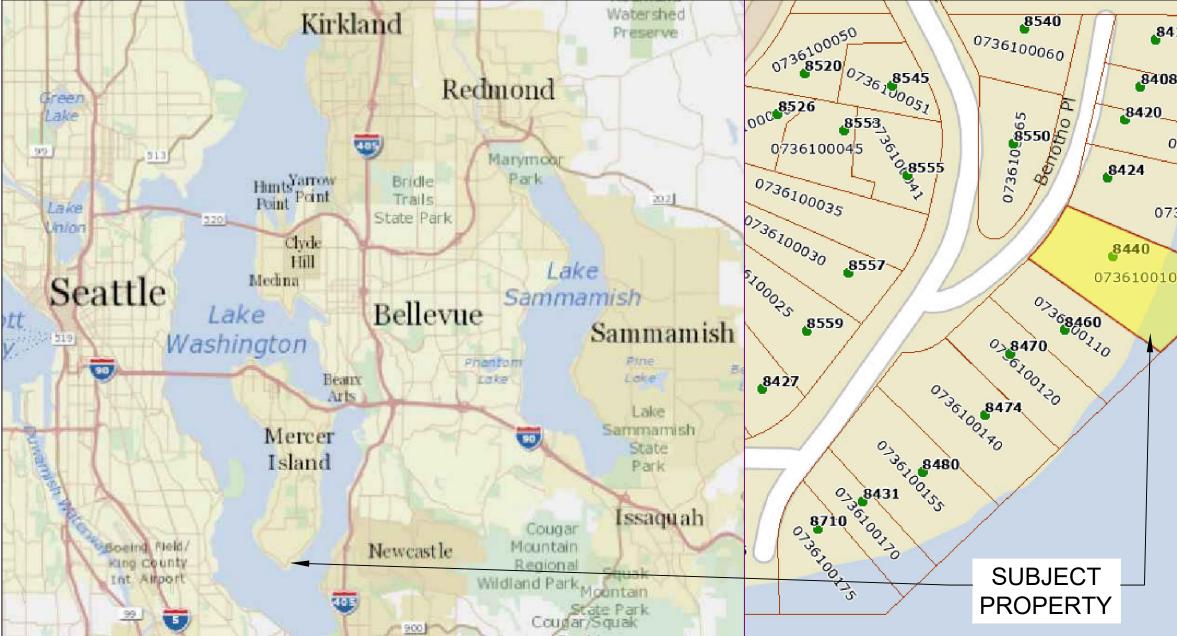
SITE PLAN



Pin: 0736100100

Legal Description: BENOTHO BEACH UNREC TGW SH LDS ADJ LESS C/M RGTS

Plat Block: Plat Lot: 19-20

Parcel LAT: 47.52555 LONG: -122.2243 Bulkhead LAT: 47.525504 LONG: -122.224164

BUILT BY	Seaborn Pile Driving 1080 W Ewing St Seattle, WA 98119	Scope of Work: We propose to replace the existing wooden bulkhead with a granite rock bulkh
· ESTD 1941 ·	Office: 206-236-1700 ext. 3 www.seabornpiledriving.com	

	gton	
110 0736100075 0736100080 0736100085 0736100085 036100090	County: King County Location: Lake Washington	Last Updated: 1/9/2023 11:31 AM Zion
	Applicant: Chen Residence 8440 Benotho Place Mercer Island, WA 98040	Created: 11-01-22
	NEERS 1919 1, Township 24, Range 05	GOODRICK ELIZABETH S+RAYMON 8424 BENOTHO PL, 98004
	Datum: CORPS OF ENGINEERS 1919 NW Quarter Of Section 31, Township 24, Rar	Adjacent Owners: Aspiri GARY+MITZI G 8460 BENOTHO, PL 98040 84
nead.	SHEET	A1.0
	NWS-2023 PAGE 1 O	

GENERAL NOTES:

MATERIALS SPEC LIST:

Boat Lifts:

* SL8012ARW - 146" x 167"

SEWER:

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

CODE REFERENCES: Mercer Island

We are applying for the permit to be reviewed under the:

"Bulkheads and Shoreline Stabilization Structures" per MIMC 19.13050(B)(1).

1. An existing shoreline stabilization structure may be replaced with a similar structure if there is a demonstrated need to protect principal uses or structures from erosion caused by currents or waves, and the following conditions shall apply:

i. The replacement structure should be designed, located, sized, and constructed to assure no net loss of ecological functions.

NNL Report attached.

ii. Replacement walls or bulkheads shall not encroach waterward of the ordinary high water mark or existing structure unless the primary structure was occupied prior to January 1, 1992, and there are overriding safety or environmental concerns. In such cases, the replacement structure shall abut the existing shoreline stabilization structure. Soft shoreline stabilization measures that provide restoration of shoreline ecological functions may be permitted waterward of the ordinary high water mark.

Replacement bulkhead will not encroach further waterward of OHWM than existing bulkhead.

iii.For purposes of this section standards on shoreline stabilization measures, "replacement" means the construction of a new structure to perform a shoreline stabilization function of an existing structure which can no longer adequately serve its purpose. Additions to or increases in size of existing shoreline stabilization measures shall be considered new structures.

Replacement bulkhead will have no addition or increase in size over existing bulkhead. iv. Construction and maintenance of normal protective bulkhead common to single-family dwellings requires only a shoreline exemption permit, unless a report is required by the code official to ensure compliance with the above conditions; however, if the construction of the bulkhead is undertaken wholly or in part on lands covered by water, such construction shall comply with SEPA mitigation.

Replacement bulkhead will not be constructed in land

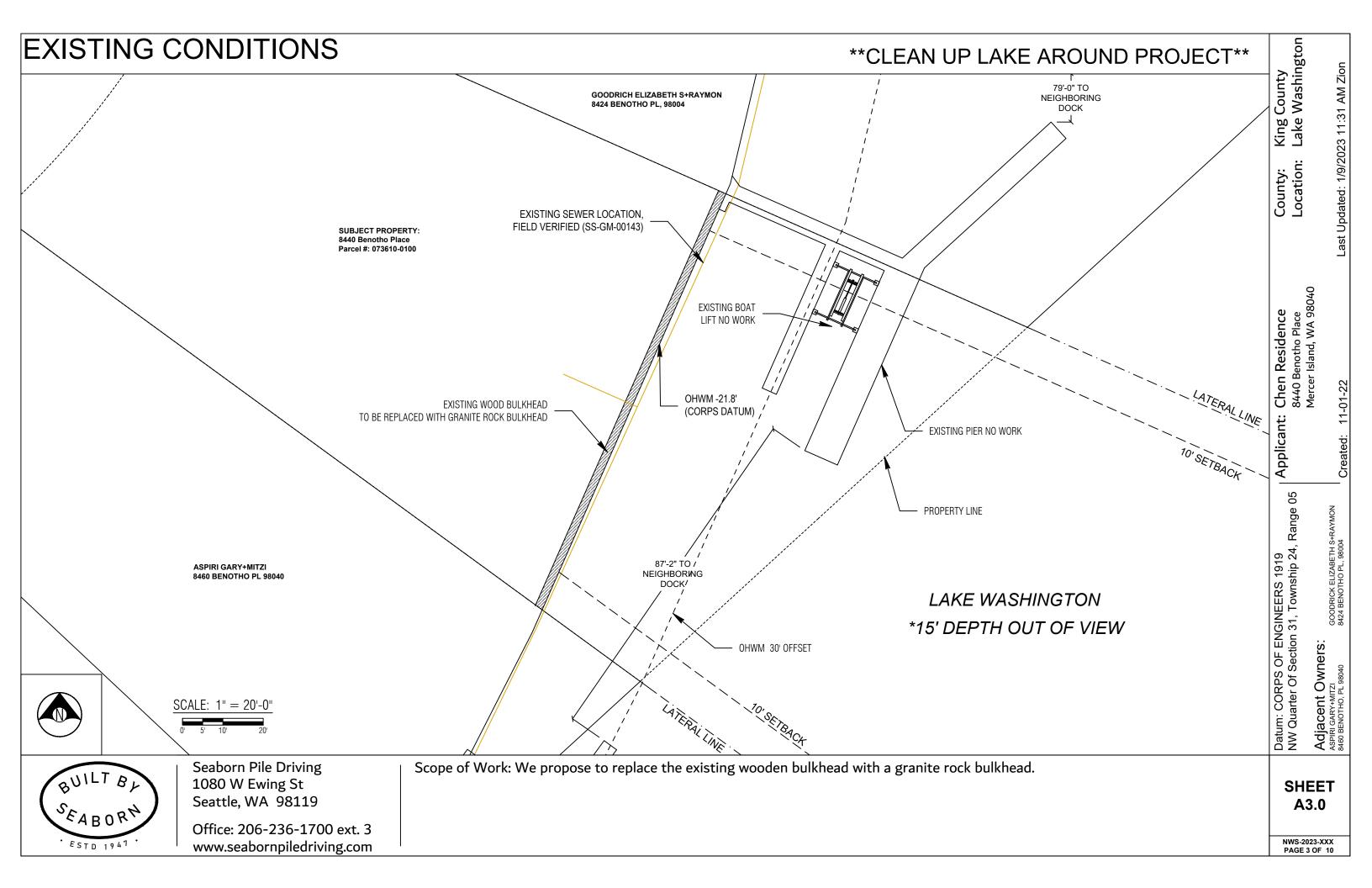
Last permit issued for property: 1304-164 4/14/2013 Bulkhead established/constructed: 4/25/1980 Boat lift permitted: 08/14/1990

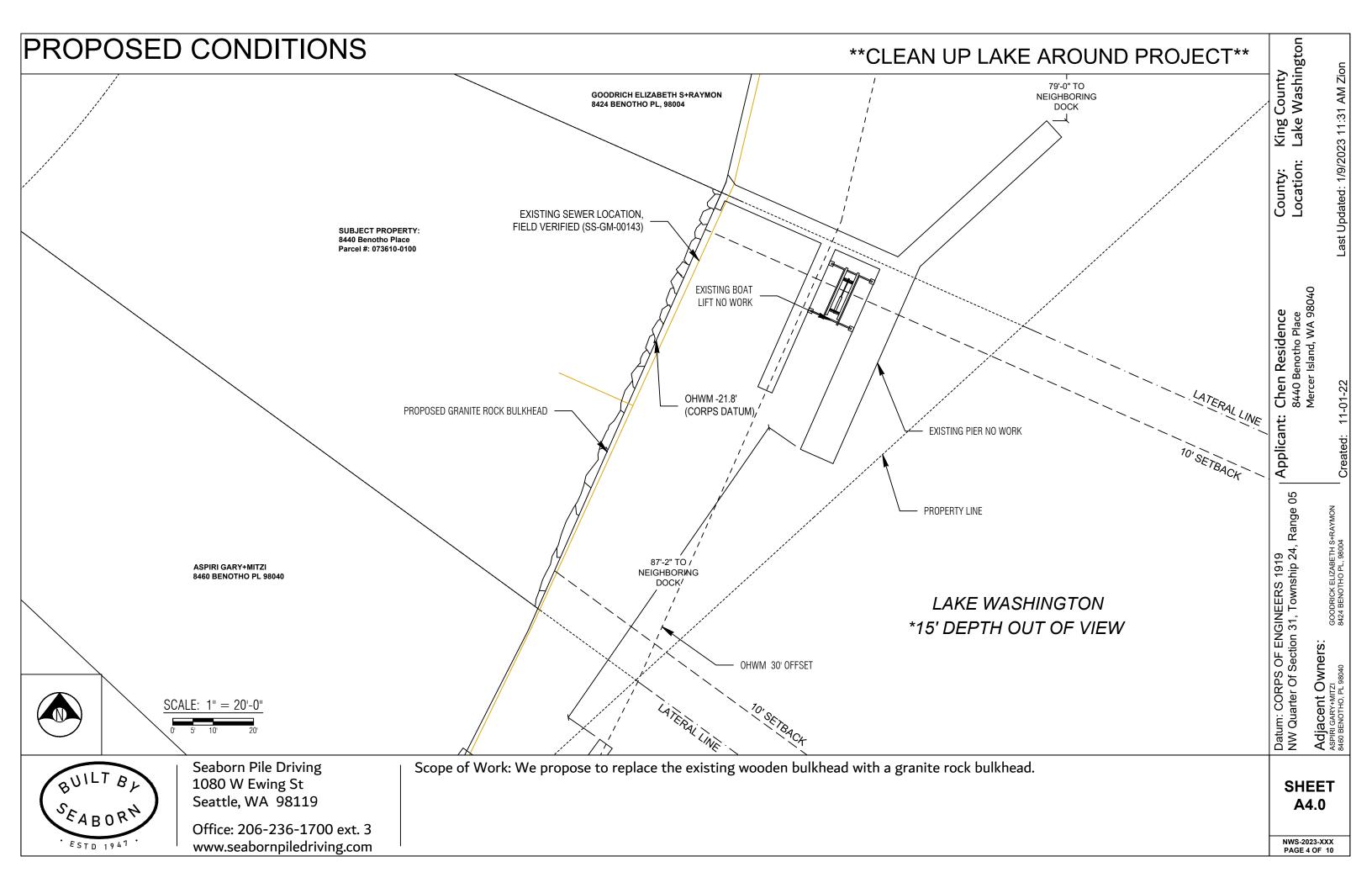


Seaborn Pile Driving 1080 W Ewing St Seattle, WA 98119 Office: 206-236-1700 ext. 3 www.seabornpiledriving.com Scope of Work: We propose to replace the existing wooden bulkhead with a granite rock bulkhead.

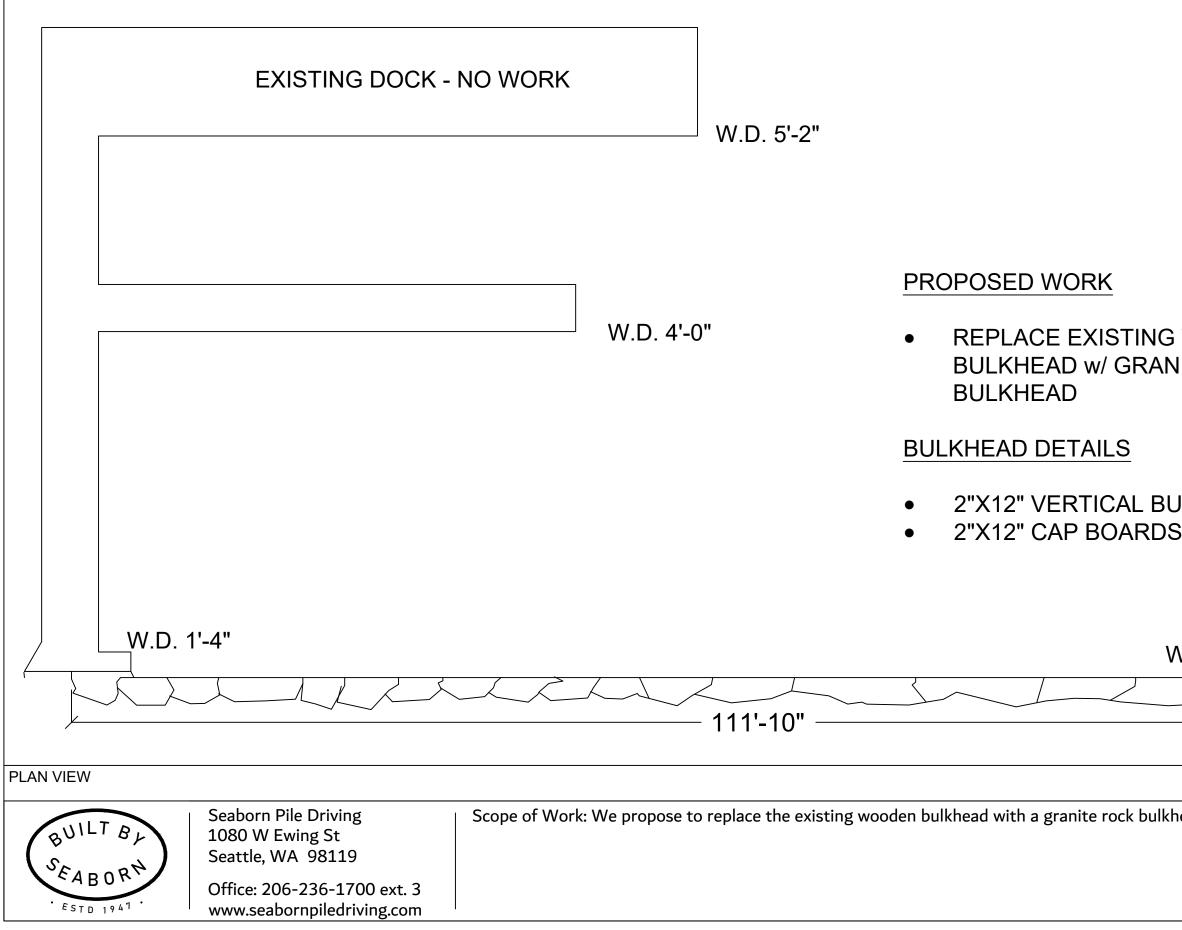
ds	covered	by	water.	

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S-2				8440 Benotho Place	Location:	-ocation: Lake Washingtoi
023-XX	EE ⁻ 2.0	Adjacent Owners:		Mercer Island, WA 98040		
X 10	т	ASPIRI GARY+MITZI 8460 BENOTHO, PL 98040	GOODRICK ELIZABETH S+RAYMON 8424 BENOTHO PL, 98004	Created: 11-01-22	Last Updated: 1/9/2023 11:31 AM Zion	023 11:31 AM Zion



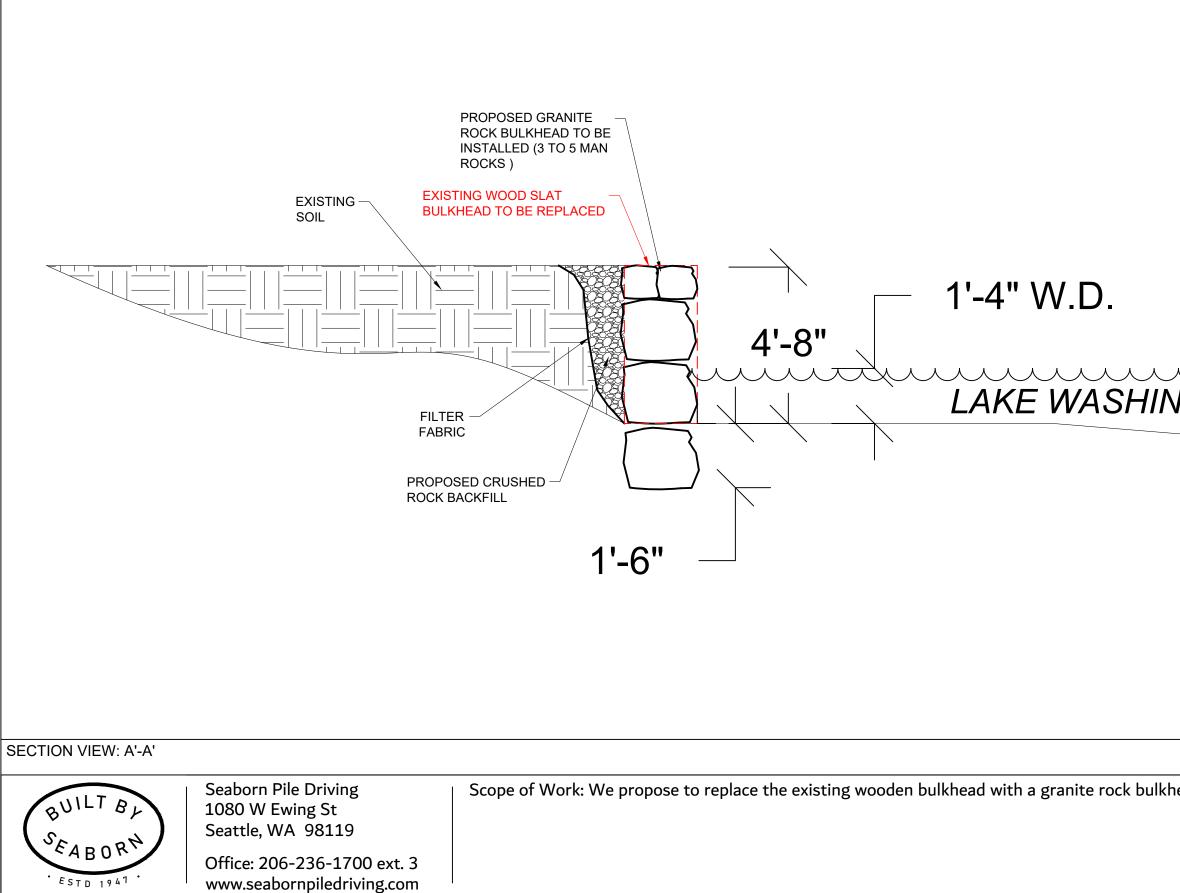


BULKHEAD DETAILS - EXISTING/PROPOSED



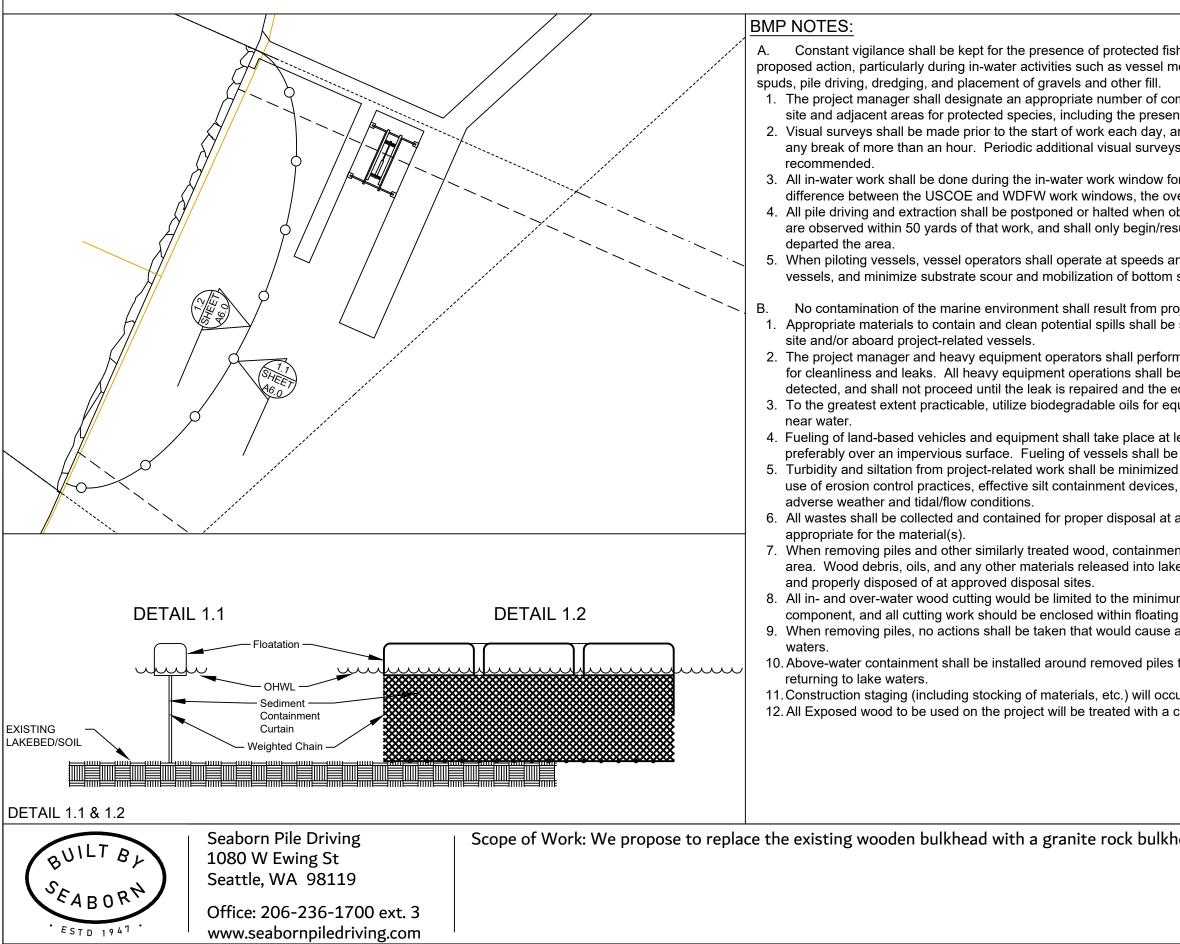
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nead.	SHE A5.	
	Datum: CORPS OF ENGINEERS 1919 NW Quarter Of Section 31, Township 24	Adjacent Owners: Aspiri GARY+MITZI 8460 BENOTHO, PL 98040
JLKHEAD FACE S V.D. 1'-3"	Datum: CORPS OF ENGINEERS 1919 NW Quarter Of Section 31, Township 24, Range 05	GOODRICK ELIZABETH S+RAYMON 8424 BENOTHO PL, 98004
WOOD SLAT IITE ROCK	Applicant: Chen Residence 8440 Benotho Place Mercer Island, WA 98040	Created: 11-01-22
	County: King County Location: Lake Washington	Last Updated: 1/9/2023 11:31 AM Zion

BULKHEAD DETAILS EXISTING/PROPOSED



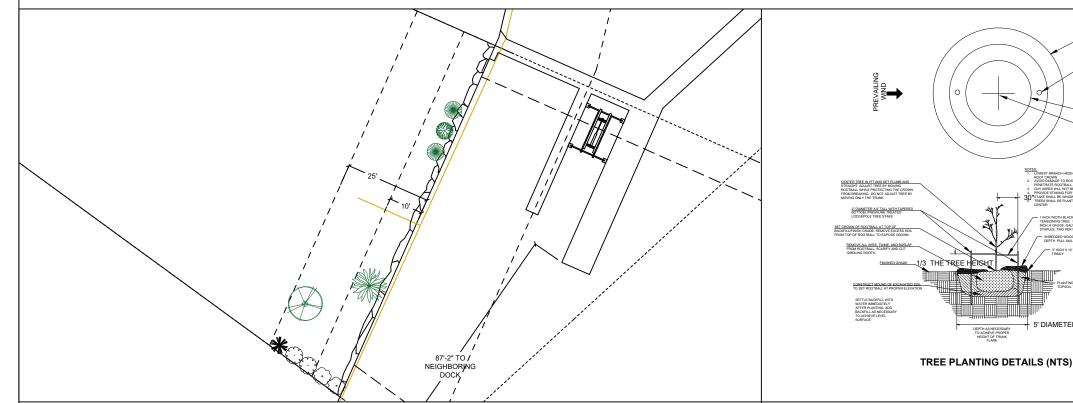
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head.		SHE A6	
		Datum: CORPS OF ENGINEERS 1919 NW Quarter Of Section 31, Township 24, Range 05	Adjacent Owners: Aspiri GARY+MITZI GOODRICK ELIZABETH S+RAYMON 8460 BENOTHO, PL 98040 8424 BENOTHO PL, 98004
VGTON	OHWL	Applicant: Chen Residence 8440 Benotho Place Mercer Island, WA 98040	Created: 11-01-22
		County: King County Location: Lake Washington	Last Updated: 1/9/2023 11:31 AM Zion

BMP INFORMATION



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sh species during all aspects of the novement, deployment of anchors & mpetent observers to survey the project nce of fish as conditions allow. and prior to resumption of work following is throughout the work day are strongly or the waterbody. Where there is a verlap of the two shall apply. bovious aggregations or schooling of fish sume after the animals have voluntarily	County: King County Location: Lake Washington	Last Updated: 1/9/2023 11:31 AM Zion
nd power settings to avoid grounding sediments. oject-related activities. stored and readily available at the work m daily pre-work equipment inspections e postponed or halted should a leak be equipment is cleaned. quipment that would be operated in or least 50 feet away from the water, e done at approved fueling facilities. d and contained through the appropriate , and the curtailment of work during	Applicant: Chen Residence 8440 Benotho Place	Mercer Island, WA 98040 Created: 11-01-22
approved upland disposal sites nt booms must fully enclose the work a waters must be collected, removed, im required to remove the subject wood g containment booms. adhering sediments to return to lake to prevent sediment laden waters from our on the supply barge. cheminite treatment.	Datum: CORPS OF ENGINEERS 1919 NW Quarter Of Section 31, Township 24, Range 05	Adjacent Owners: Aspiri GARY+MITZI 8460 BENOTHO, PL 98040 8424 BENOTHO PL, 9804
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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

LANTING PIT BACKE

5' DIAMETER PLANTING PI

SYMBOL		C		
	Thuja picatta	V		
	Pinus contorta v contorta			
	Rosa nutkana			
	Philadelphus lewisii			

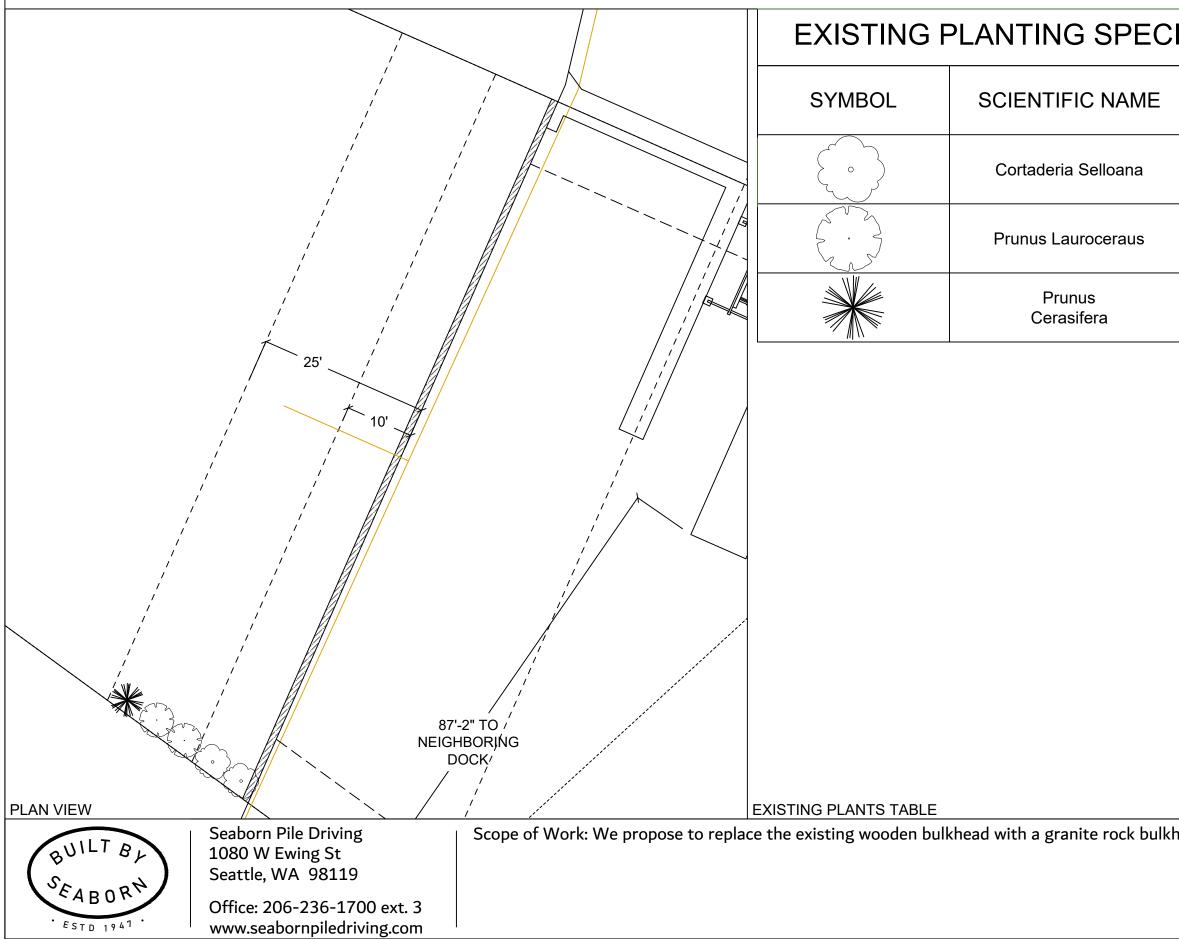
PLANTS: Shrubs to be installed 5ft on center and trees to

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 replace the existing wooden bulkhead with a granite rock bulkh

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+3°+ Shrub and grou PLanting Detail			Applicant: Chen Residence 8440 Benotho Place	Mercer Island, WA 98040 01-22
ECIES/QUA		TIES	plicant:	Merce Created: 11-01-22
COMMON NAME	QTY	SIZE		
Vestern Redcedar	1	3 ft	9 24, Range 05	GOODRICK ELIZABETH S+RAYMON 8424 BENOTHO PL, 98004
Shore pine	1	3 ft	RS 1919 wnship 2	ICK ELIZABE NOTHO PL, {
Nootka Rose	1	1 Gallon	NGINEE n 31, To	GOODR 8424 BE
Mock Orange	2	1 Gallon	S OF EI f Sectio	NNErS: ⁸⁰⁴⁰
o be installed 10ft on	center.		Datum: CORPS OF ENGINEERS 1919 NW Quarter Of Section 31, Township 24,	Adjacent Owners: ASPIRI GARY-MITZI 8460 BENOTHO, PL 98040
nead.				EET 3.0
				23-XXX 3 OF 10

EXISTING PLANT PLAN



				LO	
IE	ES/QUANT	ITIE	S	King County Lake Washington	31 AM Zion
	COMMON NAME	QTY	SIZE		_ast Updated: 1/9/2023 11:31 AM Zion
	Pampas Grass	2	5'x5'x5'	County: Location:	t Updated: 1
	Cherry Laurel	2	5'x5'x5'	Q.	Las
	Cherry Plum	1	5'x5'x5'	Chen Residence 8440 Benotho Place Mercer Island, WA 98040	
				Applicant: Chen Residence 8440 Benotho Place Mercer Island, WA 98	Created: 11-01-22
				Datum: CORPS OF ENGINEERS 1919 NW Quarter Of Section 31, Township 24, Range 05 Adiacent Owners:	ASPIRI GARY+MITZI GOODRICK ELIZABETH S+RAYMON 8460 BENOTHO, PL 98040 8424 BENOTHO PL, 98004
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