



ANNE ARUNDEL COUNTY ADC MAP COORDINATES:  
MAP 26 GRID E-2, E-3 & F-3

MAP COPYRIGHT ©ADC THE MAP PEOPLE, (800) 829-6277  
PERMITTED USE NUMBER BJE080723.

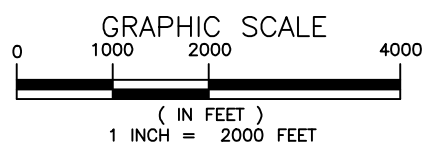
# BEACH NOURISHMENT AT RIVER DRIVE

ANNE ARUNDEL COUNTY, MD

APPL. BY: BAY RIDGE CIVIC ASSOCIATION, INC.

## VICINITY MAP

DATE: REVISED MARCH 2022 SHEET 1 OF 9



**Bay Ridge**  
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



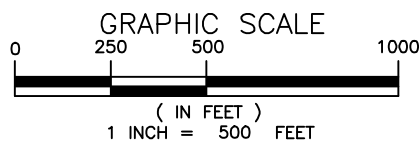
BEACH NOURISHMENT  
AT  
RIVER DRIVE

ANNE ARUNDEL COUNTY, MD

APPL. BY: BAY RIDGE CIVIC ASSOCIATION, INC.

KEY SHEET

DATE: REVISED MARCH 2022 SHEET 2 OF 9



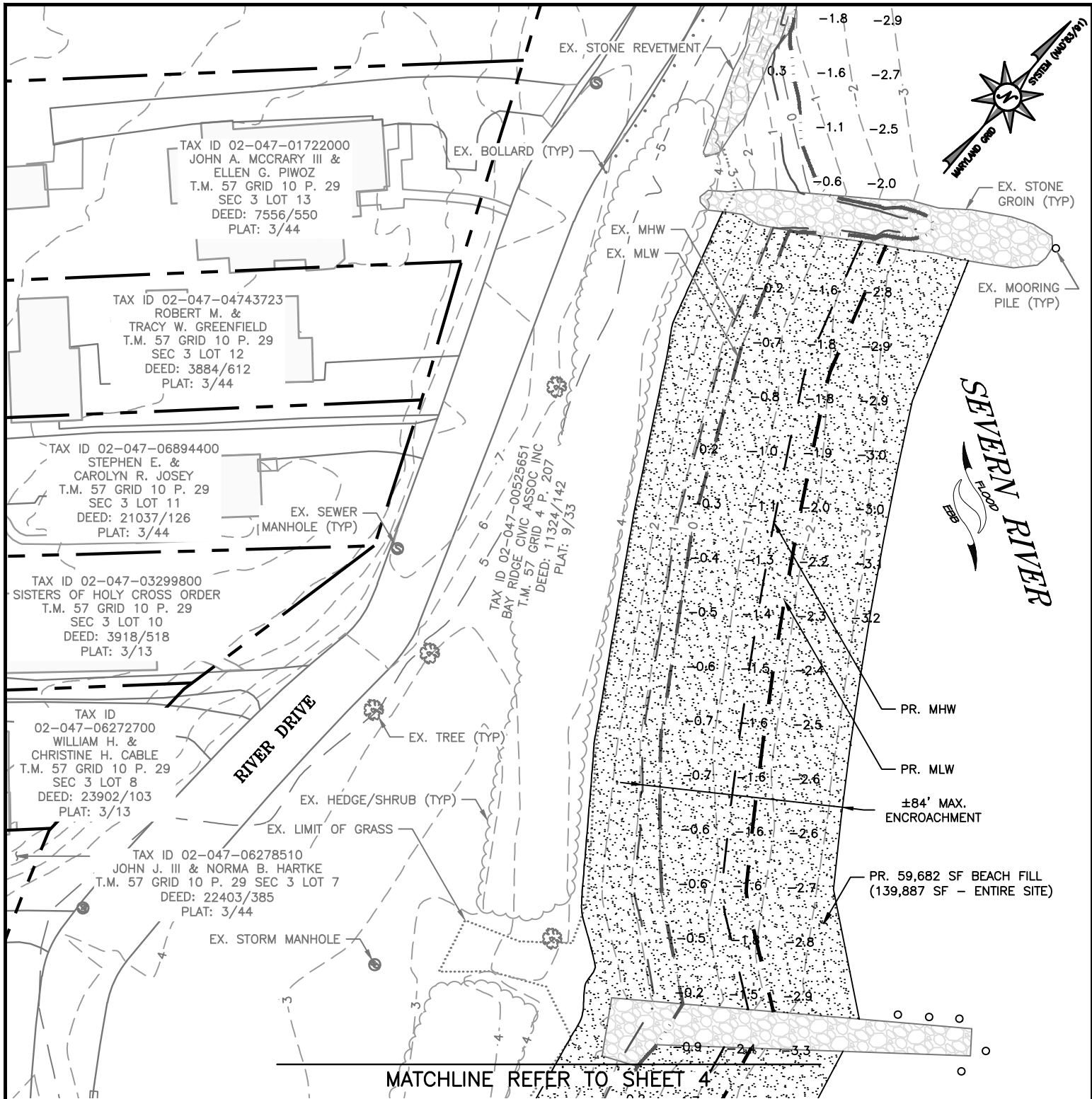
NOTE:  
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY  
2016 PLANIMETRICS AND 2017 IMAGERY.



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# BEACH NOURISHMENT AT RIVER DRIVE

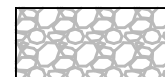
ANNE ARUNDEL COUNTY, MD

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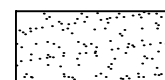
## SITE PLAN

DATE: REVISED MARCH 2022 SHEET 3 OF 9

## HATCH LEGEND



EX. STONE GROIN



PR. SAND FILL

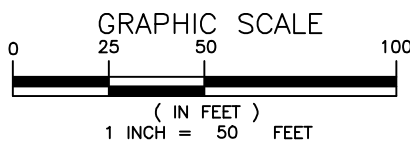
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MATCHLINE REFER TO SHEET 3



TAX ID 02-047-00525651  
BAY RIDGE CIVIC ASSOC INC  
T.M. 57 GRID 4 P. 207  
DEED: 11324/142  
PLAT: 9/33

TAX ID 02-047-00292100  
JOHN & MELISSA MCMAHUS  
T.M. 57 GRID 10 P. 29 SEC 3 LOT 5  
DEED: 31124/288  
PLAT: 3/44

TAX ID 02-047-07103900  
MARY L. CARTER  
T.M. 57 GRID 10 P. 29 SEC 3 LOT 4  
DEED: 23579/86  
PLAT: 3/44

TAX ID 02-047-02287750  
ROBERT A. WRIGHT  
T.M. 57 GRID 10 P. 29  
SEC 3 LOT 3  
DEED: 10608/43  
PLAT: 3/44

TAX ID 02-047-05398400  
ERIC GREENE &  
LYNN E. MORRIS  
T.M. 57 GRID 10  
P. 29 SEC 3 LOT 1  
DEED: 7321/150  
PLAT: 3/44

BAINBRIDGE  
AVENUE

RIVER DRIVE

EX. SHRUB/HEDGE

EX. MLW

EX. MHW

EX. LIMIT OF GRASS

PR. MLW

PR. MHW

±84' MAX.  
ENCROACHMENT

PR. 59,682 SF BEACH FILL  
(139,887 SF - ENTIRE SITE)

EX. STORM INLET (TYP)

EX. SIGN

EX. SEWER  
MANHOLE

EX. MOORING PILE (TYP)

EX. STONE GROIN (TYP)

PREVIOUSLY PERMITTED BEACH NOURISHMENT AREA  
UNDER U.S. ARMY CORPS OF ENGINEER  
CENAB-OP-RMN (BAY RIDGE CIVIC  
ASSOCIATION/BEACH NOURISHMENT) 2019-61790  
AND MARYLAND WETLAND LICENSE NO. 19-WL-1083R

## BEACH NOURISHMENT AT RIVER DRIVE

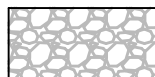
ANNE ARUNDEL COUNTY, MD

APPL. BY: BAY RIDGE CIVIC ASSOCIATION, INC.

### SITE PLAN

DATE: REVISED MARCH 2022 SHEET 4 OF 9

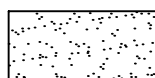
### HATCH LEGEND



EX. STONE GROIN

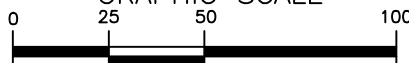


PREVIOUSLY  
PERMITTED BEACH  
NOURISHMENT AREA



PR. SAND FILL

### GRAPHIC SCALE



( IN FEET )  
1 INCH = 50 FEET

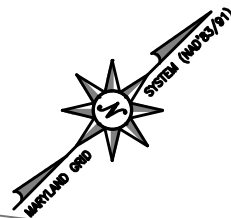
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PREVIOUSLY PERMITTED BEACH NOURISHMENT AREA UNDER  
U.S. ARMY CORPS OF ENGINEER CENAB-OP-RMN (BAY RIDGE  
CIVIC ASSOCIATION/BEACH NOURISHMENT) 2019-61790 AND  
MARYLAND WETLAND LICENSE NO. 19-WL-1083R



TAX ID 02-047-11236430  
ALEXANDER P. EVANS, JR. & KATHERINE S. GUPTILL  
T.M. 57 GRID 10 P. 29 SEC 4 LOT 17  
DEED: 27439/307  
PLAT: 3/44

TAX ID 02-047-08033793  
JAMES W. JR. & GAIL H. MCCONNAUGHAY  
T.M. 57 GRID 10 P. 29 SEC 4 LOT 16  
DEED: 29510/407  
PLAT: 3/44

TAX ID 02-047-09975000  
THEODORE E. CLIFTON III & ROBYN ZGORSKI  
T.M. 57 GRID 10 P. 29 SEC 4 LOT 15  
DEED: 1503/445  
PLAT: 3/44

TAX ID 02-047-09973600  
MAGRARET M. BRYCE & WILLIAM BATES  
T.M. 57 GRID 10 P. 29 SEC 4 LOT 14  
DEED: 30139/158  
PLAT: 3/44

TAX ID 02-047-00289500  
DOUGLAS S. & MICHELLE A. VAUGHTERS  
T.M. 57 GRID 10 P. 29 SEC 4 LOT 13  
DEED: 27801/489  
PLAT: 3/44

TAX ID 02-047-09222812  
SCOTT H. &  
KATHRYN T. ALLAN  
T.M. 57 GRID 10 P. 29  
SEC 4 LOT 11  
DEED: 3860/466  
PLAT: 3/44

EX. SIGN

EX. MLW

EX. MHW

EX. LIMIT  
OF GRASS

EX. WOOD DECK W/  
STEPS & RAMP

EX. TREE (TYP)

RIVER DRIVE

TAX ID 02-047-00525651  
BAY RIDGE CIVIC ASSOC INC  
T.M. 57 GRID 4 P. 207  
DEED: 11324/142  
PLAT: 9/33

EX. SEWER  
MANOLE (TYP)

EX. RIPRAP

PR. MLW

PR. MHW

±84' MAX.  
ENCROACHMENT

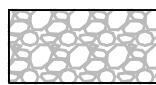
PR. 80,205 SF BEACH FILL  
(139,887 SF - ENTIRE SITE)

EX. STONE GROIN (TYP)

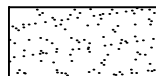
EX. MOORING PILE (TYP)

MATCHLINE REFER TO SHEET 6

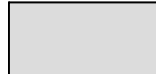
## HATCH LEGEND



EX. STONE GROIN



PR. SAND FILL



PREVIOUSLY  
PERMITTED BEACH  
NOURISHMENT AREA

## BEACH NOURISHMENT AT RIVER DRIVE

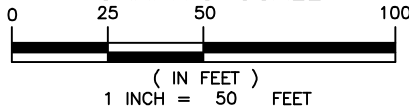
ANNE ARUNDEL COUNTY, MD

APPL. BY: BAY RIDGE CIVIC ASSOCIATION, INC.

## SITE PLAN

DATE: REVISED MARCH 2022 SHEET 5 OF 9

## GRAPHIC SCALE



NOTE:  
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY  
2016 PLANIMETRICS AND 2017 IMAGERY.



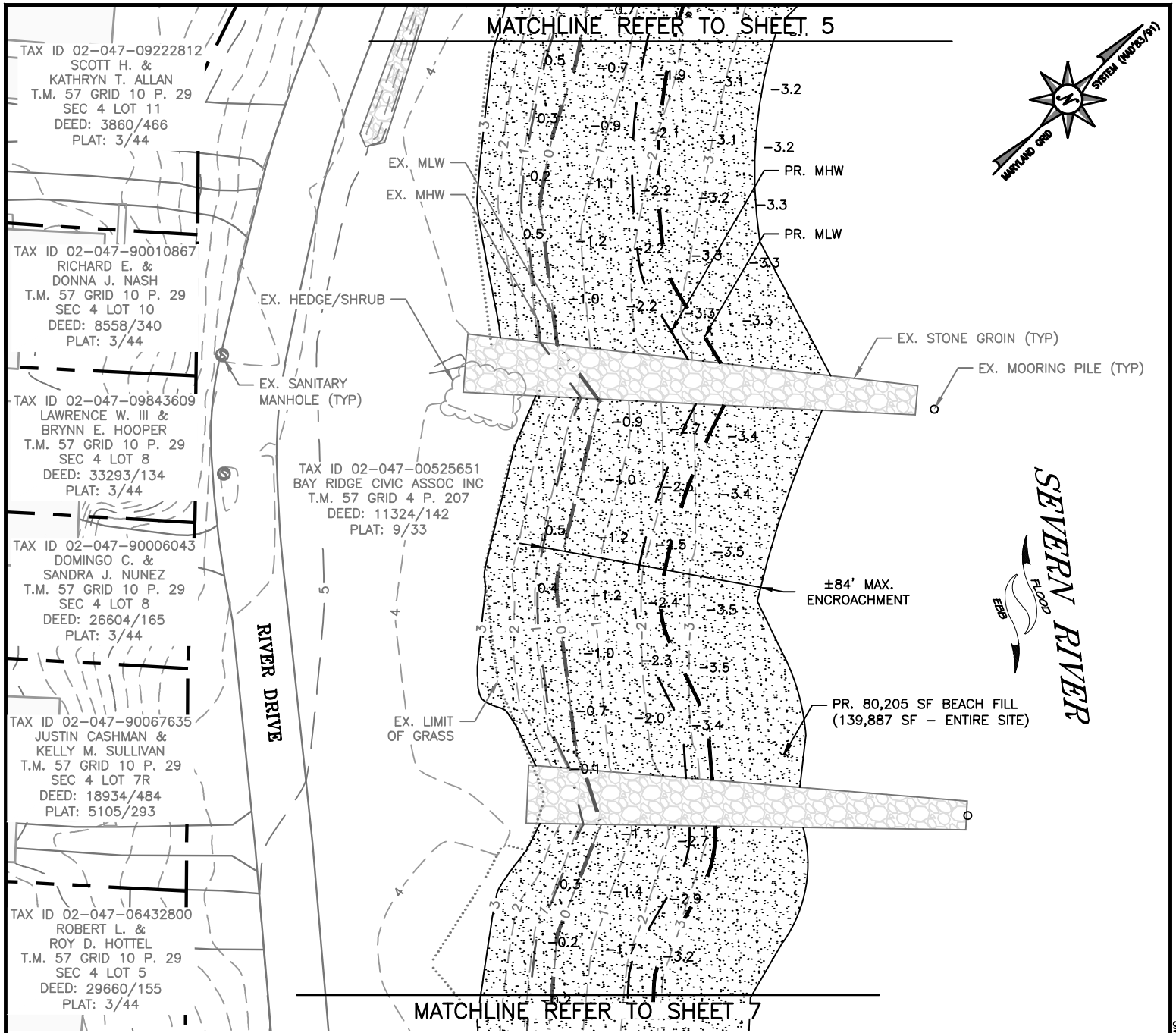
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Z:\B\_02204\_BRCA RIVER DRIVE BEACH NOURISHMENT\CAD FILES\SHEET FILES\B\_02204\_JPA03.DWG





**BEACH NOURISHMENT  
AT  
RIVER DRIVE**

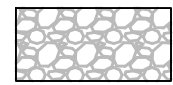
**ANNE ARUNDEL COUNTY, MD**

**APPL. BY: BAY RIDGE CIVIC ASSOCIATION, INC.**

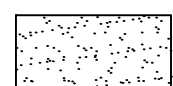
**SITE PLAN**

**DATE: REVISED MARCH 2022 SHEET 6 OF 9**

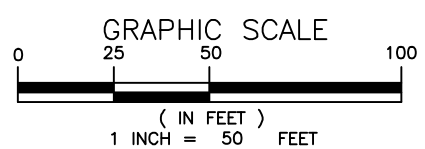
**HATCH LEGEND**



EX. STONE GROIN



PR. SAND FILL



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TAX ID 02-047-06432800  
 ROBERT L. &  
 ROY D. HOTTEL  
 T.M. 57 GRID 10 P. 29  
 SEC 4 LOT 5  
 DEED: 29660/155  
 PLAT: 3/44

TAX ID 02-047-10583506  
 JONATHAN M. &  
 MICHELE E. LEEB  
 T.M. 57 GRID 10 P. 29  
 SEC 4 LOT 4  
 DEED: 31524/494  
 PLAT: 3/44

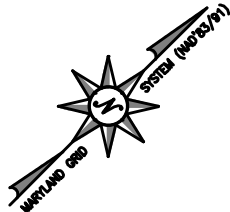
TAX ID 02-047-04246800  
 CLAUDETTE G. LANNING  
 T.M. 57 GRID 10 P. 29  
 SEC 4 LOT 2  
 DEED: 19432/527  
 PLAT: 3/44

TAX ID 02-047-12804450  
 THOMAS E. JR. &  
 SUZANNE M. ZUKAUSKAS  
 T.M. 57 GRID 10 P. 29  
 SEC 4 LOT 1  
 DEED: 2759/561  
 PLAT: 3/44

TAX ID 02-047-08484900  
 TIMOTHY R. & PATRICIA FALK SCHANTZ  
 T.M. 57 GRID 10 P. 29 SEC 4 LOT 84  
 DEED: 33676/1  
 PLAT: 3/44

TAX ID 02-047-00525651  
 BAY RIDGE CIVIC ASSOC INC  
 T.M. 57 GRID 4 P. 207  
 DEED: 11324/142  
 PLAT: 9/33

MATCHLINE REFER TO SHEET 6



RIVER DRIVE

EX. LIMIT OF GRASS

EX. STORM INLET

EX. STONE REVETMENT

EX. SEWER MANHOLE (TYP)

EX. VAULT

EX. TRANSFORMER

EX. PIER

PR. MHW

PR. MLW

EX. STONE GROIN (TYP)

EX. MOORING PILE (TYP)

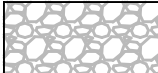
±84' MAX. ENCROACHMENT

EX. WOOD JETTY

PR. 80,205 SF BEACH FILL  
 (139,887 SF - ENTIRE SITE)

SEVERN RIVER  
 FLOOD

**HATCH LEGEND**



EX. STONE GROIN



PR. SAND FILL

**BEACH NOURISHMENT  
 AT  
 RIVER DRIVE**

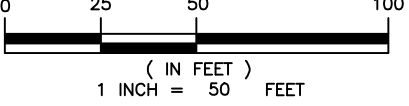
ANNE ARUNDEL COUNTY, MD

APPL. BY: BAY RIDGE CIVIC ASSOCIATION, INC.

**SITE PLAN**

DATE: REVISED MARCH 2022 SHEET 7 OF 9

**GRAPHIC SCALE**



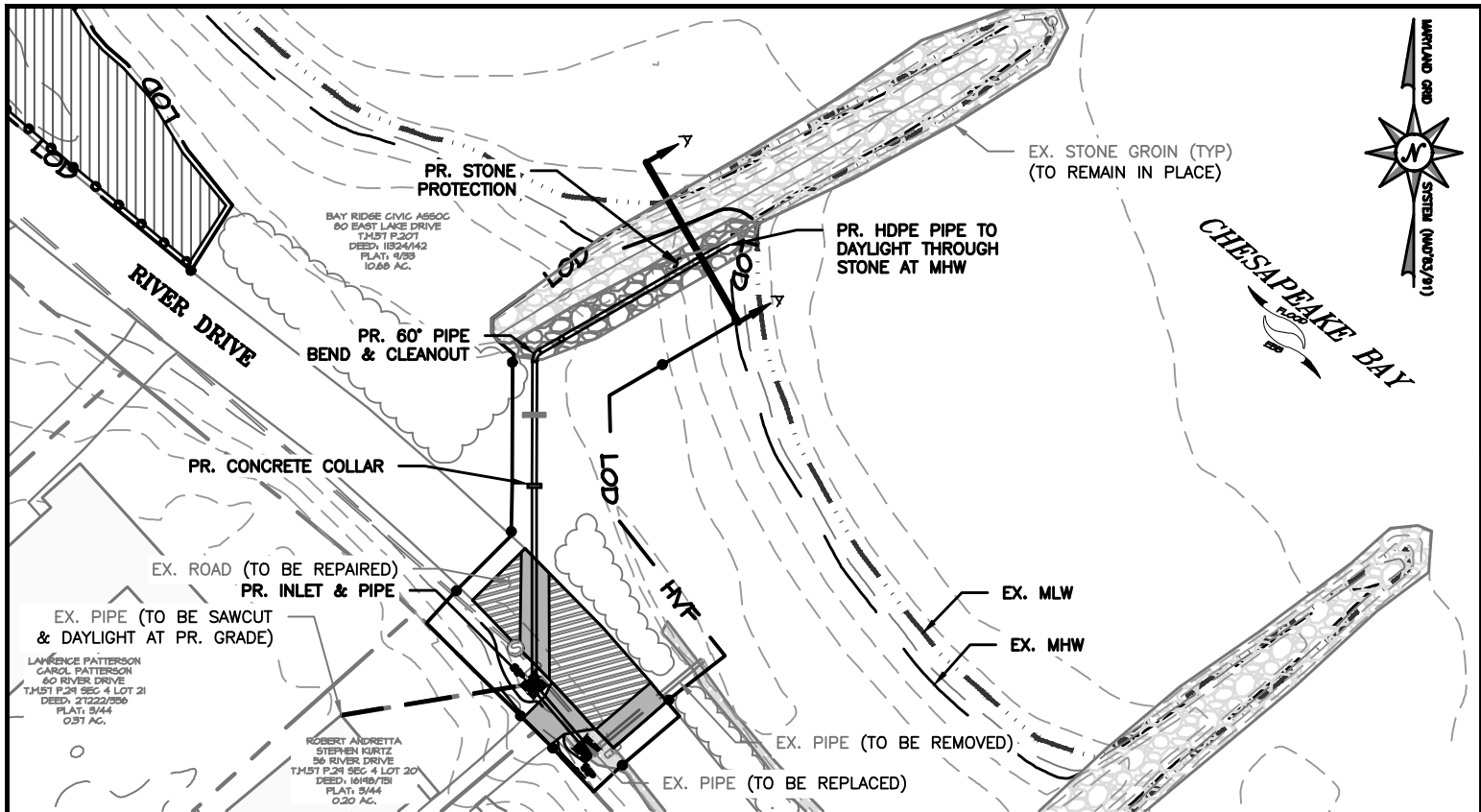
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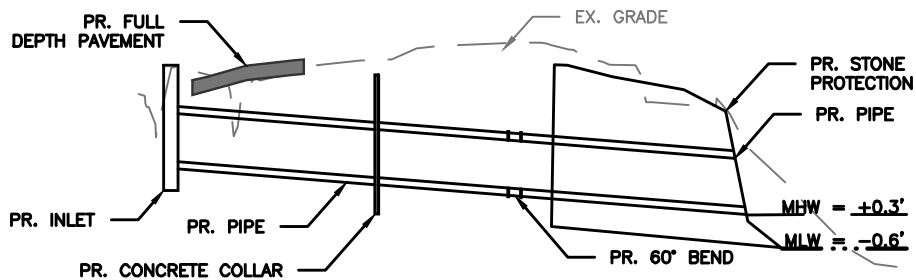
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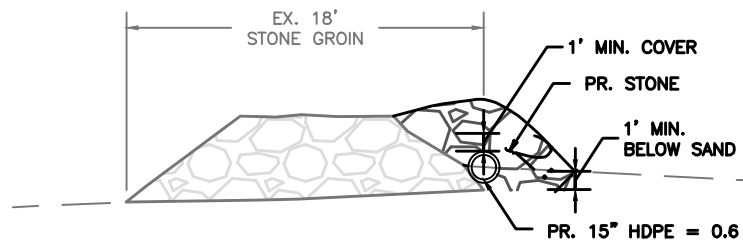
## SITE PLAN

SCALE: 1" = 50'



## TYPICAL PROFILE

SCALE: 1" = 50'



BEACH NOURISHMENT  
AT  
RIVER DRIVE

## SECTION A-A

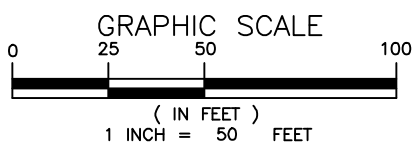
SCALE: 1" = 10'

ANNE ARUNDEL COUNTY, MD

APPL. BY: BAY RIDGE CIVIC ASSOCIATION, INC.

PROPOSED PIPE PLAN AND DETAILS

DATE: REVISED MARCH 2022 SHEET 8 OF 9



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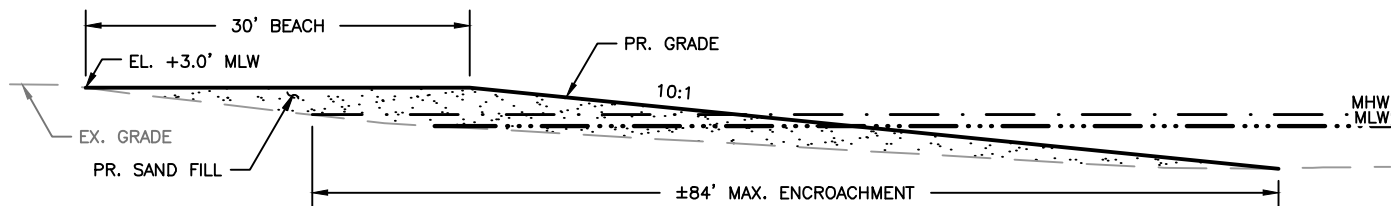


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## TYPICAL BEACH FILL SECTION

SCALE: NTS

## PROJECT SUMMARY

### SAND FILL:

NORTH BEACH - 59,682 SF, 653 LF (14,500 CY)

SOUTH BEACH - 80,205 SF, 898 LF (20,000 CY)

TOTAL - 139,887 SF (34,500 CY)

## IMPACT SUMMARY

TOTAL PROPOSED IMPACT = 139,939 SF (3.21 ACRES)

TOTAL AREA OF IMPACT FROM MHW INTO TIDAL WATERS: 114,054 SF (2.62 ACRES)

TOTAL AREA OF IMPACT TO PRIVATE TIDAL WETLANDS: 0 SF

## NOTES

1. BASEMAP COMPILED FROM ANNE ARUNDEL COUNTY 2016 PLANIMETRICS AND 2017 IMAGERY.
2. SOUNDINGS AND CONTOURS ARE IN FEET AND REFER TO MLW.
3. TIDAL RANGE ~0.9 FEET.
4. BATHYMETRIC SURVEY WAS PERFORMED BY DRUM, LOYKA & ASSOCIATES, LLC. ON JULY 19, 2019.
5. THESE ARE PERMIT DRAWINGS ONLY AND SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.

## BEACH NOURISHMENT AT RIVER DRIVE

ANNE ARUNDEL COUNTY, MD

APPL. BY: BAY RIDGE CIVIC ASSOCIATION, INC.

## SITE DETAIL & NOTES

DATE: REVISED MARCH 2022 SHEET 9 OF 9