

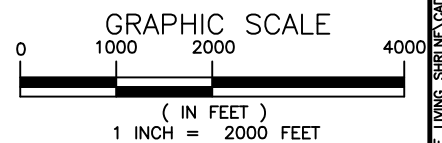


HAWKINS COVE LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

VICINITY MAP

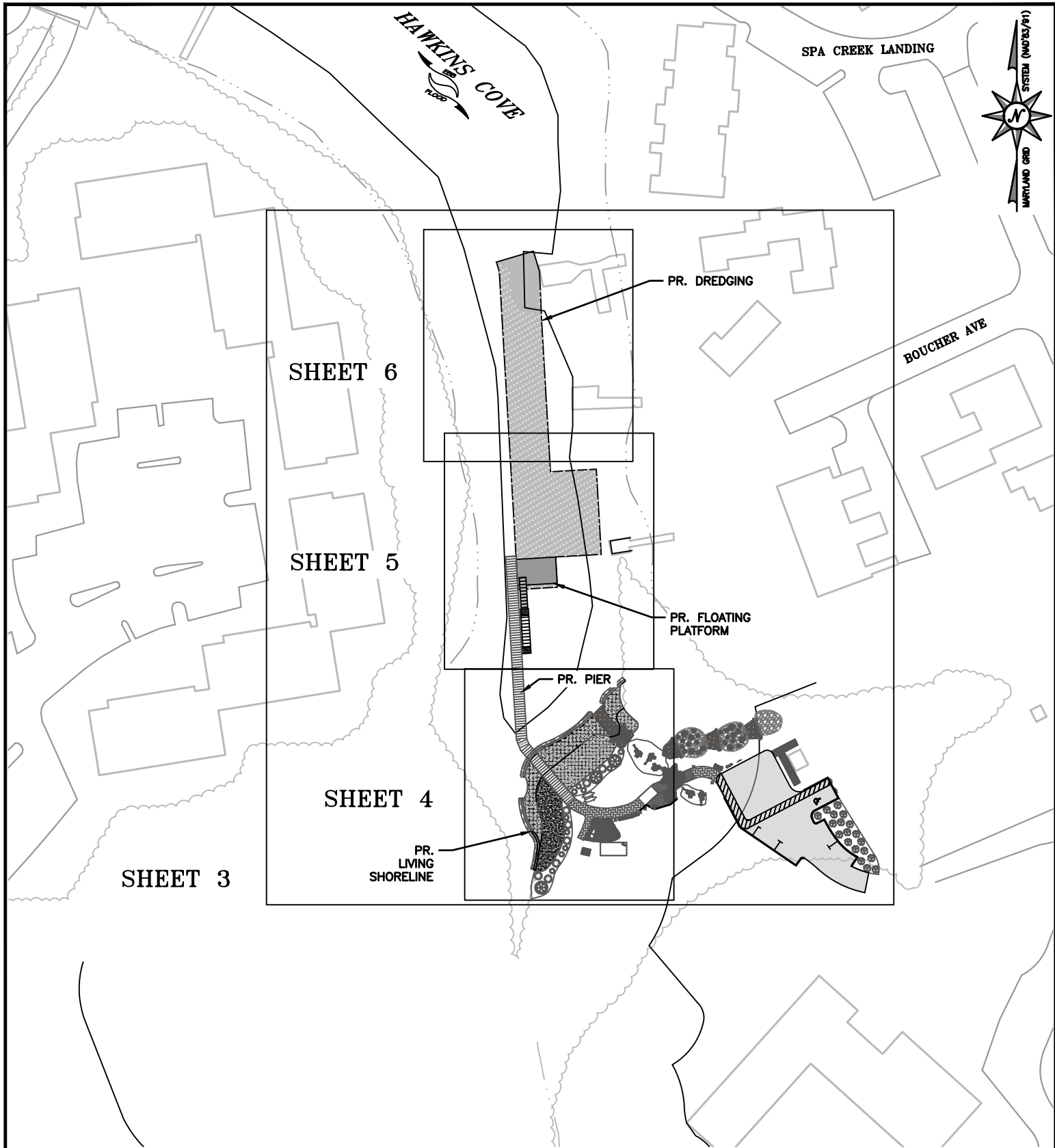
DATE: DECEMBER 2025 SHEET 1 OF 16



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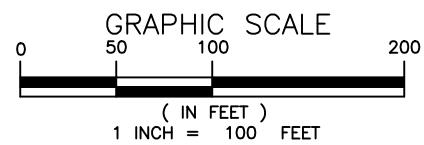


**HAWKINS COVE
LIVING SHORELINE**

APPL. BY: CITY OF ANNAPOLIS

KEY SHEET

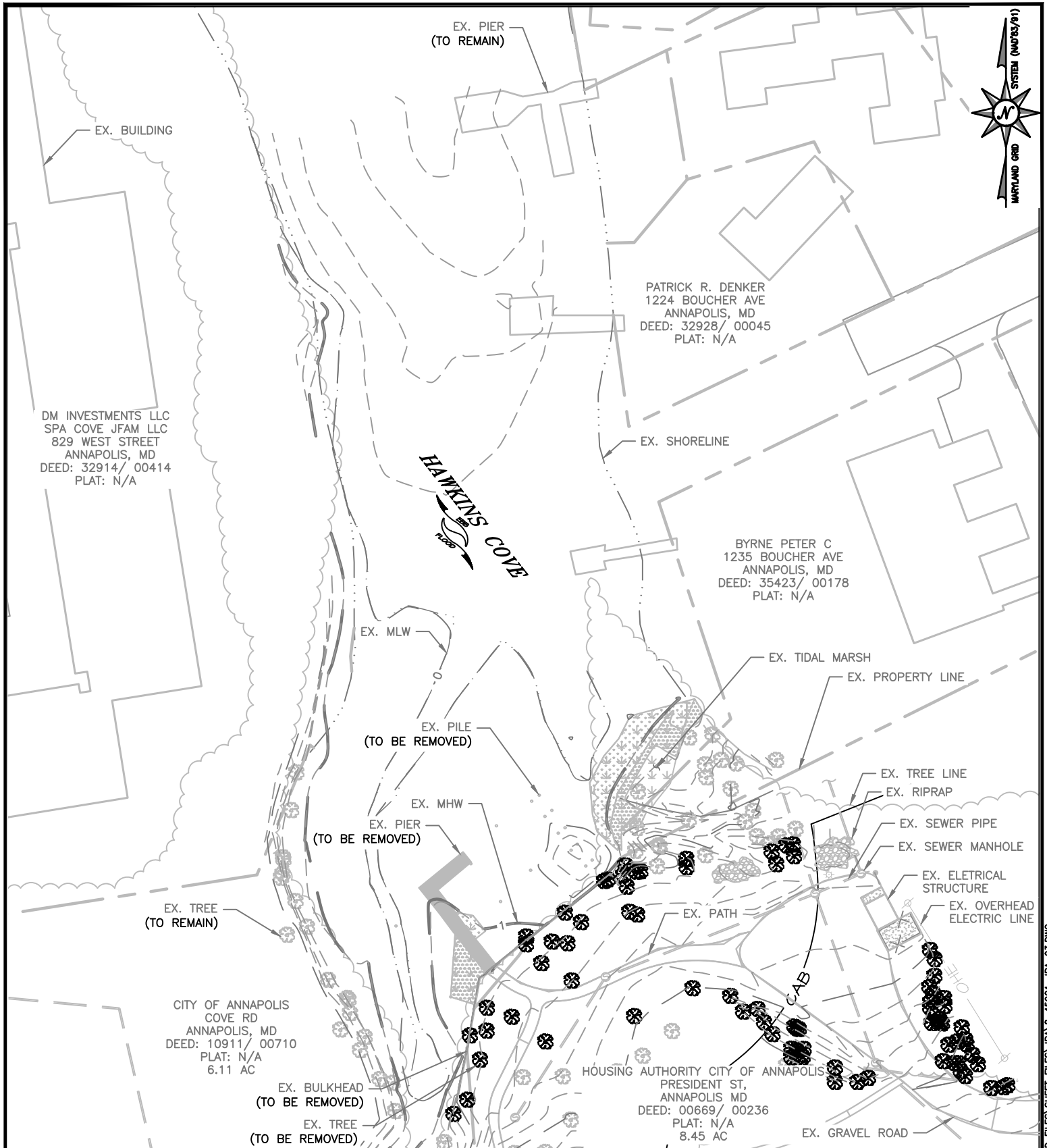
DATE: DECEMBER 2025 SHEET 2 OF 16



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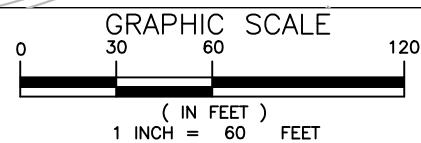


HAWKINS COVE LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

EXISTING CONDITIONS

DATE: DECEMBER 2025 SHEET 3 OF 16



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MATCHLINE REFER TO SHEET 5

HAWKINS COVE

BYRNE PETER C
1235 BOUCHER AVE
ANNAPOLIS, MD
DEED: 35423/ 00178
PLAT: N/A



PR. PIER EXTENSION
(202' X 8')

ANNAPOLIS HARBOR LINE

PR. MLW

PR. MHW

PR. HIGH MARSH
(SPARTINA PATENS)
(2,250 SF)

PR. LOW MARSH
(SPARTINA ALTERNIFLORA)
(1,533 SF)

PR. COBBLE OUTFALL

EX. MLW

EX. MHW

PR. STONE TOE
PROTECTION
(315 SF TOTAL)

PR. COIR LOGS
(155 LF TOTAL)

XS-1

CITY OF ANNAPOLIS
COVE RD
ANNAPOLIS, MD
DEED: 10911/ 00710
PLAT: N/A
6.11 AC

PR. COASTAL TREES AND SHRUBS

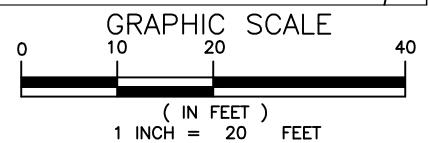
HOUSING AUTHORITY CITY OF ANNAP
PRESIDENT ST,
ANNAPOLIS MD
DEED: 00669/ 00236
PLAT: N/A
8.45 AC

HAWKINS COVE LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

SITE PLAN

DATE: DECEMBER 2025 SHEET 4 OF 16

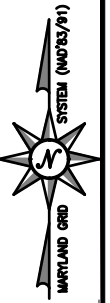


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MATCHLINE REFER TO SHEET 6

MAIN CHANNEL SEGMENT "A"
254' X 30' TO -4.0' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM
WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PROPOSED NEW DREDGING

MAIN CHANNEL SEGMENT "B"
35' X 65' TO -4.0' MLW
CHANNEL OUTLINE REPRESENTS
BOTTOM WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PROPOSED NEW DREDGING

EX. MHW

PR. FLOATING PLATFORM
(20' X 30')

EX. MLW

PR. ALUMINUM
GANGWAY (18' X 5')

PR. TIMBER PLATFORM
(5' X 6')

PR. TIMBER RAMP
(24' X 6')

PR. TIMBER PLATFORM
(5' X 7')

PR. PIER EXTENSION
(202' X 8')

ANNAPOLIS HARBOR LINE

MATCHLINE REFER TO SHEET 4

HAWKINS COVE

HAWKINS COVE LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

SITE PLANS

DATE: DECEMBER 2025 SHEET 5 OF 16



(IN FEET)
1 INCH = 20 FEET



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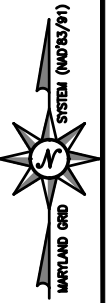
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HAWKINS COVE

ANNAPOLIS HARBOR LINE

30'

EX. PIER



MAIN CHANNEL SEGMENT "A"
254' X 30' TO -4.0' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM
WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PROPOSED NEW DREDGING

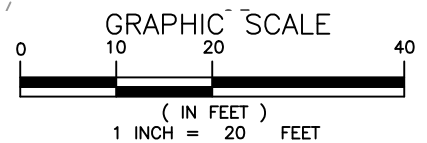
MATCHLINE REFER TO SHEET 5

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

SITE PLANS

DATE: DECEMBER 2025 SHEET 6 OF 16

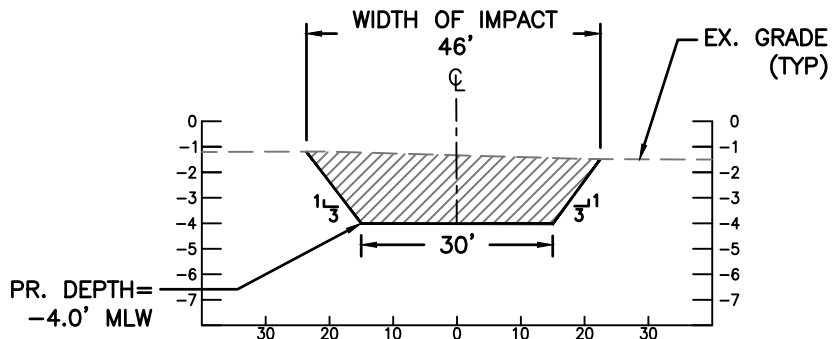


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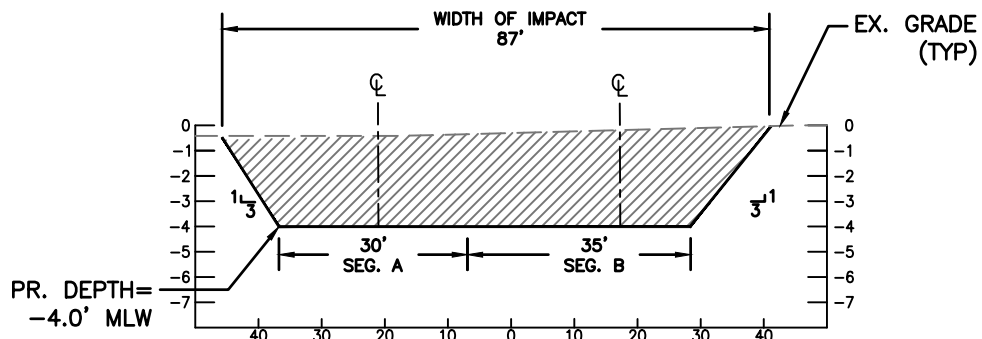
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SECTION A-A

SCALE: NTS



SECTION B-B

SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

CHANNEL DETAILS

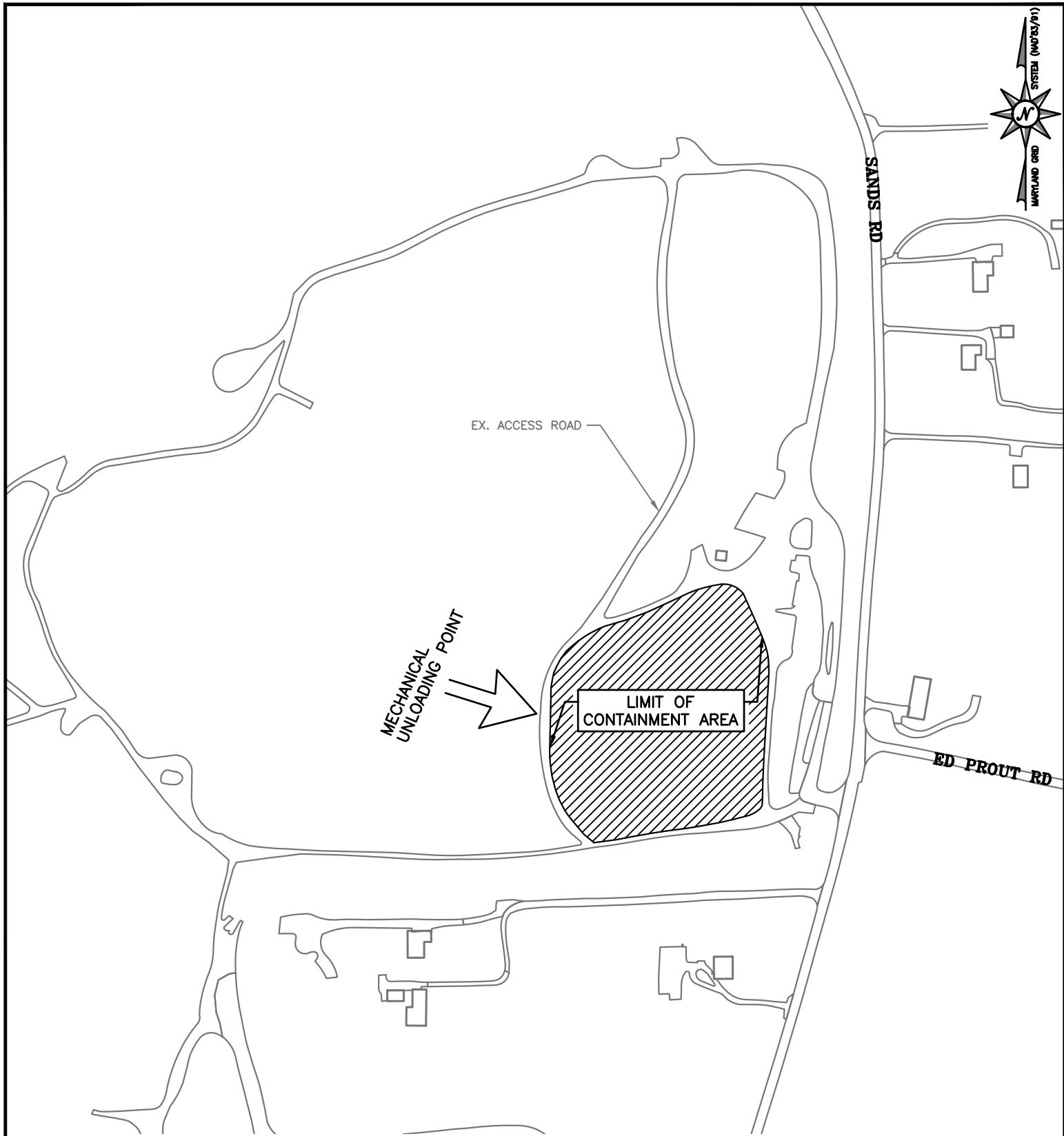
DATE: DECEMBER 2025 SHEET 7 OF 16



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**HAWKINS COVE
LIVING SHORELINE**

APPL. BY: CITY OF ANNAPOLIS

WESTPORT RECLAMATION DMP SITE

DATE: DECEMBER 2025 SHEET 8 OF 16



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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.
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5. PROPERTY LINES SHOWN ARE BASED ON CITY OF ANNAPOLIS 2023 CADASTRAL DATA.
6. ONLY TREES WITH A 12" DIAMETER OR GREATER THAT ARE WITHIN THE LIMIT OF WORK WERE FIELD LOCATED.
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**

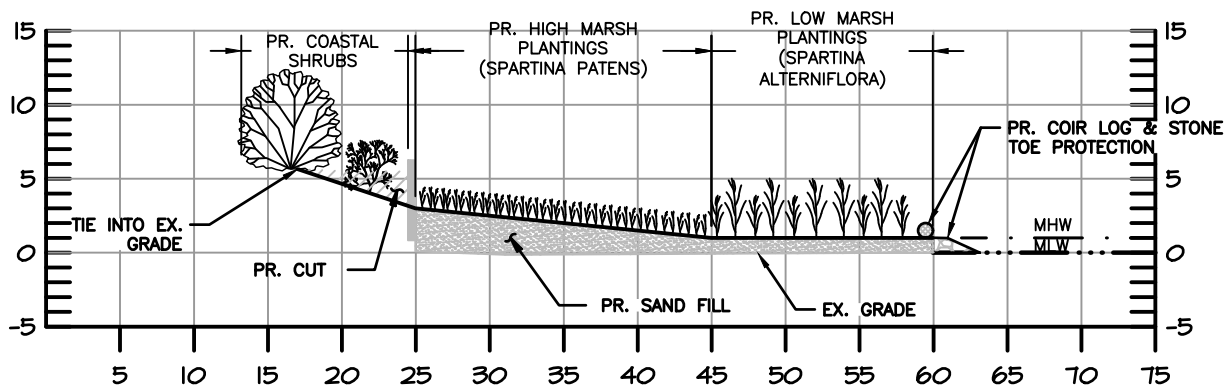
APPL. BY: CITY OF ANNAPOLIS

CHANNEL DETAILS

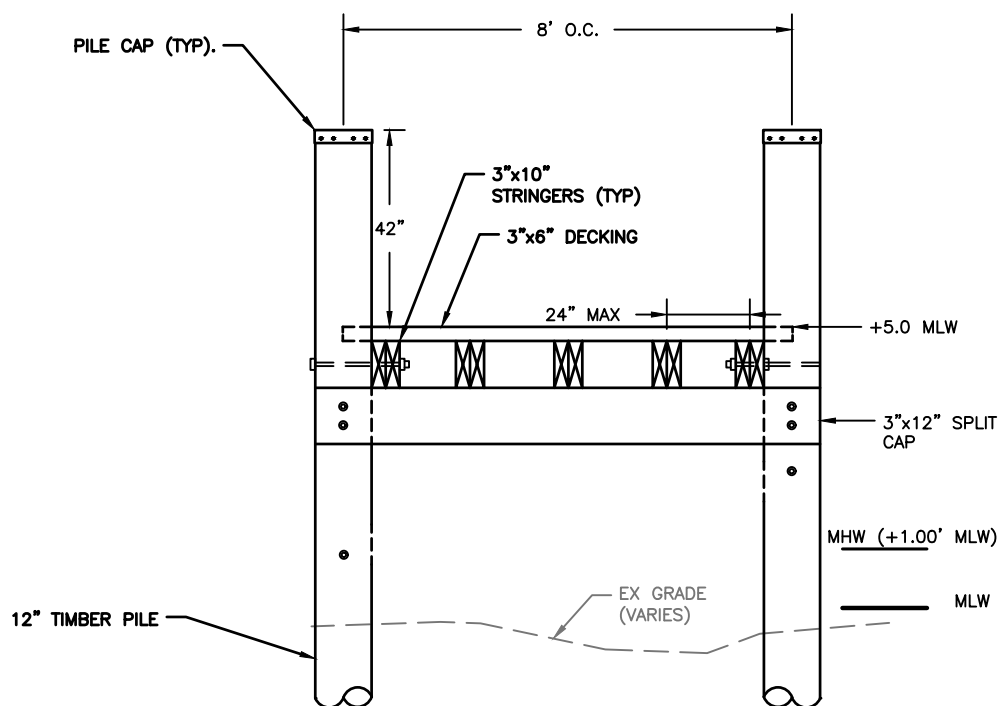
DATE: DECEMBER 2025 SHEET 9 OF 16



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XS-1
SCALE: NTS



TYPICAL FIXED PIER CROSS SECTION
SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

DETAILS AND TYPICALS

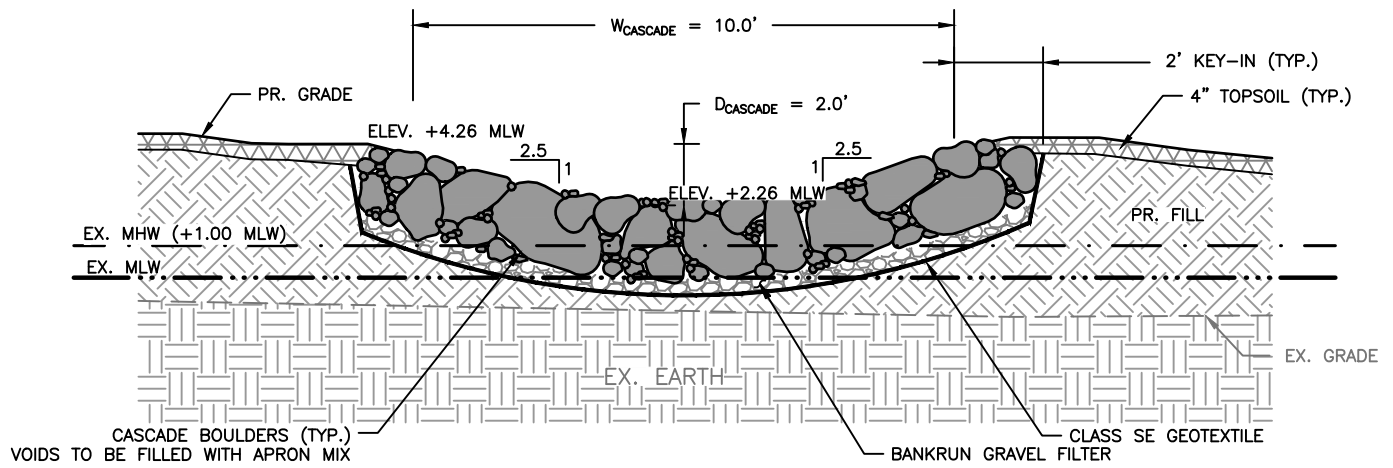
DATE: DECEMBER 2025 SHEET 10 OF 16



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COBBLE OUTFALL SECTION VIEW

SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

DETAILS AND TYPICALS

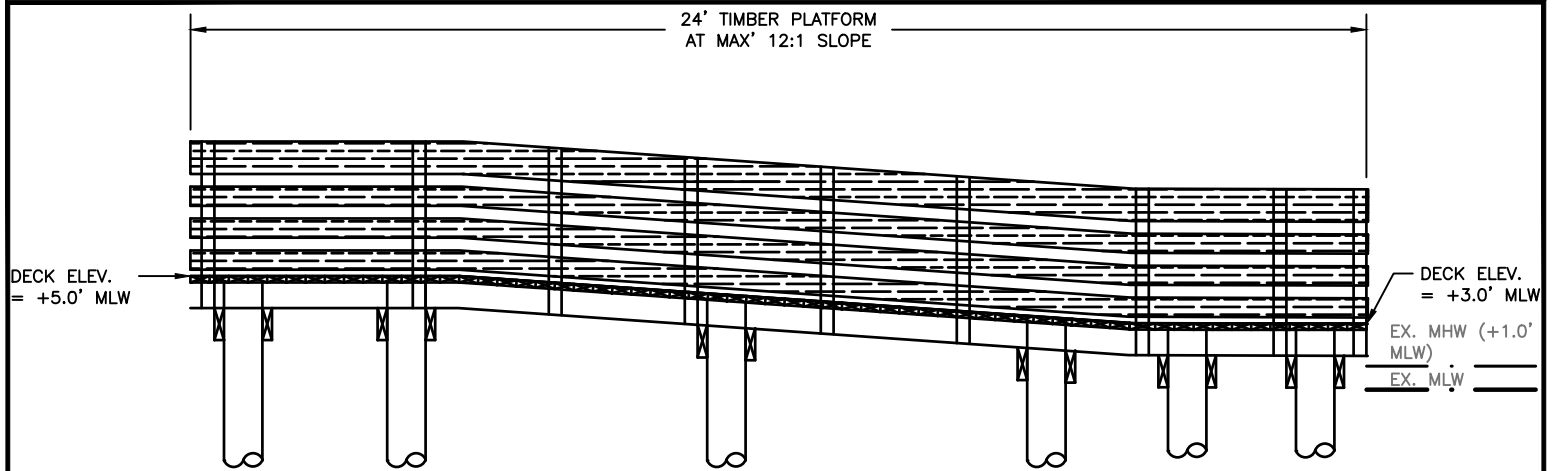
DATE: DECEMBER 2025 SHEET 11 OF 16



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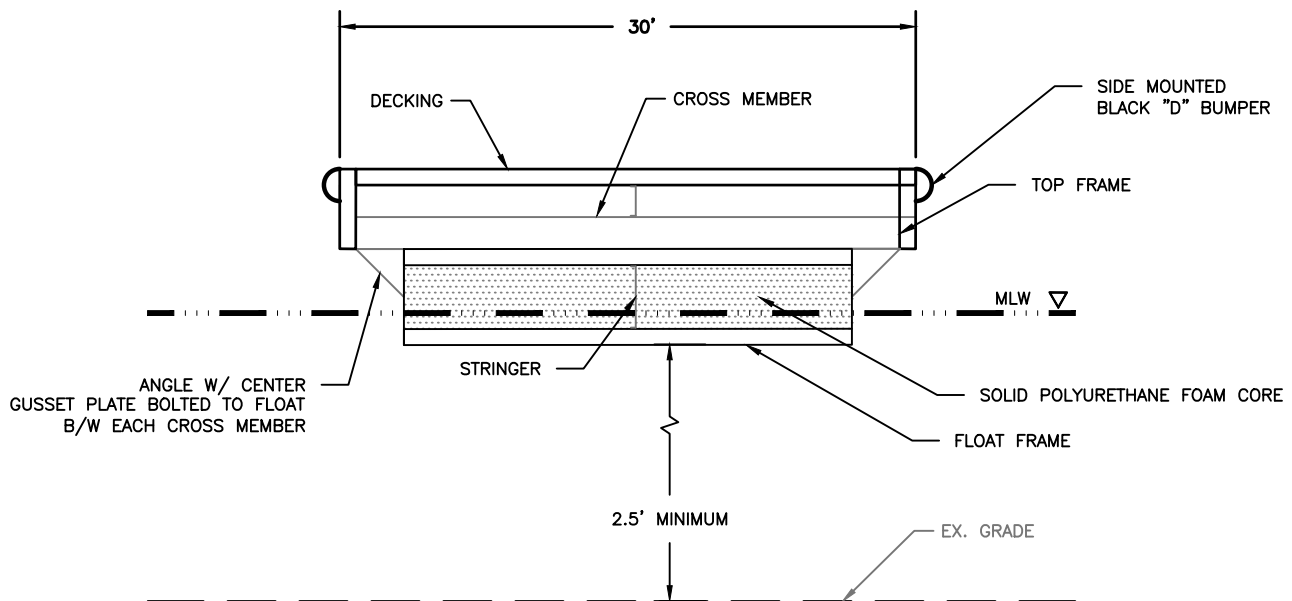
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TIMBER RAMP SECTION

SCALE: NTS



TYPICAL 30' FLOATING PLATFORM SECTION

SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

DETAILS AND TYPICALS

DATE: DECEMBER 2025 SHEET 12 OF 16

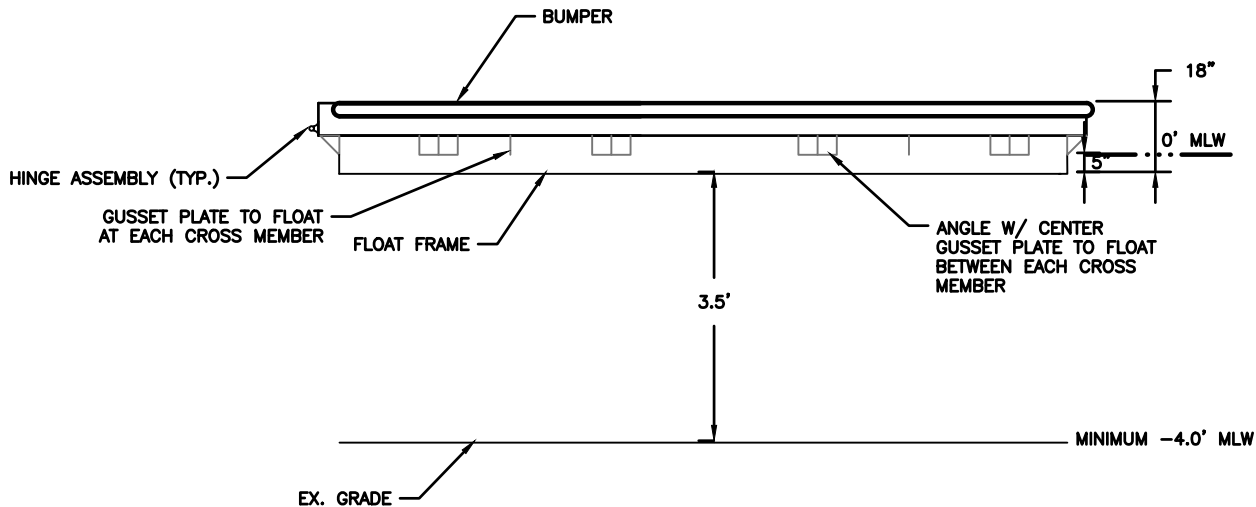


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TYPICAL FLOATING PIER PROFILE

SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

DETAILS AND TYPICALS

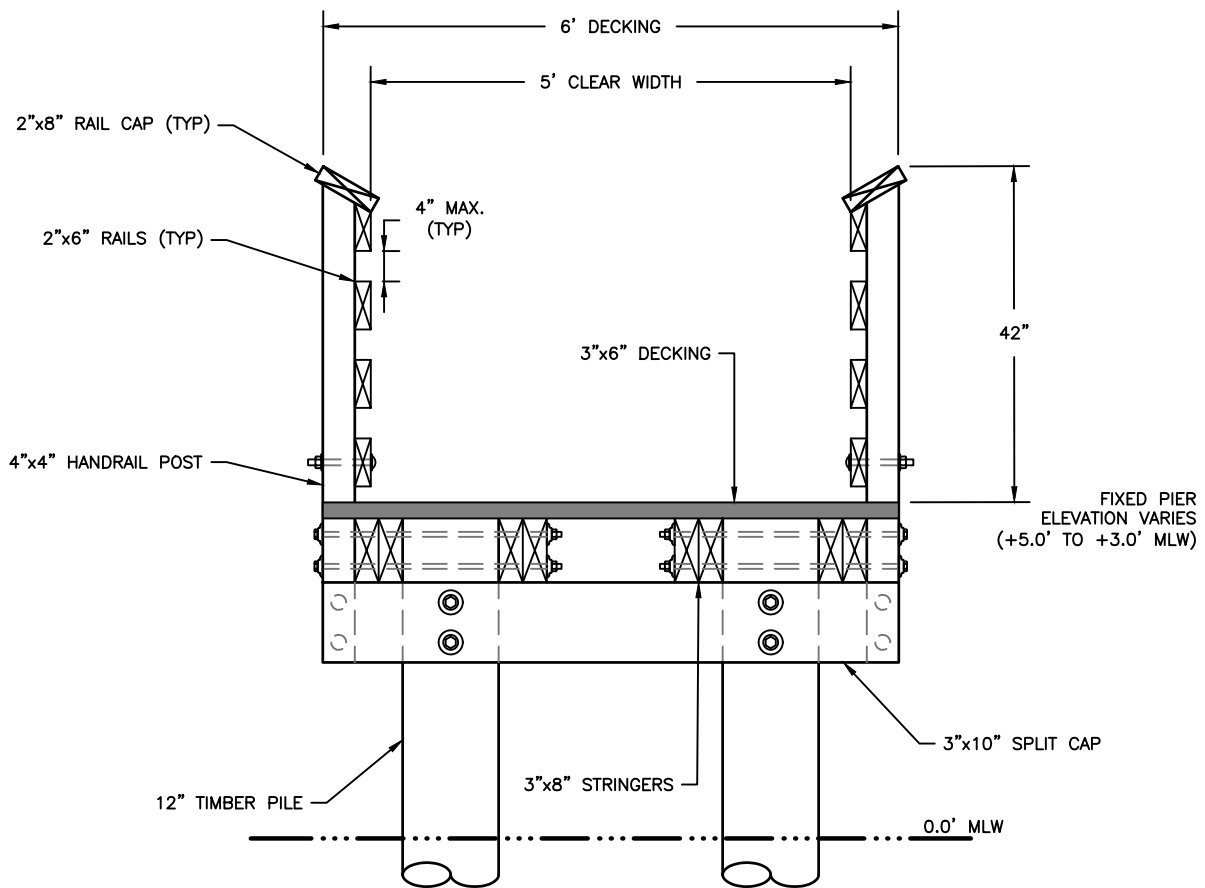
DATE: DECEMBER 2025 SHEET 13 OF 16



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TYPICAL TIMBER RAMP CROSS SECTION

SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

DETAILS AND TYPICALS

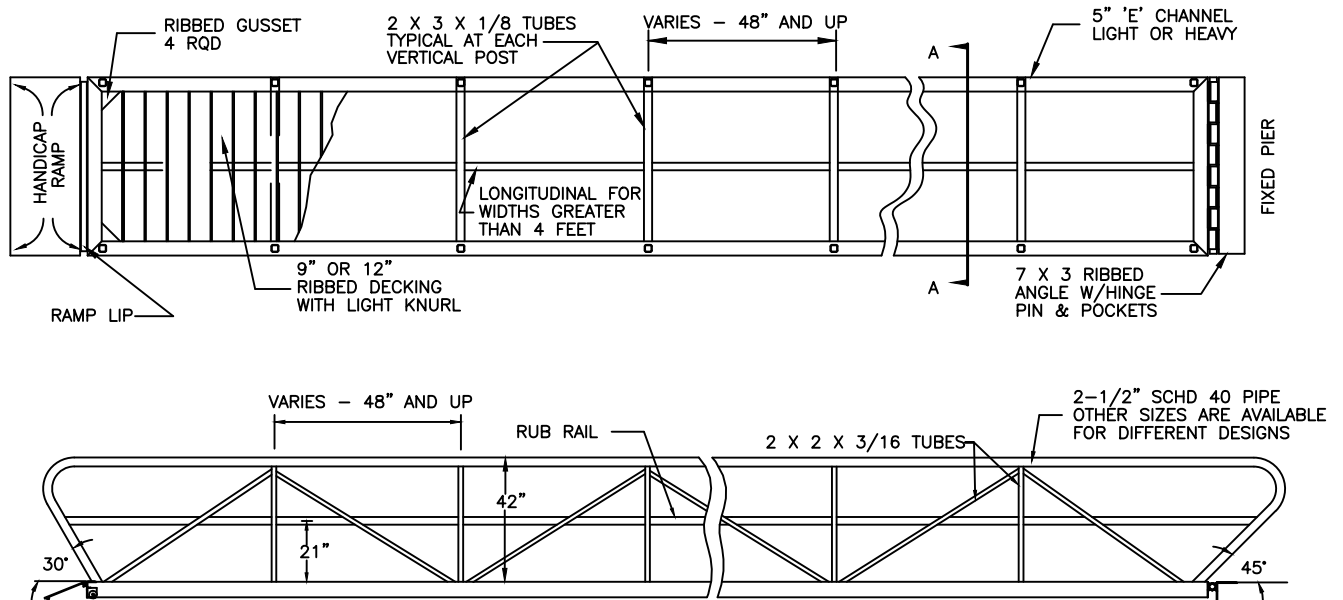
DATE: DECEMBER 2025 SHEET 14 OF 16



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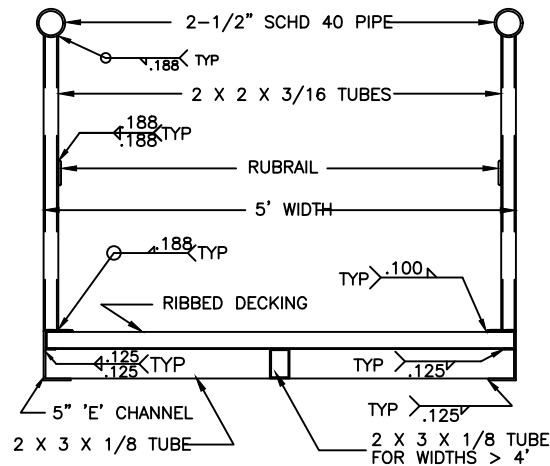
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TYPICAL ALUMINUM GANGWAY DETAILS

SCALE: NTS



TYPICAL ALUMINUM GANGWAY SECTION

SCALE: NTS

HAWKINS COVE
LIVING SHORELINE

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DETAILS AND TYPICALS

DATE: DECEMBER 2025 SHEET 15 OF 16



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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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HAWKINS COVE LIVING SHORELINE

APPL. BY: CITY OF ANNAPOLIS

SITE NOTES

DATE: DECEMBER 2025 SHEET 16 OF 16