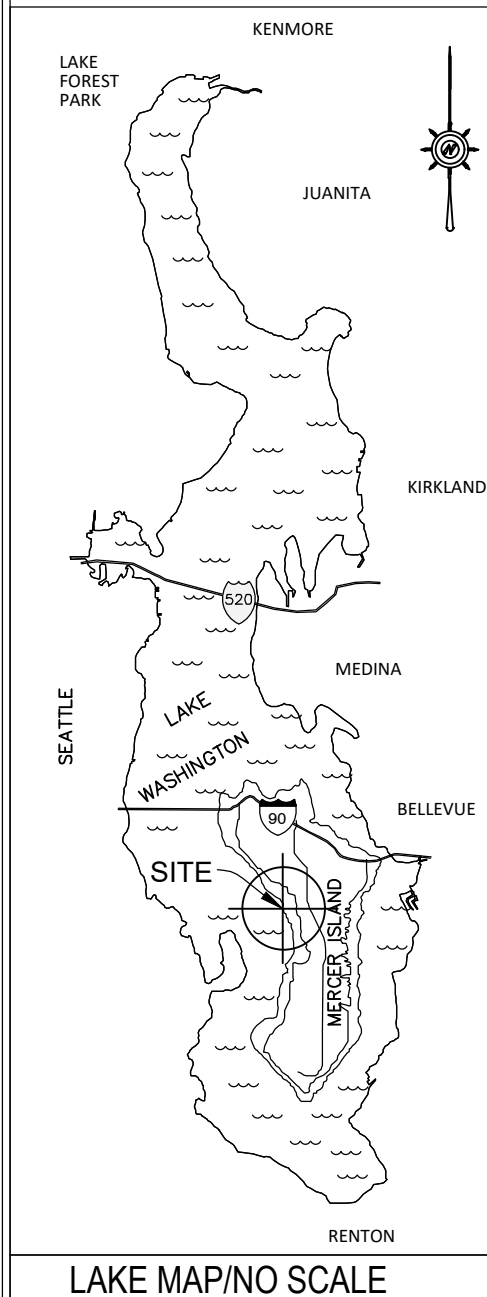


DALLAS DOCK REPAIR



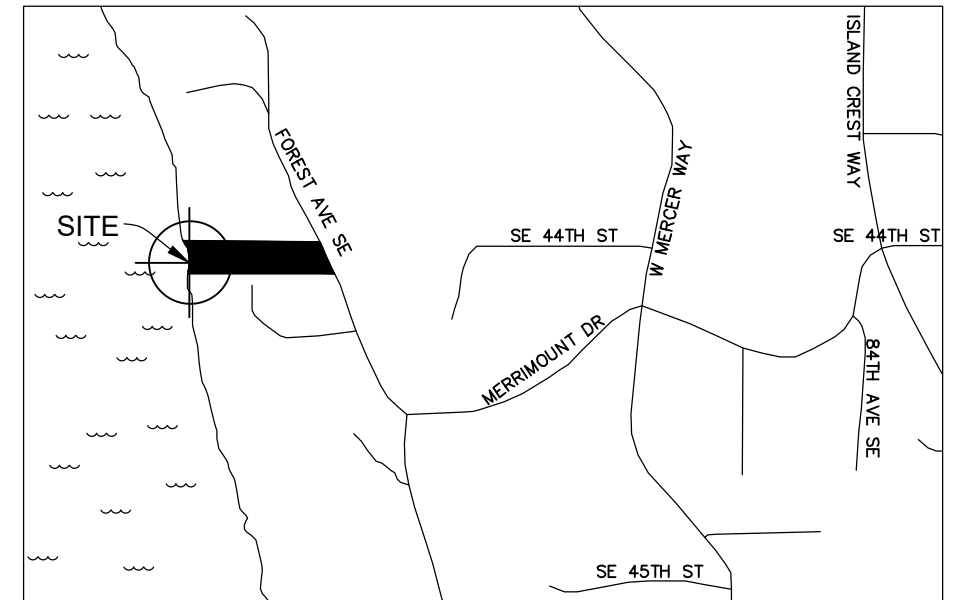
PROPOSED:
 REPAIR THE EXISTING DOCK BY REMOVING SOLID WOOD DECKING AND INSTALLING THRU-FLOW PLASTIC GRATED DECKING. REPAIR 3 PILING. REPLACE AN EXISTING BOATLIFT.

PURPOSE:
 TO MAINTAIN MOORAGE INTEGRITY.

APPLICANT:
 DALLAS, KEVIN & ANGELA
SITE ADDR:
 4403 FOREST AVE SE
 MERCER ISLAND, WA 98040
MAIL ADDR:
 SAME AS ABOVE.

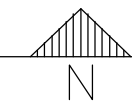
ADJACENT PROPERTY OWNERS:
 1.) BENEZRA, LAWRENCE J + DEBBIE R
 4351 FOREST AVE SE
 MERCER ISLAND, WA 98040
 2.) REIBMAN, CHAD + JENNIFER
 4417 FOREST AVE SE
 MERCER ISLAND, WA 98040

LOCAL JURISDICTION:
 THE CITY OF MERCER ISLAND



VICINITY MAP

NOT TO SCALE



1/4 SEC: SE-13-24-4
 LAT: 47.56726 N
 LONG: -122.23267 W

LEGAL DESCRIPTION:

(PARCEL No. 548270-0170)

MERRIMOUNT ADD 36 & N 18 FT OF 37 & 2ND CL SH LDS ADJ

SHEET INDEX:

- | | |
|--|---|
| 1. COVER PAGE | 11. PROPOSED MITIGATION PLAN |
| 2. EXISTING SITE PLAN | 12. ADDENDUM A: STRUCTURE SEPARATION DETAIL |
| 3. EXISTING PLAN VIEW | |
| 4. PROPOSED PLAN VIEW | |
| 5. EXISTING FRAMING PLAN | |
| 6. PROPOSED FRAMING PLAN | |
| 7. EXISTING ELEVATION VIEW | |
| 8. PROPOSED ELEVATION VIEW | |
| 9. EXISTING/PROPOSED SECTION DETAILS, PILE SLEEVE DETAIL | |
| 10. CONSTRUCTION DETAILS | |

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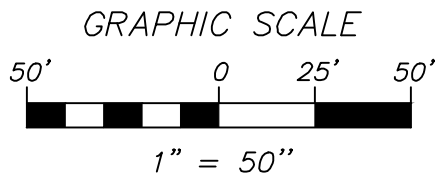
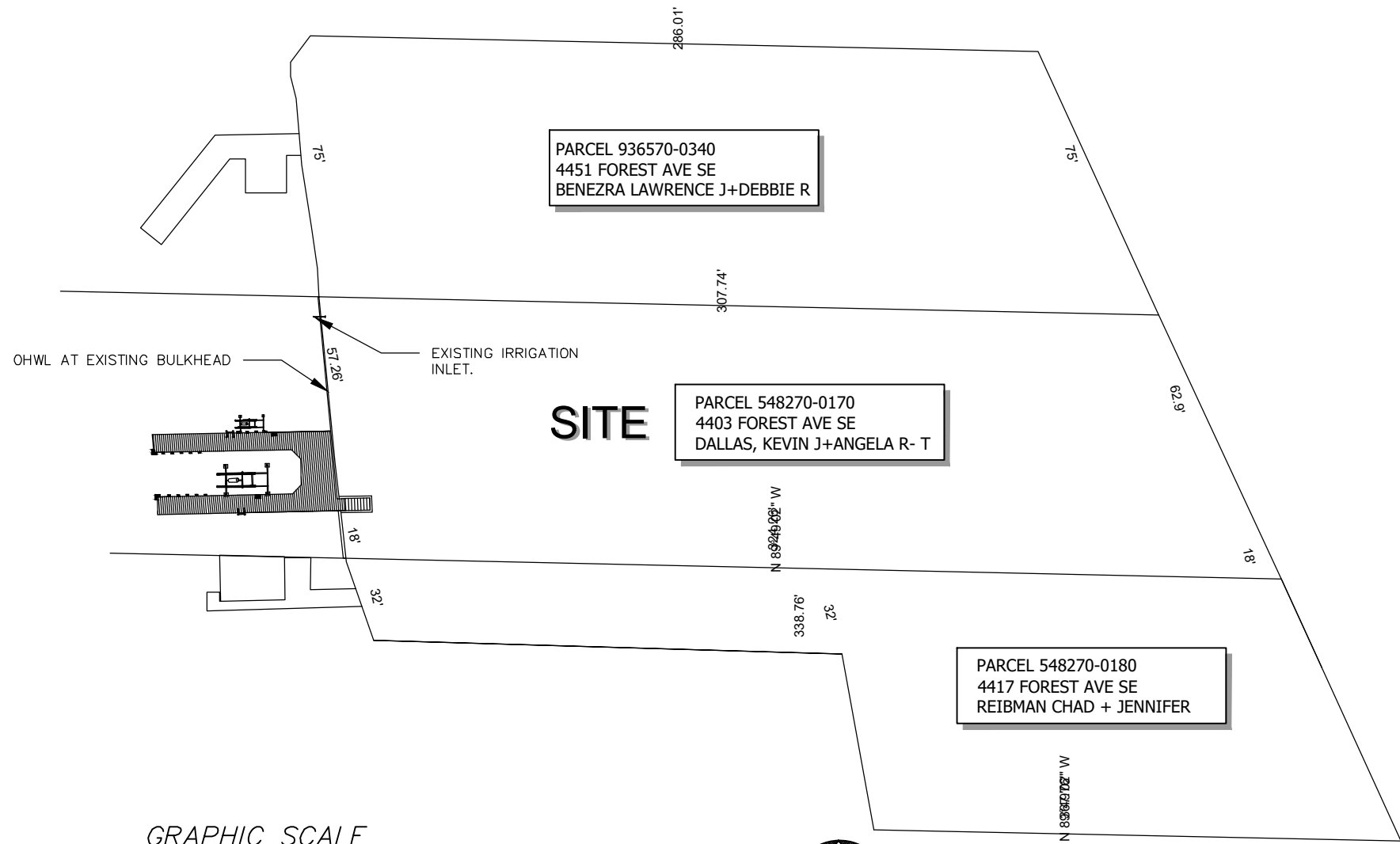
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PHONE: (425) 576-8661

E-MAIL: INFO@MARINELLC.COM

PLOT DATE: 18 May 2023

NOTE:
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EXISTING SITE PLAN
 SCALE: 1" = 50'



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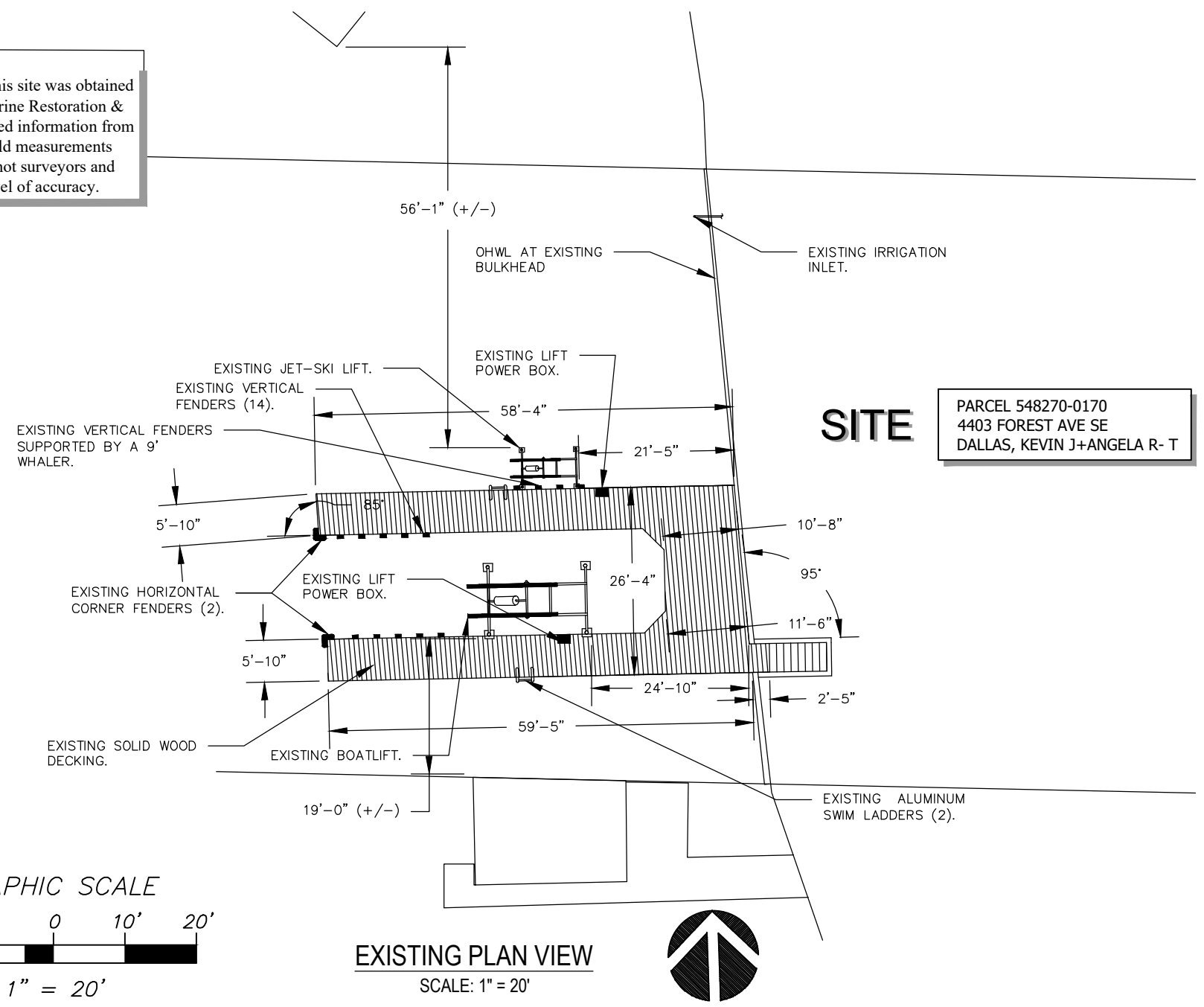
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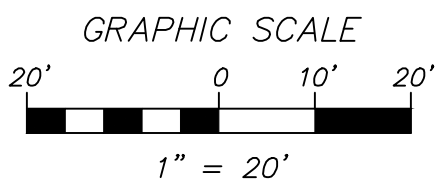
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SITE
 PARCEL 548270-0170
 4403 FOREST AVE SE
 DALLAS, KEVIN J+ANGELA R- T



EXISTING PLAN VIEW
 SCALE: 1" = 20'



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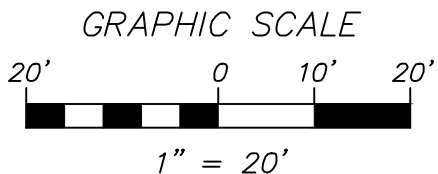
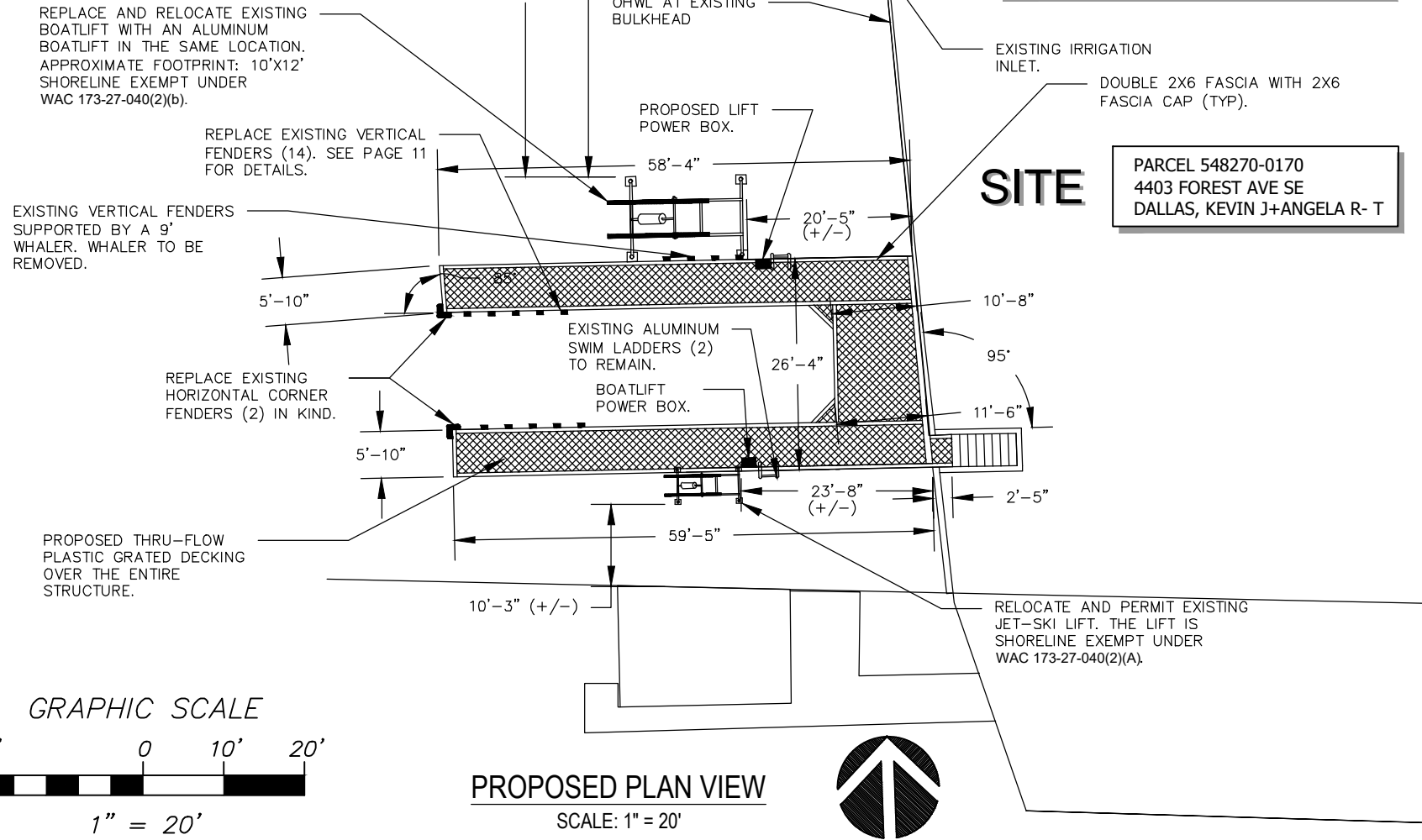
E-MAIL: INFO@MARINELLC.COM

PLOT DATE: 18 May 2023

NOTE:
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WORK DESCRIPTION:
REMOVE DECKING. REPAIR THREE PILING BY SLEEVING THEM WITH HDPE PLASTIC PIPE. INSTALL 2X8 INTERMEDIATE STRINGERS TO SUPPORT GRATED DECKING. INSTALL DOUBLE 2X6 FASCIA WITH 2X6 TOP CAP. REPLACE WOOD DECKING WITH PLASTIC THRU-FLOW LEGACY DECKING. REPLACE AND RELOCATE AN EXISTING BOATLIFT. RELOCATE AND PERMIT THE FREESTANDING JET-SKI LIFT. NO CHANGE FROM EXISTING DOCK SHAPE SIZE AND CONFIGURATION.
TOTAL AREA OF DOCK RESTORATION (846 SF)

PARCEL 548270-0170
4403 FOREST AVE SE
DALLAS, KEVIN J+ANGELA R- T



PROPOSED PLAN VIEW
SCALE: 1" = 20'



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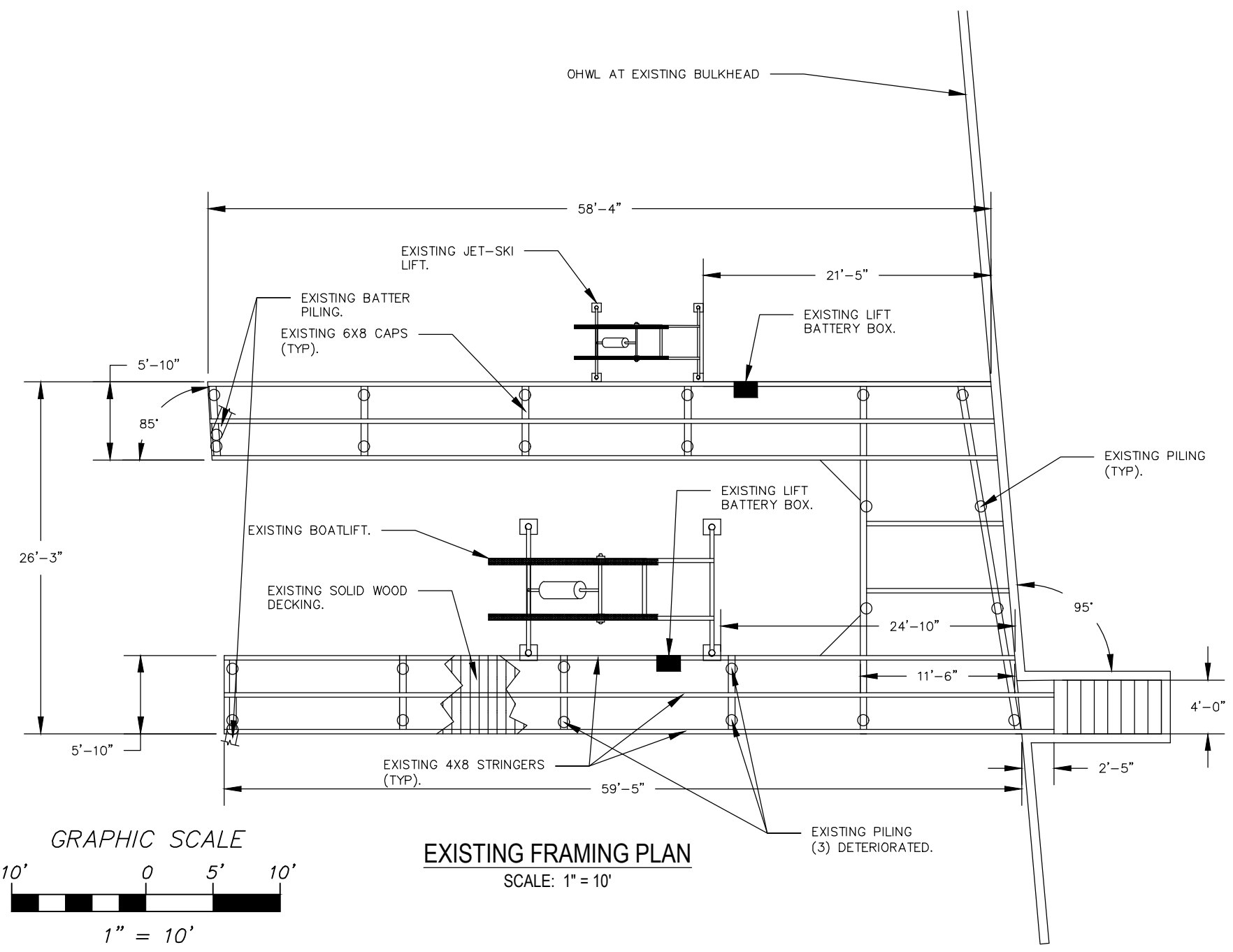
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EXISTING FRAMING PLAN
SCALE: 1" = 10'

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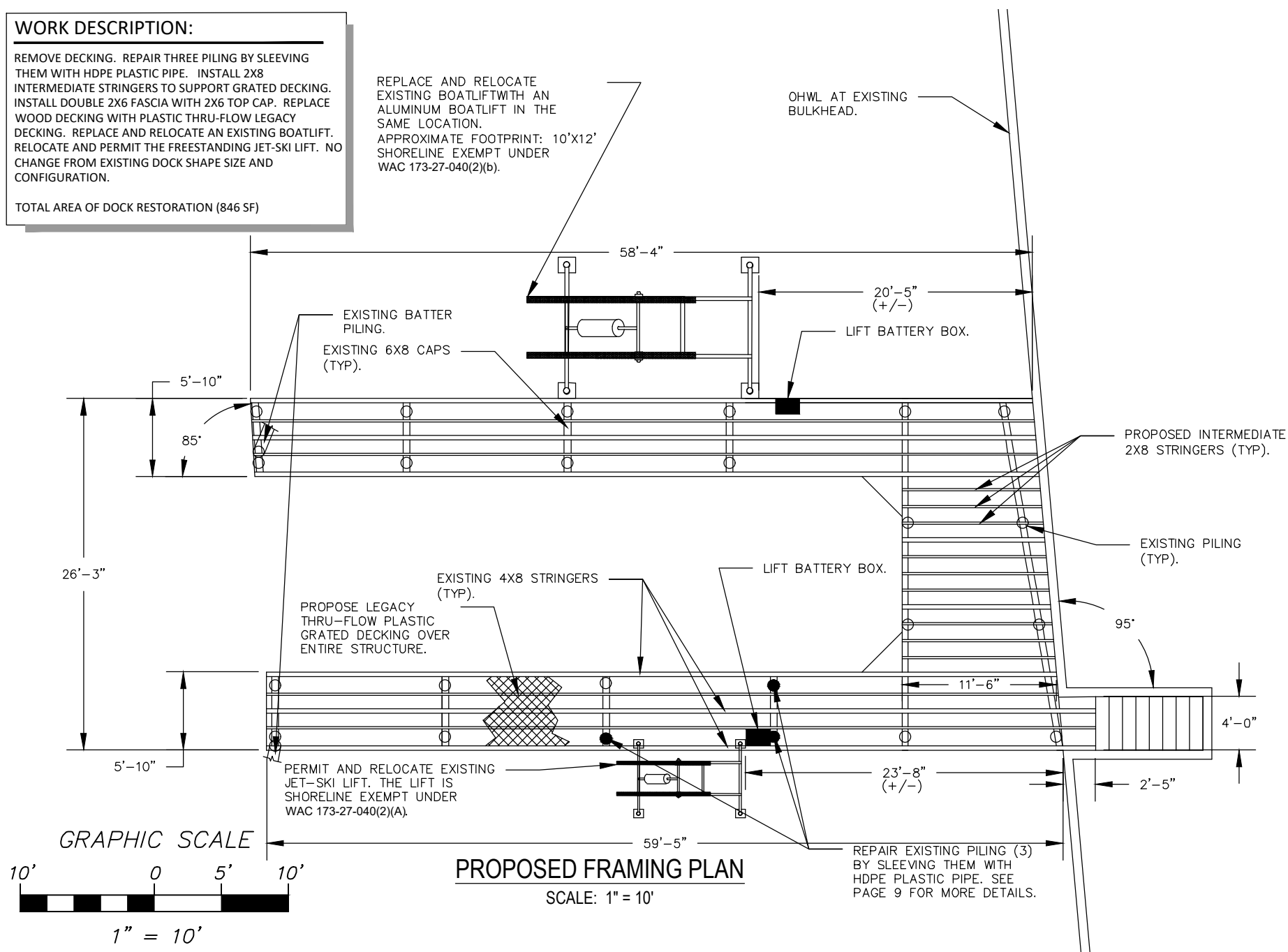
PHONE: (425) 576-8661

E-MAIL: INFO@MARINELLC.COM

WORK DESCRIPTION:
 REMOVE DECKING. REPAIR THREE PILING BY SLEEVEING THEM WITH HDPE PLASTIC PIPE. INSTALL 2X8 INTERMEDIATE STRINGERS TO SUPPORT GRATED DECKING. INSTALL DOUBLE 2X6 FASCIA WITH 2X6 TOP CAP. REPLACE WOOD DECKING WITH PLASTIC THRU-FLOW LEGACY DECKING. REPLACE AND RELOCATE AN EXISTING BOATLIFT. RELOCATE AND PERMIT THE FREESTANDING JET-SKI LIFT. NO CHANGE FROM EXISTING DOCK SHAPE SIZE AND CONFIGURATION.
 TOTAL AREA OF DOCK RESTORATION (846 SF)

REPLACE AND RELOCATE EXISTING BOATLIFT WITH AN ALUMINUM BOATLIFT IN THE SAME LOCATION.
 APPROXIMATE FOOTPRINT: 10'X12'
 SHORELINE EXEMPT UNDER WAC 173-27-040(2)(b).

OHWL AT EXISTING BULKHEAD.



PROPOSED FRAMING PLAN

SCALE: 1" = 10'

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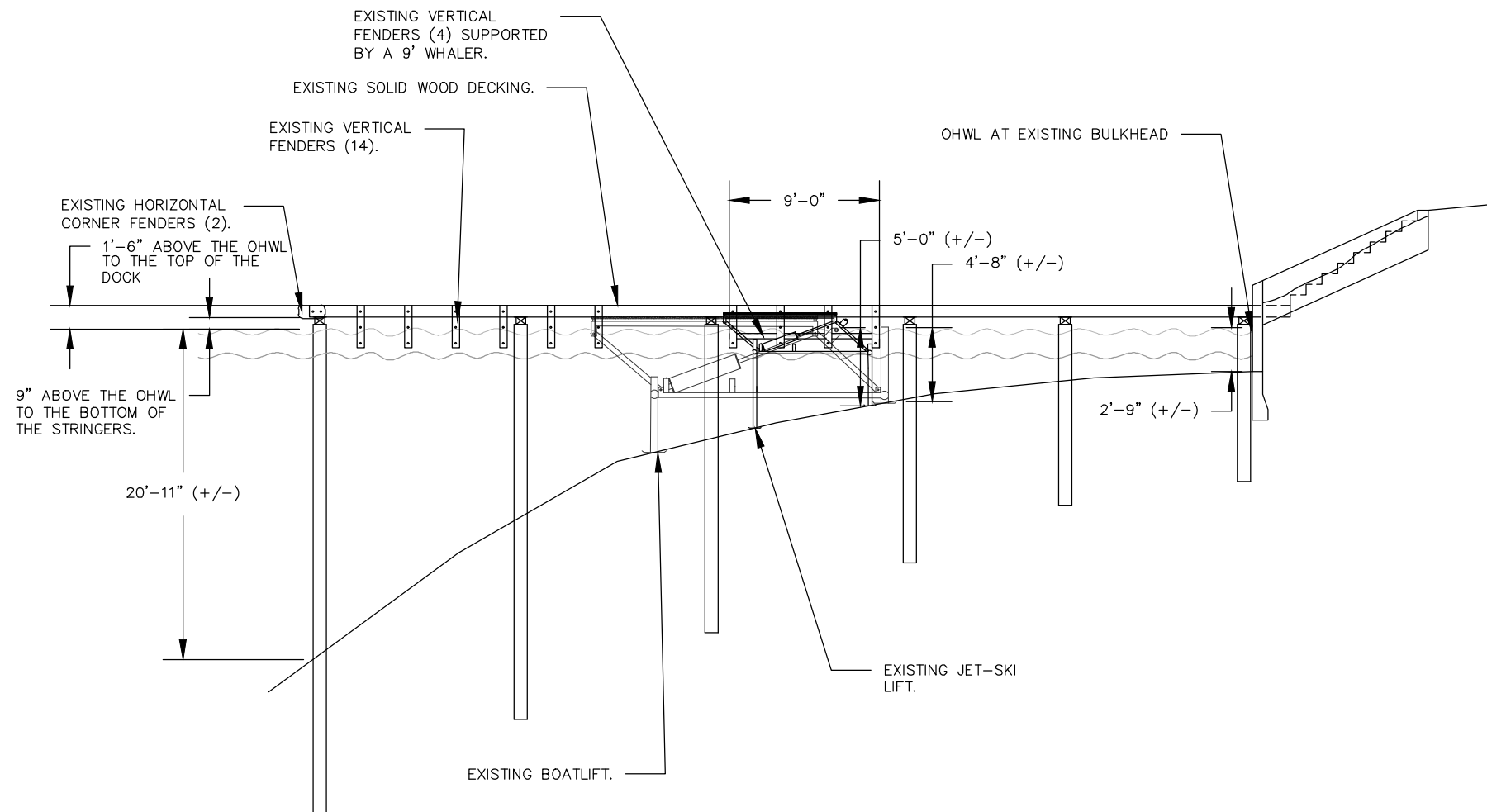
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EXISTING ELEVATION VIEW
SCALE: 1" = 10'

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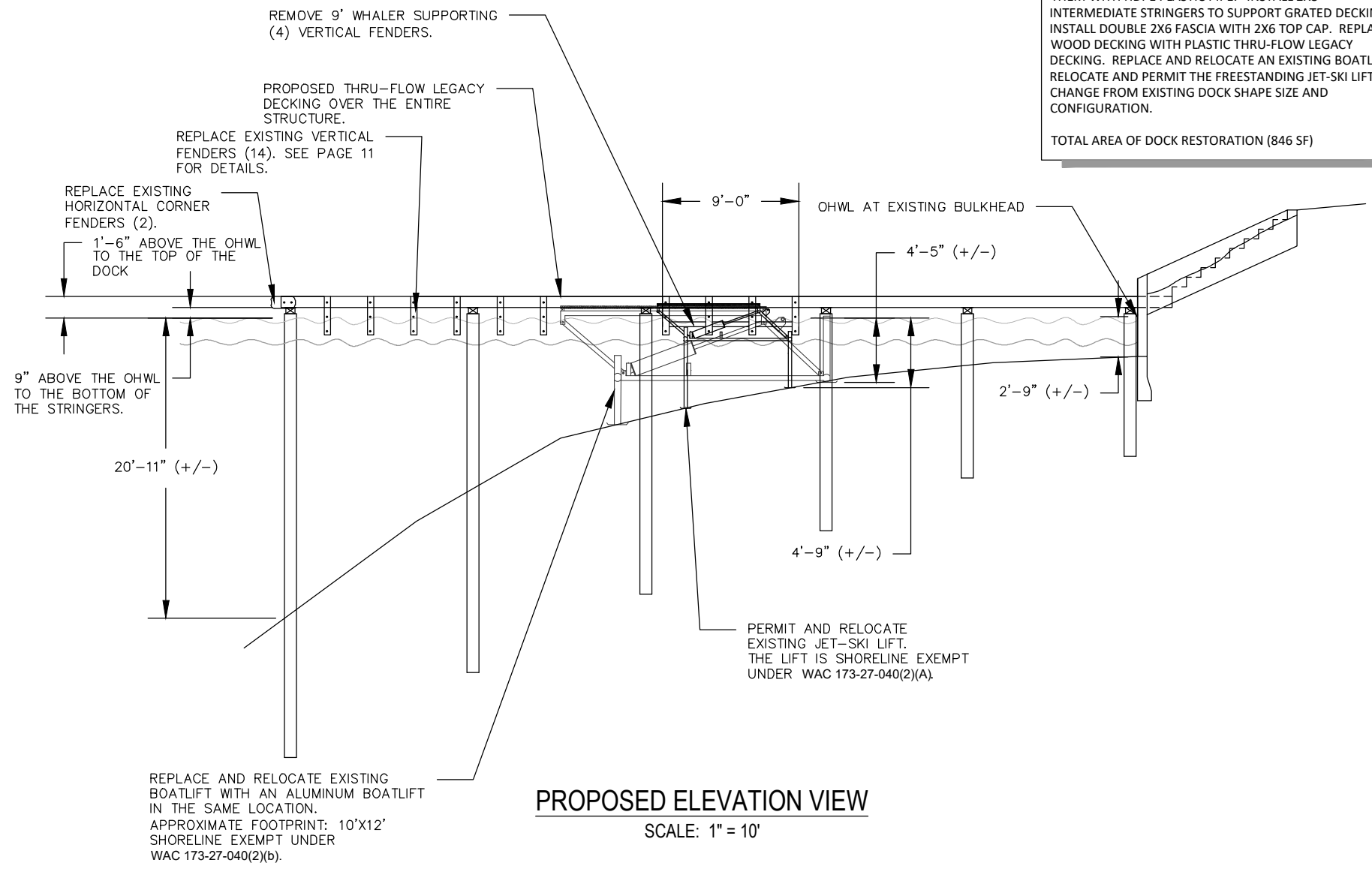
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 TOTAL AREA OF DOCK RESTORATION (846 SF)



PROPOSED ELEVATION VIEW
 SCALE: 1" = 10'

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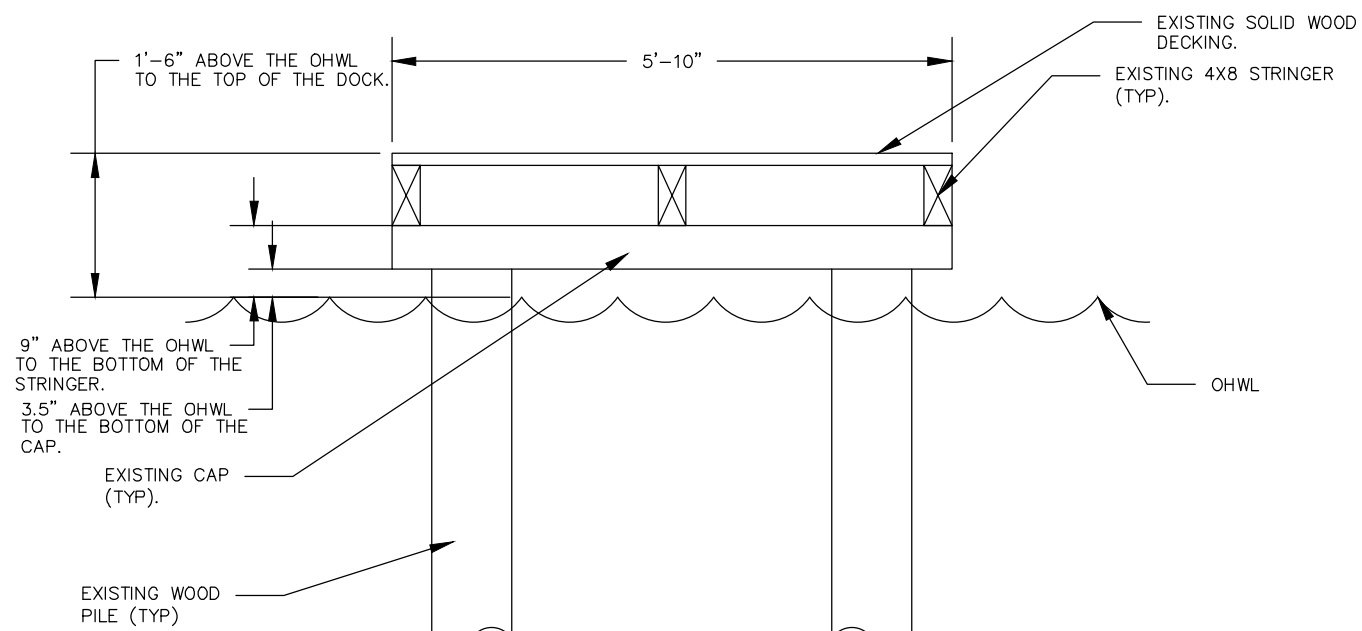
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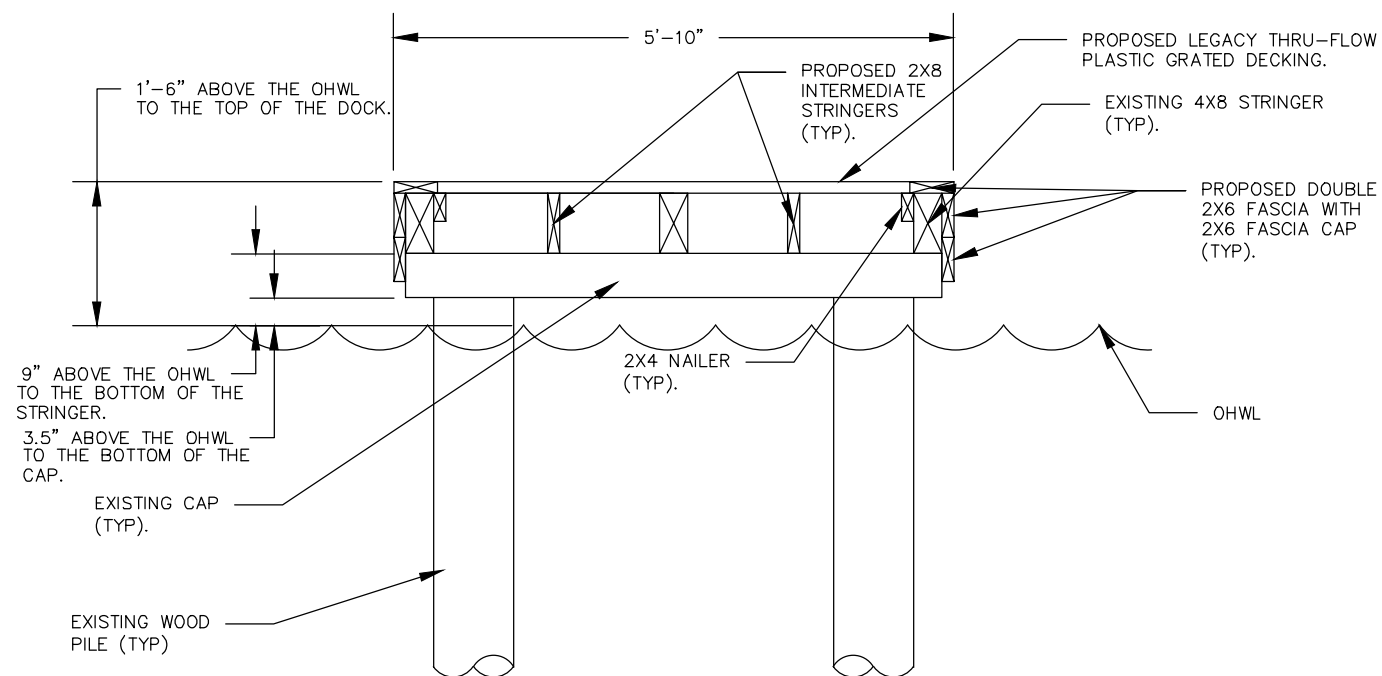
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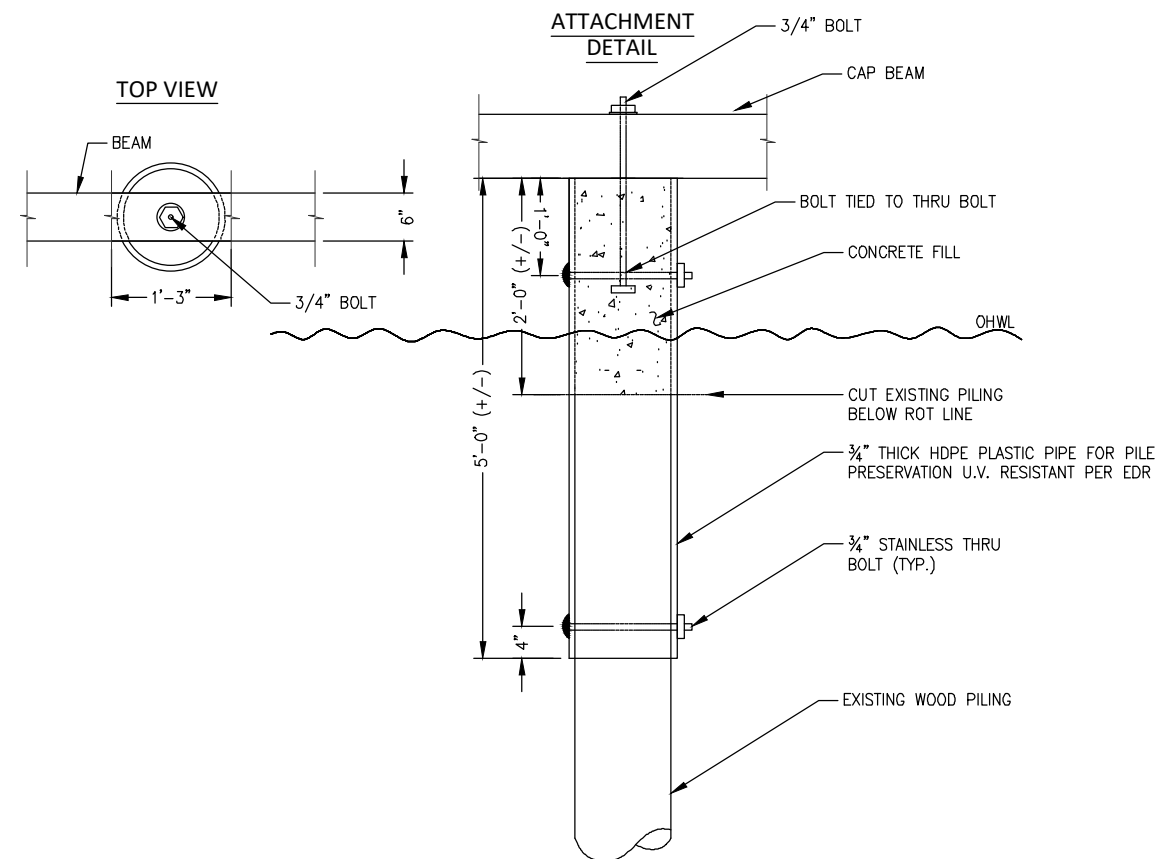
EXISTING SECTION VIEW
SCALE: 1/2" = 1'-0"



PROPOSED SECTION VIEW
SCALE: 1/2" = 1'-0"

NOTES:

1. FIELD TREAT ANY CUTS AND EXPOSED EDGES WITH "WOODLIFE" PRESERVATIVE. APPLY USING PAINT BRUSH. PRECAUTION TO BE TAKEN TO AVOID ANY SPILLS IN THE WATER.
2. NO GALVANIZED STEEL BOLTS WILL BE USED BELOW THE OHWM. ALL DRIFT PINS WILL BE ABOVE THE OHWM.



STANDARD PILING SLEEVE METHOD:
LOCATE POINT ON PILING BELOW ANY DETERIORATION OR ROT. CUT OFF PILING BELOW ROT LINE. SLEEVE PILE WITH HDPE TUBING AND THRU BOLT USING THRU-BOLTS. PILE SLEEVE TO BE MATCHED CLOSELY TO THE SIZE OF THE EXISTING PILING. SEAL BOTTOM OF PILE SLEEVE. FILL VOID WITH CONCRETE. EXTREME PRECAUTION TO BE USED TO AVOID ANY SPILLS IN THE WATER. DRILLING TO BE DONE WITH A PNEUMATIC DRILL. LAKE BOTTOM TO REMAIN UNDISTURBED IN ALL CASES.

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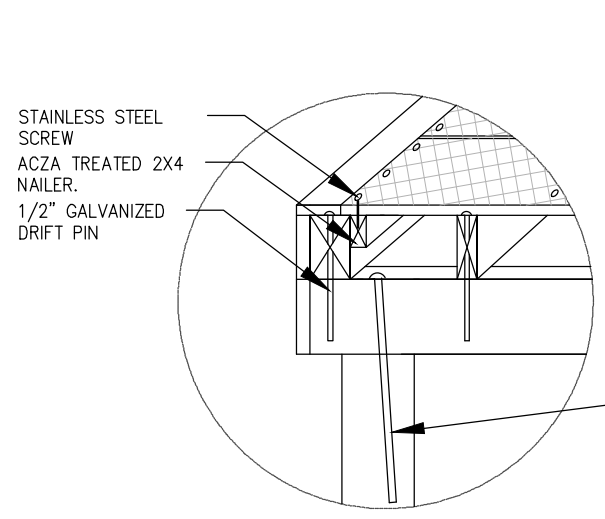
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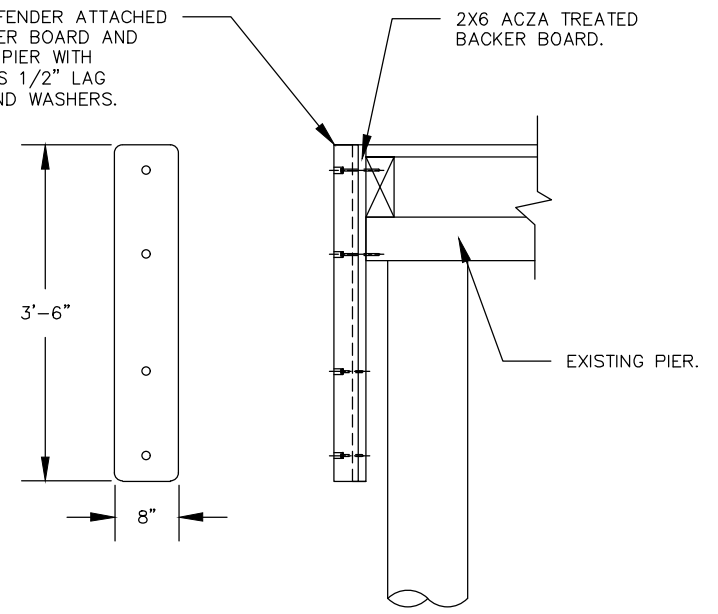


CONNECTION DETAIL
N.T.S.

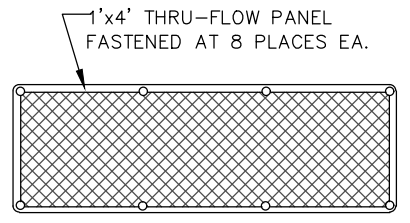
NOTES:

1. FIELD TREAT ANY CUTS AND EXPOSED EDGES WITH "WOODLIFE" PRESERVATIVE. APPLY USING PAINT BRUSH. PRECAUTION TO BE TAKEN TO AVOID ANY SPILLS IN THE WATER.
2. NO GALVANIZED STEEL BOLTS WILL BE USED BELOW THE OHWM. ALL DRIFT PINS WILL BE ABOVE THE OHWM.

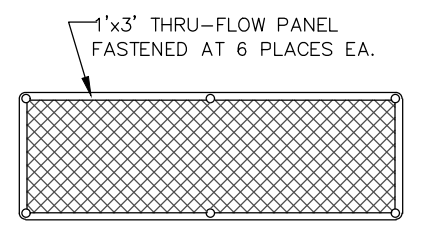
RUBBER FENDER ATTACHED TO BACKER BOARD AND EXISTING PIER WITH STAINLESS 1/2" LAG BOLTS AND WASHERS.



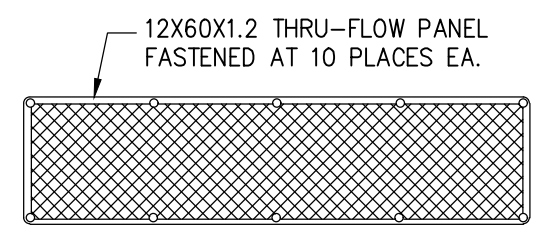
VERTICAL FENDER DETAIL:
SCALE: NTS



48" THRU-FLOW GRATED PANEL
N.T.S.



36" THRU-FLOW GRATED PANEL
N.T.S.



60" THRU-FLOW GRATED PANEL
N.T.S.

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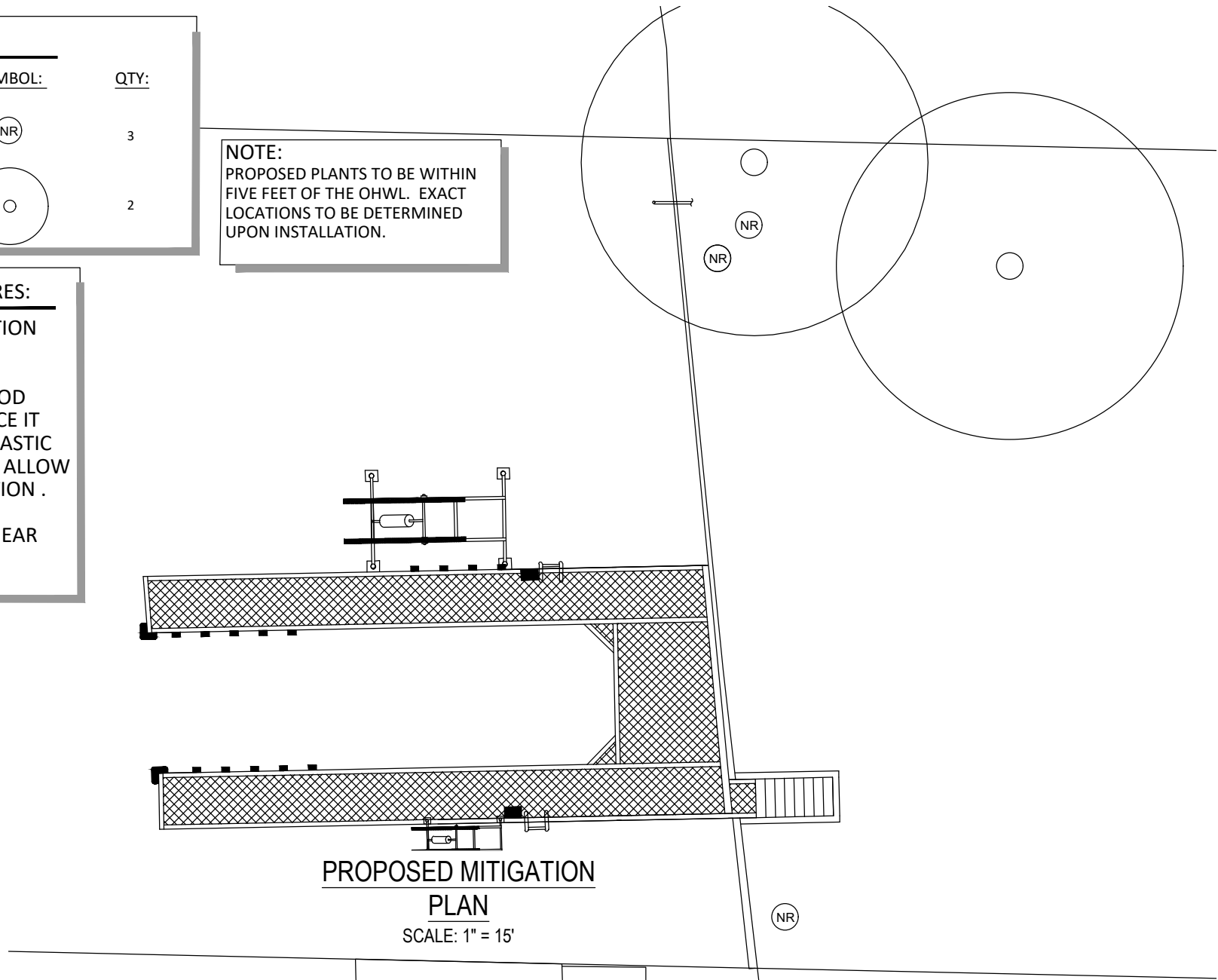
E-MAIL: INFO@MARINELLC.COM

PLANT LEGEND		
PROPOSED:	SYMBOL:	QTY:
1. ROSA NUTKANA NOOKTA ROSE	(NR)	3
EXISTING:		
1. LARGE CEDAR TREES	(O)	2

NOTE:
PROPOSED PLANTS TO BE WITHIN FIVE FEET OF THE OHWL. EXACT LOCATIONS TO BE DETERMINED UPON INSTALLATION.

MITIGATION MEASURES:

- PROPOSED MITIGATION PLANTING PLAN.
- REMOVE SOLID WOOD DECKING AND REPLACE IT WITH THRU-FLOW PLASTIC GRATED DECKING TO ALLOW FOR LIGHT PENETRATION .
- REMOVE A NINE LINEAR FOOT WHALER.



PROPOSED MITIGATION PLAN
SCALE: 1" = 15'

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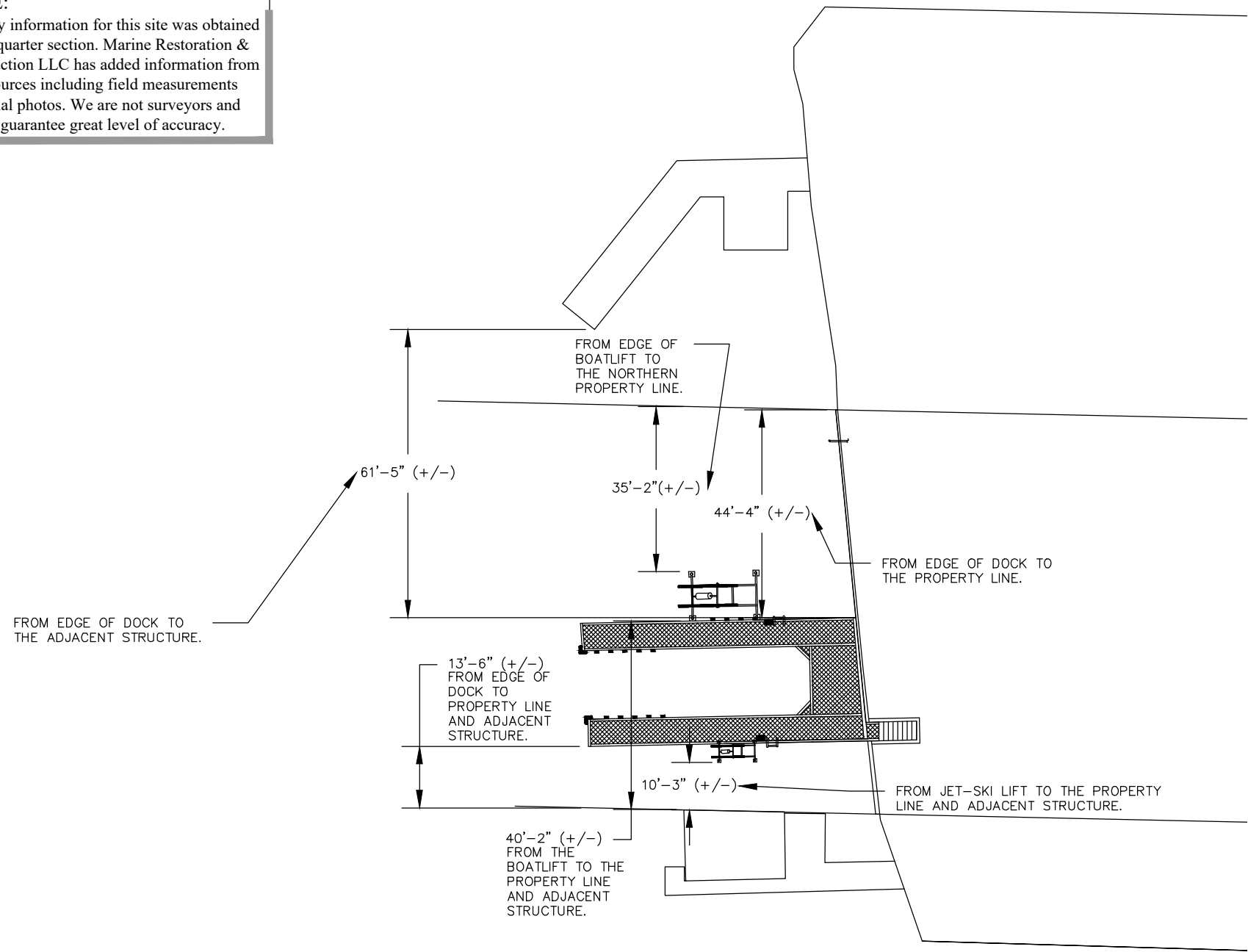
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ADDENDUM A:
STRUCTURE SEPARTATION DETAIL
 SCALE: 1" = 30'

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