

VICINITY MAP

SCALE 1" = 3000'

PERMIT
FOR PROPOSED REPLACEMENT DOCKS
IN THE CHESTER RIVER
FOR
CHESTER RIVER YACHT AND COUNTRY CLUB
SEVENTH ELECTION DISTRICT, KENT COUNTY, MARYLAND
PREPARED FOR : CHESTER RIVER YACHT AND COUNTRY CLUB
DATE : APRIL 9, 2024

SHEET 1 OF 9

**DAVIS, MOORE, SHEARON
& ASSOCIATES, LLC**

ENGINEERING, DRAFTING/DESIGN,
ENVIRONMENTAL SERVICES & SURVEYING

P.O. BOX 80
CENTREVILLE, MARYLAND 21617
PHONE : 1-443-262-9130
FAX : 1-443-262-9148

PROPOSED MARINA IMPROVEMENTS

DEMOLITION:

1. PIER "A" REMOVE THE FOLLOWING: 19 SLIPS; 8'x210' PIER; 10 FINGER PIERS, 3'x15'; 97 MOORING PILINGS AND A "T" HEAD, 15'x63'
2. PIER "B" REMOVE THE FOLLOWING: 16 SLIPS; 8'x200' PIER; 8 FINGER PIERS, 3'x15'; 96 MOORING PILINGS AND A "T" HEAD, 10'x87'

PROPOSED WORK:

1. PIER "A" INSTALL A FLOATING DOCK 8'x224' WITH 30 SLIPS, A 4'x25' LONG GANGWAY. INSTALL AN 8'x90' FLOATING "T" HEAD. INSTALL 2 4'x20' FINGER PIERS; 12 4'x30' FINGER PIERS AND 49 MOORING PILES.
2. PIER "B" INSTALL A FLOATING DOCK 8'x210' WITH 28 SLIPS, A 4'x25' LONG GANGWAY. INSTALL AN 8'x90' FLOATING "T" HEAD. INSTALL 1 4'x20' FINGER PIER; 12 4'x30' FINGER PIERS AND 49 MOORING PILES. INSTALL A 10'x28' FLOATING DINGHY PLATFORM.
3. MAXIMUM CHANNELWARD ENCROACHMENT IS 244'.

NOTE:

1. ALL SLIPS WILL MEET NFPA FIRE CODE.
2. A PUMP OUT STATION AND FUEL ARE AVAILABLE AT THE PORT OF CHESTERTOWN MARINA (UPSTREAM 1.3 MILES). FUEL IS AVAILABLE AT ROLPH'S WHARF MARINA (DOWNSTREAM 2.1 MILES)

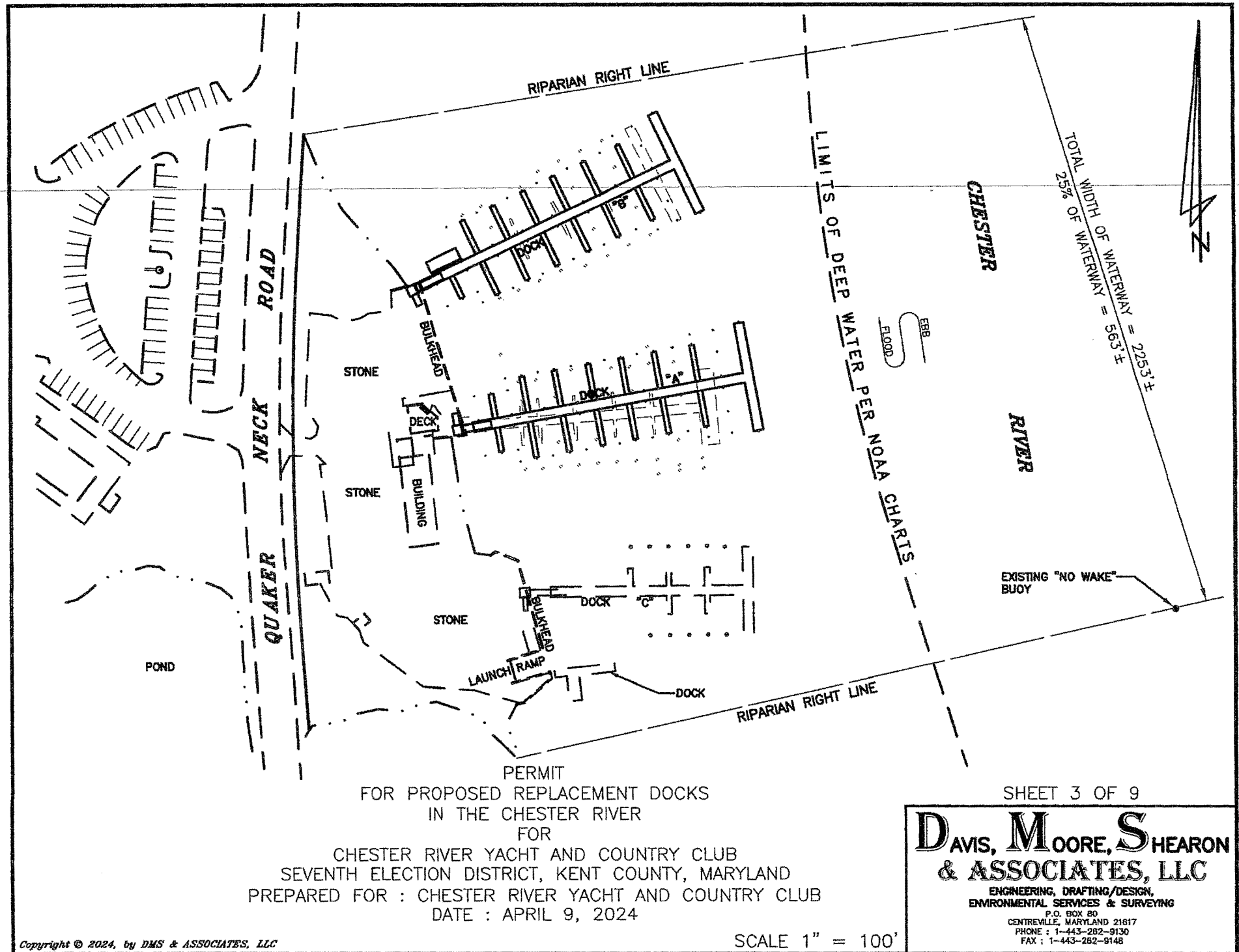
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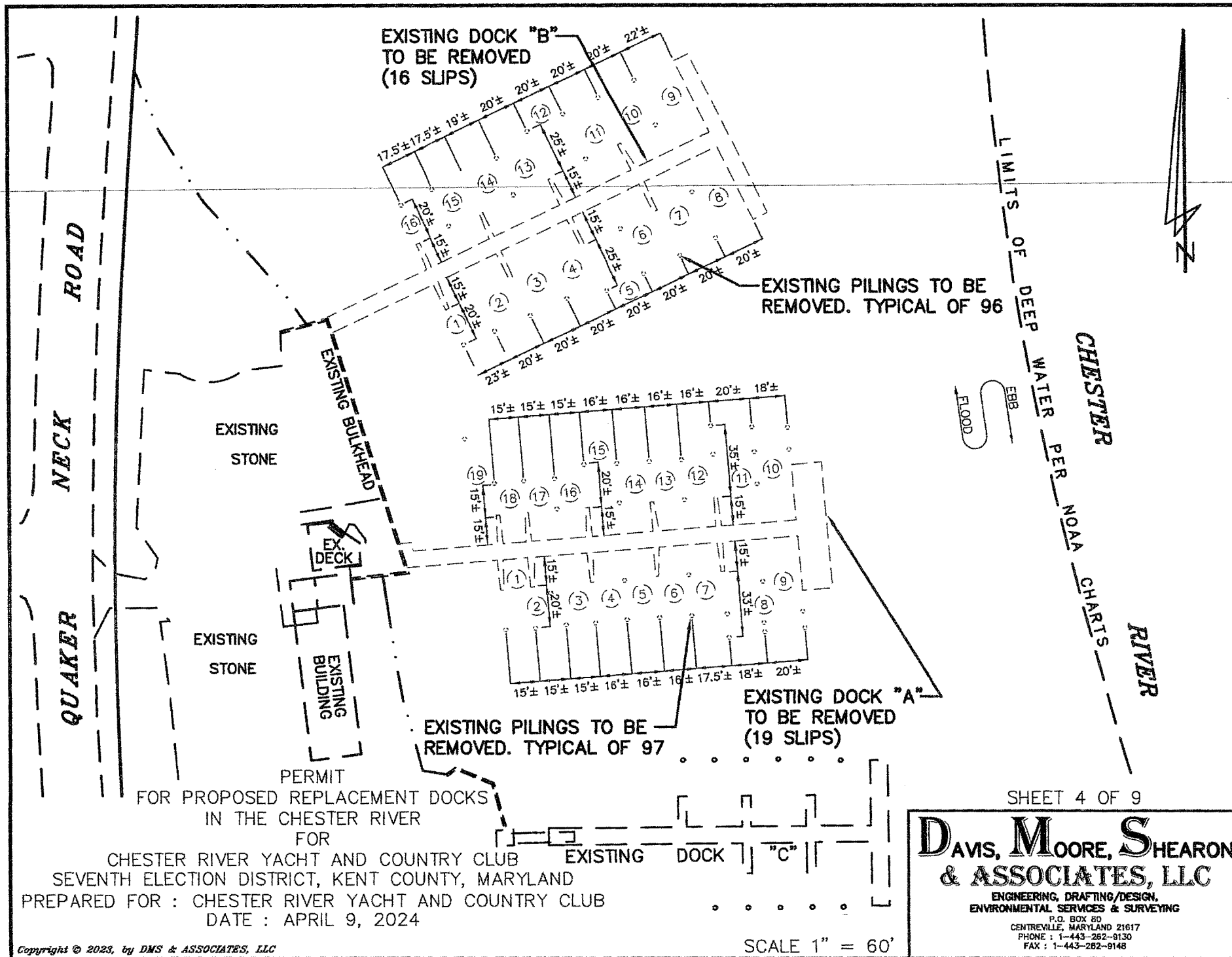
SHEET 2 OF 9

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EXISTING DOCK "B"
TO BE REMOVED
(16 SLIPS)

EXISTING PILINGS TO BE
REMOVED. TYPICAL OF 96

EXISTING PILINGS TO BE
REMOVED. TYPICAL OF 97

EXISTING DOCK "A"
TO BE REMOVED
(19 SLIPS)

EXISTING DOCK "C"

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SHEET 4 OF 9

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NOTE:

1. THE PROPOSED END OF THE PIER IS LOCATED APPROXIMATELY 244'± CHANNELWARD OF THE MEAN HIGH WATER LINE.
2. SEE FLOATING DOCK DETAIL ON SHEET 6 OF 9
3. SEE 25' GANGWAY DETAIL ON SHEET 9 OF 9

PROPOSED 25' GANGWAY TO FLOATING DOCK.

ROAD

PROPOSED 8'x8' PLATFORM

PROPOSED 5'x10' RAMP
EXISTING
STONE

PROPOSED 5'x10' RAMP
PROPOSED 8'x8' PLATFORM
EX. DECK

EXISTING
STONE

EXISTING BULKHEAD

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PROPOSED FLOATING
DINGHY PLATFORM
(10'x28')

PROVIDE STEEL PILES AT
END OF T-HEADS. TYPICAL
PROPOSED 8' WIDE
FLOATING DOCK "B"

PROPOSED TIE
PILING. TYPICAL
OF 100.

PROPOSED 8' WIDE
FLOATING DOCK "A"

PROVIDE STEEL PILES AT
END OF T-HEADS. TYPICAL

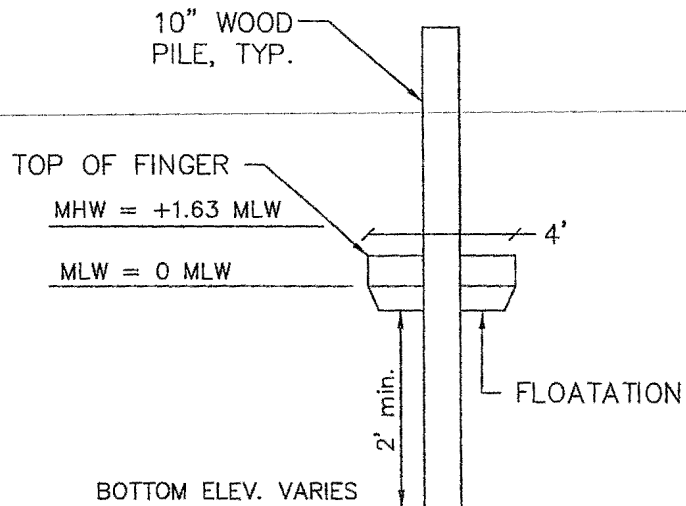
SHEET 5 OF 9

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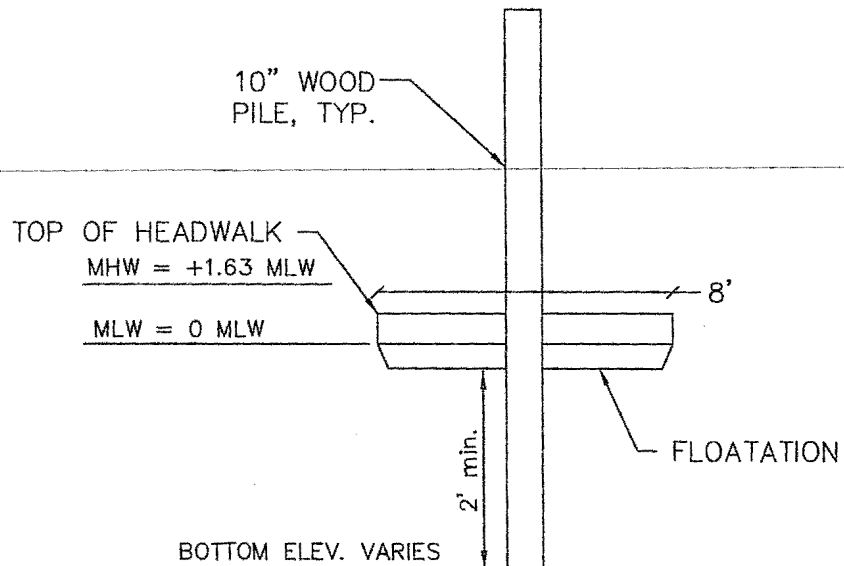
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SCALE 1" = 60'



TYPICAL FINGER DOCK



TYPICAL FLOATING HEAD DOCK

ELEVATION REFERENCE:

MLW = 0 MLW

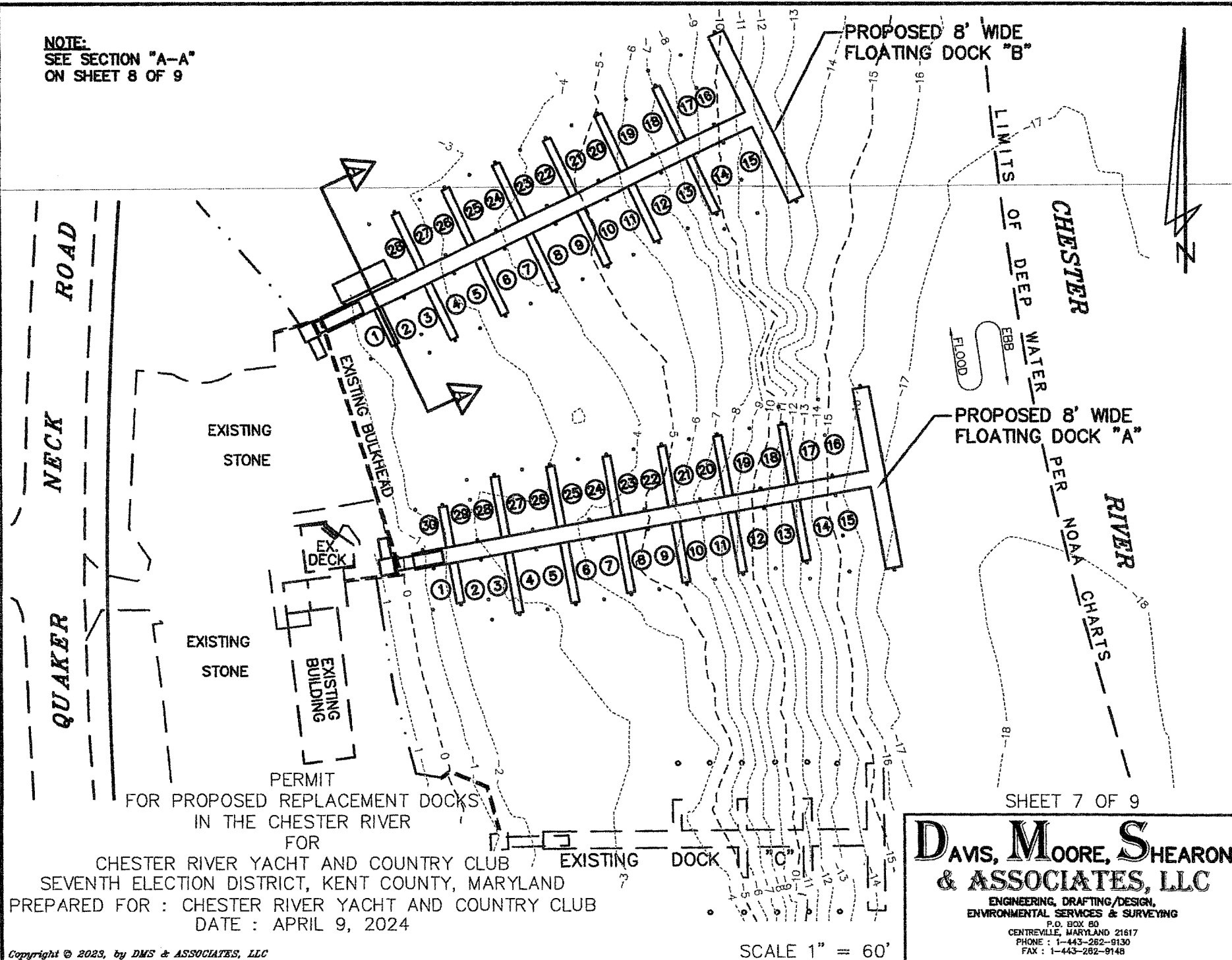
MHW = 1.63' MLW

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SHEET 6 OF 9

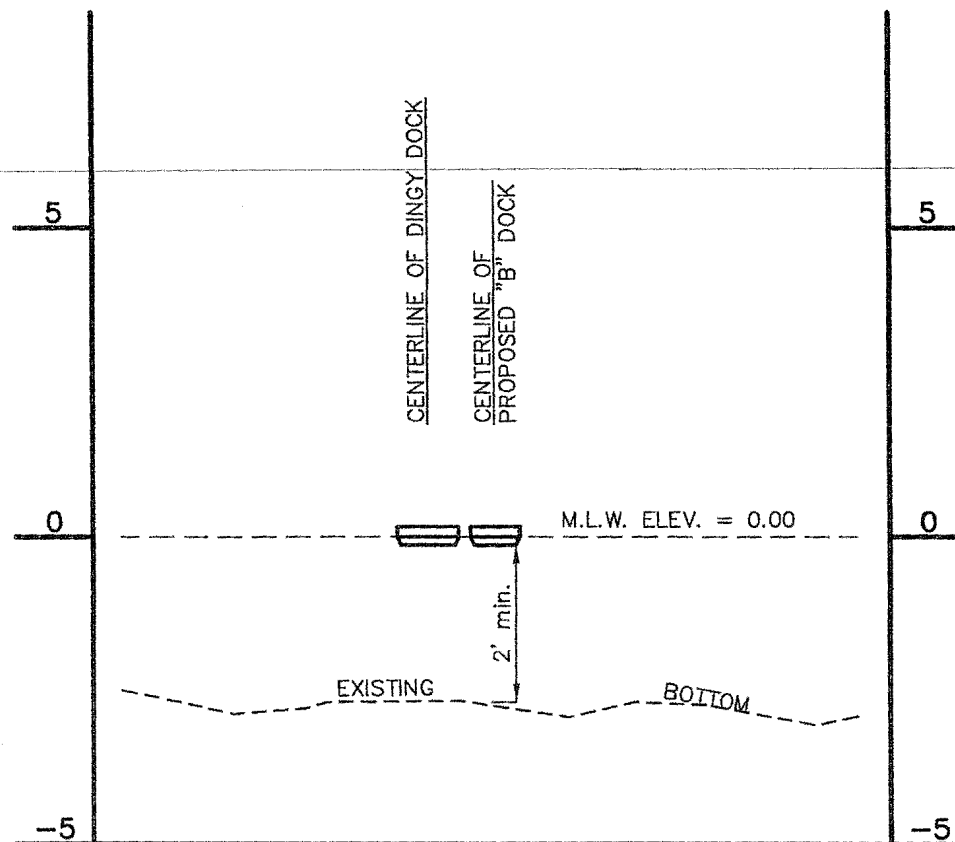
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NOTE:
SEE SECTION "A-A"
ON SHEET 8 OF 9



SHEET 7 OF 9

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SECTION "A-A"

SCALE 1" = 30' HORIZONTAL
1" = 3' VERTICAL

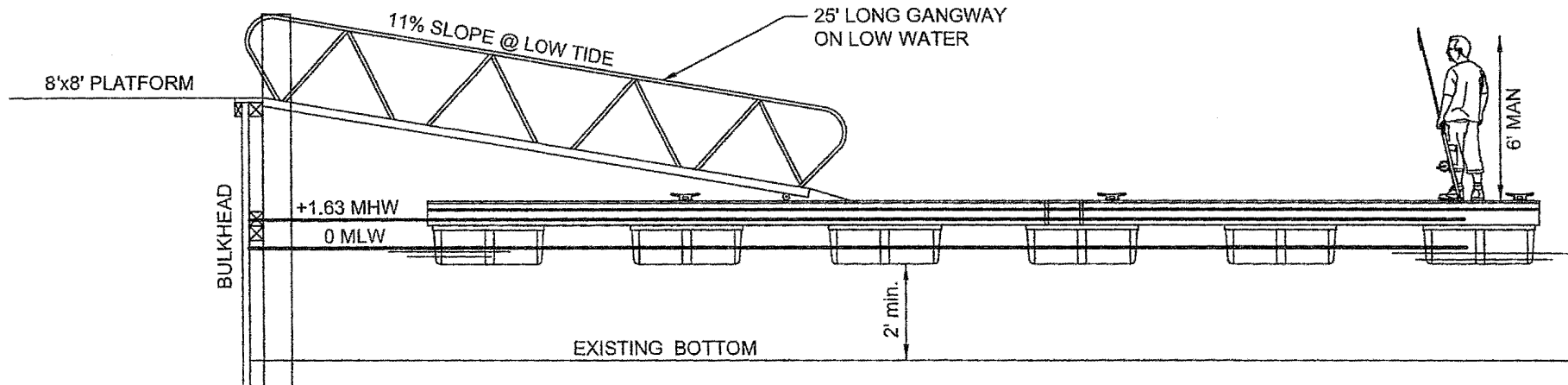
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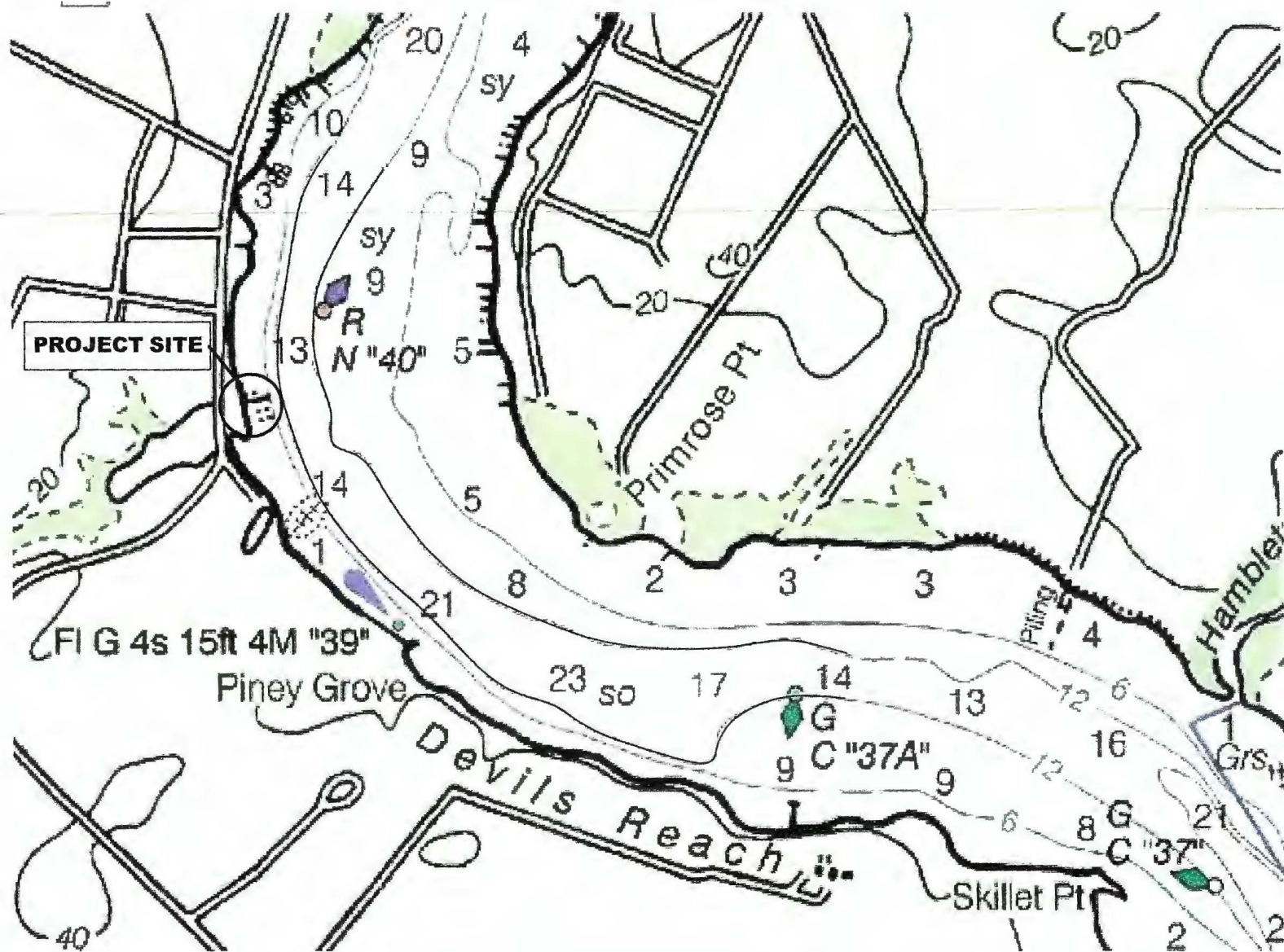


PROPOSED 25' ALUMINUM GANGWAY AT MEAN LOW WATER

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SHEET 9 OF 9

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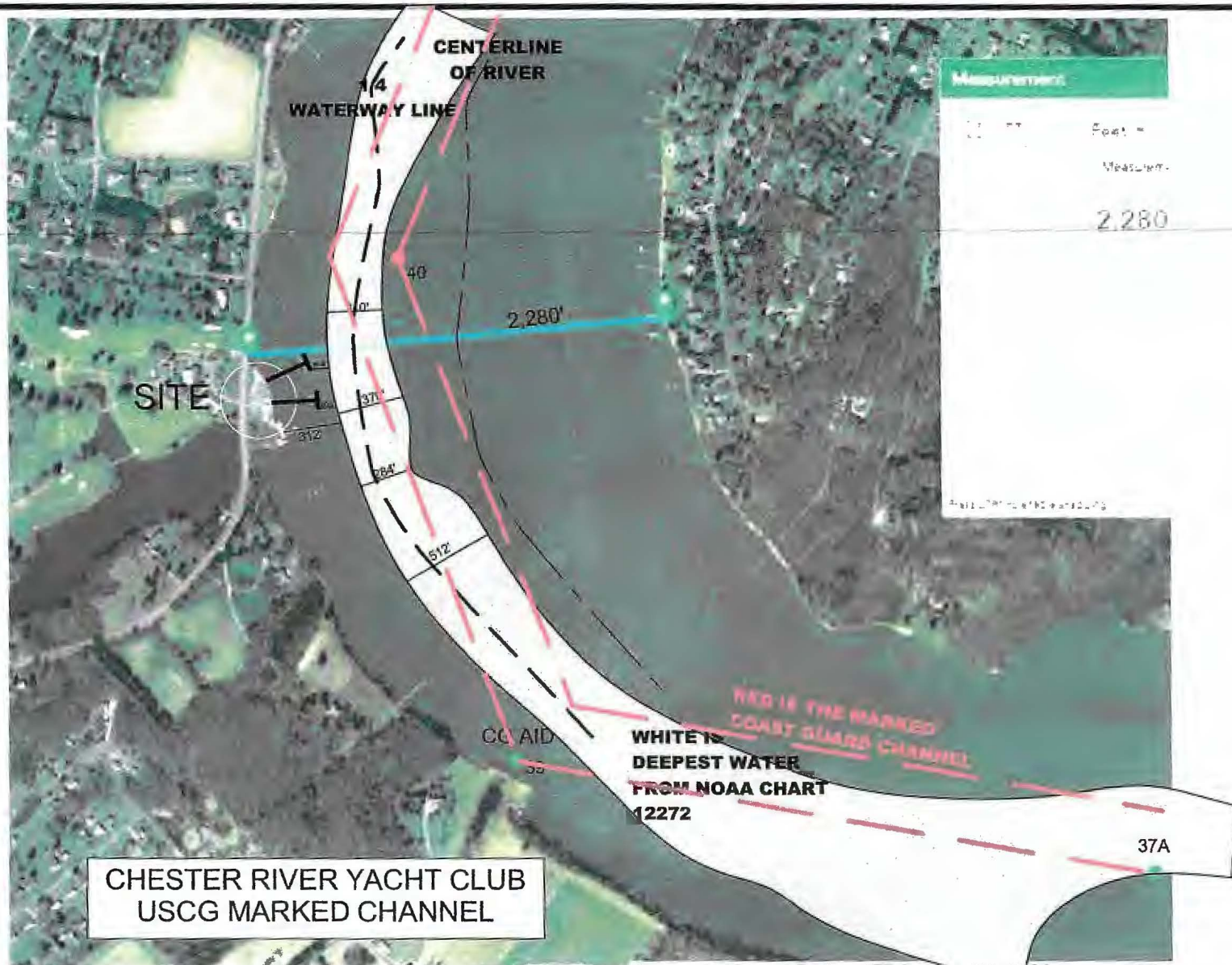
NOAA CHART 12272
(NOT TO SCALE)

ADDITIONAL SHEET A

DAVIS, **M**OOORE, **S**HEARON
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ADDITIONAL SHEET B

(NOT TO SCALE)

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