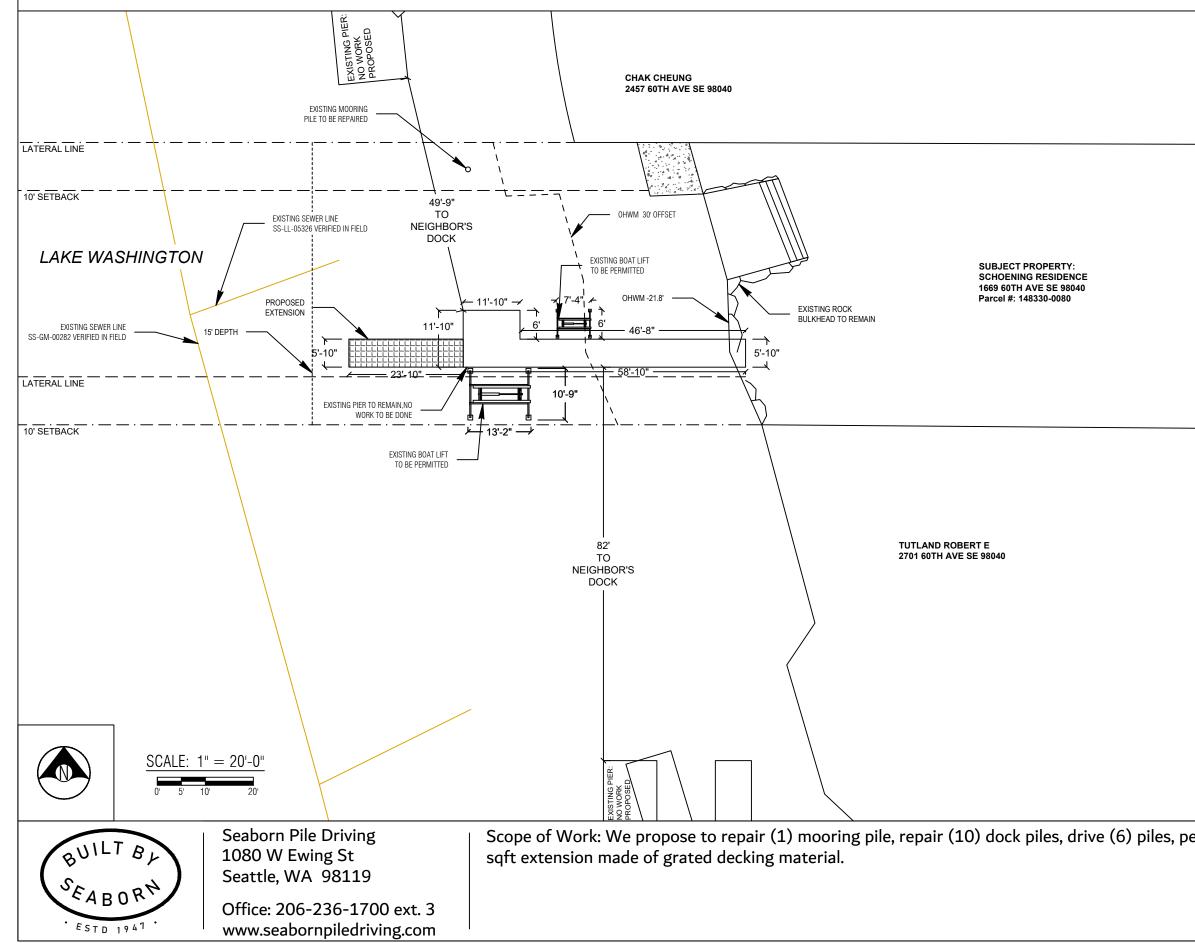


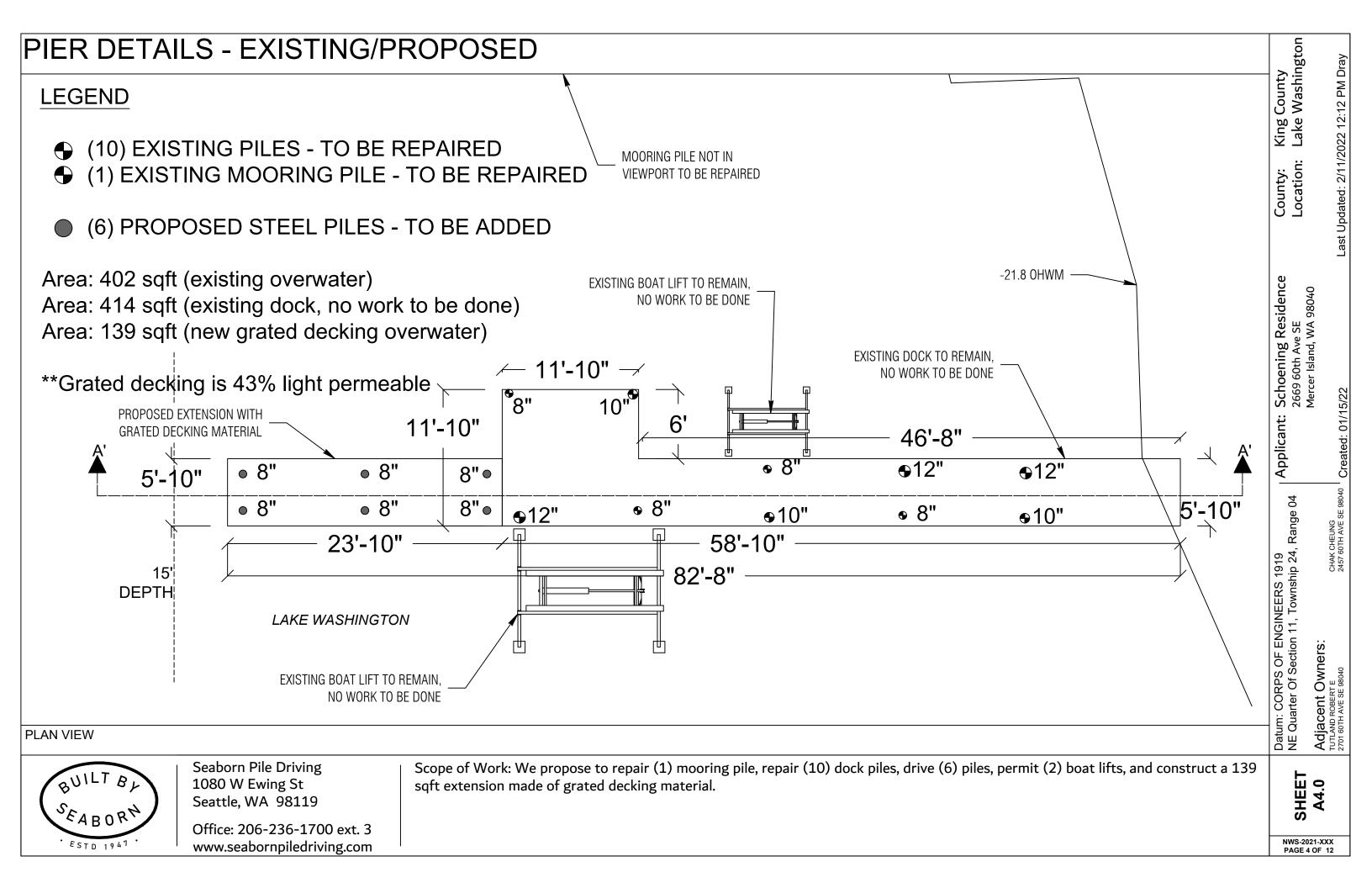
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Applicant: Schoening Residence County: 2669 60th Ave SE Location: Mercer Island, WA 98040 Last Updated: 2/11/20		NGINEERS 1919 11, Township 24, Ra	
AKE AROUND PROJECT *** County: King County Location: Lake Washingto Last Updated: 2/11/2022 12:12 PM Dray		Applicant: Schoening Residence 2669 60th Ave SE Mercer Island, WA 98040	Created: 01/15/22
AKE AROUND PROJECT** King County Lake Washingto		County: Location:	Last Updated: 2/11/2
_	AKE AROUND PROJECT**	King County Lake Washington	022 12:12 PM Dray

PROPOSED CONDITIONS

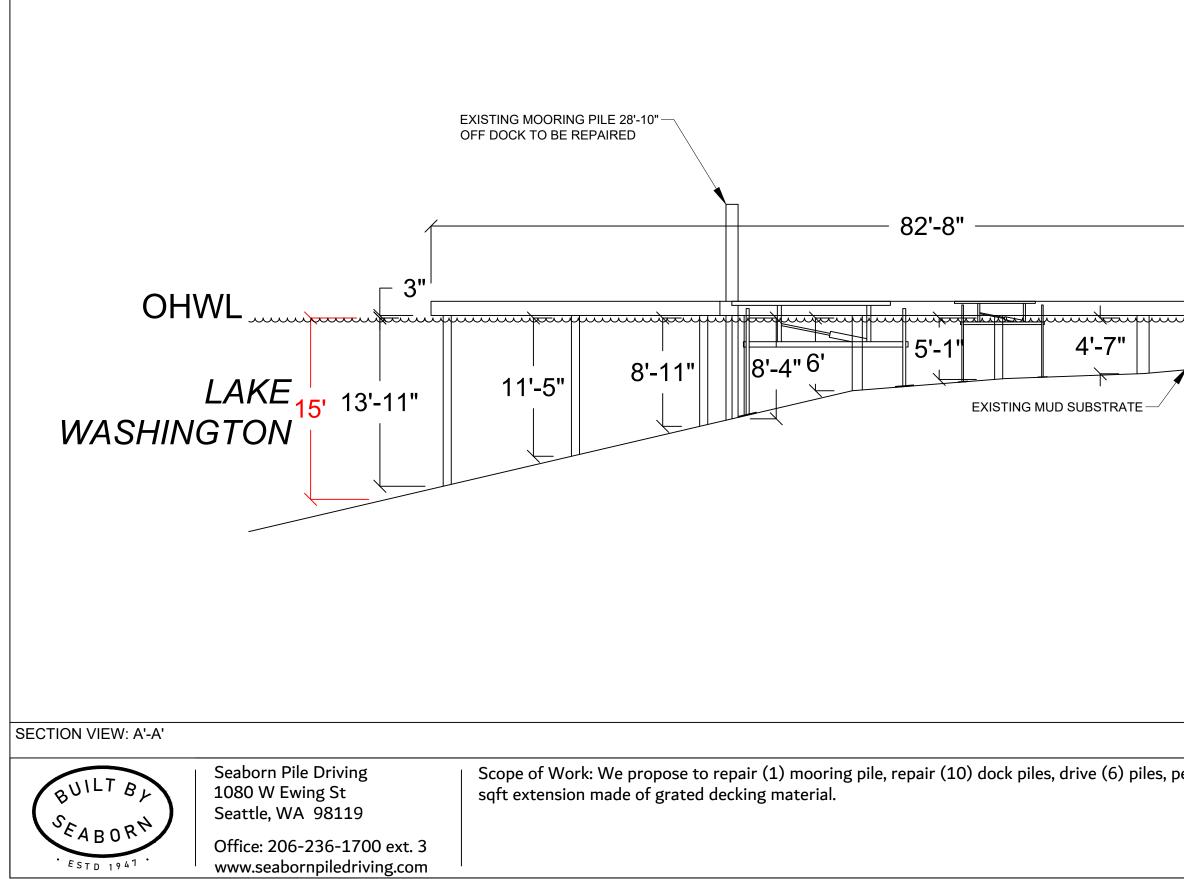
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AKE AROUND PROJECT.** The Control of Section 11, Township 24, Range 04 Mercer Island, WA 98040 And Jacent Owners: Tomomore East Dedated: 01/15/22 And Dedated: 01/15/2 And Dedated: 01/15/2 An	AKE AROUND PROJECT**	gton	ay
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Matter Of Section 11, Township 24, Range 04 TUTAND ROBERT E 2457 ROTH AVE SE 80040		County: Location:	Last Updated: 2/11/
bermit (5) poat lifts' and construct a 13b Adjacent Owners: 2001 00TH AVE SE 80040 2001 00TH AVE SE 80040		Applicant: Schoening Residence 2669 60th Ave SE Mercer Island, WA 98040	Created: 01/15/22
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	ermit (2) boat lifts, and construct a 139	_	

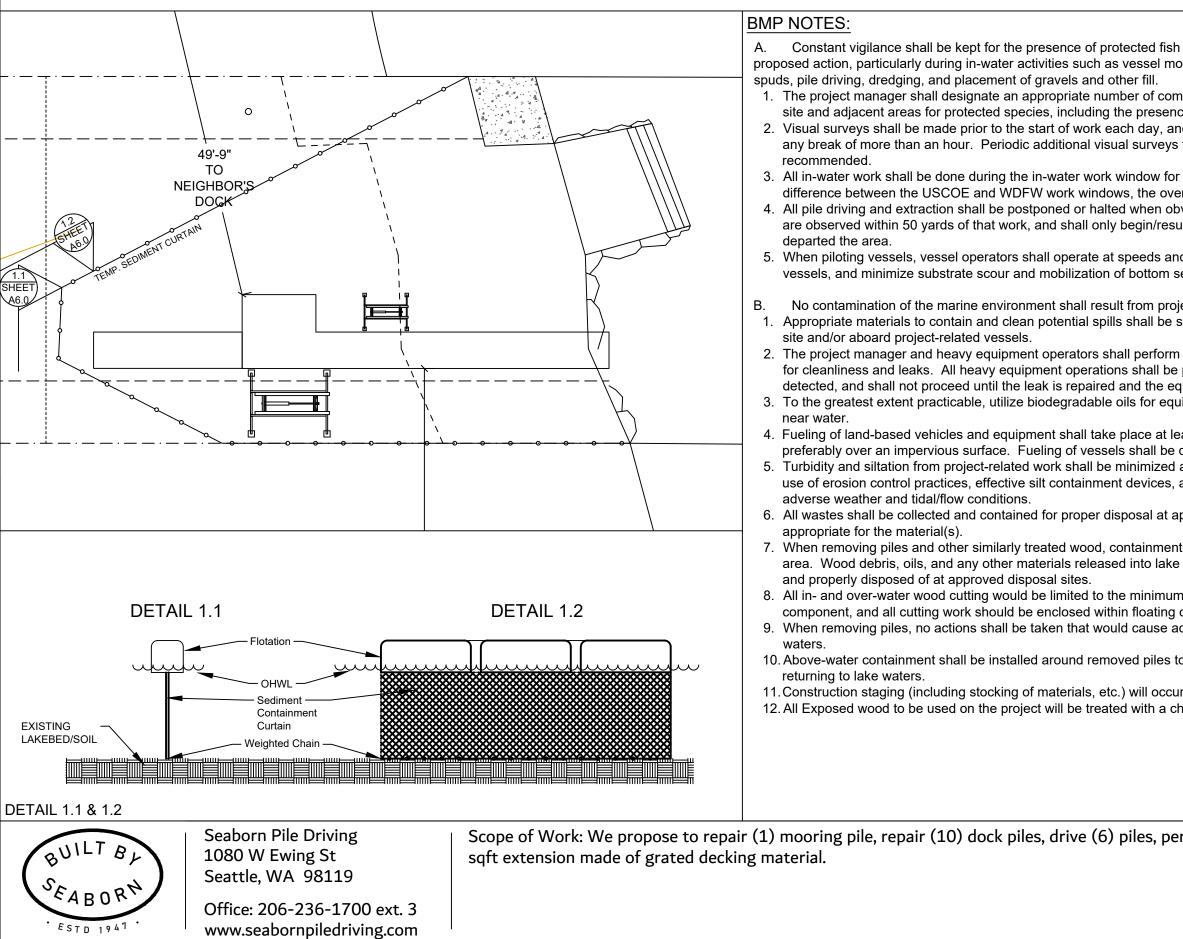


PIER DETAILS EXISTING/PROPOSED

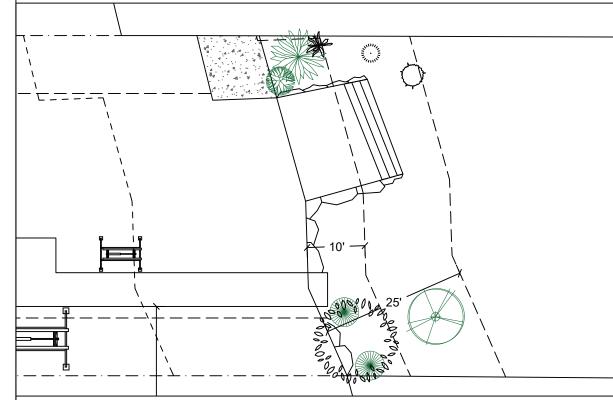


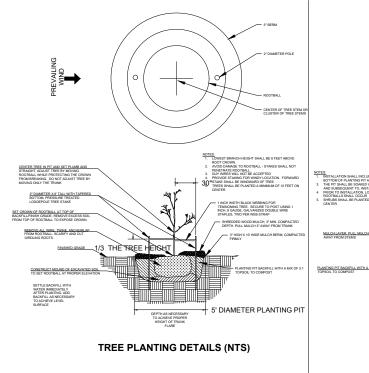
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ermit (2) boat lifts, and construct a 139	SHEET	0.64
	Datum: CORPS OF ENGINEERS 1919 NE Quarter Of Section 11, Township 24, Ran	Adjacent Owners. TUTLAND ROBERT E 2701 60TH AVE SE 98040
	GINEERS 1919 11, Township 24, Range 04	CHAK CHEUNG 2457 60TH AVE SE 98040
3'-8"	Applicant: Schoening Residence 2669 60th Ave SE Mercer Island, WA 98040	Created: 01/15/22
	County: Location:	Last Updated: 2/11/2022 12:12 PM Dray
	King County Lake Washington	022 12:12 PM Dray

BMP INFORMATION



MITIGATION PLAN





Notes:

- 1. Shrubs are show, and shall be planted, at least five feet on center. Trees are show, and shall be planted, at least ten feet to center.
- 2. The property owner will implement and abide by the shoreline planting plan. The plants shall be installed before or concurrent with the work authorized by this permit. A report, as-built drawing and photographs demonstrating the plants have been installed or a report on the status of project construction will be submitted to the U.S. Army Corps of Engineers, Seattle District, Regulatory Branch, within 12 months from the date of permit issuance. This reporting requirement may be met by completing and submitting a U.S. Army Corps of Engineers approved Report for Mitigation Work Completion form.
- 3. The property owner will maintain and monitor the survival of installed shoreline plantings for five years after the U.S. Army Corps of Engineers accepts the as-built report. Installed plants shall achieve 100% survival during monitoring Years 1 and 2. Installed plants shall achieve at least 80% survival during monitoring Years 3, 4 and 5. Percent survival is based on the total number of plants installed in accordance with the approved riparian planting plan. Individual plants that die will be replaced with native riparian species in order to meet the survival performance standards.
- 4. The property owner will provide annual monitoring reports for five years (Monitoring Years 1-5). Each annual monitoring report will include written and photographic documentation on plant mortality and replanting efforts and will document whether the performance standards are being met. Photos will be taken from established points and used repeatedly for each monitoring year. In addition to photos at designated points, photo documentation will include a panoramic view of the entire planting area. Submitted photos will be formatted on standard 8 1/2 x 11" paper, dated with the date the photo was taken, and clearly labeled with the direction from which the photo was taken. The photo location points will be identified on an appropriate drawing. Annual shoreline planting monitoring reports will be submitted to the U.S. Army Corps of Engineers, Seattle District, Regulatory Branch, by November 31 of each monitoring year. This reporting requirement may be met by completing and submitting a U.S. Army Corps of Engineers approved Mitigation Planting Monitoring Report form.

PROPOSED PLANTING SPE

SYMBOL	LATIN NAME	(
	Alnus rubra	
	Pinus contorta v contorta	
	Symphoricarpos albus	
	Holodiscus discolor	

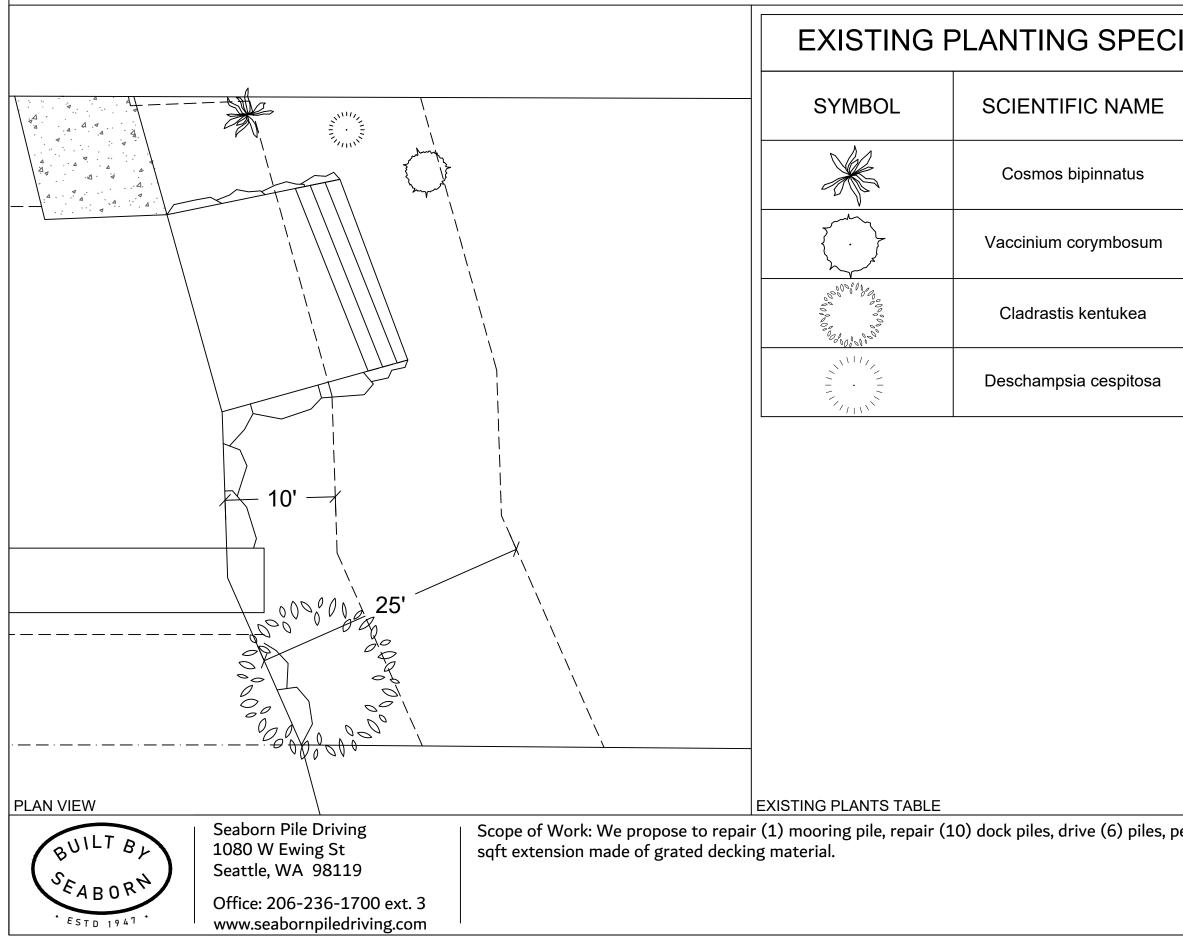
PLANTS: Shrubs to be installed 5ft on center and trees to

BUILT BY
SEABORN
• ESTD 1947 •

Seaborn Pile Driving 1080 W Ewing St Seattle, WA 98119 Office: 206-236-1700 ext. 3 www.seabornpiledriving.com Scope of Work: We propose to repair (1) mooring pile, repair (10) dock piles, drive (6) piles, possible sqft extension made of grated decking material.

			King County Lake Washington 22 1:16 PM Dray
			County: King County Location: Lake Washin Last Updated: 3/2/2022 1:16 PM Dray
+3'- SHRUB AND GROU PLANTING DETA			Applicant: Schoening Residence 2669 60th Ave SE Mercer Island, WA 98040 Created: 01/15/22
ECIES/QUA		TIES	Applicant: Sch 266 Merc Created: 01/15/22
COMMON NAME	QTY	SIZE	
Red Alder	1	3 ft	р 24, Range 04 снак снеиме 2457 60TH AVE SE 98040
Shore pine	1	3 ft	ERS 191: wnship 2 ^{CHA}
Snowberry	1	1 Gallon	NGINEE 11, To
Oceanspray	2	1 Gallon	S OF E Section Nners:
o be installed 10ft on	center.		Datum: CORPS OF ENGINEERS 1919 NE Quarter Of Section 11, Township 24, Adjacent Owners: TUTLAND ROBERT E 2701 60TH AVE SE 98040
ermit (2) boat lifts, a	nd cons	struct a 139	SHEET A7.0
			NWS-2021-XXX PAGE 7 OF 12

EXISTING PLANT PLAN



				ty ington	ray
E	ES/QUANT	ITIE	S	King County Lake Washington	16 PM Di
	COMMON NAME	QTY	SIZE		-ast Updated: 3/2/2022 1:16 PM Dray
	Garden Cosmos	1	~3ft	County: Locatior	ast Updated
	Blueberry bush	1	~4ft	dence 3040	_
	Yellow wood	1	~ 12ft	Applicant: Schoening Residence 2669 60th Ave SE Mercer Island, WA 98040	
	tufted hairgrass	1	~ 4ft	it: Schoer 2669 60 Mercer Is	1/15/22
				Applican	Created: 01/15/22
				Datum: CORPS OF ENGINEERS 1919 NE Quarter Of Section 11, Township 24, Range 04	Adjacent Owners: TUTLAND ROBERT E CHAK CHEUNG 2701 60TH AVE SE 98040 2457 60TH AVE SE 98040
ber	mit (2) boat lifts, a	nd con	struct a 139	Г _Р	D.0K
				NWS-2021 PAGE 8 C	

GENERAL NOTES:

MATERIALS SPEC LIST:

Boat Lifts:

- * SL10014ARW 72" x 88"
- * SL8012ARW 158" x 129"

Decking Material: FRPP - Fiberglass reinforced polypropylene

Light permeable percentage:

- * Surface 43%
- * 18" Dock Height 61%

SEWER:

* All sewer is field verified by probing the lake bed manually during the allowed work windows for the area.

PILES:

- * All new piles are epoxy coated steel piles *size varies, see plan set
- * Repair piles are done as a sleeve/strap method
- * Piles are driven using the vibro method

CODE REFERENCES: MERCER ISLAND

We are applying for the permit to be reviewed under the: "Alternative Development Standards" per MIMC 19.13050(F)(3).

The code official shall approve moorage facilities not in compliance w (F)(1) or (F)(2) of this section subject to both U.S. Army Corps of Engir Wildlife approval to an alternate project design. The following require chapter shall be met:

i. The dock must be no larger than authorized through state and fede Mercer Island City Code Page 30 of 34 The Mercer Island City Code is 16, 2020.

The dock length is in compliance.

ii. The maximum width must comply with the width of moorage facil subsection D of this section (Table D);

The maximum width is in compliance.

iii. The minimum water depth must be no shallower than authorized

The minimum water depth is in compliance.

iv. The applicant must demonstrate to the code official's satisfaction loss in ecological function of the shorelands; and

No net loss report is attached.

v. The applicant must provide the city with documentation of approv Corps of Engineers and the Washington Department of Fish and Wild

The plan set is under review by CORPS and WDFW.

Last permit issued for property: Building 10/12/2015 Concrete Slab Permitted: 1/11/1996 Dock established/constructed: 1/24/1989

BUILT BL SEABORN · ESTD 1947 · Seaborn Pile Driving 1080 W Ewing St Seattle, WA 98119

Office: 206-236-1700 ext. 3 www.seabornpiledriving.com

Scope of Work: We propose to repair (1) mooring pile, repair (10) dock piles, drive (6) piles, possible sqft extension made of grated decking material.

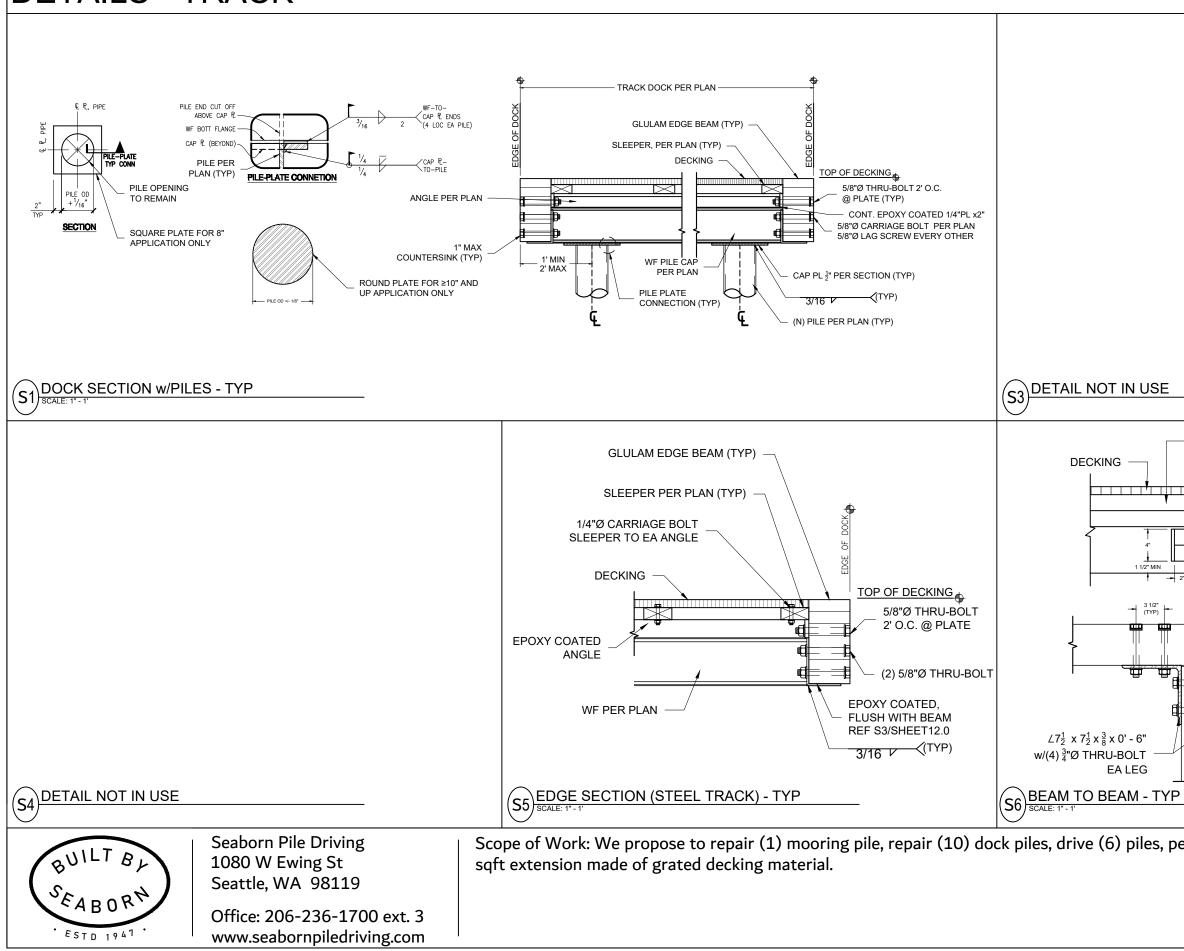
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permit (2) boat lifts, and construct a 139	SHEET	A9.0
	Datum: CORPS OF ENGINEERS 1919 NE Quarter Of Section 11, Township 24, Range 04	Adjacent Owners: TUTLAND ROBERT E CHAK CHEUNG 2701 60TH AVE SE 98040 2457 60TH AVE SE 98040
ilities standards specified in standards specified in I through state and federal approval; In that the proposed project will not create a net oval of the moorage facilities by both the U.S. Army dlife.	Applicant: Schoening Residence 2669 60th Ave SE Mercer Island, WA 98040	Created: 01/1
with the development standards in subsection ineers and Washington Department of Fish and rements and all other applicable provisions in this eral approval; Ch. 19.13 Shoreline Master Program s current through Ordinance 20C-13, passed June	County: King County Location: Lake Washington	Last Updated: 2/11/2022 12:12 PM Dray

DETAILS - REPAIR

S1 DETAIL NOT IN USE		s	2) DETAIL N	IOT IN USE	<u> </u>				S3 DETAIL NOT IN USE
			[OTE					
							62		2 ¹ EPOXY COAT ROUND P
			9"	HEIGHT 15"	S1 6"	S2 12"	S3 3"		
			12"+	28"	6"	12	3"		STEEL PILE- TY
			CONTAC 2) MINIMUM	E LOAD = 1,200 # / T ENGINEERING IF 1 BOLT SPACING = XIS SHALL BE ORI	F BOAT SIZE EXC : 3"	CEEDS GENERAL	NOTES MAXIMUM		SAWCUT SECTION B' SECTION B' SAWCUT @ GOOD LAG I 3/4* x 6"
(S4) DETAIL NOT IN USE		(s	5)SPLICE P	ILE REPAIL	R - TYP				EXISTING WOOD PILE - TYP SECTION A'
SEABORN · ESTD 1941 ·	Seaborn Pile Driving 1080 W Ewing St Seattle, WA 98119 Office: 206-236-1700 ext. 3 www.seabornpiledriving.com)	We propos	se to repa	air (1) mo king mate	ooring pile rial.	, repair (10) de	ock piles, drive (6) piles,

	NWS-2021-2 PAGE 10 O	
ermit (2) boat lifts, and construct a 139	SHEET	
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	Applicant: Schoening Residence 2669 60th Ave SE Mercer Island, WA 98040	^{8040 Created: 01/15/22}
	County: King County Location: Lake Washin	Last Updated: 2/11/2022 12:12 PM Dray
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DETAILS - TRACK



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ermit (2) boat lifts, and construct a 139	Ш,	0.1.1
SLEEPER, PER PLAN (TYP) CONT EPOXY COATED PL COUNTERSINK BOLT: COUNTERSINK BOLT: 1" MAX EDGE BEAM PER PLAN (DOES NOT CONTINUE @ SIM CONDITION	NGINEERS 1919 1 11, Township 24, Range 04	Adjacent Owners: TUTIAND ROBERT E 2701 60TH AVE SE 98040 2457 60TH AVE SE 98040 Created: 01/15/22
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