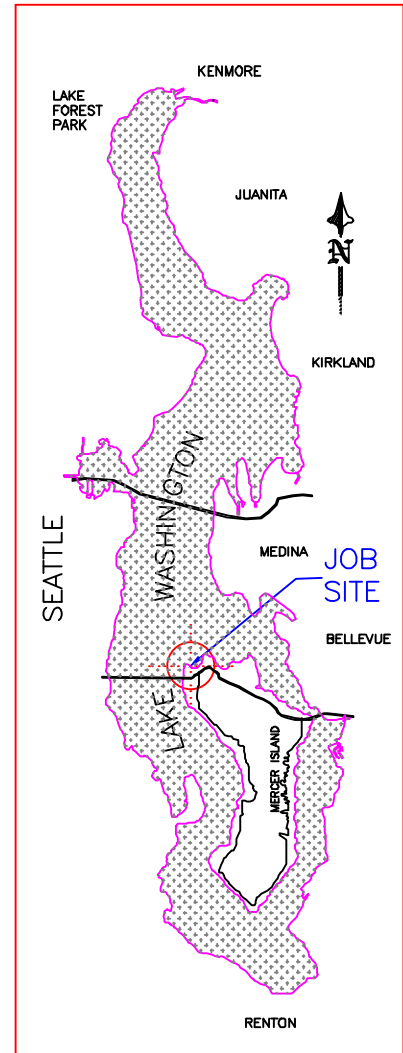


VICINITY MAP/NO SCALE



AREA MAP/NO SCALE



LEGAL DESCRIPTION

SECTION: SE-02-24-04 LAT: 47.592649 (47° 35' 33.5364" N)
 TAXLOT #: 243970-0110 LONG: -122.251115 (122° 15' 4.014" W)

FABENS POINT WATERFRONT TRS E 1/2 OF 18 ALL 19 TGW POR VAC
 ELIZABETH WAY LY BET C/L OF TR 18 & E LN OF TR 19 PROD SLY & W
 1/2 VAC MERCER ST PROD NLY FR S LN OF TR 20 TO OUTER BDRY OF SH
 LDS & TGW SH LDS ADJ TGW POR OF TR 20 ELY OF LN BAAP ON S LN SD
 TR 20 N 89-55-45 W 92.06 FT FR SE COR THOF TH N 00-01-54 E PLT
 E LN SD TR 20 A DIST OF 268.52 FT TH S 89-55-45 E 2.06 FT TH N
 00-01-54 E 44.50 FT TO N LN SD TR 20 LESS S 100 FT SD TR 20 TGW
 POR OF SD S 100 OF TR 20 & LESS POR SD VAC 62ND SE AS BOTH ARE
 SHOWN ON PLAT OF MI LLA 83-04-12 REC NO 8306299004 ALL OF SD
 ABOVE DESC BEING POR OF MI LLA 83-04-12 REC NO 8306299004

REVISED
12/07/2023

TO INCLUDE
 PROPOSED BOATLIFT.

PROJECT DESIGNED BY:

Waterfront Construction Inc.

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 PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN
 AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

ADJACENT OWNERS:

- ① E.J. FERULLO
 1910 FABEN DR
 MERCER ISLAND, WA 98040
- ② ERIC DAHLBERG
 6208 SE 22ND ST
 MERCER ISLAND, WA 98040

APPLICATION#:

PROPOSED: PIER REBUILD

PURPOSE: REPLACE FAILED PIER

DATUM: C.O.E. MLLW=0.0'

DWG#: 21-39001-A8-1

APPLICANT: MARK HOUTCHENS

SITE ADD. 6024 SE 22ND ST
 MERCER ISLAND, WA 98040

MAIL ADD. 6024 SE 22ND ST
 MERCER ISLAND, WA 98040

PAGE: 1 OF: 13 DATE: 11/3/2021

LAKE WASHINGTON

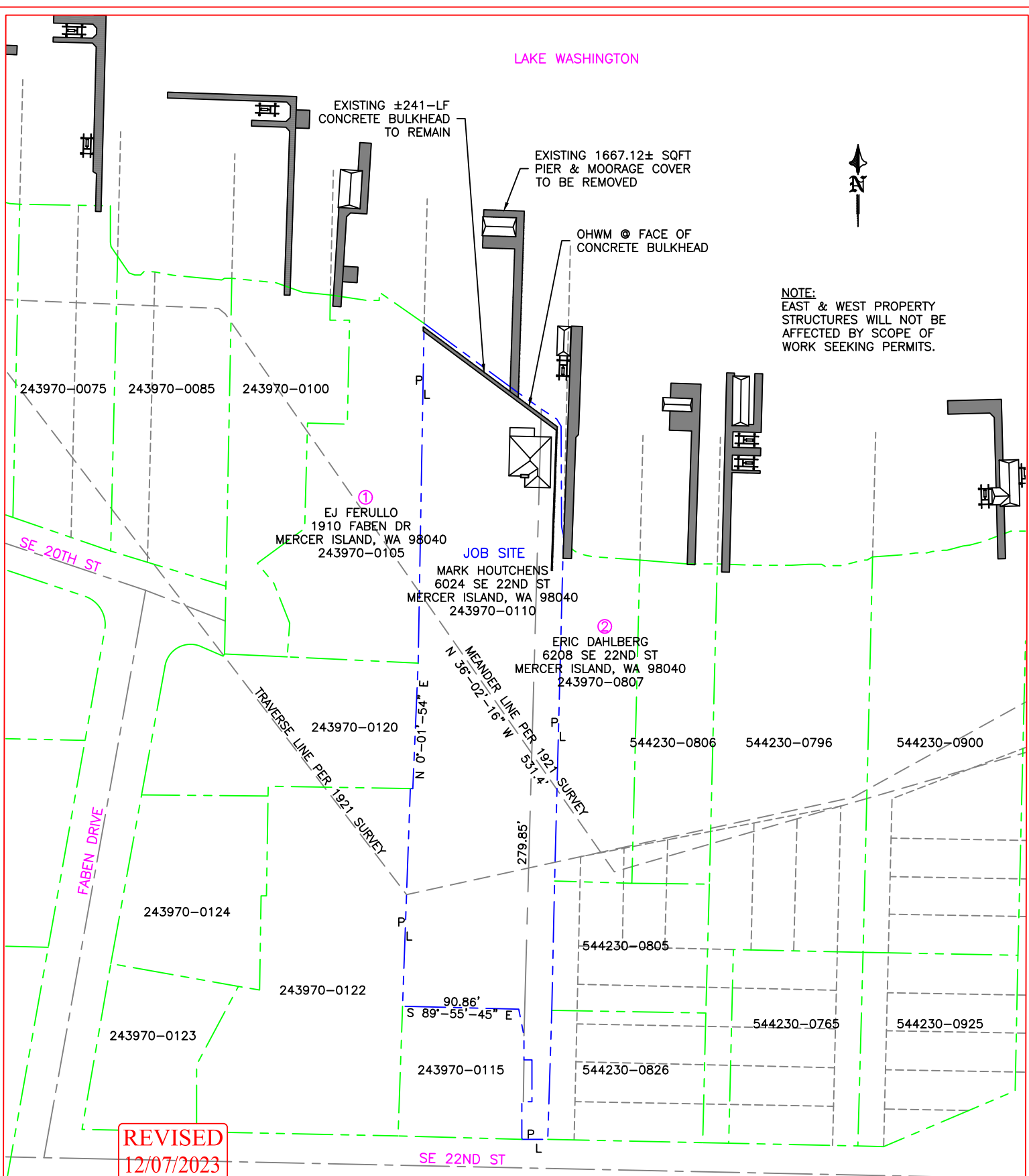
EXISTING ±241-LF
CONCRETE BULKHEAD
TO REMAIN

EXISTING 1667.12± SQFT
PIER & MOORAGE COVER
TO BE REMOVED

OHWL @ FACE OF
CONCRETE BULKHEAD



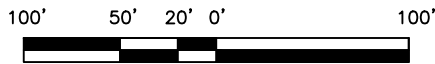
NOTE:
EAST & WEST PROPERTY
STRUCTURES WILL NOT BE
AFFECTED BY SCOPE OF
WORK SEEKING PERMITS.



REVISED
12/07/2023

TO INCLUDE
PROPOSED BOATLIFT.

EXISTING SITE PLAN



SCALE: 1"=100'

PROJECT DESIGNED BY:

Waterfront Construction Inc.

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REFERENCE #:

APPLICANT: MARK HOUTCHENS
6024 SE 22ND ST
MERCER ISLAND, WA 98040

PROPOSED: PIER REBUILD

SHEET: 2 OF: 13 NEAR/AT: MERCER ISLAND
DATE: 11/3/2021 DWG#: 21-39001-A8-2

LAKE WASHINGTON

EXISTING ±241-LF
CONCRETE BULKHEAD
TO REMAIN

PROPOSED NEW 1094.2 SF DOCK &
(1) FREE-STANDING OPEN-BOTTOM BOATLIFT

OHWL @ FACE OF
CONCRETE BULKHEAD

NOTE:
EAST & WEST PROPERTY
STRUCTURES WILL NOT BE
AFFECTED BY SCOPE OF
WORK SEEKING PERMITS.



243970-0075 243970-0085 243970-0100

①
EJ FERULLO
1910 FABEN DR
MERCER ISLAND, WA 98040
243970-0105

JOB SITE
MARK HOUTCHENS
6024 SE 22ND ST
MERCER ISLAND, WA 98040
243970-0110

SE 20TH ST

FABEN DRIVE

TRVERSE LINE PER 1921 SURVEY

MEANDER LINE PER 1921 SURVEY
N 36°-02'-16" W 531.4'

②
ERIC DAHLBERG
6208 SE 22ND ST
MERCER ISLAND, WA 98040
243970-0807

243970-0120

544230-0806

544230-0796

544230-0900

243970-0124

243970-0122

544230-0805

544230-0765

544230-0925

243970-0123

90.86'
S 89°-55'-45" E

243970-0115

544230-0826

REVISED
12/07/2023

TO INCLUDE
PROPOSED BOATLIFT.

PROPOSED SITE PLAN

100' 50' 20' 0' 100'



SCALE: 1"=100'

PROJECT DESIGNED BY:

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REFERENCE #:

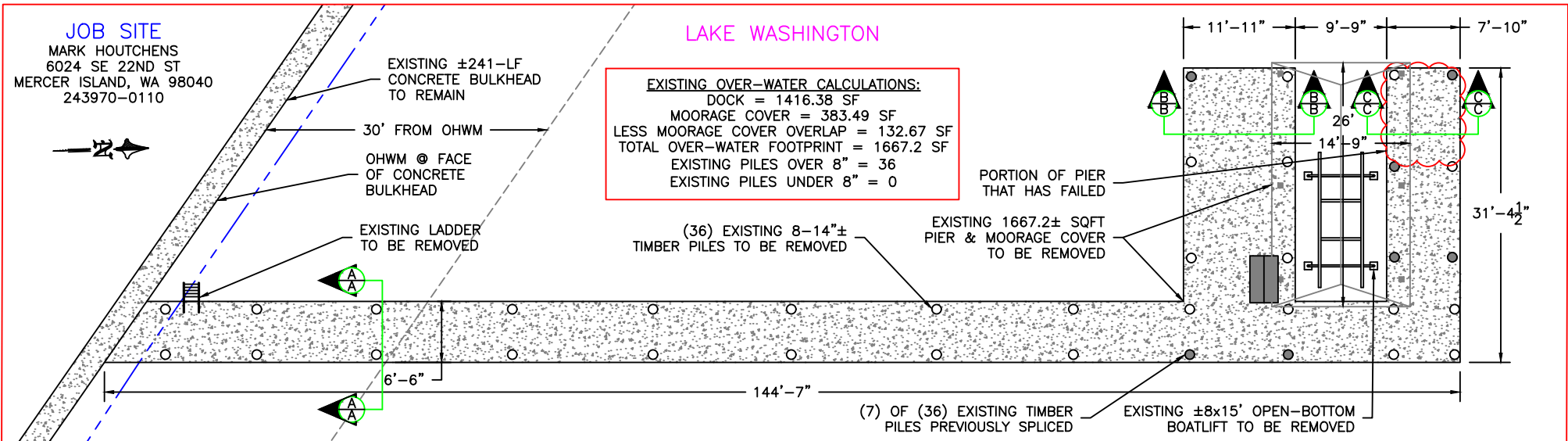
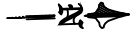
APPLICANT: MARK HOUTCHENS
6024 SE 22ND ST
MERCER ISLAND, WA 98040

PROPOSED: PIER REBUILD

SHEET: 3 OF: 13 NEAR/AT: MERCER ISLAND

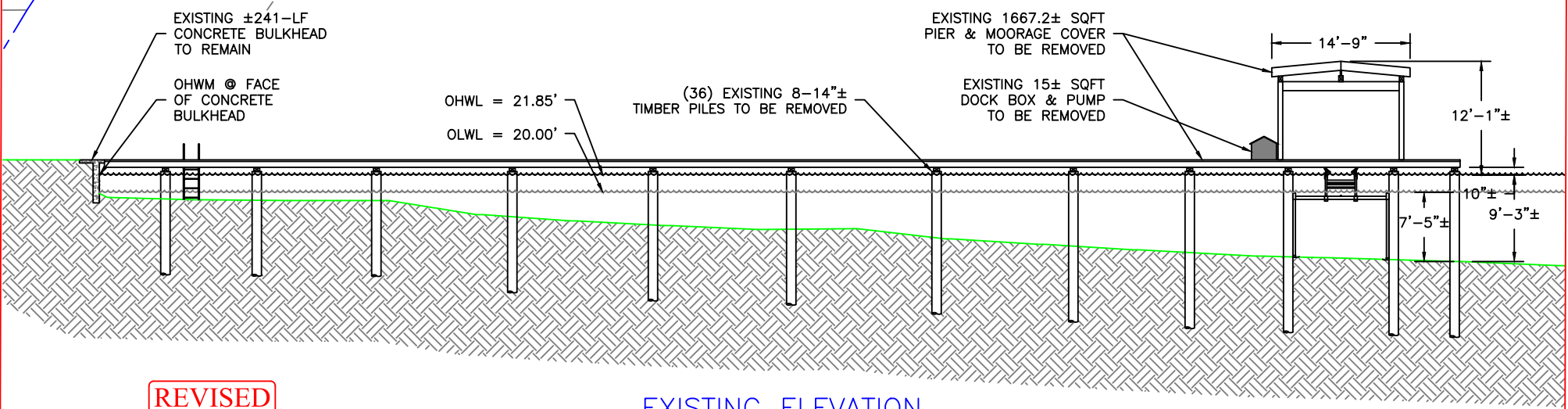
DATE: 11/3/2021 DWG#: 21-39001-A8-3

JOB SITE
 MARK HOUTCHENS
 6024 SE 22ND ST
 MERCER ISLAND, WA 98040
 243970-0110



EXISTING OVER-WATER CALCULATIONS:
 DOCK = 1416.38 SF
 MOORAGE COVER = 383.49 SF
 LESS MOORAGE COVER OVERLAP = 132.67 SF
 TOTAL OVER-WATER FOOTPRINT = 1667.2 SF
 EXISTING PILES OVER 8" = 36
 EXISTING PILES UNDER 8" = 0

EXISTING PLAN DETAIL VIEW
 SCALE: 1/16"=1'



EXISTING ELEVATION
 SCALE: 1/16"=1'

REVISED
 12/07/2023

TO INCLUDE
 PROPOSED BOATLIFT.

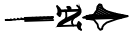
PROJECT DESIGNED BY:
 Waterfront Construction Inc.

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REFERENCE #:		
APPLICANT: MARK HOUTCHENS 6024 SE 22ND ST MERCER ISLAND, WA 98040		
PROPOSED: PIER REBUILD		
SHEET: 4	OF: 13	NEAR/AT: MERCER ISLAND
DATE: 11/3/2021	DWG#: 21-39001-A8-4	

JOB SITE

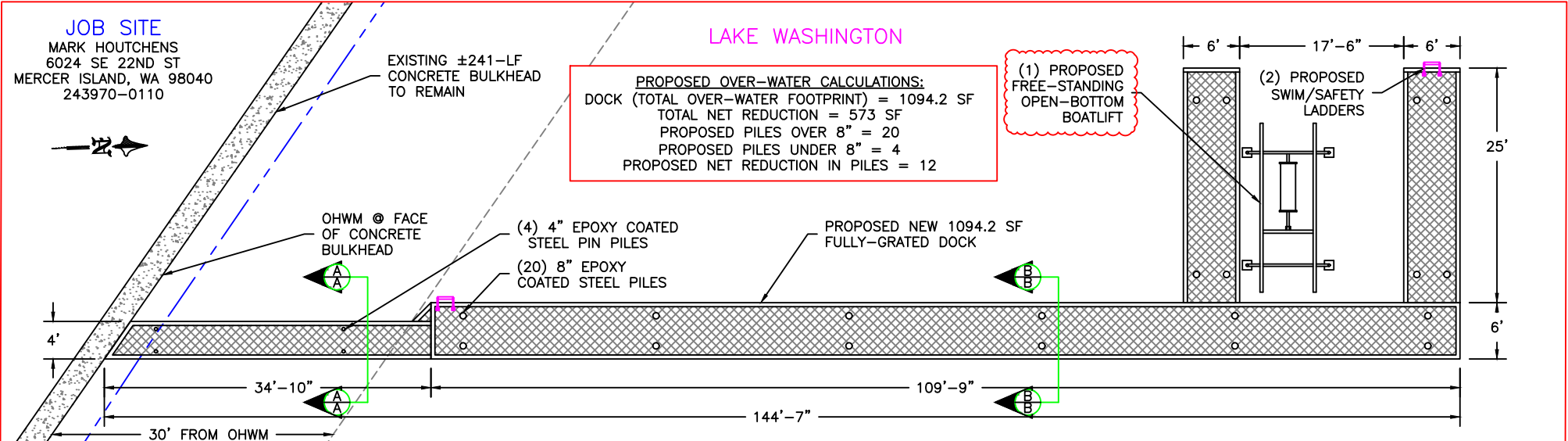
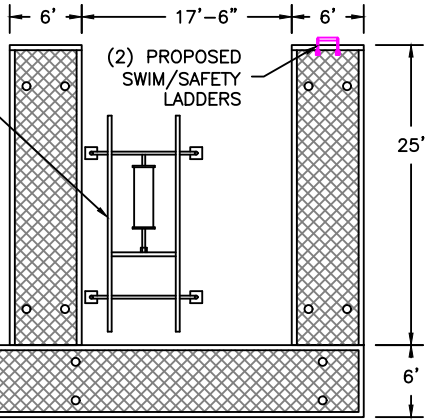
MARK HOUTCHENS
6024 SE 22ND ST
MERCER ISLAND, WA 98040
243970-0110



LAKE WASHINGTON

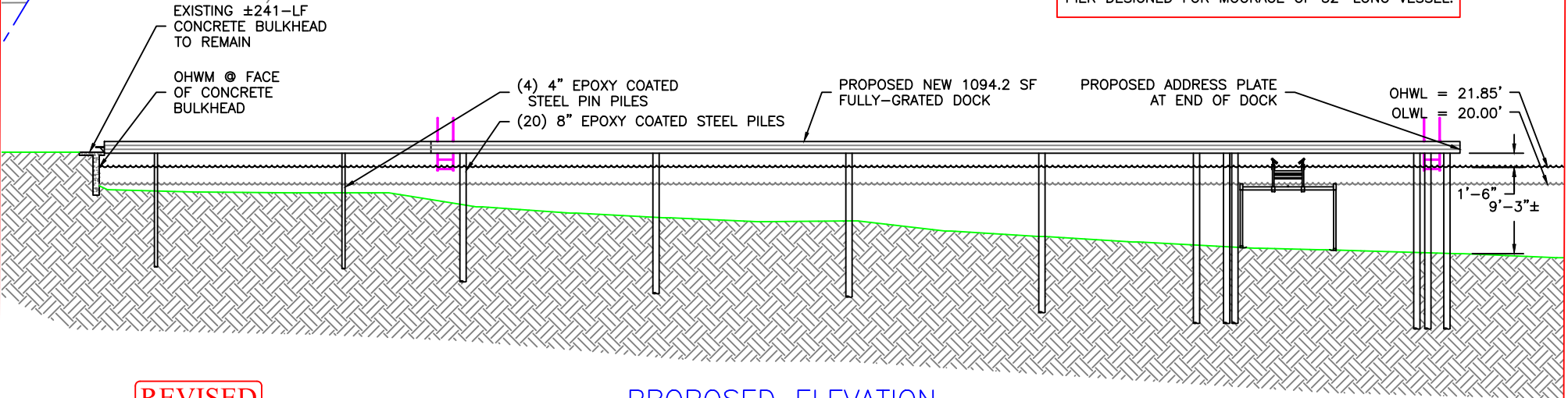
PROPOSED OVER-WATER CALCULATIONS:
DOCK (TOTAL OVER-WATER FOOTPRINT) = 1094.2 SF
TOTAL NET REDUCTION = 573 SF
PROPOSED PILES OVER 8" = 20
PROPOSED PILES UNDER 8" = 4
PROPOSED NET REDUCTION IN PILES = 12

(1) PROPOSED FREE-STANDING OPEN-BOTTOM BOATLIFT



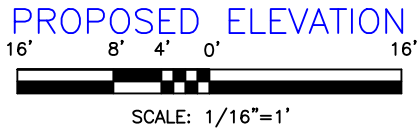
PROPOSED PLAN DETAIL VIEW
SCALE: 1/16"=1'

NOTE:
PIER DESIGNED FOR MOORAGE OF 52' LONG VESSEL.



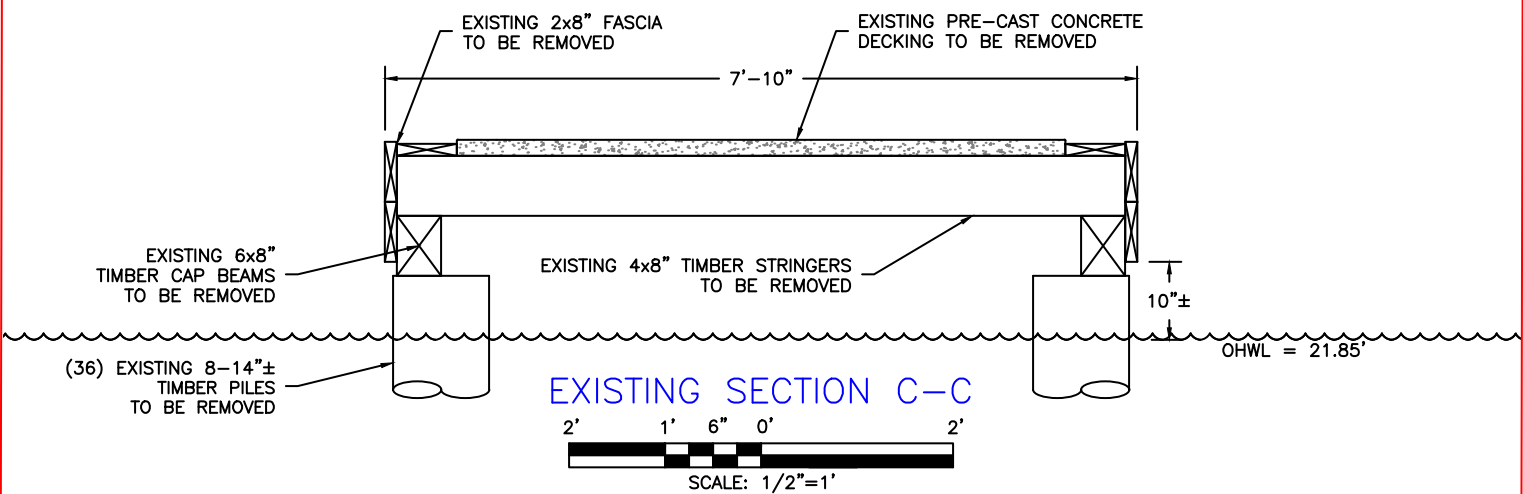
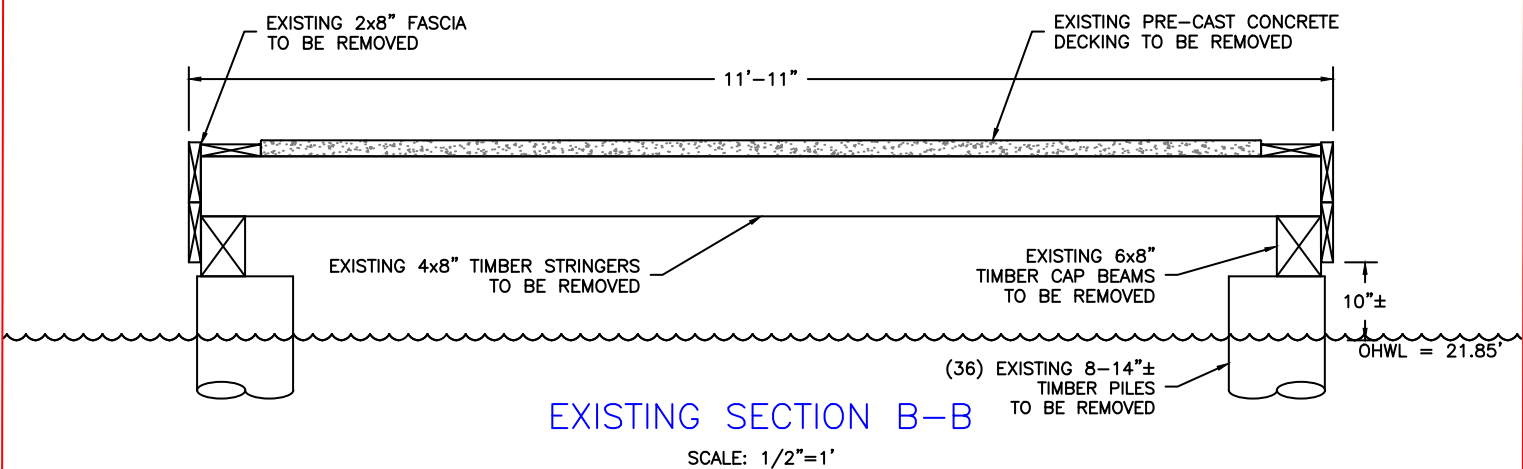
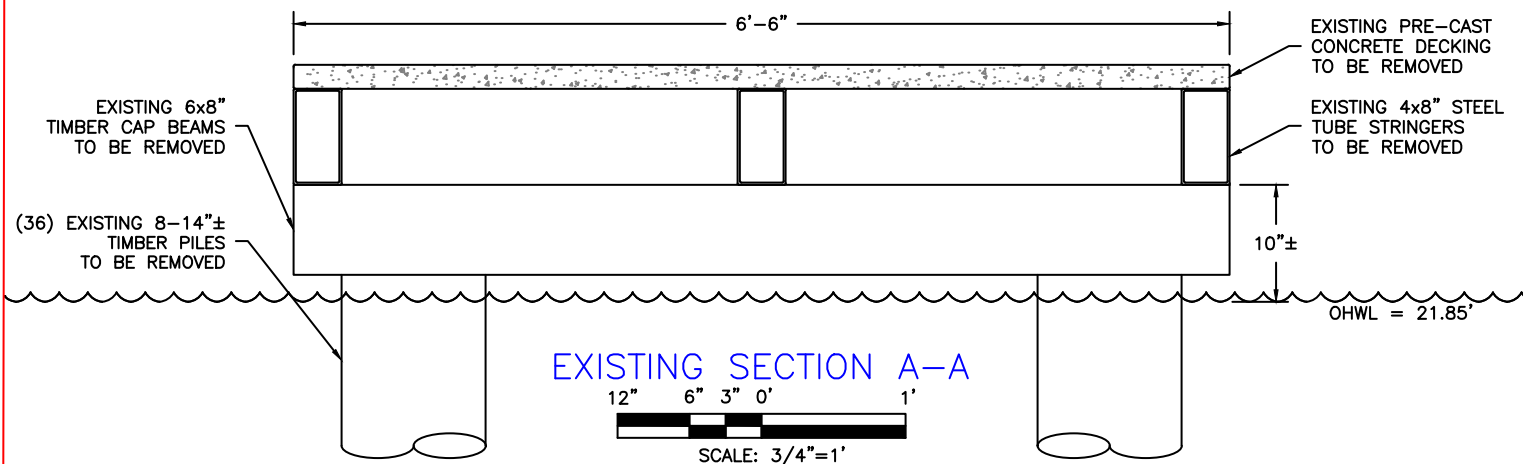
REVISED
12/07/2023

TO INCLUDE
PROPOSED BOATLIFT.



REFERENCE #:		
APPLICANT: MARK HOUTCHENS 6024 SE 22ND ST MERCER ISLAND, WA 98040		
PROPOSED: PIER REBUILD		
SHEET: 5	OF: 13	NEAR/AT: MERCER ISLAND
DATE: 11/3/2021	DWG#: 21-39001-A8-5	

PROJECT DESIGNED BY:
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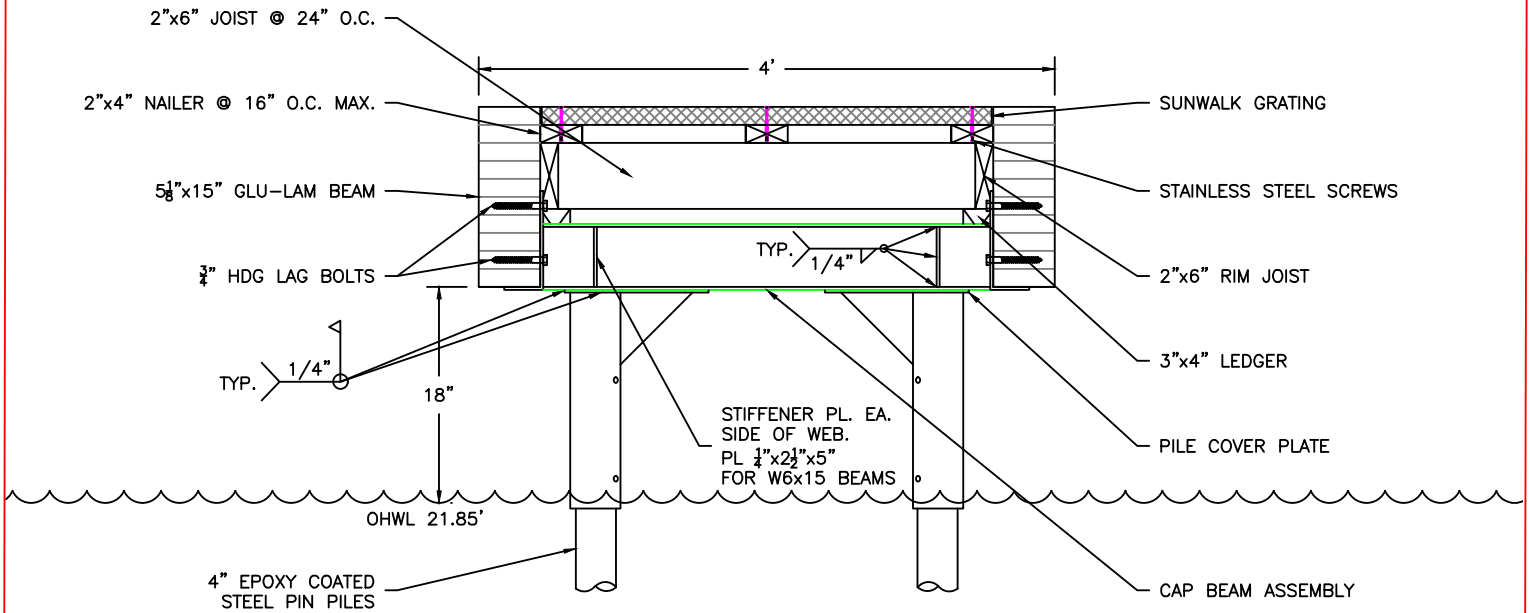


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REVISED
12/07/2023

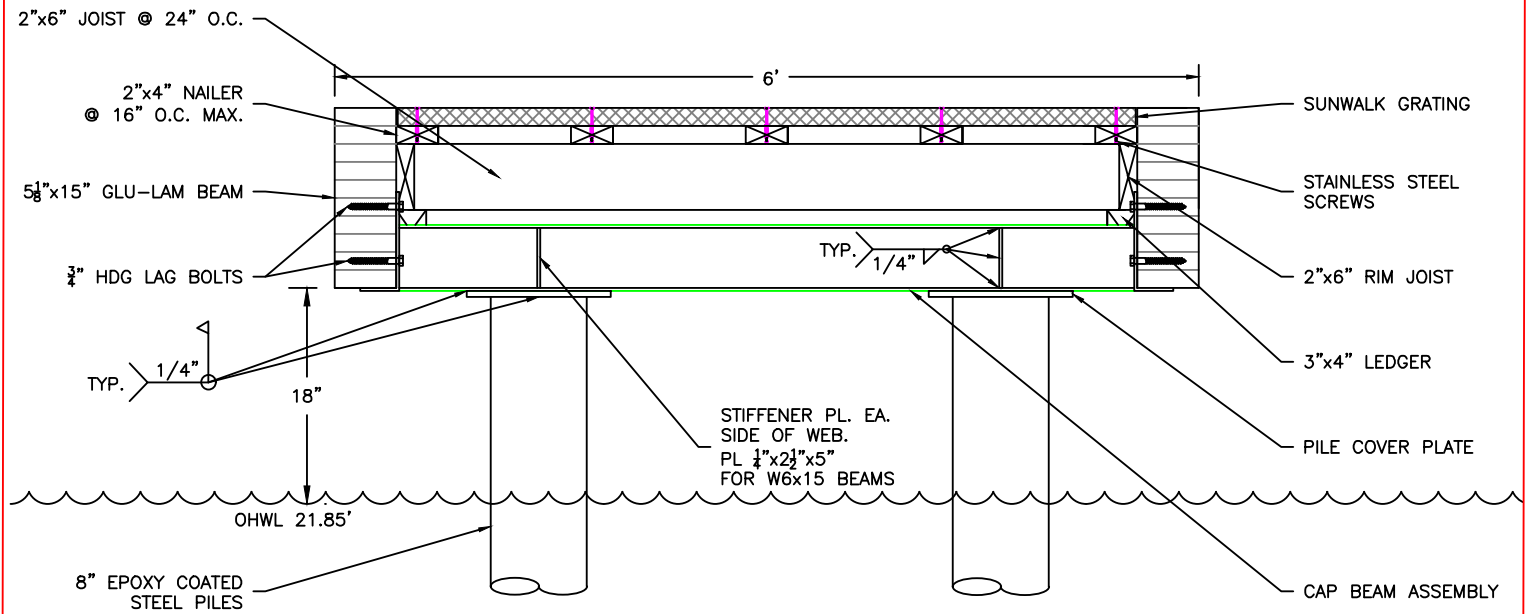
TO INCLUDE
 PROPOSED BOATLIFT.

REFERENCE #:		
APPLICANT: MARK HOUTCHENS 6024 SE 22ND ST MERCER ISLAND, WA 98040		
PROPOSED: PIER REBUILD		
SHEET: 6	OF: 13	NEAR/AT: MERCER ISLAND
DATE: 11/3/2021	DWG#: 21-39001-A8-6	

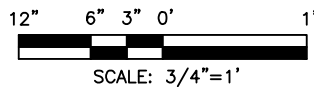


PROPOSED SECTION A-A

SCALE: 3/4"=1'



PROPOSED SECTION B-B



PROJECT DESIGNED BY:

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REVISED
12/07/2023

TO INCLUDE
PROPOSED BOATLIFT.

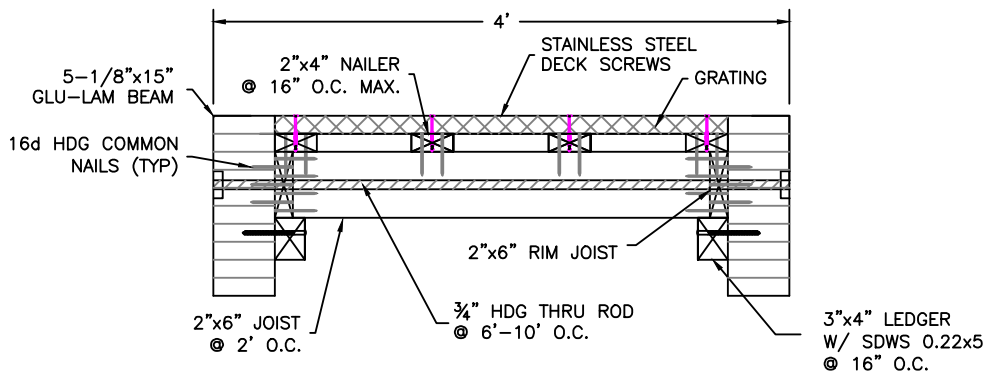
REFERENCE #:

APPLICANT: MARK HOUTCHENS
6024 SE 22ND ST
MERCER ISLAND, WA 98040

PROPOSED: PIER REBUILD

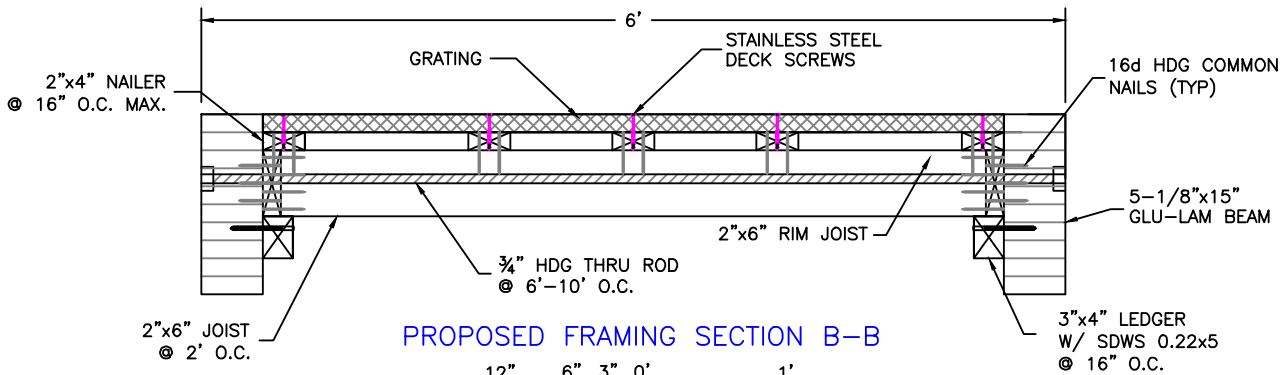
SHEET: 7 OF: 13 NEAR/AT: MERCER ISLAND

DATE: 11/3/2021 DWG#: 21-39001-A8-7

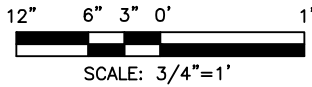


PROPOSED FRAMING SECTION A-A

SCALE: 3/4"=1'



PROPOSED FRAMING SECTION B-B



PROJECT DESIGNED BY:

Waterfront Construction Inc.

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REVISED
12/07/2023

TO INCLUDE
PROPOSED BOATLIFT.

REFERENCE #:

APPLICANT: MARK HOUTCHENS
6024 SE 22ND ST
MERCER ISLAND, WA 98040

PROPOSED: PIER REBUILD

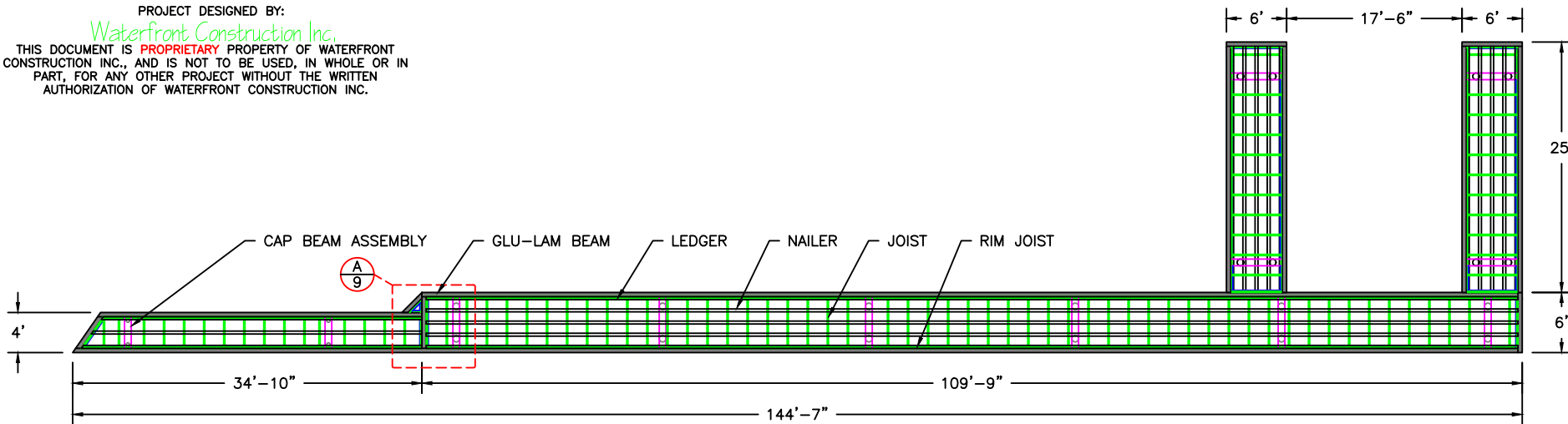
SHEET: 8 OF: 13 NEAR/AT: MERCER ISLAND

DATE: 11/3/2021 DWG#: 21-39001-A8-8

PROJECT DESIGNED BY:

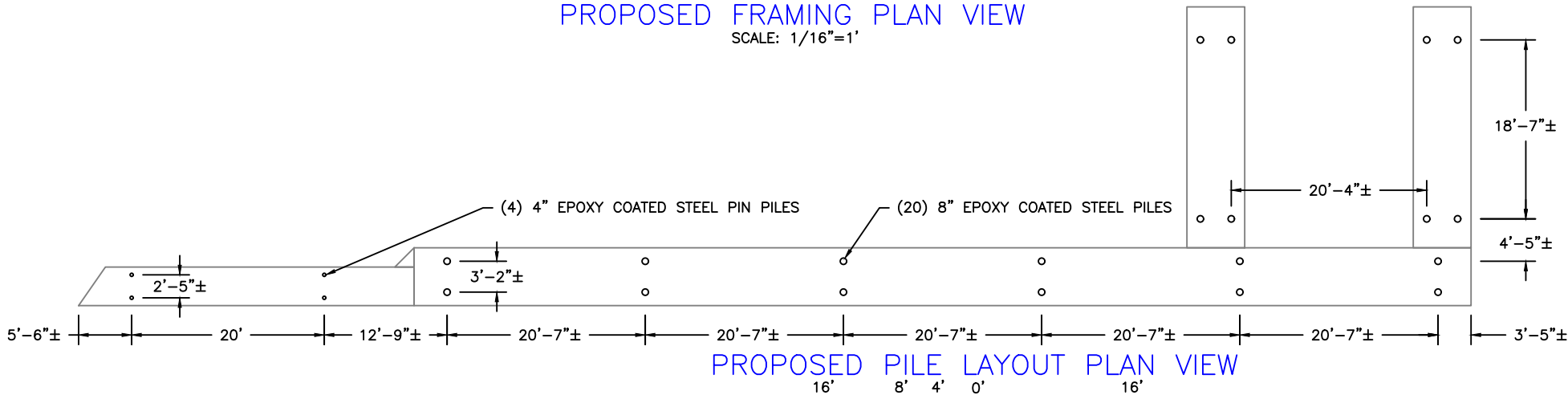
Waterfront Construction Inc.

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PROPOSED FRAMING PLAN VIEW

SCALE: 1/16"=1'



PROPOSED PILE LAYOUT PLAN VIEW

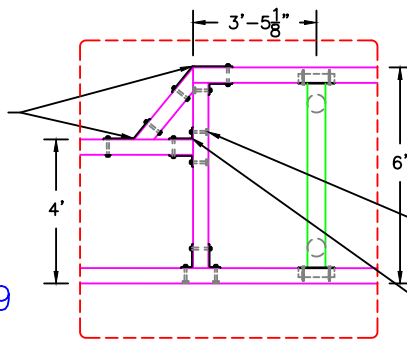
SCALE: 1/16"=1'

1/4" THICK x 8" DEEP STEEL PLATE (CONTRACTOR TO DETERMINE LENGTH OF PLATE), BENT AS SHOWN, ATTACH TO EACH BEAM WITH (2) 3/4" DIA. GALV. THRU-BOLTS W/ 2" DIA. GALV. WASHER. PROVIDE MIN. 5-1/2" BETWEEN BOLTS, PROVIDE MIN. 3" EDGE DISTANCE AT GLU-LAM BEAM, PROVIDE MIN. 1-1/2" EDGE DISTANCE AT STEEL PLATE.

TYPICAL GLU-LAM BEAM CONNECTION DETAIL A-9

4' 3' 2' 1' 0' 4'

SCALE: 3/16"=1'



(2) 3/4" DIA. GALV. THRU BOLTS W/ 2" DIA. GALV. WASHER, PROVIDE MIN. 3" EDGE DISTANCE AT GLU-LAM BEAM.

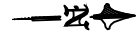
3/8"x4"x8"x8" LONG ANGLE BRACKET ON EACH SIDE OF GLU-LAM BEAM

REVISED
12/07/2023

TO INCLUDE PROPOSED BOATLIFT.

REFERENCE #:		
APPLICANT: MARK HOUTCHENS 6024 SE 22ND ST MERCER ISLAND, WA 98040		
PROPOSED: PIER REBUILD		
SHEET: 9	OF: 13	NEAR/AT: MERCER ISLAND
DATE: 11/3/2021	DWG#: 21-39001-A8-9	

JOB SITE
 MARK HOUTCHENS
 6024 SE 22ND ST
 MERCER ISLAND, WA 98040
 243970-0110



(2) PSEUDOTSUGA MENZIESII
 (DOUGLAS-FIR) TREES TO REMAIN

SHORELINE PER WCI AERIAL PHOTO
 02/08/2021 @ 10:30AM
 LAKE LEVEL = 20.04'

(5) PROPOSED SNOWBERRY BUSHES
 SYMPHORICARPOS ALBUS - FACU

TOTAL SQUARE FEET 0-25' FROM OHWM = 2635.5 SQFT
 TOTAL SQUARE FEET 25-50' FROM OHWM = 2624.2 SQFT

IMPERVIOUS SURFACE 0-25' = 21%
 IMPERVIOUS SURFACE 25-50' = 31%

1800.6 SQFT NON-IMPERVIOUS
 SURFACE WITHIN 25'-50'
 FROM OHWM

823.6 SQFT IMPERVIOUS SURFACE
 WITHIN 25'-50' FROM OHWM

EXISTING CABANA TO REMAIN

50' FROM OHWM

25' FROM OHWM

30' FROM OHWM

OHWM @ FACE
 OF CONCRETE
 BULKHEAD

FOOTPRINT OF
 PROPOSED PIER

LAKE WASHINGTON

REVISED
12/07/2023

TO INCLUDE
 PROPOSED BOATLIFT.

2066.9 SQFT NON-IMPERVIOUS
 SURFACE WITHIN 25' OF OHWM

568.6 SQFT IMPERVIOUS
 SURFACE WITHIN 25' OF OHWM

EAST ADJACENT PIER
 NO WORK PROPOSED

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**PROPOSED IMPERVIOUS
 SURFACE CALCULATION - PLAN VIEW**

20' 15' 10' 5' 0' 20'

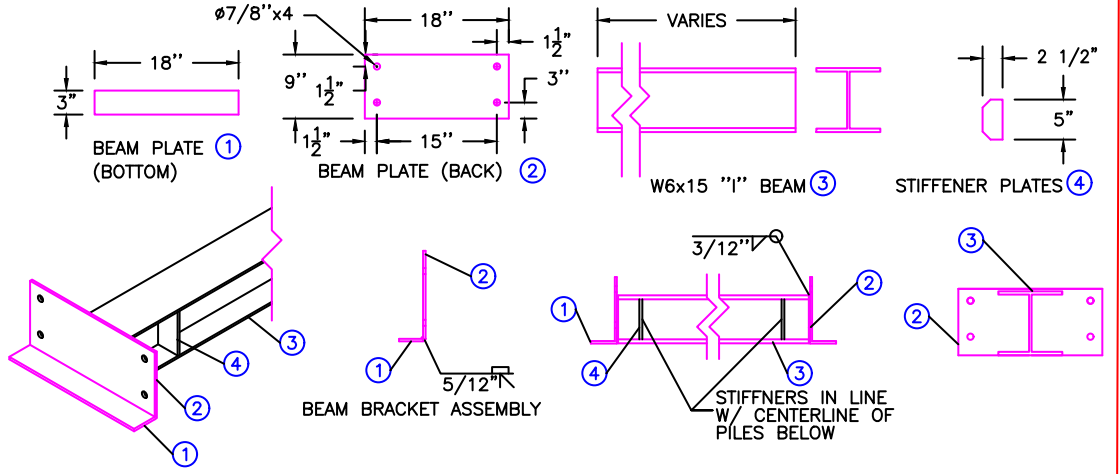


SCALE: 1"=20'

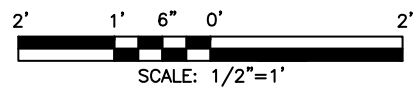
REFERENCE #:		
APPLICANT: MARK HOUTCHENS 6024 SE 22ND ST MERCER ISLAND, WA 98040		
PROPOSED: PIER REBUILD		
SHEET: 10	OF: 13	NEAR/AT: MERCER ISLAND
DATE: 11/3/2021	DWG#: 21-39001-A8-10	

MATERIAL LIST

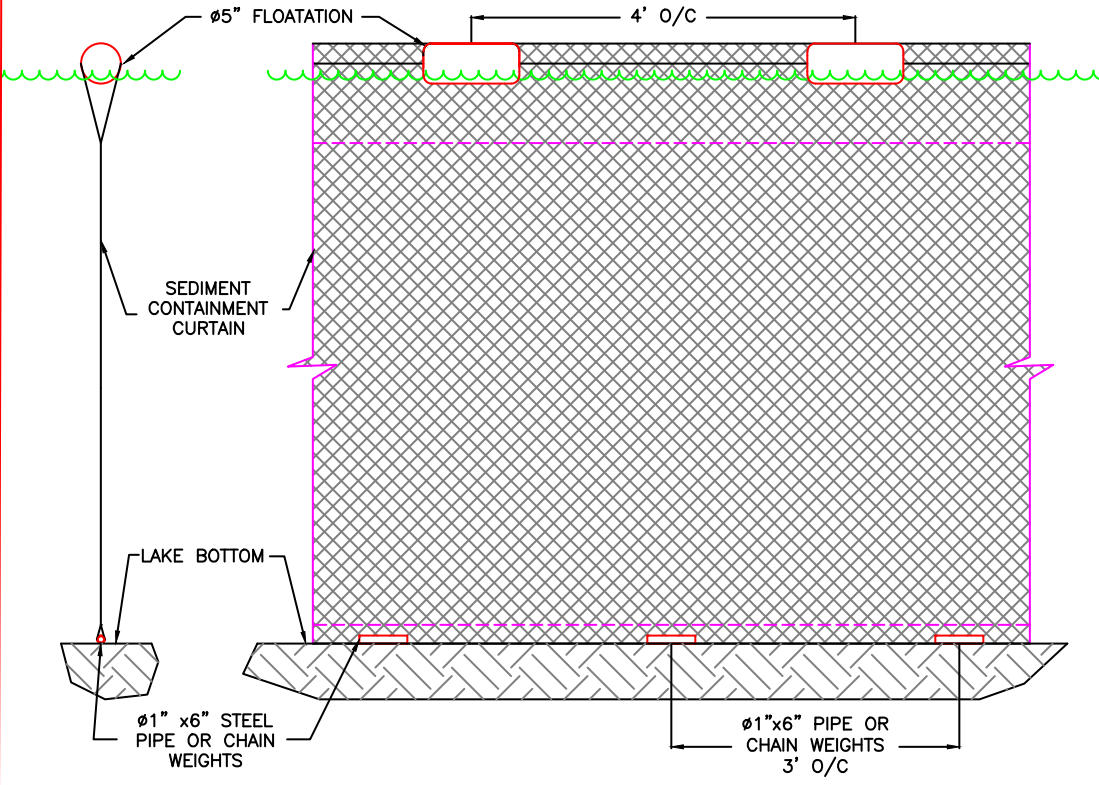
PART	SPECS	TREATMENT	QTY.
PILING	X-STRONG 4" & 8"	EPOXY	(24)
CAPS	W6x15 "I" BEAM	EPOXY	±71-LF
GLU-LAMS	5 1/8"x15" DF	ACZA	±424-LF
JOIST	2"x6" DF #2 OR BTR	ACZA	±473-LF
RIM JOIST	2"x6" DF #2 OR BTR	ACZA	±433-LF
NAILERS	2"x4" DF #2 OR BTR	ACZA	±1067-LF
LEDGERS	3"x4" DF #2 OR BTR	ACZA	±347-LF
GRATING	MOLDED PLASTIC	NONE	±1067-SF
HARDWARE	STEEL	STAINLESS OR HDG.	



STEEL CAP ASSEMBLY



PART #	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
4	STIFFENER PLATES	5"x2-1/2"x1/4" STEEL PLATE
3	W6x15 "I" BEAM	6" 15 LB PER FOOT I-BEAM
2	BACK BEAM PLATE	18"x9"x5/12" STEEL PLATE
1	BOTTOM BEAM PLATE	18"x3"x5/12" STEEL PLATE



TEMP. FLOATING SILT CONTAINMENT FENCE

SCALE: 1/2"=1'

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REVISED
 12/07/2023

TO INCLUDE PROPOSED BOATLIFT.

REFERENCE #:		
APPLICANT: MARK HOUTCHENS 6024 SE 22ND ST MERCER ISLAND, WA 98040		
PROPOSED: PIER REBUILD		
SHEET: 11	OF: 13	NEAR/AT: MERCER ISLAND
DATE: 11/3/2021	DWG#: 21-39001-A8-11	

STRUCTURAL NOTES

CODE:

THE INTERNATIONAL BUILDING CODE (IBC) 2018 EDITION AND THE 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC), WITH THE STATE OF WASHINGTON AMENDMENTS.

LIVE LOADS:

RESIDENTIAL PIER (NEW) 60 PSF

LATERAL LOADS (BASED ON ASCE 7):

WIND DESIGN DATA:

WIND SPEED 97 MPH
IMPORTANCE FACTOR 1
RISK CATEGORY II
EXPOSURE C
TOPOGRAPHICAL FACTOR 1

PILE INSTALLATION:

THE PILES SHALL BE DRIVEN TO REFUSAL USING A VIBRATOR OR DIESEL HAMMER. OUR DESIGN ASSUMES THAT THERE IS A LAYER OF SOFT SOIL BELOW THE MUDLINE THAT IS UP TO 20 FEET DEEP THAT IS UNDERLAIN BY DENSE SOIL THAT IS SUFFICIENT FOR BEARING. THE DEPTH OF THIS SOFT SOIL LAYER SHOULD BE MONITORED AND RECORDED TO CONFIRM THAT IT IS NOT MORE THAN 20 FEET THICK. NOTIFY ENGINEER IF THE SOFT SOIL LAYER IS MORE THAN 20 FEET THICK. THE PILES SHALL BE DRIVEN A MINIMUM OF 5 FEET INTO THE DENSE BEARING SOIL. THE DEPTH OF EMBEDMENT INTO THE DENSE BEARING SOIL SHOULD BE MONITORED AND RECORDED TO CONFIRM THAT THE MINIMUM EMBEDMENT IS ACHIEVED. IF THE MINIMUM EMBEDMENT INTO THE DENSE BEARING SOIL IS NOT REACHED, THEN OVERDRIVING OF THE PILES WILL BE NECESSARY.

STEEL PILING:

BEFORE WORK BEGINS, LOCATE ALL UNDERGROUND UTILITIES BY CONTACTING "CALL BEFORE YOU DIG" AT 1-800-424-5555 OR 811. HOWEVER, THIS SERVICE DOES NOT HAVE A COMPLETE DATABASE OF ALL OBSTRUCTIONS, THEREFORE OTHER LOCATING SERVICES MAY ALSO BE NECESSARY.

4" PILING SHALL BE X-STRONG ASTM A53, GRADE B Fy = 35,000 PSI.
8" PILING SHALL BE X-STRONG ASTM A252, GRADE "3" Fy = 45,000 PSI.

CORROSION PROTECTION FOR PILES TO BE DETERMINED BY CONTRACTOR.

STRUCTURAL & MISCELLANEOUS STEEL:

WIDE-FLANGE BEAMS ASTM A992 Fy = 50,000 PSI. CHANNELS, ANGLES, AND PLATES ASTM A36 Fy = 36,000 PSI. PIPE COLUMNS ASTM A53 GRADE "B" Fy = 35,000 PSI. STEEL TUBES ASTM A500, GRADE "C" Fy = 50,000 PSI. ALL FABRICATION & ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AISC "STEEL CONSTRUCTION MANUAL"

ALL WELDS SHALL BE 3/16" MINIMUM CONTINUOUS FILLET WELDS USING AWS D1.1 CLASS E70 ELECTRODES UNLESS NOTED OTHERWISE. ALL WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED BY WABO.

ALL STEEL SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123. REPAIR ALL SCRAPES, DINGS, WELDS, ETC., IN ACCORDANCE WITH ASTM A780.

STEEL BOLTS:

ALL BOLTS AND THREADED RODS SHALL BE ASTM A307 HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153-CLASS C UNLESS NOTED OTHERWISE. GALVANIZED BOLTS SHOULD BE INSTALLED IN STANDARD SIZE HOLES UNLESS NOTED OTHERWISE. OVERSIZED HOLES ARE PERMITTED FOR ANCHOR BOLTS IN COLUMN BASE PLATES.

ALL BOLTS NOT SPECIFIED AS SLIP CRITICAL ARE TO BE ASSEMBLED "SNUG TIGHT" MEANING FULL EFFORT USING A STANDARD HAND-HELD WRENCH OR A FEW IMPACTS OF AN IMPACT WRENCH AFTER FINGER TIGHTENING.

SCREWS INSTALLED IN WOOD:

SCREWS FOR INSTALLATION IN WOOD SHALL BE MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY, IN ACCORDANCE WITH ICC-ES REPORT ESR-2236 AND IAPMO UES REPORT #192. THE SCREW DIAMETERS AND LENGTHS ARE AS FOLLOWS:
SDWS22 (0.22" DIAMETER, LENGTHS: 3" TO 10")

SDWS22 SCREWS HAVE PROPRIETARY CORROSION-RESISTANT COATINGS EQUIVALENT TO ASTM A153-CLASS D AND ARE INTENDED TO BE USED WHERE EXPOSED TO WEATHER OR IN CONTACT WITH MOST PRESSURE TREATED WOOD. EQUIVALENT SCREWS BY OTHER MANUFACTURERS MAY BE SUBSTITUTED PROVIDED THEY HAVE ICC-ES APPROVAL FOR EQUAL LOAD CAPACITIES AND CORROSION RESISTANCE.

PROJECT DESIGNED BY:

Waterfront Construction Inc.

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REVISED
12/07/2023

TO INCLUDE
PROPOSED BOATLIFT.

REFERENCE #:

APPLICANT: MARK HOUTCHENS
6024 SE 22ND ST
MERCER ISLAND, WA 98040

PROPOSED: PIER REBUILD

SHEET: 12 OF: 13 NEAR/AT: MERCER ISLAND
DATE: 11/3/2021 DWG#: 21-39001-AB-12

STRUCTURAL NOTES, CONTINUED

STRUCTURAL LUMBER:

ALL LUMBER SHALL BE GRADED IN ACCORDANCE WITH CURRENT WWPA STANDARD GRADING RULES FOR WESTERN LUMBER. USE THE FOLLOWING SPECIES AND MINIMUM GRADE:

JOISTS, LEDGERS, AND NAILERS D.F.-L #1 Fb=1,000 PSI

GLUED LAMINATED LUMBER:

DOUGLAS FIR-LARCH GRADE 24F-V4 (Fb=2400 PSI) FOR SINGLE SPAN BEAMS. ALL GLULAM MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AITC A190.1 AND BE STAMPED WITH AN AITC QUALITY MARK OR AN APA-EWS TRADEMARK. ADHESIVES USED IN THE GLULAM MANUFACTURING PROCESS SHALL CONFORM TO AITC 405 FOR WET USE ADHESIVES. GLULAM MEMBERS SHALL BE MANUFACTURED FROM DOUGLAS FIR LAMINATING LUMBER. ALL BEAMS SHALL HAVE ZERO CAMBER UNLESS NOTED OTHERWISE. MEMBERS NOT EXPOSED TO VIEW IN THE COMPLETED WORK SHALL BE INDUSTRIAL APPEARANCE GRADE. MEMBERS EXPOSED TO VIEW IN THE COMPLETED WORK SHALL BE ARCHITECTURAL APPEARANCE GRADE.

WOOD FOR OVER-WATER AND IN-WATER:

ALL WOOD PARTIALLY OR FULLY SUBMERGED IN WATER SHALL BE TREATED WITH AMMONIACAL COPPER ZINC ARSENATE (ACZA), EXCEPT WHEN WOOD IS IN STATE-OWNED AQUATIC LANDS (SOAL) MANAGED BY THE DEPARTMENT OF NATURAL RESOURCES (DNR) WHERE TREATMENT TO WOOD IN WATER/IN SPLASH ZONE IS PROHIBITED. ALL WOOD INSTALLED ABOVE WATER (WHERE CLEARLY OUT OF THE SPLASH ZONE) SHALL BE TREATED WITH AMMONIACAL COPPER ZINC ARSENATE (ACZA). WOOD TREATED WITH PENTACHLOROPHENOL, CREOSOTE, CHROMATE COPPER ARSENATE (CCA), OR COMPARABLY TOXIC COMPOUNDS IS PROHIBITED FOR PIERS, DOCKS, AND PILING.

WOOD SHALL BE TREATED IN ACCORDANCE WITH AWPA STANDARD U1. USE THE FOLLOWING MINIMUM AWPA USE CATEGORIES:

WOOD OVER WATER: UC4B
WOOD IN WATER: UC4C

TREAT CUT ENDS OF AND HOLES IN TREATED WOOD WITH SAFECOAT'S DYNOSEAL OR SEAL-IT-GREEN XTREME PLANT BASED STAIN.

MISCELLANEOUS:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. REPETITIVE FEATURES MAY BE DRAWN OR CALLED OUT ONCE, BUT SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL. ALL WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INDUSTRY STANDARDS. PROVIDE TEMPORARY BRACING AS REQUIRED UNTIL ALL PERMANENT CONNECTIONS AND STIFFENINGS HAVE BEEN INSTALLED.

SAFETY:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION, TEMPORARY BRACING, SHORING, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES IN CONNECTION WITH THE WORK.

THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITION ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

THE REQUIRED AND/OR IMPLIED DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF CONTRACTOR'S PERFORMANCE DOES NOT, AND IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN ON OR NEAR THE CONSTRUCTION SITE.



THE ENGINEERING SEAL ON THESE DRAWINGS REPRESENTS THE FOLLOWING LIMITED SCOPE OF STRUCTURAL ENGINEERING DESIGN:

- THE PIER'S FRAMING MEMBERS; GLUE-LAMINATED BEAMS AND JOIST.
- PILES FOR LATERAL LOADS DUE TO ANTICIPATED MOORAGE OF 52' LONG VESSEL.

DESIGN IS IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE WITH WASHINGTON STATE AMENDMENTS. OUR SCOPE OF WORK DOES NOT INCLUDE THE DESIGN OF THE CONNECTIONS, GRATING, BULKHEAD, UPLAND STRUCTURES, ETC.

THE SITE INFORMATION, DIMENSIONS, AND PLAN LAYOUT HAVE BEEN PROVIDED TO US BY WATERFRONT CONSTRUCTION, INC.

PACIFIC ENGINEERING JOB NUMBER: 22187.00

PROJECT DESIGNED BY:

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