

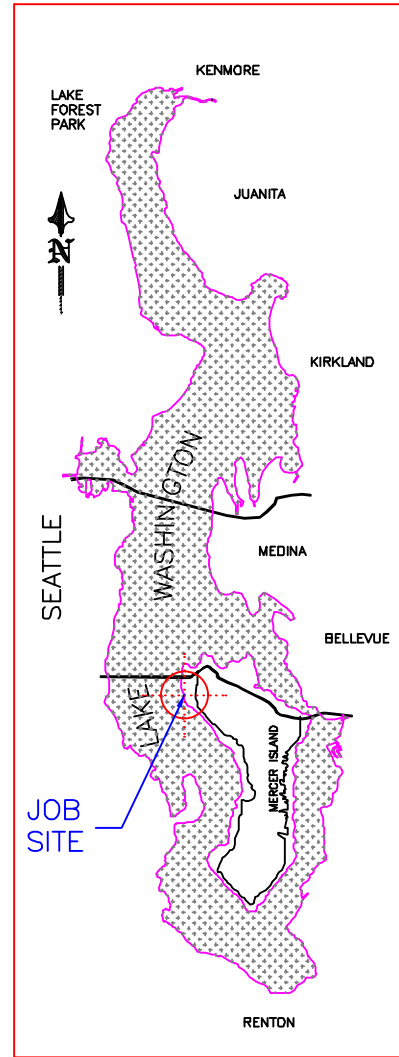
VICINITY MAP/NO SCALE

LEGAL DESCRIPTION

SECTION: NE-11-24-4 LAT: 47.583370 (47° 35' 0.132" N)
 TAXLOT #: 217450-0100 LONG: -122.252240 (122° 15' 8.064" W)

EAST SEATTLE ADD LOT 1 & SH LDS ADJ MERCER ISLAND SHORT PLAT
 NO 83-09-32 REC NO 8403019001 SD SHORT PLAT DAF - LOTS
 19-20-21 & 22 BLK 1 SD ADD & VAC ST ADJ

NOTE:
 PREVIOUS PERMITS INDICATE LEGAL NONCONFORMANCE.



AREA MAP/NO SCALE

PROJECT DESIGNED BY:
Waterfront Construction Inc.
 THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT
 CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN
 PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN
 AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REVISED
03/28/2023

PER STRUCTURAL CALCS;
 SHEETS 15 & 16.

ADJACENT OWNERS:

- ① GARFIELD LANDING
 CITY OF MERCER ISLAND
 MERCER ISLAND, WA 98040
- ② ALMA HOLDINGS, LLC
 3019 60TH AVE SE
 MERCER ISLAND, WA 98040

APPLICATION#:

PROPOSED: PIER REPAIR

PURPOSE: RESTORE PIER INTEGRITY

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

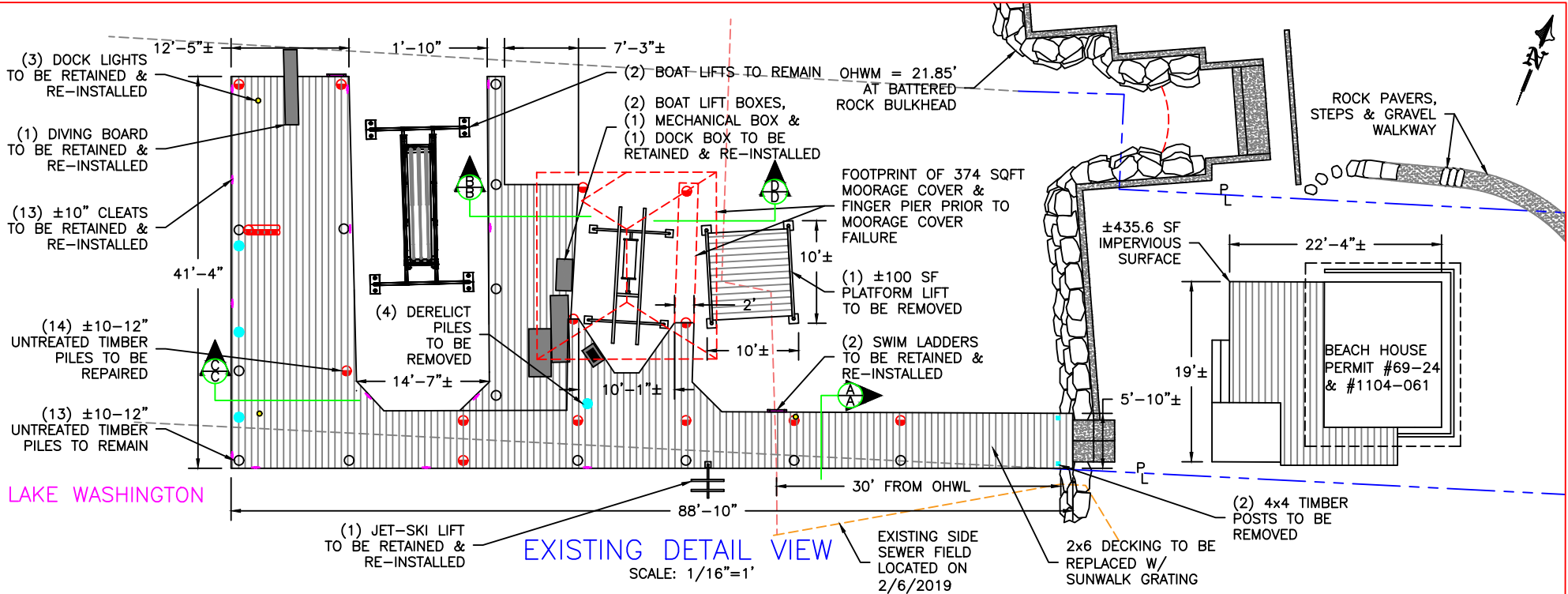
DWG#: 19-31042-A15-1

APPLICANT: DOUGLAS ROSEN

SITE ADD. 5995 SE 30TH STREET
 MERCER ISLAND, WA 98040

MAIL ADD. 5995 SE 30TH STREET
 MERCER ISLAND, WA 98040

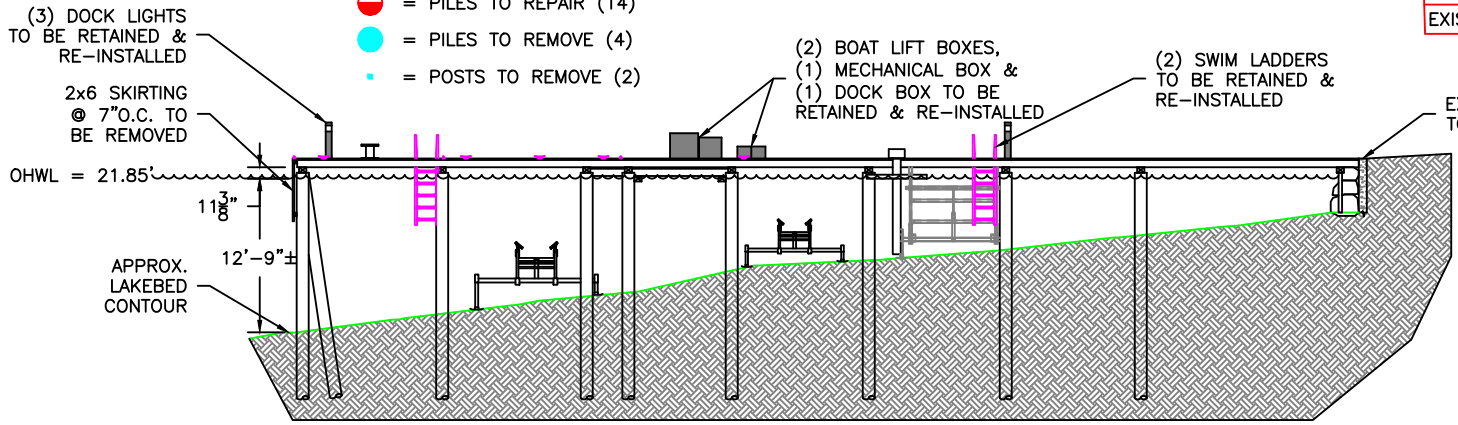
PAGE: 1 OF: 18 DATE: 2-7-2020



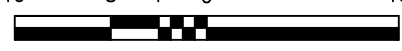
EXISTING DETAIL VIEW
SCALE: 1/16"=1'

EXISTING SQUARE FOOTAGE = 1340 SQFT
EXISTING TIMBER PILES/POSTS = 33

- = PILES TO REMAIN (13)
- = PILES TO REPAIR (14)
- = PILES TO REMOVE (4)
- = POSTS TO REMOVE (2)



EXISTING ELEVATION VIEW



SCALE: 1/16"=1'

JOB SITE
DOUGLAS & DEBORAH ROSEN
5995 SE 30TH ST
MERCER ISLAND, WA 98040
217450-0100

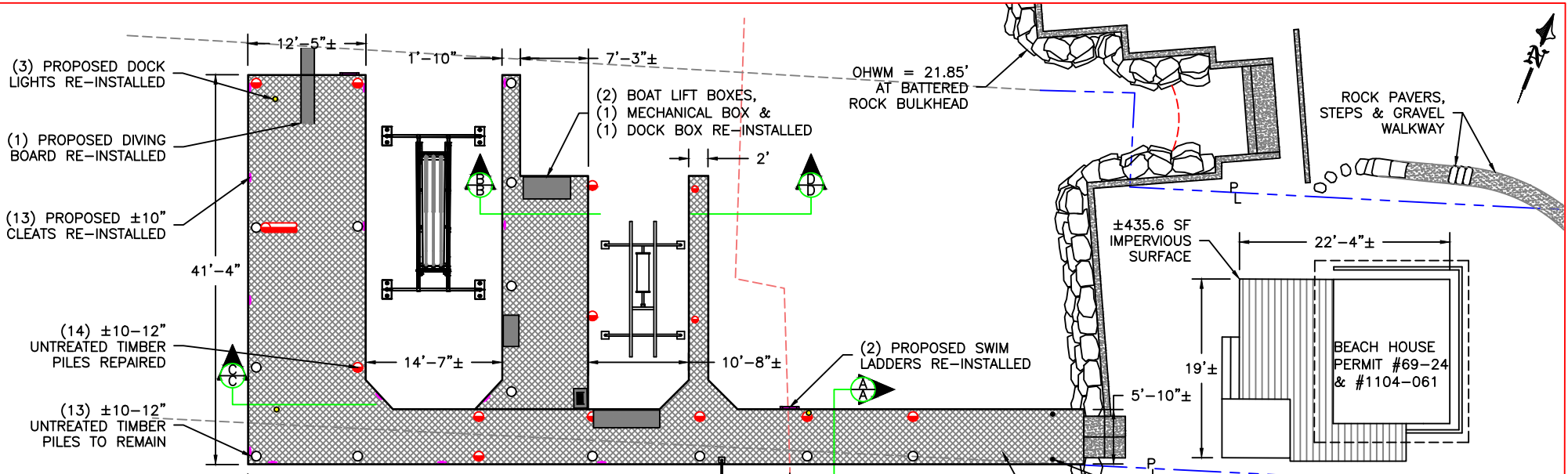
REVISED
03/28/2023

PER STRUCTURAL CALCS;
SHEETS 15 & 16.

PROJECT DESIGNED BY:
Waterfront Construction Inc.
THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

SEE SHEETS 9-16 FOR PILE REPAIR DETAILS.
SEE SHEETS 9-10 FOR SUBSTRUCTURE REPAIR DETAILS.

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 3	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020		DWG#: 19-31042-A15-3



LAKE WASHINGTON

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

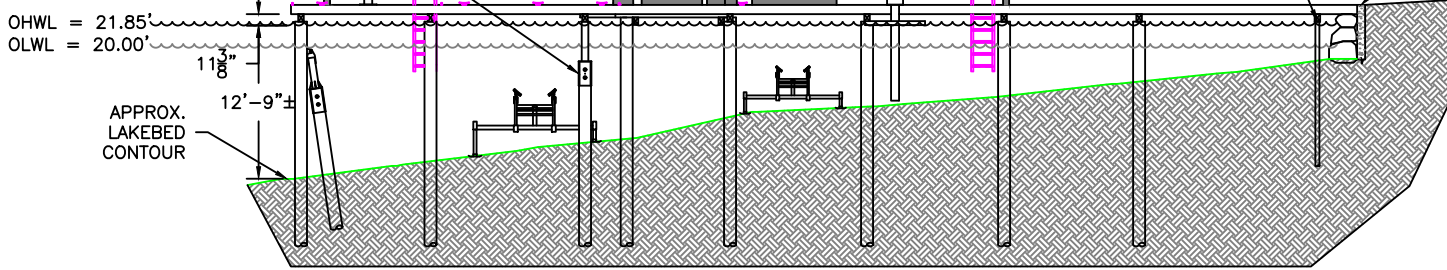
PROPOSED SQUARE FOOTAGE = 1269
NOTE: 71 SQFT REDUCTION. 2 PILE REDUCTION.

- (14) ±10-12" UNTREATED TIMBER PILES REPAIRED
- (3) DOCK LIGHTS TO BE RETAINED & RE-INSTALLED

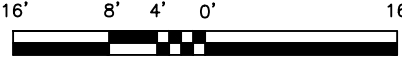
- = PILES TO REMAIN (13)
- = PILES REPAIRED (14)
- = NEW PIN PILES (2)

- (2) BOAT LIFT BOXES, (1) MECHANICAL BOX & (1) DOCK BOX RE-INSTALLED
- (2) SWIM LADDERS TO BE RETAINED & RE-INSTALLED
- (2) PROPOSED NEW 4" PIN PILES

EXISTING BULKHEAD TO REMAIN AS IS



PROPOSED ELEVATION VIEW



SCALE: 1/16"=1'

JOB SITE
DOUGLAS & DEBORAH ROSEN
5995 SE 30TH ST
MERCER ISLAND, WA 98040
217450-0100

REVISED
03/28/2023

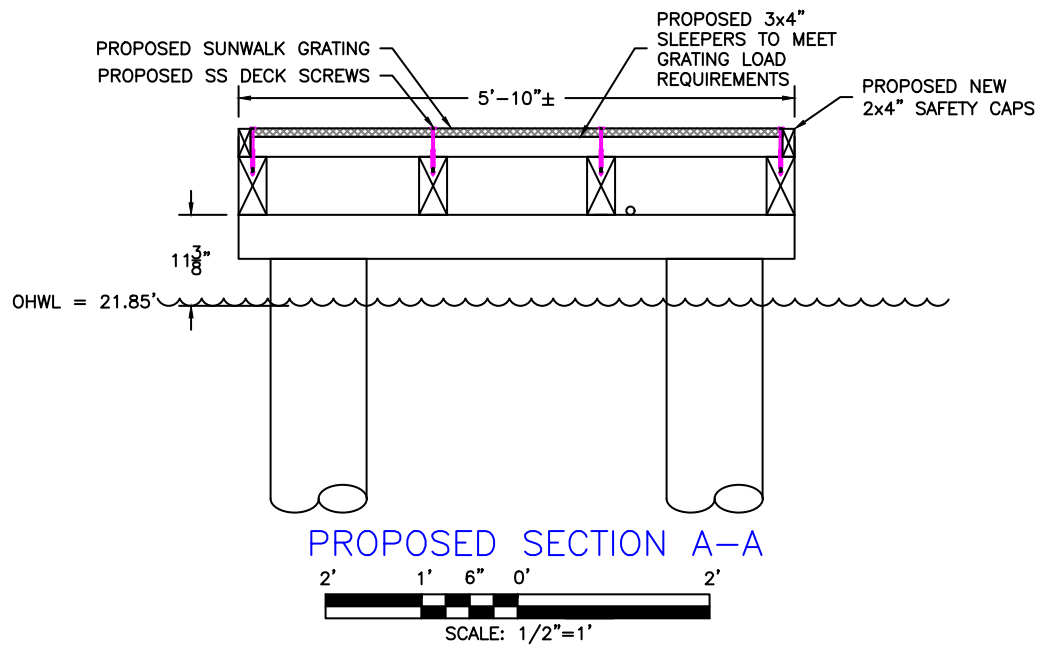
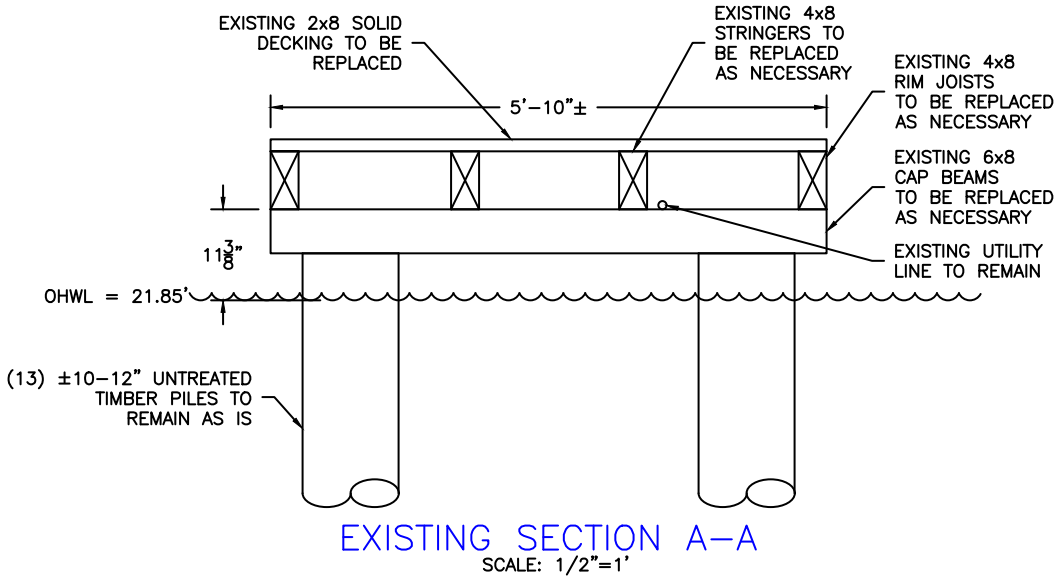
PER STRUCTURAL CALCS; SHEETS 15 & 16.

PROJECT DESIGNED BY:
Waterfront Construction Inc.

THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

SEE SHEETS 9-16 FOR PILE REPAIR DETAILS.
SEE SHEETS 9-10 FOR SUBSTRUCTURE REPAIR DETAILS.

REFERENCE #:	
APPLICANT: DOUGLAS ROSEN	
PROPOSED: PIER REPAIR	
SHEET: 4	OF: 18
DATE: 2-7-2020	NEAR/AT: MERCER ISLAND
	DWG#: 19-31042-A15-4

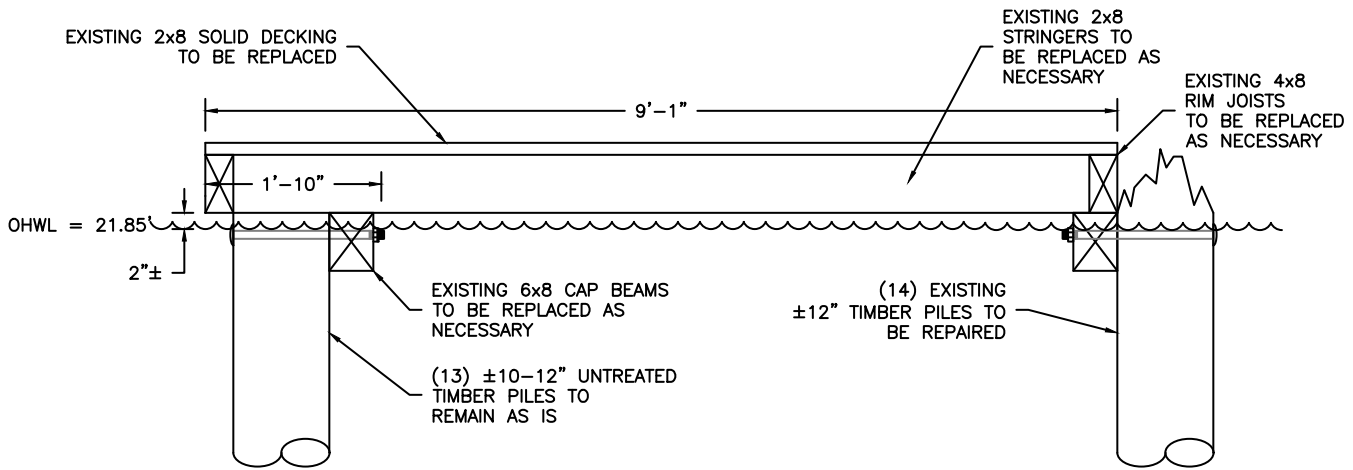


SEE SHEETS 9-16 FOR PILE REPAIR DETAILS.
SEE SHEETS 9-10 FOR SUBSTRUCTURE REPAIR DETAILS.

PROJECT DESIGNED BY:
Waterfront Construction Inc.
THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

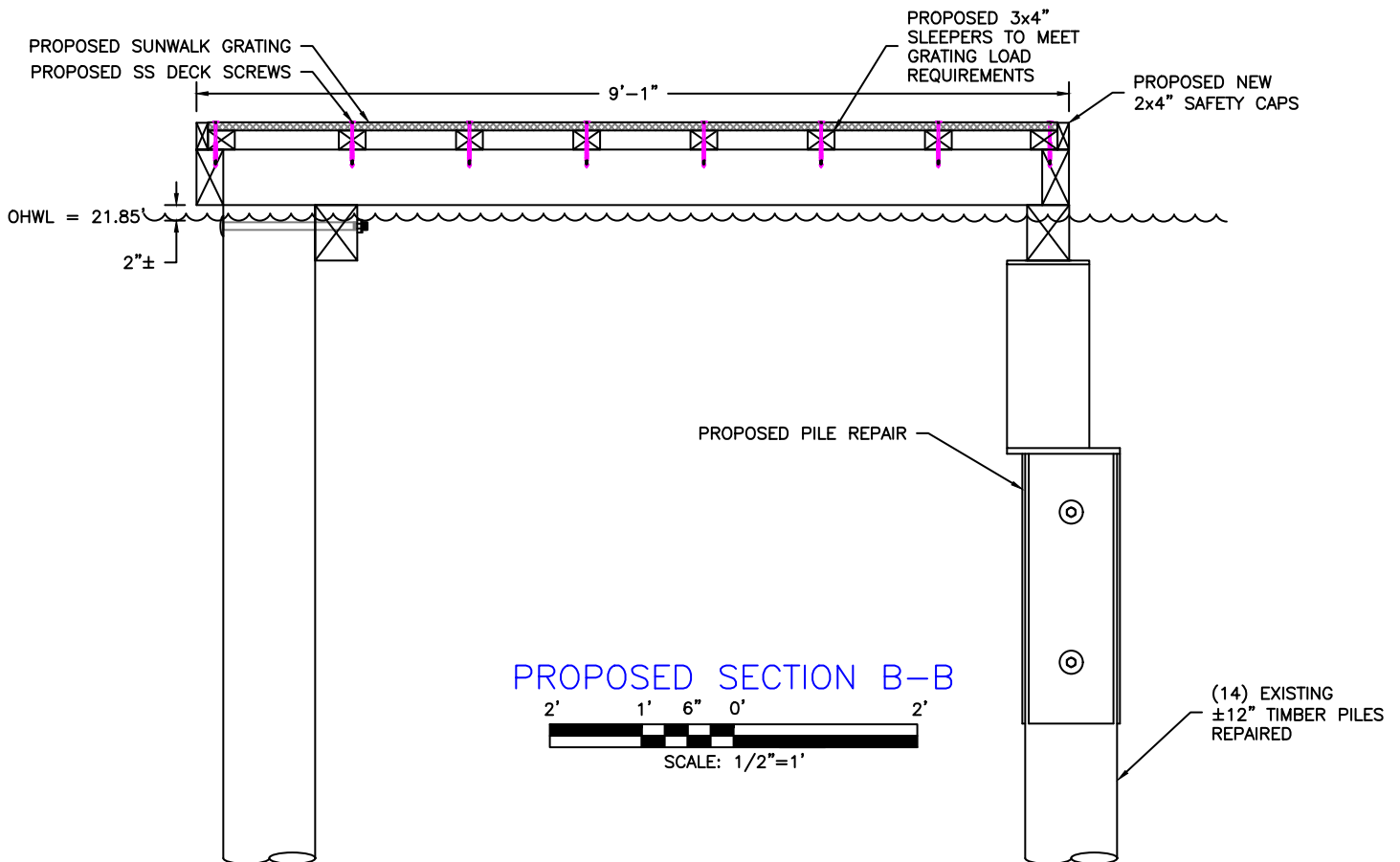
REVISED
03/28/2023
PER STRUCTURAL CALCS;
SHEETS 15 & 16.

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 5	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-5	



EXISTING SECTION B-B
SCALE: 1/2"=1'

SEE SHEETS 9-16 FOR PILE REPAIR DETAILS.
SEE SHEETS 9-10 FOR SUBSTRUCTURE REPAIR DETAILS.



PROPOSED SECTION B-B
SCALE: 1/2"=1'

PROJECT DESIGNED BY:

Waterfront Construction Inc.

THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REVISED
03/28/2023

PER STRUCTURAL CALCS;
SHEETS 15 & 16.

REFERENCE #:

APPLICANT: DOUGLAS ROSEN

PROPOSED: PIER REPAIR

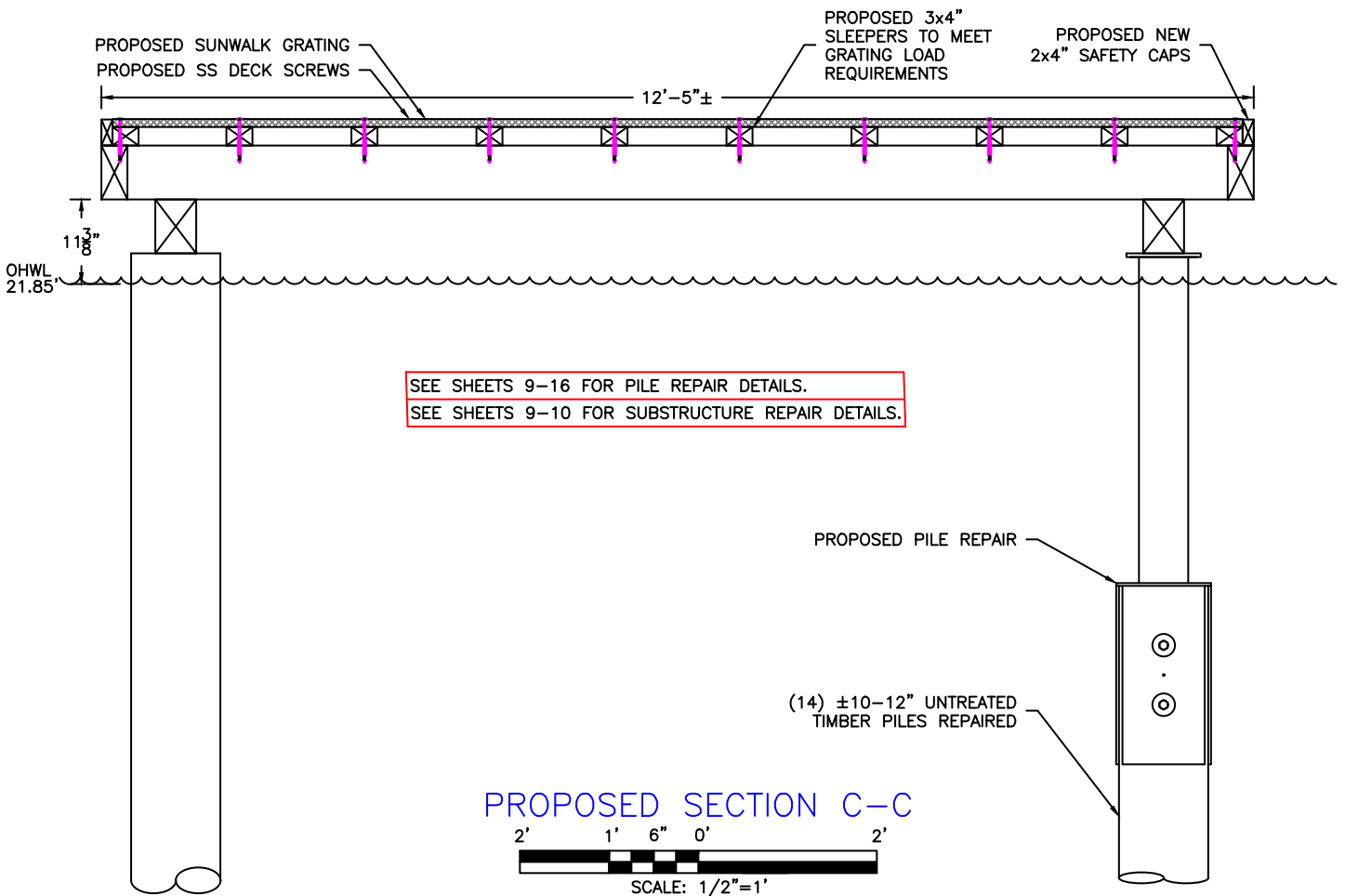
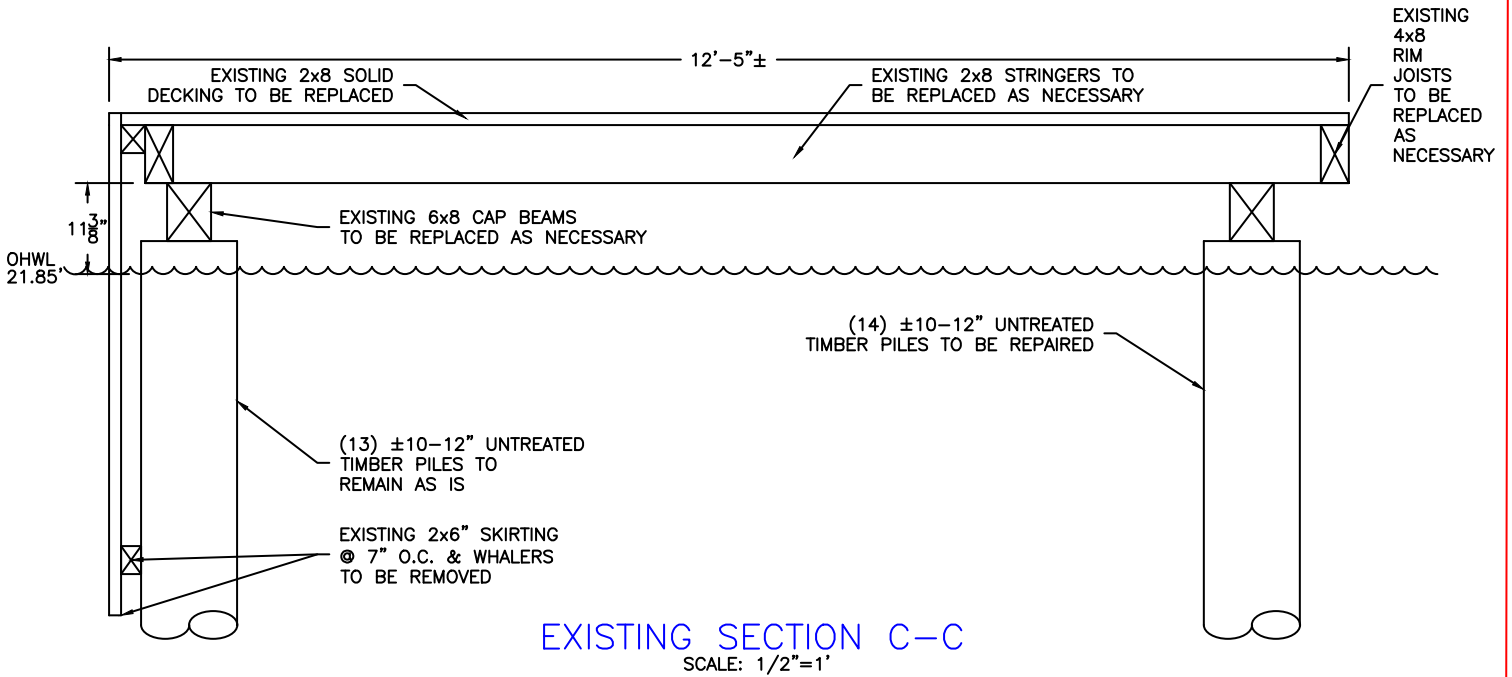
SHEET: 6

OF: 18

NEAR/AT: MERCER ISLAND

DATE: 2-7-2020

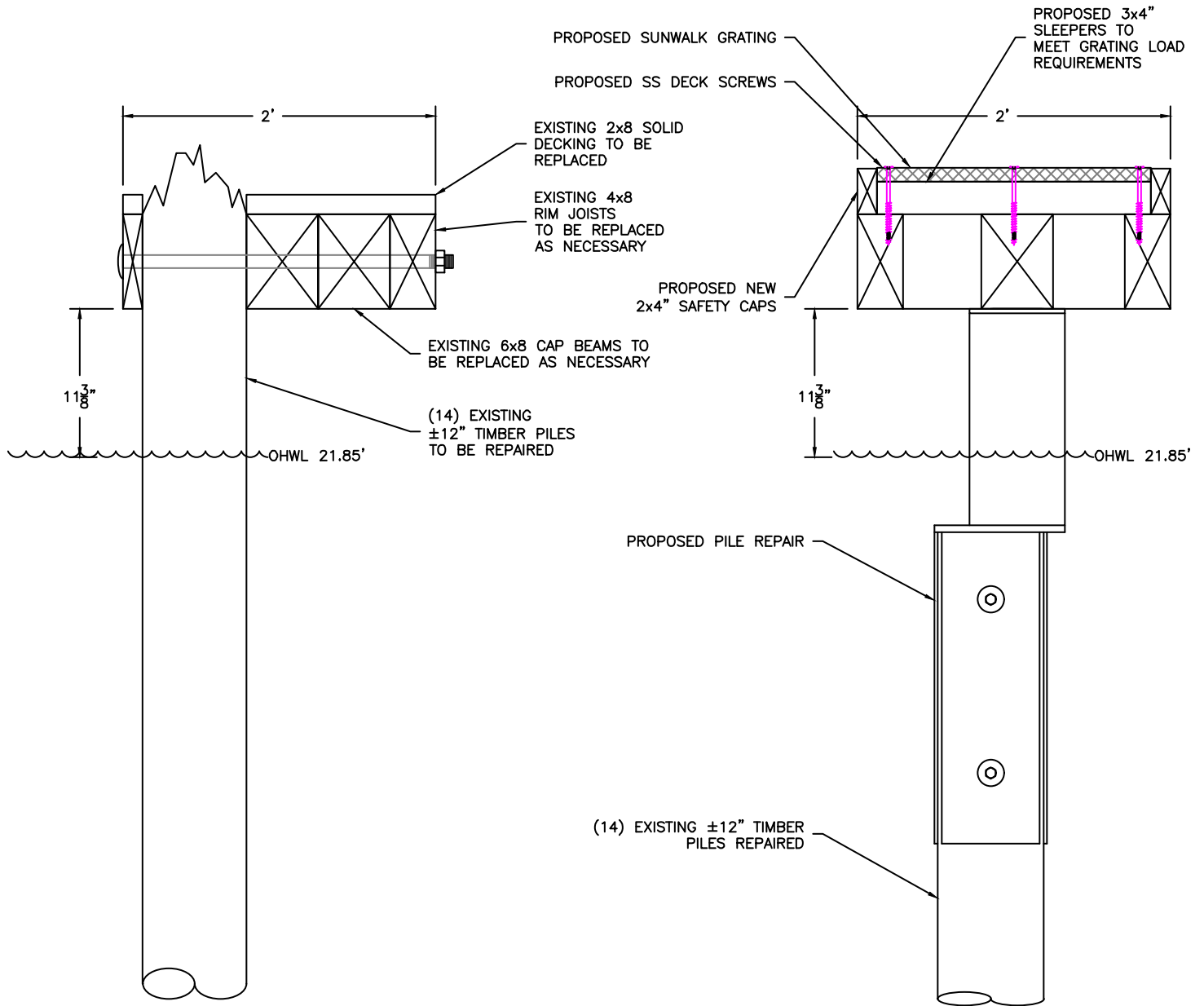
DWG#: 19-31042-A15-6



PROJECT DESIGNED BY:
Waterfront Construction Inc.
THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REVISED
03/28/2023
PER STRUCTURAL CALCS;
SHEETS 15 & 16.

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 7	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-7	

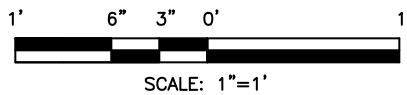


EXISTING SECTION D-D

SCALE: 1"=1'

PROPOSED SECTION D-D

SCALE: 1"=1'

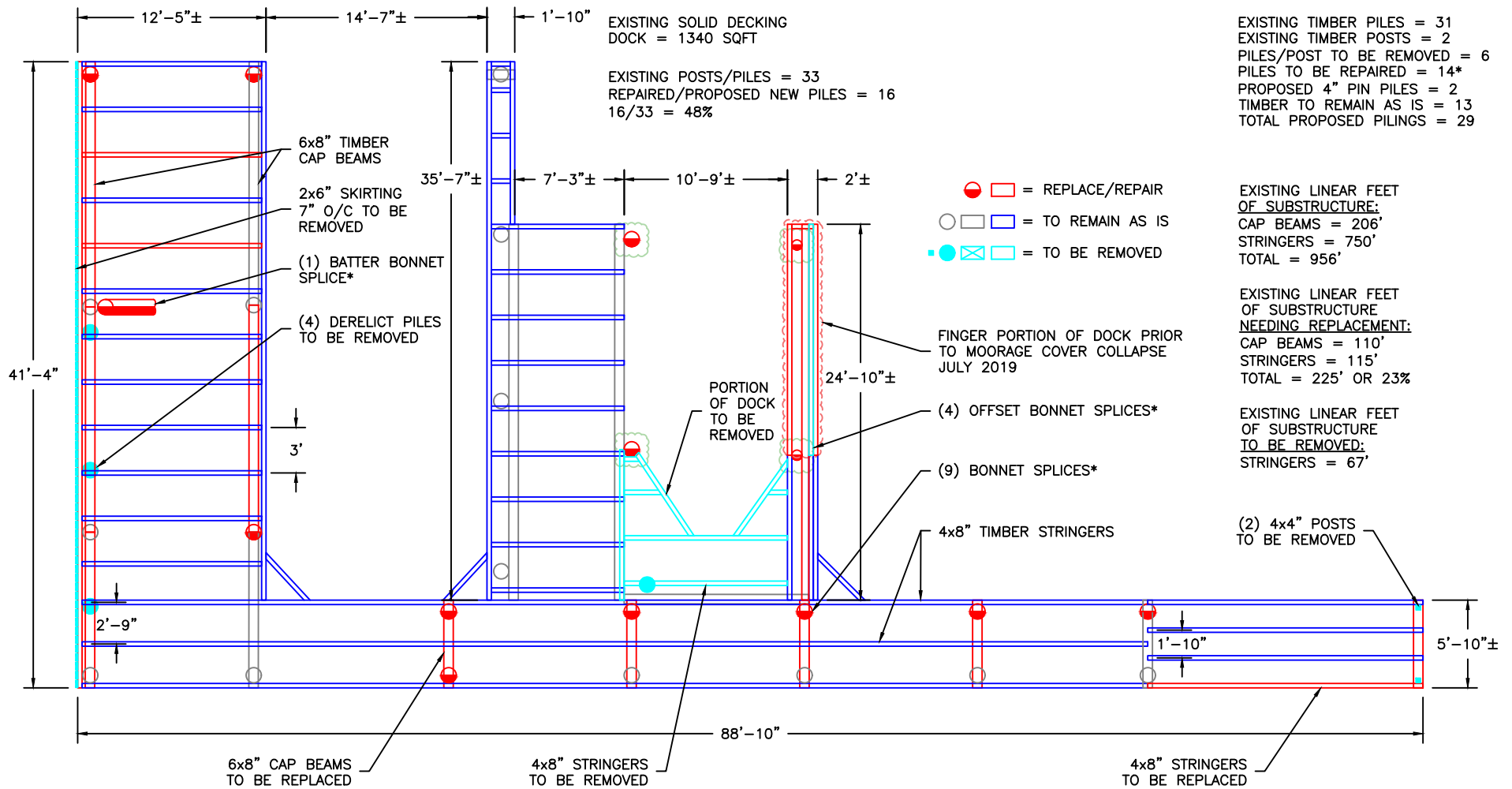


SEE SHEETS 9-16 FOR PILE REPAIR DETAILS.
SEE SHEETS 9-10 FOR SUBSTRUCTURE REPAIR DETAILS.

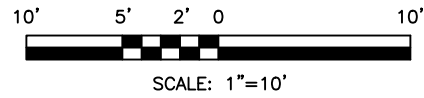
PROJECT DESIGNED BY:
Waterfront Construction Inc.
THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REVISED
03/28/2023
PER STRUCTURAL CALCS;
SHEETS 15 & 16.

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 8	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-8	



EXISTING FRAMING DETAIL PLAN VIEW

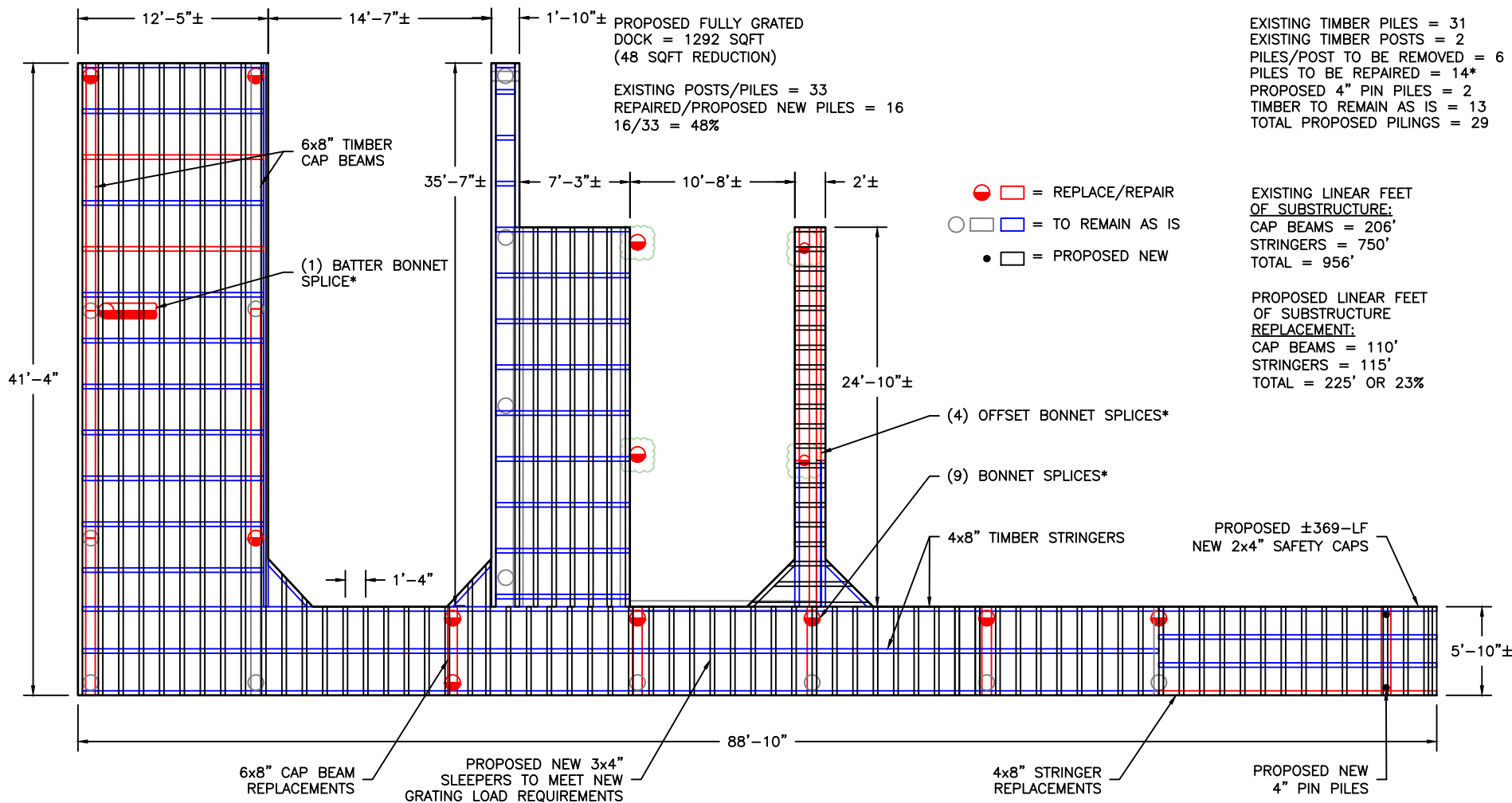


PROJECT DESIGNED BY:
Waterfront Construction Inc.
THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REVISED
03/28/2023

PER STRUCTURAL CALCS;
SHEETS 15 & 16.

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 9	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-9	



PROPOSED FULLY GRATED DOCK = 1292 SQFT (48 SQFT REDUCTION)
 EXISTING POSTS/PILES = 33
 REPAIRED/PROPOSED NEW PILES = 16
 16/33 = 48%

EXISTING TIMBER PILES = 31
 EXISTING TIMBER POSTS = 2
 PILES/POST TO BE REMOVED = 6
 PILES TO BE REPAIRED = 14*
 PROPOSED 4" PIN PILES = 2
 TIMBER TO REMAIN AS IS = 13
 TOTAL PROPOSED PILING = 29

EXISTING LINEAR FEET OF SUBSTRUCTURE:
 CAP BEAMS = 206'
 STRINGERS = 750'
 TOTAL = 956'

PROPOSED LINEAR FEET OF SUBSTRUCTURE REPLACEMENT:
 CAP BEAMS = 110'
 STRINGERS = 115'
 TOTAL = 225' OR 23%

- □ = REPLACE/REPAIR
- □ = TO REMAIN AS IS
- □ = PROPOSED NEW

PROPOSED FRAMING DETAIL PLAN VIEW



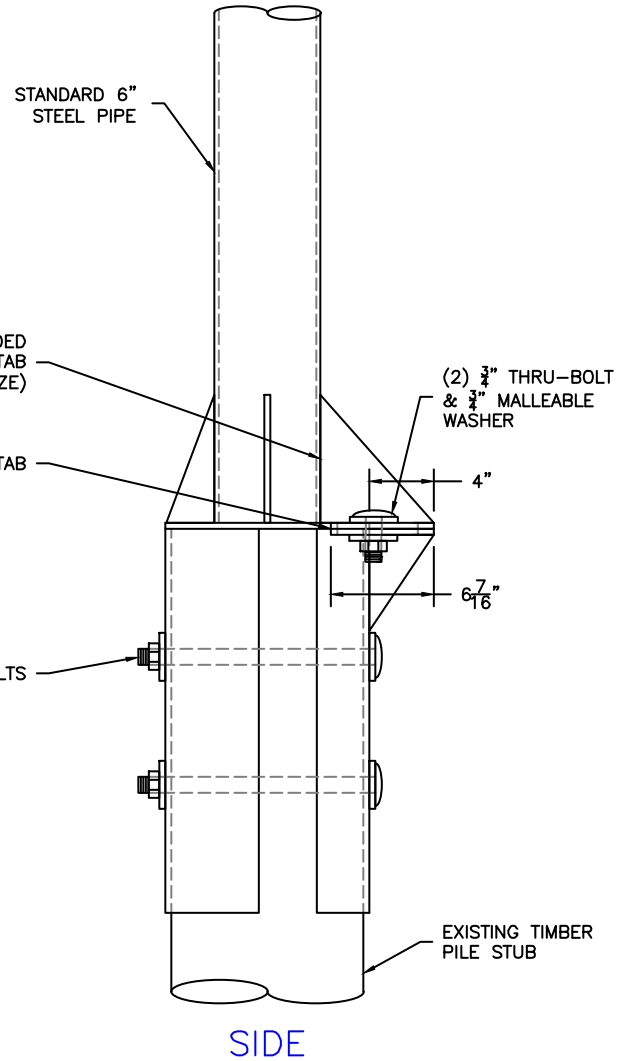
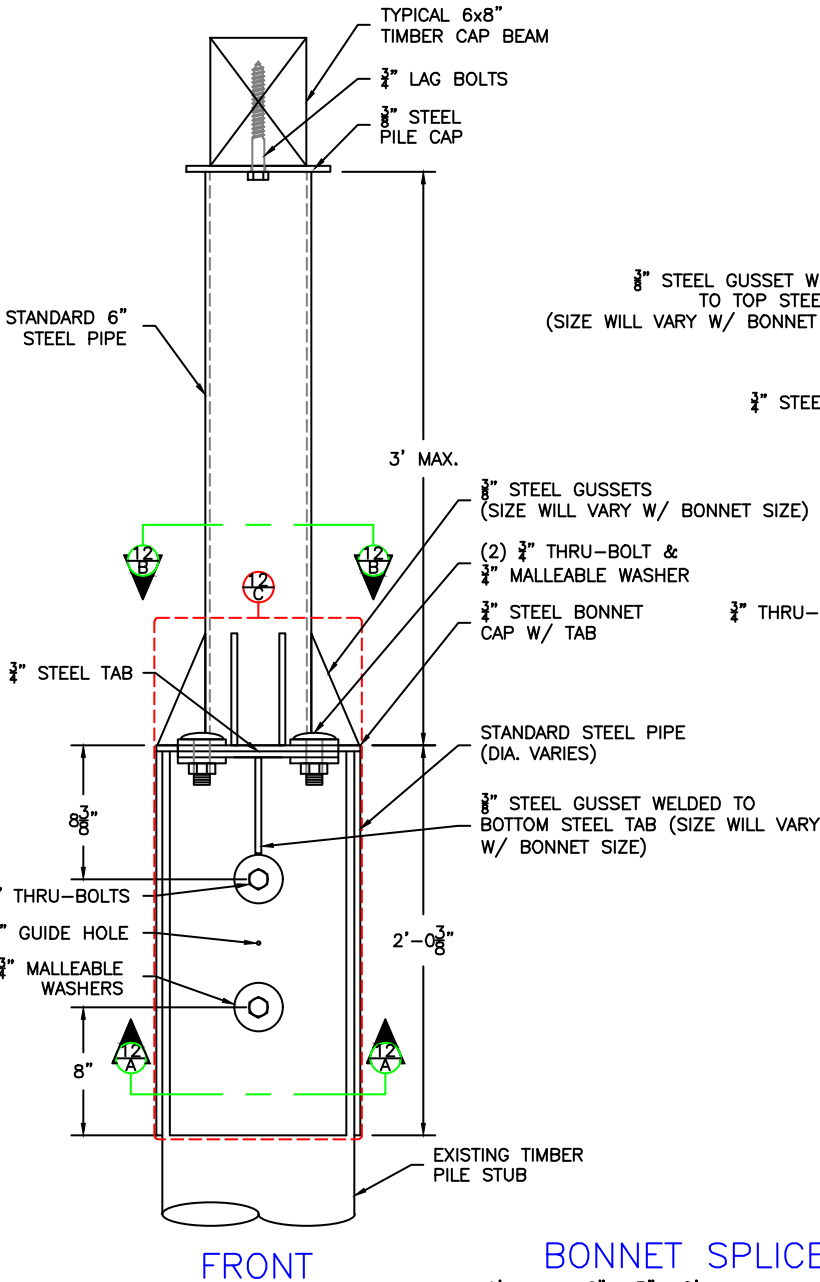
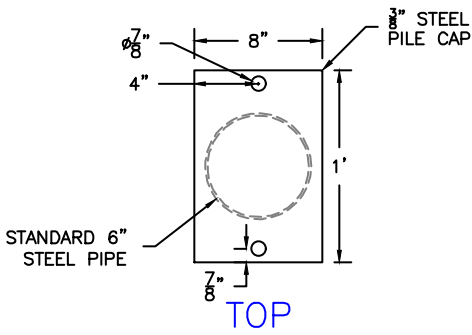
SUBSTRUCTURE REPAIRS:
 CAP BEAMS / STRINGERS = 23% OF 956 (23x956=219.88)
 PILING = 48% OF 33 (.48x33=15.84)
 (219.88+15.84) / (956+33) = 24% OF TOTAL SUBSTRUCTURE REPAIR

REVISED
03/28/2023

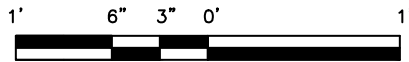
PER STRUCTURAL CALCS;
 SHEETS 15 & 16.

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 10	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-10	

PROJECT DESIGNED BY:
 Waterfront Construction Inc.
 THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.



BONNET SPLICE



SCALE: 1"=1'

REVISED
03/28/2023

PER STRUCTURAL CALCS;
SHEETS 15 & 16.

PROJECT DESIGNED BY:

Waterfront Construction Inc.

THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

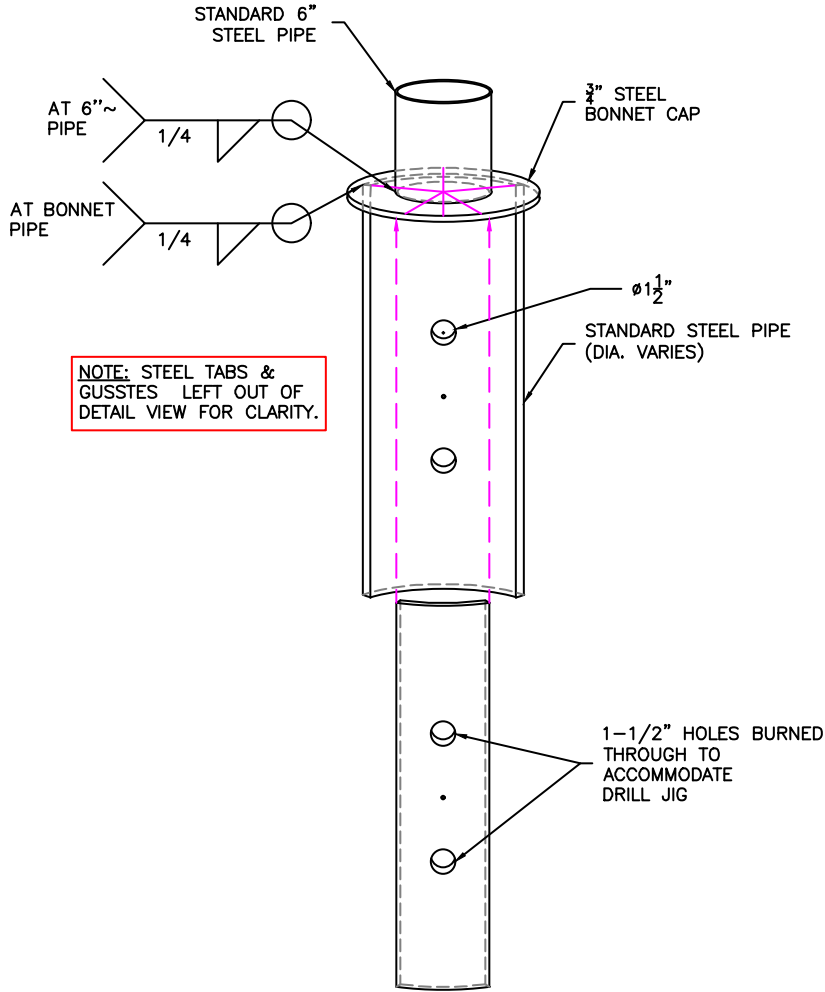
REFERENCE #:

APPLICANT: DOUGLAS ROSEN

PROPOSED: PIER REPAIR

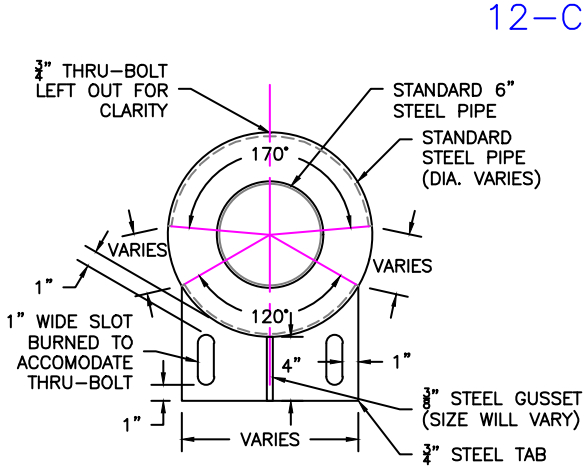
SHEET: 11 OF: 18 NEAR/AT: MERCER ISLAND

DATE: 2-7-2020 DWG#: 19-31042-A15-11

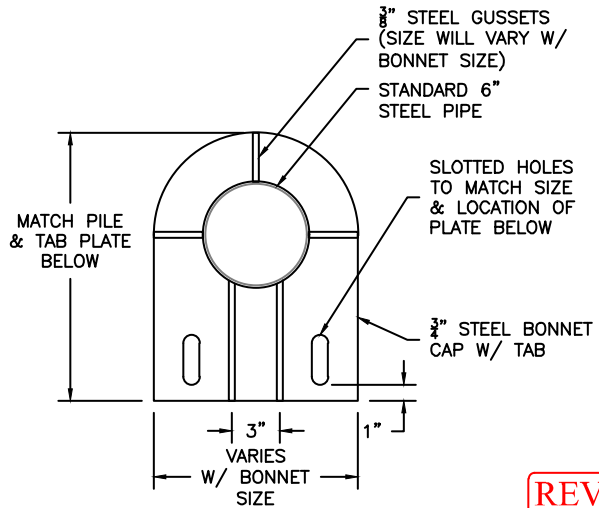


NOTE: STEEL TABS & GUSSETS LEFT OUT OF DETAIL VIEW FOR CLARITY.

DETAIL
12-C



SECTION
12-A



SECTION
12-B

REVISED
03/28/2023

PER STRUCTURAL CALCS;
SHEETS 15 & 16.

BONNET SPLICE



SCALE: 1"=1'

PROJECT DESIGNED BY:

Waterfront Construction Inc.

THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REFERENCE #:

APPLICANT: DOUGLAS ROSEN

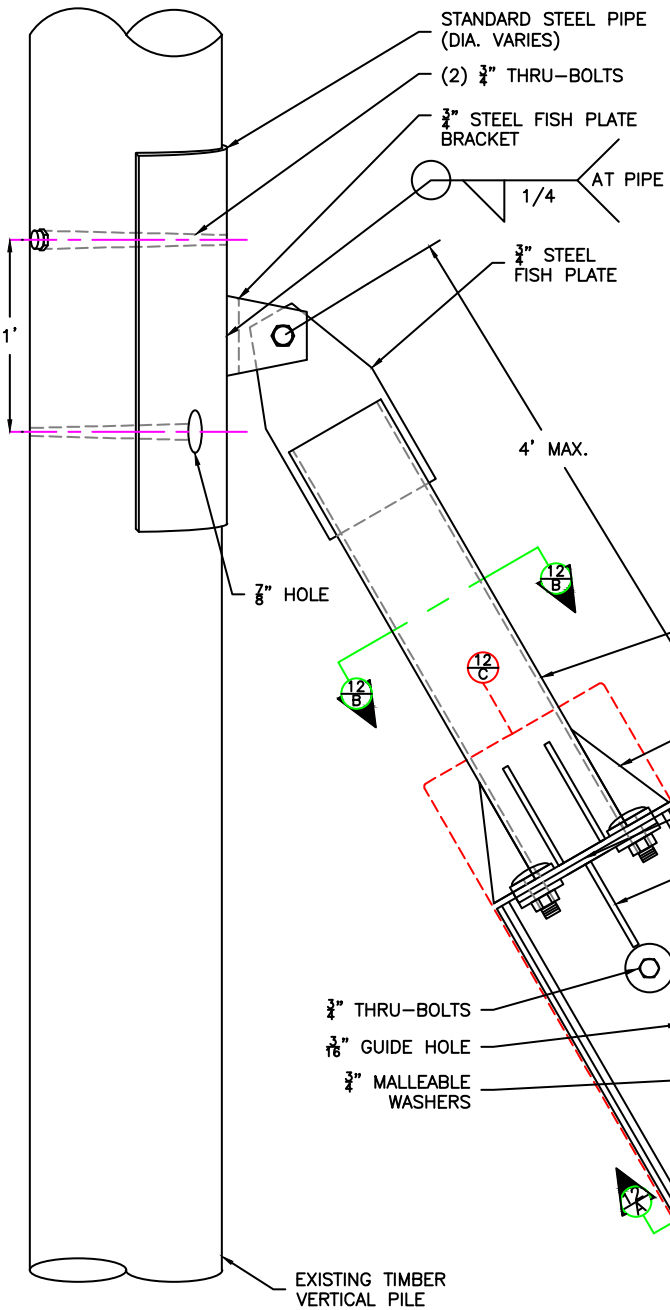
PROPOSED: PIER REPAIR

SHEET: 12 OF 18

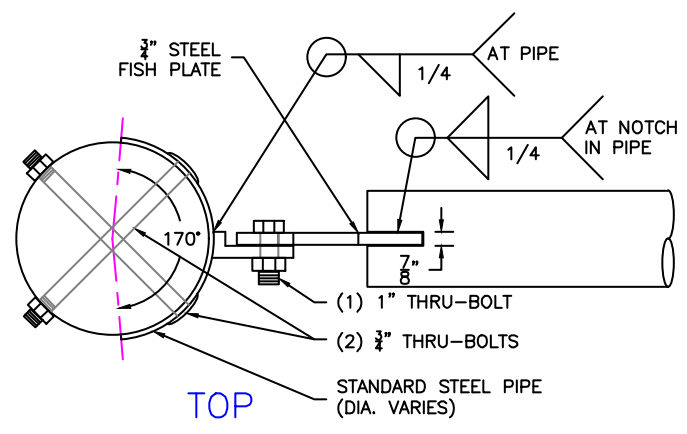
NEAR/AT: MERCER ISLAND

DATE: 2-7-2020

DWG#: 19-31042-A15-12



SEE SHEET 14 FOR FISH PLATE BRACKET DETAILS.

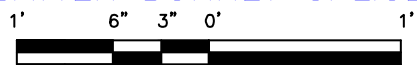


EXISTING TIMBER VERTICAL PILE

EXISTING TIMBER BATTER PILE STUB

SIDE

BATTER BONNET SPLICE



SCALE: 1"=1'

REVISED
03/28/2023

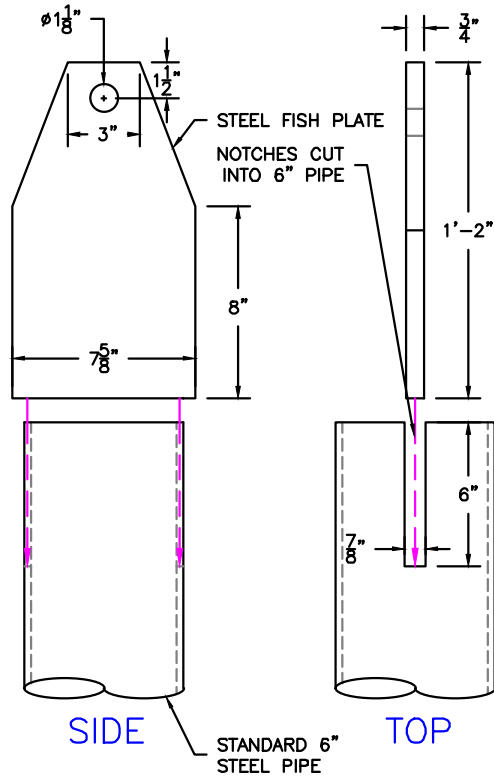
PER STRUCTURAL CALCS;
SHEETS 15 & 16.

PROJECT DESIGNED BY:

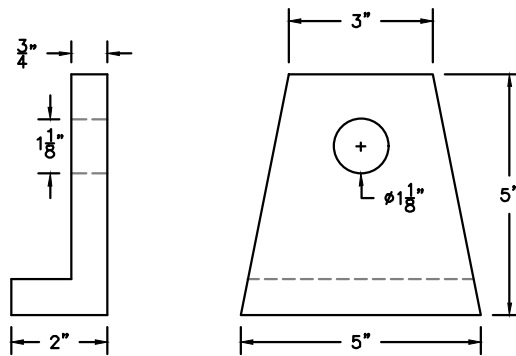
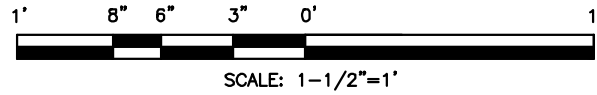
Waterfront Construction Inc.

THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

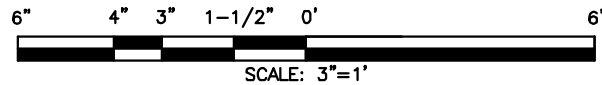
REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 13	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-13	



FISH PLATE TO PILE CONNECTION



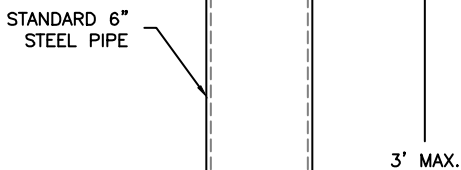
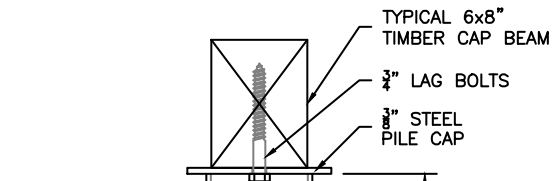
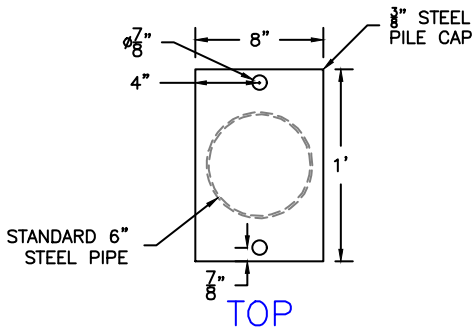
STEEL FISH PLATE BRACKET



PROJECT DESIGNED BY:
Waterfront Construction Inc.
 THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REVISED
03/28/2023
 PER STRUCTURAL CALCS;
 SHEETS 15 & 16.

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 14	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-14	



3/8" STEEL GUSSET WELDED TO TOP STEEL TAB (SIZE WILL VARY W/ BONNET SIZE)

3/4" STEEL TAB

3/8" STEEL GUSSETS (SIZE WILL VARY W/ BONNET SIZE)

(2) 3/4" THRU-BOLT & 3/4" MALLEABLE WASHER

3/4" STEEL BONNET CAP W/ TAB

STANDARD STEEL PIPE (DIA. VARIES)

3/8" STEEL GUSSET WELDED TO BOTTOM STEEL TAB (SIZE WILL VARY W/ BONNET SIZE)

3/4" STEEL TAB

8 3/8"

3/4" THRU-BOLTS

3/16" GUIDE HOLE

3/4" MALLEABLE WASHERS

8"

3' MAX.

2'-0 3/8"

EXISTING TIMBER PILE STUB

FRONT

4" OFFSET MAX.

STANDARD 6" STEEL PIPE

(2) 3/4" THRU-BOLT & 3/4" MALLEABLE WASHER

4"

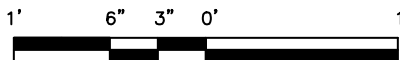
6 7/16"

3/4" THRU-BOLTS

EXISTING TIMBER PILE STUB

SIDE

OFFSET BONNET SPLICE



SCALE: 1"=1'

REVISED
03/28/2023

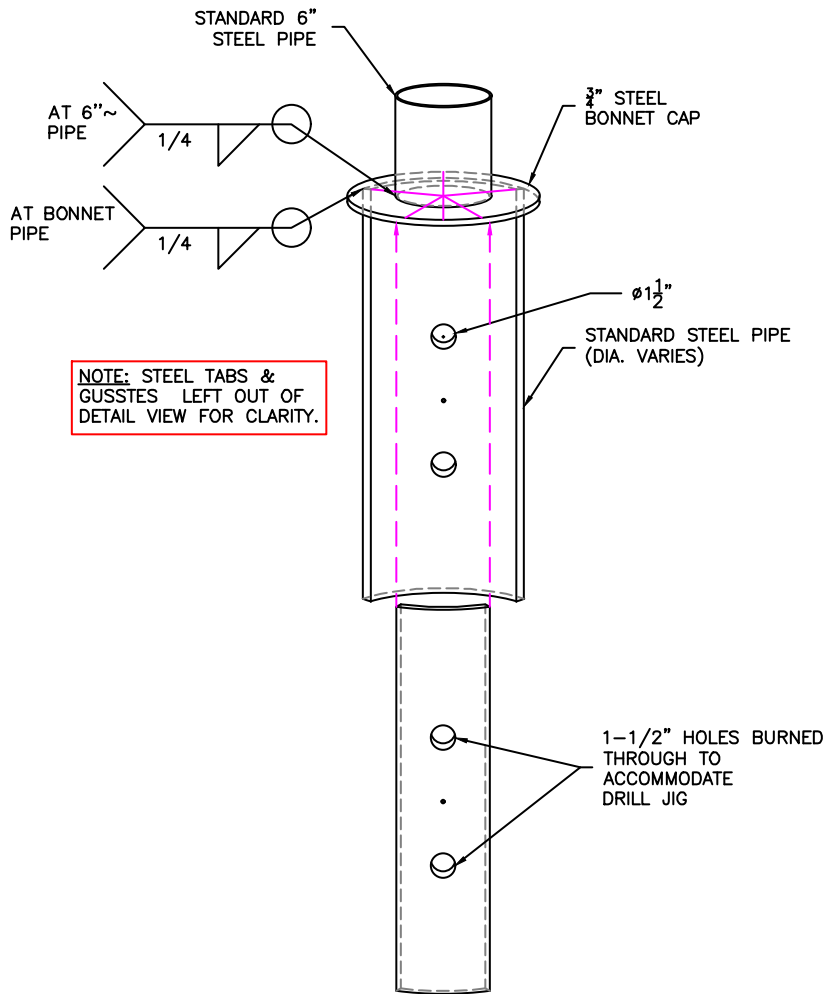
PER STRUCTURAL CALCS;
SHEETS 15 & 16.

PROJECT DESIGNED BY:

Waterfront Construction Inc.

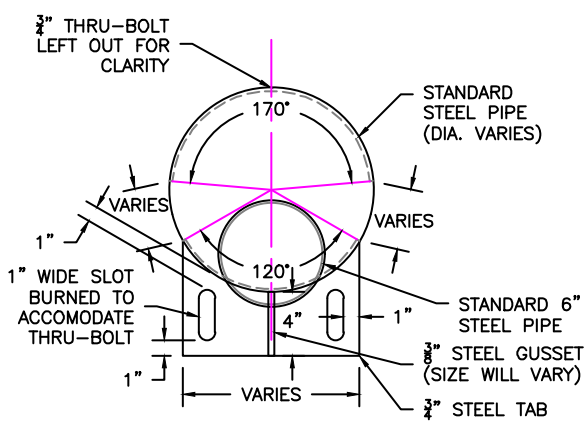
THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 15	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-15	

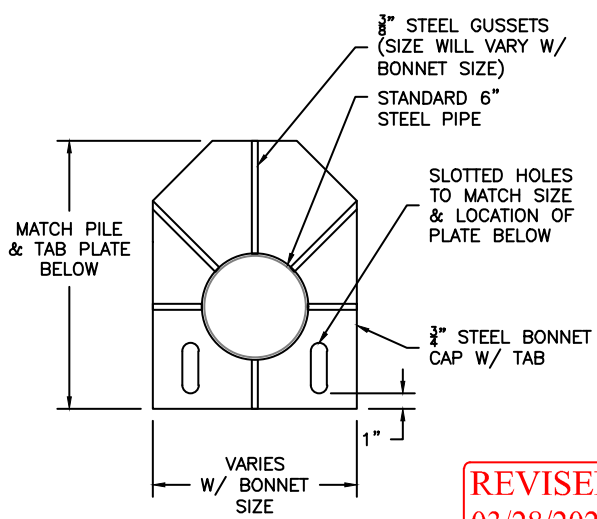


NOTE: STEEL TABS & GUSSETS LEFT OUT OF DETAIL VIEW FOR CLARITY.

DETAIL C-C



SECTION A-A

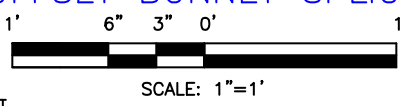


SECTION B-B

REVISED
03/28/2023

PER STRUCTURAL CALCS;
SHEETS 15 & 16.

OFFSET BONNET SPLICE



PROJECT DESIGNED BY:

Waterfront Construction Inc.

THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

REFERENCE #:	
APPLICANT: DOUGLAS ROSEN	
PROPOSED: PIER REPAIR	
SHEET: 16	OF: 18
DATE: 2-7-2020	NEAR/AT: MERCER ISLAND
	DWG#: 19-31042-A15-16



NOTE:
DOCK LIGHTS NOT TO EXCEED 450LM EACH
NOR A TOTAL OF 2700LM.

OVERWATER SOLID COVERAGE CALCULATIONS:
LIGHTS = .5889 SQFT
DIVING BOARD = 11.1875 SQFT
BOATLIFT BOXES = 8.5 SQFT
MECHANICAL BOX = 11.8125 SQFT
DOCK BOX = 13.1875 SQFT
TOTAL = 45.3 SQFT

OVERWATER LIGHT-PENETRATING COVERAGE CALCULATIONS:
GRATING = 1224 SQFT

LINE OF 30' FROM OHWL

OHWM = 21.85'
AT BATTERED
ROCK BULKHEAD

0-25' SHOREWARD OF OHWM = 3787 SF
TOTAL IMPERVIOUS SURFACE = 678 SF
OR 18%

25-50' SHOREWARD OF OHWM = 3706 SF
TOTAL IMPERVIOUS SURFACE = 188 SF
OR 5%

JOB SITE

DOUGLAS & DEBORAH ROSEN
5995 SE 30TH ST
MERCER ISLAND, WA 98040
217450-0100

EXISTING SEWER LINE
FIELD LOCATED ON
2/6/2019

EXISTING DOCK LIGHTS,
DIVING BOARD & SWIM
LADDERS TO BE
RE-INSTALLED

ROCK PAVERS,
STEPS & GRAVEL
WALKWAY

46'-9" ±
TOTAL OVERWATER COVERAGE
= 1269 SQFT,
TOTAL LIGHT-PENETRATING
COVERAGE = 1180 SF OR 93%

(13) EXISTING ±10"
CLEATS RE-INSTALLED

REVISED
03/28/2023

PER STRUCTURAL CALCS;
SHEETS 15 & 16.

PROJECT DESIGNED BY:

Waterfront Construction Inc.

THIS DOCUMENT IS PROPRIETARY PROPERTY OF WATERFRONT
CONSTRUCTION INC., AND IS NOT TO BE USED, IN WHOLE OR IN
PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN
AUTHORIZATION OF WATERFRONT CONSTRUCTION INC.

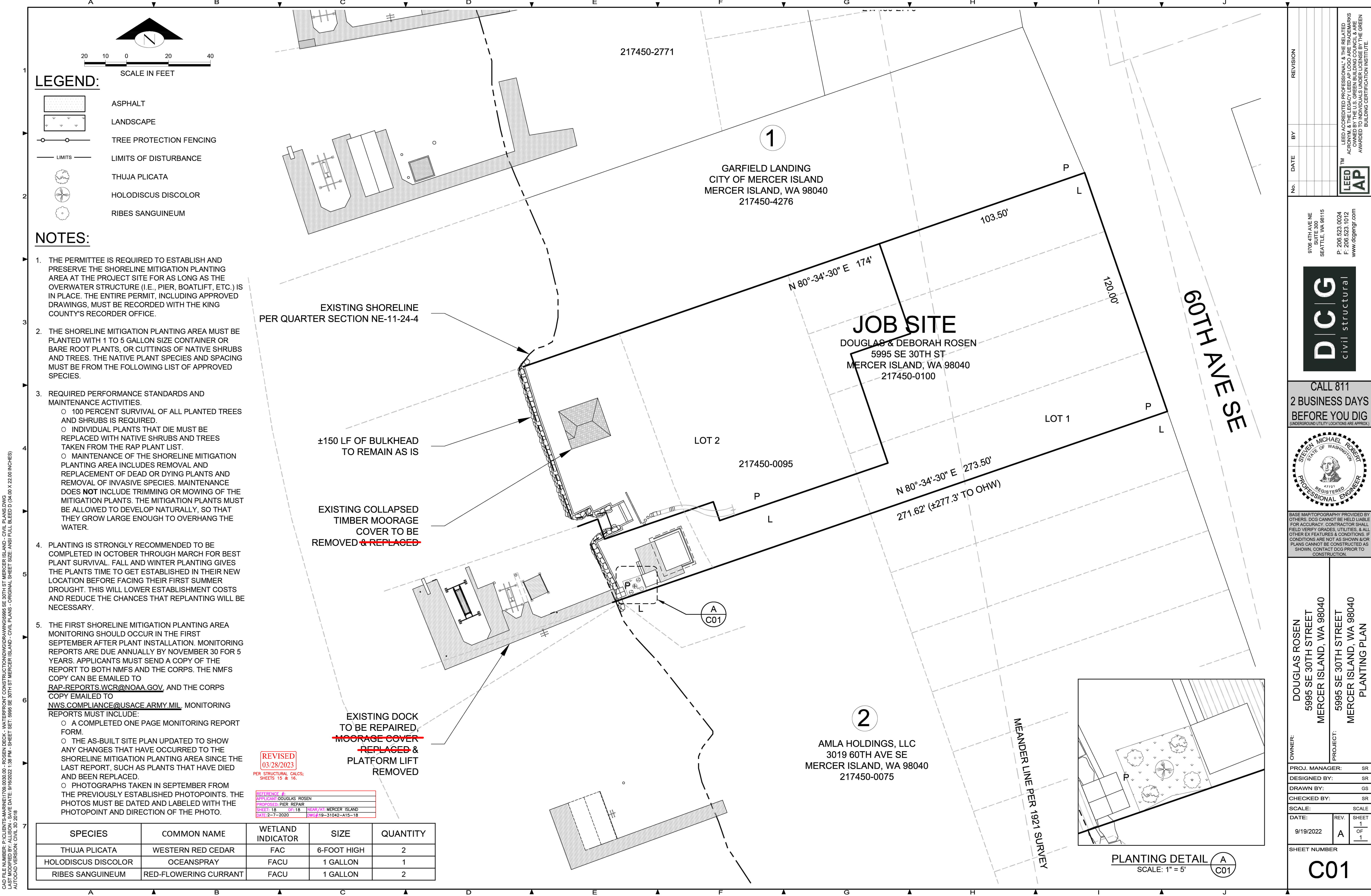
**PROPOSED IMPERVIOUS SURFACE
& OVERWATER COVERAGE CALCULATIONS**

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



SCALE: 1"=20'

REFERENCE #:		
APPLICANT: DOUGLAS ROSEN		
PROPOSED: PIER REPAIR		
SHEET: 17	OF: 18	NEAR/AT: MERCER ISLAND
DATE: 2-7-2020	DWG#: 19-31042-A15-17	



LEGEND:

- ASPHALT
- LANDSCAPE
- TREE PROTECTION FENCING
- LIMITS OF DISTURBANCE
- THUJA PLICATA
- HOLODISCUS DISCOLOR
- RIBES SANGUINEUM

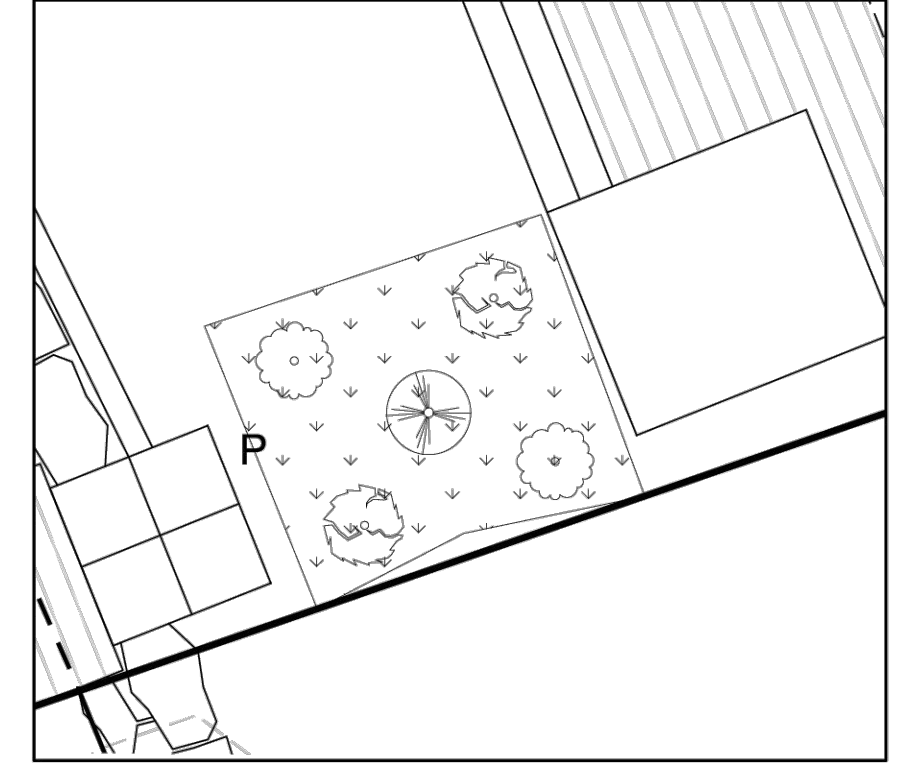
NOTES:

1. THE PERMITTEE IS REQUIRED TO ESTABLISH AND PRESERVE THE SHORELINE MITIGATION PLANTING AREA AT THE PROJECT SITE FOR AS LONG AS THE OVERWATER STRUCTURE (I.E., PIER, BOATLIFT, ETC.) IS IN PLACE. THE ENTIRE PERMIT, INCLUDING APPROVED DRAWINGS, MUST BE RECORDED WITH THE KING COUNTY'S RECORDER OFFICE.
2. THE SHORELINE MITIGATION PLANTING AREA MUST BE PLANTED WITH 1 TO 5 GALLON SIZE CONTAINER OR BARE ROOT PLANTS, OR CUTTINGS OF NATIVE SHRUBS AND TREES. THE NATIVE PLANT SPECIES AND SPACING MUST BE FROM THE FOLLOWING LIST OF APPROVED SPECIES.
3. REQUIRED PERFORMANCE STANDARDS AND MAINTENANCE ACTIVITIES.
 - 100 PERCENT SURVIVAL OF ALL PLANTED TREES AND SHRUBS IS REQUIRED.
 - INDIVIDUAL PLANTS THAT DIE MUST BE REPLACED WITH NATIVE SHRUBS AND TREES TAKEN FROM THE RAP PLANT LIST.
 - MAINTENANCE OF THE SHORELINE MITIGATION PLANTING AREA INCLUDES REMOVAL AND REPLACEMENT OF DEAD OR DYING PLANTS AND REMOVAL OF INVASIVE SPECIES. MAINTENANCE DOES NOT INCLUDE TRIMMING OR MOWING OF THE MITIGATION PLANTS. THE MITIGATION PLANTS MUST BE ALLOWED TO DEVELOP NATURALLY, SO THAT THEY GROW LARGE ENOUGH TO OVERHANG THE WATER.
4. PLANTING IS STRONGLY RECOMMENDED TO BE COMPLETED IN OCTOBER THROUGH MARCH FOR BEST PLANT SURVIVAL. FALL AND WINTER PLANTING GIVES THE PLANTS TIME TO GET ESTABLISHED IN THEIR NEW LOCATION BEFORE FACING THEIR FIRST SUMMER DROUGHT. THIS WILL LOWER ESTABLISHMENT COSTS AND REDUCE THE CHANCES THAT REPLANTING WILL BE NECESSARY.
5. THE FIRST SHORELINE MITIGATION PLANTING AREA MONITORING SHOULD OCCUR IN THE FIRST SEPTEMBER AFTER PLANT INSTALLATION. MONITORING REPORTS ARE DUE ANNUALLY BY NOVEMBER 30 FOR 5 YEARS. APPLICANTS MUST SEND A COPY OF THE REPORT TO BOTH NMFS AND THE CORPS. THE NMFS COPY CAN BE EMAILED TO RAP-REPORTS.WCR@NOAA.GOV, AND THE CORPS COPY EMAILED TO NWS.COMPLIANCE@USACE.ARMY.MIL. MONITORING REPORTS MUST INCLUDE:
 - A COMPLETED ONE PAGE MONITORING REPORT FORM.
 - THE AS-BUILT SITE PLAN UPDATED TO SHOW ANY CHANGES THAT HAVE OCCURRED TO THE SHORELINE MITIGATION PLANTING AREA SINCE THE LAST REPORT, SUCH AS PLANTS THAT HAVE DIED AND BEEN REPLACED.
 - PHOTOGRAPHS TAKEN IN SEPTEMBER FROM THE PREVIOUSLY ESTABLISHED PHOTOPOINTS. THE PHOTOS MUST BE DATED AND LABELED WITH THE PHOTOPOINT AND DIRECTION OF THE PHOTO.

REVISED
03/28/2023
PER STRUCTURAL CALCS.
SHEETS 15 & 16.

PERMITTEE: DOUGLAS ROSEN
APPLICANT: DOUGLAS ROSEN
PROPOSED: PIER REPAIR
SHEET: 18 OF: 18 NEAR/AT: MERCER ISLAND
DATE: 2-7-2020 DWG#: 19-31042-A15-18

SPECIES	COMMON NAME	WETLAND INDICATOR	SIZE	QUANTITY
THUJA PLICATA	WESTERN RED CEDAR	FAC	6-FOOT HIGH	2
HOLODISCUS DISCOLOR	OCEANSPRAY	FACU	1 GALLON	1
RIBES SANGUINEUM	RED-FLOWERING CURRANT	FACU	1 GALLON	2



9706 4TH AVE NE
SUITE 300
SEATTLE, WA 98115
P: 206.523.0024
F: 206.523.1012
www.dcgengr.com

LEED ACCREDITED PROFESSIONAL & THE RELATED WORKS OWNED BY THE U.S. GREEN BUILDING COUNCIL & ARE AWARDED TO INDIVIDUALS UNDER LICENSE BY THE GREEN BUILDING CERTIFICATION INSTITUTE.

LEED AP

REVISION

No.	DATE	BY

DCG
civil structural

CALL 811
2 BUSINESS DAYS
BEFORE YOU DIG
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

BASE MAP TOPOGRAPHY PROVIDED BY OTHERS. DCG CANNOT BE HELD LIABLE FOR ACCURACY. CONTRACTOR SHALL FIELD VERIFY GRADES, UTILITIES, & ALL OTHER EX FEATURES & CONDITIONS. IF CONDITIONS ARE NOT AS SHOWN &/OR PLANS CANNOT BE CONSTRUCTED AS SHOWN, CONTACT DCG PRIOR TO CONSTRUCTION.

OWNER: **DOUGLAS ROSEN**
5995 SE 30TH STREET
MERCER ISLAND, WA 98040

PROJECT: **5995 SE 30TH STREET
MERCER ISLAND, WA 98040
PLANTING PLAN**

PROJ. MANAGER: SR

DESIGNED BY: SR

DRAWN BY: GS

CHECKED BY: SR

SCALE: 1" = 5'

DATE: 9/19/2022

REV. A

SHEET 1 OF 1

SHEET NUMBER

C01

CAD FILE NUMBER: P:\CLIENTS\MARINER\1709-0030-00 - ROSEN DECK - WATERFRONT CONSTRUCTION\DRAWINGS\6868 SE 30TH ST MERCER ISLAND - CIVIL PLANS.DWG
 USER: JLR Date: 9/19/2022 1:38 PM - SHEET SET: 5995 SE 30TH ST MERCER ISLAND - CIVIL PLANS - ORIGINAL SHEET SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES)
 AUTOCAD VERSION: CML 20 2018