

PROPOSED PIERS & BULKHEAD SITE VICINITY MAP

Project #: 10776N-IP
For: Sabine Pass Port Authority
Location: North of South 1st Avenue
 Jefferson County, Texas

REVISIONS

BERG•OLIVER ASSOCIATES, INC.

ENVIRONMENTAL SCIENCE & LAND USE CONSULTANTS
 14701 ST. MARY'S LANE, SUITE 400
 HOUSTON, TEXAS 77079 PHONE (281)589-0898 <http://www.bergoliver.com>





PROPOSED PIERS & BULKHEAD SITE LOCATION MAP

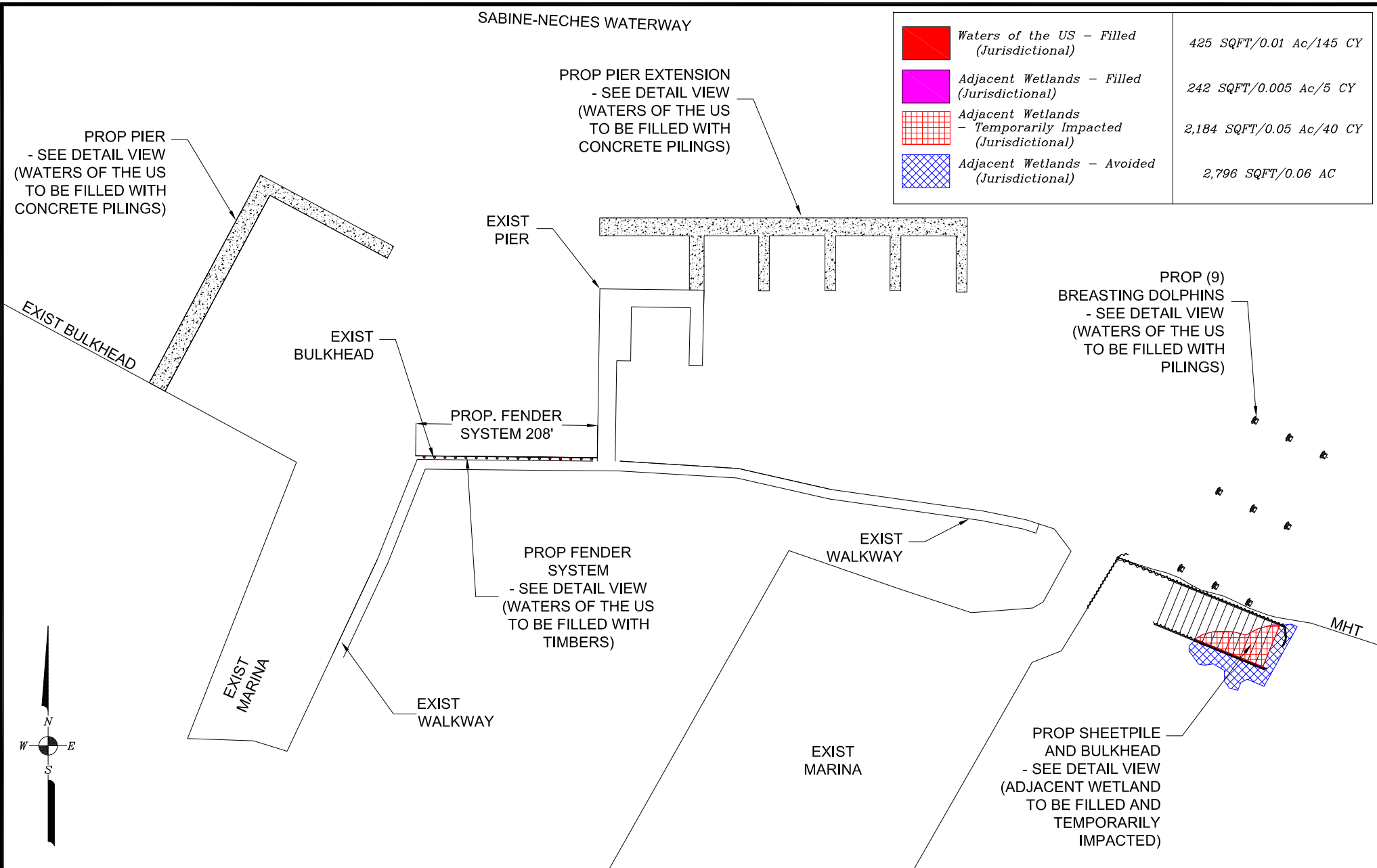
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PROPOSED PIERS & BULKHEAD OVERVIEW

0 75 150 300
SCALE (Feet)

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Oct. 17, 2019 by M.Baker
Dec. 4, 2019 by M.Baker

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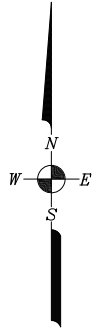


425 SQFT/0.01 Ac/145 CY

242 SQFT/0.005 Ac/5 CY

2,184 SQFT/0.05 Ac/40 CY

2,796 SQFT/0.06 AC



EXIST BULKHEAD

EXISTING BULKHEAD

PROPOSED PIER
EL = 3.75'

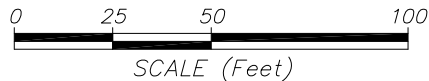
MHW

PROPOSED PILES

-19.6' DEPTH

PROPOSED PILING WATER OF THE US TO BE FILLED

*ELEVATIONS REFER TO MEAN
HIGHER HIGH WATER DATUM



*PROPOSED PIER
DETAIL VIEW AND CROSS SECTION*

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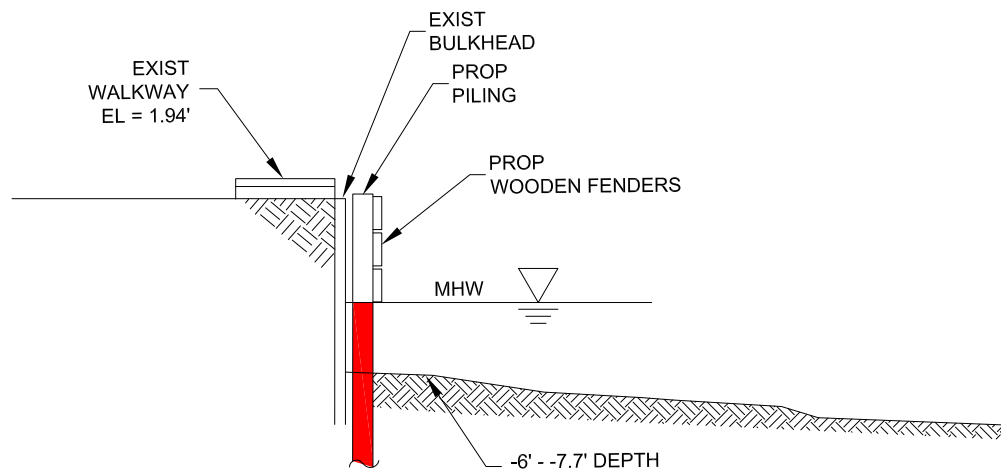
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CROSS-SECTION (NTS)



12'

EXIST
PIEREXIST
BULKHEAD

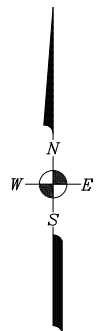
208'

EXIST WALKWAY

EXIST WALKWAY

PROP FENDER SYSTEM
WATERS OF THE US
TO BE FILLED WITH
PILINGS
(12 SQFT; 3 CY)

	Waters of the US - Filled (Jurisdictional)	425 SQFT/0.01 Ac/145 CY
	Adjacent Wetlands - Filled (Jurisdictional)	242 SQFT/0.005 Ac/5 CY
	Adjacent Wetlands - Temporarily Impacted (Jurisdictional)	2,184 SQFT/0.05 Ac/40 CY
	Adjacent Wetlands - Avoided (Jurisdictional)	2,796 SQFT/0.06 AC



PROPOSED FENDER SYSTEM DETAIL VIEW AND CROSS SECTION

PROJECT #: 10776N

FOR: Sabine Pass Port Authority

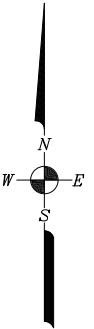
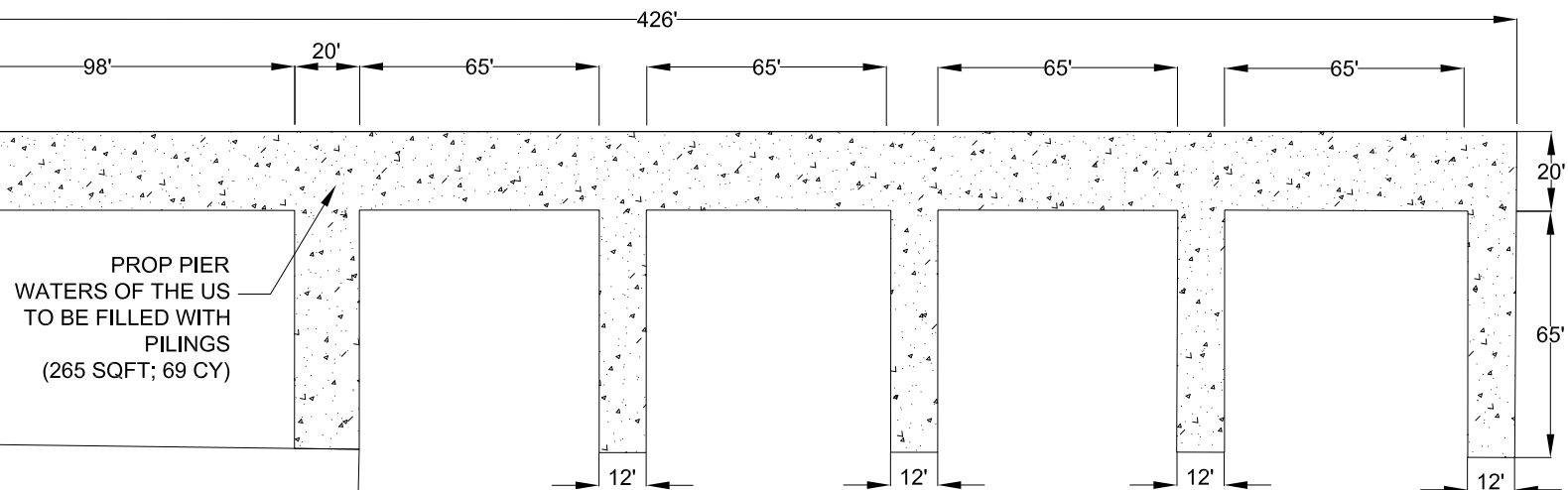
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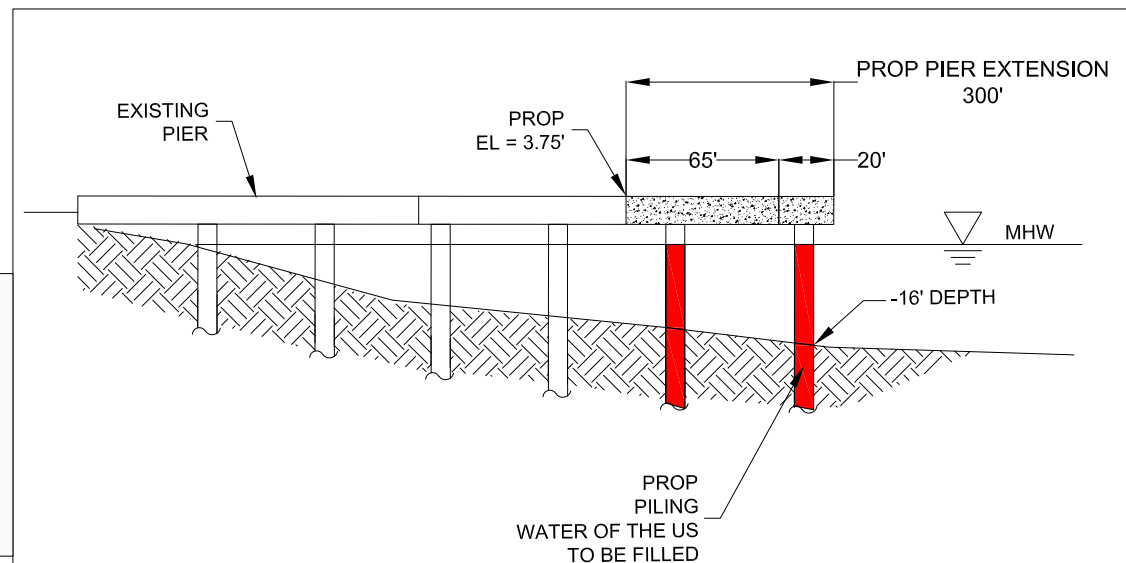


EXIST PIER

PROP PIER
WATERS OF THE US
TO BE FILLED WITH
PILINGS
(265 SQFT; 69 CY)

	Waters of the US - Filled (Jurisdictional)	425 SQFT/0.01 Ac/145 CY
	Adjacent Wetlands - Filled (Jurisdictional)	242 SQFT/0.005 Ac/5 CY
	Adjacent Wetlands - Temporarily Impacted (Jurisdictional)	2,184 SQFT/0.05 Ac/40 CY
	Adjacent Wetlands - Avoided (Jurisdictional)	2,796 SQFT/0.06 AC

EXIST WALKWAY



CROSS-SECTION (NTS)

PROPOSED PIER EXTENSION DETAIL VIEW AND CROSS SECTION







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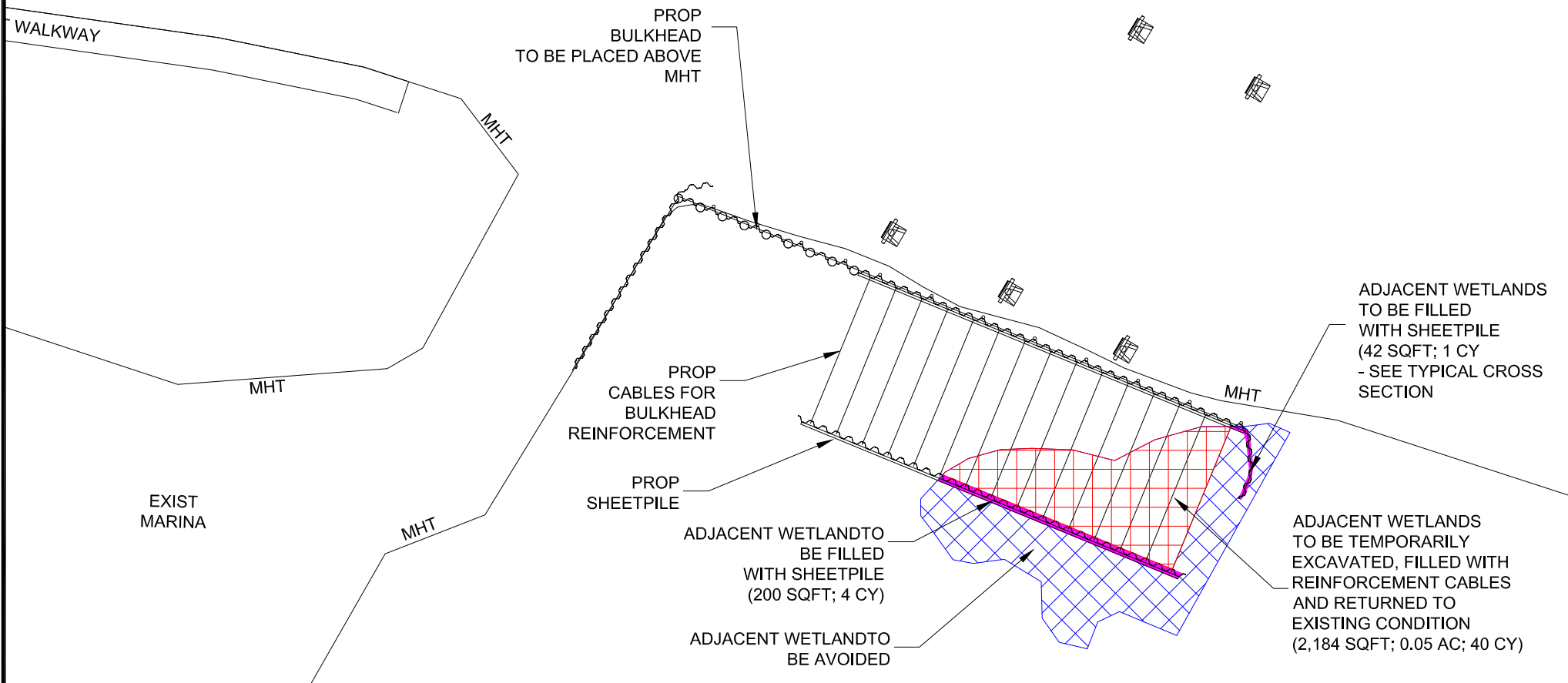
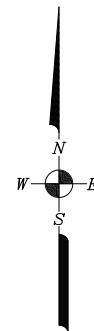
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	Adjacent Wetlands - Avoided (Jurisdictional)	2,796 SQFT/0.06 AC

PROP (9)
BREASTING DOLPHINS
WATERS OF THE US
TO BE FILLED
(45 SQFT; 18 CY)
- SEE TYPICAL CROSS
SECTION



PROPOSED BREASTING DOLPHINS AND BULKHEAD DETAIL VIEW

0 25 50 100
SCALE (Feet)

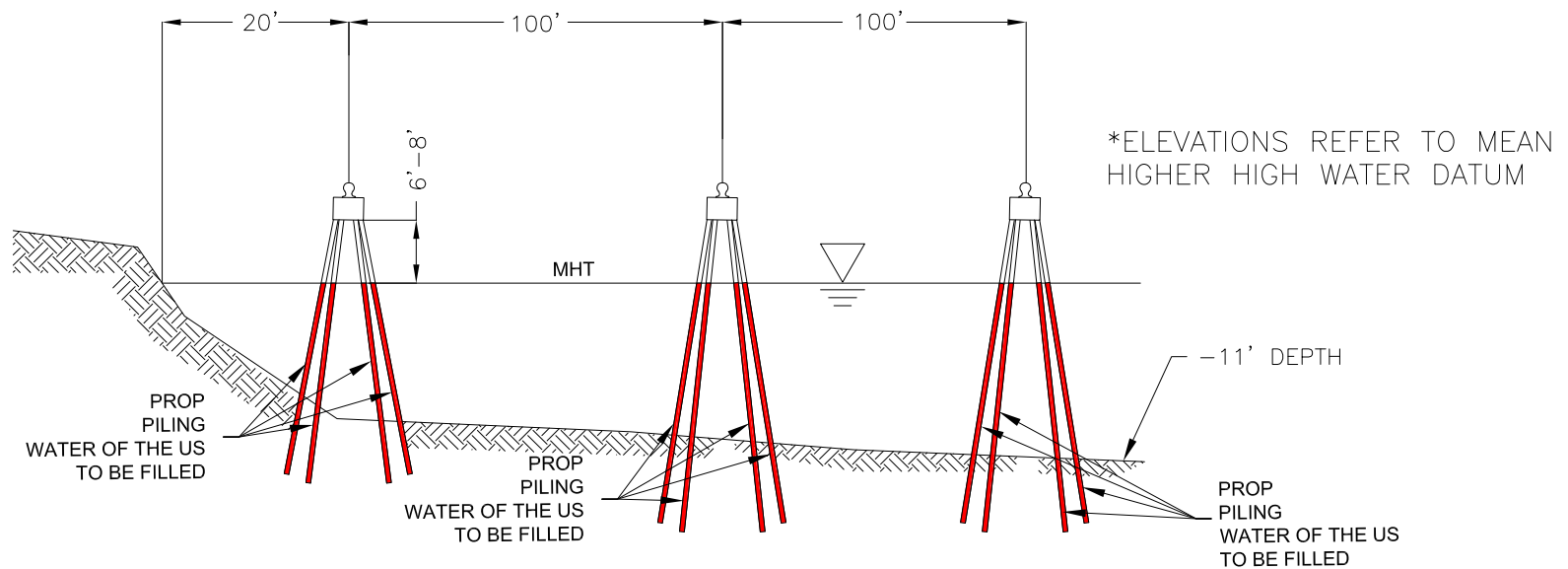
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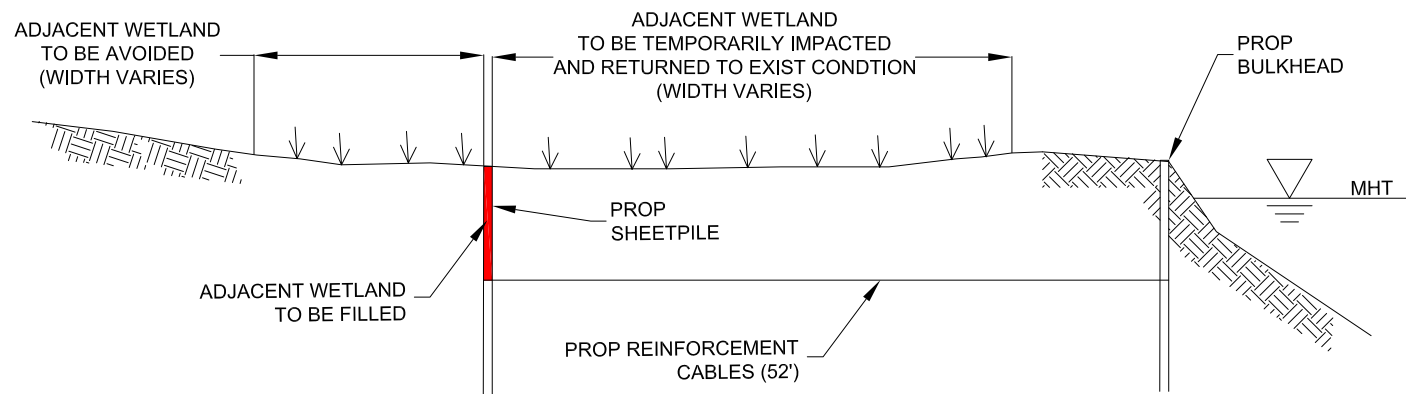
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BREASTING DOLPHINS TYP CROSS SECTION (NTS)



BULKHEAD TYP CROSS SECTION (NTS)

**PROPOSED BREASTING DOLPHINS AND BULKHEAD
TYPICAL CROSS SECTIONS**

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