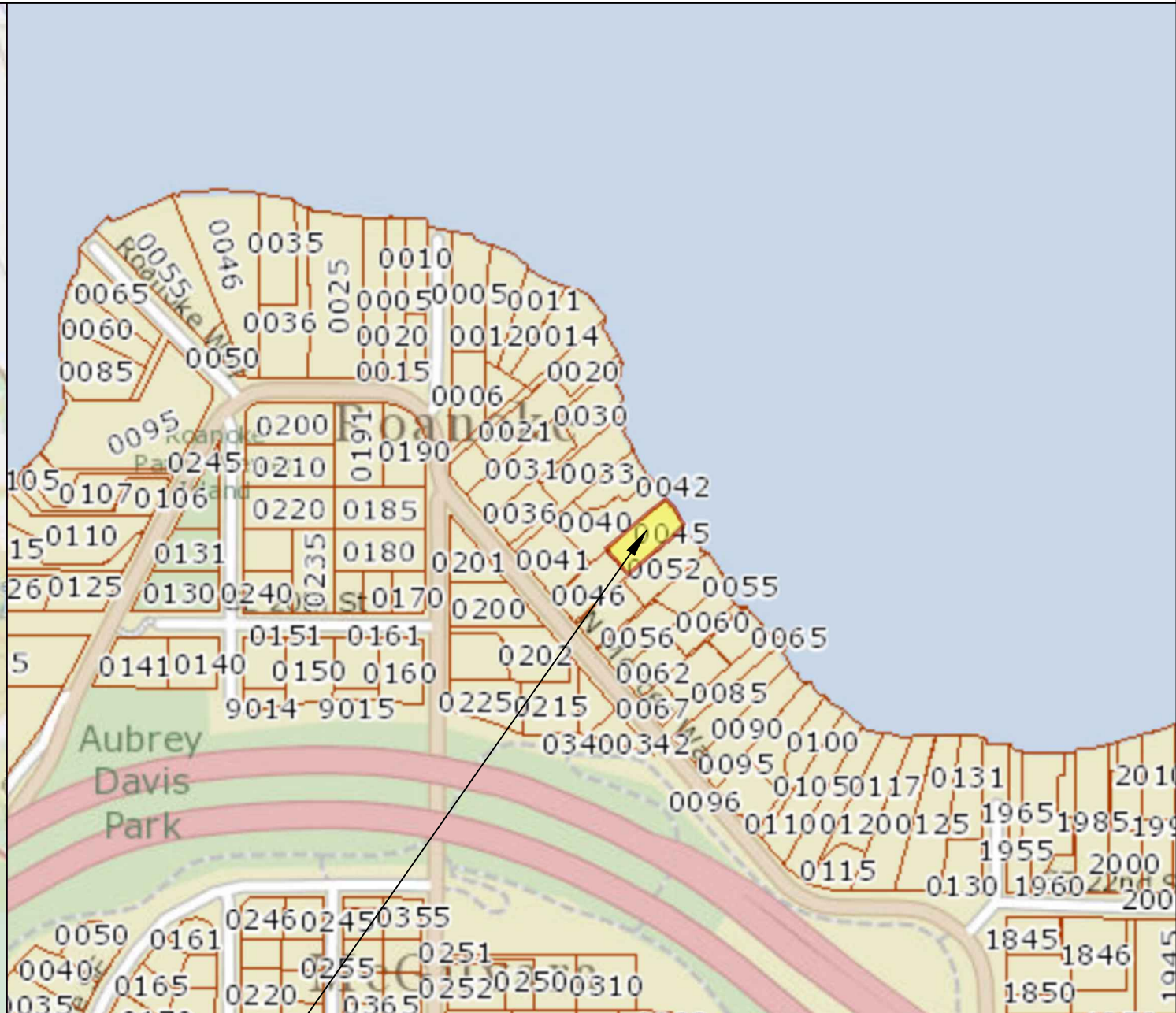
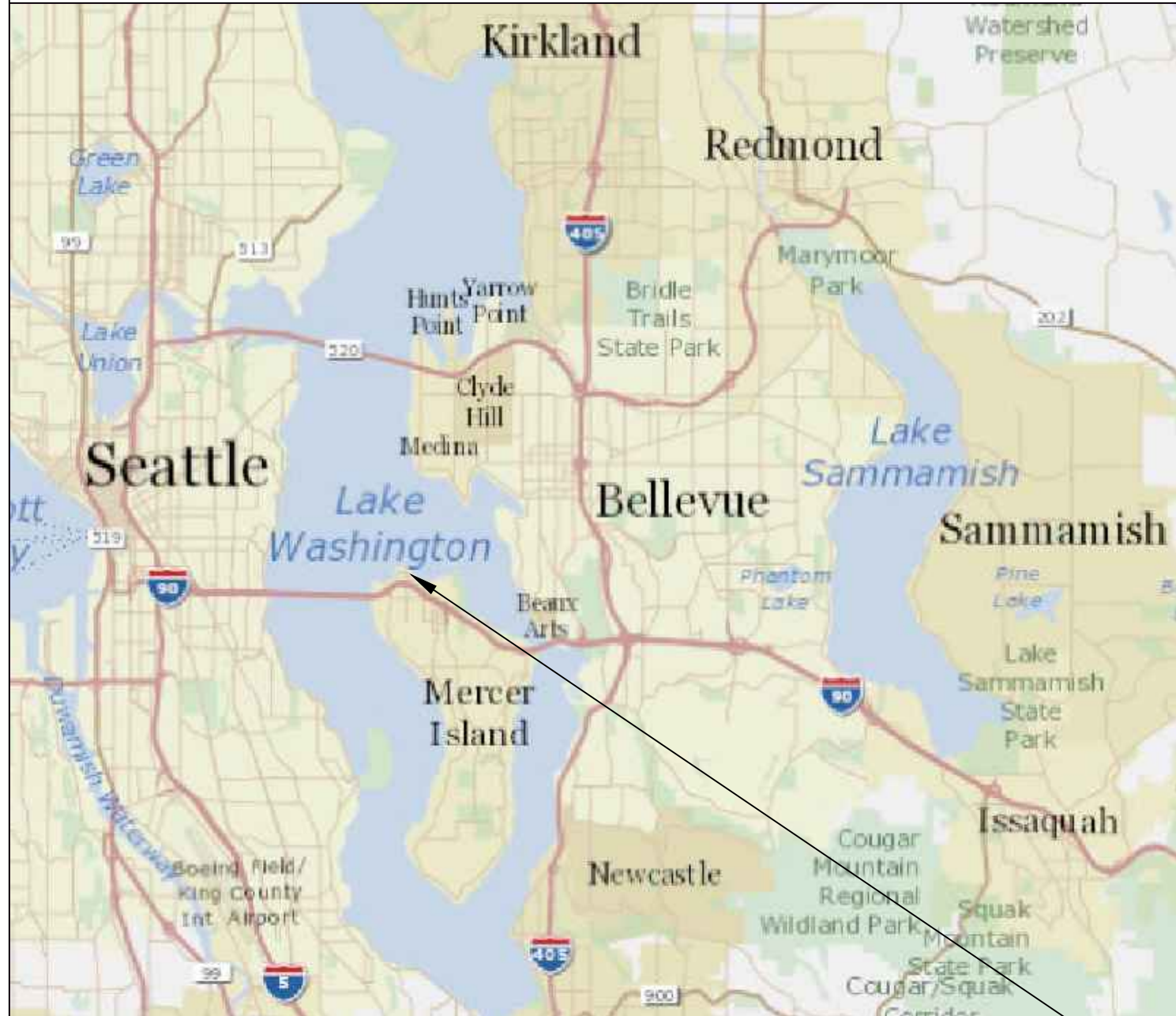


# SITE PLAN



Pin: 5315100045

Legal Description: MC GILVRAS ISLAND ADD LOT B MERCER ISLAND SHORT PLAT NO 79-07-22 REC NO 7910030597 & SH LDS ADJ

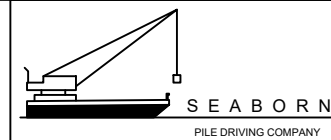
Plat Block: 1  
Plat Lot: 9

LAT: 47.59377 LONG: -122.24105

Prepared By:

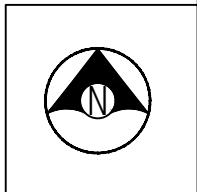
Seaborn Pile Driving  
1080 W Ewing St  
Seattle, WA 98119

Office: 206-236-1700  
permits@seabornpiledriving.com  
www.seabornpiledriving.com



Purpose: **The proposed dock is to provide for safe boat moorage and safe water recreational activities for a single family residence.**

Scope of Work: We propose to repair (10) existing pile, construct a beach cove, remove (1) mooring pile, installing new thruflow decking on entire dock & installing a boat lift under the existing moorage cover.



**SUBJECT  
PROPERTY**

Contractor: Seaborn Pile Driving Company  
1080 W Ewing St  
Seattle, WA 98119

Applicant: Sun Residence  
7240 N MERCER WAY  
Mercer Island, WA 98119

County: King County  
Location: Lake Washington

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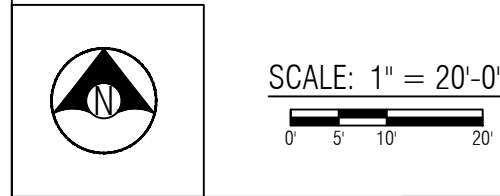
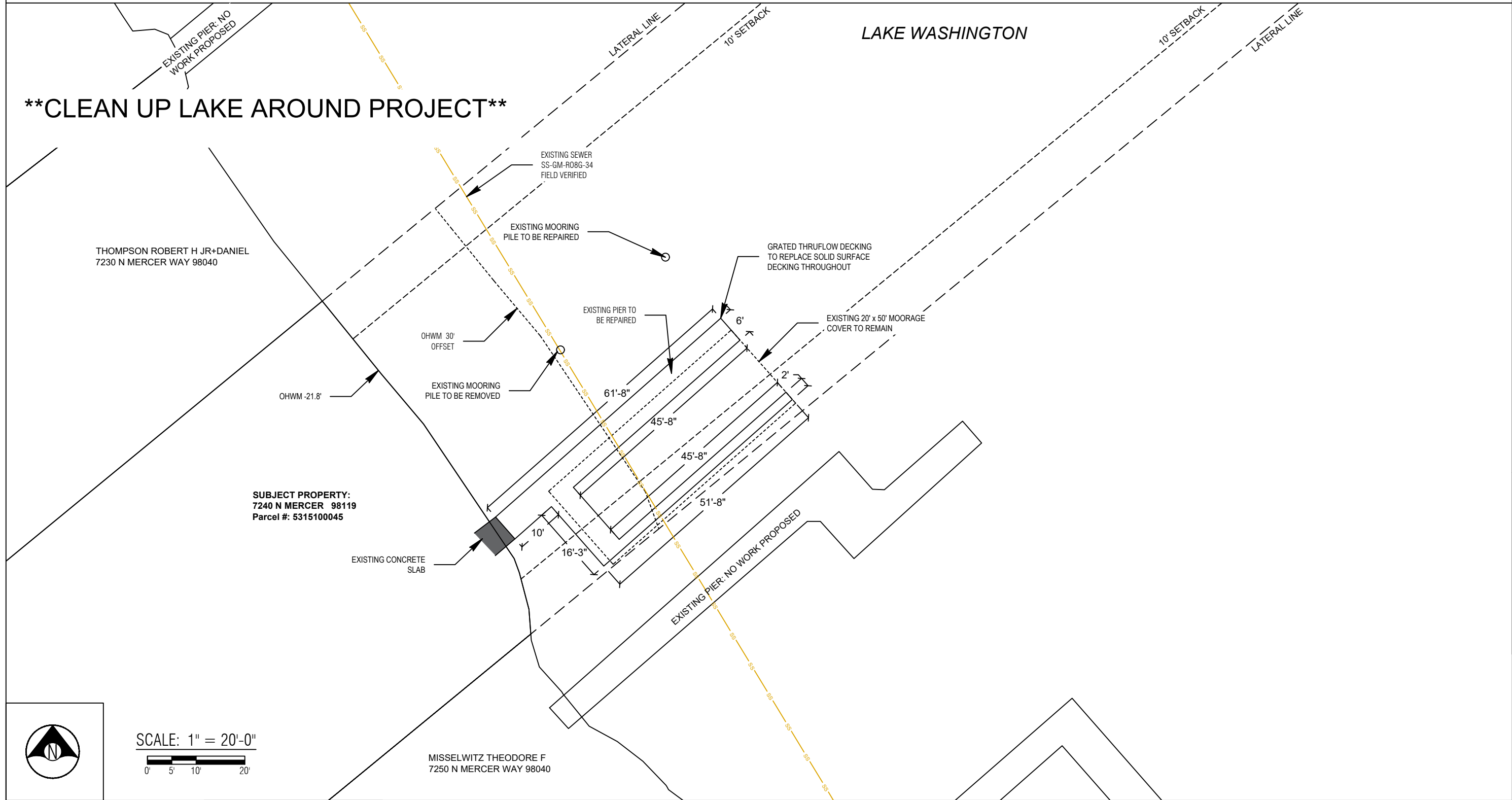
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SW Quarter Of Section 01, Township 24, Range 04

Adjacent Owners:  
THOMPSON ROBERT H JR+DANIEL  
7230 N MERCER WAY 98040  
MISSELWITZ THEODORE F  
7250 N MERCER WAY 98040

**SHEET  
A1.0**

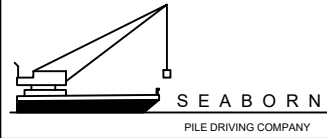
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PAGE 1 OF 9

# EXISTING CONDITIONS



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MISSELWITZ THEODORE F  
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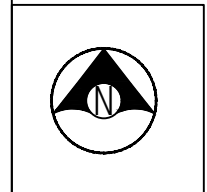
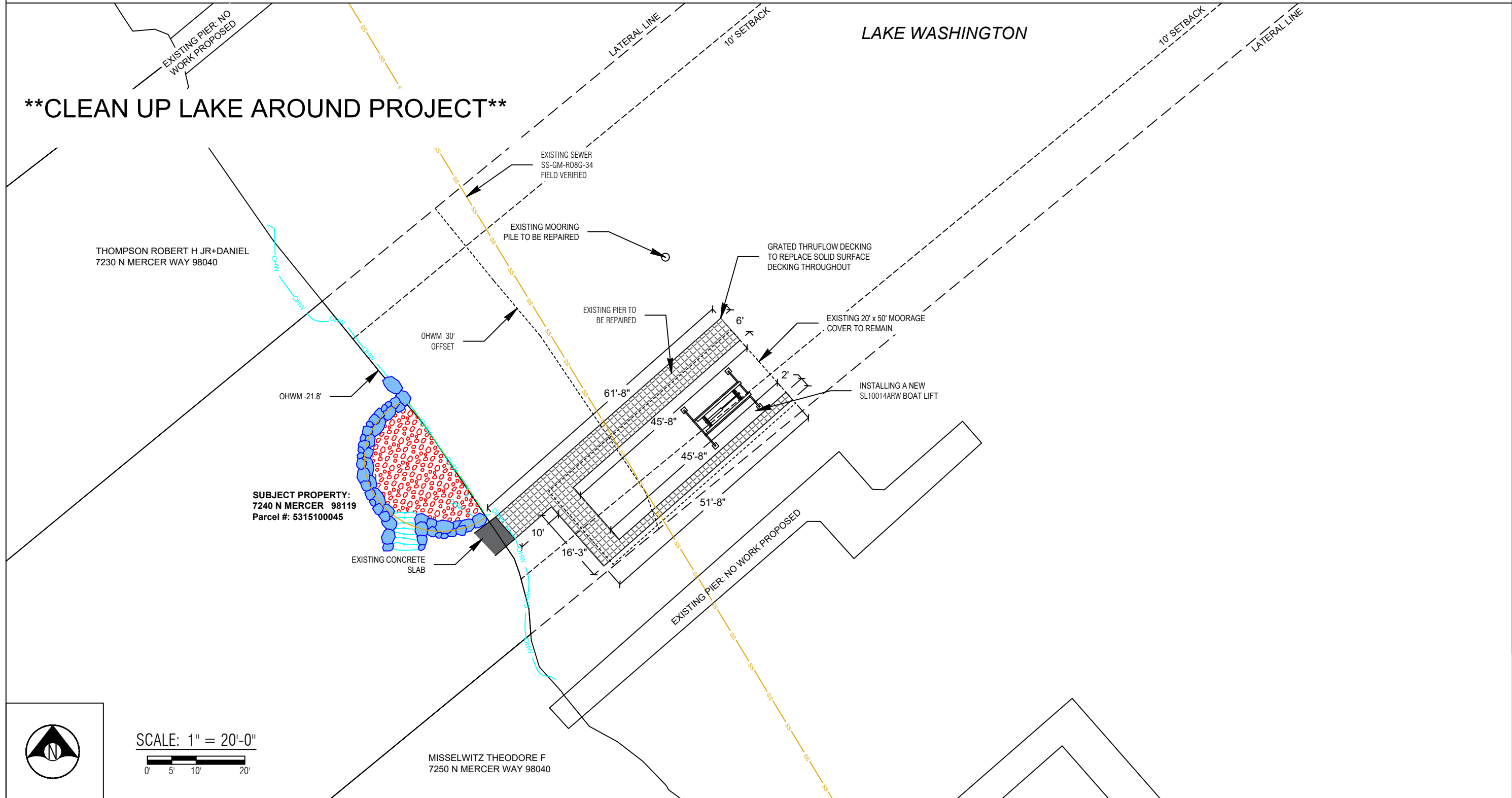
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 PAGE 2 OF 9

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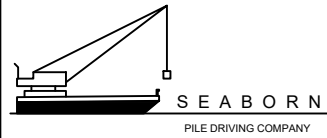


# PROPOSED CONDITIONS



SCALE: 1" = 20'-0"  
 0' 5' 10' 20'

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 Applicant: Sun Residence  
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 Mercer Island, WA 98119  
 County: King County  
 Location: Lake Washington  
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**SHEET  
 A3.0**  
 NWS-2020-XXX  
 PAGE 3 OF 9

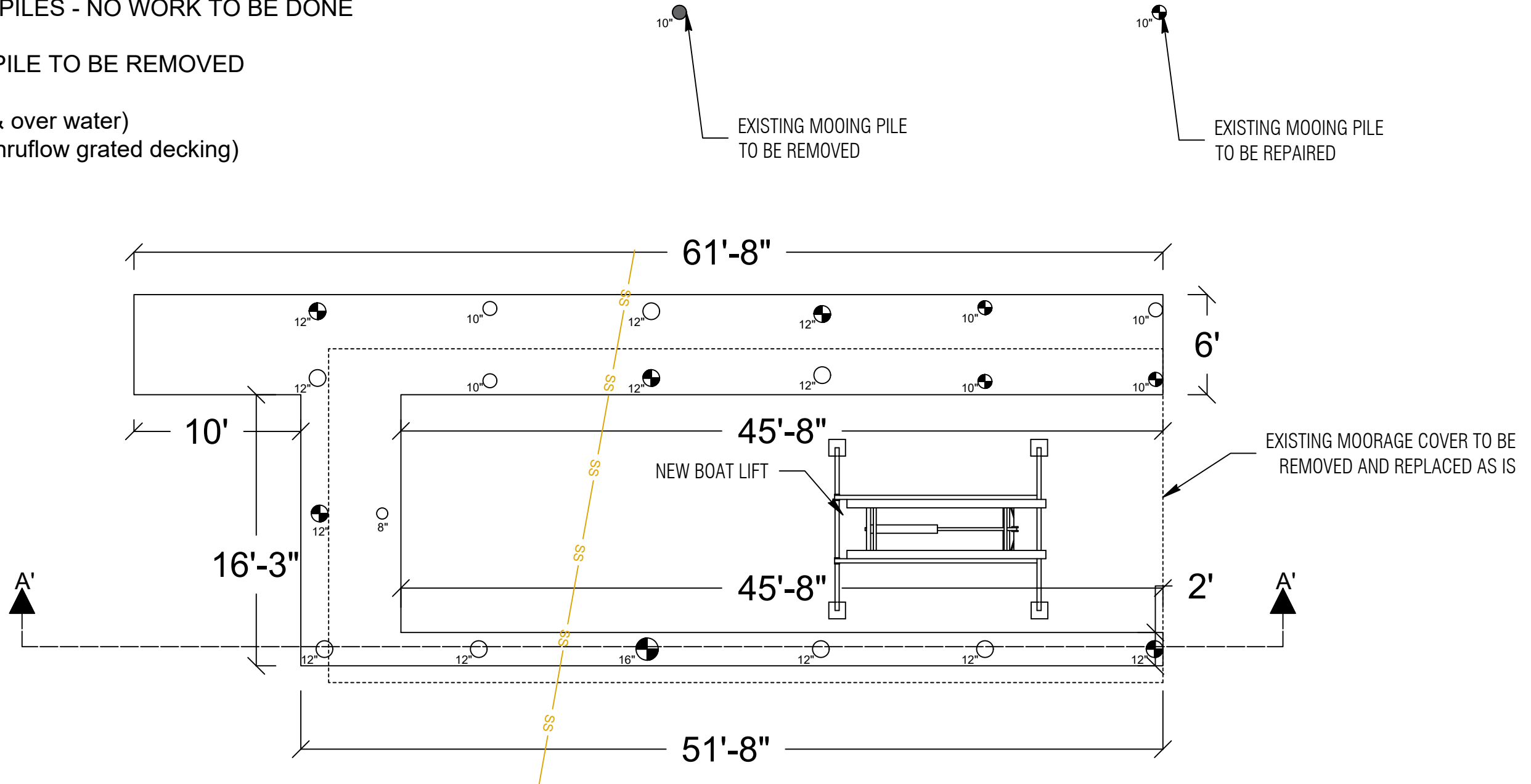
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# PIER DETAILS

## LEGEND

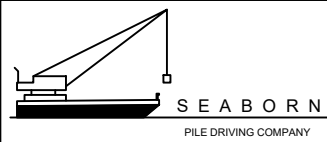
- ⊕ (10) EXISTING PILES - TO BE REPAIRED
- (11) EXISTING PILES - NO WORK TO BE DONE
- (1) MOORING PILE TO BE REMOVED

Area: 559 sqft (total & over water)  
 Area: 559 sqft (new thruflow grated decking)



PLAN VIEW

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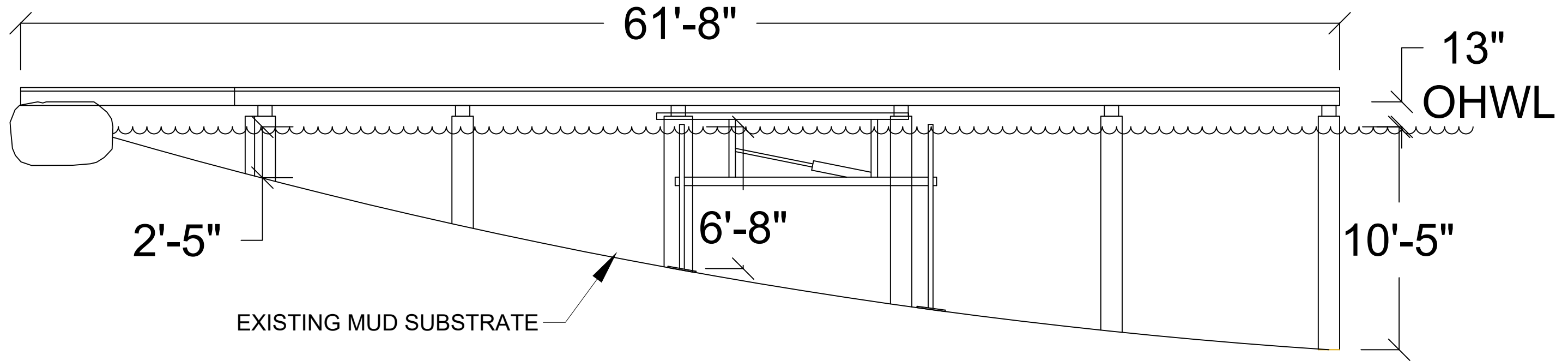
Adjacent Owners:  
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**SHEET A4.0**

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 PAGE 4 OF 9

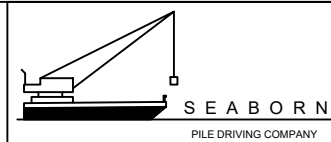
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# PIER DETAILS



## SECTION VIEW

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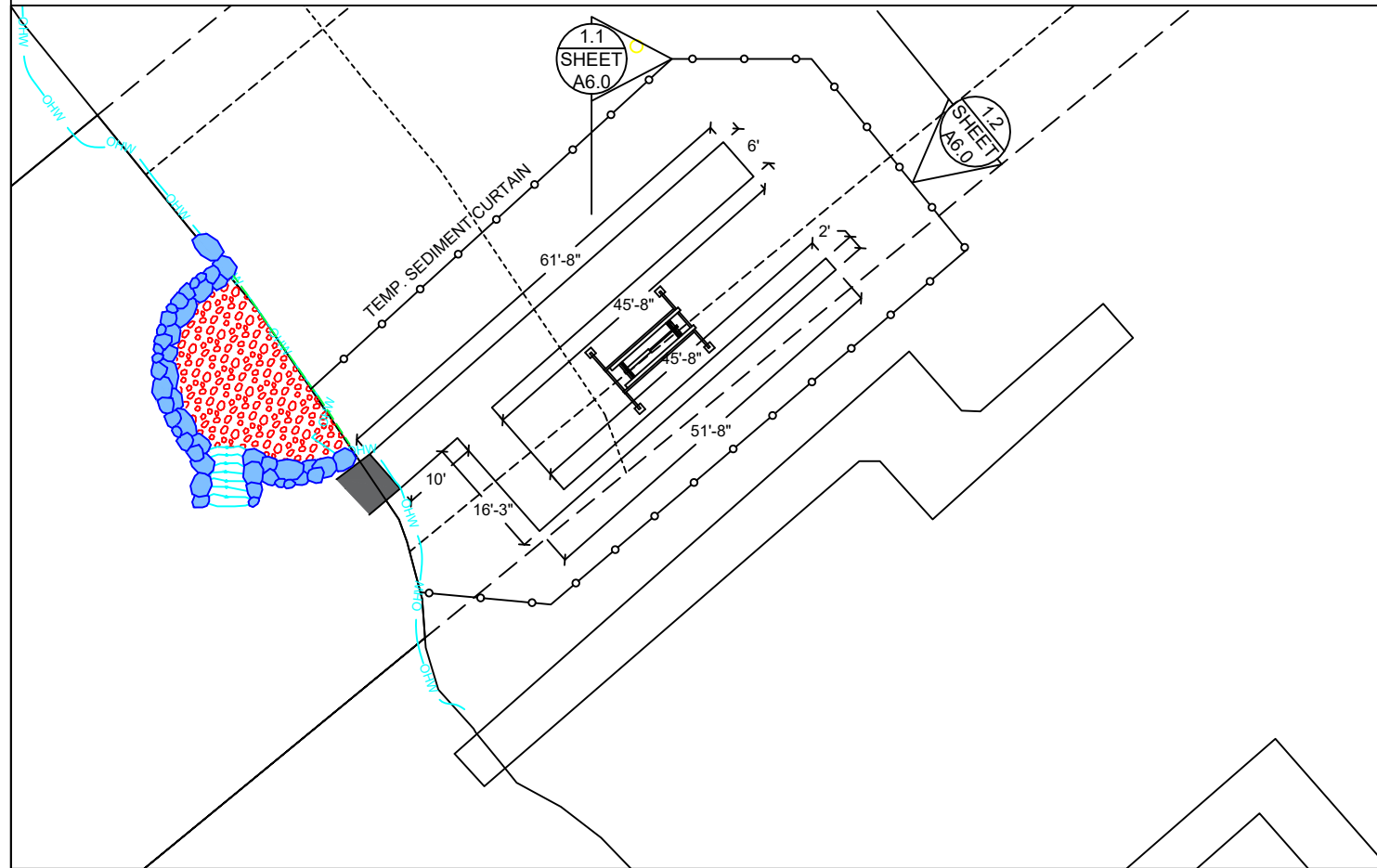
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**SHEET  
 A5.0**

# BMP INFORMATION

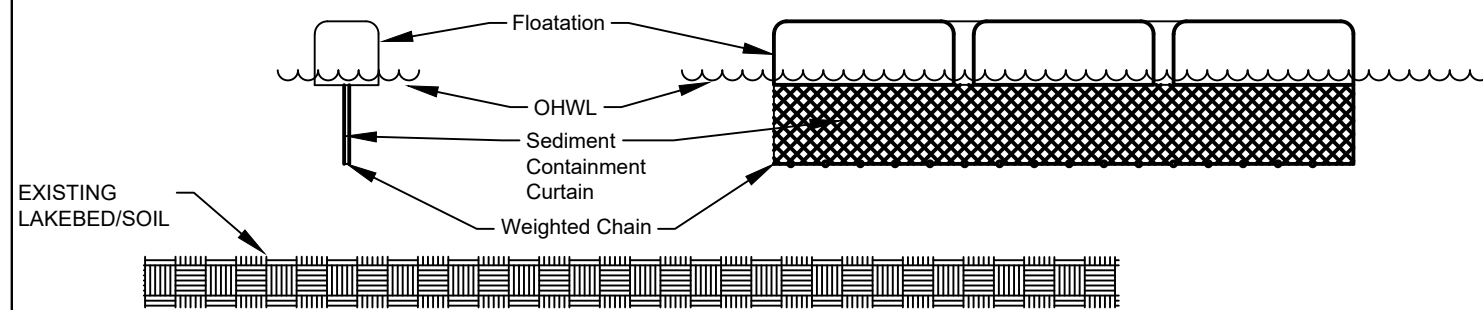


## BMP NOTES:

- A. Constant vigilance shall be kept for the presence of protected fish species during all aspects of the proposed action, particularly during in-water activities such as vessel movement, deployment of anchors & spuds, pile driving, dredging, and placement of gravels and other fill.
1. The project manager shall designate an appropriate number of competent observers to survey the project site and adjacent areas for protected species, including the presence of fish as conditions allow.
  2. Visual surveys shall be made prior to the start of work each day, and prior to resumption of work following any break of more than an hour. Periodic additional visual surveys throughout the work day are strongly recommended.
  3. All in-water work shall be done during the in-water work window for the waterbody. Where there is a difference between the USCOE and WDFW work windows, the overlap of the two shall apply.
  4. All pile driving and extraction shall be postponed or halted when obvious aggregations or schooling of fish are observed within 50 yards of that work, and shall only begin/resume after the animals have voluntarily departed the area.
  5. When piloting vessels, vessel operators shall operate at speeds and power settings to avoid grounding vessels, and minimize substrate scour and mobilization of bottom sediments.
- B. No contamination of the marine environment shall result from project-related activities.
1. Appropriate materials to contain and clean potential spills shall be stored and readily available at the work site and/or aboard project-related vessels.
  2. The project manager and heavy equipment operators shall perform daily pre-work equipment inspections for cleanliness and leaks. All heavy equipment operations shall be postponed or halted should a leak be detected, and shall not proceed until the leak is repaired and the equipment is cleaned.
  3. To the greatest extent practicable, utilize biodegradable oils for equipment that would be operated in or near water.
  4. Fueling of land-based vehicles and equipment shall take place at least 50 feet away from the water, preferably over an impervious surface. Fueling of vessels shall be done at approved fueling facilities.
  5. Turbidity and siltation from project-related work shall be minimized and contained through the appropriate use of erosion control practices, effective silt containment devices, and the curtailment of work during adverse weather and tidal/flow conditions.
  6. All wastes shall be collected and contained for proper disposal at approved upland disposal sites appropriate for the material(s).
  7. When removing piles and other similarly treated wood, containment booms must fully enclose the work area. Wood debris, oils, and any other materials released into lake waters must be collected, removed, and properly disposed of at approved disposal sites.
  8. All in- and over-water wood cutting would be limited to the minimum required to remove the subject wood component, and all cutting work should be enclosed within floating containment booms.
  9. When removing piles, no actions shall be taken that would cause adhering sediments to return to lake waters.
  10. Above-water containment shall be installed around removed piles to prevent sediment laden waters from returning to lake waters.
  11. Construction staging (including stocking of materials, etc.) will occur on the supply barge.

DETAIL 1.1

DETAIL 1.2

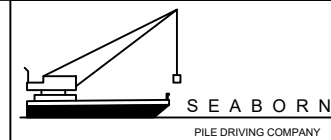


DETAIL 1.1 & 1.2

Prepared By:

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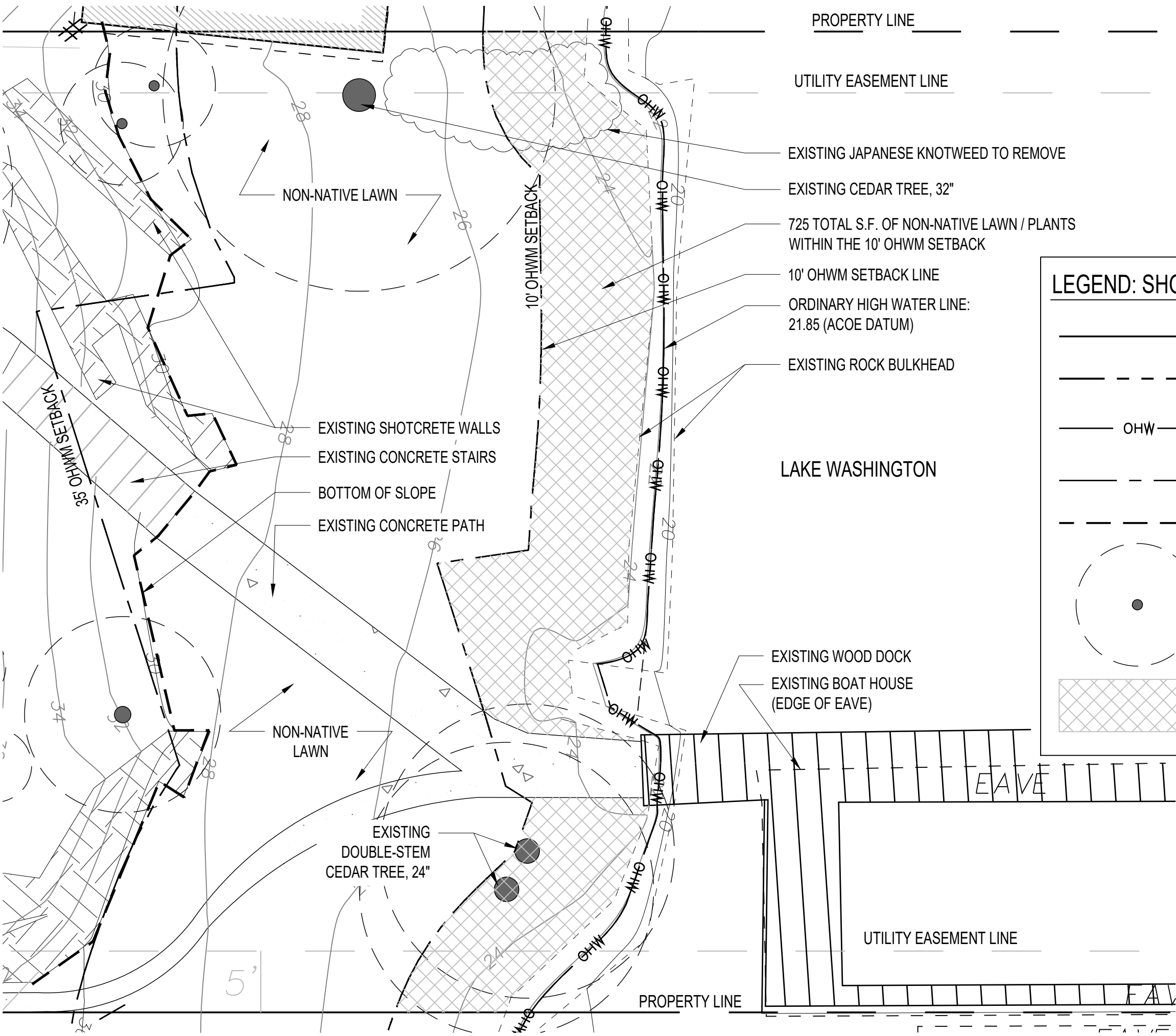
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**SHEET  
A6.0**



PROPERTY LINE

UTILITY EASEMENT LINE

EXISTING JAPANESE KNOTWEED TO REMOVE

EXISTING CEDAR TREE, 32"

725 TOTAL S.F. OF NON-NATIVE LAWN / PLANTS WITHIN THE 10' OHWM SETBACK

10' OHWM SETBACK LINE

ORDINARY HIGH WATER LINE: 21.85 (ACOE DATUM)

EXISTING ROCK BULKHEAD

LAKE WASHINGTON

EXISTING WOOD DOCK

EXISTING BOAT HOUSE (EDGE OF EAVE)

UTILITY EASEMENT LINE

PROPERTY LINE

**LEGEND: SHORELINE**

	PROPERTY LINE
	SETBACK LINE
	ORDINARY HIGH WATER MARK (OHWM)
	OHWM SETBACK LINE
	BOTTOM OF SLOPE
	EXISTING TREE
	10' OHWM BUFFER ZONE



**Land Morphology**

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Seattle, WA 98101  
206 443 2120

www.landmorphology.com

**SUN RESIDENCE**

7240 NORTH MERCER WAY  
MERCER ISLAND, WA 98040

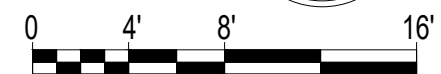
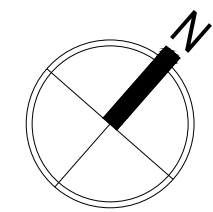
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Date: 10/01/2020

Drawn By: MJ

Checked By: RF

Revisions:

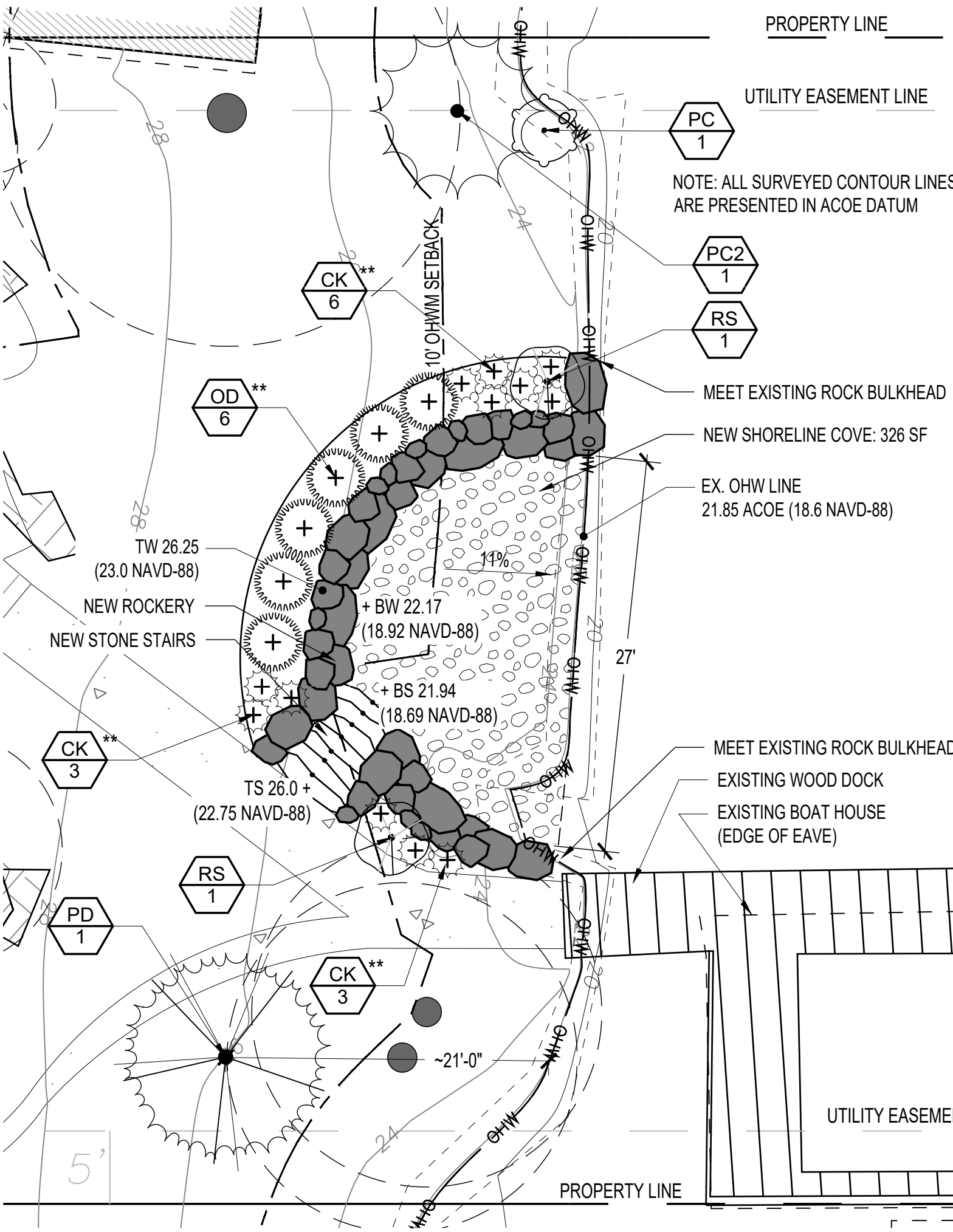


Sheet:

**L-1.0**

**EX. VEG. PLAN**





### PLANT SCHEDULE SHORELINE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT
	PC2	1	PINUS CONTORTA 'CONTORTA' SHORE PINE	5 GAL
	PD	1	PSEUDOTSUGA MENZIESII DOUGLAS FIR	5 GAL
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	CK **	12	CORNUS SERICEA 'KELSEYI' KELSEYI DOGWOOD	2 GAL
	OD **	6	OSMANTHUS DELAVAYI DELAVAYI OSMANTHUS	3 GAL
	PC	1	PHYSOCARPUS CAPITATUS PACIFIC NINEBARK	3 GAL
	RS	2	RIBES SANGUINEUM RED FLOWERING CURRANT	5 GAL

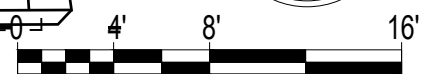
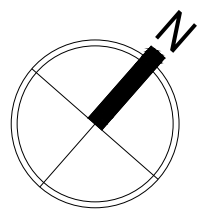
\*\* NOTE: THESE SHRUBS ARE OUTSIDE OF THE 10' OHWM PLANTING ZONE OR EXTRA SHRUBS NOT REQUIRED BY RAP



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 Date: 10/01/2020  
 Drawn By: MJ  
 Checked By: RF  
 Revisions:



Sheet: **L-1.1**  
**PLANTING PLAN**

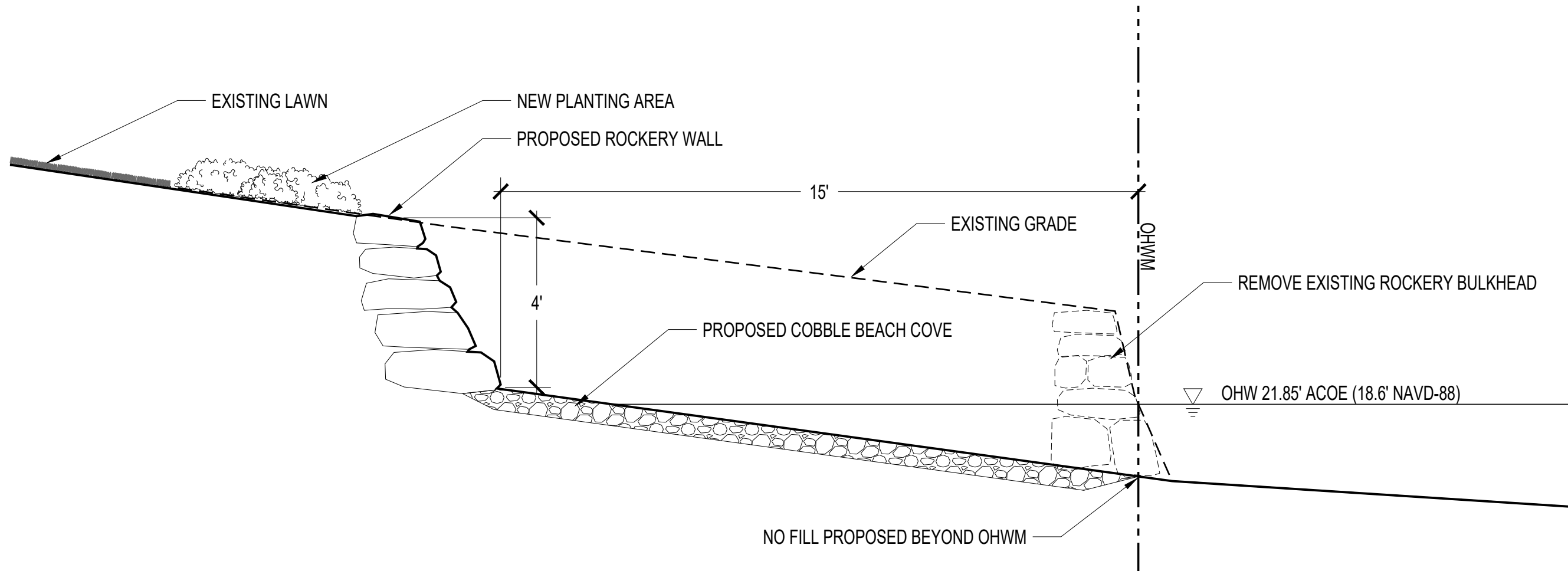




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1 COBBLE BEACH COVE – SECTION  
SCALE: 3/8"=1'-0"

SUN RESIDENCE

7240 NORTH MERCER WAY  
MERCER ISLAND, WA 98040

Scale: 3/8" = 1'-0"

Date: 10/01/2020

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L-1.2  
SECTIONS