



ANNE ARUNDEL COUNTY ADC MAP COORDINATES:
MAP 21 GRID K-6,7

MAP COPYRIGHT ©ADC THE MAP PEOPLE, (800) 829-6277
PERMITTED USE NUMBER 031205BJE.

HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

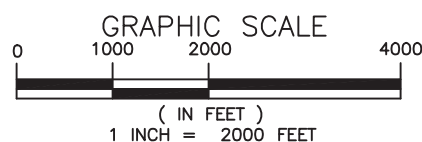
ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

VICINITY MAP

DATE: JUNE 2020 SHEET 1 OF 11

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

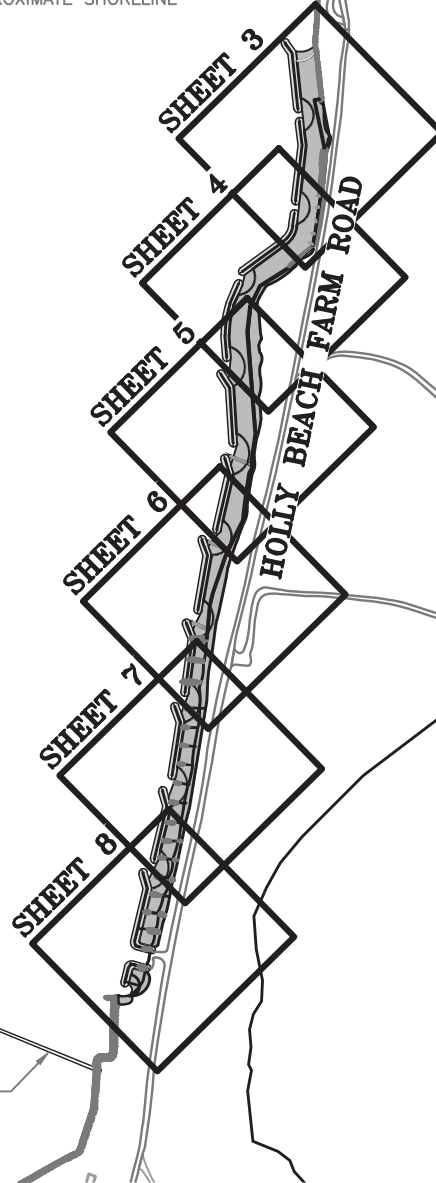


BayLand
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

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

WHITEHALL BAY
EBB FLOOD

APPROXIMATE SHORELINE



CHESAPEAKE BAY
EBB FLOOD



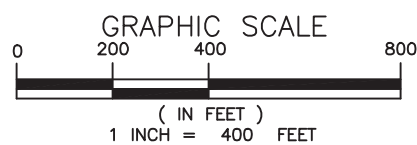
HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

KEY SHEET

DATE: JUNE 2020 SHEET 2 OF 11



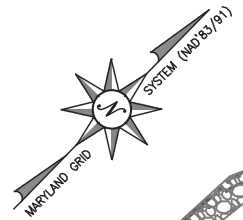
NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2016 PLANIMETRICS AND 2017 IMAGERY.



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

WHITEHALL BAY



PR. 159 LF STONE BREAKWATER
TOP EL. +2.5' MLW
(70' MAX. ENCROACHMENT FROM MHW)

PR. 183 LF STONE BREAKWATER
TOP EL. +2.5' MLW
(70' MAX. ENCROACHMENT FROM MHW)

EX. RIP RAP
(TO BE REMOVED AS
NEEDED FOR CONSTRUCTION)

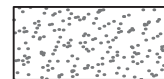
PR. MARSH PLANTINGS
TIE IN TO APPROX. EL. +3.0' MLW±, LOCATION VARIES.
(70,534 SF - ENTIRE SITE)

PR. SAND FILL (TYP)
(87,482 SF - ENTIRE SITE)

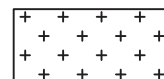
EX. BULKHEAD
(TO BE REMOVED AS
NEEDED FOR CONSTRUCTION)

PR. MHW

HATCH LEGEND



PR. SAND FILL



PR. MARSH PLANTINGS

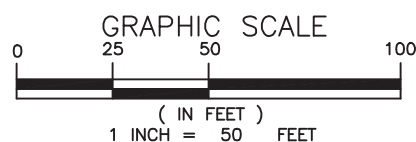
HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE PLAN

DATE: JUNE 2020 SHEET 3 OF 11



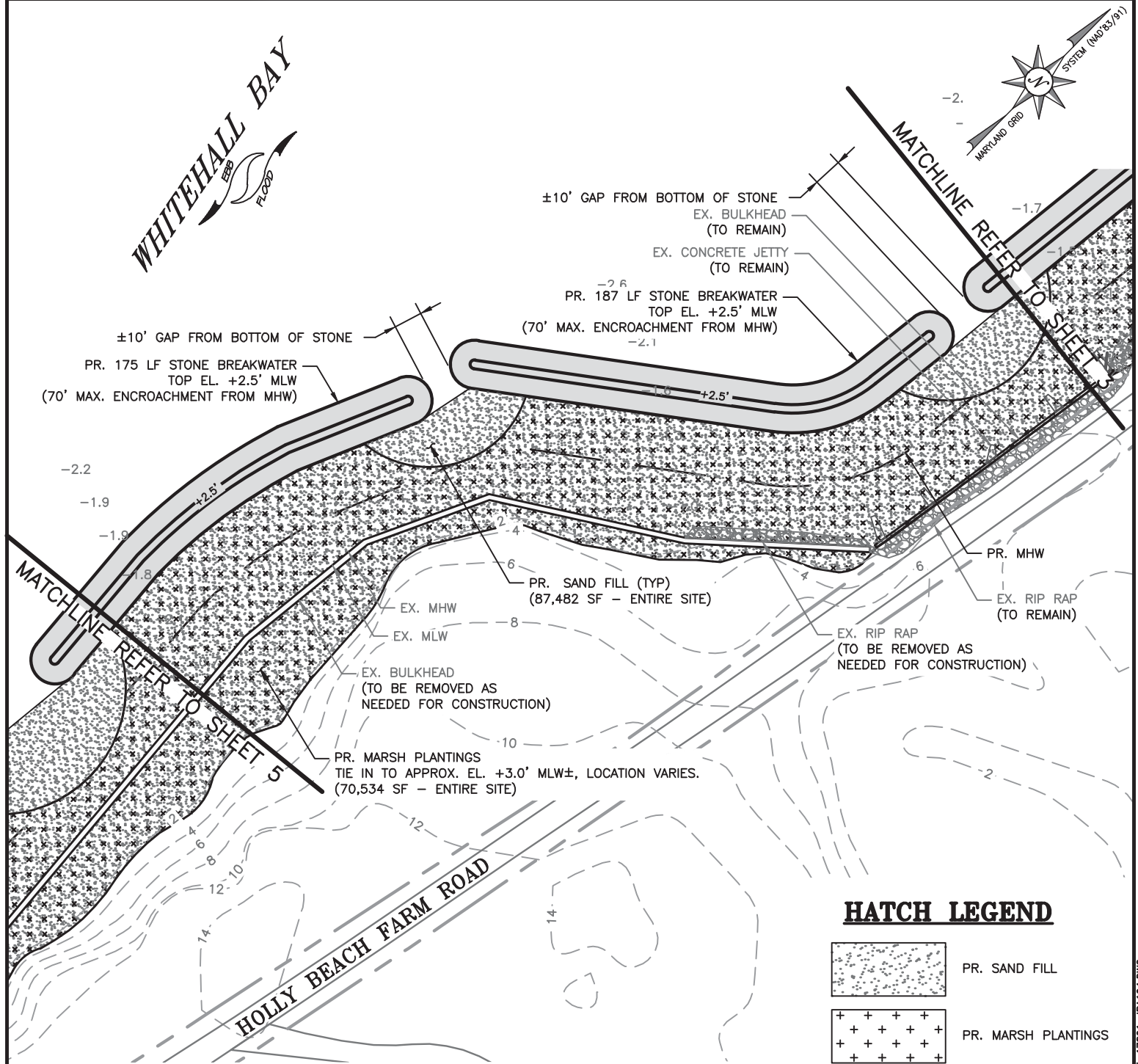
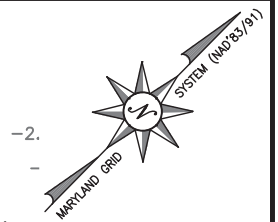
NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2016 PLANIMETRICS AND 2017 IMAGERY.



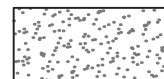
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

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

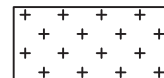
WHITEHALL BAY



HATCH LEGEND



PR. SAND FILL



PR. MARSH PLANTINGS

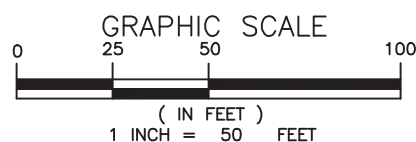
HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE PLAN

DATE: JUNE 2020 SHEET 4 OF 11



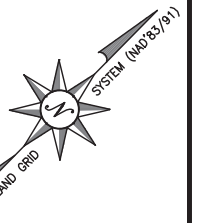
NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2016 PLANIMETRICS AND 2017 IMAGERY.



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

WHITEHALL BAY



±20' GAP FROM BOTTOM OF STONE

PR. 166 LF STONE BREAKWATER
TOP EL. +2.5' MLW
(70' MAX. ENCROACHMENT FROM MHW)

-2.0
-1.9
-1.7

MATCHLINE REFER TO SHEET 4

EX. BULKHEAD
(TO BE REMOVED AS
NEEDED FOR CONSTRUCTION)

±20' GAP FROM BOTTOM OF STONE

PR. 170 LF STONE BREAKWATER
TOP EL. +2.5' MLW
(70' MAX. ENCROACHMENT FROM MHW)

HOLLY BEACH FARM ROAD

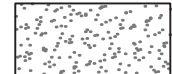
TAX ID 03-000-90005158
CHESAPEAKE BAY FOUNDATION INC.
T.M. 47 GRID 14 P. 47
DEED: 11638/689
PLAT: 243/2

PR. WOODY DEBRIS FEATURE

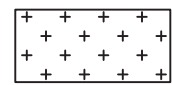
PR. SAND FILL (TYP)
(87,482 SF - ENTIRE SITE)

PR. MARSH PLANTINGS
TIE IN TO APPROX. EL. +3.0' MLW±, LOCATION VARIES.
(70,534 SF - ENTIRE SITE)

HATCH LEGEND



PR. SAND FILL



PR. MARSH PLANTINGS

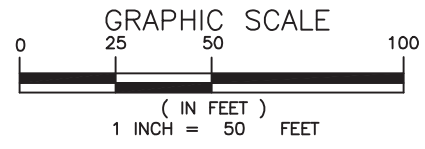
HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE PLAN

DATE: JUNE 2020 SHEET 5 OF 11



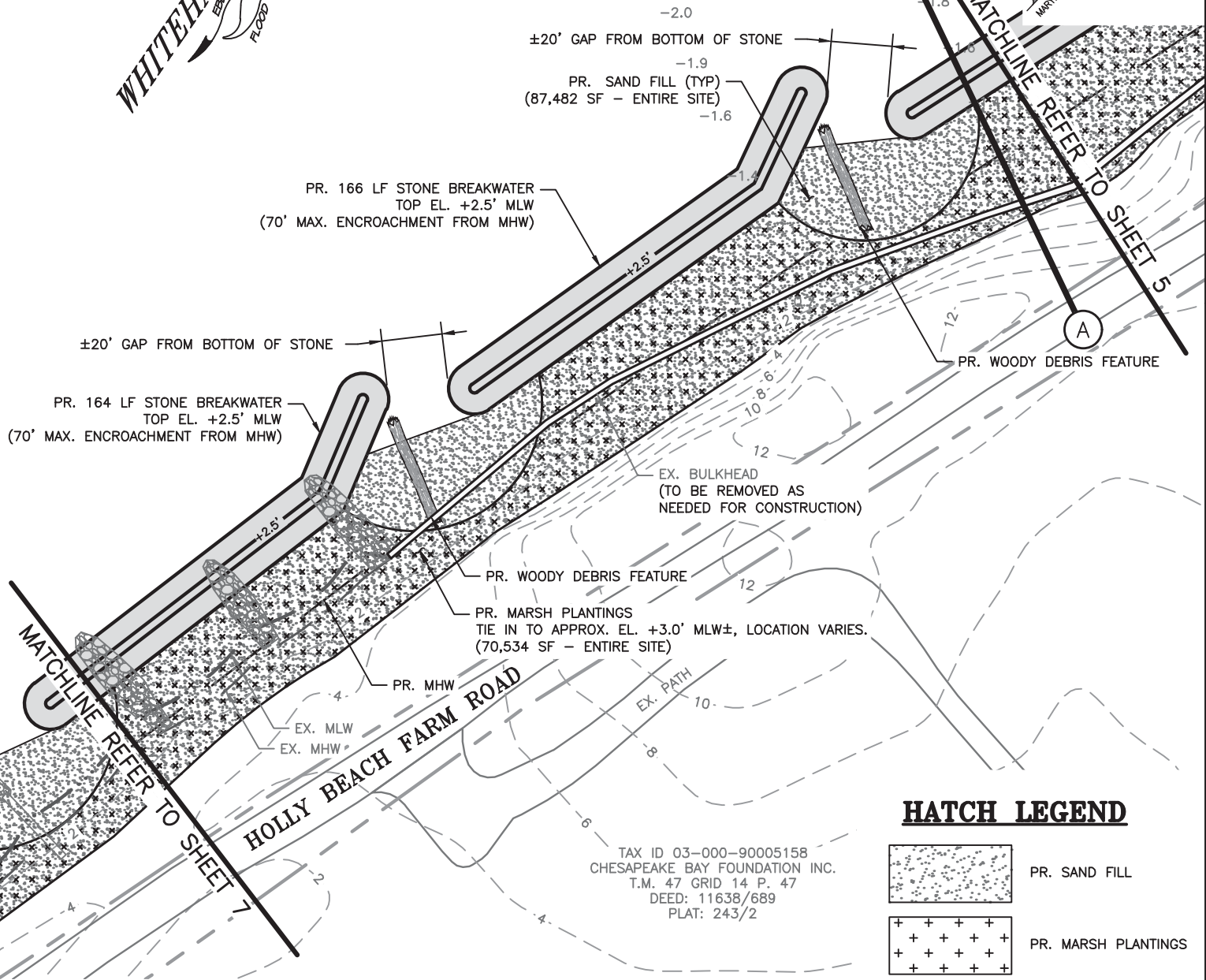
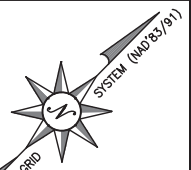
NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2016 PLANIMETRICS AND 2017 IMAGERY.



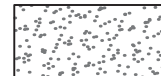
Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
www.baylandinc.com

Z:\5_17801_GOOSE_CREEK_&_HOLLY_CONSERVATION_LIS\CAD FILES\SHEET FILES\5_17801_JPAT05.DWG

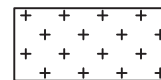
WHITEHALL BAY



HATCH LEGEND



PR. SAND FILL



PR. MARSH PLANTINGS

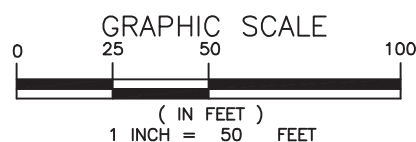
HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE PLAN

DATE: JUNE 2020 SHEET 6 OF 11



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

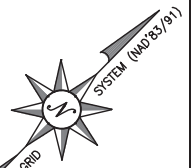


Consultants & Designers, Inc.

"Integrating Engineering and Environment"

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

WHITEHALL BAY



±20' GAP FROM BOTTOM OF STONE

-2.0

-2.0

-1.9

PR. 163 LF STONE BREAKWATER
TOP EL. +2.5' MLW
(70' MAX. ENCROACHMENT FROM MHW)

±20' GAP FROM BOTTOM OF STONE

PR. 164 LF STONE BREAKWATER
TOP EL. +2.5' MLW
(70' MAX. ENCROACHMENT FROM MHW)

-1.9

EX. TIMBER JETTY
(TO BE REMOVED AS
NEEDED FOR CONSTRUCTION)

HOLLY BEACH FARM ROAD

PR. SAND FILL (TYP)
(87,482 SF - ENTIRE SITE)

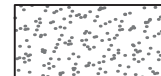
PR. MARSH PLANTINGS
TIE IN TO APPROX. EL. +3.0' MLW±, LOCATION VARIES.
(70,534 SF - ENTIRE SITE)

EX. MHW

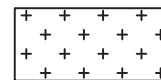
EX. MLW

TAX ID 03-000-90005158
CHESAPEAKE BAY FOUNDATION INC.
T.M. 47 GRID 14 P. 47
DEED: 11638/689
PLAT: 243/2

HATCH LEGEND



PR. SAND FILL



PR. MARSH PLANTINGS

HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

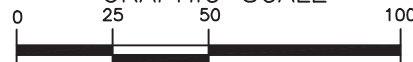
ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE PLAN

DATE: JUNE 2020 SHEET 7 OF 11

GRAPHIC SCALE



(IN FEET)
1 INCH = 50 FEET

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



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

WHITEHALL BAY

±20' GAP FROM BOTTOM OF STONE
PR. SAND FILL (TYP)
(87,482 SF - ENTIRE SITE)
PR. 206 LF STONE BREAKWATER
TOP EL. +2.5' MLW
(70' MAX. ENCROACHMENT FROM MHW)

MATCHLINE REFER TO SHEET 7



±25' GAP FROM BOTTOM OF STONE
PR. 90 LF STONE BREAKWATER
TOP EL. +2.5' MLW
(70' MAX. ENCROACHMENT FROM MHW)
±20' GAP FROM
BOTTOM OF STONE

EX. TIMBER JETTY (TYP)
(TO BE REMOVED AS
NEEDED FOR CONSTRUCTION)
PR. MARSH PLANTINGS
TIE IN TO APPROX. EL. +3.0' MLW±, LOCATION VARIES.
(70,534 SF - ENTIRE SITE)

EX. MLW
EX. MHW
EX. PATH
(TO REMAIN)

EX. TIMBER JETTIES
(TO REMAIN)

EX. MARSH (TYP)
(TO REMAIN)

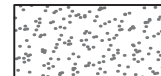
EX. RIP RAP
(TO REMAIN)

EX. CANOE LAUNCH
(TO REMAIN)

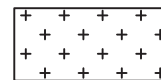
HOLLY BEACH FARM ROAD

TAX ID 03-000-20559402
CHESAPEAKE BAY FOUNDATION INC.
T.M. 47 GRID 19 P. 45
DEED: 11638/689

HATCH LEGEND



PR. SAND FILL



PR. MARSH PLANTINGS

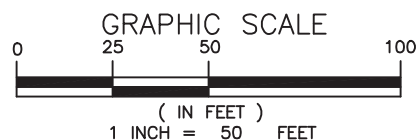
HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE PLAN

DATE: JUNE 2020 SHEET 8 OF 11



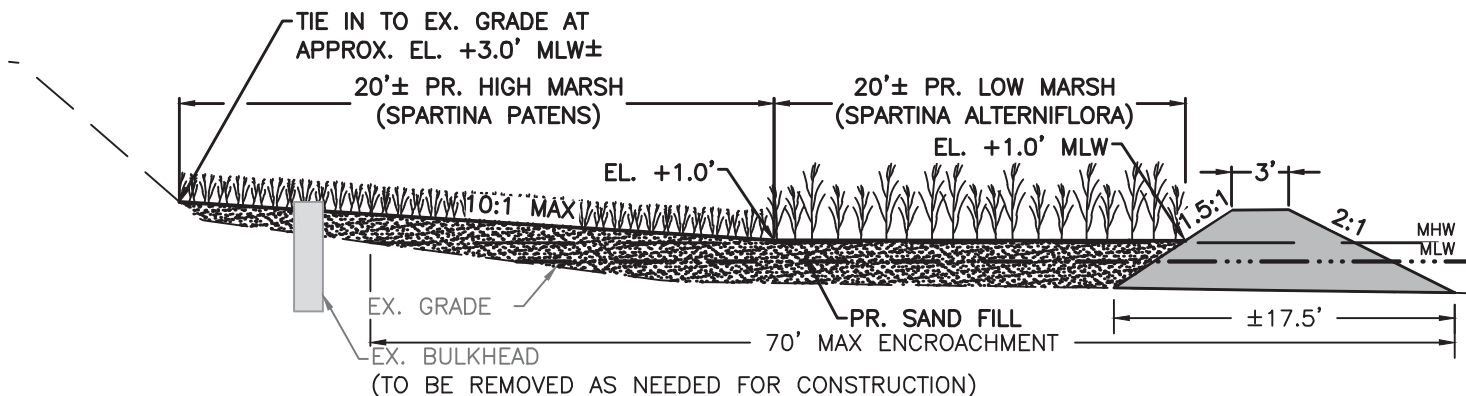
NOTE:
BASEMAP TAKEN FROM ANNE ARUNDEL COUNTY
2016 PLANIMETRICS AND 2017 IMAGERY.



Consultants & Designers, Inc.

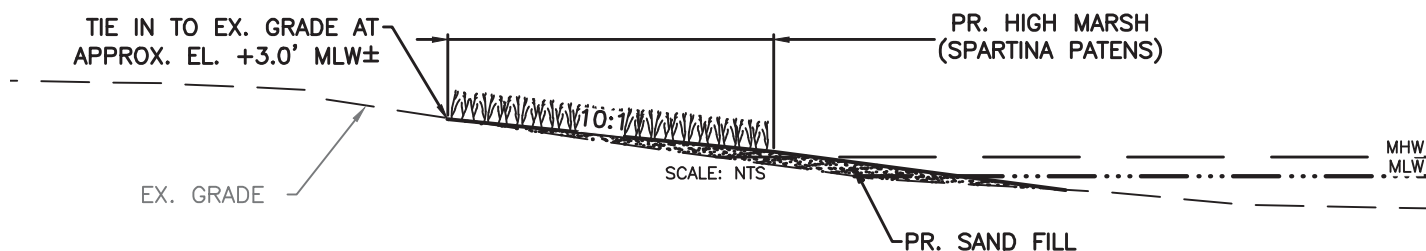
"Integrating Engineering and Environment"

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

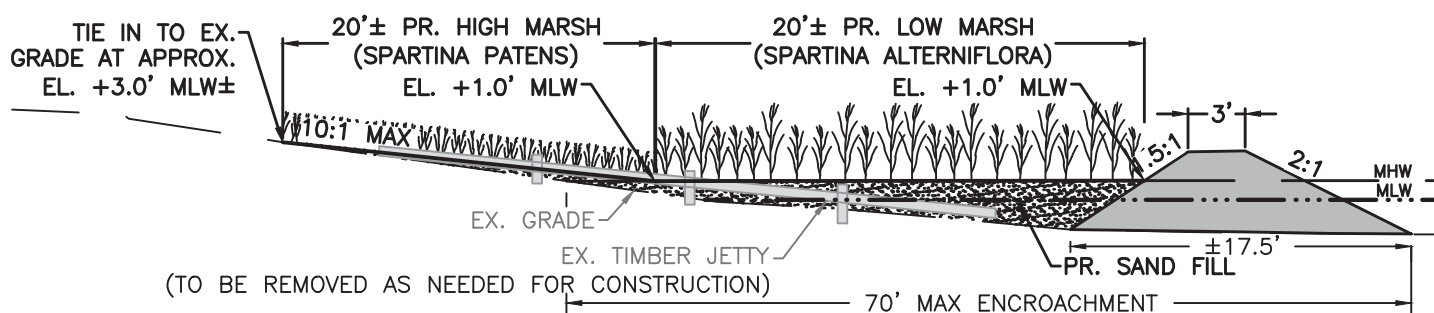


SECTION A: STONE BREAKWATER AT EX. BULKHEAD

SCALE: NTS



SECTION B: BEACH HABITAT



SECTION C: STONE BREAKWATER AT EX. TIMBER JETTY

SCALE: NTS

HOLLY BEACH FARM
CONSERVATION EASEMENT
LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE DETAILS

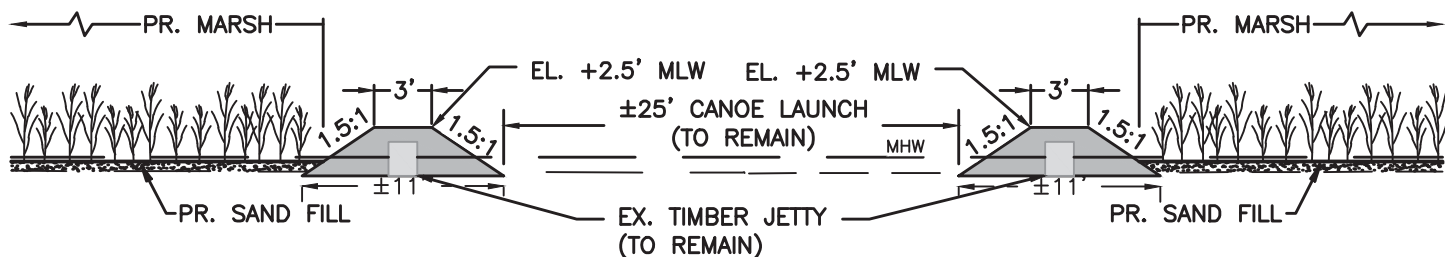
DATE: JUNE 2020 SHEET 9 OF 11



Consultants & Designers, Inc.

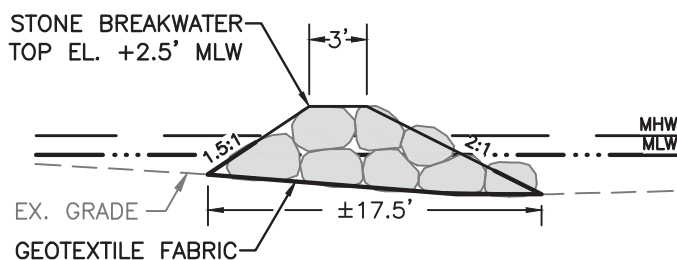
"Integrating Engineering and Environment"

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



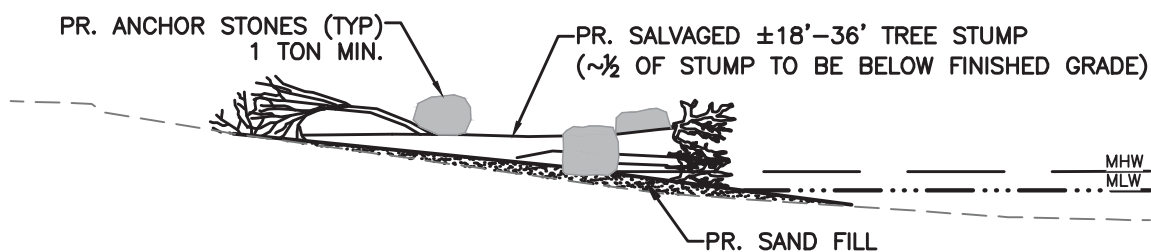
SECTION D: STONE BREAKWATER AT CANOE LAUNCH

SCALE: NTS



TYPICAL STONE BREAKWATER

SCALE: NTS



TYPICAL WOODY DEBRIS HABITAT

SCALE: NTS

HOLLY BEACH FARM
CONSERVATION EASEMENT
LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE DETAILS

DATE: JUNE 2020 SHEET 10 OF 11



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

PROJECT SUMMARY

PROPOSED STRUCTURES:

STONE BREAKWATER

TOTAL LENGTH - 1,993 LF

AVERAGE WIDTH - 17.5 FT

MAX. CHANNELWARD ENCROACHMENT - 70 FT

MARSH PLANTINGS - 70,534 SF

SAND FILL - 87,482 SF

IMPACT SUMMARY

TOTAL PROPOSED IMPACT = 120,477 SF (2.77 ACRES)

TOTAL AREA OF IMPACT FROM MHW INTO TIDAL WATERS: 100,895 SF (2.32 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 1.0 FEET.
4. BATHYMETRIC SURVEY WAS PERFORMED BY BAYLAND ON 11/07/2019.
5. THESE ARE PERMIT DRAWINGS ONLY AND SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.

HOLLY BEACH FARM CONSERVATION EASEMENT LIVING SHORELINE

ANNE ARUNDEL COUNTY

APPL. BY: THE CHESAPEAKE BAY
FOUNDATION

SITE NOTES

DATE: JUNE 2020 SHEET 11 OF 11

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



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