



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

March 17, 2025

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

Smith & West Living Trust- Request No. 2025-016 – Request to replace 60 linear feet of existing failing bulkhead with new vinyl sheet pile bulkhead and new piles spaced maximum 6.6’ o.c. Max channelward distance 18’. This project is located at 32 Boatswain Drive, Berlin, also known as Tax Map 16, Parcel 15, Lot 32. 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 April 1, 2025.

Sincerely,

Brandy Whitlock
Environmental Inspector

cc: Interested Parties
Joy S. Birch
File



WORCESTER COUNTY
SHORELINE CONSTRUCTION
APPLICATION

Request No.: 2025-016
Submission Date: 3-17-25

 Major Construction (\$300.00)

 X Minor Construction (\$150.00)

Written Description of Proposed Improvement (include channelward distance):

To replace 60 linear feet of existing failing aluminum bulkhead at 32 Boatswain 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: 16 Parcel: 15 Lot: 32 Section: 19 Block: Tax District: 03
Street Address: 32 Boatswain Drive, Ocean Pines, MD 21811
Subdivision: Ocean Pines - Harbor Village Section 19
Dwelling on lot: Yes Dwelling under construction: No Vacant: Commercial:

Owner: Smith and West Living Trust Phone No. 443-880-3755
Mailing Address: 32 Boatswain Drive, Ocean Pines, MD 21811
E-Mail Address: twest@prosyn.com

Contractor: Fisher Marine Construction 079(E) Phone No.: 757-336-5419
Mailing Address: 7203 Fisher Drive, Chincoteague, VA 23336
E-Mail Address: fishermarine@yahoo.com

Recorded Adjacent Property Owner: Eric & Rochelle Liddell
Property Address: 31 Boatswain Drive, Ocean Pines, MD 21811 - to Box 2688 Cheyenne w/ 82003
Tax Map: 16 Parcel: 15 Lot: 31 Section: 19 Block:

Recorded Adjacent Property Owner: William & Rhonda Bavis
Property Address: 33 Boatswain Drive, Ocean Pines, MD 21811
Tax Map: 16 Parcel: 15 Lot: 33 Section: 19 Block:

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.

Jeresa A. West 2/13/25
Owner/Applicant's Signature Date

DEPT. USE ONLY:

Notification Distribution Date: 3-17-25 Public Comment Deadline: 4-1-25 (15 calendar days)
Department Approval Date: Expiration:



UNNAMED CANAL TO ST. MARTIN RIVER 38°23'26" N 75°08'10" W

SHEET INDEX

- 1 LOCATION MAP
- 2 PROJECT AREA & PROPERTY OWNER TABLES
- 3 EXISTING CONDITIONS PLAN
- 3A EXISTING CANAL CONDITIONS PLAN
- 4 PROPOSED SITE PLAN
- 5-7 SECTION & ELEVATION DETAILS

QUANTITY

TOTAL LENGTH = 60 LF TOTAL AREA = 90 SQ. FT.
TOTAL CLEAN SAND FILL = 24 CU. YD.

PERMIT REQUEST

TO REPLACE DETERIORATING ALUMINUM 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 BOAT LIFTS, POWER WATER CRAFT LIFTS, PLATFORMS, PIERS ETC. ARE NOT INCLUDED AS PART OF THIS PERMIT. THESE ARE PRIVATELY OWNED AND WILL REQUIRE SEPARATE PERMITS TO ALTER OR MOVE CHANNEL-WARD.

LEGEND

- AFFECTED PROPERTY ADDRESS 32
- ADJACENT PROPERTY ADDRESS 30
- BULKHEAD ELEVATION POINTS X3.9
- SOUNDINGS ELEVATION POINTS X(-4.1)
- EXISTING PROPERTY LINE ---
- EXISTING BULKHEAD ---
- MEAN HIGH WATER LEVEL ---
- PROPOSED NEW BULKHEAD ---

PROPERTY OWNER:

SMITH AND WEST LIVING TRUST
32 BOATSWAIN DRIVE
OCEAN PINES, MARYLAND 21811

SITE LOCATION:

BULKHEAD ALONG UNNAMED CANAL
32 BOATSWAIN DRIVE
OCEAN PINES, MARYLAND 21811
WORCESTER COUNTY



SCALE: 1" = 2000'

NOTE:

This drawing, specifications, and work produced by Vista Design, Inc. (VDI) for 32 Boatswain Drive (Project No. 24-102) are instruments of service for this project only, and remains the copyrighted property of VDI. Reuse or reproduction of any of the instruments of service of VDI by the Client or assignees without the written permission of VDI will be at the Client's risk and be a violation of the copyright laws of the United States of America and the respective state within which the work was completed.

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 appurtenant.



32 BOATSWAIN DR.
BULKHEAD
REPLACEMENT

LOCATION
MAP

VISTA
DESIGN, INC.

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

MDE GTWP#25-XX-XXXX
MDE GTWP#25-XX-XXXX
MDE AI#000000

PROJECT DATA

Project: 24-102
File: CE010824.dwg
Date: 3/10/2025
Scale: 1" = 2000'
Sheet: 1 of 7

BULKHEAD QUANTITIES**BULKHEAD REPLACEMENT****CLEAN SAND FILL****60 LF x 1.5W =****60 LF x 1.5W x 7'H =****90 SQ. FT.****630 CU. FT. / 24 CU.YD.****TOTAL LENGTH = 60 LF****TOTAL LAND AREA DISTURBED = 900 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)
32 BOATSWAIN DRIVE OCEAN PINES, MD 21811	32 BOATSWAIN DRIVE BERLIN, MD 21811	SMITH AND WEST LIVING TRUST TERESA A. WEST TRUSTEE	16	0	15	32	19	RHO 148-5	7267/205

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)
PO BOX 2688 CHEYENNE, WY 82003	31 BOATSWAIN DRIVE BERLIN, MD 21811	ERIC G. & ROCHELLE M. LIDDELL	16	0	15	31	19	RHO 148-5	6516/432
33 BOATSWAIN DRIVE OCEAN PINES, MD 21811	33 BOATSWAIN DRIVE BERLIN, MD 21811	WILLIAM J. & RHONDA A. BAVIS	16	0	15	33	19	RHO 148-5	6416/461

PROPERTY OWNER:

SMITH AND WEST LIVING TRUST
32 BOATSWAIN DRIVE
OCEAN PINES, MARYLAND 21811

PERMIT REQUEST

TO REPLACE DETERIORATING ALUMINUM 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.

SITE LOCATION:

BULKHEAD ALONG UNNAMED CANAL
32 BOATSWAIN DRIVE
OCEAN PINES, MARYLAND 21811
WORCESTER COUNTY

NOTES:

1. EXISTING BOAT LIFTS, POWER WATER CRAFT LIFTS, PLATFORMS, PIERS ETC. ARE NOT INCLUDED AS PART OF THIS PERMIT. THESE ARE PRIVATELY OWNED AND WILL REQUIRE SEPARATE PERMITS TO ALTER OR MOVE CHANNEL-WARD.
2. THERE ARE NO OBSERVED AQUATIC VEGETATIVE BEDS WITHIN PERMIT AREA.

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32 BOATSWAIN DR.
BULKHEAD
REPLACEMENT

QUANTITY
TABLE

VISTA
DESIGN, INC.

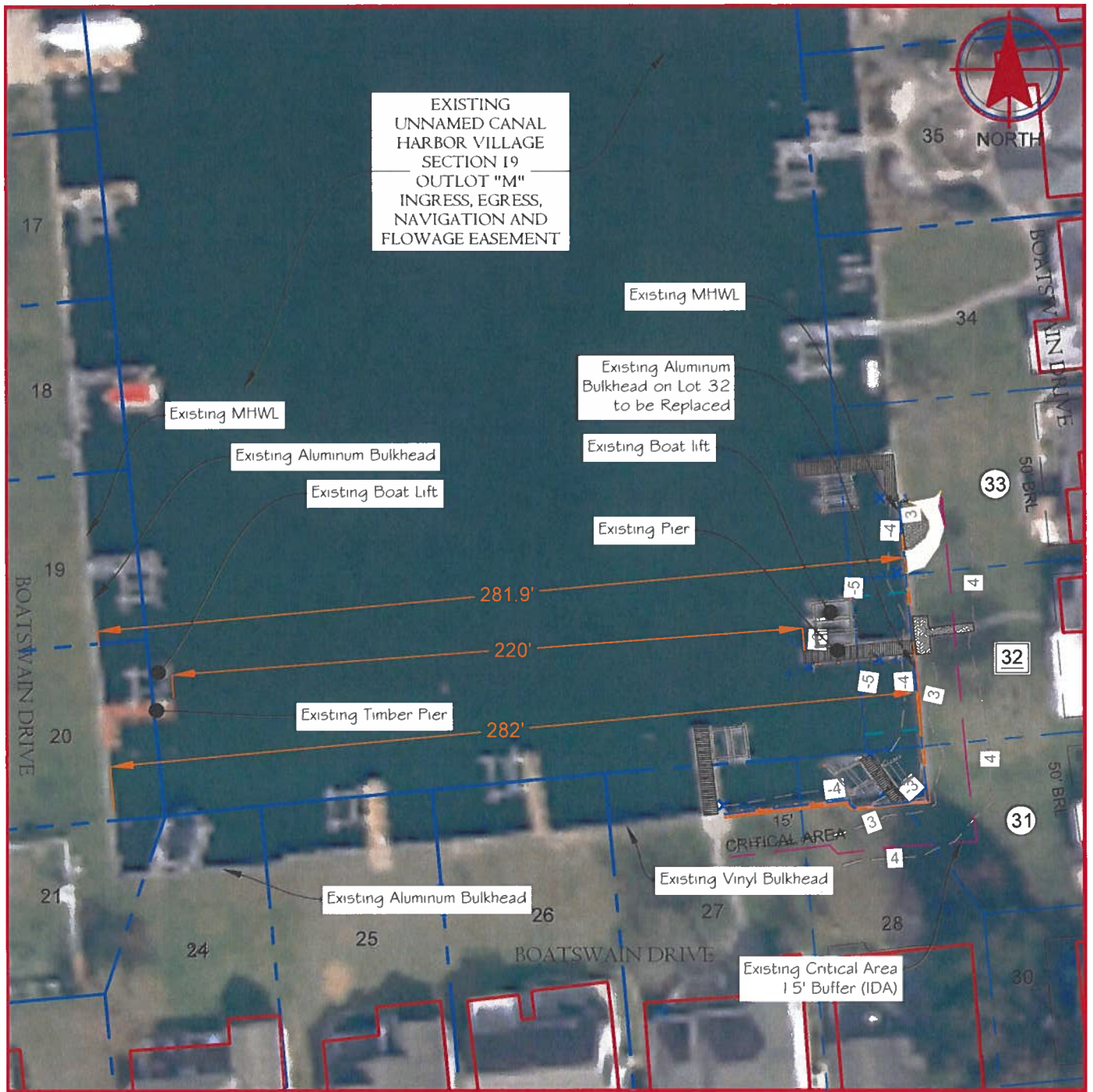
Engineers, Surveyors, Architects, Landscape Architects & Land Planning Consultants
11634 Worcester Hwy, Shovel, MD 21862
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PROJECT DATA

Project: 24-102
File: CE010824.dwg
Date: 1/17/2025
Scale: 1" = 2000'
Sheet: 2 of 7

Project:	24-102
File:	CE010824.dwg
Date:	1/17/2025
Scale:	1" = 20'
Sheet:	3 of 7



LEGEND

AFFECTED PROPERTY ADDRESS

32

ADJACENT PROPERTY ADDRESS

30

BULKHEAD ELEVATION POINTS

X 3.9

SOUNDINGS ELEVATION POINTS

X (-4.1)

EXISTING PROPERTY LINE

EXISTING BULKHEAD

MEAN HIGH WATER LEVEL

PROPOSED NEW BULKHEAD

EXISTING PROPERTY BRL

EXISTING CRITICAL AREA BUFFER

EXISTING MARINE BRL

NOTE:

THE MEAN HIGH WATER LEVEL (MHWL) IS +/- 1.9'.

0 25 50 100 150

SCALE: 1" = 50'

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32 BOATSWAIN DR.
OCEAN PINES
BULKHEAD

EX. CANAL
CONDITIONS
PLAN

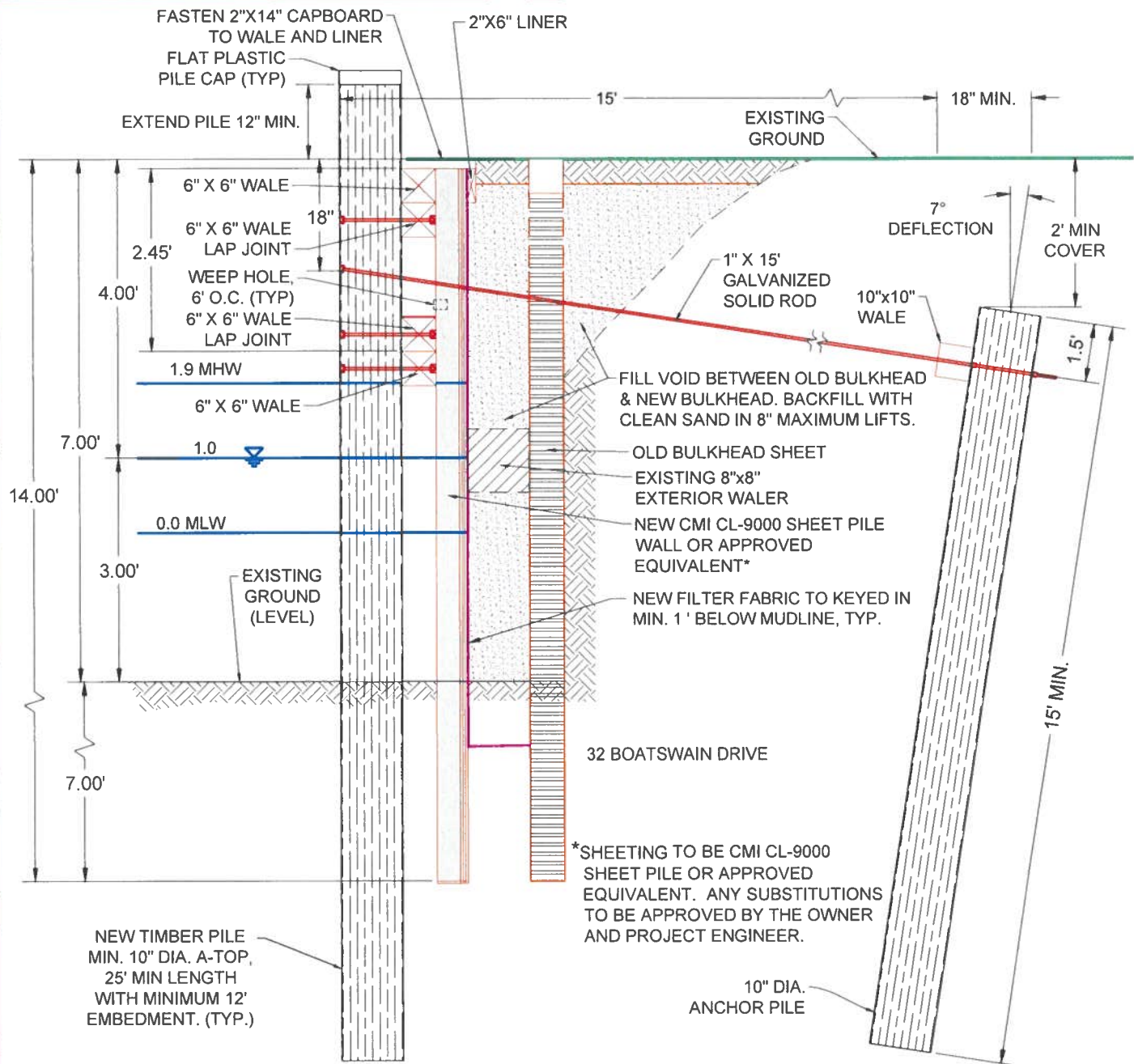
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Scale: 1" = 50'
Sheet: 3A of 7



NOTES:

1. ALL LEVEL BACKFILL TO BE GRANULAR/SANDY NON-COHESIVE SOIL.
2. LENGTHS OF ROD AND TYPES OF ANCHOR ARE MINIMUMS WHICH MAY BE ADJUSTED BASED UPON ACTUAL SOIL CONDITIONS TO ACHIEVE MINIMUM LOCK OFF LOAD.
3. ANCHORS ARE TO BE INSTALLED PER THE MANUFACTURER'S APPROVED SPECIFICATIONS AND INSTALLATION METHODS.
4. ALL FASTENERS AND BOLTS SHALL CONFORM TO ASTM A304, GRADE A.
5. ALL HARDWARE TO BE HOT DIPPED GALVANIZED ALLOY STEEL CONFORMING TO ASTM A193 GRADE B7.
6. 10" DIAMETER 'A' TOP TIMBER PILES TO BE DRIVEN MIN. 12 FEET BELOW FINISHED GRADE. 2.5 CCA MARINE GRADE TREATED.

32 BOATSWAIN - TYPICAL CROSS-SECTION



SCALE: 1" = 2'

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PILE DEADMAN
ANCHOR
32 BOATSWAIN DR.
BULKHEAD

TYPICAL SECTION
THRU NEW/
OLD BULKHEAD

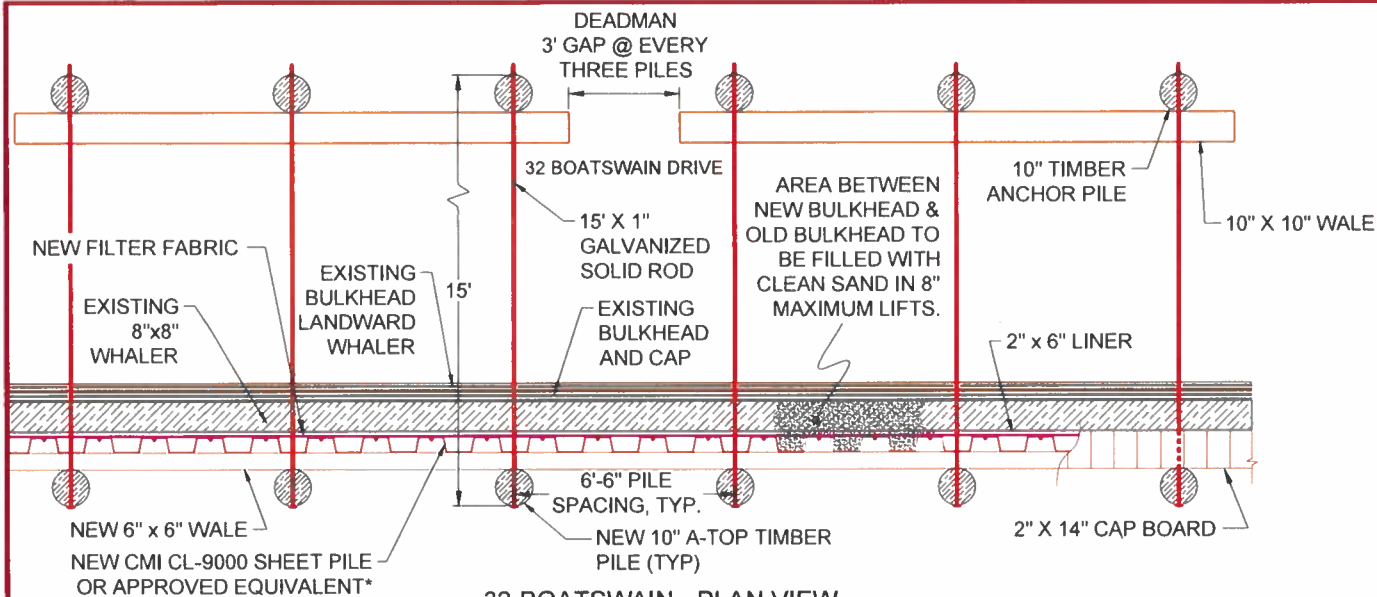
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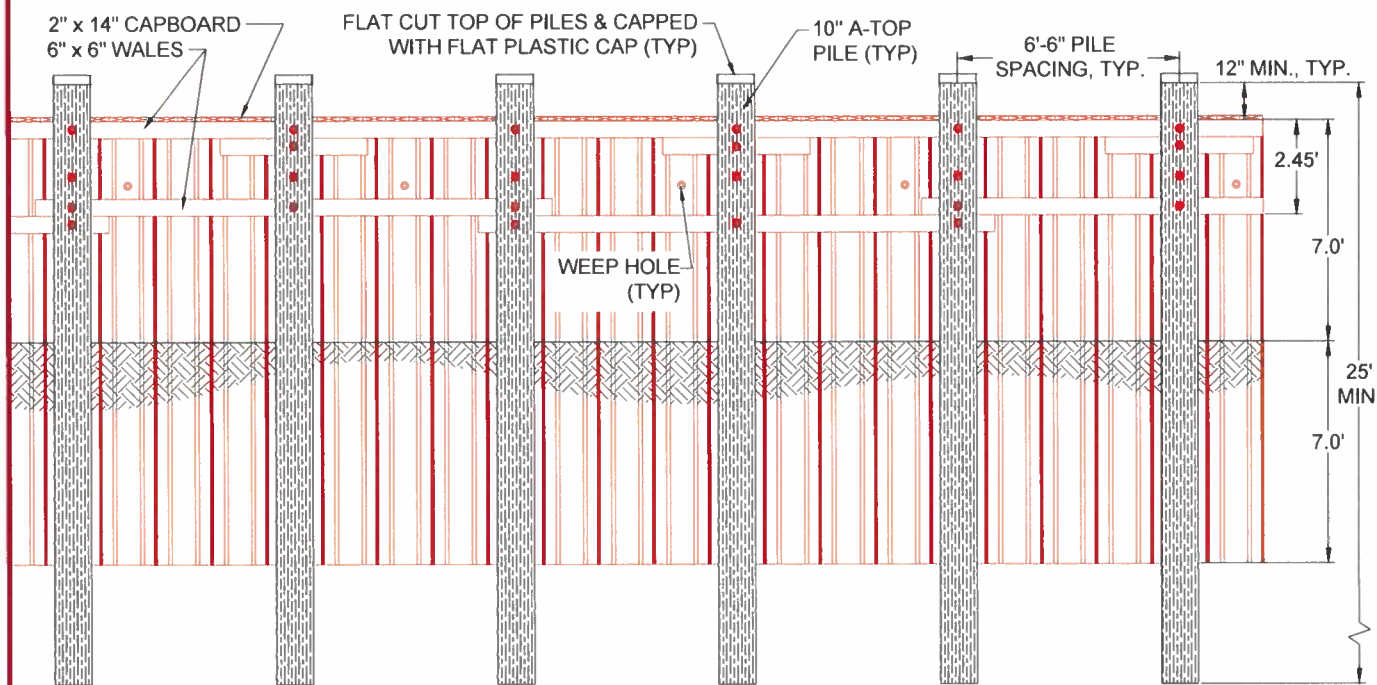
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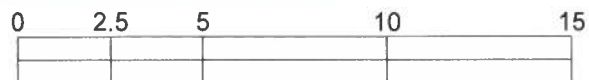
Project: 24-102
File: CE010824.dwg
Date: 1/17/2025
Scale: 1" = 2'
Sheet: 5 of 7



32 BOATSWAIN - PLAN VIEW



32 BOATSWAIN - ELEVATION VIEW



SCALE: 1" = 5'

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

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PILE DEADMAN
ANCHOR
32 BOATSWAIN DR.
BULKHEAD

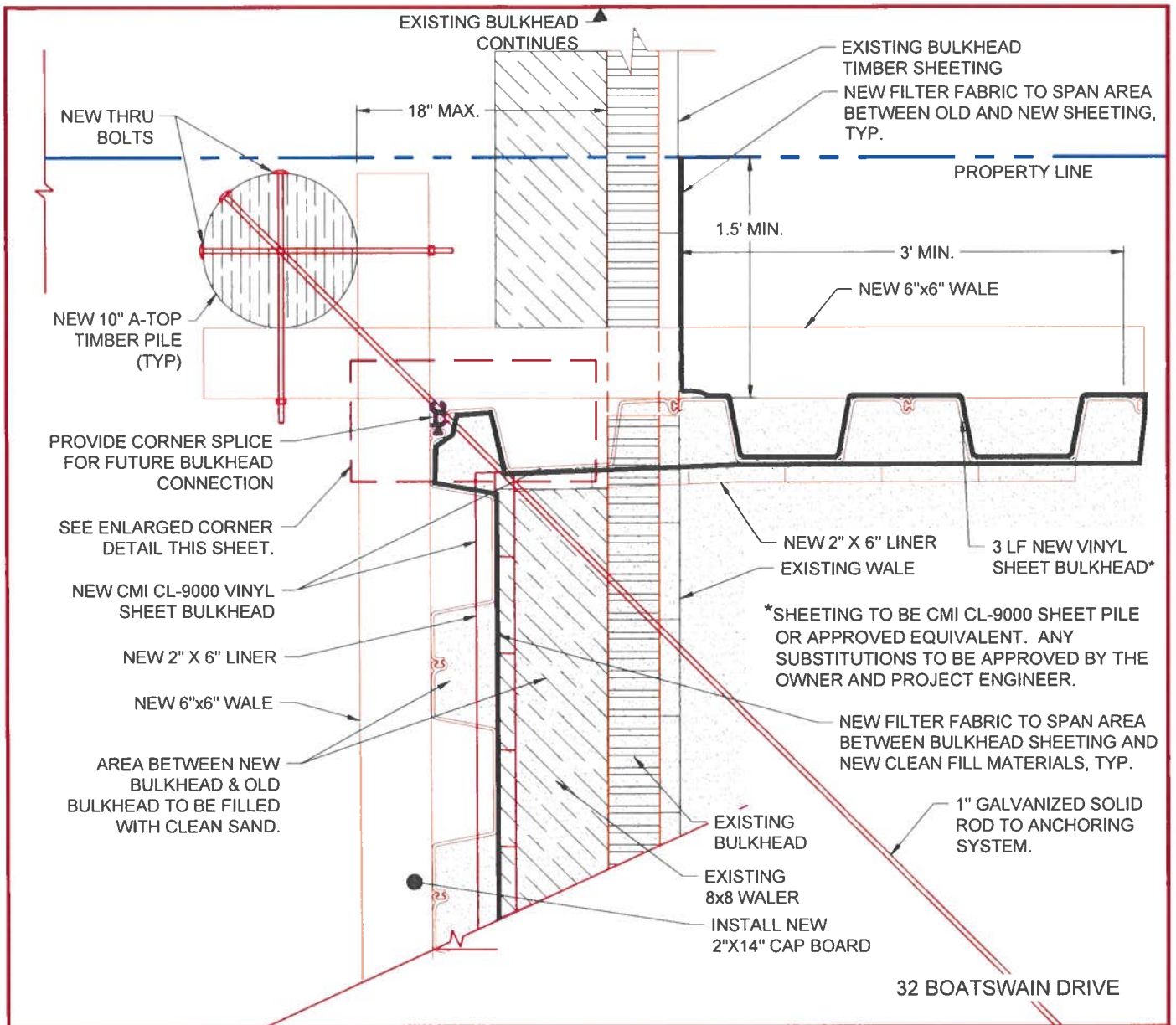
TYPICAL SECTION
THRU NEW/
OLD BULKHEAD

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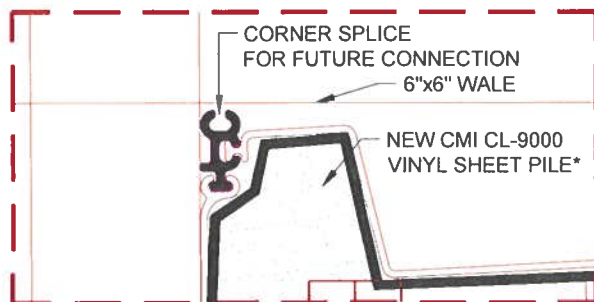
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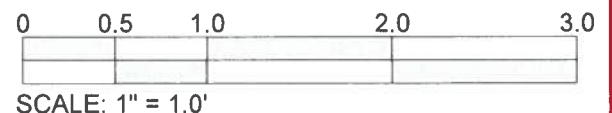
Project: 24-102
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Scale: 1" = 5'
Sheet: 6 of 7



PLAN VIEW IN-LINE TIE-IN DETAIL
SCALE: 1" = 1'



ENLARGED CORNER DETAIL
SCALE: 1" = 0.5'



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IN-LINE TIE-IN
DETAIL
32 BOATSWAIN DR.
BULKHEAD

VINYL BULKHEAD
TO EXISTING
BULKHEAD DETAIL

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PROJECT DATA
Project: 24-102
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Date: 1/17/2025
Scale: 1" = 1'
Sheet: 7 of 7

32 Boatswain Drive
Application for Bulkhead Replacement
in Harbor Village Subdivision, Ocean Pines

Site Photo Appendix



March 10, 2025

Prepared by:

Vista Design Inc.

11634 Worcester Highway • Showell, Maryland 21862

Phone: 410-352-3874 www.Vistadesigninc.com

32 Boatswain Drive Bulkhead Replacement Project – Site Photos
March 10, 2025
Page 2 of 4
Site Photos



Site Photos



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