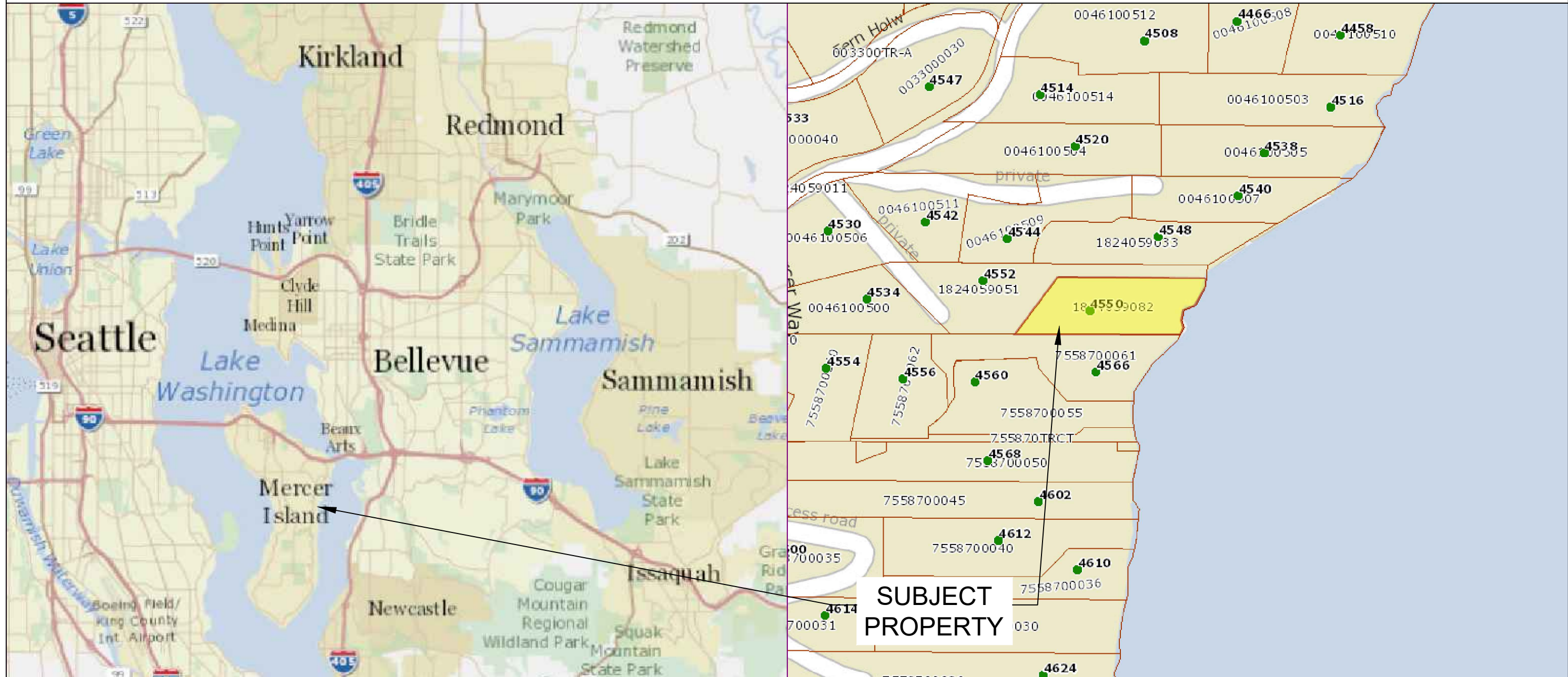


SITE PLAN



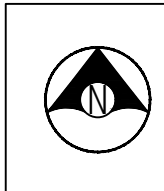
Pin: 182405-9082

Legal Description:

BEG NW COR OF S 1/4 OF NW 1/4 OF SE 1/4 TH N 89-16-30 E 1276.17 FT TO PT ON ELY MGN OF A 30 FT PRIVATE RD TH S 25-08-30 E 66.30 FT TH S 46-16-30 E 144.70 FT TH N 88-49-30 E 84.50 FT TH TPOB TH N 35-33-30 E 99.80 FT TH N 89-16-30 E TO SH LN OF LAKE WASH TH SLY ALG SD SH LN TO PT WH IS N 88-49-30 E FR TPOB TH S 88-49-30 W TO TPOB TGW 2ND CL SH LDS ADJ

Plat Block:
Plat Lot:

LAT: 47.5642 LONG: -122.20972



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County: King County
Location: Lake Washington

Applicant: Gurney Residence
4550 E. Mercer Way
Mercer Island, WA 98040

Datum: CORPS OF ENGINEERS 1919
SE Quarter Of Section 18, Township 24, Range 05

Adjacent Owners:
LEIBSOHN RONALD
4566 E MERCER WAY 98040
GEISNER IRENE MARKMAN AND K
4552 E MERCER WAY 98040

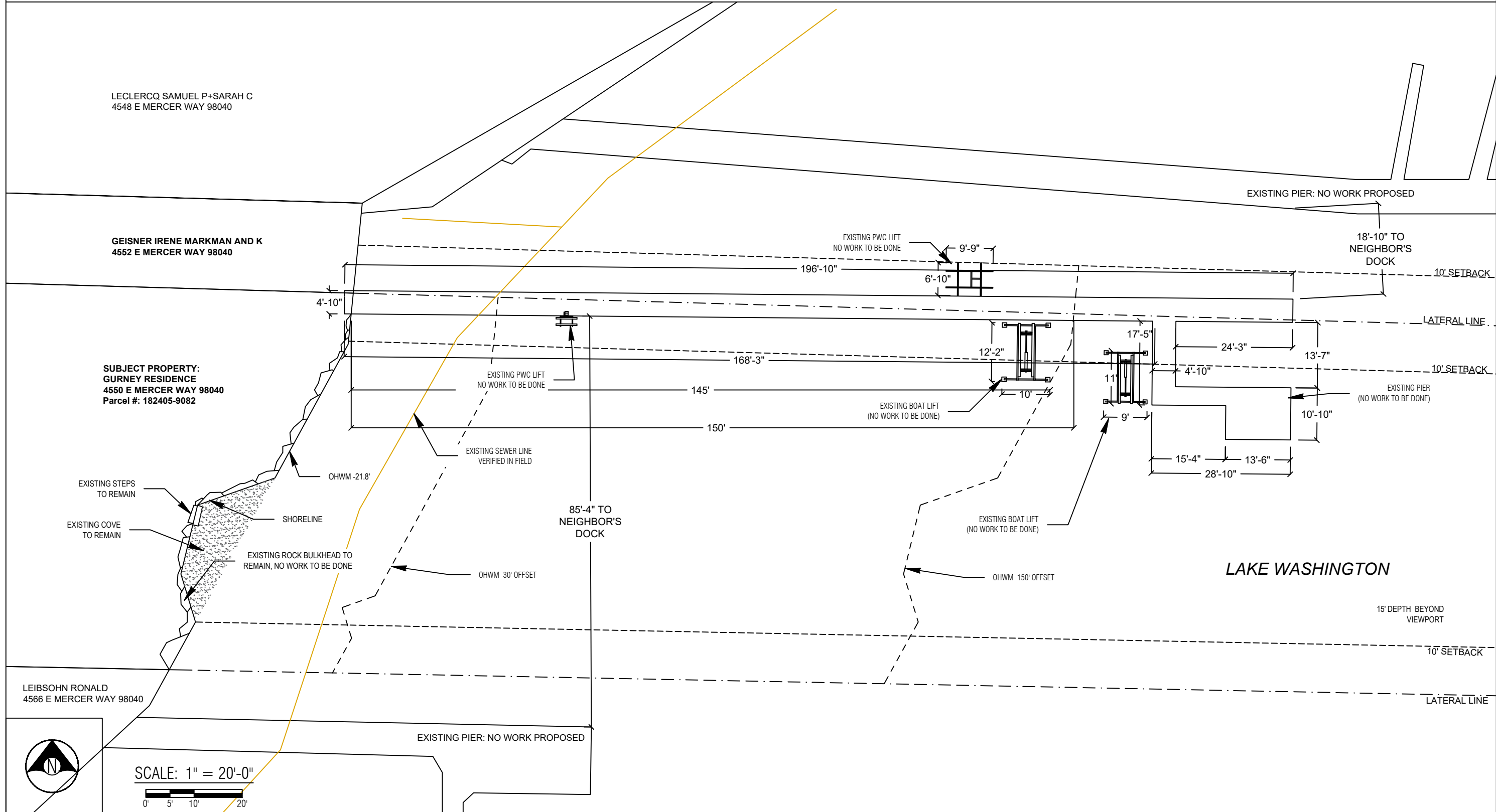
SHEET A1.0

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EXISTING CONDITIONS

****CLEAN UP LAKE AROUND PROJECT****



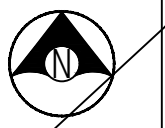
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SCALE: 1" = 20'-0"
0' 5' 10' 20'



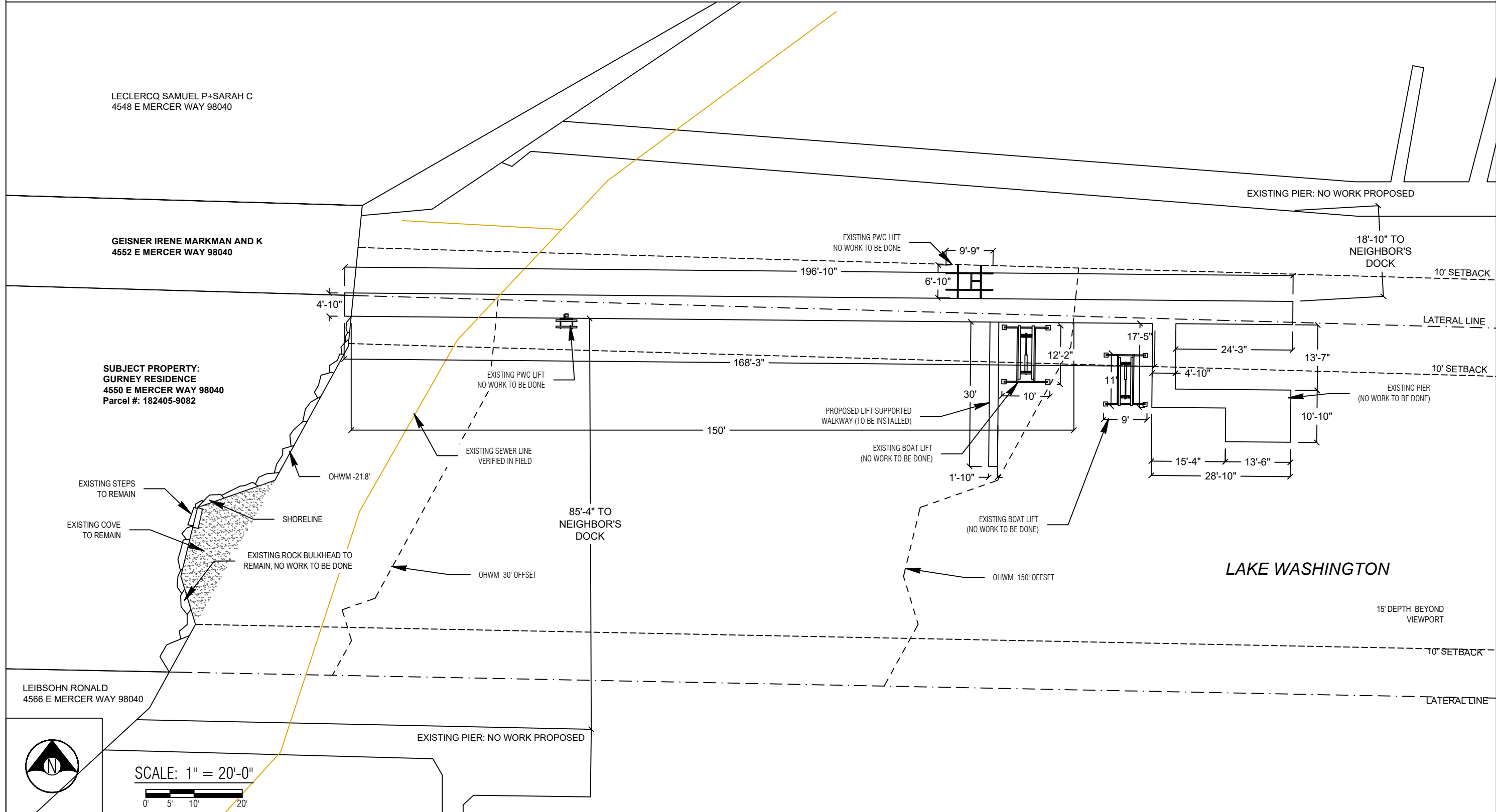
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**SHEET
A2.0**

PROPOSED CONDITIONS

****CLEAN UP LAKE AROUND PROJECT****



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**SHEET
A3.0**

PIER DETAILS - EXISTING/PROPOSED

LEGEND

○ (42) EXISTING PILES - NO WORK TO BE DONE

Existing Area: 1,214 sqft - NO WORK TO BE DONE

Proposed Walkway: 55 sqft - TO BE INSTALLED

EXISTING

(21) EXISTING CAPS
 (42) EXISTING PILES
 (89) EXISTING STRINGERS
 (42) EXISTING BRACKETS

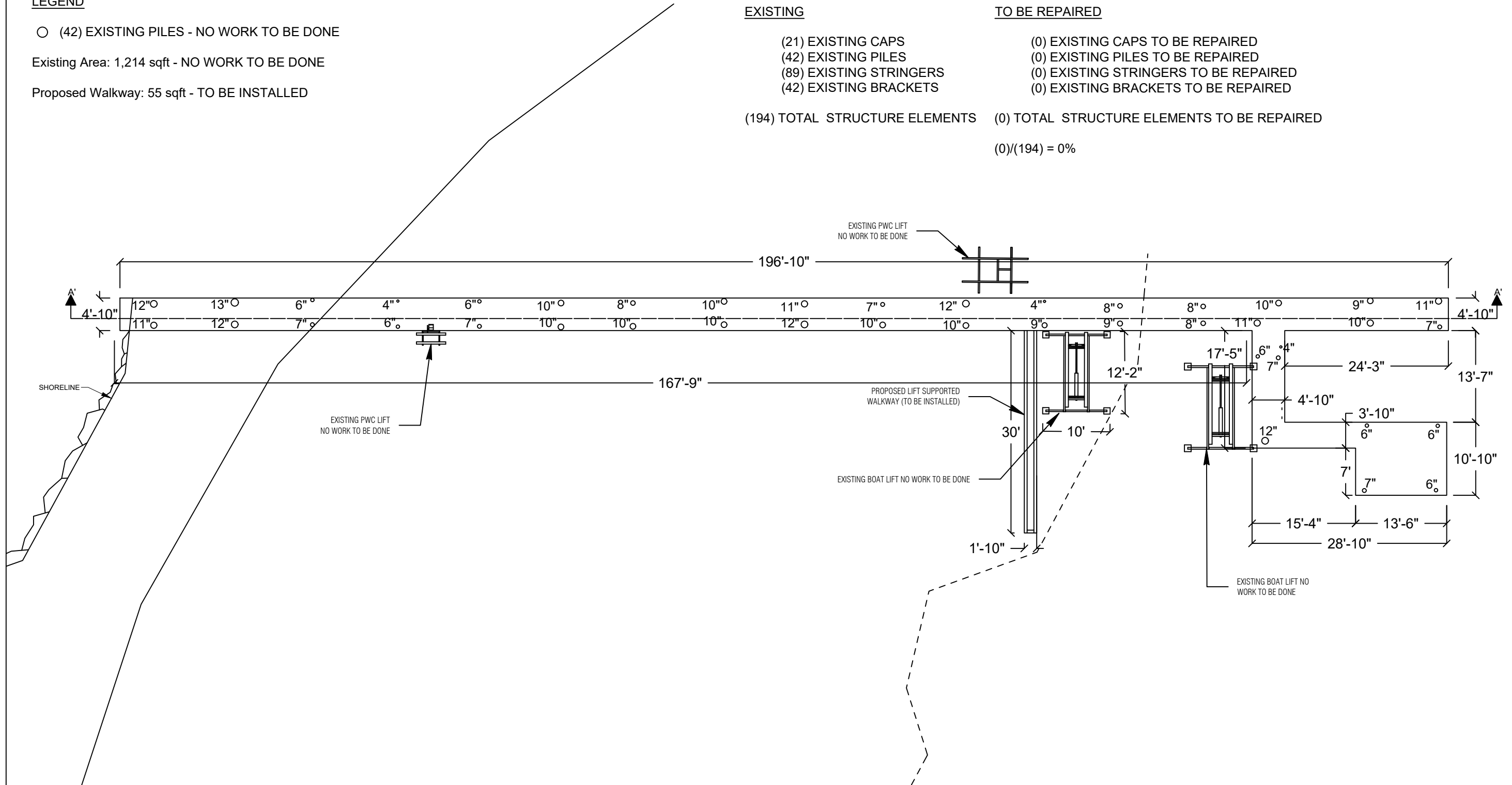
(194) TOTAL STRUCTURE ELEMENTS

TO BE REPAIRED

(0) EXISTING CAPS TO BE REPAIRED
 (0) EXISTING PILES TO BE REPAIRED
 (0) EXISTING STRINGERS TO BE REPAIRED
 (0) EXISTING BRACKETS TO BE REPAIRED

(0) TOTAL STRUCTURE ELEMENTS TO BE REPAIRED

(0)/(194) = 0%



PLAN VIEW



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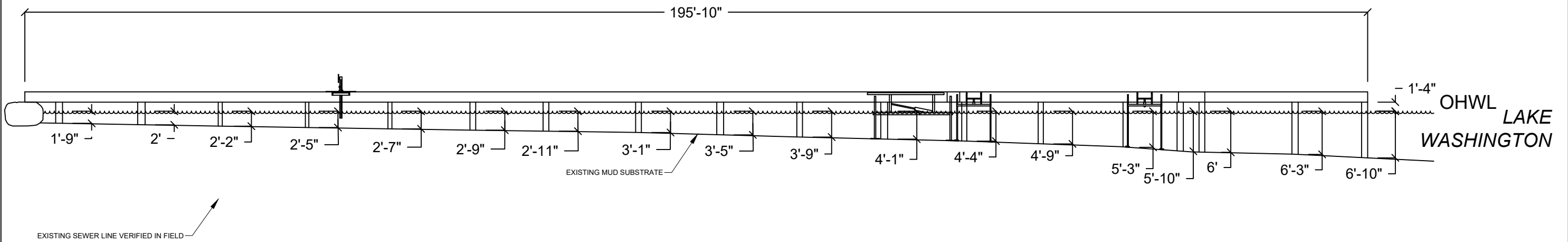
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A4.0

PIER DETAILS EXISTING/PROPOSED



SECTION VIEW: A'-A'



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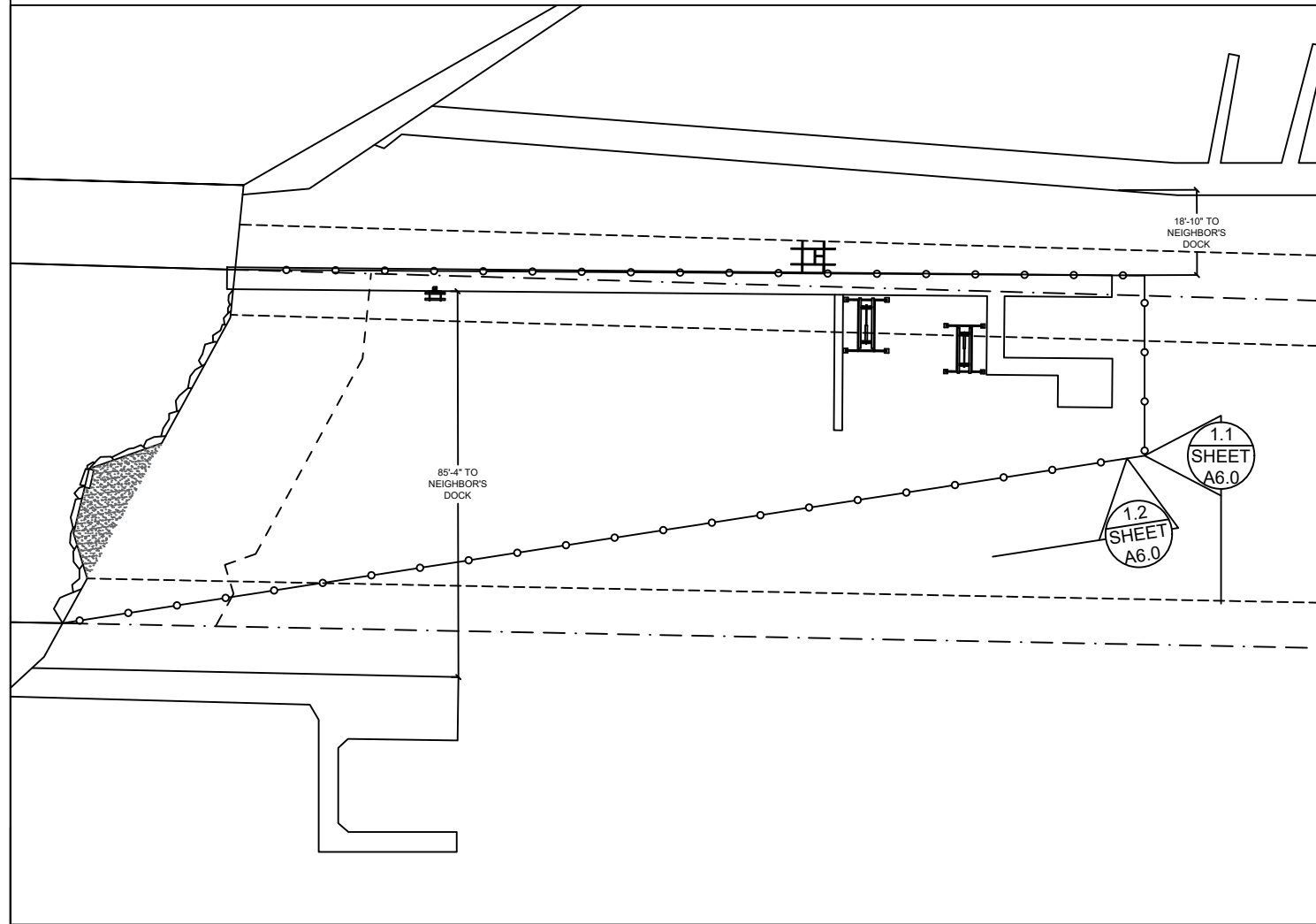
County: King County
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SHEET
A5.0

BMP INFORMATION

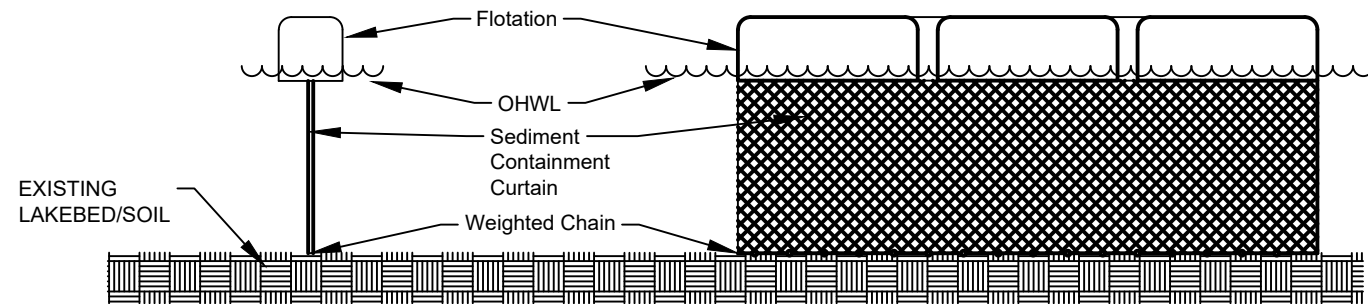


BMP NOTES:

- 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.
- 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.

DETAIL 1.1

DETAIL 1.2



DETAIL 1.1 & 1.2



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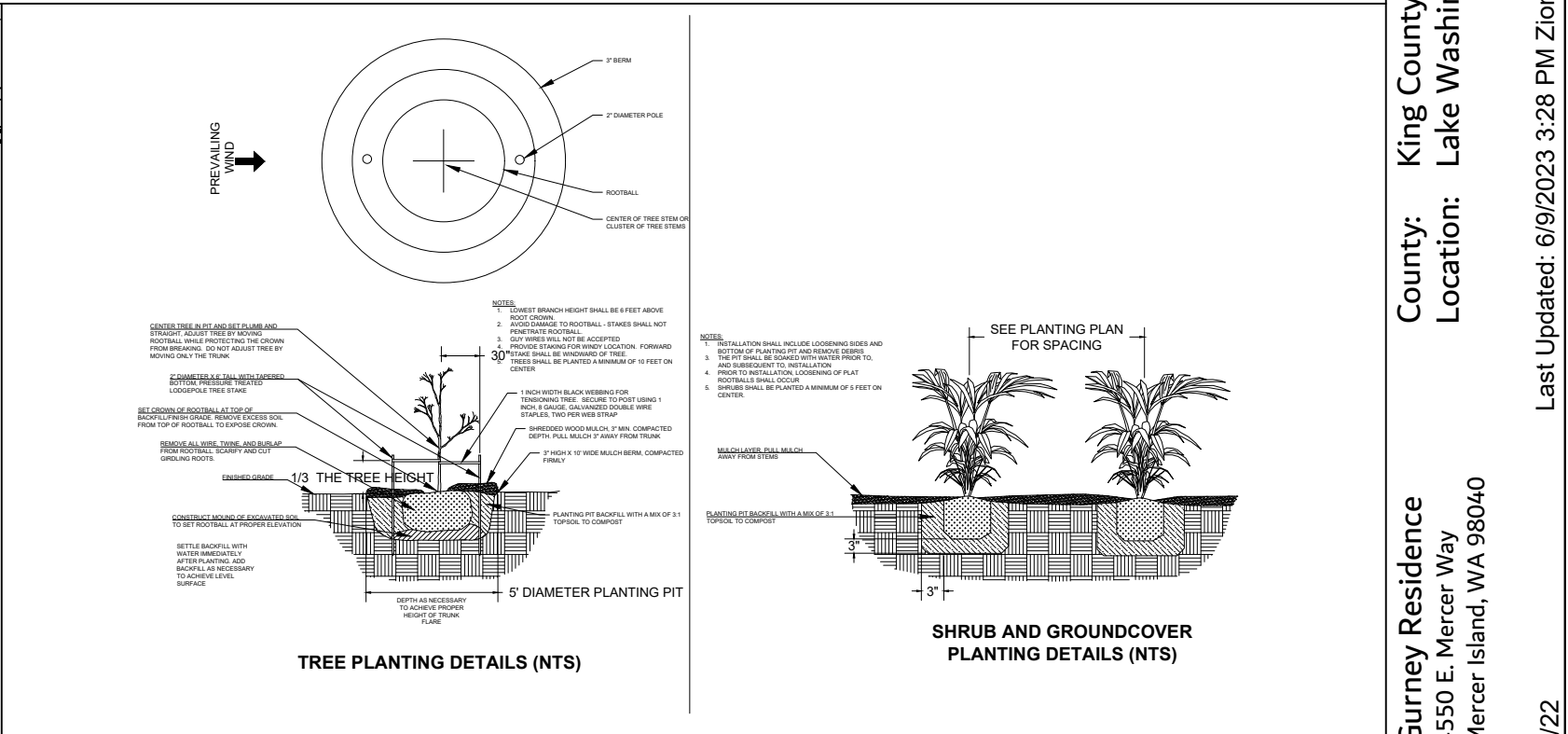
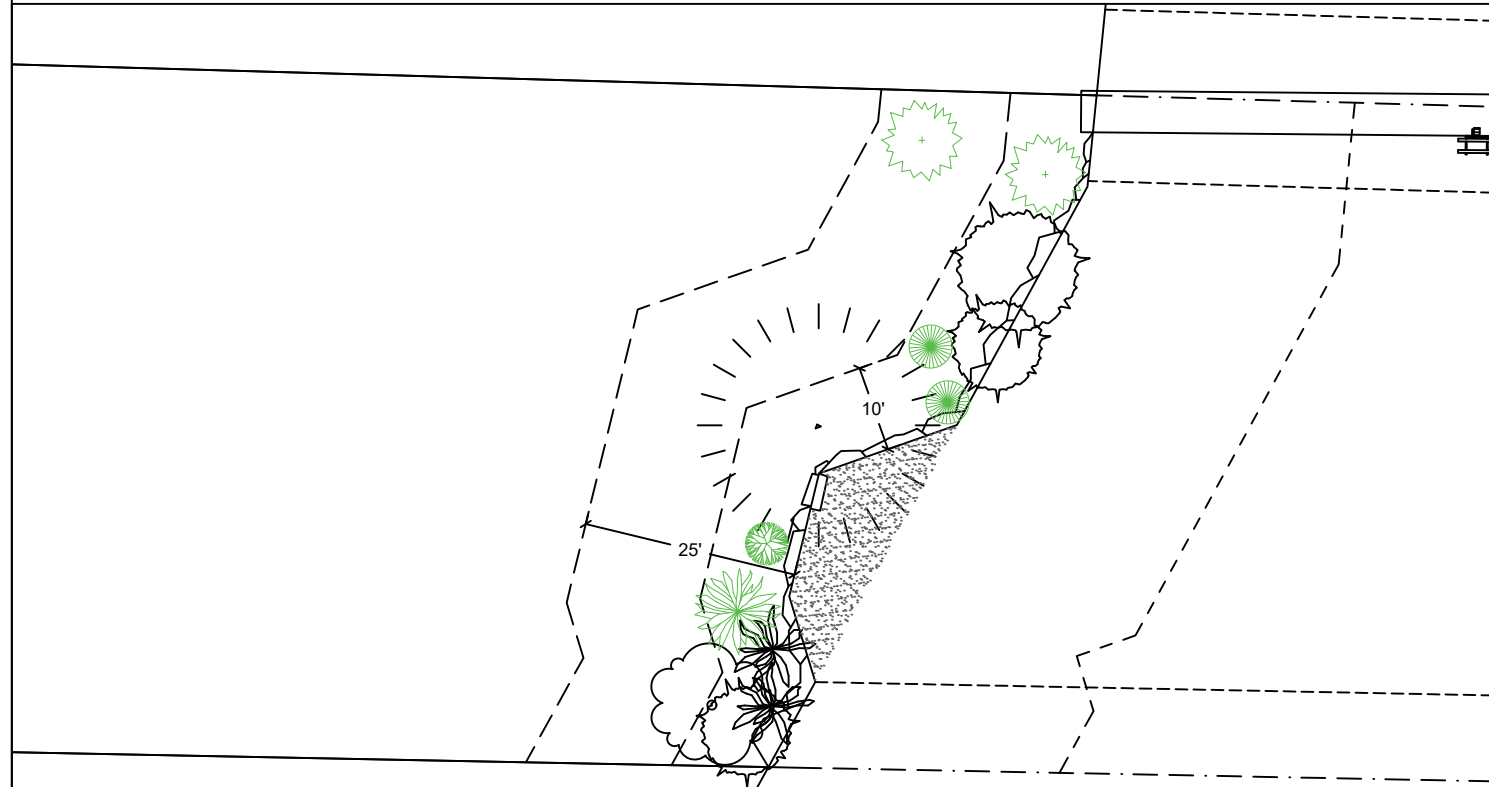
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A6.0

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.

PLANTS: Mitigation approved through NWS-2022-233.

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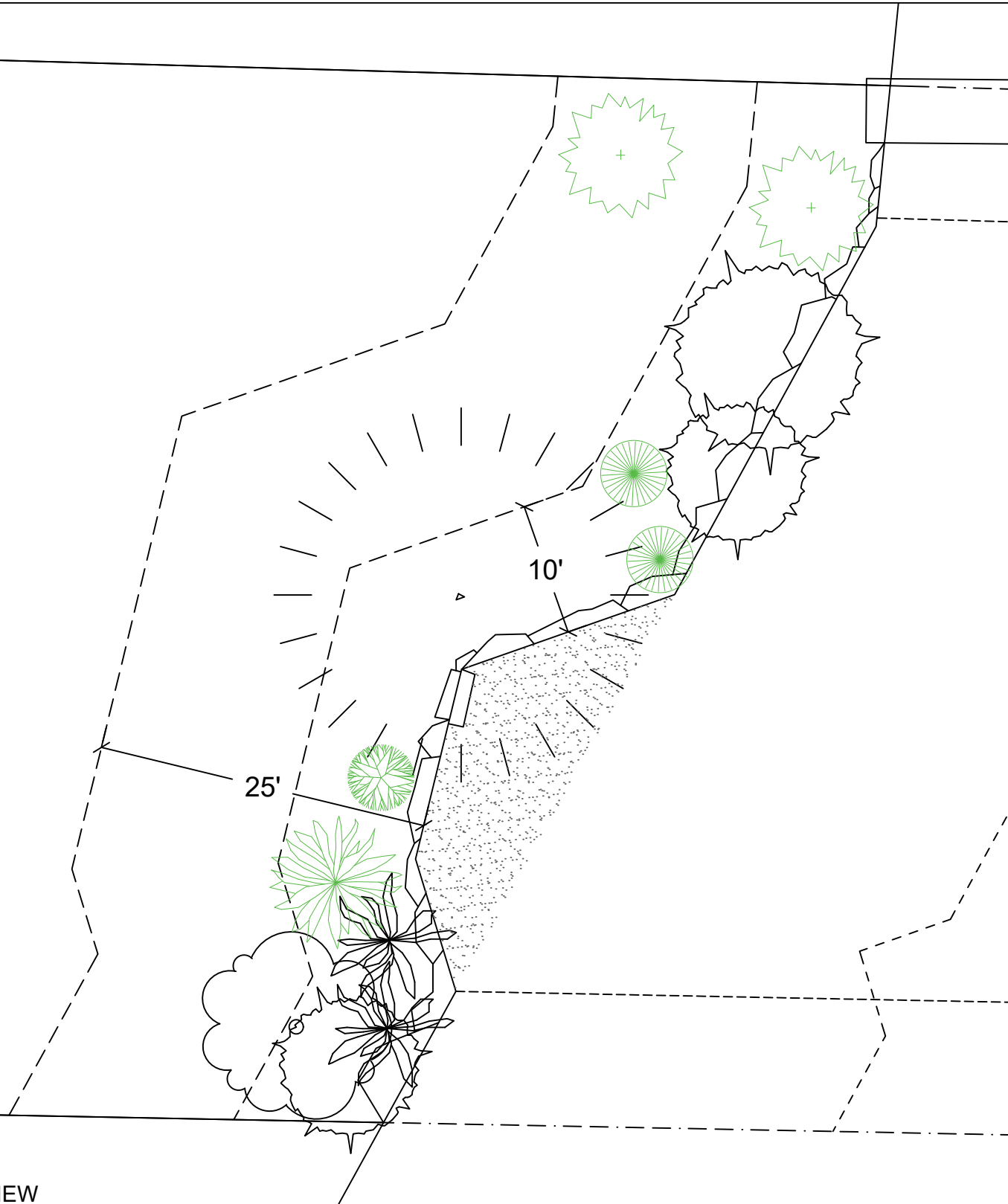


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**SHEET
A7.0**

EXISTING PLANT PLAN



PLAN VIEW

EXISTING PLANTING SPECIES/QUANTITIES

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QTY	SIZE
	<i>Thuja plicata</i>	Western Red Cedar	2	~30'
	<i>Juniperus Communis</i>	Common Juniper	3	varies
	<i>Laburnum anagyroides</i>	Golden chain tree	1	~ 40ft
	<i>Berberis thunbergii</i> f. <i>atropurpurea</i>	Japanese barberry	1	~3ft
	<i>Berberis thunbergii</i> 'Grhozam'	Japanese Barberry	2	~3ft
	<i>Pinus contorta</i> v <i>contorta</i>	Shore pine	1	3 ft
	<i>Rosa nutkana</i>	Nootka Rose	1	1 Gallon
	<i>Philadelphus lewisii</i>	Mock Orange	2	1 Gallon

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A8.0

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GENERAL NOTES:

MATERIALS SPEC LIST:

Boat Lifts:

- * SL10014ARW - 146" x 120"
- * SL8012ARW - 132" x 108"
- * SL2008AR2D2 - 147" x 103"

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:

MICC 19.13.050 - Shoreline Development Standards

Last permit issued for property: BLDG 2207-024 05/03/2023
 Dock established/constructed: April 15, 1994

County: King County
 Location: Lake Washington

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A9.0