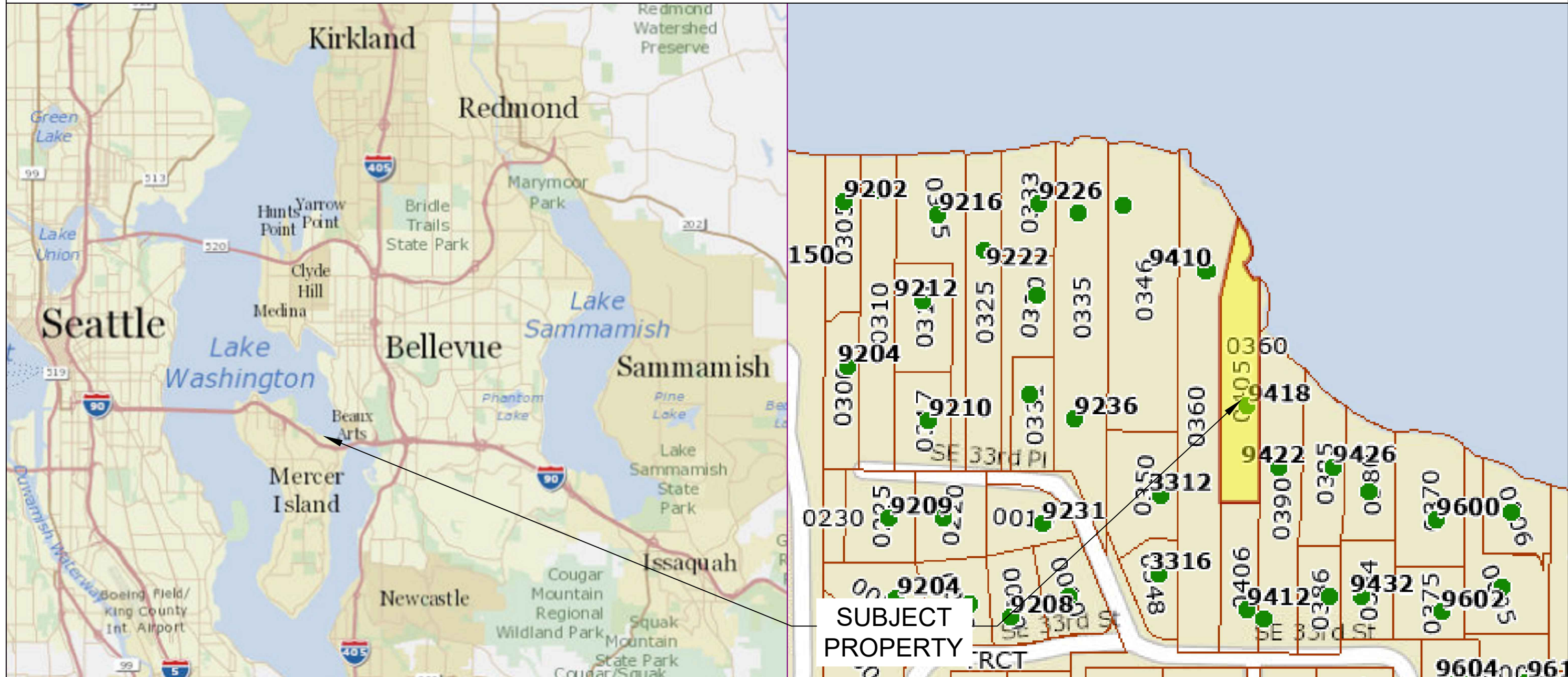


SITE PLAN



Pin: 4139300405

Legal Description: LAKEMONT ADD UNREC POR GL 4 SEC 7-24-5 DAF - BAAP 834 FT N & 211 FT W OF SE COR SD GL 4 TH W 65 FT TH N TO SH OF LAKE WASH TH SELY ON SD SH LN 150 FT M/L TAP N OF POB TH S TO POB LESS S 212.60 FT LESS POR LY WITHIN FOLG BAAP 834 FT N & 276 FT W OF SE COR SD GL 4 TH N TAP 100 FT S OF SH LAKE WASH & TPOB TH CONTG N 100 FT TO SH LAKE WASH TH ON SD SH LN SELY 50 FT TH SWLY TAP 10 FT E OF TPOB TH S TO LN 834 FT N OF S LN SD GL 4 TH W ON SD LN 10 FT TH N TO TPOB TGW 2ND CL SH LDS ADJ REMAINDER THOF LY NWLY OF LN DAF - BAAP 834 FT N & 211 FT W OF SE COR SD GL 4 TH N 528.31 TO ORDINARY HIGH WATER LN & POB SD LN TH N 36-04-18 E TO OUTER LIMITS OF 2ND CL SH LDS & TERM SD LN PER LATERAL LN AGREEMENT REC# 20160408000136 & SURV REC# 20160408900001

Plat Block:
 Plat Lot: D
 PARCEL:
 LAT: 47.58148
 LONG: -122.21175
 DOCK:
 LAT: 47.582071
 LONG: -122.211743



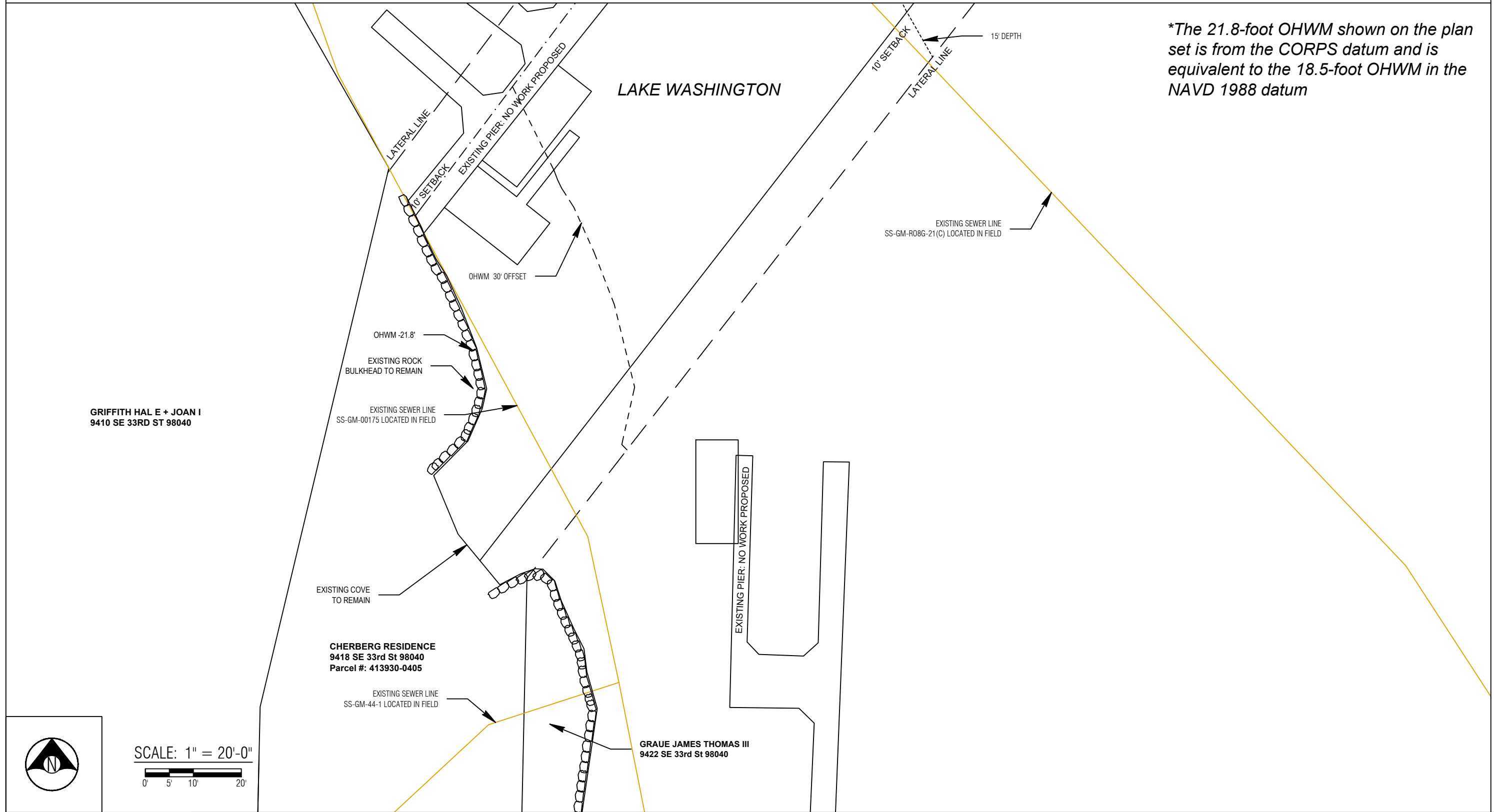
Seaborn Pile Driving
 1080 W Ewing St
 Seattle, WA 98119
 Office: 206-236-1700 ext. 3
 www.seabornpiledriving.com

Scope of Work: We propose to drive (16) 8" steel piles and construct a new dock with grated decking material. We also propose to install (1) new boat lift and (1) new PWC lift.

County: King County
 Location: Lake Washington
 Applicant: Cherberg Residence
 9418 SE 33rd Street
 Mercer Island, WA 98040
 Datum: CORPS OF ENGINEERS 1919
 SE Quarter Of Section 07, Township 24, Range 05
 Adjacent Owners:
 GRIFFITH HAL E+JOANI
 9410 SE 33RD ST 98040
 GRAUE JAMES THOMAS III
 9422 SE 33RD ST 98040
 SHEET A1.0
 NWS-2013-565
 PAGE 1 OF 9
 Created:
 Last Updated: 6/30/2023 4:21 PM Shop

EXISTING CONDITIONS

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



GRIFFITH HAL E + JOAN I
9410 SE 33RD ST 98040

CHERBERG RESIDENCE
9418 SE 33rd St 98040
Parcel #: 413930-0405

GRAUE JAMES THOMAS III
9422 SE 33rd St 98040

*The 21.8-foot OHWM shown on the plan set is from the CORPS datum and is equivalent to the 18.5-foot OHWM in the NAVD 1988 datum



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



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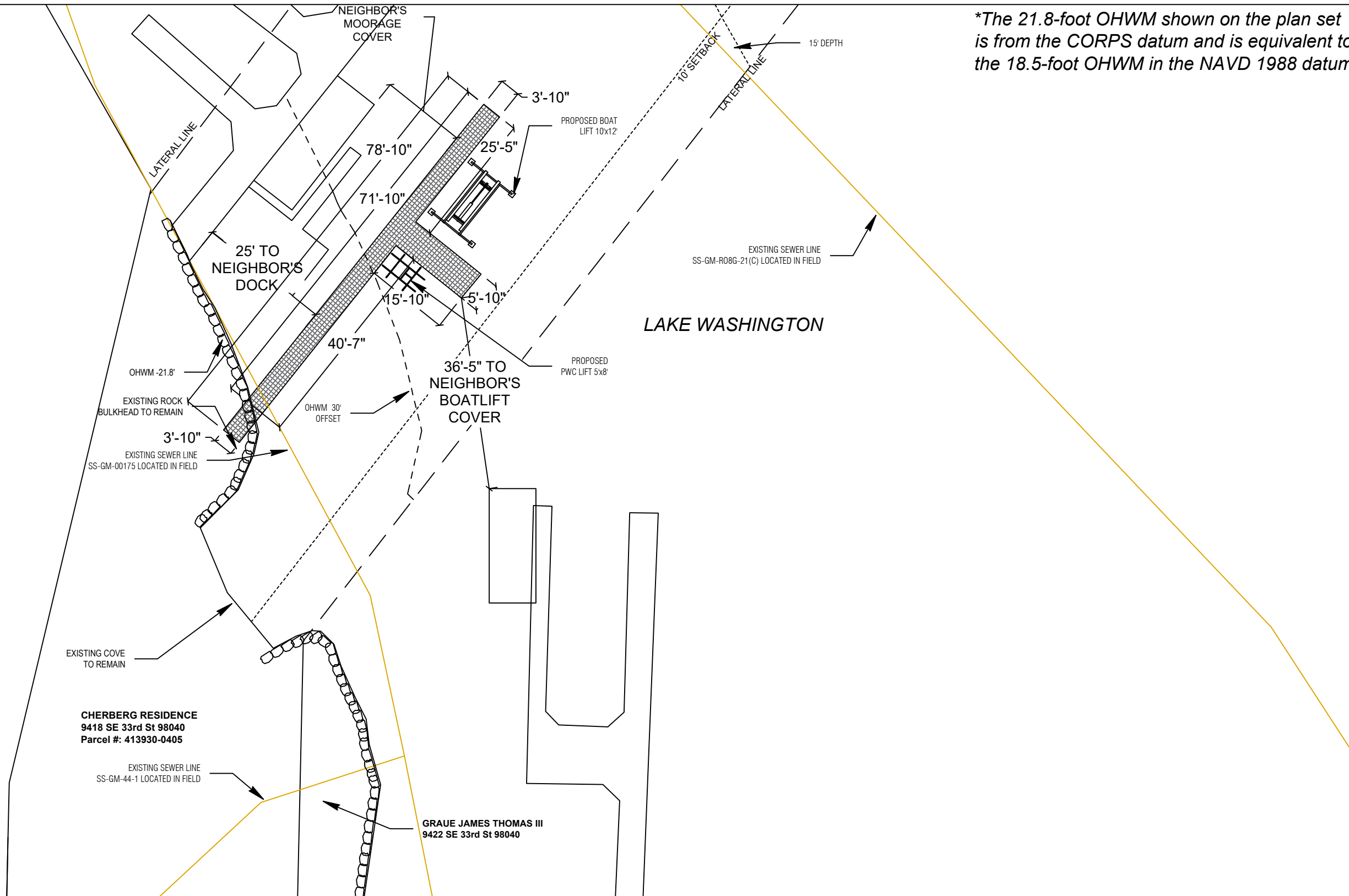
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**SHEET
A2.0**

PROPOSED

CLEAN UP LAKE AROUND PROJECT

**The 21.8-foot OHWM shown on the plan set is from the CORPS datum and is equivalent to the 18.5-foot OHWM in the NAVD 1988 datum*



GRIFFITH HAL E + JOAN I
9410 SE 33RD ST 98040

CHERBERG RESIDENCE
9418 SE 33rd St 98040
Parcel #: 413930-0405

GRAUE JAMES THOMAS III
9422 SE 33rd St 98040



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0' 5' 10' 20'



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SHEET
A3.0

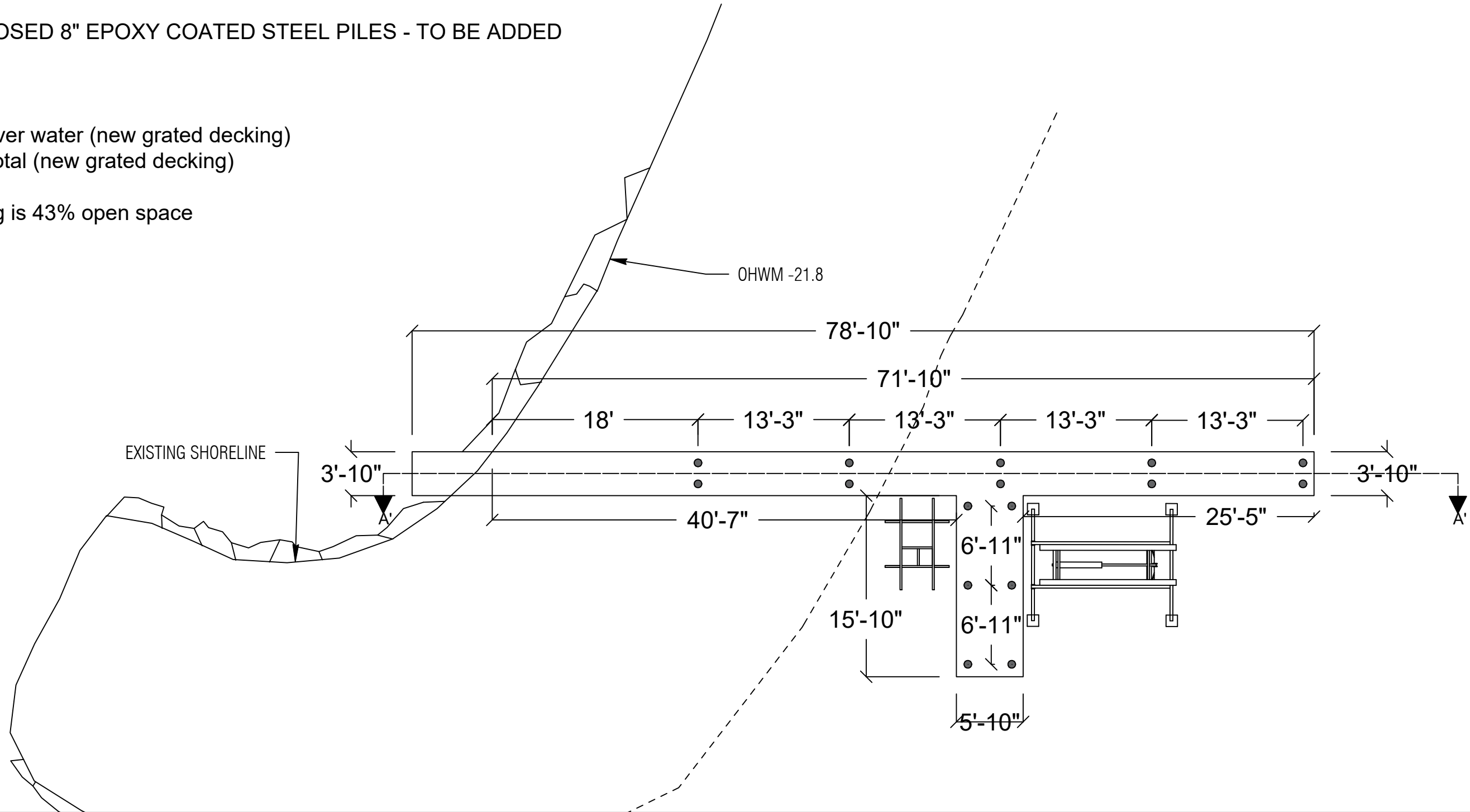
PIER DETAILS - EXISTING/PROPOSED

LEGEND

● (16) PROPOSED 8" EPOXY COATED STEEL PILES - TO BE ADDED

Area: 374 sqft over water (new grated decking)
394 sqft total (new grated decking)

**Grated decking is 43% open space



PLAN VIEW



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Location: Lake Washington

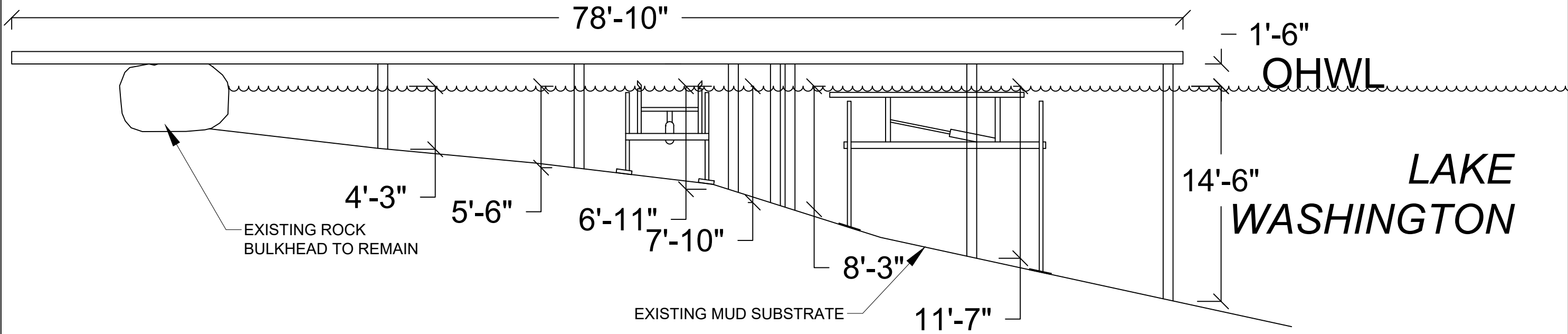
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9422 SE 33RD ST 98040

SHEET
A4.0

PIER DETAILS PROPOSED



SECTION VIEW: A'-A'



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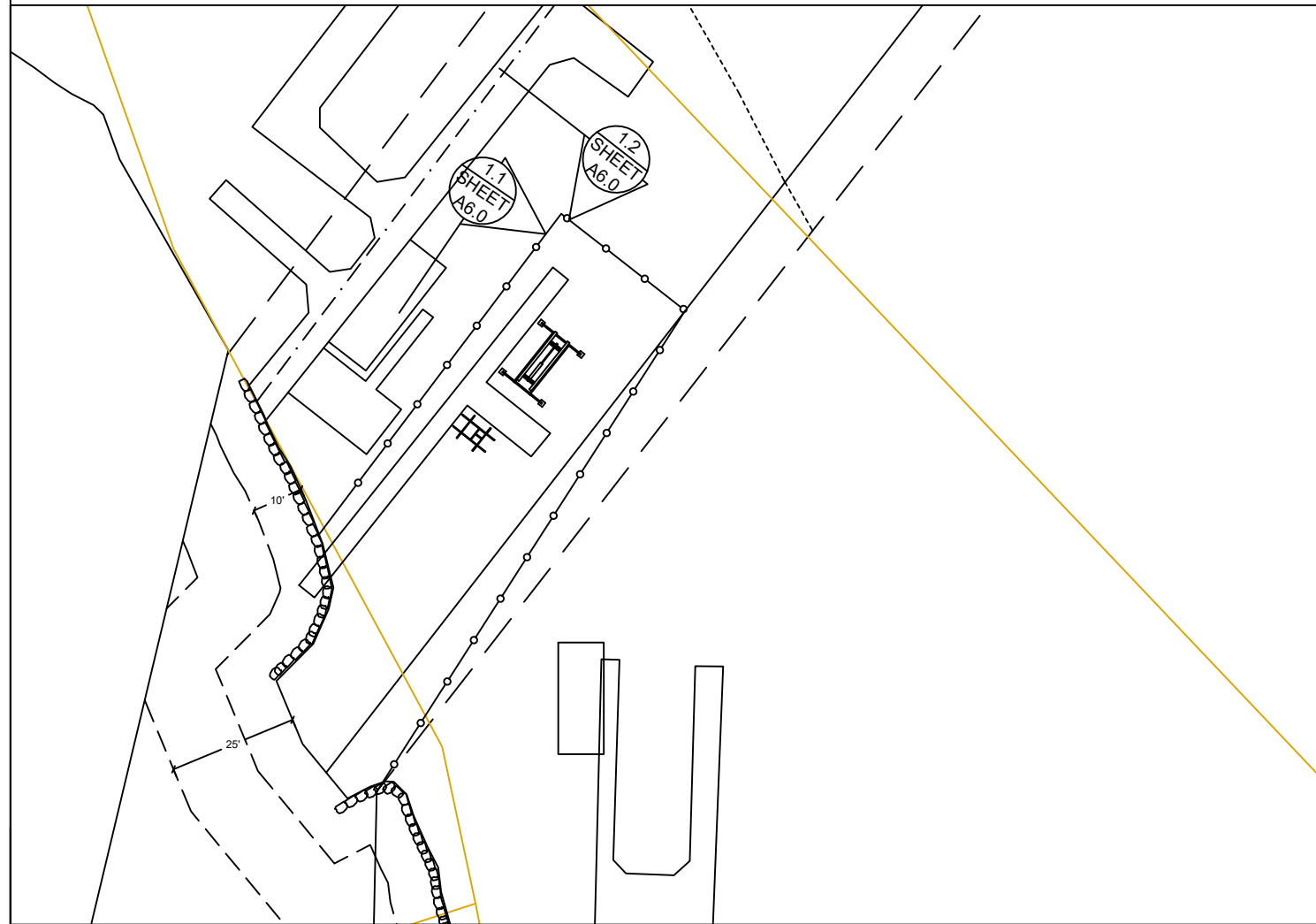
Adjacent Owners:
GRIFFITH HAL E+JOAN I
9410 SE 33RD ST 98040
GRAUE JAMES THOMAS III
9422 SE 33RD ST 98040

SHEET
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BMP INFORMATION

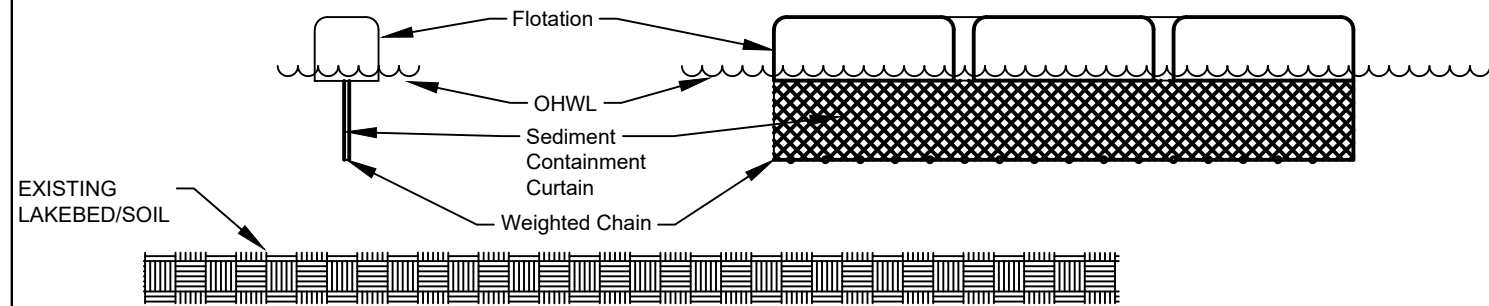


BMP NOTES:

- 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.
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.
 12. 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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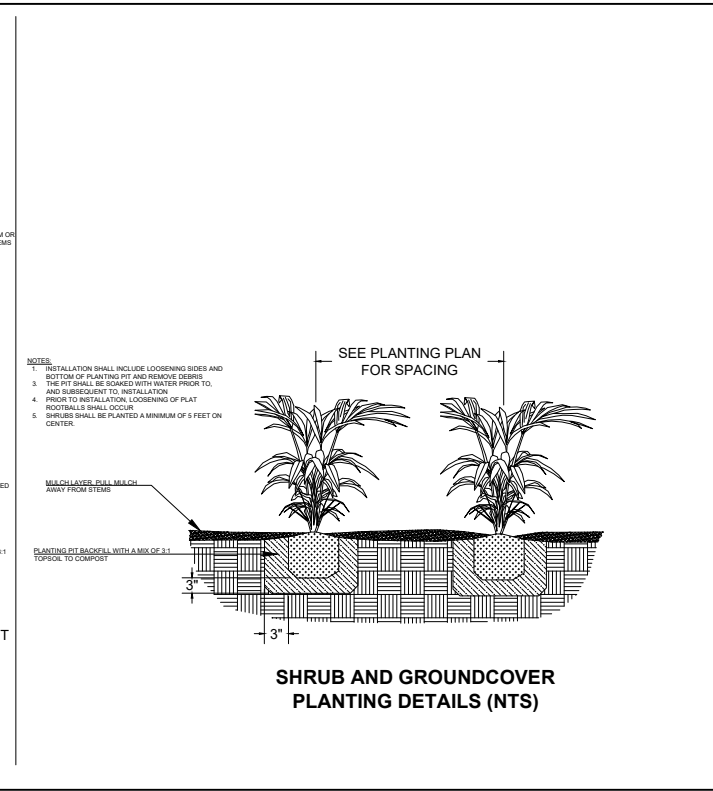
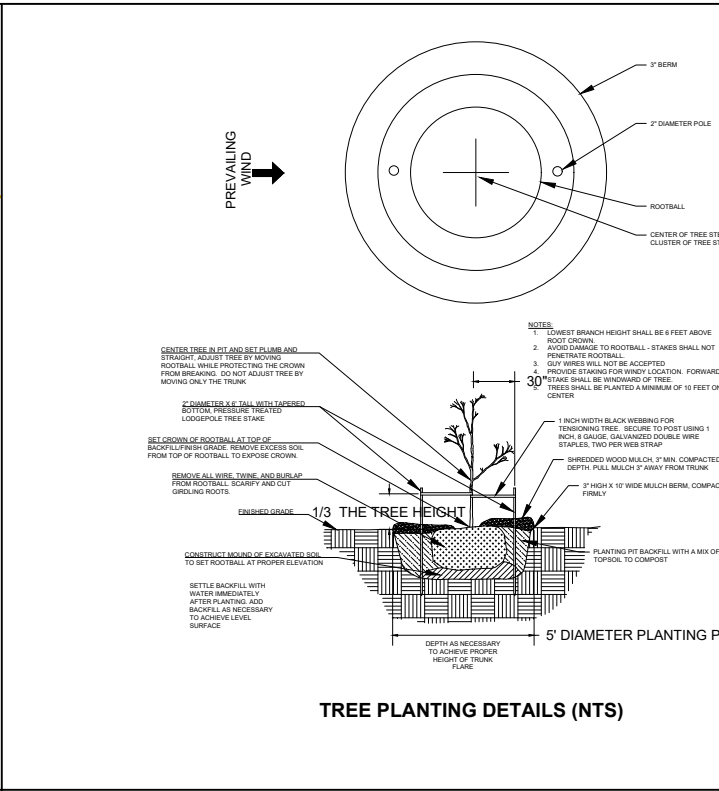
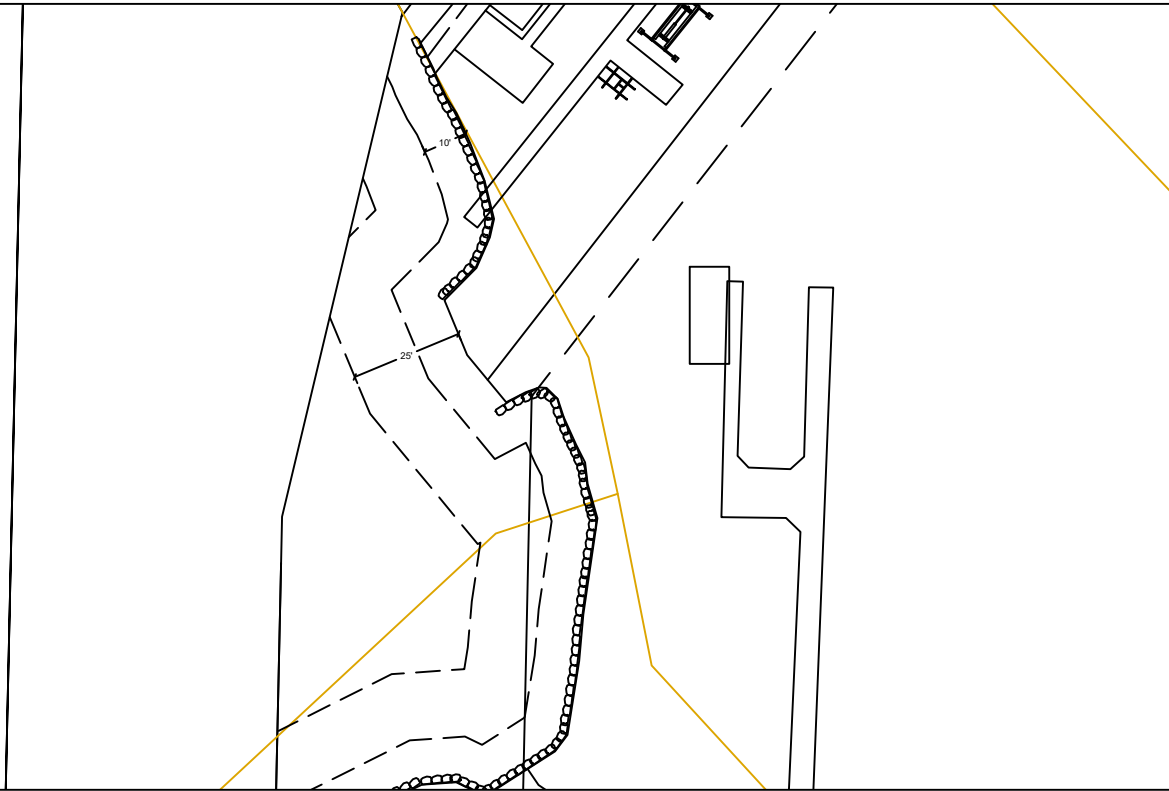
Adjacent Owners:
GRIFFITH HAL E+JOAN I
9410 SE 33RD ST 98040

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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.

SEE LANDSCAPE PLAN BY OTHERS

County: King County
Location: Lake Washington

Applicant: Cherberg Residence
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Mercer Island, WA 98040

Datum: CORPS OF ENGINEERS 1919
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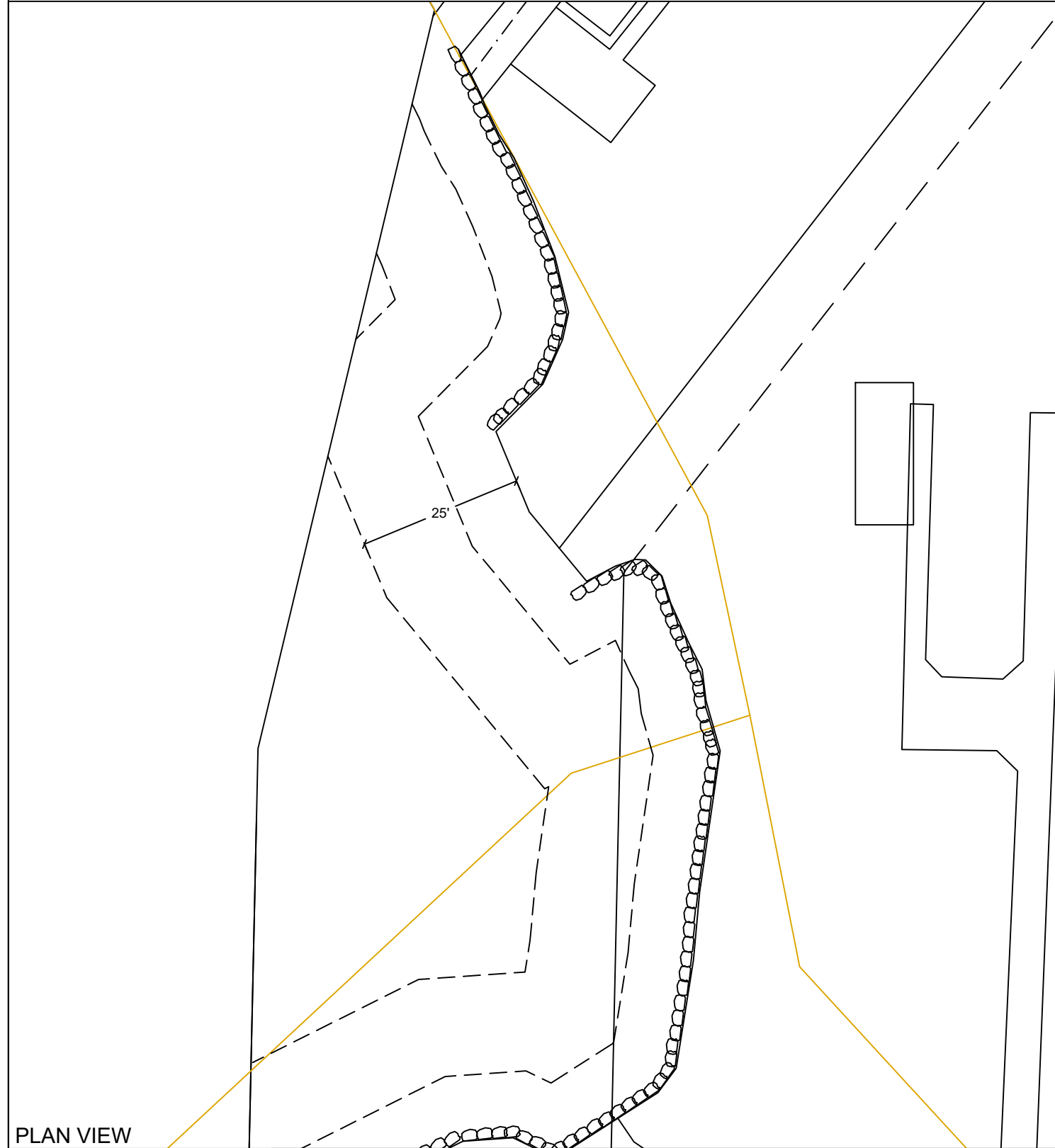
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SHEET A7.0

NWS-2013-565
PAGE 7 OF 9

EXISTING PLANT PLAN



**SEE LANDSCAPE PLAN
BY OWNER**

PLAN VIEW



Seaborn Pile Driving
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GRAUE JAMES THOMAS III
9422 SE 33RD ST 98040

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**SHEET
A8.0**

GENERAL NOTES:

MATERIALS SPEC LIST:

Lifts: Aluminum

- * Boat Lift - 10'x12'
- * PWC Lift - 5'x8'

Decking Material: FRPP - Fiberglass reinforced polypropylene

Open space 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

CODE REFERENCES: Mercer Island

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

“Development Standards for New and Expanded Moorage Facilities” per MIMC 19.07.110(6)(a).

Last permit issued for property:

Dock established/constructed: date



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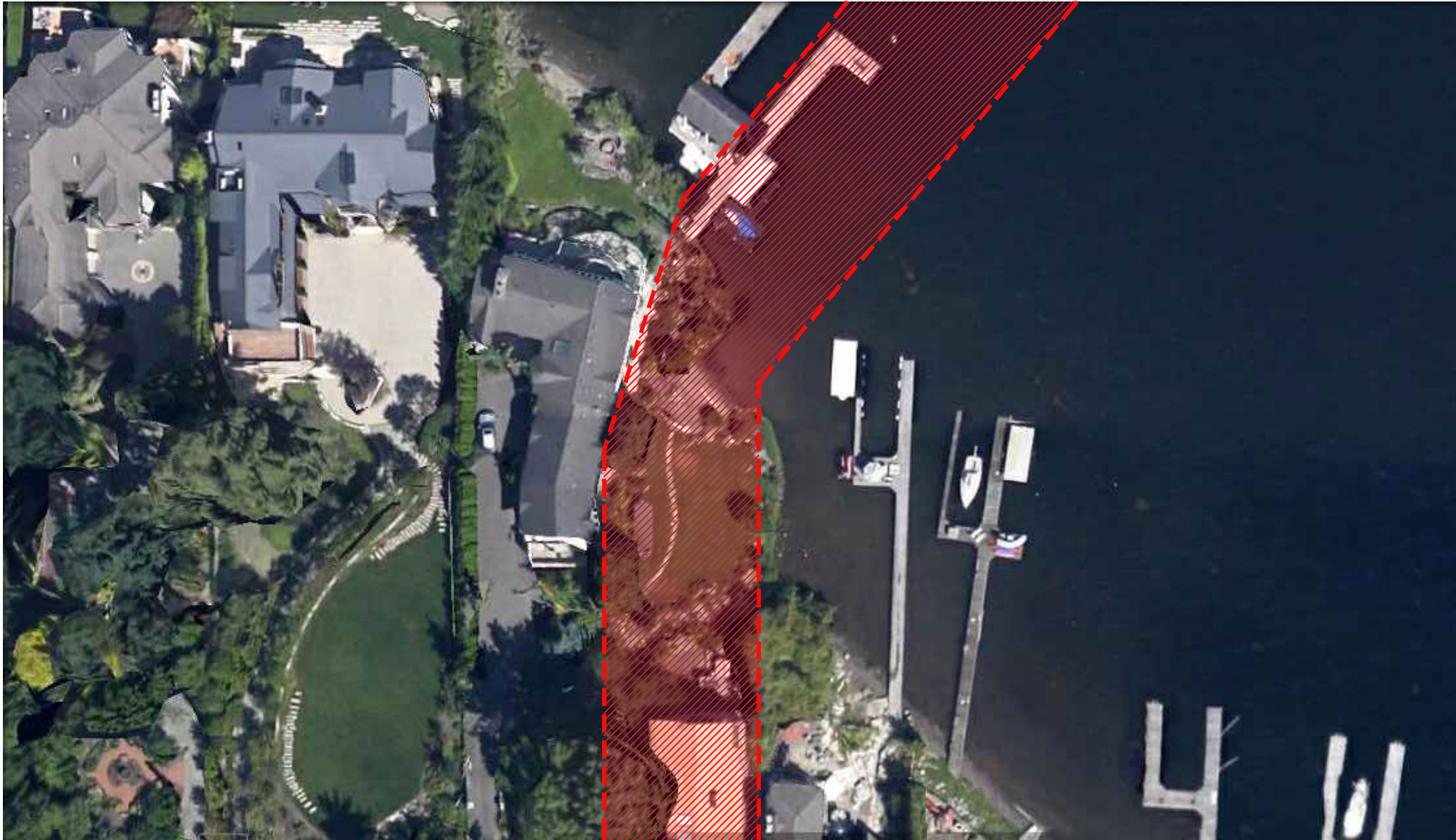
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**SHEET
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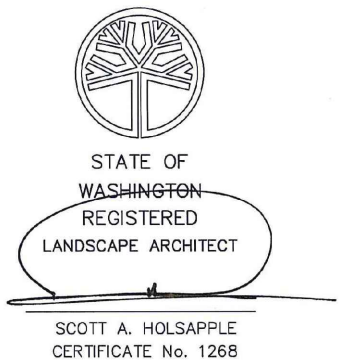


PROJECT #: NWS-2013-0565
OCTOBER 10, 2022

CHERBERG
PIER
9418 SE 33RD STREET
MERCER ISLAND, WA

MITIGATION PLANTING PLAN

SHEET 9 OF 12



SHD LANDSCAPE
ARCHITECTURE
SCOTT HOLSAPPLE
DESIGN
4303 STONE WAY N SEATTLE WA 98103
(206) 745-5822 www.shd-la.com

GENERAL NOTES:

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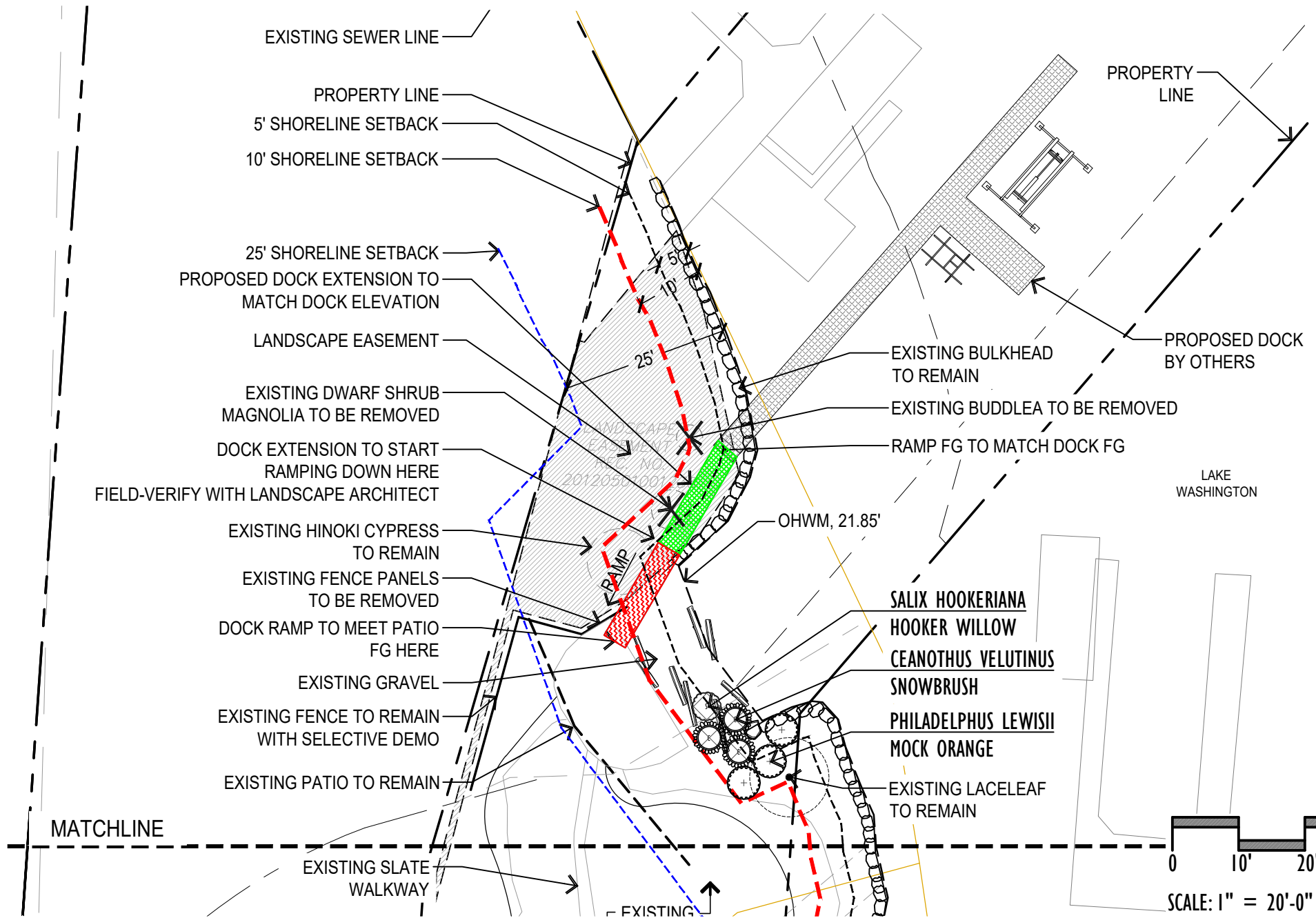
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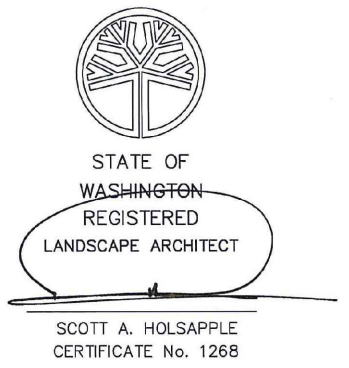
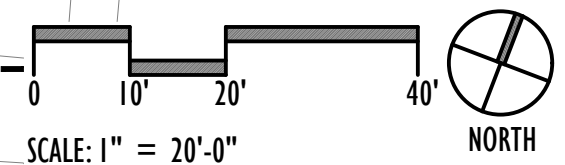
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**SHEET
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REQUIRED PLANTING IN SHORELINE SETBACK
 MIN. NUMBER OF TREES REQUIRED: 7
 NUMBER OF TREES PROVIDED: 5
 MIN. NUMBER OF SHRUBS REQUIRED: 5
 NUMBER OF SHRUBS PROVIDED: 7

- LEGEND**
- EXISTING TREES TO REMAIN
 - PROPERTY LINE
 - EXISTING BULKHEAD
 - EXISTING LAWN
 - EXISTING TIMBER EDGING
 - OHWM (ORDINARY HIGH WATER MARK)
 - LOGS
 - 5' SHORELINE SETBACK
 - 10' SHORELINE SETBACK
 - 25' SHORELINE SETBACK



CHERBERG PIER
 9418 SE 33RD STREET
 MERCER ISLAND, WA

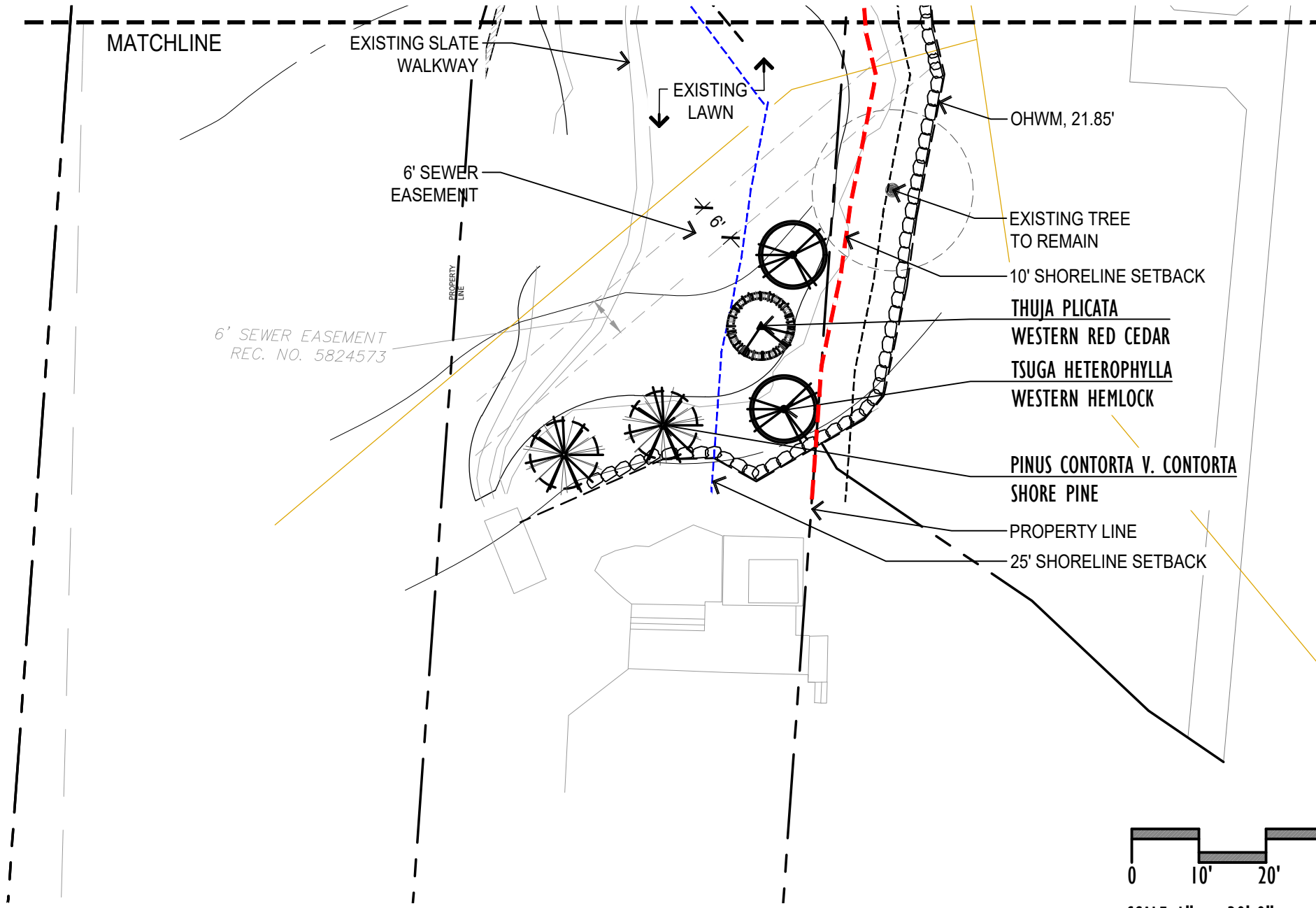
MITIGATION PLANTING PLAN

project #: NWS-2013-0565

| Date | Issue |
|------------------|-----------------|
| Feb 25, 2022 | PERMIT REVISION |
| Apr 20, 2022 | PERMIT REVISION |
| June 15, 2022 | PERMIT REVISION |
| October 10, 2022 | PERMIT REVISION |

L1.0
 9 OF 11

SHD LANDSCAPE ARCHITECTURE
 SCOTT HOLSAPPLE
 DESIGN
 4303 STONE WAY N SEATTLE WA 98103
 (206) 745-5822 www.shd-la.com

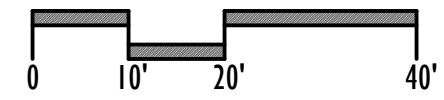


REQUIRED PLANTING IN SHORELINE SETBACK

MIN. NUMBER OF TREES REQUIRED: 7
 NUMBER OF TREES PROVIDED: 5
 MIN. NUMBER OF SHRUBS REQUIRED: 5
 NUMBER OF SHRUBS PROVIDED: 7

LEGEND

- EXISTING TREES TO REMAIN
- PROPERTY LINE
- EXISTING BULKHEAD
- EXISTING LAWN
- EXISTING TIMBER EDGING
- OHWM (ORDINARY HIGH WATER MARK)
- LOGS
- 5' SHORELINE SETBACK
- 10' SHORELINE SETBACK
- 25' SHORELINE SETBACK



SCALE: 1" = 20'-0"



NORTH



STATE OF WASHINGTON
 REGISTERED
 LANDSCAPE ARCHITECT

SCOTT A. HOLSAPPLE
 CERTIFICATE No. 1268

**CHERBERG
 PIER**
 9418 SE 33RD STREET
 MERCER ISLAND, WA

**MITIGATION
 PLANTING PLAN**

project #: NWS-2013-0565

| | | | |
|------|------------------|-------|-----------------|
| Date | Feb 25, 2022 | Issue | PERMIT REVISION |
| | Apr 20, 2022 | | PERMIT REVISION |
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10 OF 11

**SHD LANDSCAPE
 ARCHITECTURE**
 SCOTT HOLSAPPLE
 D E S I G N
 4303 STONE WAY N SEATTLE WA 98103
 (206) 745-5822 www.shd-la.com

CHERBERG PLANT SCHEDULE

| QTY | BOTANICAL NAME | COMMON NAME | SIZE | NOTES |
|-----|----------------|-------------|------|-------|
|-----|----------------|-------------|------|-------|

TREES



| | | | | |
|---|----------------------------|------------|--------|----------------------|
| 2 | PINUS CONTORTA V. CONTORTA | SHORE PINE | 6' HT. | FULL AND WELL ROOTED |
|---|----------------------------|------------|--------|----------------------|



| | | | | |
|---|---------------|-------------------|--------|----------------------|
| 1 | THUJA PLICATA | WESTERN RED CEDAR | 6' HT. | FULL AND WELL ROOTED |
|---|---------------|-------------------|--------|----------------------|



| | | | | |
|---|--------------------|-----------------|--------|----------------------|
| 2 | TSUGA HETEROPHYLLA | WESTERN HEMLOCK | 6' HT. | FULL AND WELL ROOTED |
|---|--------------------|-----------------|--------|----------------------|

SHRUBS



| | | | |
|---|---------------------|-----------|--|
| 3 | CEANOTHUS VELUTINUS | SNOWBRUSH | 2 GAL., 5' HT. 5' O.C., FULL & WELL ROOTED |
|---|---------------------|-----------|--|



| | | | |
|---|----------------------|-------------|--|
| 3 | PHILADELPHUS LEWISII | MOCK ORANGE | 2 GAL., 5' HT. 5' O.C., FULL & WELL ROOTED |
|---|----------------------|-------------|--|



| | | | |
|---|------------------|---------------|-------------------------------------|
| 1 | SALIX HOOKERIANA | HOOKER WILLOW | 2 GAL., 5' HT. FULL AND WELL ROOTED |
|---|------------------|---------------|-------------------------------------|



STATE OF
WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

SCOTT A. HOLSAPPLE
CERTIFICATE No. 1268

CHERBERG
PIER
9418 SE 33RD STREET
MERCER ISLAND, WA

MITIGATION
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L2.0
11 OF 11

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