

LOCATION MAP

N.T.S.

AUTHORIZED AGENT:

MATT GOODRICH, P.E.
 WATER ENVIRONMENT CONSULTANTS
 PO BOX 2221
 MOUNT PLEASANT, SC 29465-2221

ADJACENT PROPERTY OWNERS:

(SEE SHEET 2)

**CUMBERLAND HARBOUR
 DEVELOPMENT
 SOUTH POINT PARK
 LIVING SHORELINE
 ST. MARY'S, GEORGIA**

LAT.: 30.727151° N
 LON.: -81.506868 W

PROPOSED: CONSTRUCT LIVING SHORELINE
 EROSION PROTECTION

IN: CUMBERLAND HARBOUR DEVELOPMENT

ON: POINT PETER CREEK

COUNTY OF: CAMDEN **REVISED:** 4-29-2025

STATE OF: GEORGIA **REVISED:** 7-2-2025

DATE: 10-26-2024 **REVISED:** 7-31-2025

SHEET: 1 OF 14 **REVISED:** 10-15-2025

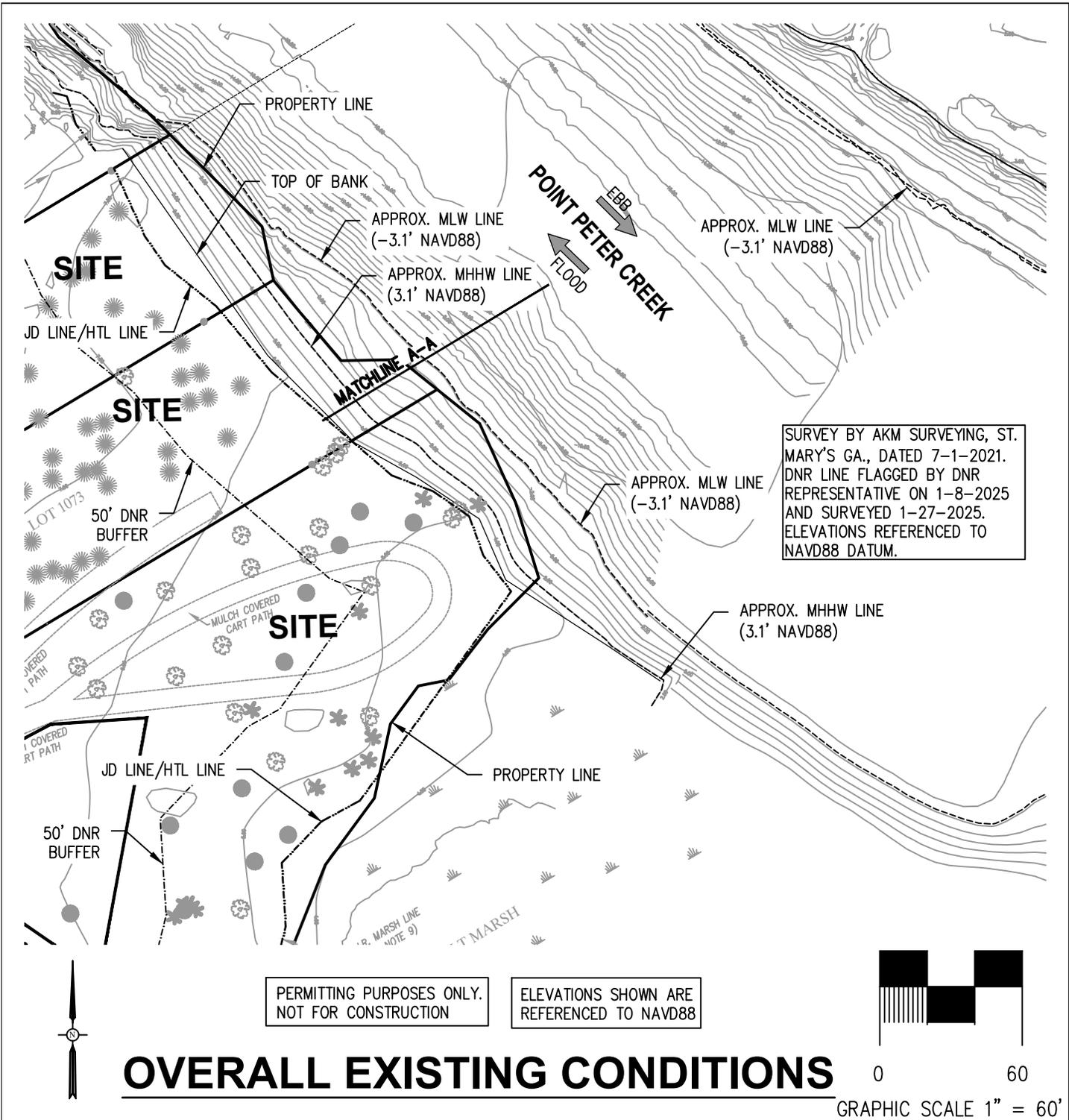
REVISED: 12-2-2025



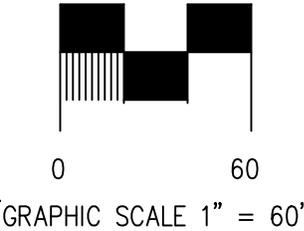
- ① ROMSPEN (CH) LLC
162 CUMBERLAND STREET
TORONTO, ON M5R 3N5
- ③ CUMBERLAND HARBOUR POA, INC.
354 SPINNAKER DRIVE
ST. MARY'S, GA 31558
(APPLICANT)
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(APPLICANT)

ADJACENT PROPERTY OWNERS

<p><u>AUTHORIZED AGENT:</u> MATT GOODRICH, P.E. WATER ENVIRONMENT CONSULTANTS PO BOX 2221 MOUNT PLEASANT, SC 29465-2221</p> <p><u>ADJACENT PROPERTY OWNERS:</u> (SEE SHEET 2)</p>	<p>CUMBERLAND HARBOUR DEVELOPMENT SOUTH POINT PARK LIVING SHORELINE ST. MARY'S, GEORGIA</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p>LAT.: 30.727151° N LON.: -81.506868 W</p> </div>	<p><u>PROPOSED:</u> CONSTRUCT LIVING SHORELINE EROSION PROTECTION</p> <p><u>IN:</u> CUMBERLAND HARBOUR DEVELOPMENT</p> <p><u>ON:</u> POINT PETER CREEK</p> <p><u>COUNTY OF:</u> CAMDEN <u>REVISED:</u> 4-29-2025</p> <p><u>STATE OF:</u> GEORGIA <u>REVISED:</u> 7-2-2025</p> <p><u>DATE:</u> 10-26-2024 <u>REVISED:</u> 7-31-2025</p> <p><u>SHEET:</u> 2 OF 14 <u>REVISED:</u> 10-15-2025 <u>REVISED:</u> 12-2-2025</p>
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OVERALL EXISTING CONDITIONS



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CUMBERLAND HARBOUR DEVELOPMENT SOUTH POINT PARK LIVING SHORELINE ST. MARY'S, GEORGIA

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IN: CUMBERLAND HARBOUR DEVELOPMENT

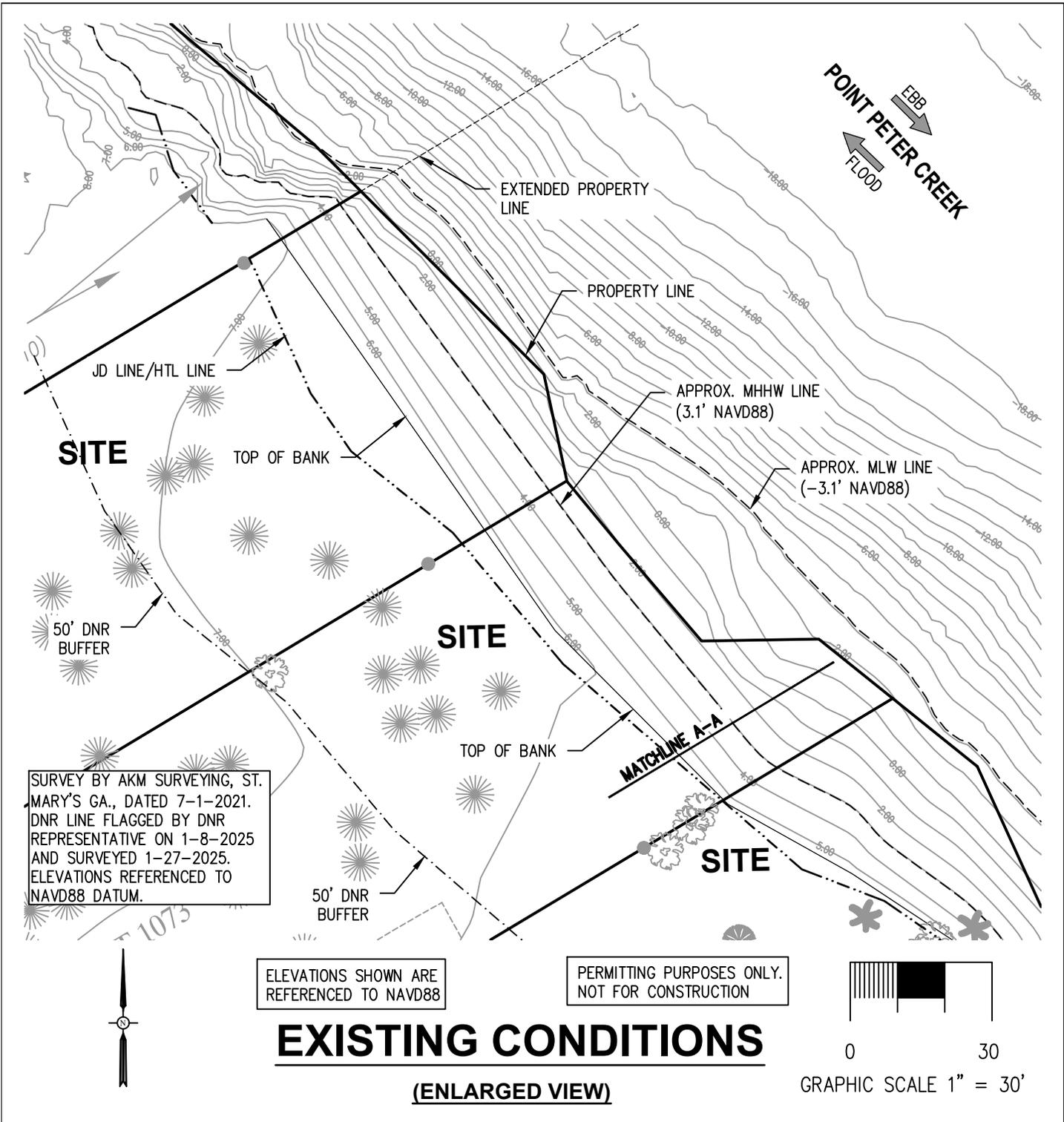
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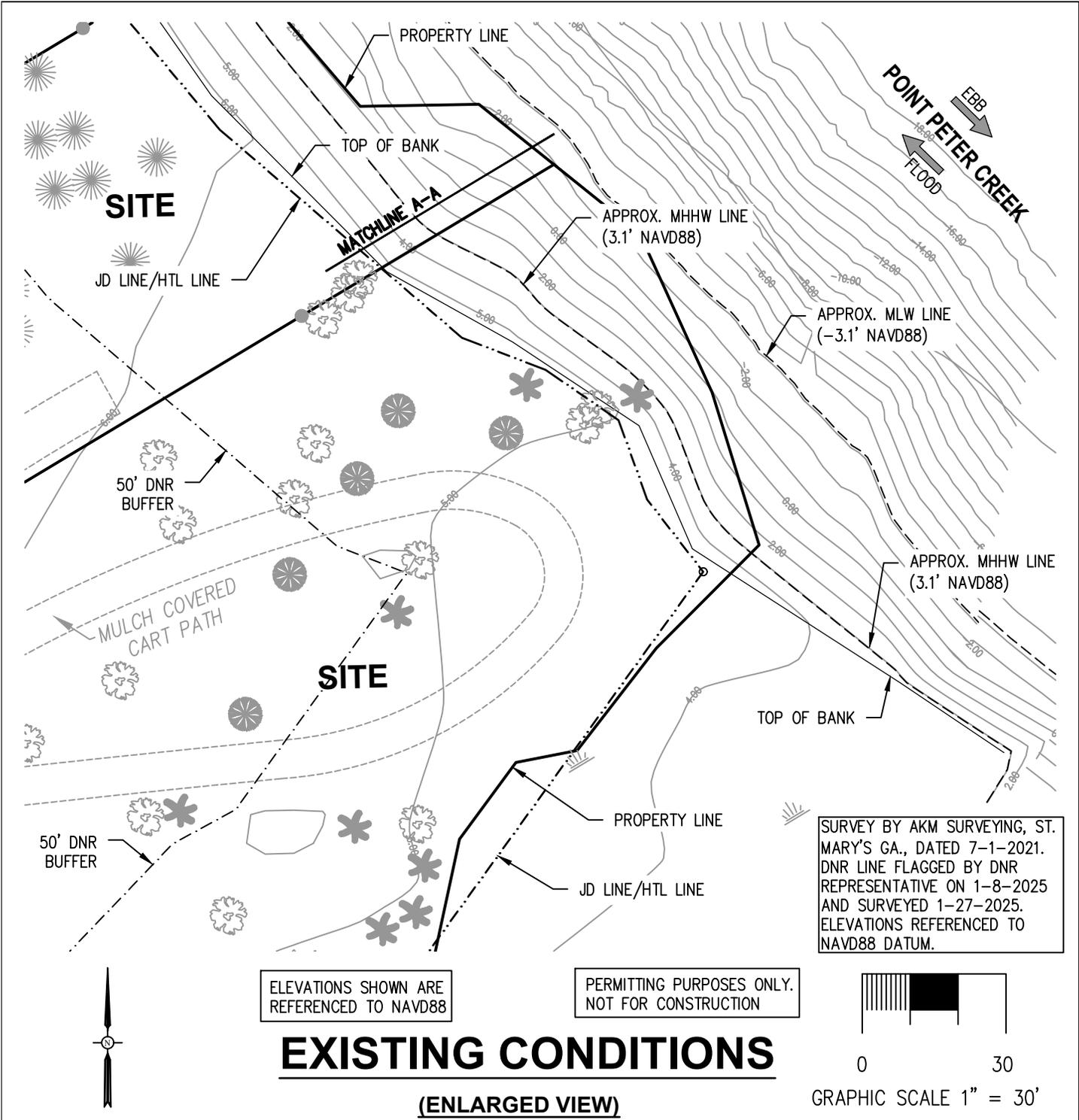
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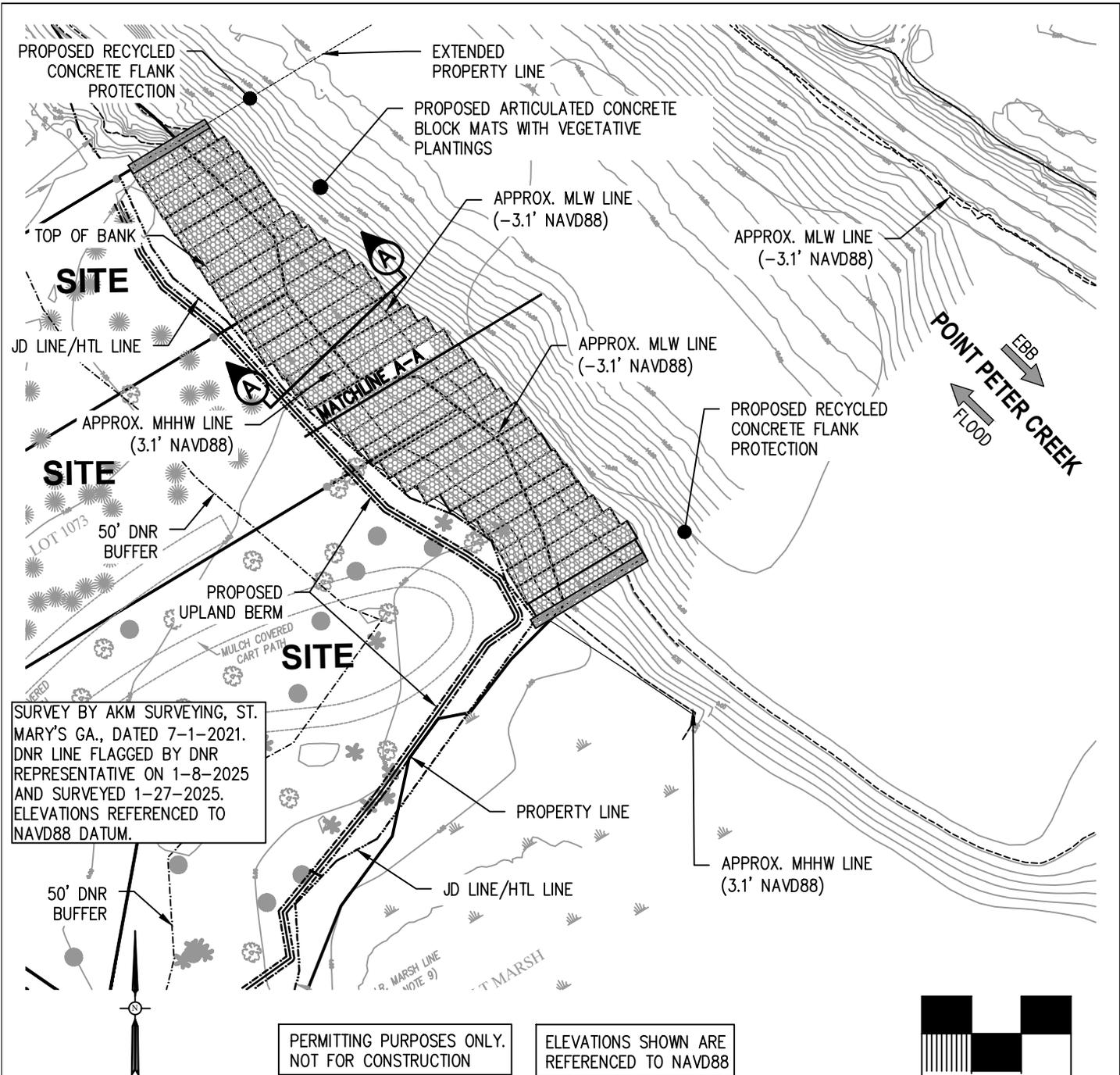
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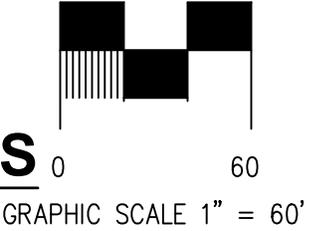


SURVEY BY AKM SURVEYING, ST. MARY'S GA., DATED 7-1-2021. DNR LINE FLAGGED BY DNR REPRESENTATIVE ON 1-8-2025 AND SURVEYED 1-27-2025. ELEVATIONS REFERENCED TO NAVD88 DATUM.

PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION

ELEVATIONS SHOWN ARE REFERENCED TO NAVD88

OVERALL PROPOSED IMPROVEMENTS



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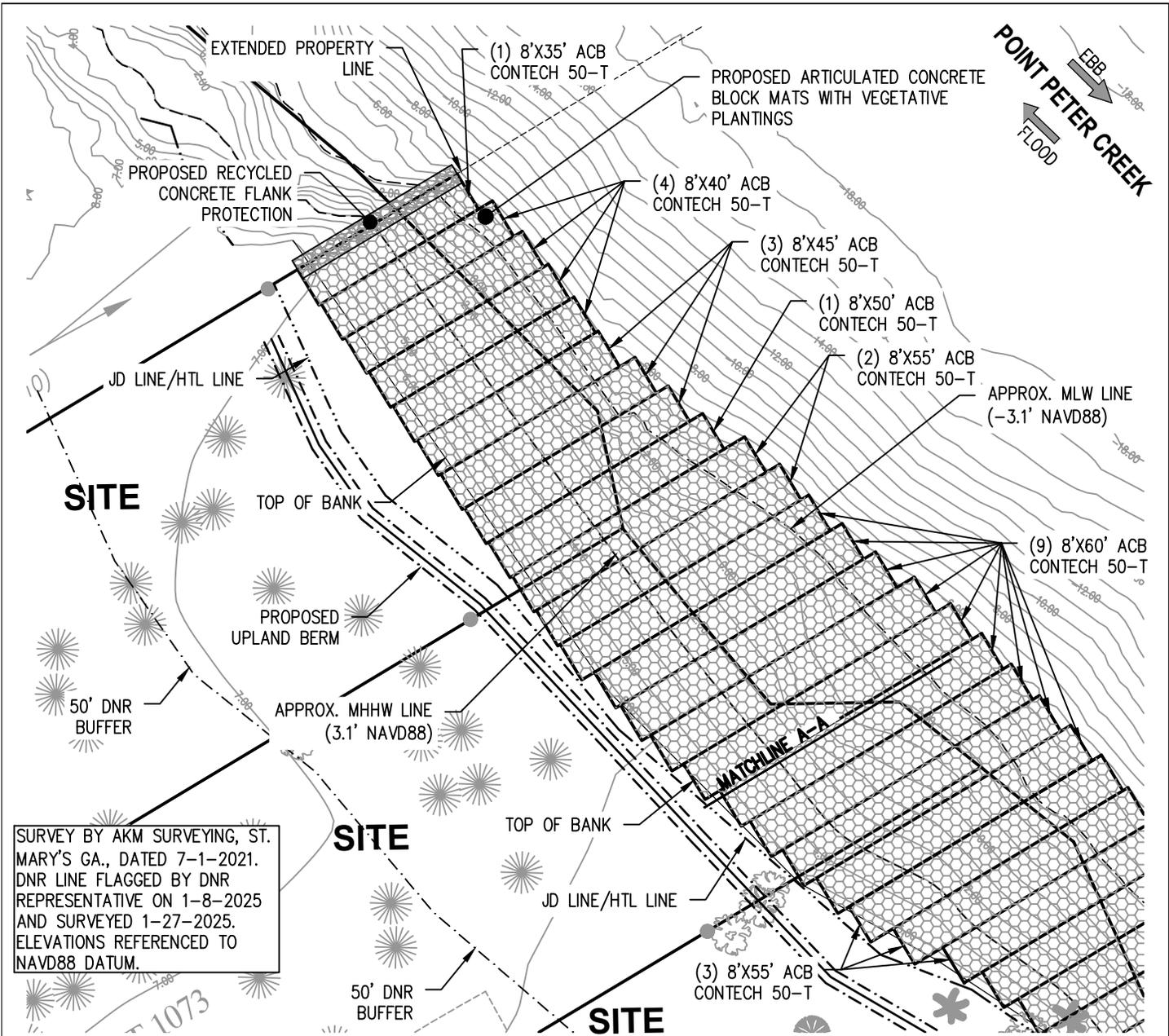
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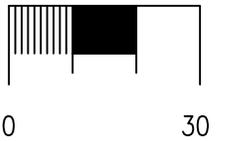
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PROPOSED IMPROVEMENTS

(ENLARGED, DIMENSIONED VIEW)

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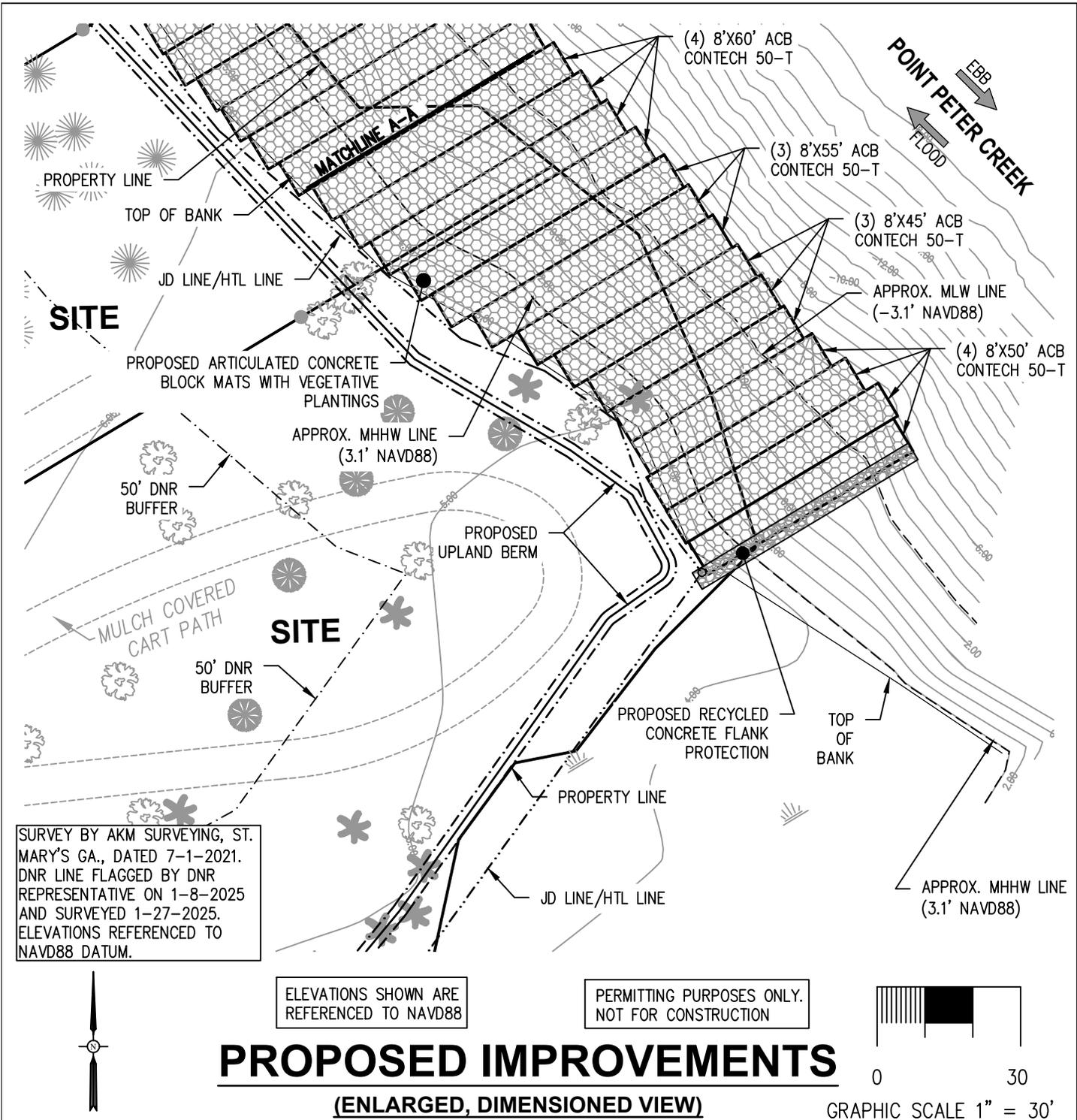
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ADJACENT PROPERTY OWNERS:
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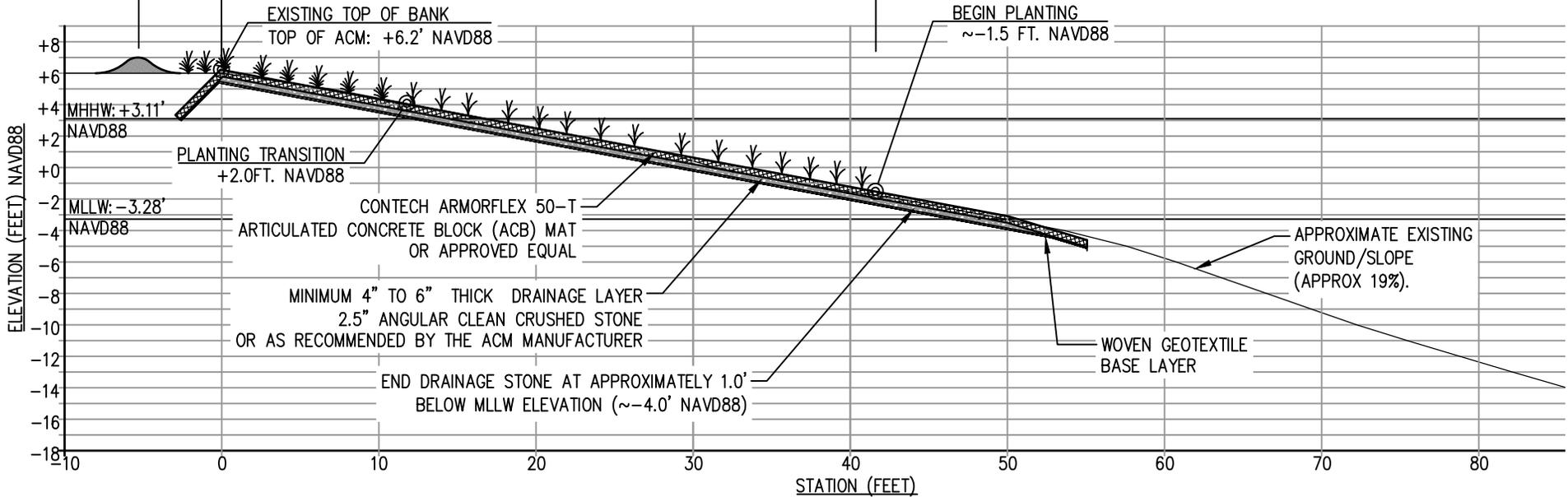
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SALT TOLERANT NATIVE SPECIES PLANTING: ABOVE SPARTINA TO UPLAND EXTENT OF DISTURBED AREA. TOPSOIL SHALL BE PLACED IN ALL OPEN AREAS OF ACB MAT WITHIN THIS AREA, EXCEPT AT KAYAK LAUNCH / WATER ACCESS AREA

SPARTINA PLANTING: FROM ~-1.5' TO +4.0' NAVD88 ELEVATION. TOPSOIL SHALL BE PLACED IN ALL OPEN AREAS OF ACB MAT WITHIN THIS AREA. SPARTINA ALTERNIFLORA PLUGS. SHALL BE PLANTED IN ACB OPEN AREAS AT ~1.5' (18") SPACING (EACH DIRECTION) (SEE PLANTING NOTES) EXCEPT AT KAYAK LAUNCH / WATER ACCESS AREA

VARIES 6'-8'



PROPOSED IMPROVEMENTS SECTION A-A

ARTICULATED CONCRETE BLOCK MATS (ACB) SLOPE/BANK PROTECTION PROFILE



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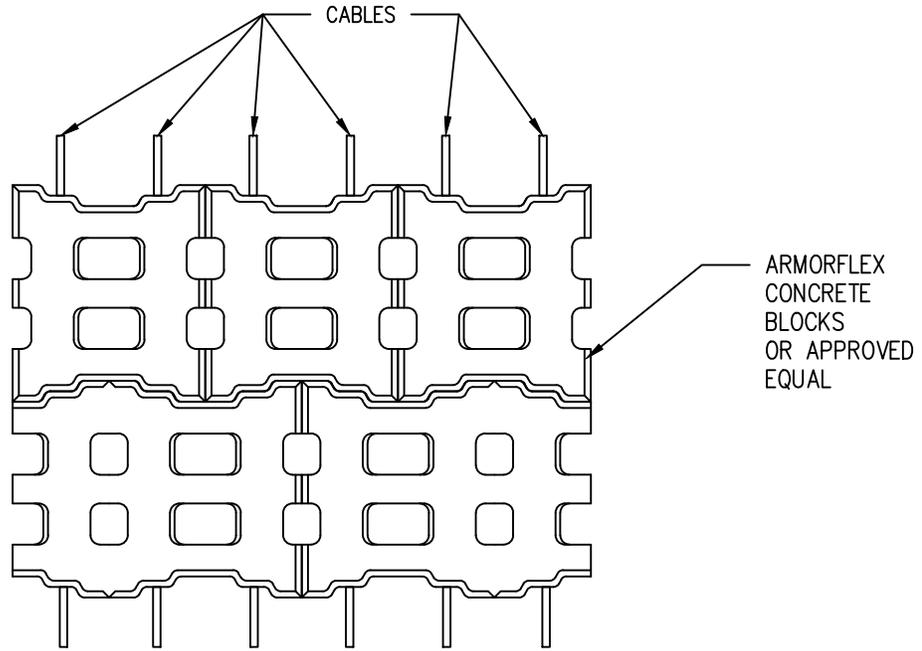
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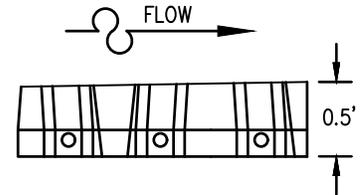
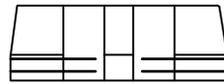
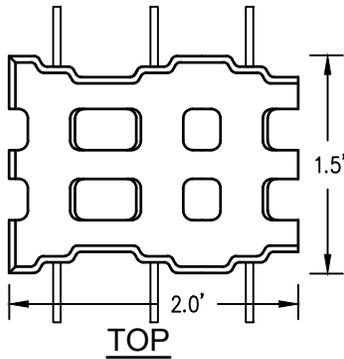
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PLAN



PROPOSED IMPROVEMENTS

ARTICULATED CONCRETE BLOCK (ACB) MAT TYPICAL 50TSS-1.5 BLOCK

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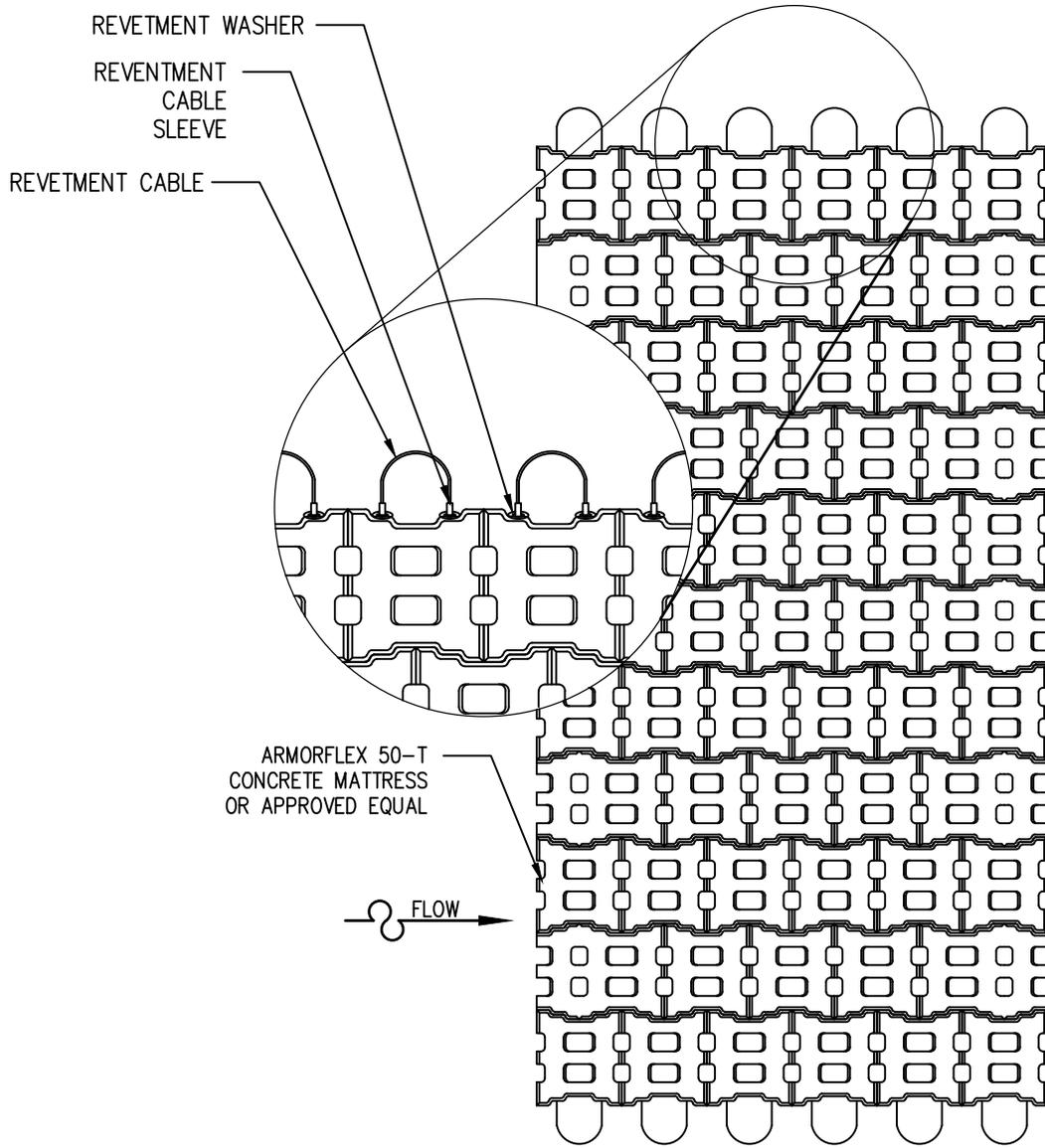
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PROPOSED IMPROVEMENTS

ARTICULATED CONCRETE BLOCK (ACB) MAT TYPICAL 50TSS-1.5 BLOCK

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PLANTING OUTLINE:

1. SPARTINA ALTERNIFLORA PLANTING: SPARTINA PLANTING SHALL BE INSTALLED FROM ~-1.5' TO +4.0' NAVD88 ELEVATION. TOPSOIL SHALL BE PLACED IN ALL OPEN AREAS OF ACB MAT WITHIN THIS AREA. SPARTINA ALTERNIFLORA PLUGS. SHALL BE PLANTED IN ACB OPEN AREAS AT ~1.5' (18") SPACING (EACH DIRECTION). SPARTINA ALTERNIFLORA PLANTING SHALL NOT BE INSTALLED WITHIN THE DESIGNATED KAYAK LAUNCH / WATER ACCESS AREAS.
2. SALT TOLERANT NATIVE SPECIES PLANTING: SALT TOLERANT NATIVE SPECIES PLANTING SHALL BE INSTALLED FROM THE +4.0' NAVD88 ELEVATION TO THE EARTH BERM. TOPSOIL SHALL BE PLACED IN ALL OPEN AREAS OF ACB MAT AND BETWEEN THE TOP OF THE ACB MAT AND THE EARTH BERM. THE SALT TOLERANT NATIVE SPECIES PLANTINGS SHALL BE PLANTED IN ACB OPEN AREAS AND AREAS BETWEEN THE TOP OF THE ACB MAT AND THE EARTH BERM AT ~1.5' (18") SPACING (EACH DIRECTION). PLANTING SHALL INCLUDE THE FOLLOWING BASED ON LOCATION ALONG SLOPE AND ELEVATION:
 - A. HIGH MARSH SPECIES MAY INCLUDE THE FOLLOWING: SALT GRASS (DISTICHLIS SPICATA), SALTWORT (BATHIS MARITIMA), SEA OXEYE DAISY (BORRICHIA FRUTESCENS), MARSH ELDER (IVA FRUTESCENS), SALTMEADOW CORDGRASS (SPARTINA PATENS)
 - B. UPLAND AND TRANSITIONAL SPECIES MAY INCLUDE: SWEETGRASS (MUHLENBERGIA FILIPES), YAUPON HOLLY (ILEX VOMITORIA) AND OTHER NATIVE SPECIES.

PROPOSED IMPROVEMENTS

PLANTING NOTES

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ENVIRONMENTAL IMPACTS BELOW MHHW:

<u>ACB MATS:</u>	11,844 SF	218 CY
<u>ROCK DRAINAGE LAYER:</u>	11,844 SF	218 CY
<u>RECYCLED CONCRETE FLANK PROTECTION:</u>	357 SF	26 CY

PROPOSED IMPROVEMENTS

ENVIRONMENTAL IMPACTS

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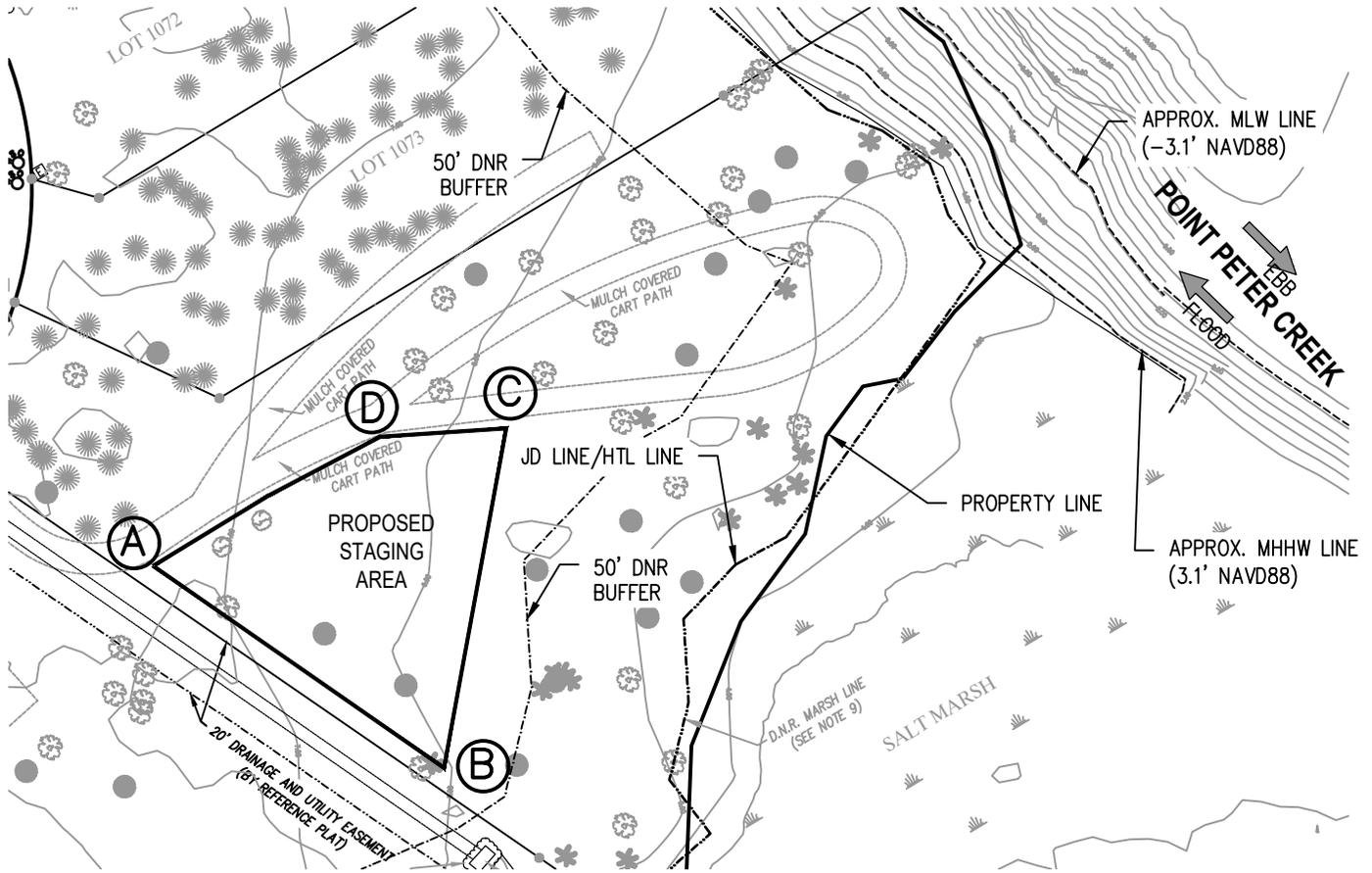
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STAGING AREA COORDINATES

<u>A</u>	N: 264945.08	E: 861936.30
<u>B</u>	N: 264886.52	E: 862087.93
<u>C</u>	N: 264989.16	E: 862049.13
<u>D</u>	N: 264986.50	E: 862008.79



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ELEVATIONS SHOWN ARE
REFERENCED TO NAVD88

PROPOSED STAGING AREA



0 60
GRAPHIC SCALE 1" = 60'

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