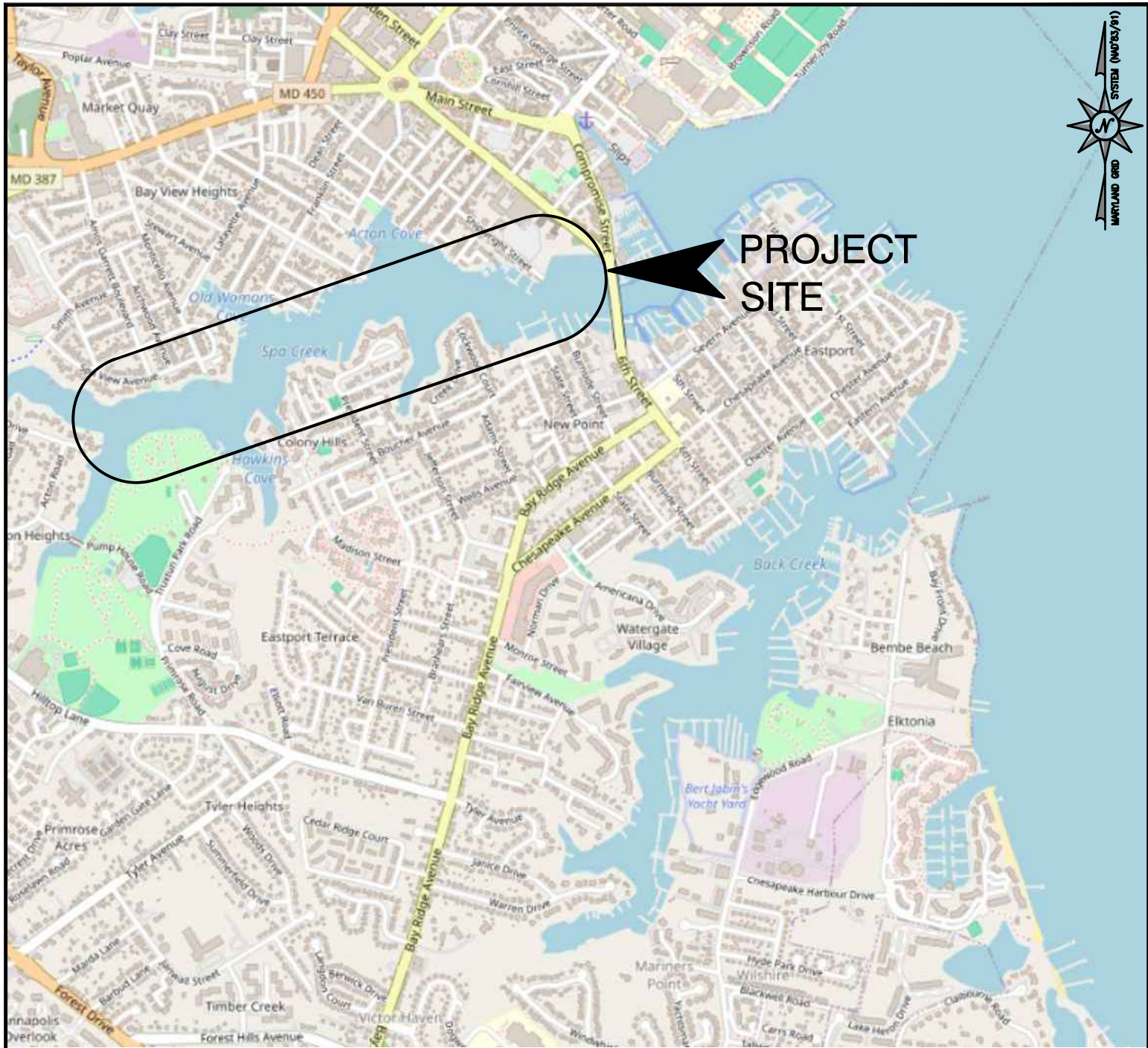




**SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY**

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

VICINITY MAP

DATE: JANUARY 2026 SHEET 1 OF 14

COUNTY OF ANNE ARUNDEL, VIRGIN, ESRI, TOMTOM

CARMIN, SAFEGRAFF, GEOTECHNOLOGIES INC,
MET/NASA, USGS, EPA, NPS, US CENSUS BUREAU,
USDA, USFWS, USF, USGS, FEMA

25-WL-0696

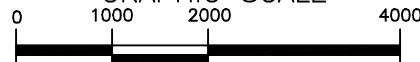
202561130

186732

1/12/26

MT

GRAPHIC SCALE



(IN FEET)

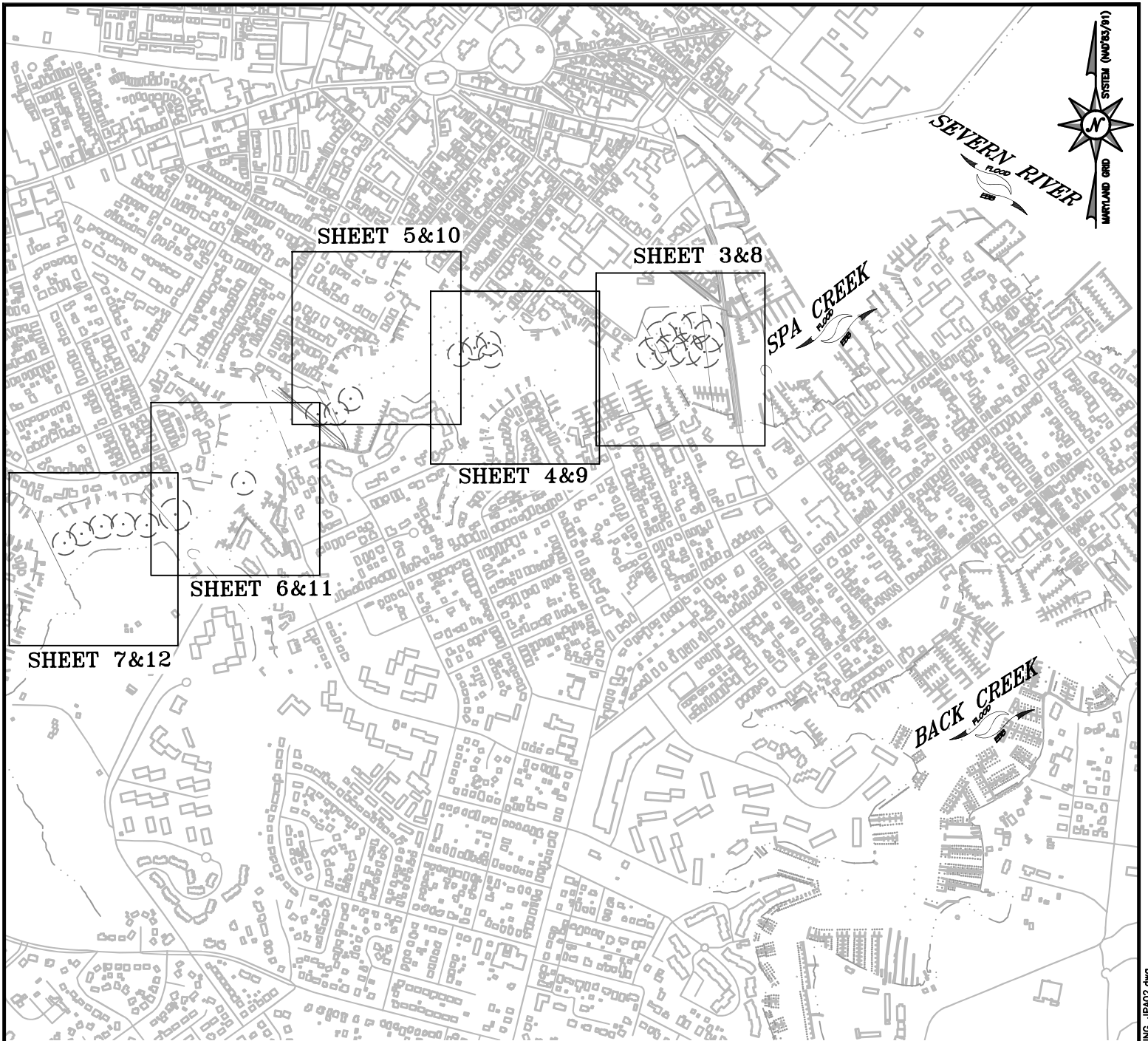
1 INCH = 2000 FEET



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.bayandinc.com

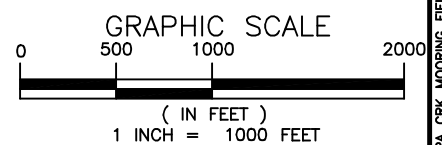
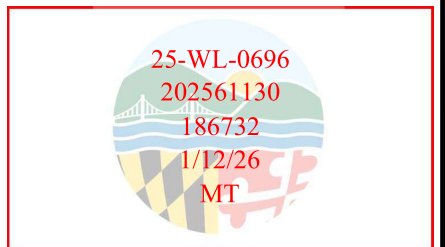


SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY

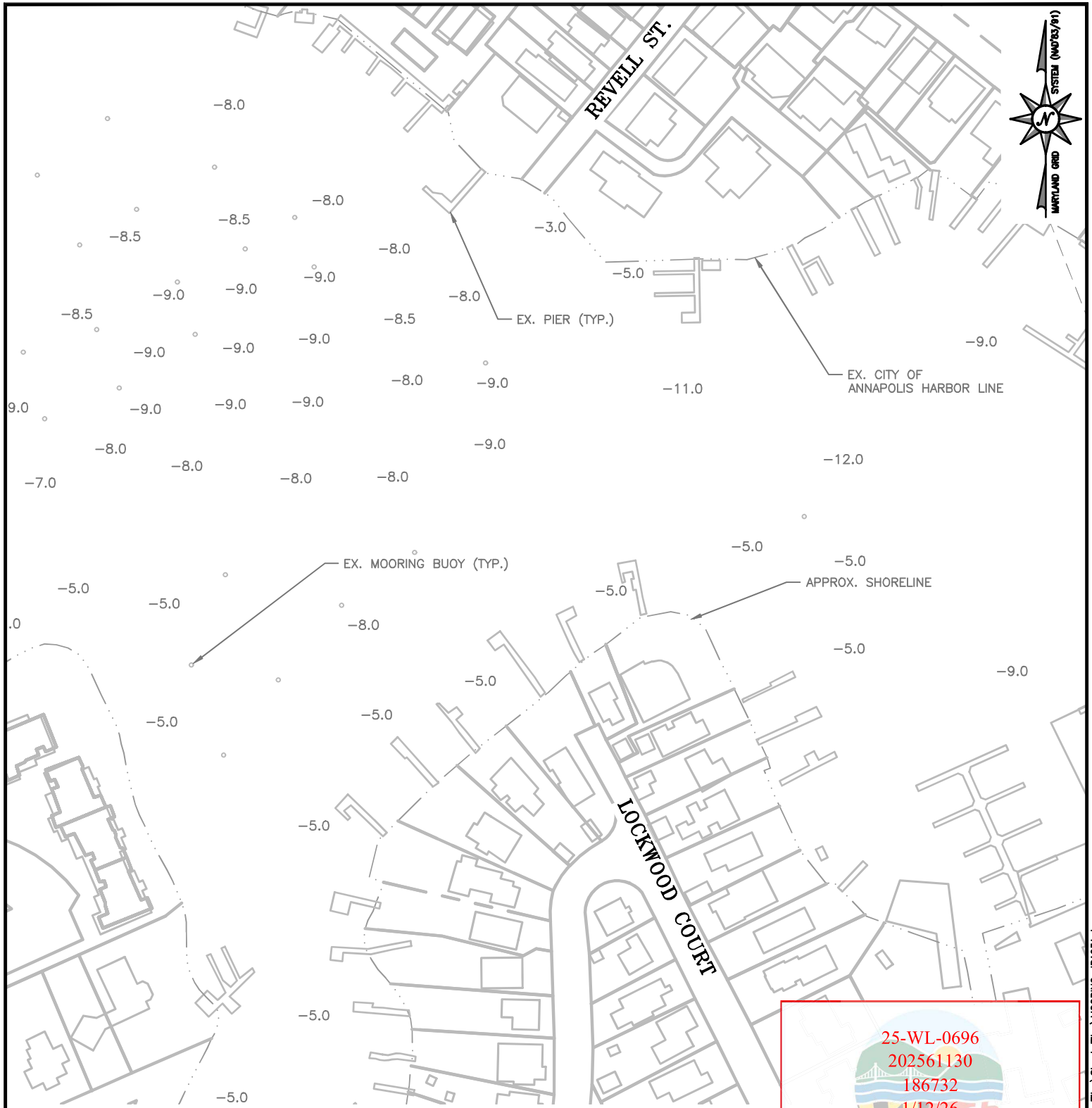
APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

KEY SHEET

DATE: JANUARY 2026 SHEET 2 OF 14



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

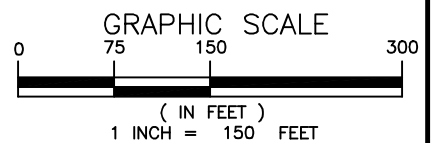
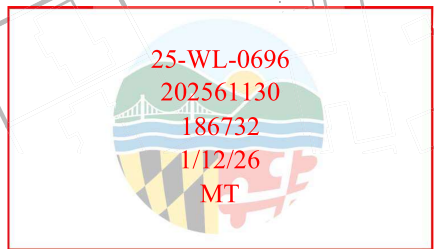


**SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY**

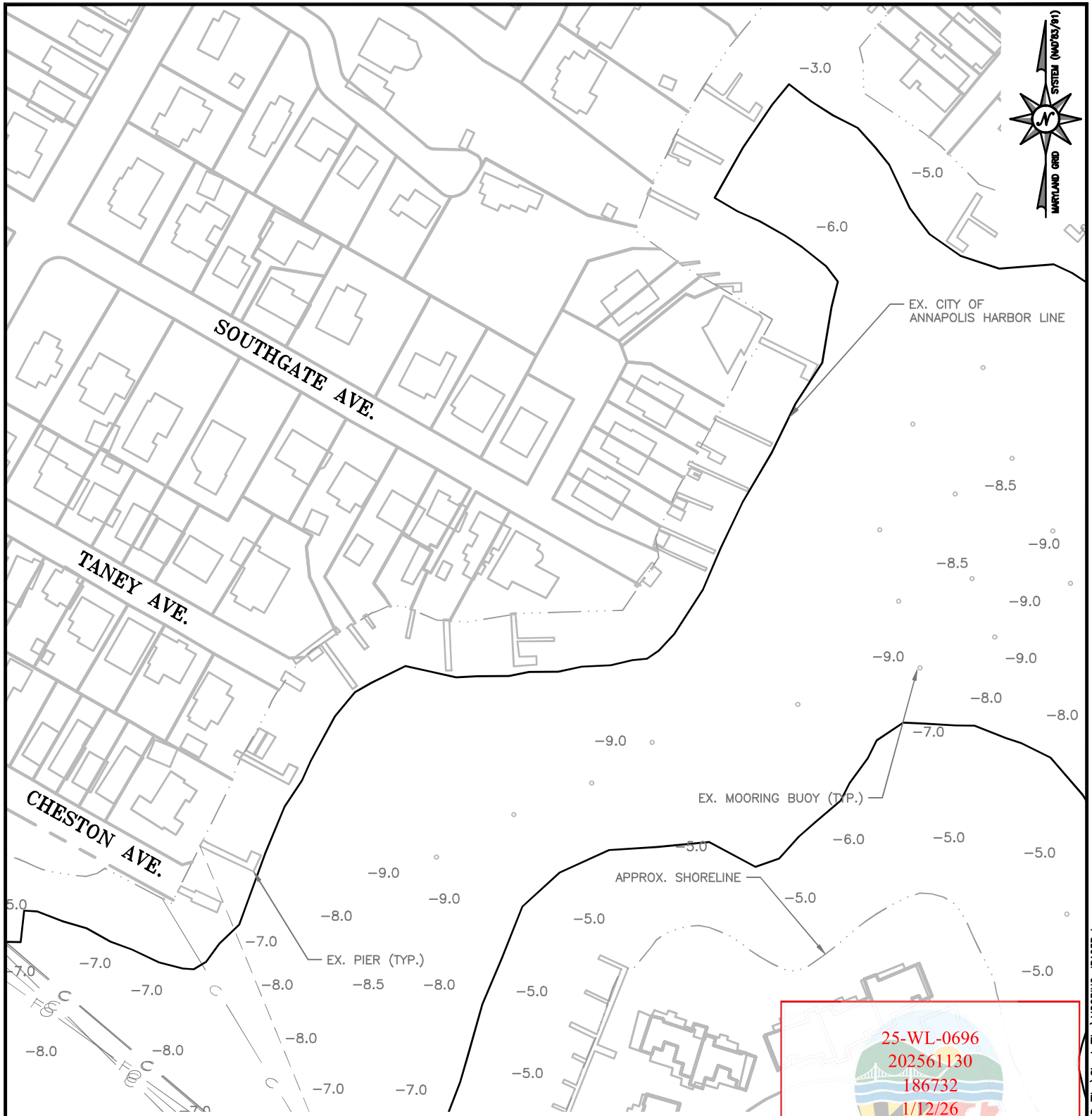
APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

EXISTING CONDITIONS

DATE: JANUARY 2026 SHEET 4 OF 14



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

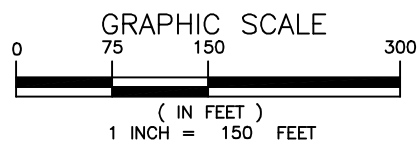
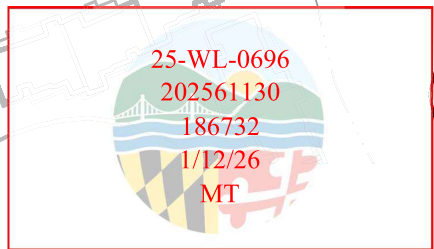


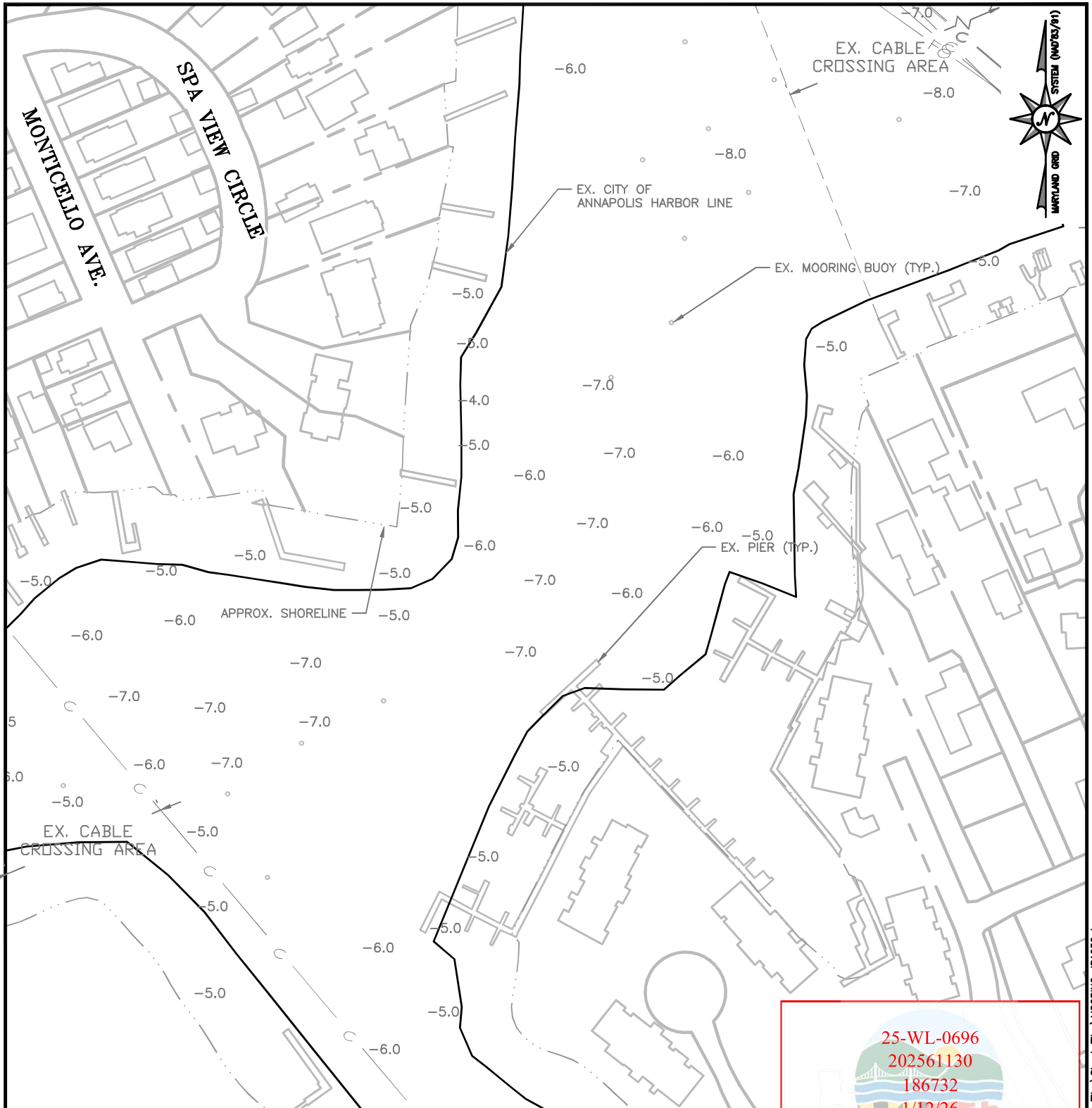
**SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY**

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

EXISTING CONDITIONS

DATE: JANUARY 2026 SHEET 5 OF 14



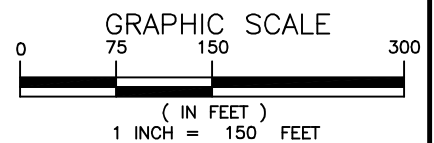
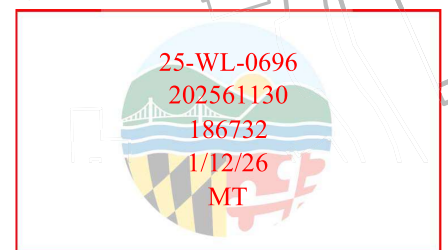


**SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY**

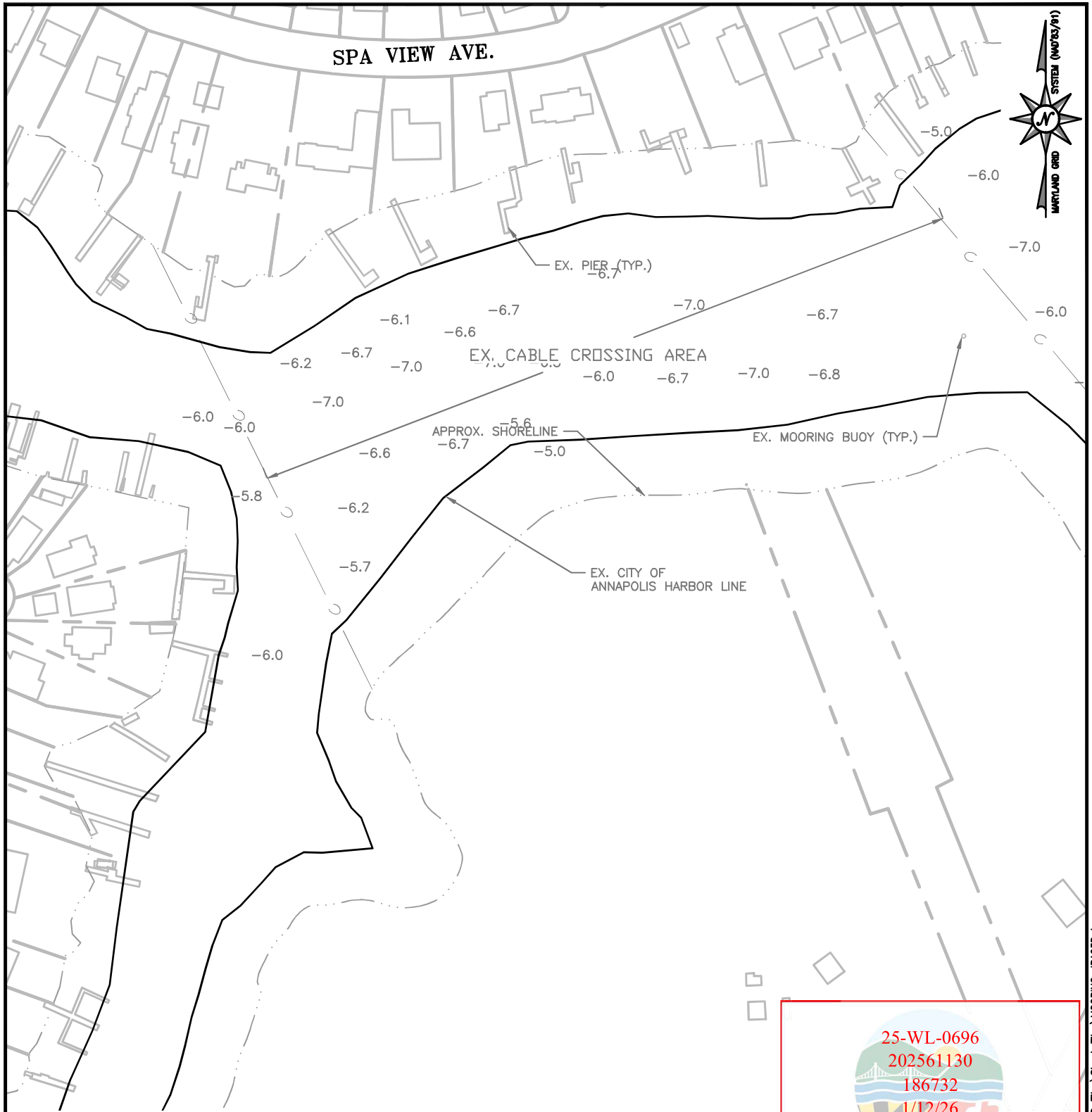
APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

EXISTING CONDITIONS

DATE: JANUARY 2026 SHEET 6 OF 14



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

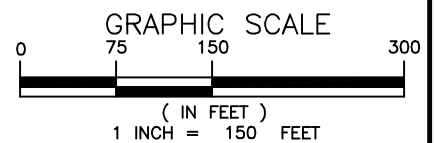
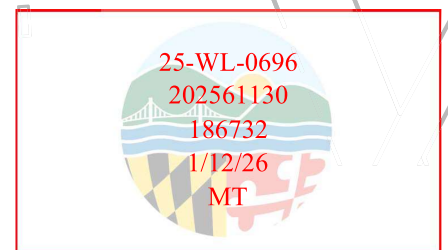


SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY

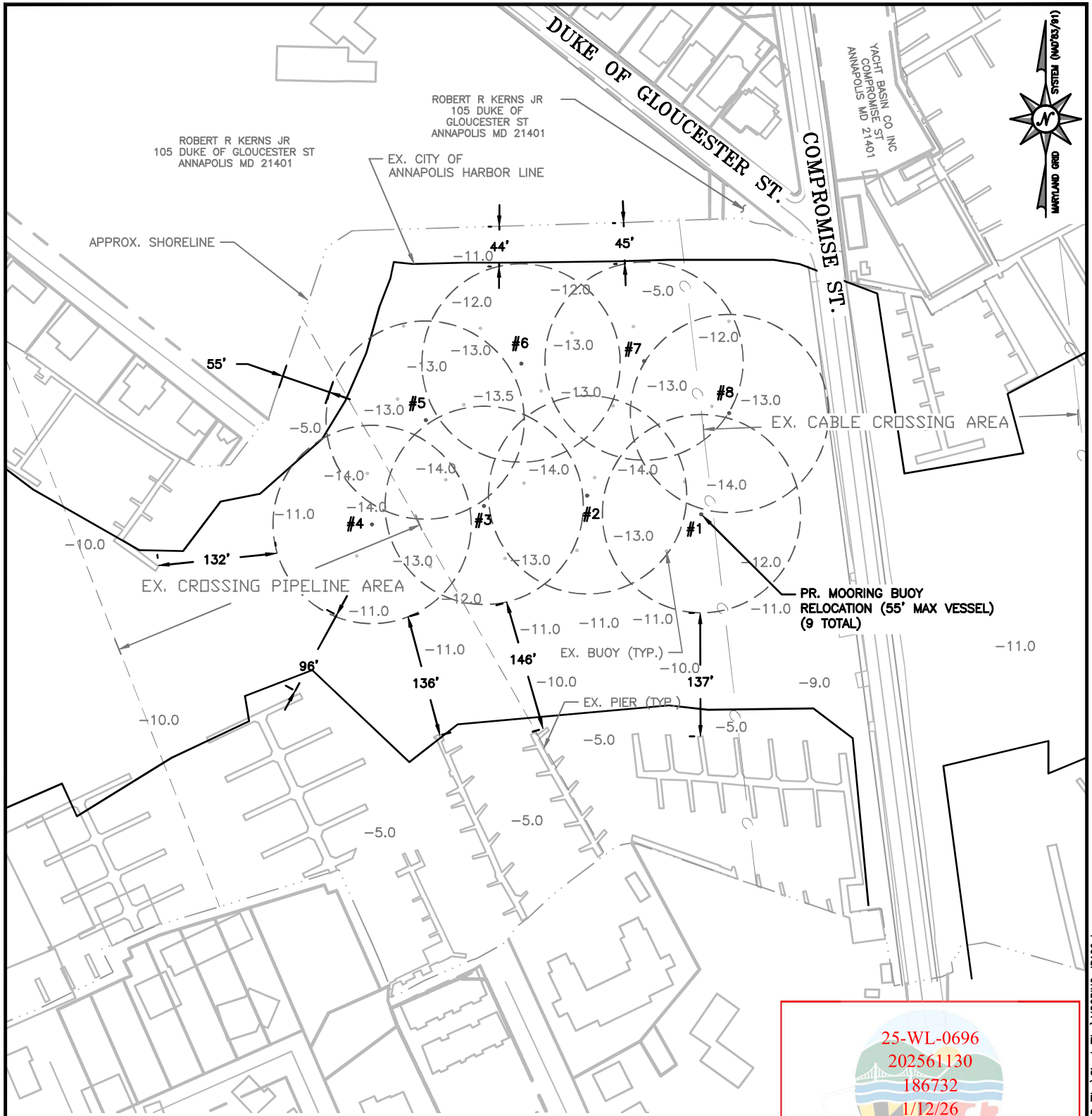
APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

EXISTING CONDITIONS

DATE: JANUARY 2026 SHEET 7 OF 14



Bay & Land
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



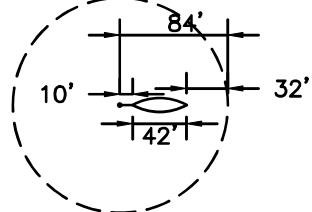
**SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY**

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

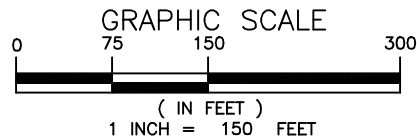
SITE PLAN

DATE: JANUARY 2026 SHEET 8 OF 14

EXAMPLE 42' VESSEL
WITH 10' CHAIN LEADER
AND 32' GAP TO
ESTIMATED MAXIMUM
SWING RADIUS.



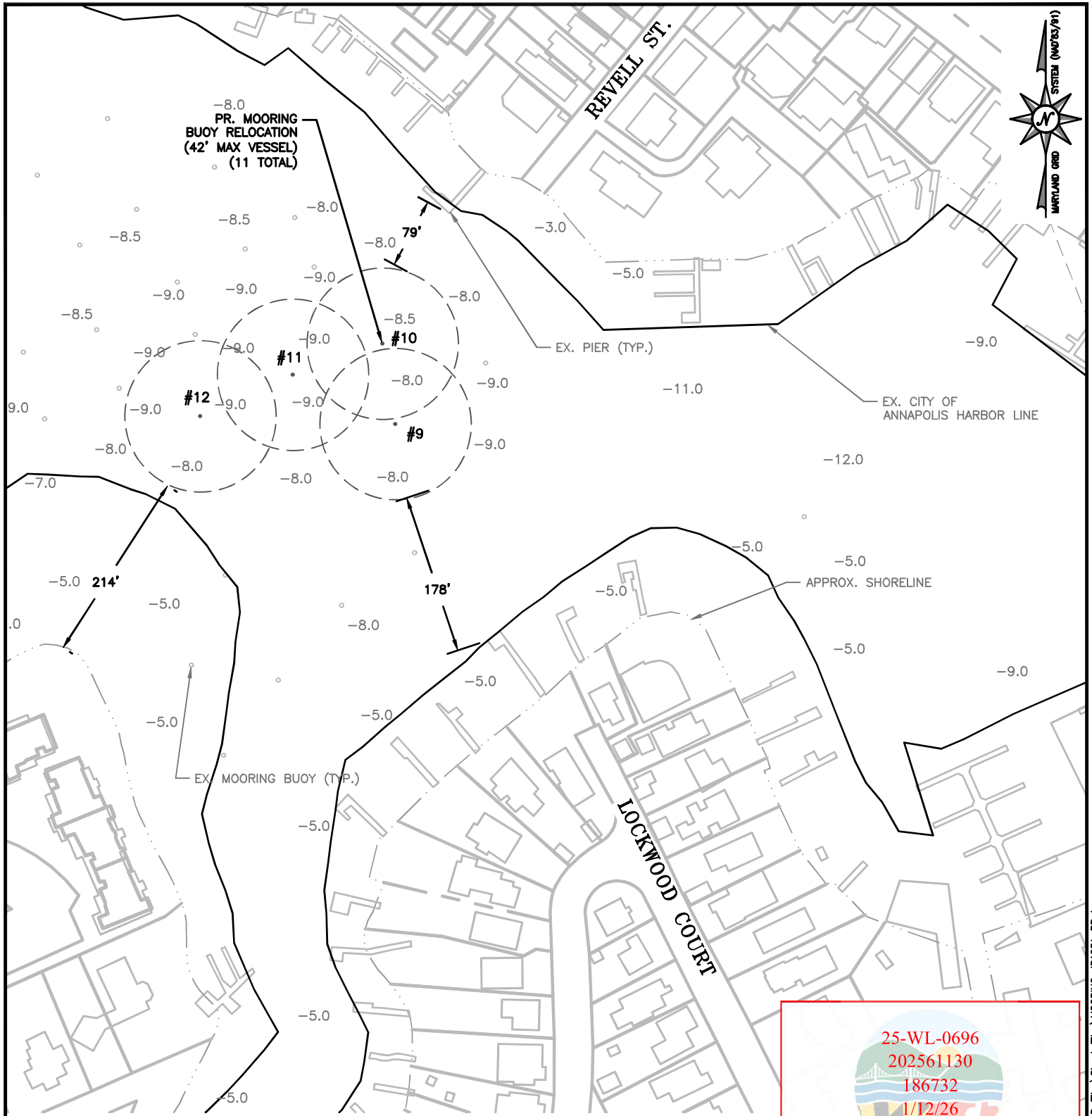
25-WL-0696
202561130
186732
1/12/26
MT



Bay and
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:\B_53401_ST_MARY'S_SPA_CREEK_MOORING_FIELD_RECONFIG\CAD Files\Sheet Files\MOORING_JPA06.dwg



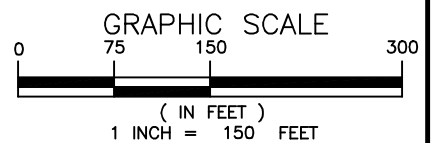
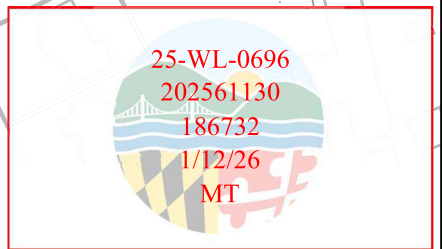
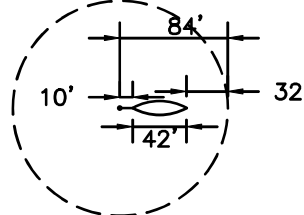
**SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY**

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

SITE PLAN

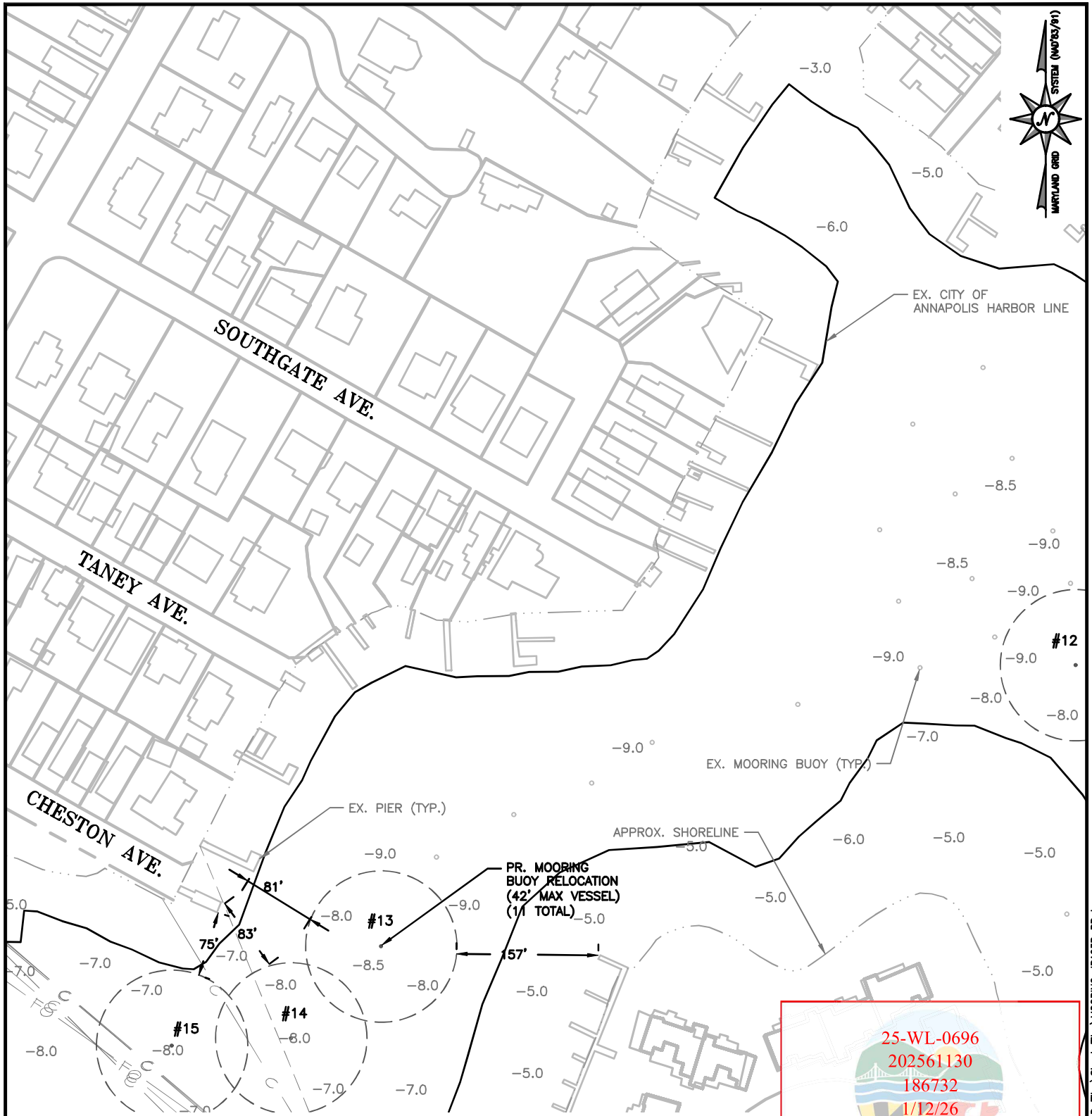
DATE: JANUARY 2026 SHEET 9 OF 14

EXAMPLE 42' VESSEL
WITH 10' CHAIN LEADER
AND 32' GAP TO
ESTIMATED MAXIMUM
SWING RADIUS.



Bay and
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.bayandinc.com

Z:\B_53401_ST_MARY'S_SPA_CREEK_MOORING_FIELD_RECONFIG\CAD Files\Sheet Files\MOORING_JPA03A_PR.dwg



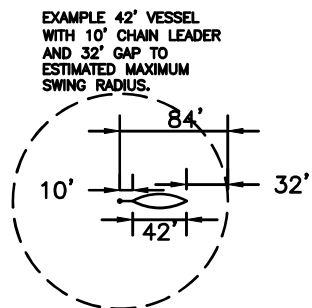
SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

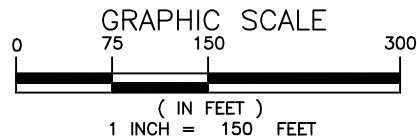
SITE PLAN

DATE: JANUARY 2026 SHEET 10 OF 14

PR. MOORING
BUOY RELOCATION
(42' MAX VESSEL)
(1/ TOTAL)



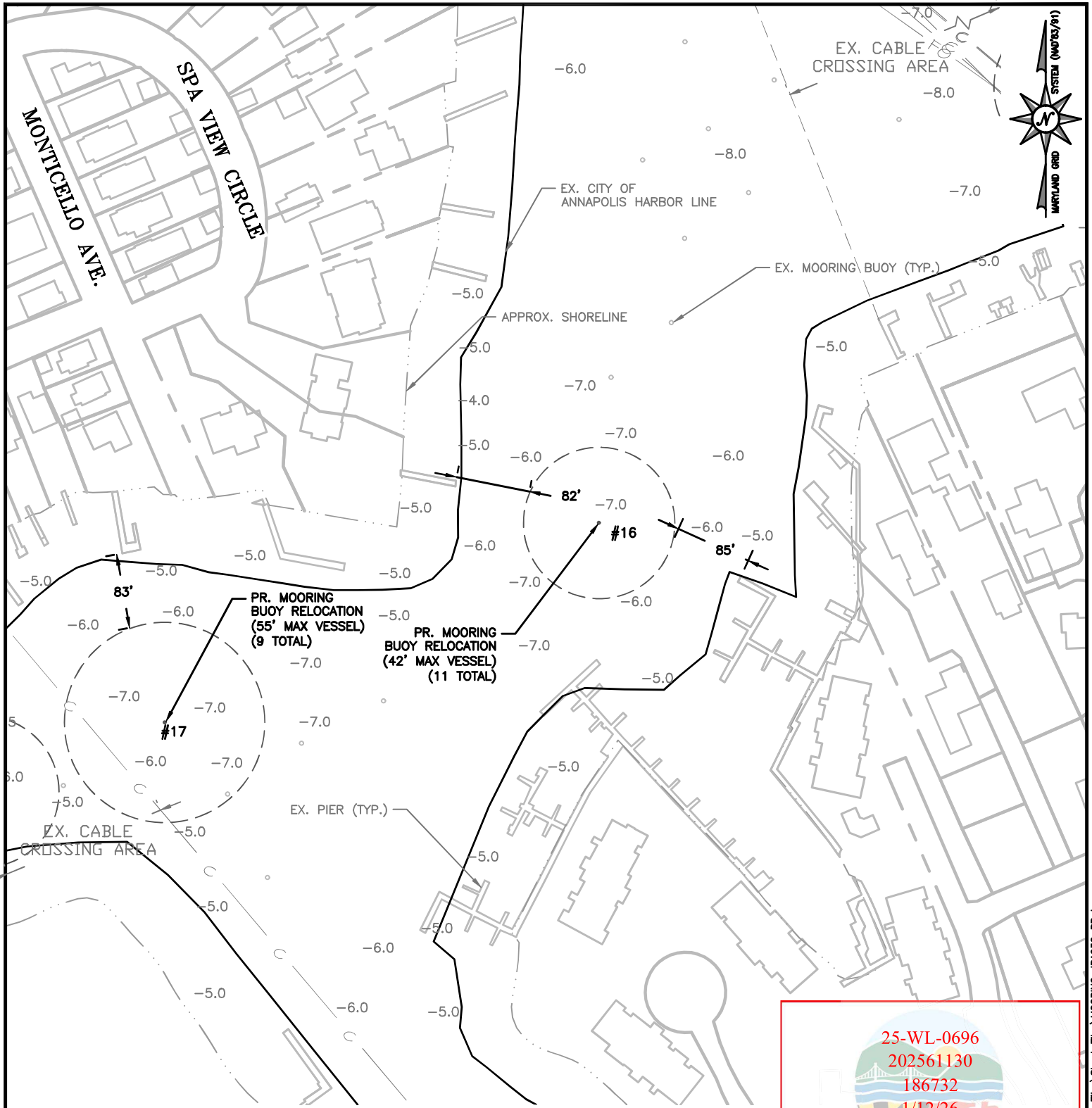
25-WL-0696
202561130
186732
1/12/26
MT



Bay and Associates, 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:\B_53401_ST_MARY'S_SPA_CREEK_MOORING_FIELD_RECONFIG\CAD Files\Sheet Files\MOORING_JPA03B_PR.dwg



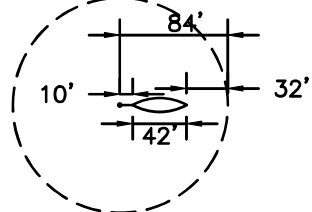
**SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY**

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

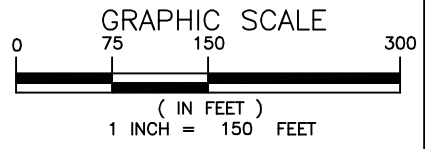
SITE PLAN

DATE: JANUARY 2026 SHEET 11 OF 14

EXAMPLE 42' VESSEL
WITH 10' CHAIN LEADER
AND 32' GAP TO
ESTIMATED MAXIMUM
SWING RADIUS.



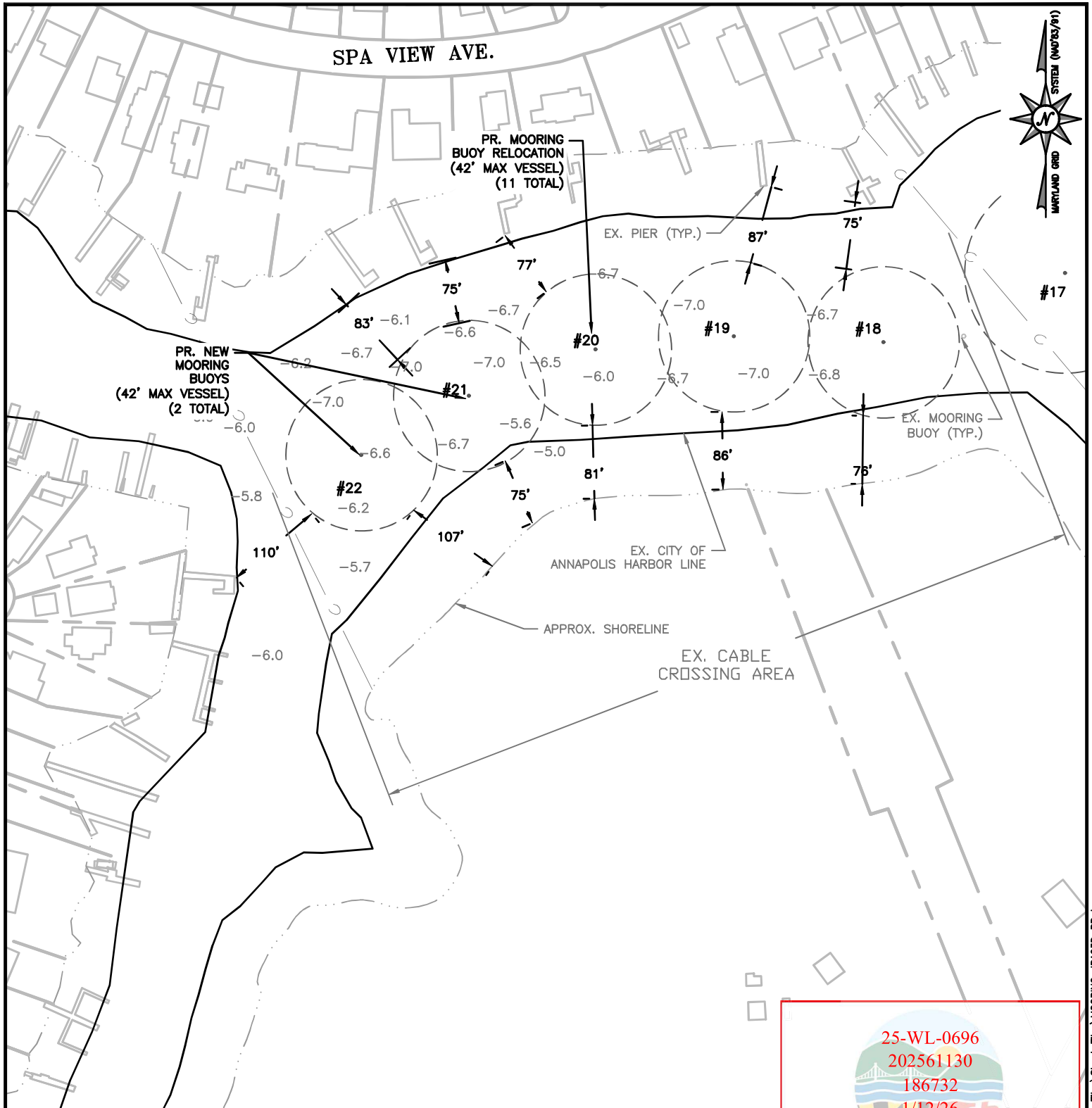
25-WL-0696
202561130
186732
1/12/26
MT



Bay and
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:\B_53401_ST_MARY'S_SPA_CREEK_MOORING_FIELD_RECONFIG\CAD Files\Sheet Files\MOORING_JPA03C_PR.dwg



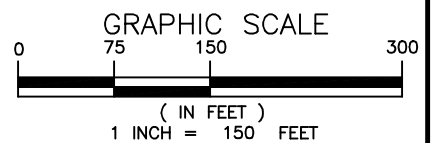
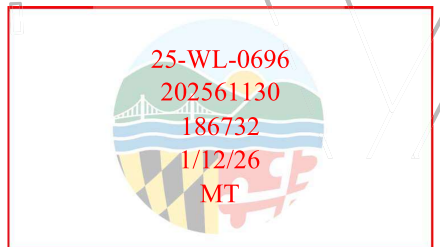
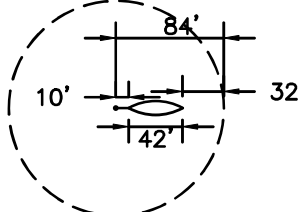
SPA CREEK MOORING FIELD
RECONFIGURATION
AT
ANNAPOLIS
ANNE ARUNDEL COUNTY

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

SITE PLAN

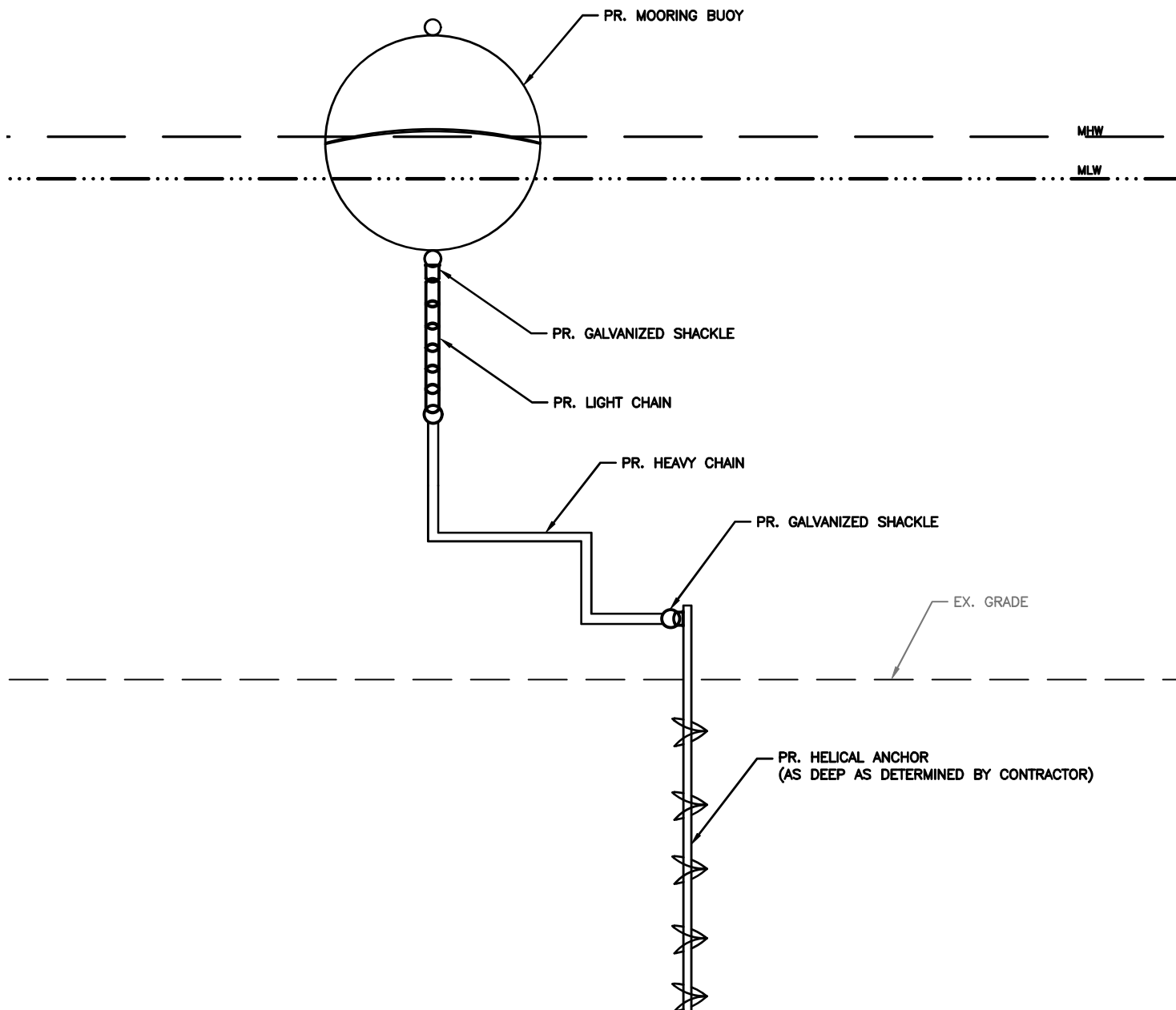
DATE: JANUARY 2026 SHEET 12 OF 14

EXAMPLE 42' VESSEL
WITH 10' CHAIN LEADER
AND 32' GAP TO
ESTIMATED MAXIMUM
SWING RADIUS.



Bay and
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



MOORING BUOY WITH HELICAL **ANCHOR TYPICAL**

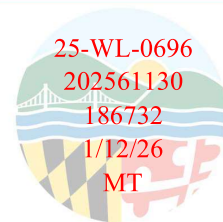
SCALE: NTS

SPA CREEK MOORING FIELD
 RECONFIGURATION
 AT
 ANNAPOLIS
 ANNE ARUNDEL COUNTY

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

CROSS SECTIONS

DATE: JANUARY 2026 SHEET 13 OF 14



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

PROJECT SUMMARY

MOORING BUOYS TO BE RELOCATED

22 - 88 SF (11-42' MOORINGS, 9-55' MOORINGS)

NEW MOORING BUOYS TO BE ADDED

2 - 8 SF (2-42' MOORINGS)

IMPACT SUMMARY

TOTAL PROPOSED IMPACT = 88 SF (0.002 AC)

TOTAL AREA OF IMPACT FROM MHW INTO TIDAL WATERS = 88 SF (0.002 AC)

TOTAL AREA OF IMPACT TO PRIVATE TIDAL WETLANDS = 0 SF

NOTES

1. BASEMAP COMPILED FROM ANNE ARUNDEL COUNTY PLANIMETRICS AND AERIAL PHOTOGRAPHY.
2. SOUNDINGS AND CONTOURS ARE IN FEET AND REFER TO MLW.
3. TIDAL RANGE IS ~0.97'.
4. BATHYMETRIC SURVEY WAS PERFORMED BY MARYLAND DEPARTMENT OF NATURAL RESOURCES DECEMBER 2020, JANUARY 2020, AND FEBRUARY 2023.
5. THESE ARE PERMIT DRAWINGS ONLY AND SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.

SPA CREEK MOORING FIELD RECONFIGURATION AT ANNAPOLIS ANNE ARUNDEL COUNTY

APPL. BY: CITY OF ANNAPOLIS C/O TYLER NORTHFIELD

SITE NOTES

DATE: JANUARY 2026 SHEET 14 OF 14



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.bayandinc.com