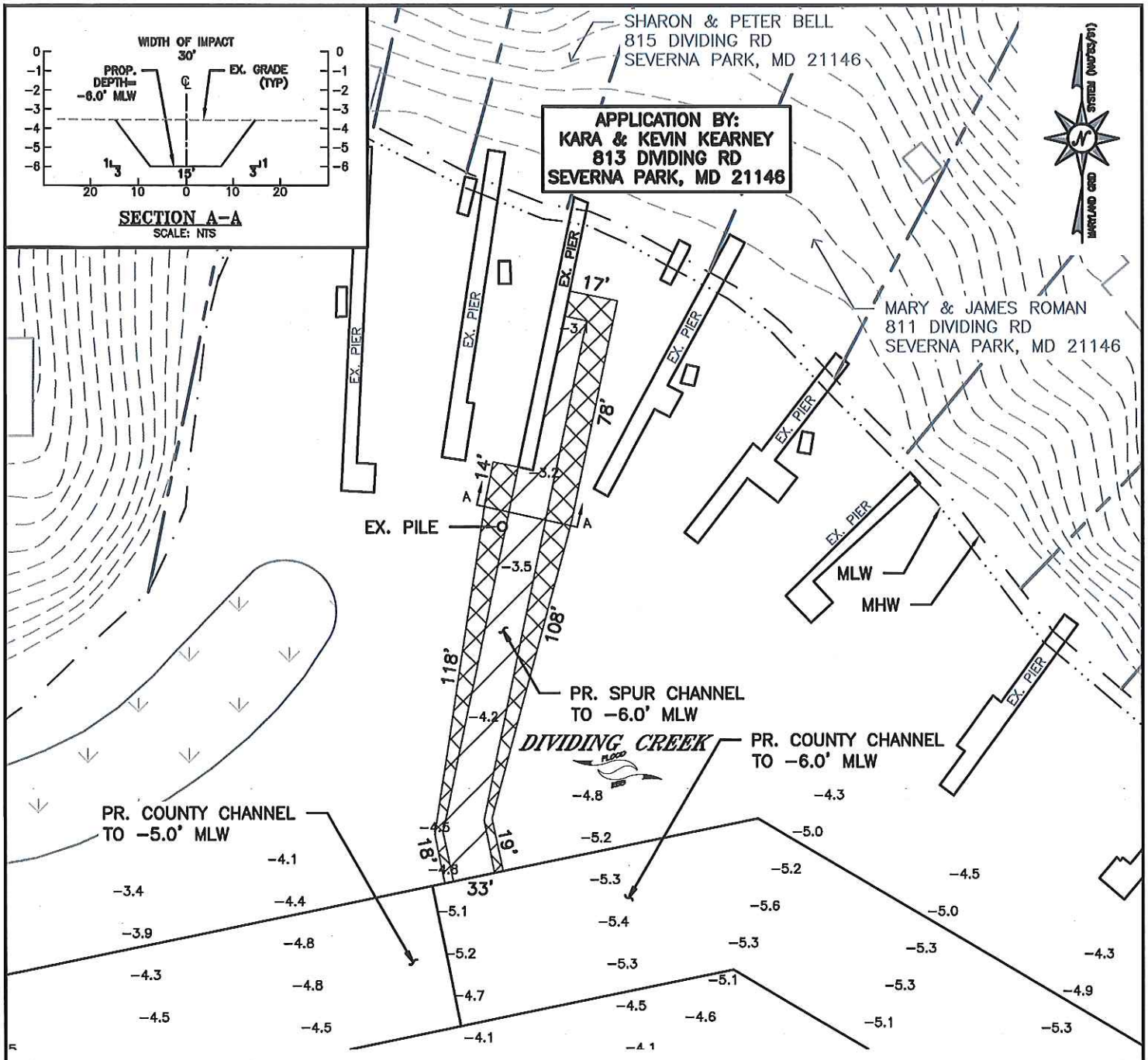
NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.

Bay Land Consultants & Designers, Inc.

DIVIDING CREEK SPURS

LORI & AUGUST PASQUALE

DREDGING_2\CAD FILES\SHEET FILES\5_18901_SPUR16.DWG




SPUR DATA

AREA = 4,730 SF
VOLUME = 290 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 20, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS MANKOWSKI UNDER 93-GL-1114.

LEGEND

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

GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

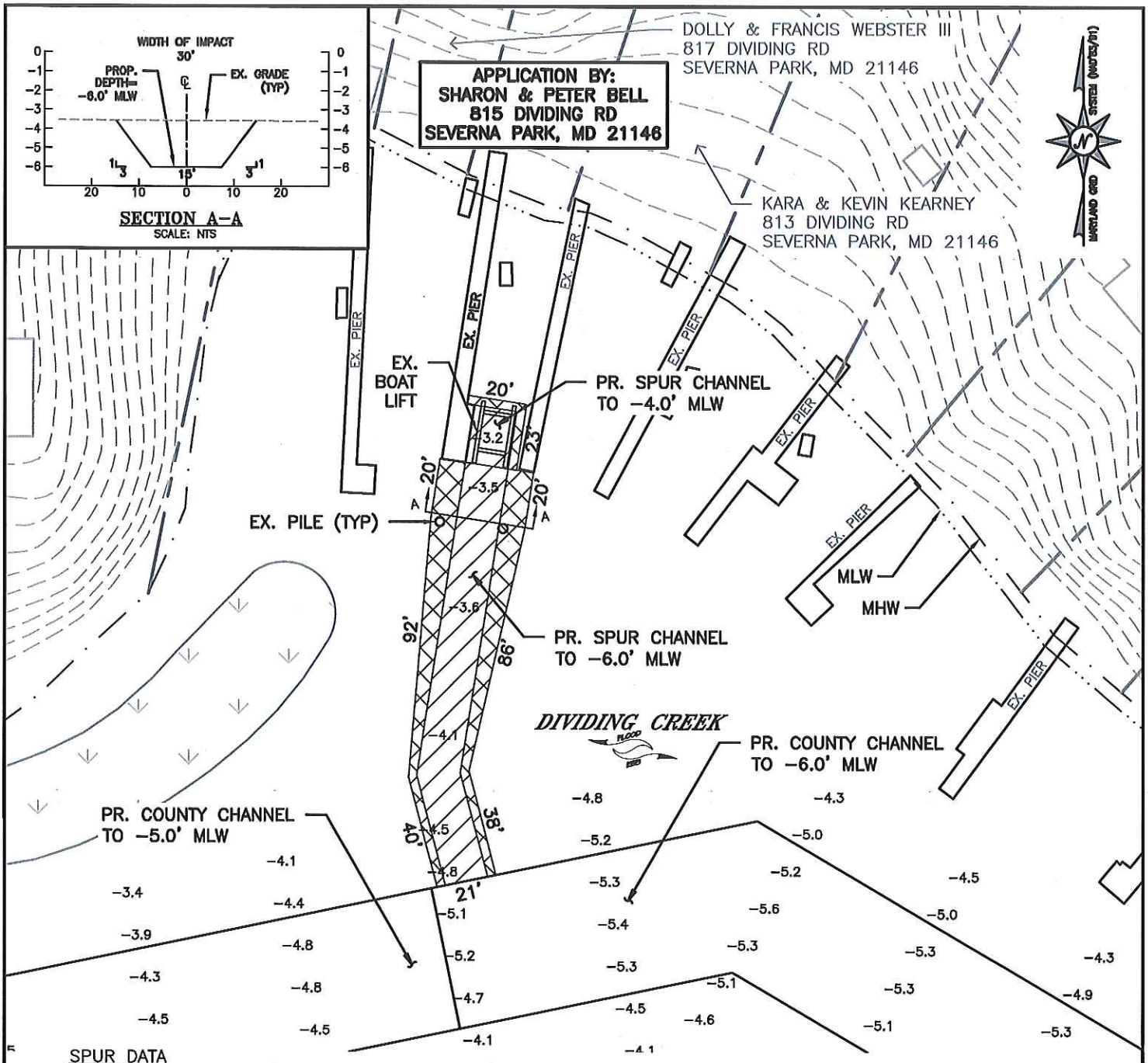
NOTES:

1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


Bay Land 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


DIVIDING CREEK SPURS
SPUR 1
KARA & KEVIN KEARNEY
813 DIVIDING RD
SEVERNA PARK, MD 21146
NOVEMBER 2021

Z:\5_19901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_19901_SPUR01.DWG




SPUR DATA

AREA (-4.0) = 425 SF
AREA (-6.0) = 3,855 SF
TOTAL AREA = 4,280 SF
VOLUME = 270 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.

LEGEND

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

GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

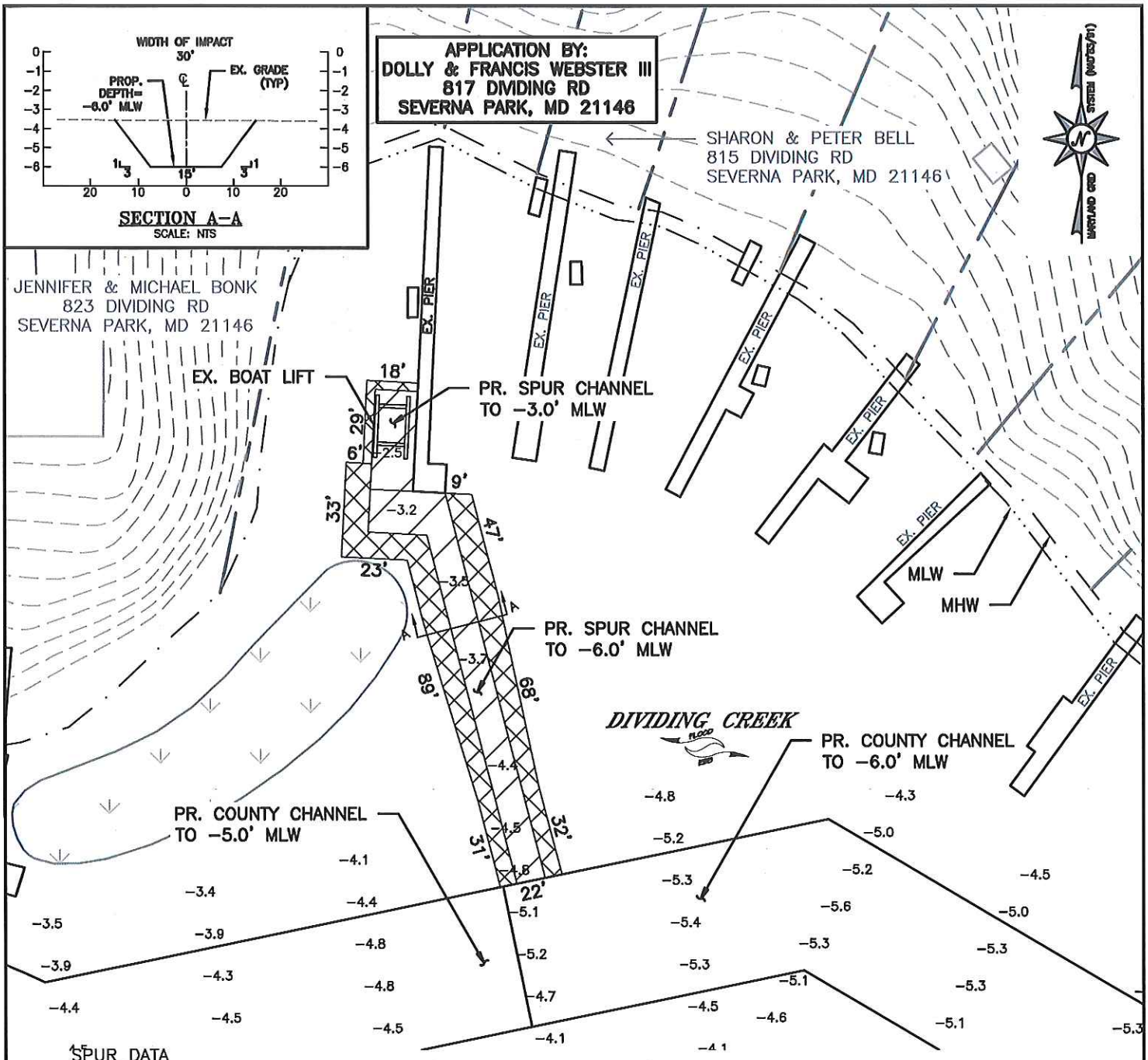
NOTES:

1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 2
SHARON & PETER BELL
815 DIVIDING RD
SEVERNA PARK, MD 21146
NOVEMBER 2021

Z:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR02.DWG




SPUR DATA

AREA (-3.0) = 657 SF
AREA (-6.0) = 4,089 SF
TOTAL AREA = 4,746 SF
VOLUME = 380 CY
2015 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS FRANKENFIELD UNDER 93-GL-1257.

LEGEND

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

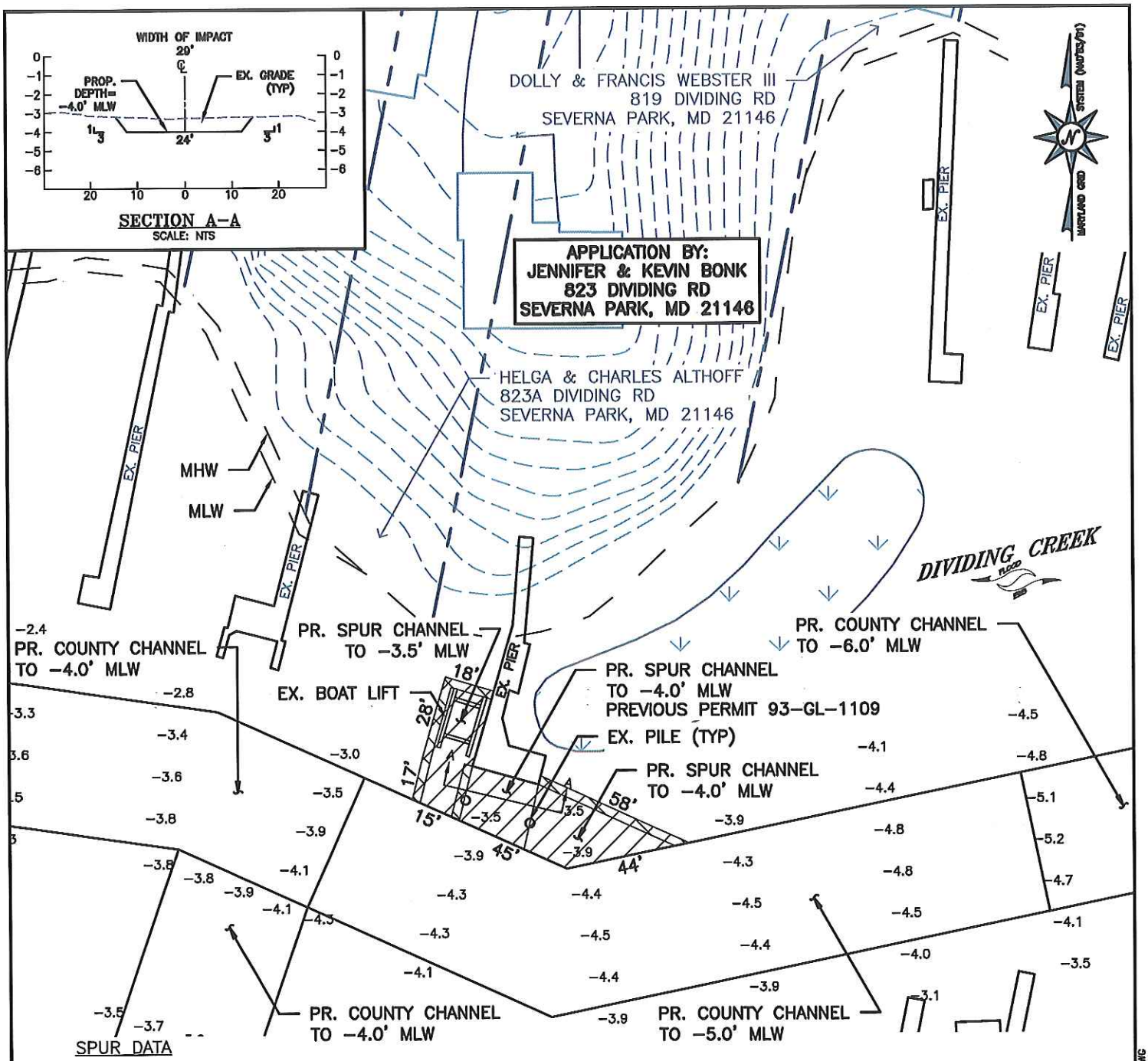
GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 3
DOLLY & FRANCIS WEBSTER III
817 DIVIDING RD
SEVERNA PARK, MD 21146
NOVEMBER 2021

Z:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR03.DWG




SPUR DATA

AREA (-3.5) = 772 SF
AREA (-4.0) = 1,570 SF
TOTAL AREA = 2,342 SF
VOLUME = 22 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS PRIOLA UNDER 93-GL-1109.

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

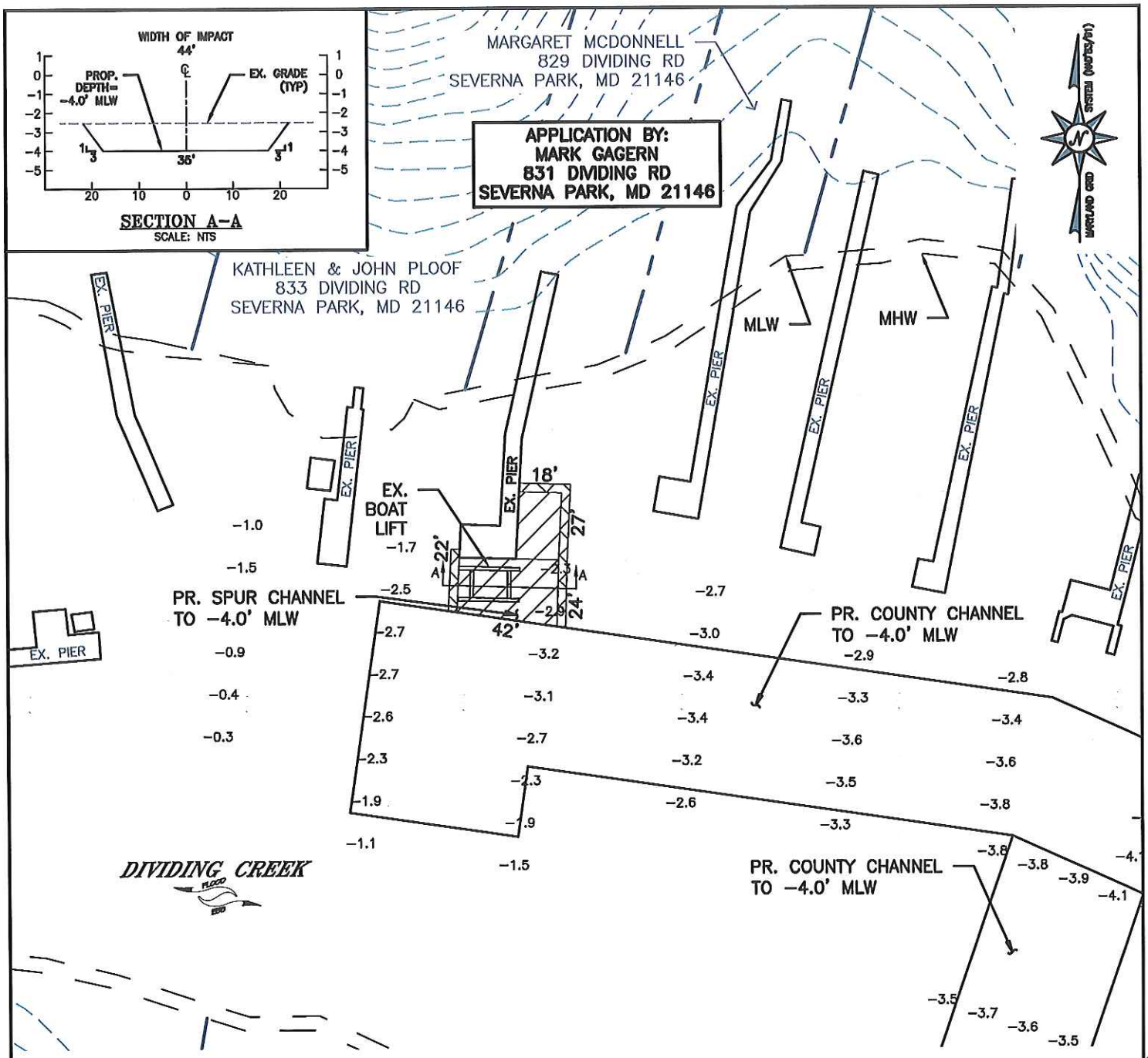
GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 15
JENNIFER & KEVIN BONK
823 DIVIDING RD
SEVERNA PARK, MD 21146
NOVEMBER 2021

Z:\5_18801_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18801_SPUR15.DWG




SPUR DATA

AREA = 1,362 SF
VOLUME = 50 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS MILLER UNDER 93-WL-1116.

LEGEND

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

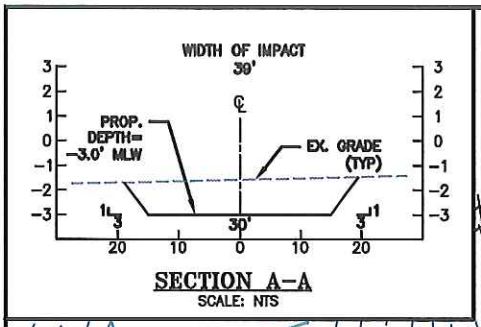
GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 14
MARK GAGERN
831 DIVIDING RD
SEVERNA PARK, MD 21146
NOVEMBER 2021

Z:\5_18901_DMDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR14.DWG




PR. COUNTY CHANNEL TO -4.0' MLW

PR. SPUR CHANNEL TO -3.0' MLW

EX. BOAT LIFT

EX. PIER

EX. PIER

EX. PIER

CAROLINA OLIVIERI & RICHARD WELCH
102 SPOT CLUB RD
ARNOLD, MD 21012

MAUREEN & ALAN MARSH
101 SPOT CLUB RD
ARNOLD, MD 21012

DIVIDING CREEK

MHW

MLW

**APPLICATION BY:**
**MORGAN & COREY STEVENS**
**100 SPOT CLUB RD**
**ARNOLD, MD 21012**

SPUR DATA

AREA = 5,849 SF
VOLUME = 218 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

LEGEND

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

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS ZABLOCKI UNDER 93-GL-1112.

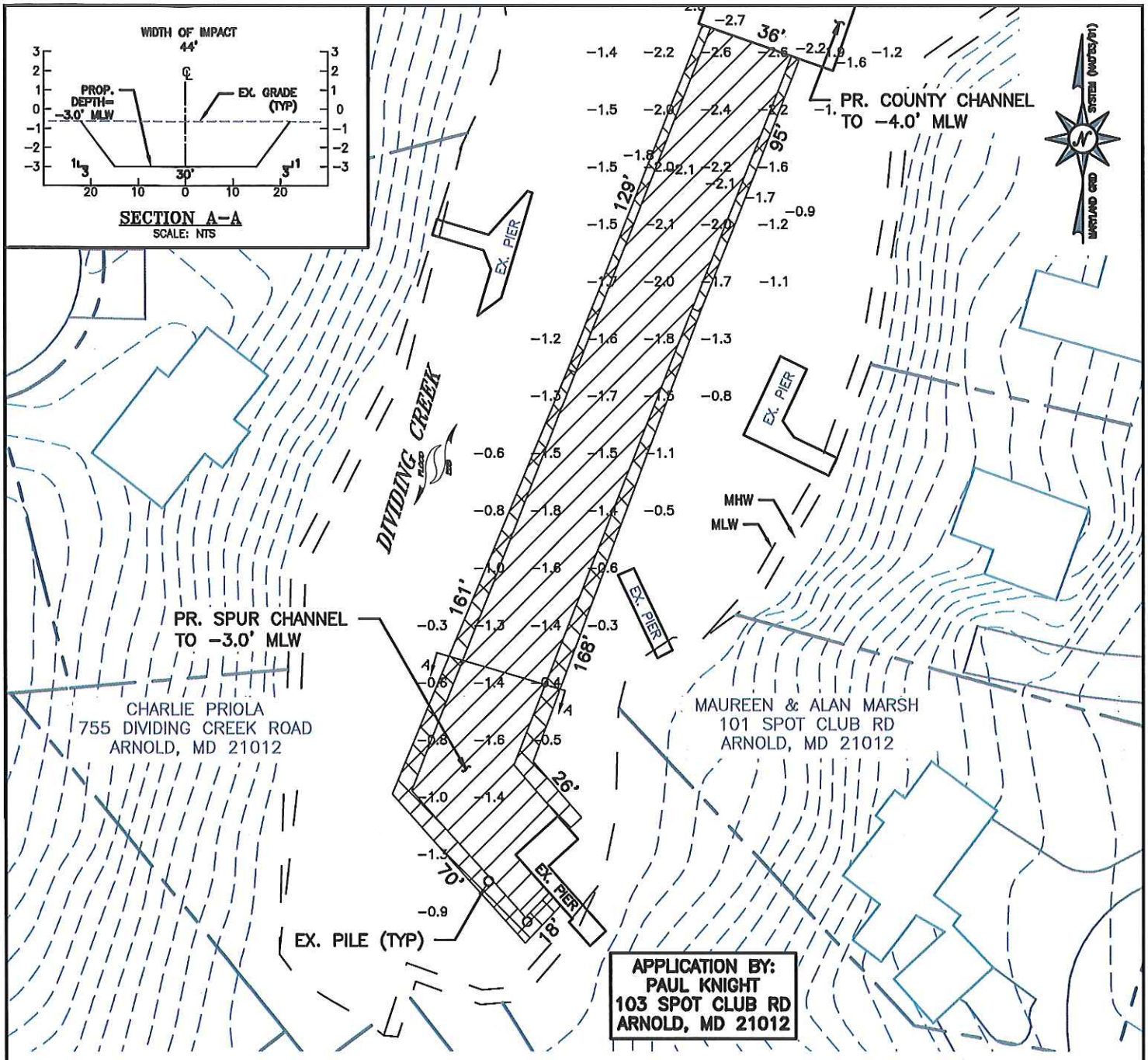
GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 8
MORGAN & COREY STEVENS
100 SPOT CLUB RD
ARNOLD, MD 21012
NOVEMBER 2021

Z:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR08.DWG




SPUR DATA

AREA = 12,346 SF
VOLUME = 870 CY
2015 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS MILLER UNDER 93-WL-1108.

LEGEND

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

GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

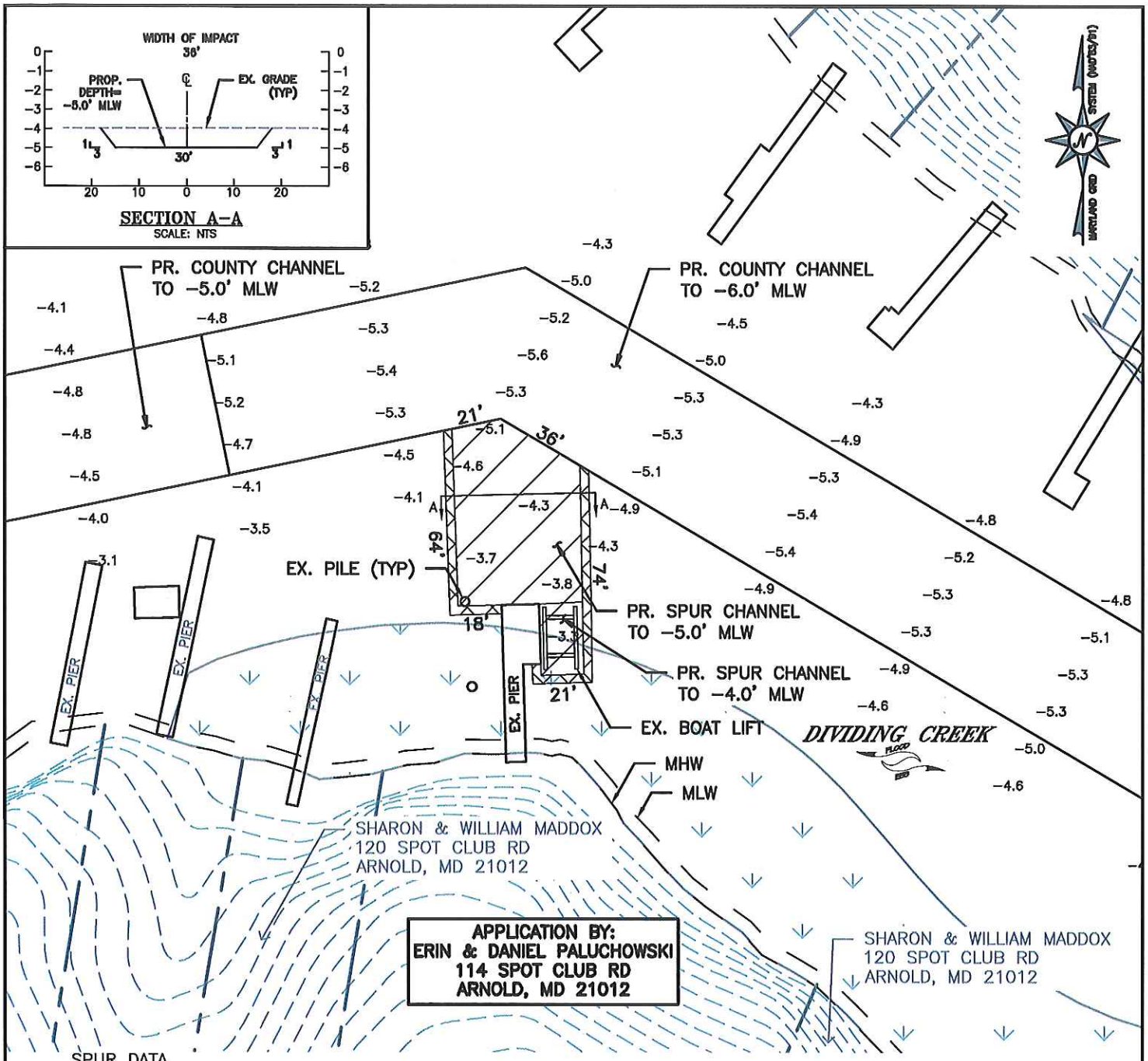
NOTES:

1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 7
PAUL KNIGHT
103 SPOT CLUB RD
ARNOLD, MD 21012
NOVEMBER 2021

Z:\5_18901_DIVDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR07.DWG




SPUR DATA

AREA (-4.0) = 528 SF
AREA (-5.0) = 2,981 SF
TOTAL AREA = 3,509 SF
VOLUME = 132 CY
2020 SAV IMPACT = 292 SF

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.

LEGEND

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

GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

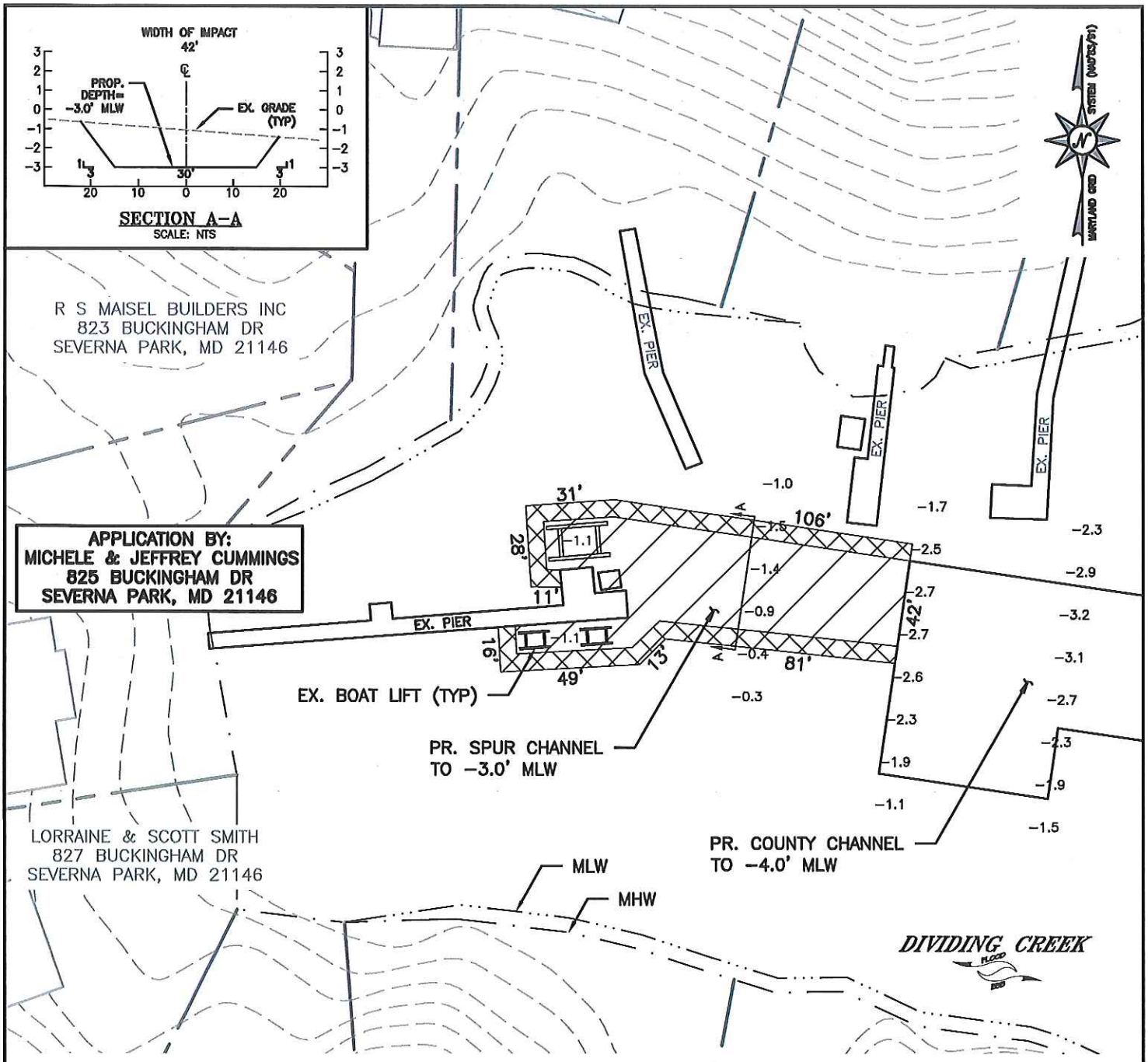
NOTES:

1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 10
ERIN & DANIEL PALUCHOWSKI
114 SPOT CLUB RD
ARNOLD, MD 21012
NOVEMBER 2021

Z:\5_18601_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18601_SPUR10.DWG




SPUR DATA

AREA = 6,023 SF
VOLUME = 420 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS HUTCHESON UNDER 93-WL-1105.

LEGEND

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

GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

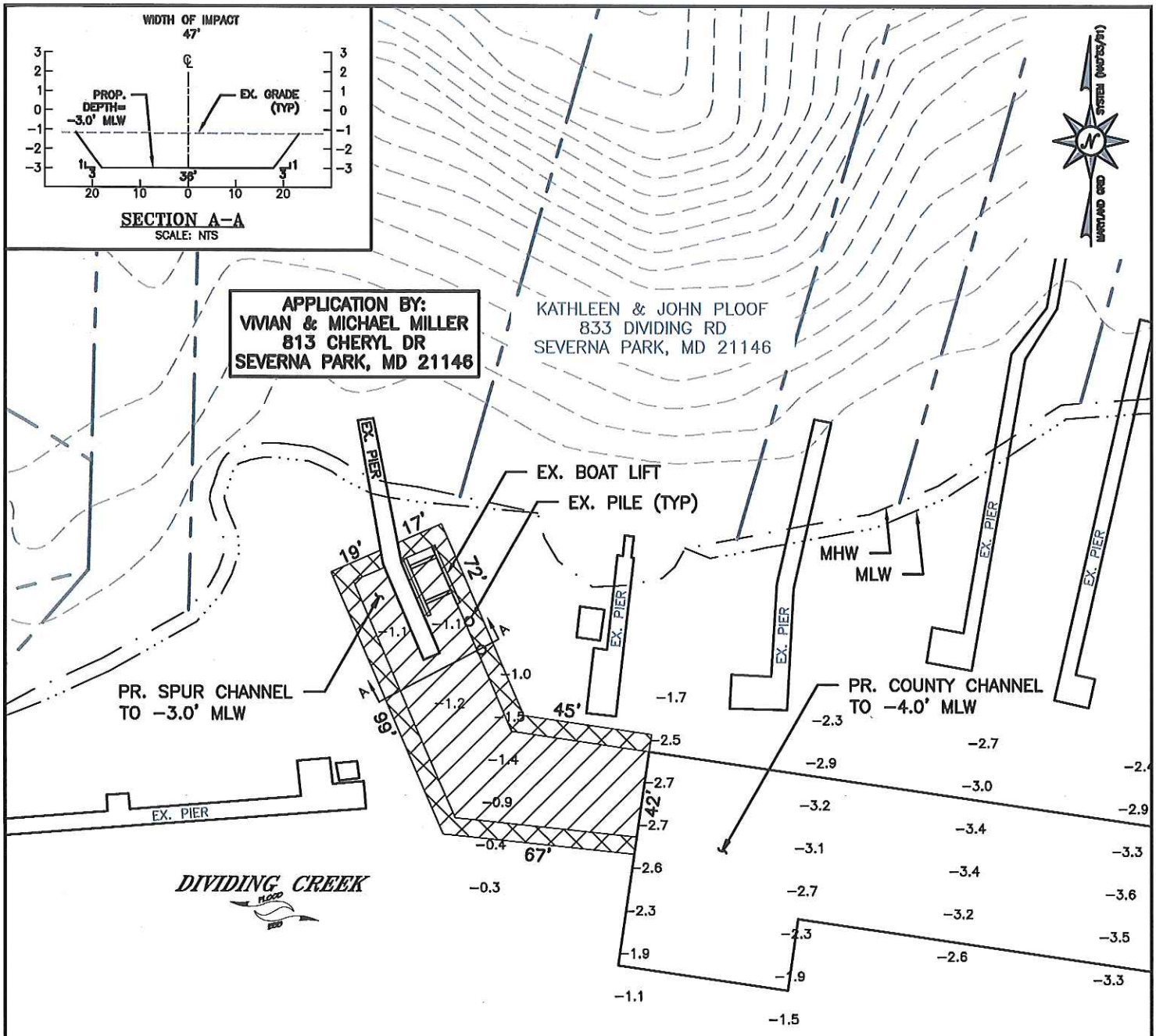
NOTES:

1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


Bay Land 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


DIVIDING CREEK SPURS
SPUR 5
MICHELE & JEFFREY CUMMINGS
825 BUCKINGHAM DR
SEVERNA PARK, MD 21146
NOVEMBER 2021

Z:\5_18901_DIVDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR05.DWG




SPUR DATA

AREA = 5,804 SF
VOLUME = 360 CY
2020 SAV IMPACT = NONE

LEGEND

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

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.
2. PREVIOUSLY PERMITTED AS UNDER 93-WL-1116.

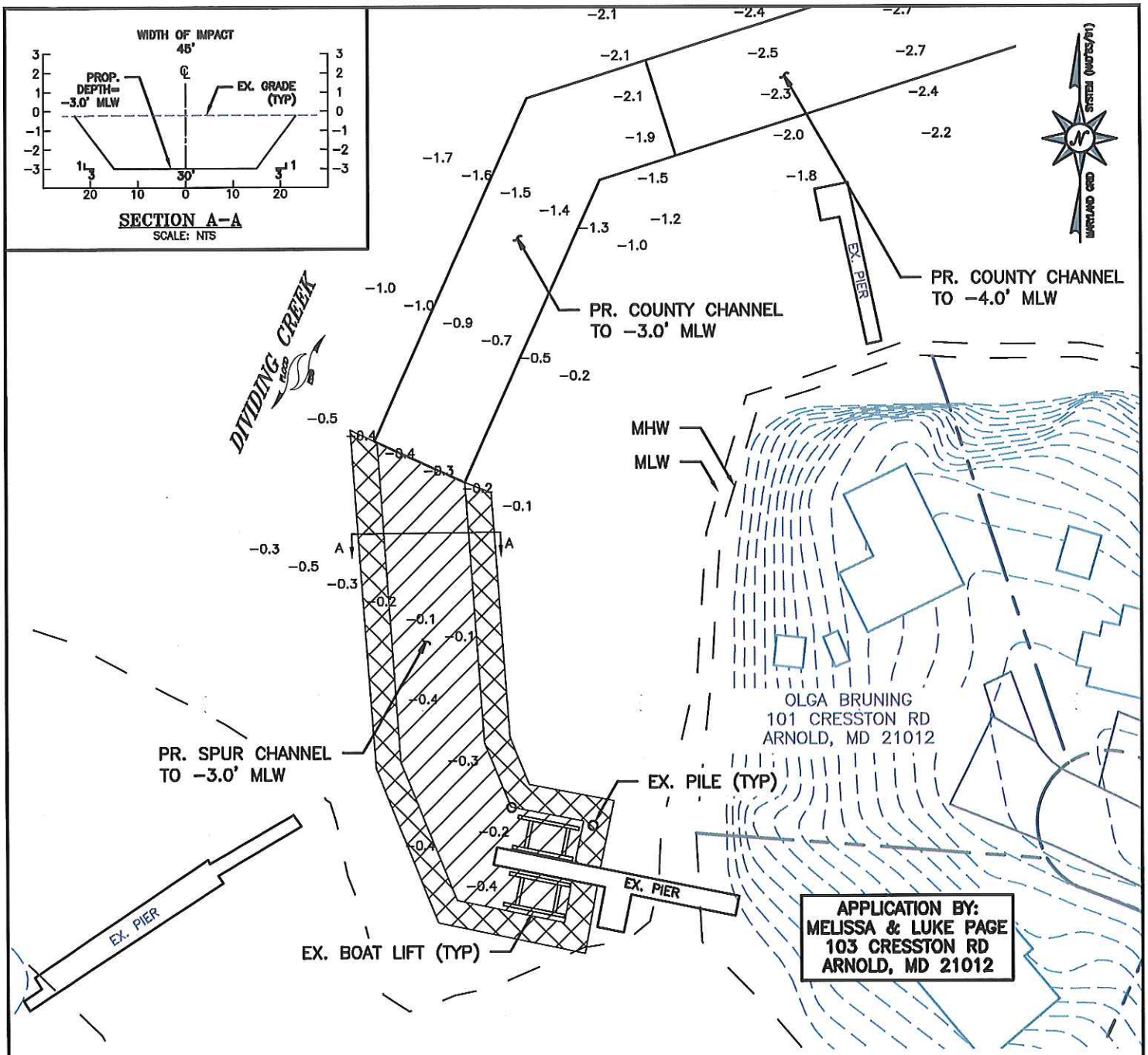
GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.

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

DIVIDING CREEK SPURS
SPUR 4
VIVIAN & MICHAEL MILLER
813 CHERYL DR
SEVERNA PARK, MD 21146
NOVEMBER 2021

Z:\5_18901_DIVIDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR04.DWG




SPUR DATA

AREA = 8722 SF
VOLUME = 850 CY
2020 SAV IMPACT = NONE

| SAV LEGEND |
|---|
| COMPOSITE SAV BED FROM SPRING AND SUMMER SAV SURVEY 2020 |
| SPRING SURVEY DATE: MAY 12, 2020 |
| SUMMER SURVEY DATES: JULY 15, 2020 |

LEGEND

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

NOTE:
1. ADDITIONAL DETAILS INCLUDING SIDE SLOPES AND CROSS SECTION HAVE BEEN ADDED TO GRAPHICALLY REPRESENT IMPACTS.

GRAPHIC SCALE
0 25 50 100
( IN FEET )
1 INCH = 50 FEET

NOTES:
1. TIDAL RANGE IS 0.8 FEET.
2. SOUNDINGS ARE IN FEET AND REFER TO MLW.
3. MATERIAL WILL BE PLACED AT ROCK CREEK DMP SITE.
4. BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY 2012 PLANIMETRICS AND 2020 IMAGERY.


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


DIVIDING CREEK SPURS
SPUR 13
MELISSA & LUKE PAGE
103 CRESSTON RD
ARNOLD, MD 21012
NOVEMBER 2021

Z:\5_18901_DMDING_CRK_DREDGING_2\CAD_FILES\SHEET_FILES\5_18901_SPUR13.DWG