



DEPARTMENT OF
ENVIRONMENTAL PROGRAMS

Worcester County

GOVERNMENT CENTER
ONE WEST MARKET STREET, ROOM 1306
SNOW HILL, MARYLAND 21863
TEL: 410.632.1220 / FAX: 410.632.2012

LAND PRESERVATION PROGRAM
STORMWATER MANAGEMENT
SEDIMENT AND EROSION CONTROL
SHORELINE CONSTRUCTION
AGRICULTURAL PRESERVATION
ADVISORY BOARD

WELL & SEPTIC
WATER & SEWER PLANNING
PLUMBING & GAS
CRITICAL AREAS/FORESTRY
COMMUNITY HYGIENE

August 21, 2023

This notification is to advise you that the Department has received and is presently reviewing the following request for a shoreline construction project:

Ocean Pines Association/ Mary Hutzler – Request No. 2023-076 – Request to replace 71 lf of existing failing timber bulkhead with new vinyl sheet pile bulkhead new piles spaced maximum 6.5' O.C. Maximum of 18" channelward. This project is located at 82 Wood Duck Drive, Ocean Pines, also known as Tax Map 21, Parcel 260, Lot 21. Third Tax District of Worcester County, Maryland.

The Department in considering this application will make specific findings of fact with regard to the environmental impact, navigational impact, recreational potential, commercial benefit to Worcester County, impact of the proposed construction upon the surrounding neighborhood and upon property values therein, and any other pertinent issues. Approval from the Department does not guarantee approval from any other applicable regulatory agencies.

If you have an interest which may be adversely affected by the issuance of this permit, you are requested to notify this Department in writing within fifteen (15) calendar days which will end on September 5, 2023.

Sincerely,

Brandy Whitlock
Environmental Inspector

cc: Interested Parties
Joy Birch
File



WORCESTER COUNTY
SHORELINE CONSTRUCTION
APPLICATION

Request No.: 2023-076
Submission Date: 8-21-23

Major Construction (\$300.00) X Minor Construction (\$150.00)

Written Description of Proposed Improvement (include channelward distance):

To replace 71 LF of existing failing timber bulkhead at 82 Wood Duck Drive in Ocean Pines, see attached plans, with new vinyl sheet pile bulkhead and new piles spaced at a maximum 6.5' o.c. with a maximum channelward encroachment of 18" and backfill the void between the old and new bulkhead with clean sand.

Property Description:

Map: 21 Parcel: 260 Lot: 21 Section: 14D Block: Tax District: 03

Street Address: 82 Wood Duck Dr, Ocean Pines, MD 21811

Subdivision: Ocean Pines - Section 14D

Dwelling on lot: Yes Dwelling under construction: No Vacant: Commercial:

(Bulkhead Owner) -

Owner: Ocean Pines Association, Inc. - Attention Nobie Violante Phone No. (410) 641-7425

Mailing Address: 239 Ocean Parkway, Ocean Pines, MD 21811

E-Mail Address: nvioalnte@oceanpines.org

Contractor: Fisher Marine Construction 079(E) Phone No.: 757-336-5419

Mailing Address:

E-Mail Address: fishermarine@yahoo.com

Recorded Adjacent Property Owner: Cheryl Stewart

Property Address: 84 Wood Duck Dr, Ocean Pines, MD 21811

Tax Map: 21 Parcel: 260 Lot: 20 Section: 14D Block:

-1301 Double Gate Rd Davidsonville, MD 21035

Recorded Adjacent Property Owner: John & Geraldine Petterson

Property Address: 80 Wood Duck Dr, Ocean Pines, MD 21811

Tax Map: 21 Parcel: 260 Lot: 22 Section: 14D Block:

-13505 Fork Rd Baldwin, MD 3103

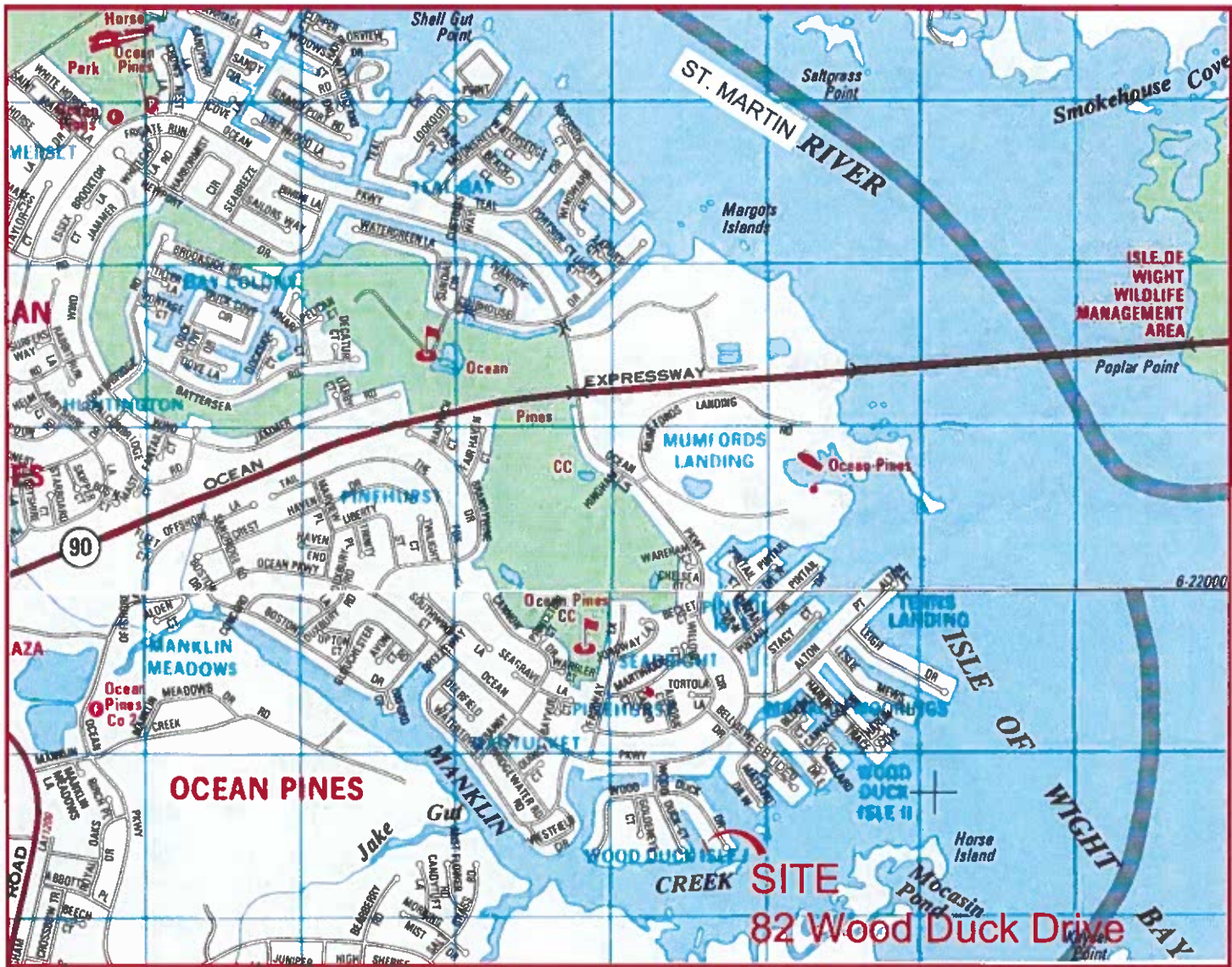
As the applicant, I attest that the information presented on this application, site plan and any written documentation attached hereto is known to be accurate. I understand that the proposed shoreline improvement will be constructed to meet or exceed minimum design standards adopted by the Department. Any deviation from these standards will require construction plans sealed by an engineer registered in the State of Maryland. I acknowledge that any falsification of information presented may result in revocation of this approval and of the subsequent Shoreline Construction Permit.

Owner/Applicant's Signature Date 8-15-23

DEPT. USE ONLY:

Notification Distribution Date: 8-21-23 Public Comment Deadline: 9-5-23 (15 calendar days)

Department Approval Date: Expiration:



UNNAMED CANAL TO MANKLIN CREEK 38°22'27" N 75°07'42" W

SHEET INDEX

- 1 LOCATION MAP
- 2 PROJECT AREA & PROPERTY OWNER TABLES
- 3-4 SITE AREA EXISTING/PROPOSED PLANS
- 5-10 SECTION & ELEVATION DETAILS

QUANTITY

TOTAL LENGTH = 71 LF TOTAL AREA = 107 SQ. FT.
 TOTAL CLEAN SAND FILL = 28 CU. YD.

PERMIT REQUEST

TO REPLACE DETERIORATING TIMBER BULKHEAD WITH NEW VINYL SHEETING WITH MAXIMUM CHANNEL-WARD ENCROACHMENT OF 18". ALSO INCLUDED AS PART OF THIS PERMIT IS TO BACKFILL THE VOID BETWEEN THE OLD BULKHEAD AND NEW BULKHEAD WITH CLEAN SAND.

NOTES:

EXISTING BULKHEAD IS THE PROPERTY OF OCEAN PINES ASSOCIATION, INC. (OPA). EXISTING BOAT LIFTS, POWER WATER CRAFT LIFTS, PLATFORMS, PIERS ETC. ARE NOT INCLUDED AS PART OF THIS PERMIT. THESE ARE PRIVATELY OWNED BY LOT OWNERS AND WILL REQUIRE SEPARATE PERMITS TO ALTER OR MOVE CHANNEL-WARD.

LEGEND

- AFFECTED PROPERTY ADDRESS
- ADJACENT PROPERTY ADDRESS
- BULKHEAD ELEVATION POINTS
- SOUNDINGS ELEVATION POINTS
- EXISTING PROPERTY LINE
- EXISTING BULKHEAD
- MEAN HIGH WATER LEVEL
- PROPOSED NEW BULKHEAD

82

80

X3.9

X(-4.1)

— — — — —

— — — — —

— — — — —

— — — — —

BULKHEAD OWNER:

OCEAN PINES ASSOCIATION INC.
 239 OCEAN PARKWAY
 OCEAN PINES, MARYLAND 21811
 PHONE 410-641-5581

LOCATION:

UNNAMED CANAL
 82 WOOD DUCK DRIVE
 OCEAN PINES, MARYLAND 21811
 WORCESTER COUNTY



SCALE: 1" = 2000'

NOTE:
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NOTE:
 This Drawing does not include necessary components for construction safety. All construction must be done in compliance with the occupational safety and health act of 1970 and all rules and regulations thereto applicable.



82 WOOD DUCK
 BULKHEAD
 REPLACEMENT

LOCATION
 MAP

VISTA
 DESIGN, INC.

Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants
 11634 Worcester Hwy, Shovel, MD 21862
 ph. 410-352-1874 email vista@vistadesigninc.com

PROJECT DATA

Project: 18-014
 File: CE 080923.dwg
 Date: 8/18/2023
 Scale: 1" = 2000'
 Sheet: 1 of 10

BULKHEAD QUANTITIES

BULKHEAD REPLACEMENT AREA 71 LF x 1.5W = 107 SQ. FT.
 CLEAN SAND FILL 71 LF x 1.5W x 7'H = 756 CU. FT. / 28 CU.YD.
 TOTAL LENGTH = 71 LF
 TOTAL AREA OF NEW BULKHEAD = 107 SQ. FT.
 TOTAL CLEAN SAND FILL REQUIRED 28 CU. YD.
 TOTAL DISTURBED AREA = 550 SQ. FT.

AFFECTED LOT OWNER INFORMATION

PROPERTY ADDRESS	MAILING ADDRESS	CURRENT OWNER	TAX MAP	GRID	PAR CEL	LOT #	SUB. SECT.	PLAT REF. (BOOK - PAGE)	DEED REF. (LIBER / FOLIO)
82 WOOD DUCK DR. OCEAN PINES 21811	SAME	MARY J. HUTZLER	21	0	260	21	14D	FWH 42-1	5676/163

ADJACENT LOT OWNER INFORMATION

PROPERTY ADDRESS	MAILING ADDRESS	CURRENT OWNER	TAX MAP	GRID	PAR CEL	LOT #	SUB. SECT.	PLAT REF. (BOOK - PAGE)	DEED REF. (LIBER / FOLIO)
80 WOOD DUCK DR. OCEAN PINES 21811	13505 FORK RD. BALDWIN, MD 21013	JOHN W & GERALDINE PETERSON	21	0	260	22	14D	FWH 42-1	2231/62
84 WOOD DUCK DR. OCEAN PINES 21811	1301 DOUBLE GATE RD. DAVIDSONVILLE, MD 21013	CHERYL L. STEWART	21	0	260	20	14D	FWH 42-1	8184/457

PERMIT REQUEST

TO REPLACE DETERIORATING TIMBER BULKHEAD WITH NEW VINYL SHEETING WITH MAXIMUM CHANNEL-WARD ENCROACHMENT OF 18". ALSO INCLUDED AS PART OF THIS PERMIT IS TO BACKFILL THE VOID BETWEEN THE OLD BULKHEAD AND NEW BULKHEAD WITH CLEAN SAND.

NOTES:

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- THERE ARE NO OBSERVED AQUATIC VEGETATIVE BEDS WITHIN PERMIT AREA.

BULKHEAD OWNER:

OCEAN PINES ASSOCIATION INC.
 239 OCEAN PARKWAY
 OCEAN PINES, MARYLAND 21811
 PHONE 410-641-5581

LOCATION:

UNNAMED CANAL
 82 WOOD DUCK DRIVE
 OCEAN PINES, MARYLAND 21811
 WORCESTER COUNTY

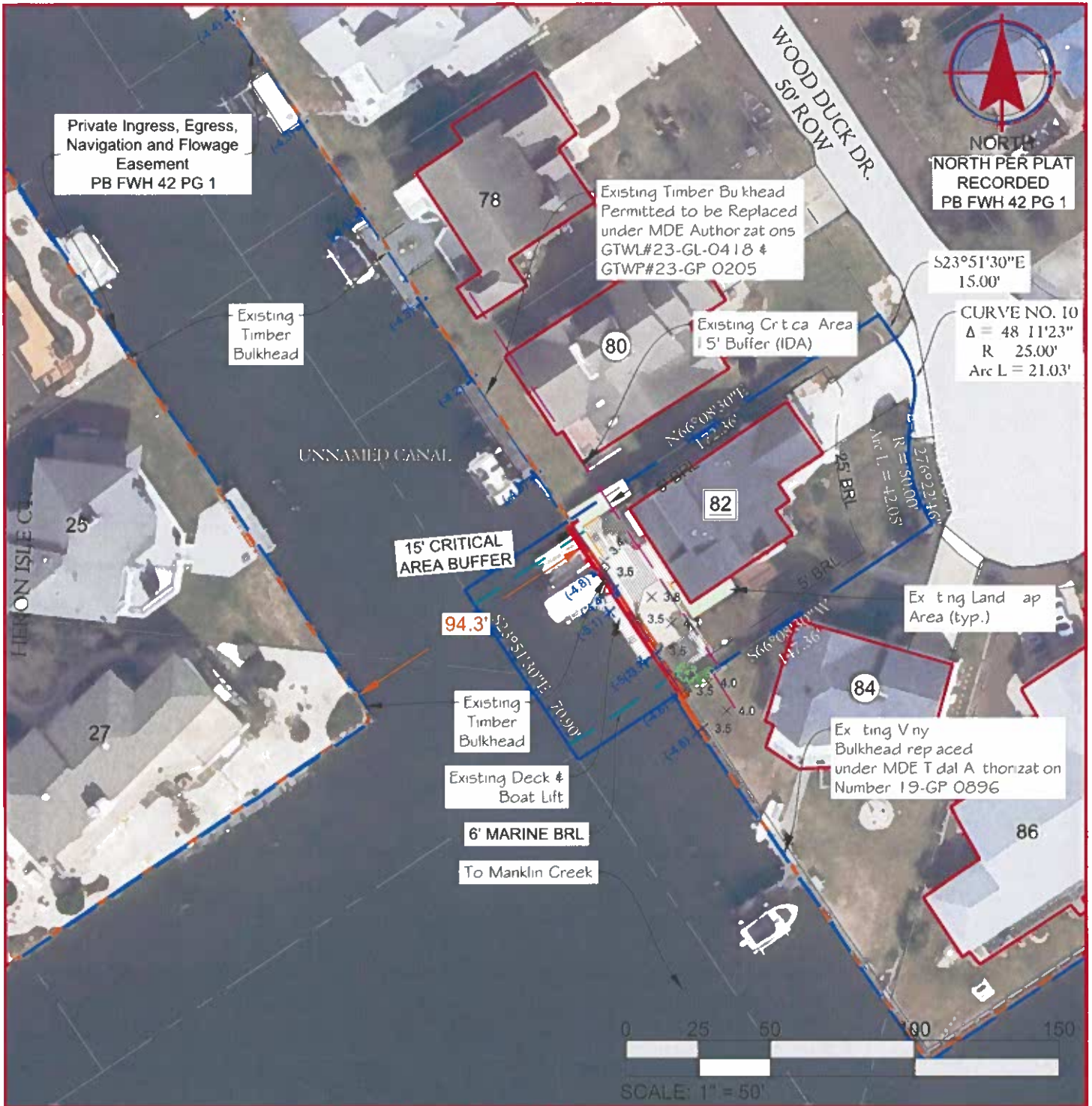
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	82 WOOD DUCK BULKHEAD REPLACEMENT	QUANTITY TABLE	 Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants 11634 Worcester Hwy, Shovel, MD 21862 ph. 410-352-3874 email vista@vistadesigninc.com	PROJECT DATA
				Project: 18-014
				File: CE 080923.dwg
				Date: 8/18/2023
				Scale: 1" = 2000'
	Sheet: 2 of 10			



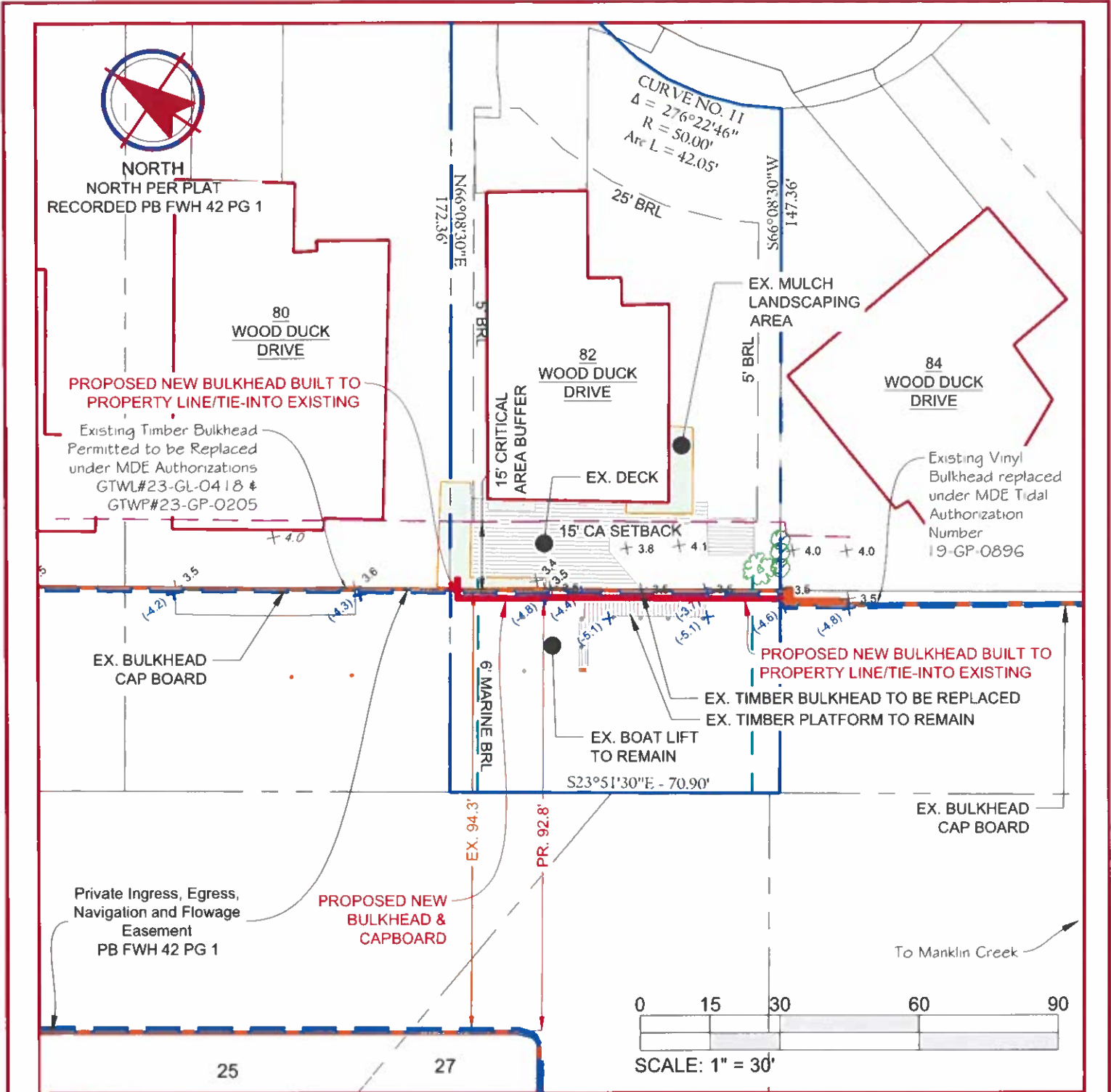
LEGEND

AFFECTED PROPERTY ADDRESS	82	NOTE: THE MEAN HIGH WATER LEVEL (MHWL) IS +/- 1.0'.
ADJACENT PROPERTY ADDRESS	80	
BULKHEAD ELEVATION POINTS	X 3.9	
SOUNDINGS ELEVATION POINTS	X (-4.1)	
EXISTING PROPERTY LINE		
EXISTING BULKHEAD		EXISTING PROPERTY BRL
MEAN HIGH WATER LEVEL		EXISTING CRITICAL AREA BUFFER
PROPOSED NEW BULKHEAD		EXISTING MARINE BRL

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	<p>82 WOOD DUCK OCEAN PINES BULKHEAD</p>	<p>EXISTING CONDITIONS PLAN</p>	<p>VISTA DESIGN, INC.</p> <p>Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants 11634 Watercrest Hwy, Showell, MD 21862 ph. 410-352-3874 email vista@vistadesigninc.com</p>	<p>PROJECT DATA</p> <p>Project: 18-014 File: CE 080923.dwg Date: 8/18/2023 Scale: 1" = 150' Sheet: 3 of 10</p>
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LEGEND

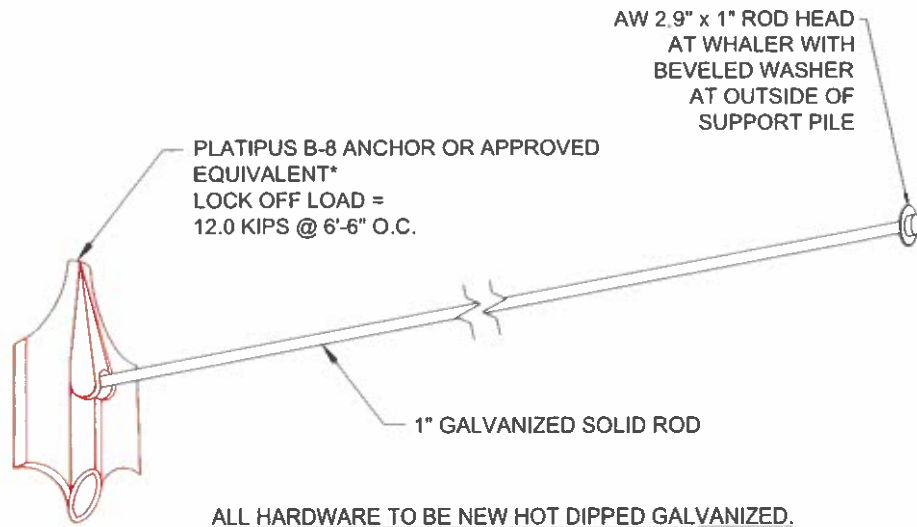
- AFFECTED PROPERTY ADDRESS 82
- ADJACENT PROPERTY ADDRESS 80
- BULKHEAD ELEVATION POINTS X3.9
- SOUNDINGS ELEVATION POINTS X(-4.1)
- EXISTING PROPERTY LINE
- EXISTING BULKHEAD
- MEAN HIGH WATER LEVEL
- PROPOSED NEW BULKHEAD

NOTE:
THE MEAN HIGH WATER LEVEL (MHWL)
IS +/- 1.0'.

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	<p>82 WOOD DUCK OCEAN PINES BULKHEAD</p>	<p>PROPOSED SITE PLAN</p>	<p>VISTA DESIGN, INC.</p> <p style="font-size: small;">Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants 11654 Watercrest Hwy, Shovel, MD 21862 ph. 410-352-3874 email vista@vistadesigninc.com</p>	<p>PROJECT DATA</p> <p>Project: 18-014 File: CE 080923.dwg Date: 8/18/2023 Scale: 1" = 30' Sheet: 4 of 10</p>
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ANCHOR TYPE	T-LOC VERSION	DIMENSIONS L x W x H (mm)	PROJECTED SURFACE AREA SQUARE MM (SQ. INCH)	MATERIALS	TYPICAL LOAD RANGE	MINIMUM DRIVEN DEPTH			
							Wire	Rod	Chain
B4		310 x 110 x 93 (12.2 x 4.3 x 3.6)	28,736 (44.54)	SG Cast Iron; Aluminum Bronze	10 - 30+ kN (2000 - 6000lbs)	2m	✓	✓	✓
B6		336 x 206 x 91 (13.22 x 8.11 x 3.58)	45,500 (70.52)	SG Cast Iron; Aluminum Bronze	15 - 50+ kN (3500 - 11000lbs)	2m	✓	✓	✓
B8		423 x 259 x 105 (16.65 x 10.19 x 4.13)	71,500 (110.82)	SG Cast Iron; Aluminum Bronze	25 - 75+ kN (5500 - 16500lbs)	3m	✓	✓	✓
B10		541 x 335 x 110 (21.29 x 13.18 x 4.33)	115,800 (179.49)	SG Cast Iron; Aluminum Bronze	40 - 100+ kN (9000 - 22000lbs)	4m	✓	✓	✓

*PLATIPUS B-8 ANCHOR OR APPROVED EQUIVALENT.
ANY SUBSTITUTIONS TO BE APPROVED BY OCEAN PINES ASSOCIATION AND PROJECT ENGINEER.

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PLATIPUS
ANCHOR
OCEAN PINES
BULKHEAD

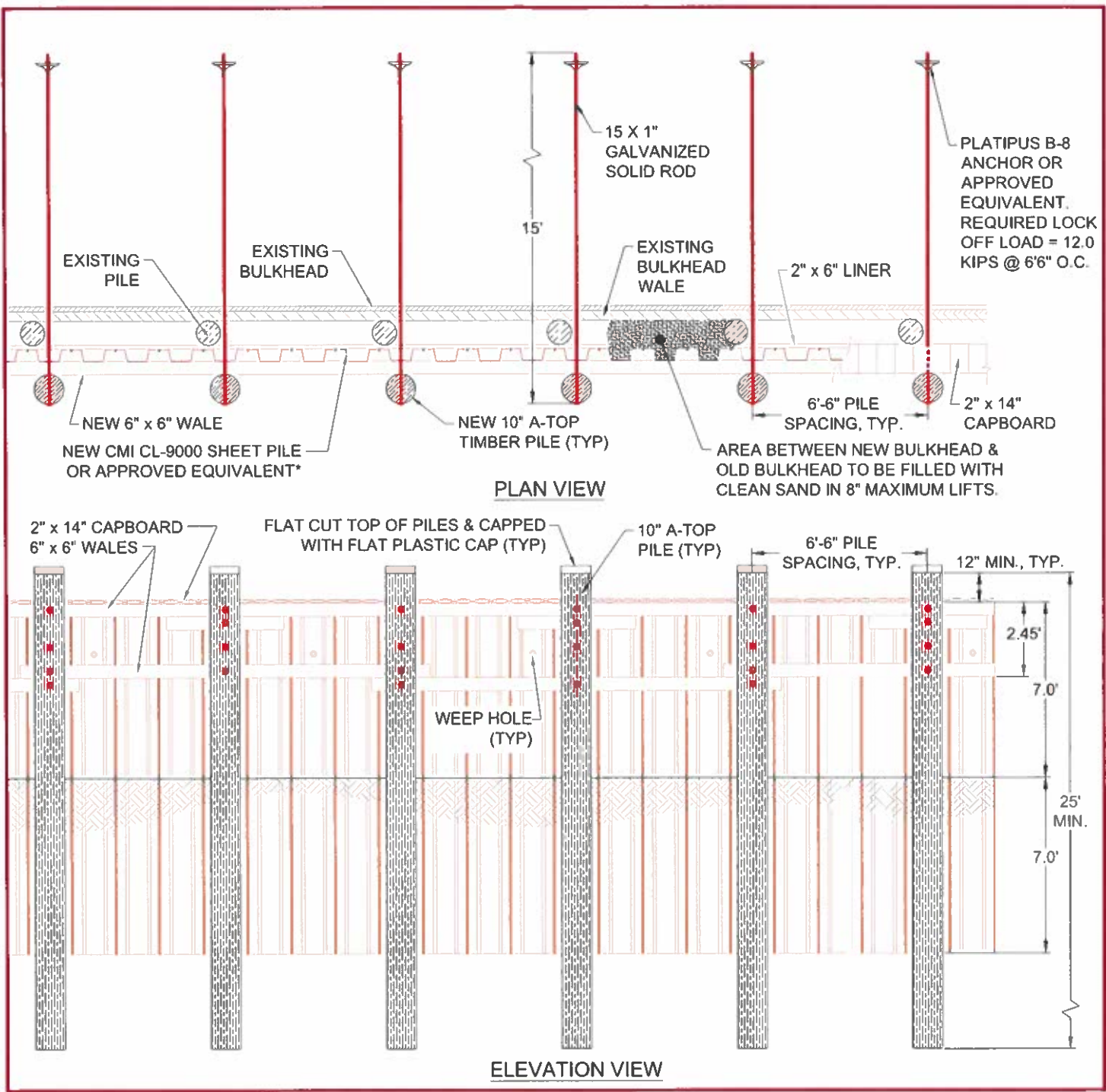
TYPICAL DETAIL
PLATIPUS B-8
ANCHOR

VISTA
DESIGN, INC.

Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants
11634 Worcester Hwy, Shovel, MD 21862
ph. 410-352-3874 email vista@vistadesigninc.com

PROJECT DATA

Project: 17-111
File: CE 080923.dwg
Date: 8/18/2023
Scale: N.T.S.
Sheet: 6 of 10



SCALE: 1" = 5'

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*SHEETING TO BE CMI CL-9000 SHEET PILE OR APPROVED EQUIVALENT. PLATIPUS B-8 ANCHOR OR APPROVED EQUIVALENT. ANY SUBSTITUTIONS TO BE APPROVED BY OCEAN PINES ASSOCIATION AND PROJECT ENGINEER.

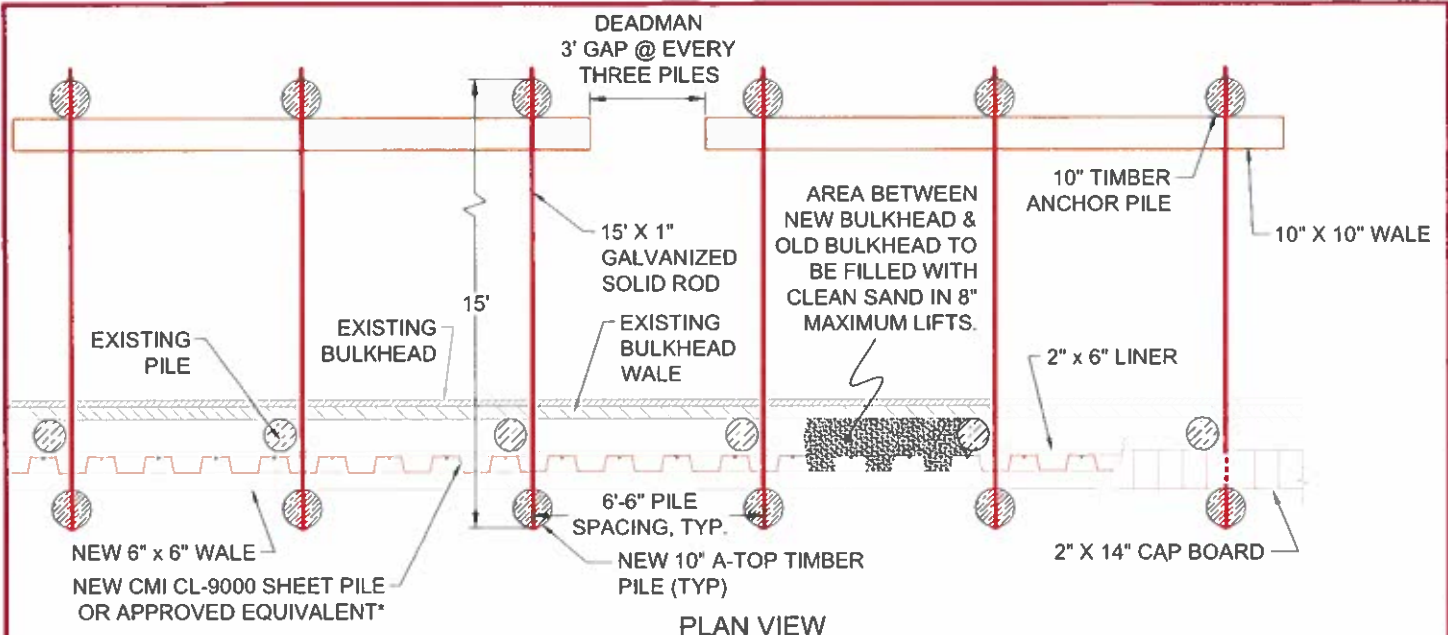


PLATIPUS
ANCHOR
OCEAN PINES
BULKHEAD

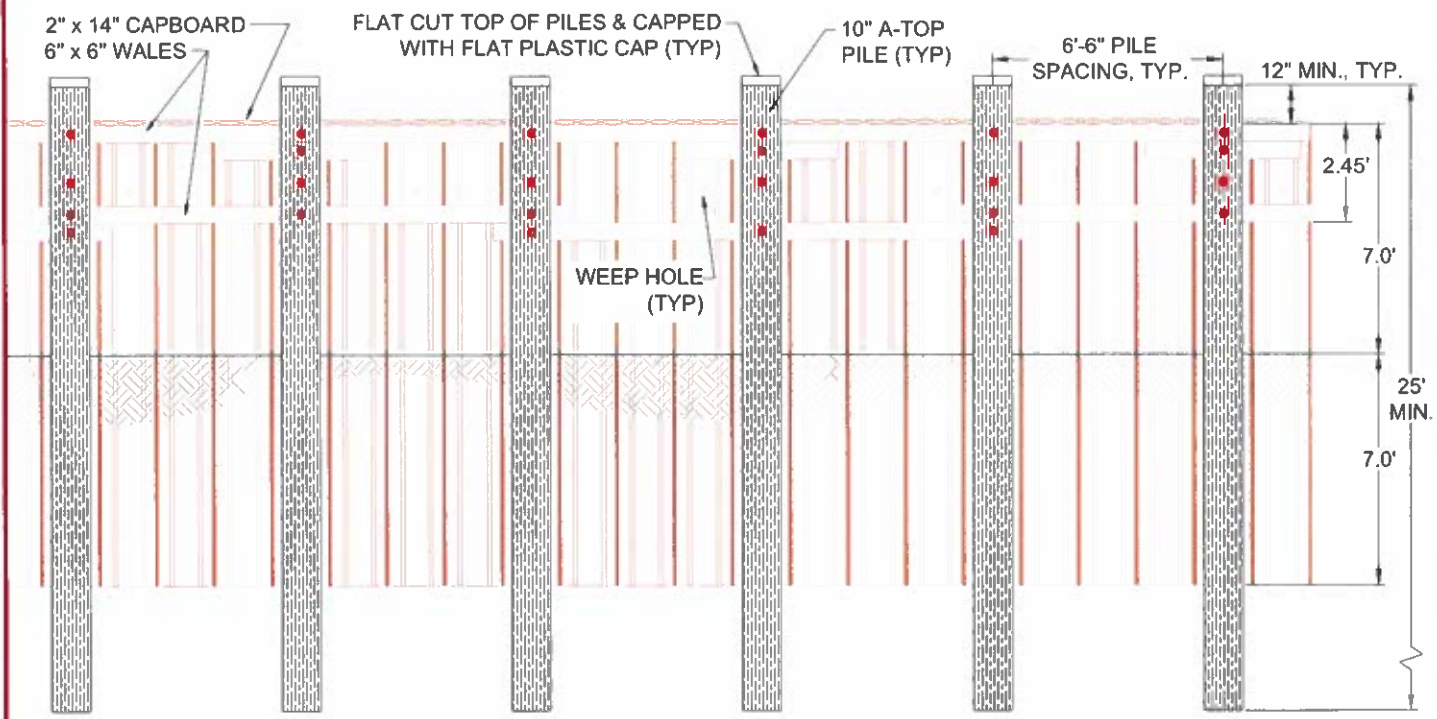
TYPICAL SECTION
THRU NEW/
OLD BULKHEAD

VISTA
DESIGN, INC.
Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants
11634 Worcester Hwy, Shovel, MD 21862
ph. 410-352-3874 email vista@vistadesigninc.com

PROJECT DATA	
Project:	18-014
File:	CE 080923.dwg
Date:	8/18/2023
Scale:	1" = 5'
Sheet:	7 of 10



PLAN VIEW



ELEVATION VIEW



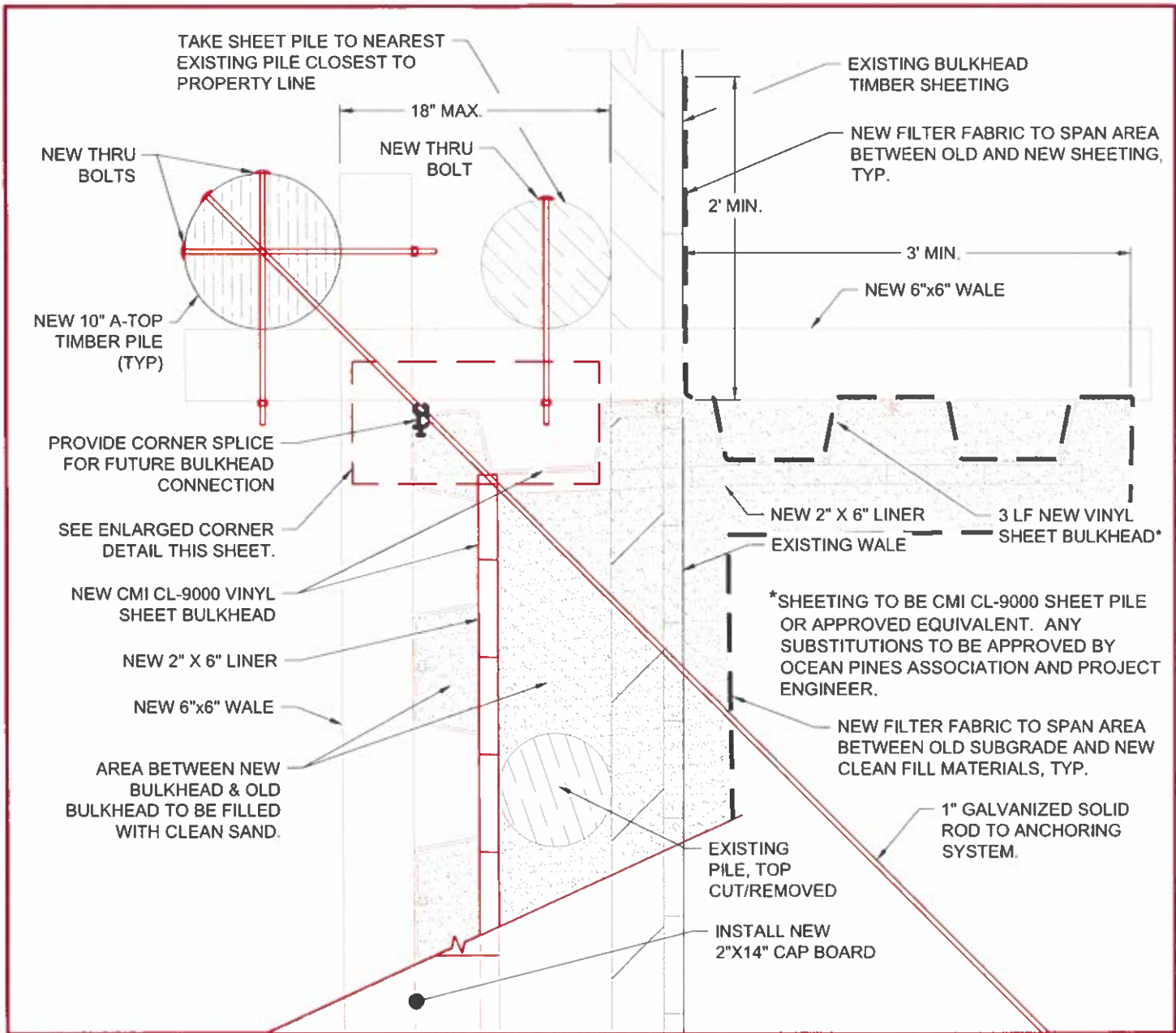
SCALE: 1" = 5'

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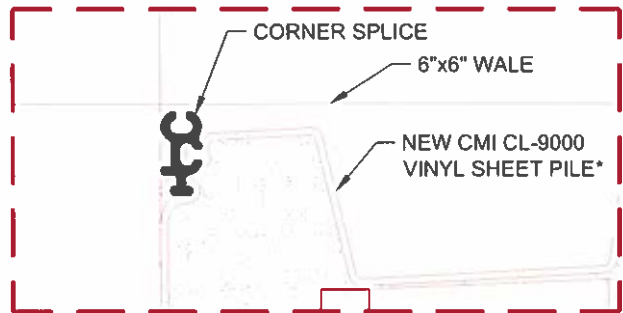
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*SHEETING TO BE CMI CL-9000 SHEET PILE OR APPROVED EQUIVALENT. ANY SUBSTITUTIONS TO BE APPROVED BY OCEAN PINES ASSOCIATION AND PROJECT ENGINEER.

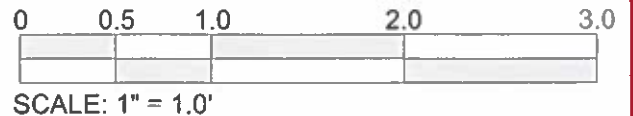
	<p>PILE DEADMAN ANCHOR OCEAN PINES BULKHEAD</p>	<p>TYPICAL SECTION THRU NEW/ OLD BULKHEAD</p>	<p>VISTA DESIGN, INC. Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants 11634 Worcester Hwy, Shovel, MD 21862 ph. 410-352-3874 email vista@vistadesigninc.com</p>	<p>PROJECT DATA Project: 18-014 File: CE 080923.dwg Date: 8/18/2023 Scale: 1" = 5' Sheet: 9 of 10</p>
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PLAN VIEW CORNER DETAIL
SCALE: 1" = 1'

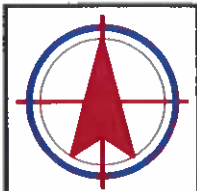


ENLARGED CORNER DETAIL
SCALE: 1" = 2'



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**CORNER
DETAIL
OCEAN PINES
BULKHEAD**

**VINYL BULKHEAD
TO EXISTING
BULKHEAD DETAIL**

**VISTA
DESIGN, INC.**

Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants
11644 Worcester Hwy, Shovel, MD 21862
ph. 410-352-3874 email vista@vistadesigninc.com

PROJECT DATA

Project: 18-014
File: CE 080923.dwg
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Scale: 1" = 1'
Sheet: **10 of 10**













