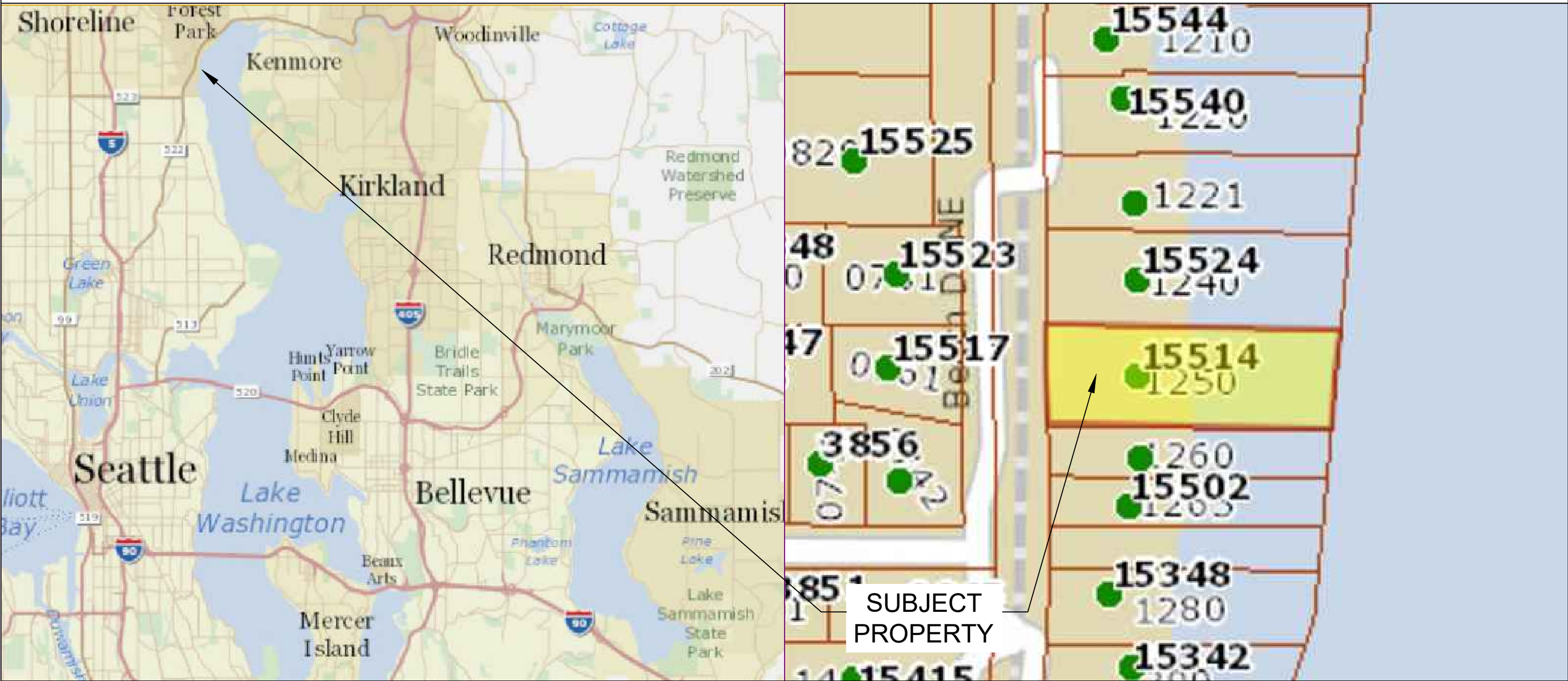


SITE PLAN



Pin: 674470-1250

Legal Description: PETTITS LAKE WASHINGTON ACRE TRS S 46 2/3 FT OF P & N 46 2/3 FT OF Q & SH LDS ADJ TGW A STRIP OF LD IF ANY LY W OF SD TRS P & Q & LY E OF NP RR R/W & BTWN N LN OF S 46 2/3 FT OF SD TR P EXT WLY & S LN OF N 46 2/3 FT OF SD TR Q EXT WLY

Plat Block: 61
Plat Lot: P-Q

LAT: 47.74149 LONG: -122.28399 ZONING: RS 7200



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Seattle, WA 98119

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Datum: CORPUS OF ENGINEERS 1919
NW Quarter Of Section 15, Township 26

Adjacent Owners.
GORMLEY THEODORE J
15508 LAKE SHORE BLVD 98155

Datum: CORPS OF ENGINEERS 1919
NW Quarter Of Section 15, Township 26, Range 04

Applicant: Limantzakis Residence
15514 Beach Dr. NE
Lake Forest Park, WA 98155
County: King County
Location: Lake Washington

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

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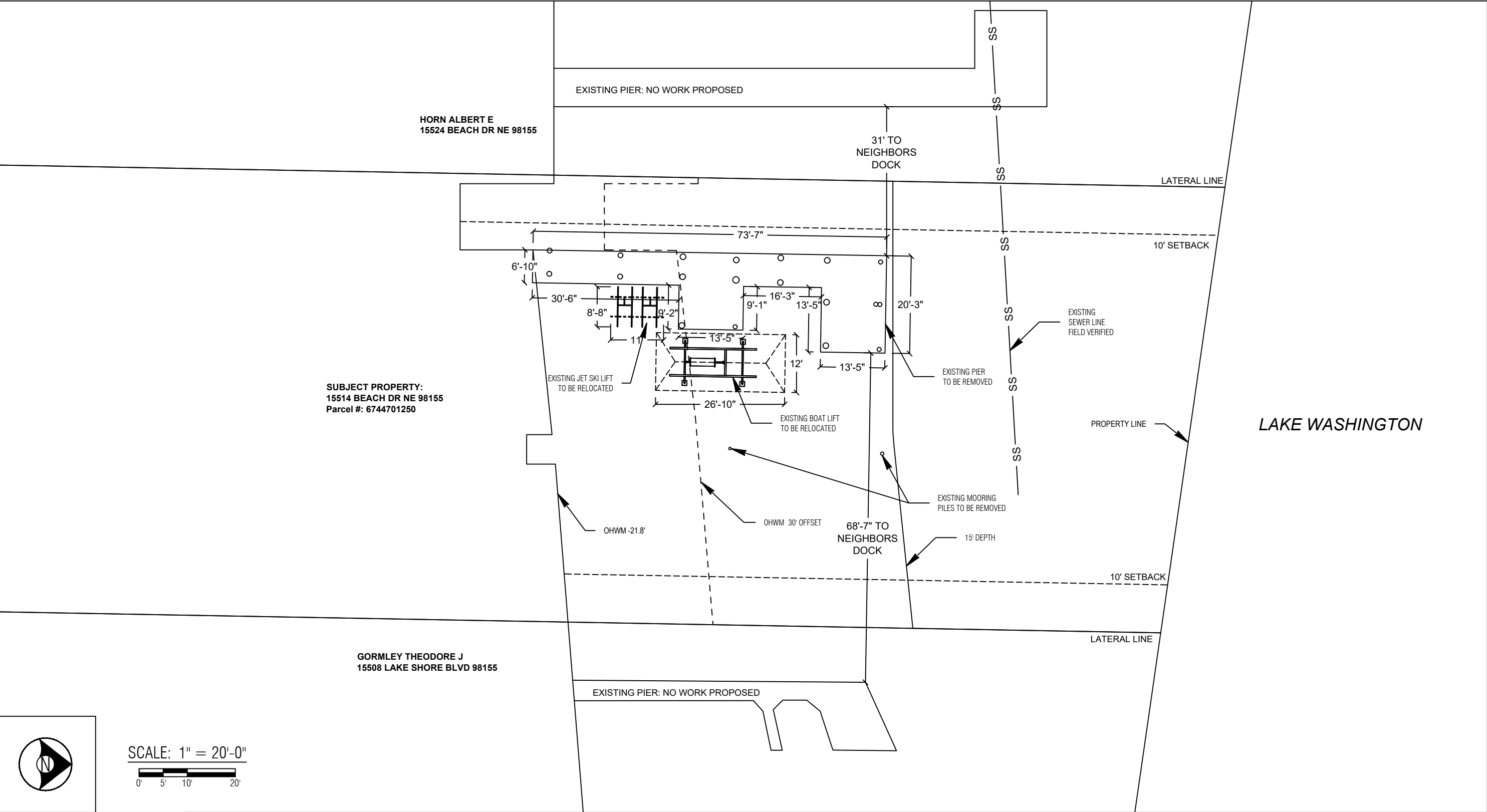
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EXISTING CONDITIONS

CLEAN UP LAKE AROUND PROJECT



SCALE: 1" = 20'-0"

0' 5' 10' 20'



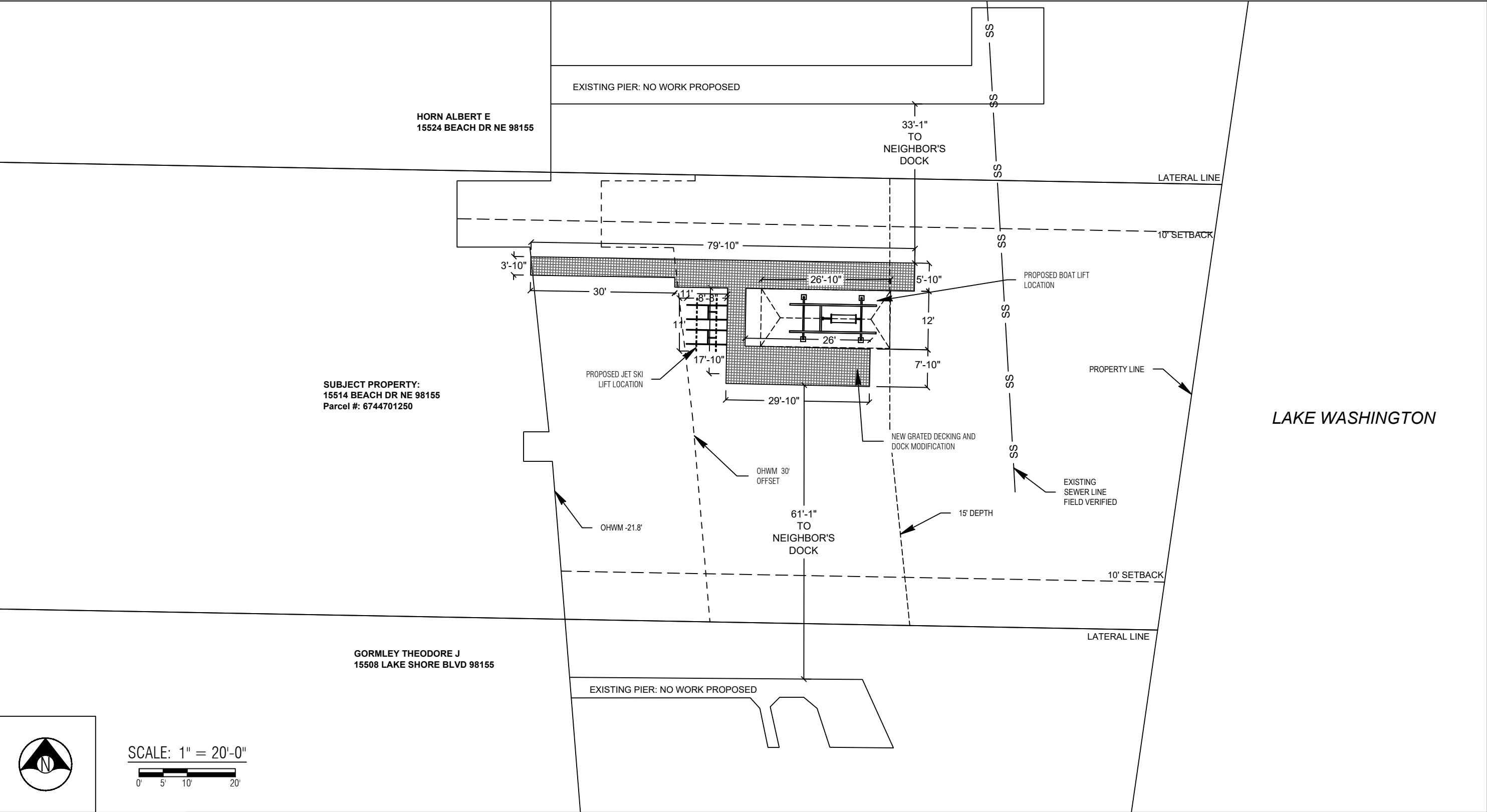
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Adjacent Owners: GORMLEY THEODORE J 15508 LAKE SHORE BLVD 98155	HORN ALBERT E 15524 BEACH DR NE 98155	Last Updated: 8/19/2021 2:00 PM Dray
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PROPOSED CONDITIONS





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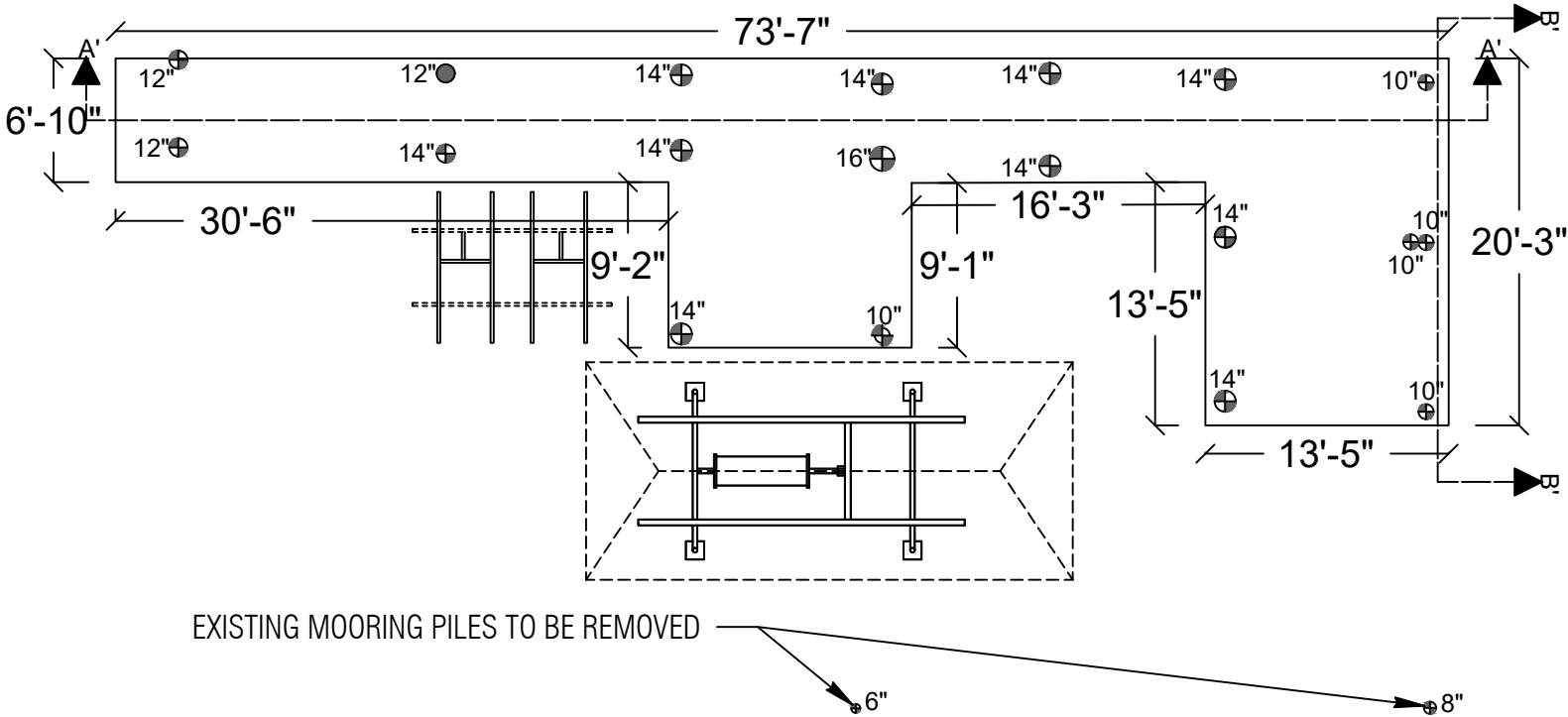
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PIER DETAILS - EXISTING

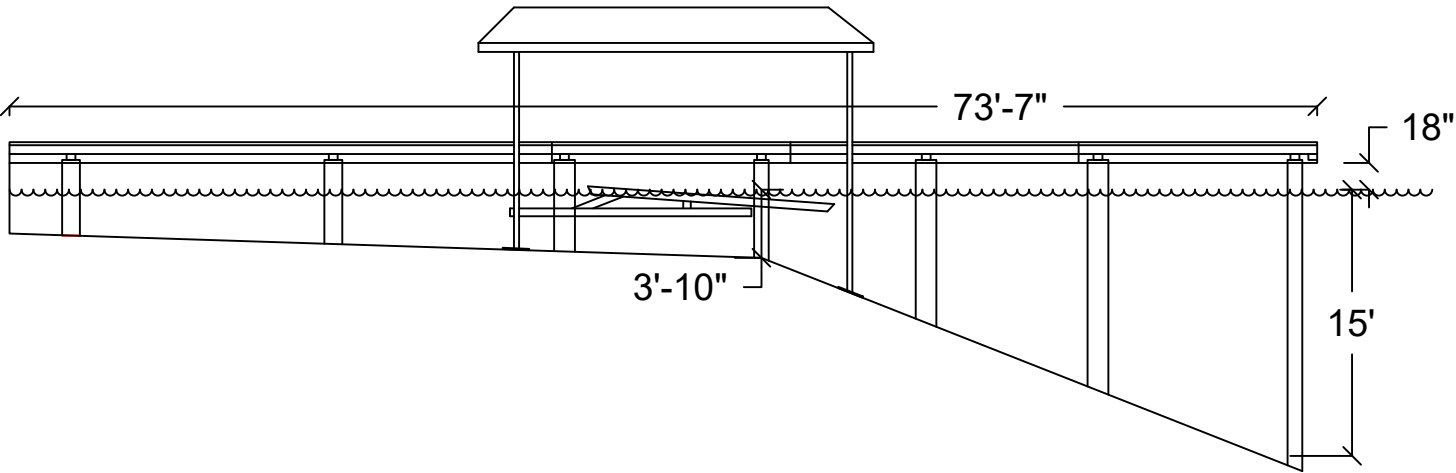
LEGEND

- ⊕ (18) EXISTING WOOD PILES - TO BE REMOVED
- ⊙ (2) EXISTING MOORING PILES - TO BE REMOVED
- (1) EXISTING WOOD PILE - TO BE REPAIRED

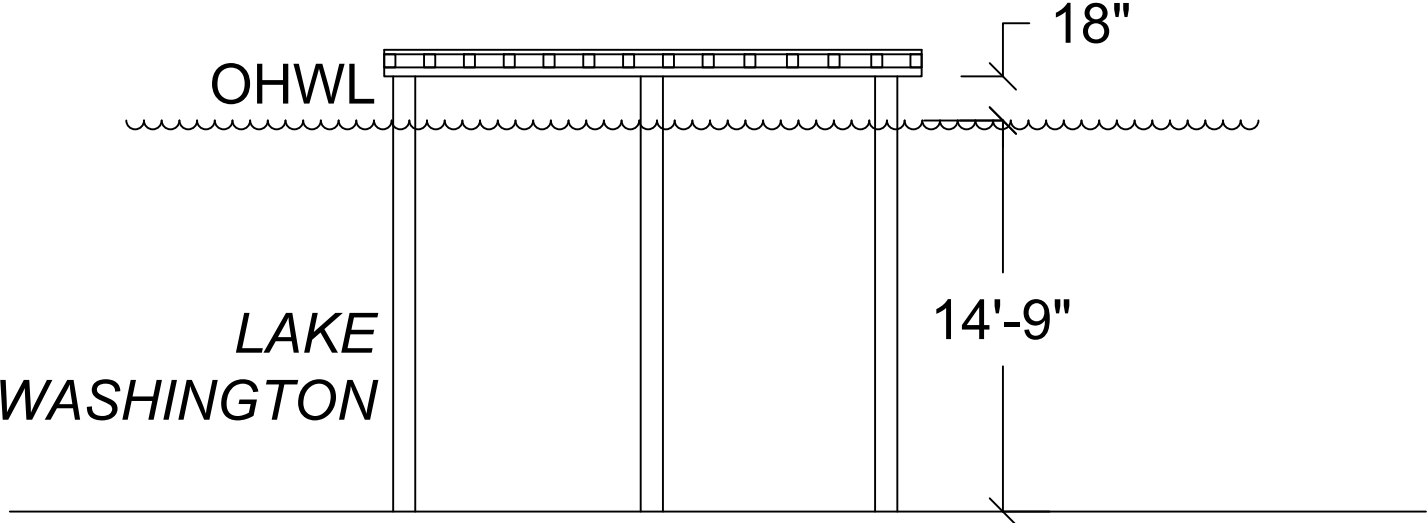
Area: 805 sqft (total & over water)



PLAN VIEW



SECTION VIEW: A'-A'



SECTION VIEW: B'-B'



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HORN ALBERT E
15524 BEACH DR NE 98155

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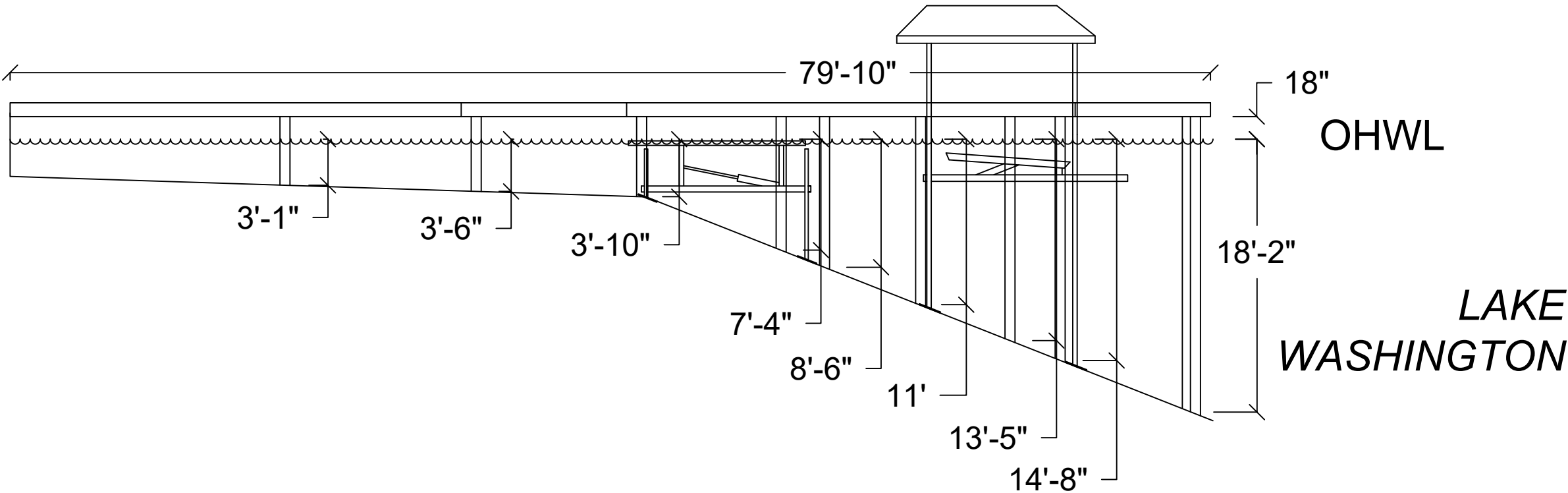
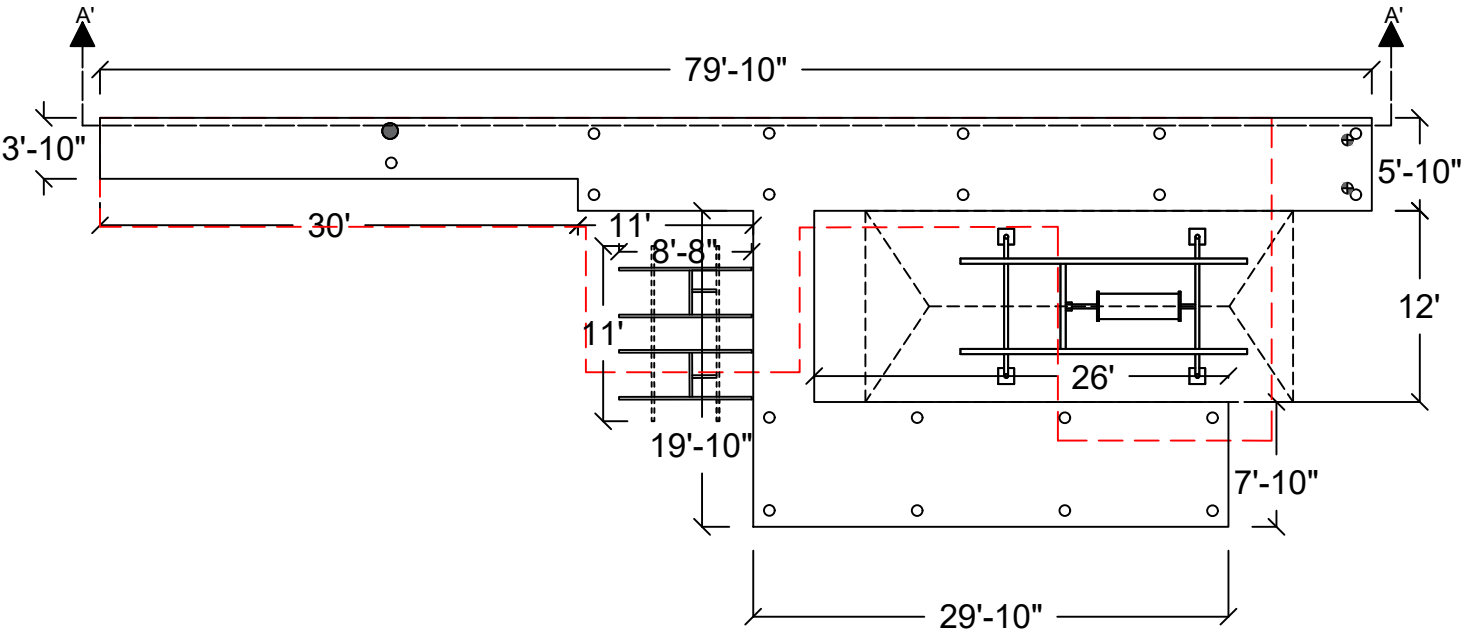
PIER DETAILS EXISTING/PROPOSED

LEGEND

- (21) NEW 8" STEEL PILES - TO BE INSTALLED
- ⊕ (4) NEW 8" STEEL BRACE PILES - TO BE INSTALLED
- (1) EXISTING PILE - TO BE REPAIRED

Area: 686 sqft (total & over water)

**Grated decking material is 43% light permeable



SECTION VIEW: A'-A'



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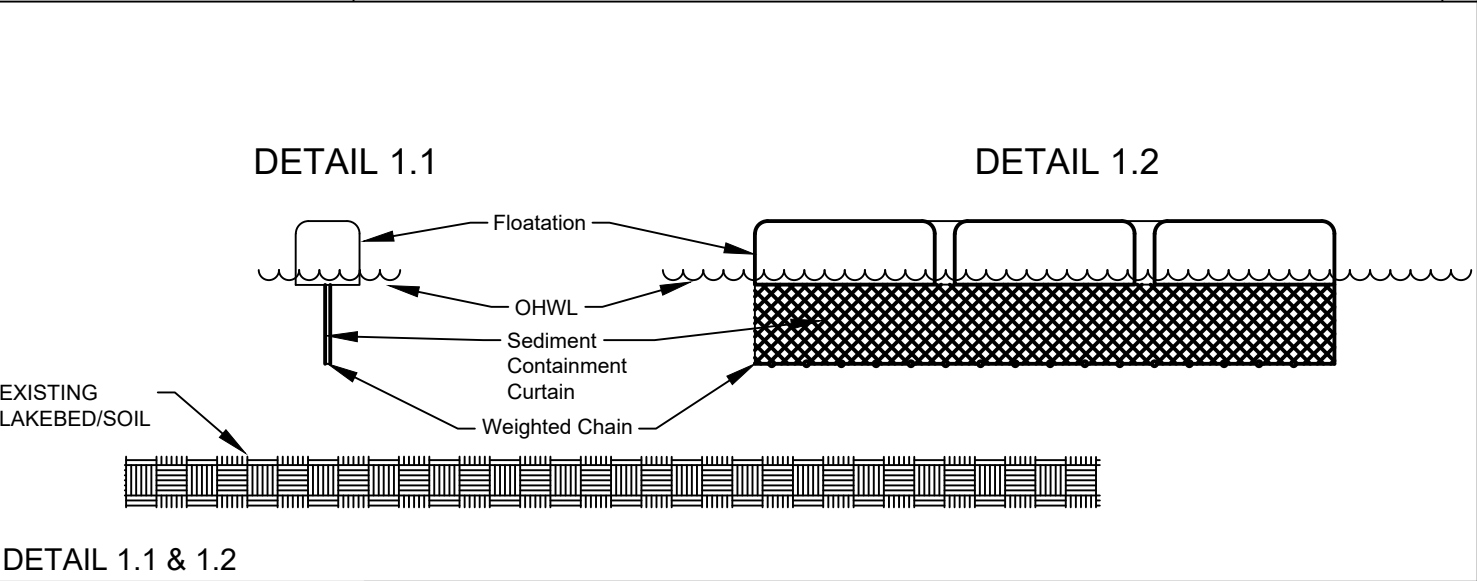
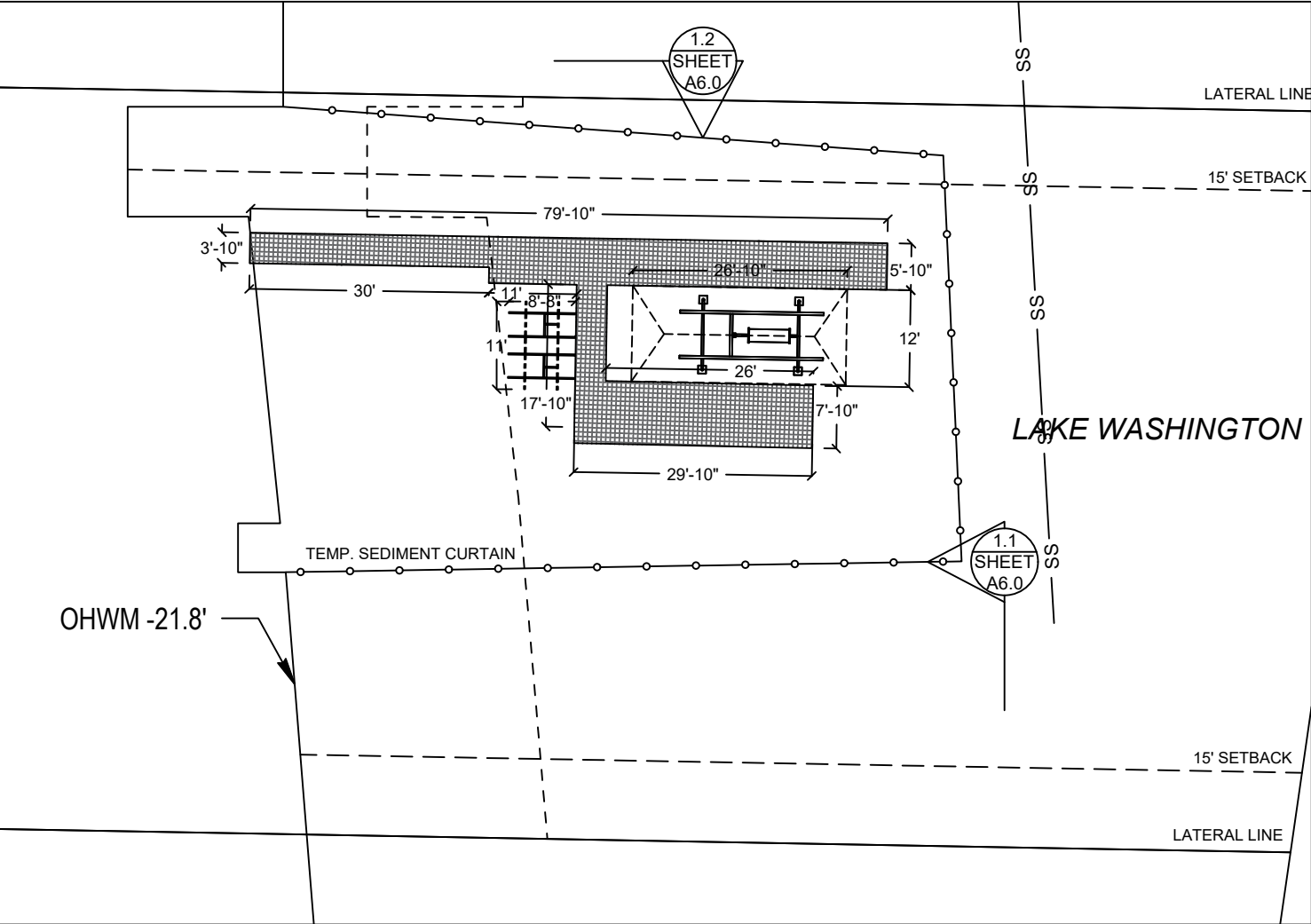
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BMP INFORMATION



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.

- 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.
- 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.
- 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.
- 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.
- 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.

- Appropriate materials to contain and clean potential spills shall be stored and readily available at the work site and/or aboard project-related vessels.
- 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.
- To the greatest extent practicable, utilize biodegradable oils for equipment that would be operated in or near water.
- 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.
- 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.
- All wastes shall be collected and contained for proper disposal at approved upland disposal sites appropriate for the material(s).
- 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.
- 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.
- When removing piles, no actions shall be taken that would cause adhering sediments to return to lake waters.
- Above-water containment shall be installed around removed piles to prevent sediment laden waters from returning to lake waters.
- Construction staging (including stocking of materials, etc.) will occur on the supply barge.
- All Exposed wood to be used on the project will be treated with a cheminite treatment.

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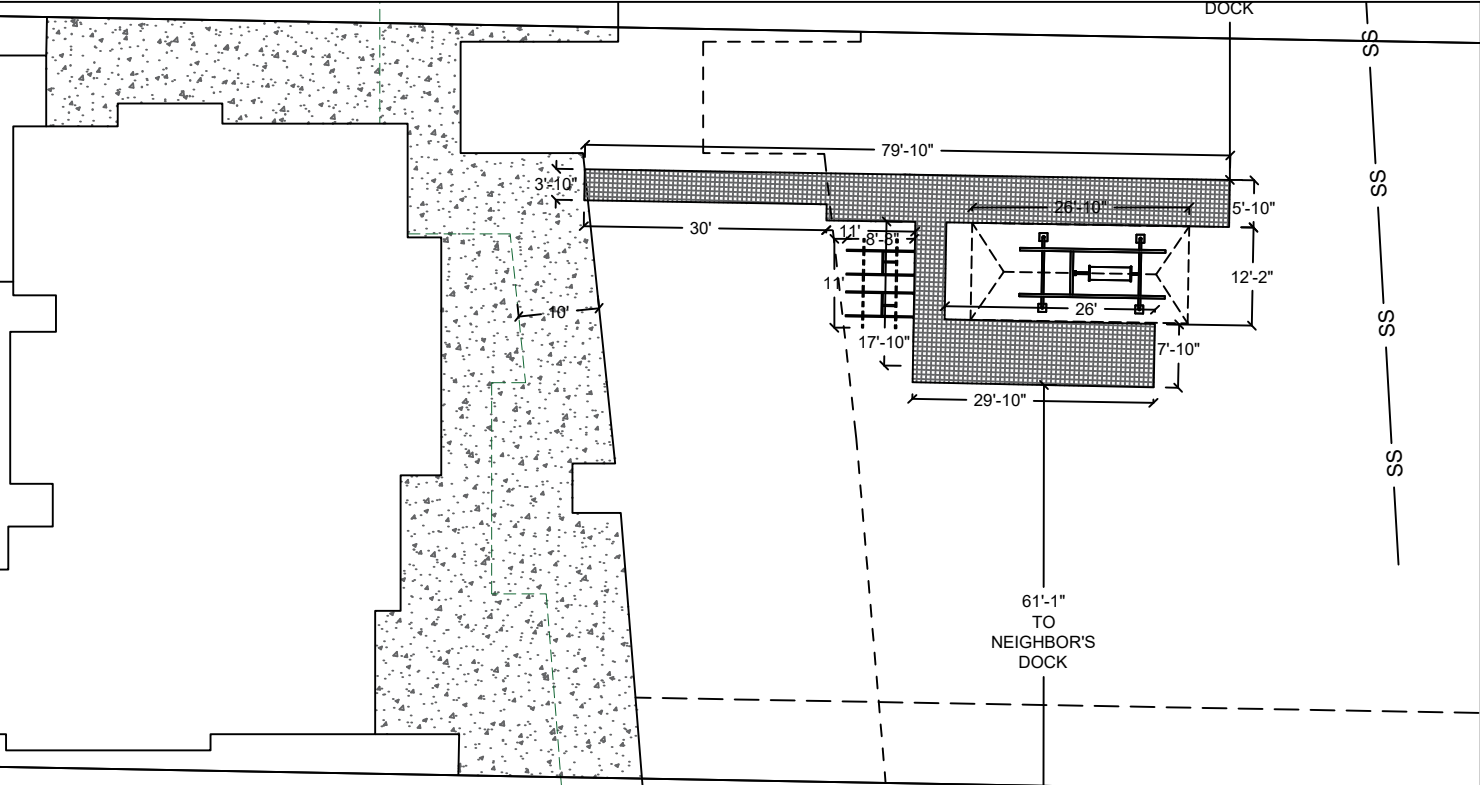
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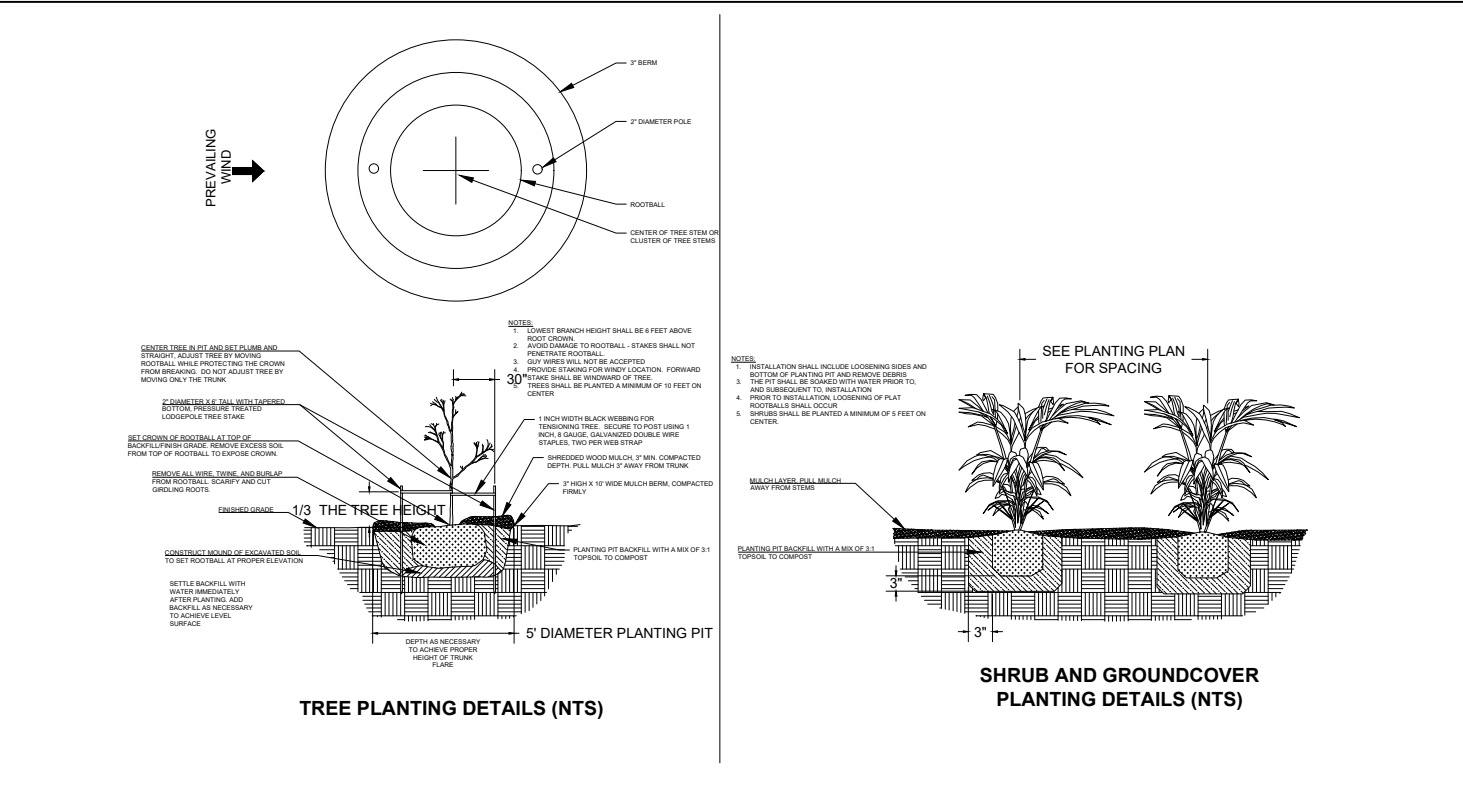
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MITIGATION PLAN



- 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.



NO PROPOSED PLANTS



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