

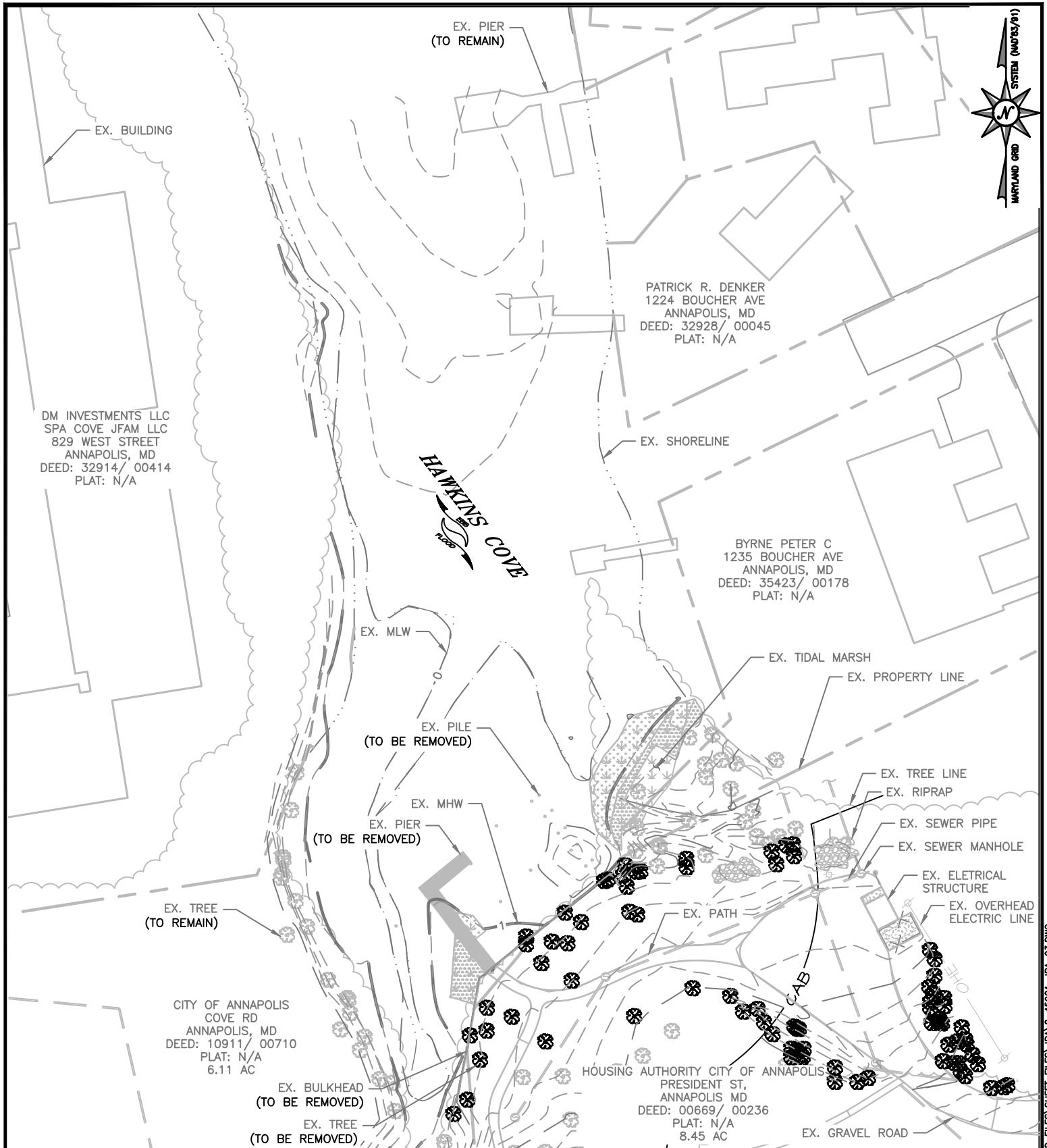
HAWKINS COVE LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

KEY SHEET

DATE: DECEMBER 2025 SHEET 2 OF 16



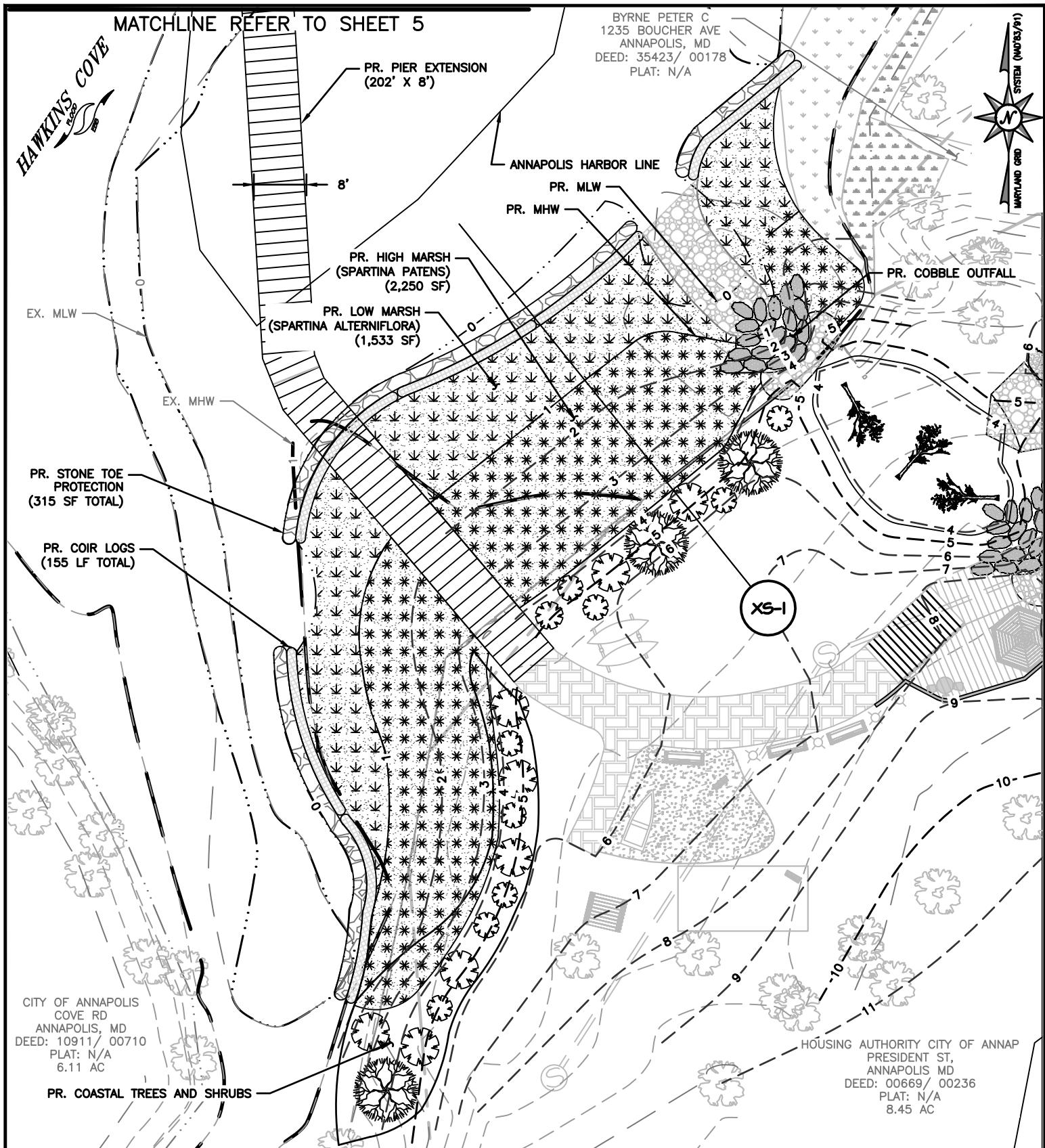


HAWKINS COVE LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

EXISTING CONDITIONS

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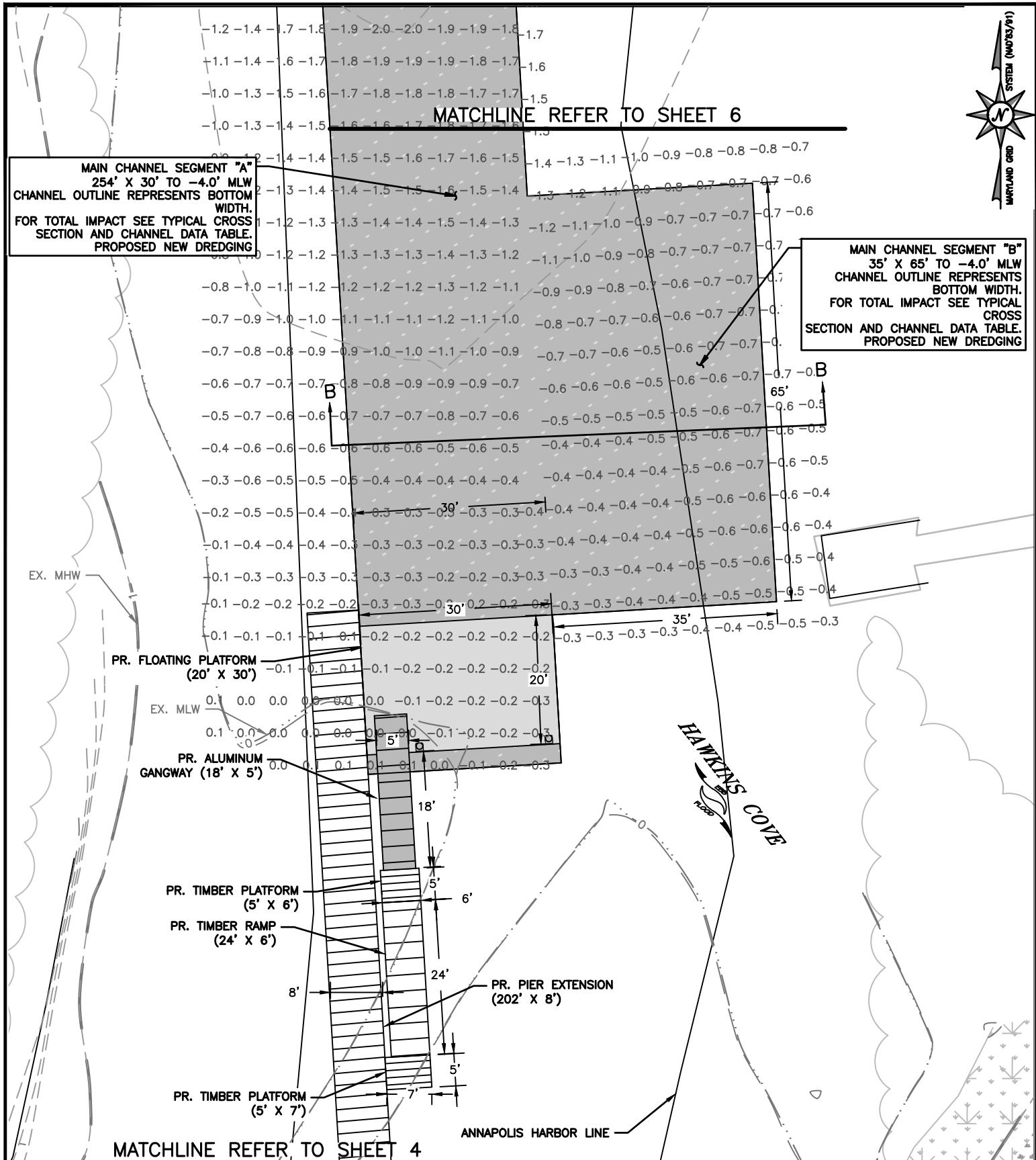


HAWKINS COVE LIVING SHORELINE

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SITE PLAN

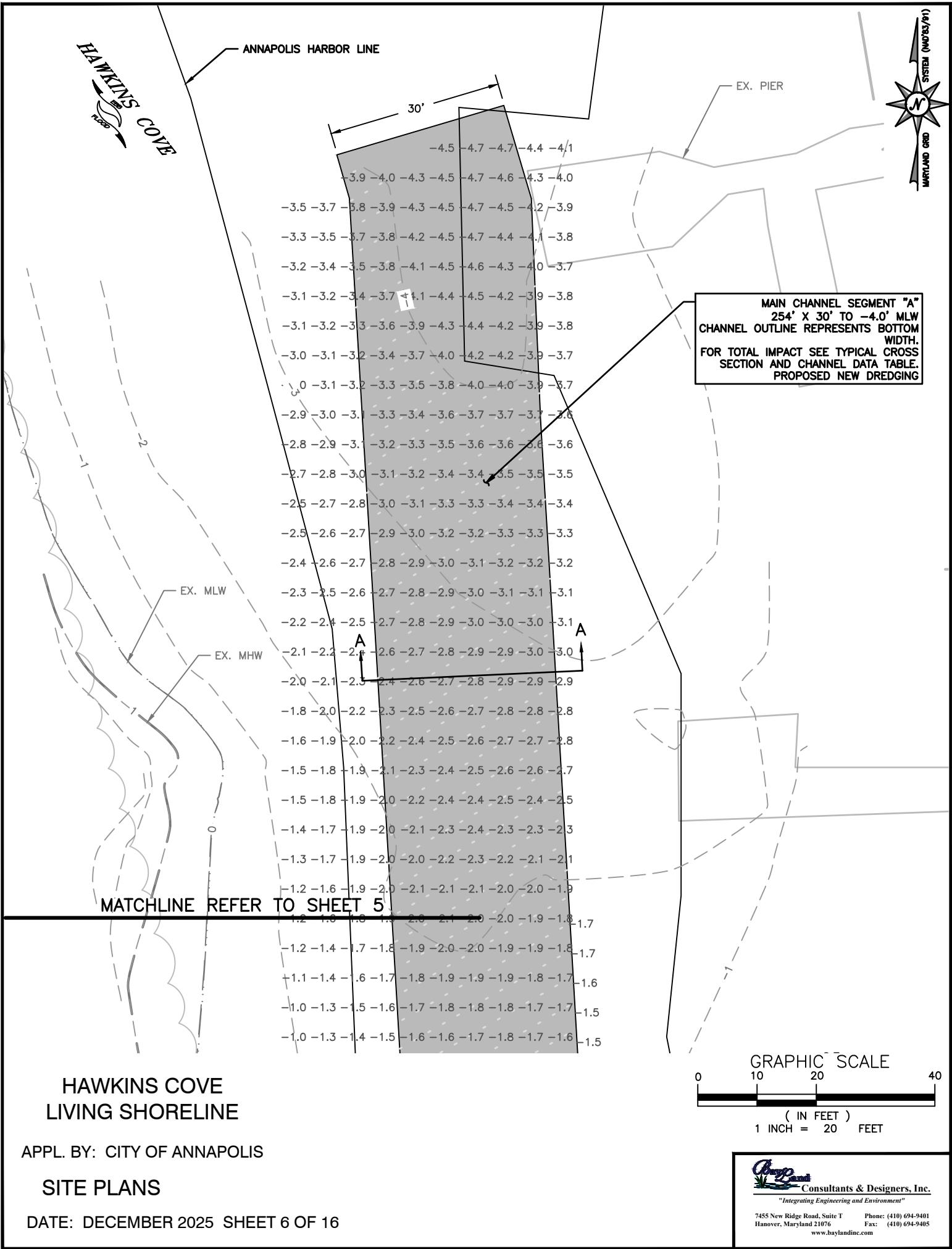
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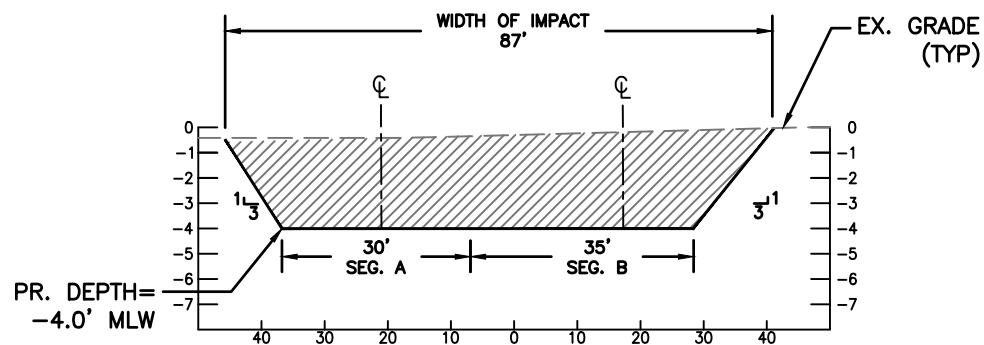
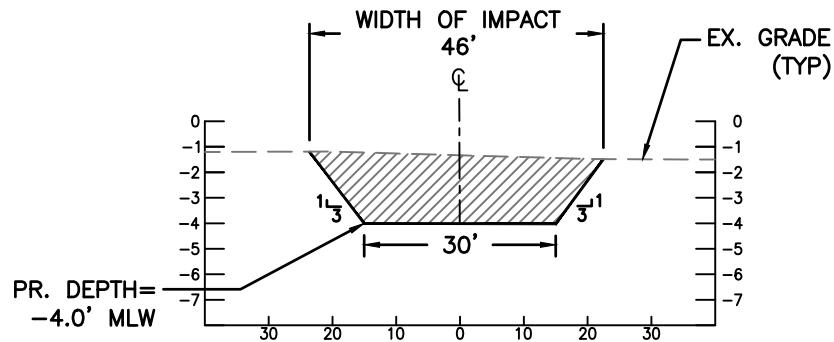


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SITE PLANS

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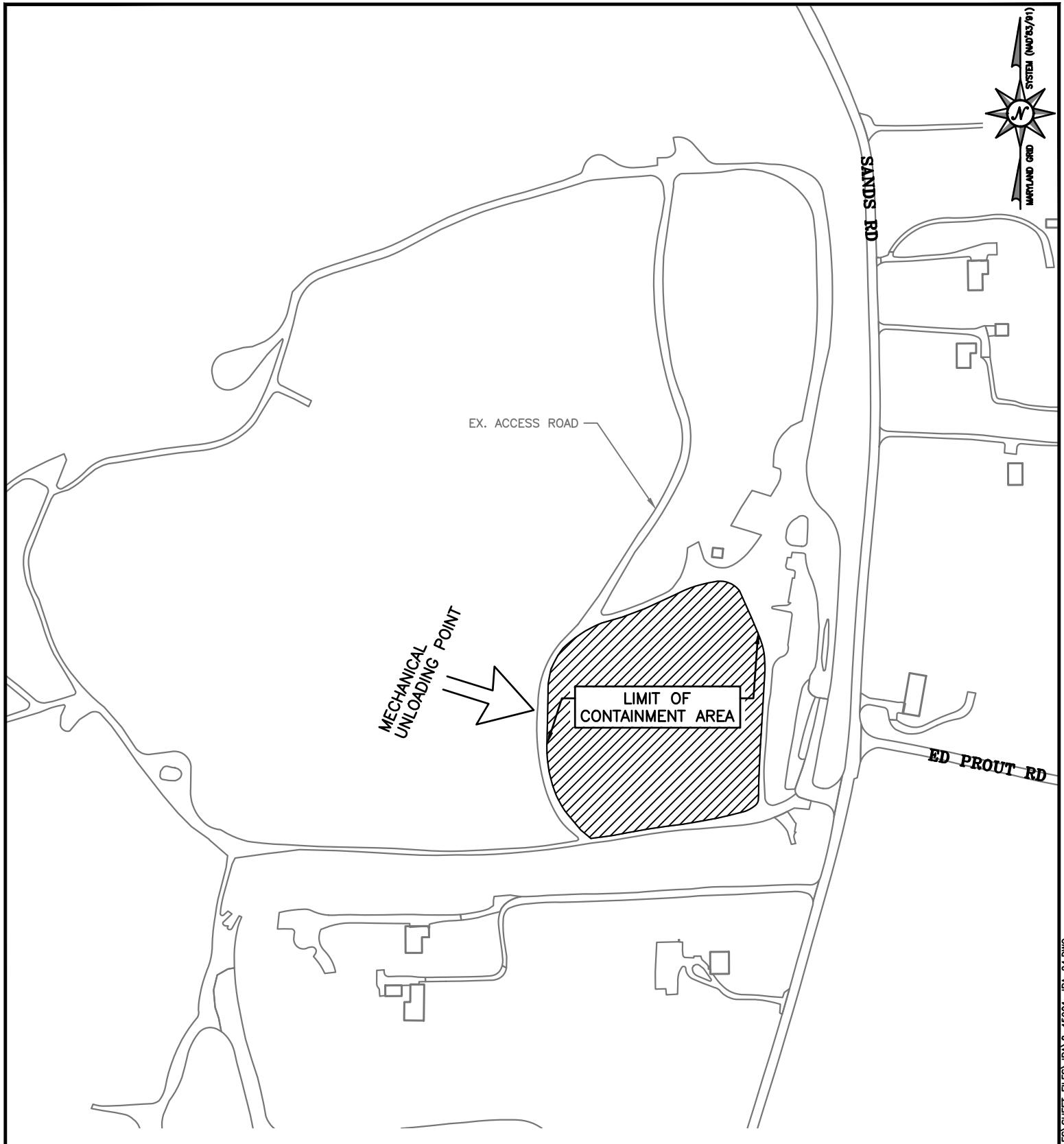


HAWKINS COVE LIVING SHORELINE

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CHANNEL DETAILS

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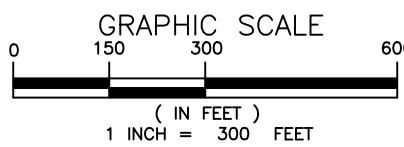


HAWKINS COVE LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

WESTPORT RECLAMATION DMP SITE

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CHANNEL DETAILS				
SEGMENT	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (CY)
A	254	30	-4.0	685
B	65	35	-4.0	371
TOTAL MAIN CHANNEL LENGTH				319 LF
TOTAL MAIN CHANNEL VOLUME				1,056 CY
TOTAL MAIN CHANNEL AREA OF IMPACT (INCLUDING SIDE SLOPES)				13,334 SF = 0.31 AC
TOTAL NEW AREA OF DREDGING				13,334 SF = 0.31 AC
TOTAL MAIN CHANNEL AREA OF IMPACT TO 2024 SAV				0 SF = 0 AC

NOTES:

1. TOPOGRAPHIC SURVEY PERFORMED BY BAYLAND CONSULTANTS & DESIGNERS, INC., DATED JULY 31, 2023. BATHYMETRY FROM BAYLAND CONSULTANTS & DESIGNERS INC., DATED OCTOBER 16, 2024. SUBMERGED AQUATIC VEGETATION (SAV) SURVEY ACQUIRED FROM VIRGINIA INSTITUTE OF MARINE SCIENCE (VIMS), DATED 2023.
2. HORIZONTAL AND VERTICAL CONTROL ESTABLISHED FROM REAL TIME KINEMATIC (RTK) GLOBAL POSITIONING SYSTEM (GPS) CONTROL POINTS. TRAVERSE POINTS ARE IRON REBAR UNLESS OTHERWISE SPECIFIED.
3. THE EXISTING UTILITIES, GRADES, AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO CONSTRUCTION. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS AND ANY DAMAGE TO THEM SHALL BE REPAIRED IMMEDIATELY AT HIS OWN EXPENSE.
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7. RIPRAP SHOWN IN PLAN VIEW AND PROFILE ARE SYMBOLIC AND DO NOT REPRESENT INDIVIDUAL STONES.
8. THE TRIBUTARY IS AN UNNAMED TRIBUTARY TO SPA CREEK (SEVERN RIVER WATERSHED MD BASIN CODE: 02131002) WHICH IS A USE I STREAM WITH A STREAM CLOSURE PERIOD FROM MARCH 1ST THROUGH JUNE 15TH.
9. THE PROJECT SITE IS LOCATED WITHIN THE CRITICAL AREA (0.56 ACRES IN RCA, 0.09 ACRES IN IDA).

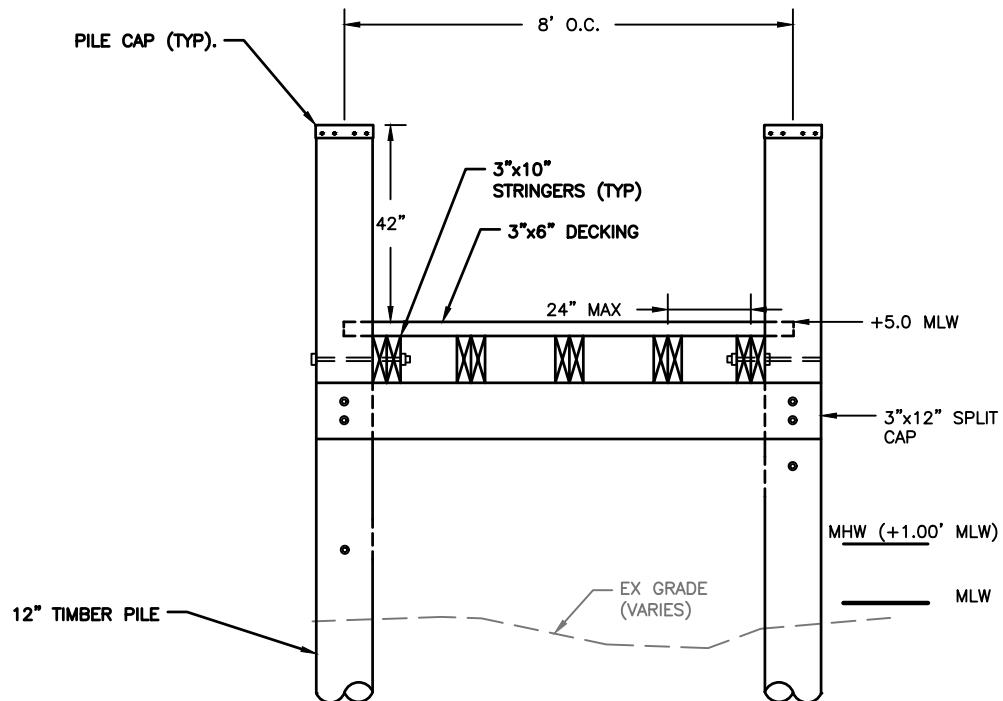
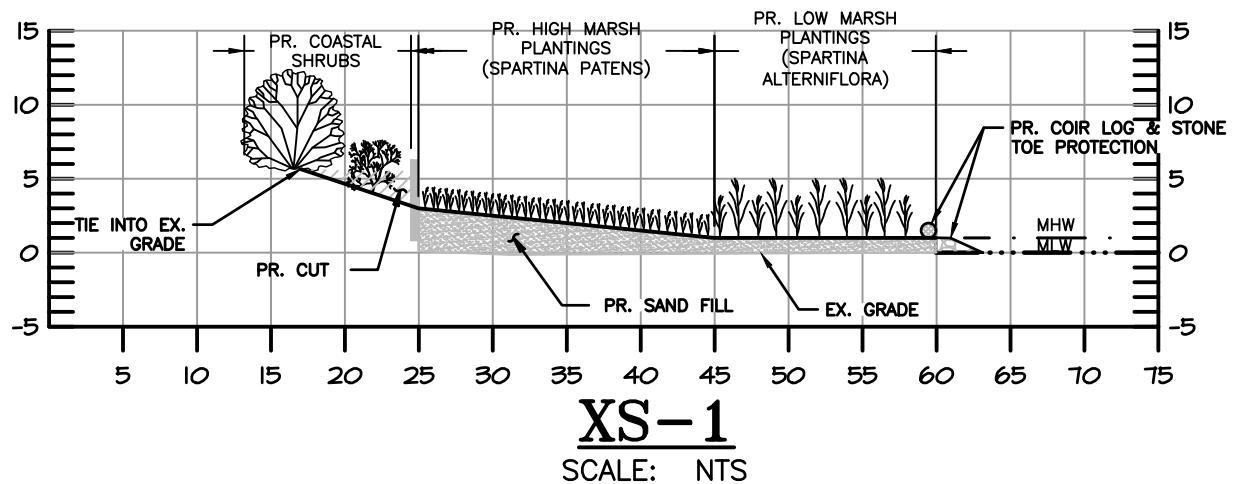
**HAWKINS COVE
LIVING SHORELINE**

APPL. BY: CITY OF ANNAPOLIS

CHANNEL DETAILS

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TYPICAL FIXED PIER CROSS SECTION

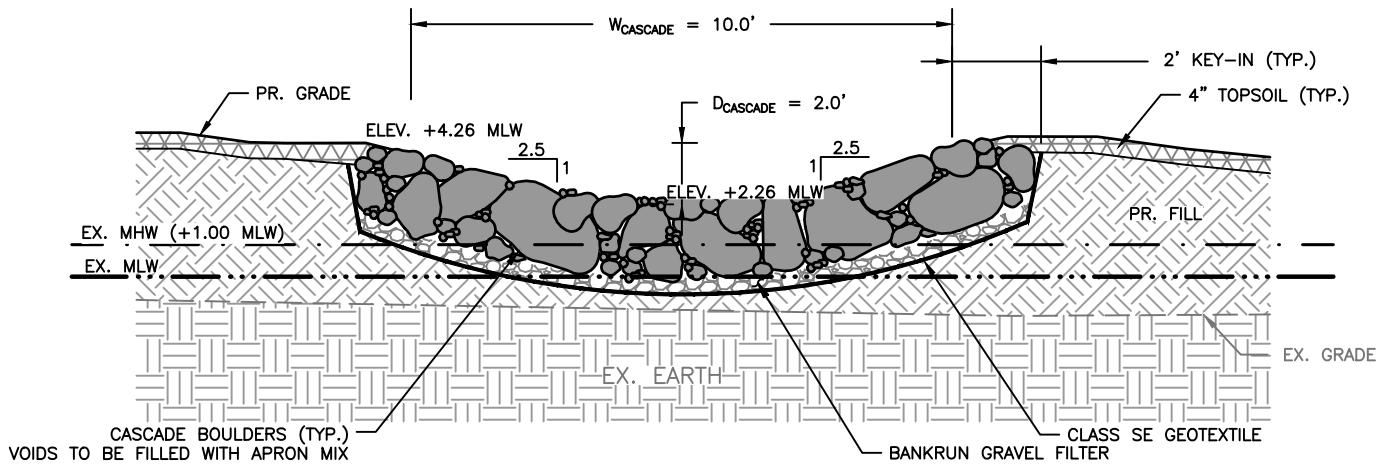
SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

DETAILS AND TYPICALS

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COBBLE OUTFALL SECTION VIEW

SCALE: NTS

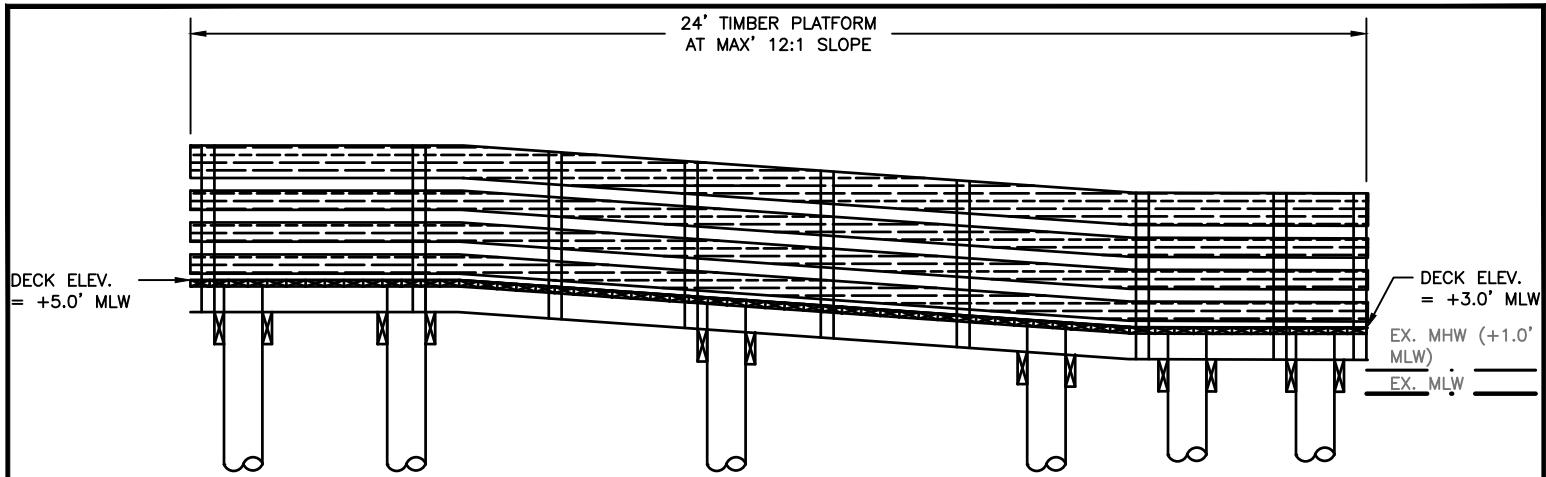
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DETAILS AND TYPICALS

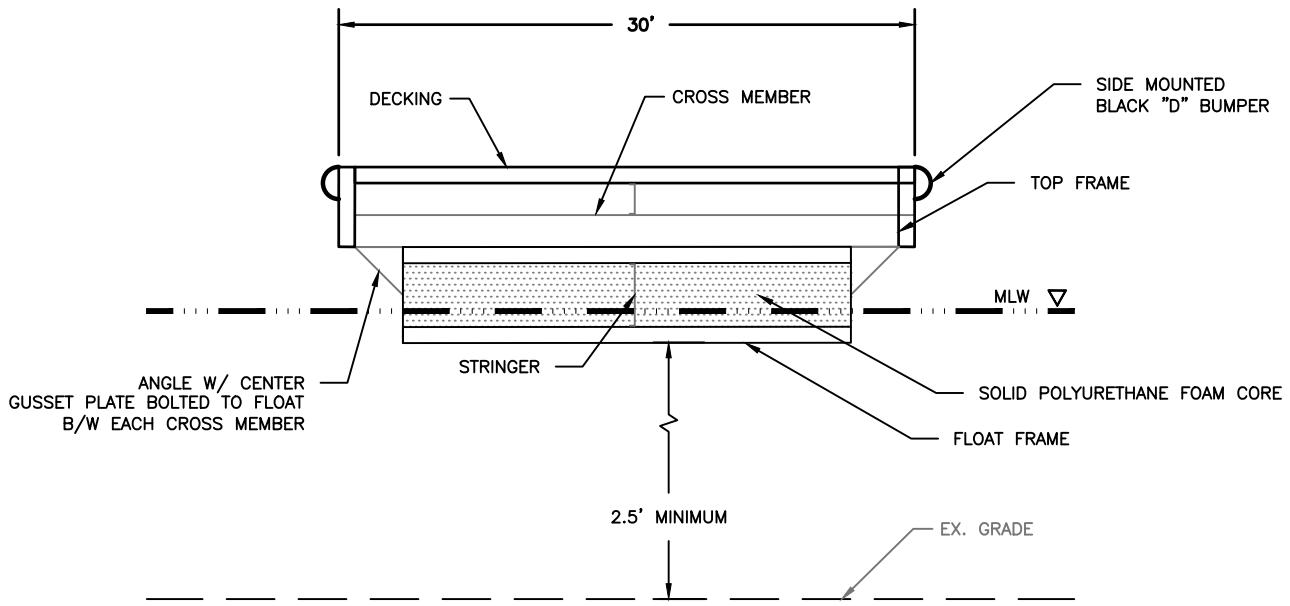
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TIMBER RAMP SECTION

SCALE: NTS



TYPICAL 30' FLOATING PLATFORM SECTION

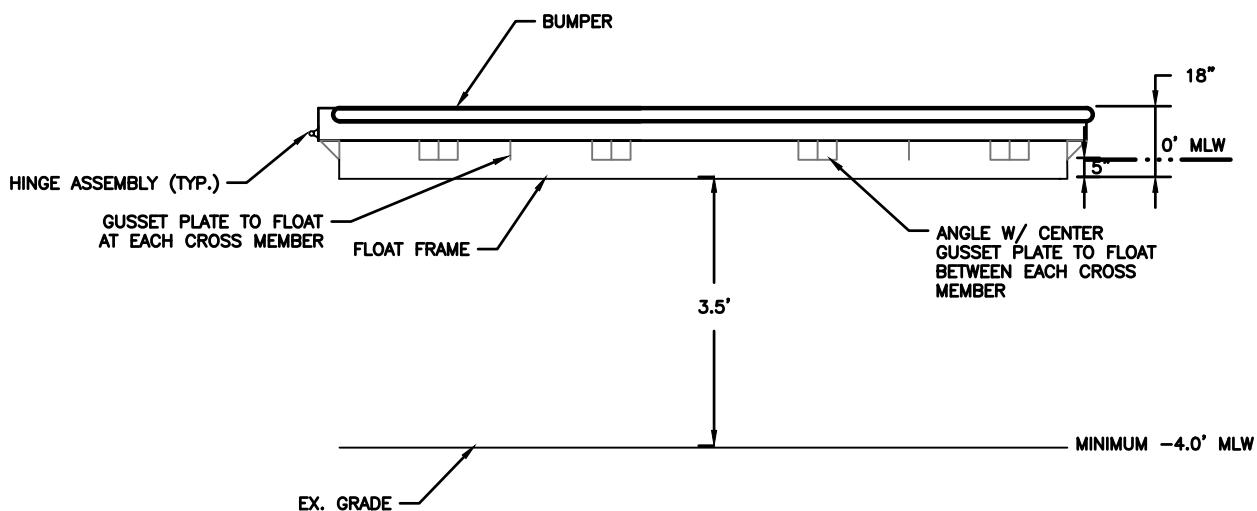
SCALE: NTS

HAWKINS COVE
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DETAILS AND TYPICALS

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TYPICAL FLOATING PIER PROFILE

SCALE: NTS

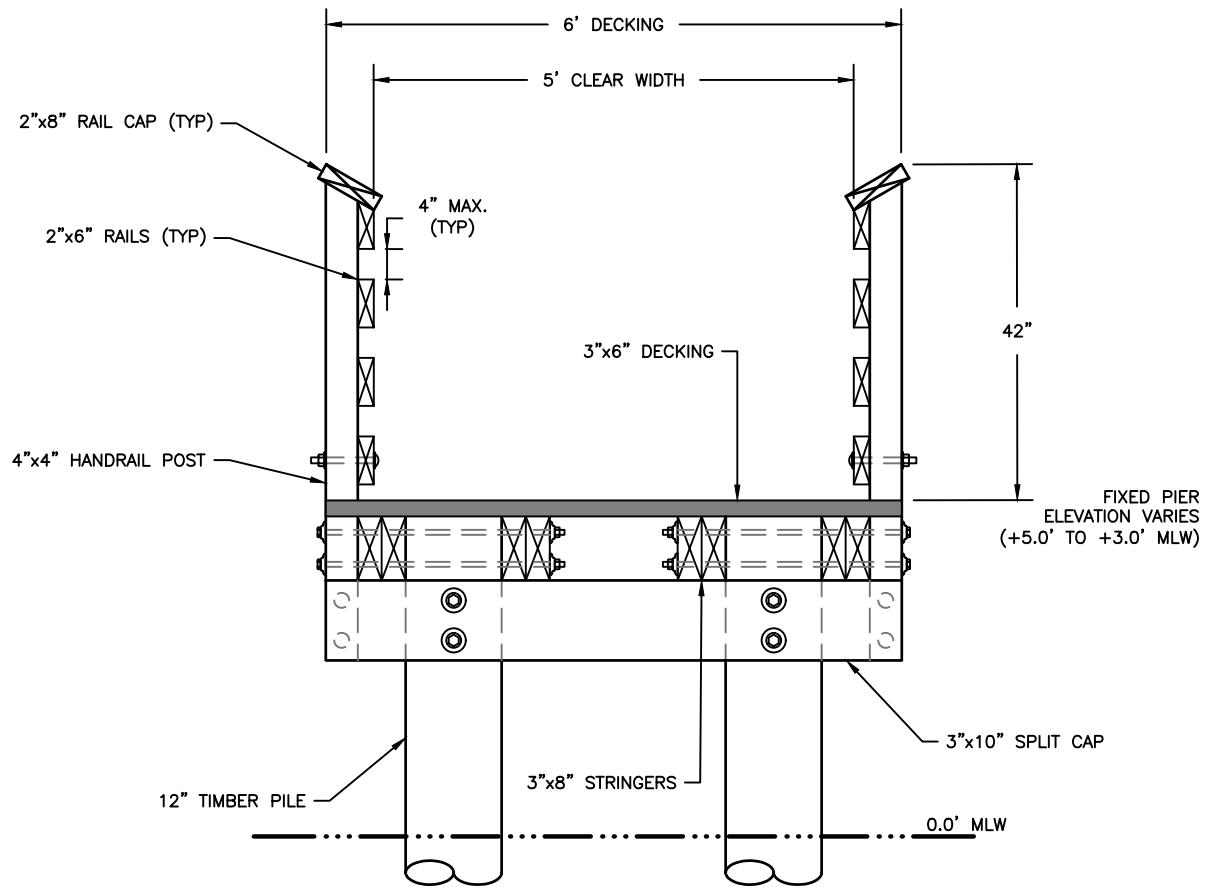
HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

DETAILS AND TYPICALS

DATE: DECEMBER 2025 SHEET 13 OF 16





TYPICAL TIMBER RAMP CROSS SECTION

SCALE: NTS

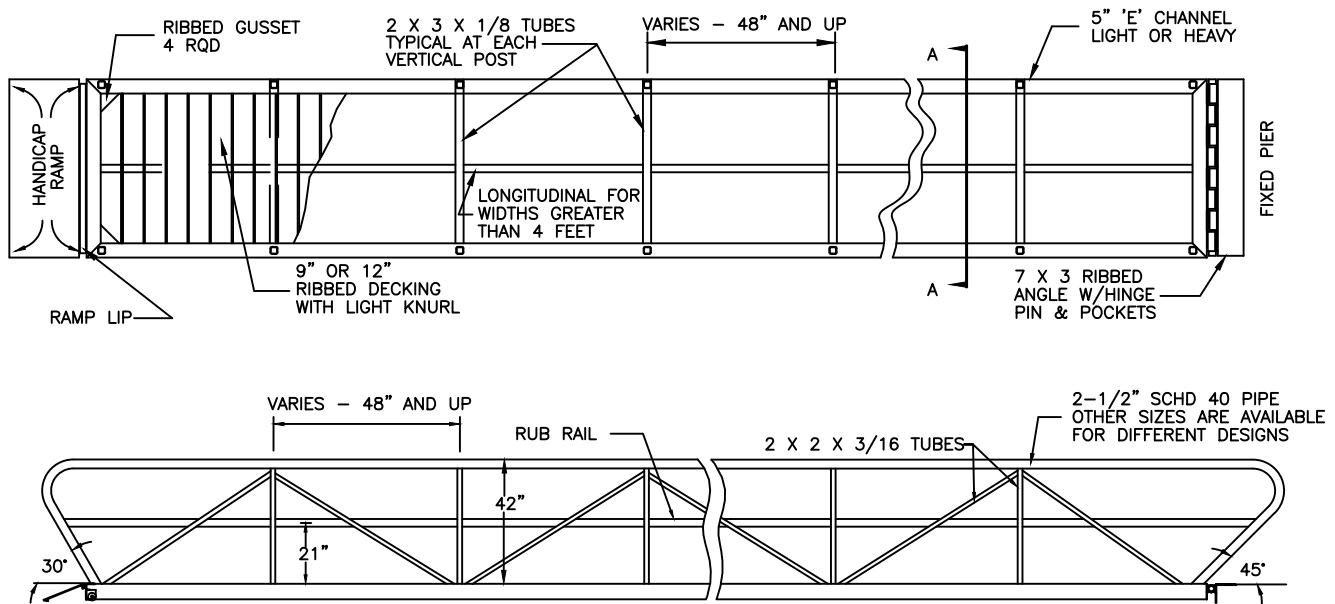
HAWKINS COVE
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DETAILS AND TYPICALS

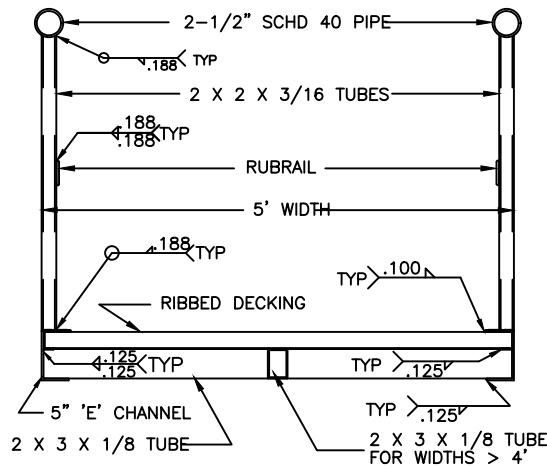
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TYPICAL ALUMINUM GANGWAY DETAILS

SCALE: NTS



TYPICAL ALUMINUM GANGWAY SECTION

SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

DETAILS AND TYPICALS

DATE: DECEMBER 2025 SHEET 15 OF 16



PROJECT SUMMARY

MARSH PLANTINGS – 3,783 SF TOTAL (1,826 SF CHANNELWARD OF MHW, 3,064 SF CHANNELWARD OF 1.5 X TIDAL RANGE)
LOW MARSH PLANTINGS – 1,533 SF (945 SF CHANNELWARD OF MHW, 1,422 SF CHANNELWARD OF 1.5 X TIDAL RANGE)
HIGH MARSH PLANTINGS – 2,250 SF (881 SF CHANNELWARD OF MHW, 1,642 SF CHANNELWARD OF 1.5 X TIDAL RANGE)

PIER EXTENSION – 1,603 SF TOTAL (1,360 SF IMPACT CHANNELWARD OF MHW)
LENGTH – 202 LF
WIDTH – 8 LF
EXISTING PIER TO BE REMOVED – 426 SF

STONE TOE PROTECTION – 315 SF TOTAL (289 SF IMPACT CHANNELWARD OF MHW)
VENT TOE – 315 SF TOTAL (289 SF IMPACT CHANNELWARD OF MHW)

COBBLE OUTFALL – 407 SF TOTAL (393 SF IMPACT CHANNELWARD OF MHW)

FLOATING PLATFORM – 600 SF TOTAL (600 SF IMPACT CHANNELWARD OF MHW)
LENGTH – 20 LF
WIDTH – 30 LF

ALUMINUM GANGWAY – 90 SF TOTAL (90 SF IMPACT CHANNELWARD OF MHW)
LENGTH – 18 LF
WIDTH – 5 LF

TIMBER RAMP – 144 SF TOTAL (144 SF IMPACT CHANNELWARD OF MHW)
LENGTH – 24 LF
WIDTH – 6 LF

TIMBER PLATFORMS (2) – 65 SF TOTAL (65 SF IMPACT CHANNELWARD OF MHW)
(1) LENGTH – 5 LF
WIDTH – 6 LF
TOTAL – 30 SF
(2) LENGTH – 5 LF
WIDTH – 7 LF
TOTAL – 35 SF

IMPACT SUMMARY

TOTAL AREA OF IMPACT FROM MHW INTO TIDAL WATERS = 2,941 SF
TOTAL AREA OF PERMANENT IMPACT TO SHALLOW WATER HABITAT = 2,941 SF
TOTAL AREA OF IMPACT TO PRIVATE TIDAL WETLANDS = 0 SF

NOTES

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SITE NOTES

DATE: DECEMBER 2025 SHEET 16 OF 16



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