



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
SEATTLE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 3755
SEATTLE, WASHINGTON 98124-3755

APR 04 2016

Regulatory Branch

Mr. David Shneidman
17356 Beach Drive Northeast
Lake Forest Park, Washington 98155

Reference: NWS-2016-104
Shneidman, David
(Piling Repair)

Dear Mr. Shneidman:

We have reviewed your application to repair six wood support piles using the pile stub method or pile collar method to maintain the structural integrity of a residential pier in Lake Washington at Lake Forest Park, Washington. Based on the information you provided to us, Nationwide Permit (NWP) 3, *Maintenance* (Federal Register February 21, 2012, Vol. 77, No. 34), authorizes your proposal as depicted on the enclosed drawings dated January 15, 2015.

In order for this authorization to be valid, you must ensure the work is performed in accordance with the enclosed *NWP 3, Terms and Conditions* and the following special conditions:

a. In order to meet the requirements of the Endangered Species Act and protect Puget Sound Chinook, Puget Sound steelhead, and Coastal-Puget Sound bull trout, the permittee may conduct the authorized in-water activities from July 16 through July 31, or from November 16 through February 1 in any year this permit is valid. The permittee shall not conduct work authorized by this permit from August 1 through November 15, or from February 2 through July 15 in any year.

b. You must implement and abide by the programmatic Endangered Species Act (ESA) consultation requirements and/or agreements set forth in your *Specific Project Information Form for Piling Replacement* dated December 09, 2015. Failure to comply with the commitments made in this document constitutes non-compliance with the ESA and your U.S. Army Corps of Engineers (Corps) permit. If you cannot comply with the terms and conditions of this programmatic consultation, you must, prior to commencing construction, contact the Corps, Seattle District, Regulatory Branch for an individual consultation in accordance with the requirements of the ESA and/or the Magnuson-Stevens Fishery Conservation and Management Act.

We have reviewed your project pursuant to the requirements of the ESA, the Magnuson-Stevens Fishery Conservation and Management Act and the National Historic Preservation Act. We have determined this project complies with the requirements of these laws provided you comply with all of the permit general and special conditions.

The authorized work complies with the Washington State Department of Ecology's (Ecology) Water Quality Certification and the Coastal Zone Management Act requirements for this NWP. No further coordination with Ecology is required.

Lake Washington is a water of the U.S. If you believe this is inaccurate, you may request a preliminary or approved jurisdictional determination (JD). If one is requested, please be aware that we may require the submittal of additional information to complete the JD and work authorized in this letter may not occur until the JD has been completed.

Our verification of this NWP authorization is valid until March 18, 2017, unless the NWP is modified, reissued, or revoked prior to that date. If the authorized work has not been completed by that date and you have commenced or are under contract to commence this activity before March 18, 2017, you will have until March 18, 2018, to complete the activity under the enclosed terms and conditions of this NWP. Failure to comply with all terms and conditions of this NWP verification invalidates this authorization and could result in a violation of Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act. You must also obtain all local, State, and other Federal permits that apply to this project.

You are cautioned that any change in project location or plans will require that you submit a copy of the revised plans to this office and obtain our approval before you begin work. Deviating from the approved plans could result in the assessment of criminal or civil penalties. Please note that we may need to reinitiate consultation with the National Marine Fisheries Service and/or U.S. Fish and Wildlife Service in order to authorize any work not already included in the enclosed plans.

Upon completing the authorized work, you must fill out and return the enclosed *Certificate of Compliance with Department of the Army Permit* form. You must also submit a post-construction report showing which piles were repaired using each method. An example of this would be to provide a drawing with each pile labelled with a number. The numbered piles could then be used to identify the piles repaired using each method; i.e. piles one and four were repaired using the pile stub method.

Thank you for your cooperation during the permitting process. We are interested in your experience with our Regulatory Program and encourage you to complete a customer service survey form. This form and information about our program is available on our website at

www.nws.usace.army.mil select "Regulatory Branch, Permit Information" and then "Contact Us." A copy of this letter, with enclosures, will be furnished to Mr. Ted Burns, at 9311 Southeast 36th Street, Suite 204, Mercer Island, Washington 98040. If you have any questions, please contact me at jason.t.sweeney@usace.army.mil or (206) 764-3450.

Sincerely,

A handwritten signature in black ink, appearing to be "J. Sweeney", written in a cursive style.

Jason Sweeney, Project Manager
Regulatory Branch

Enclosures



AGENT: GEORGE STIERER PLAN TO PERMIT, LLC
 George@plantopermit.com
 206-908-2893
 www.PlantToPermit.com

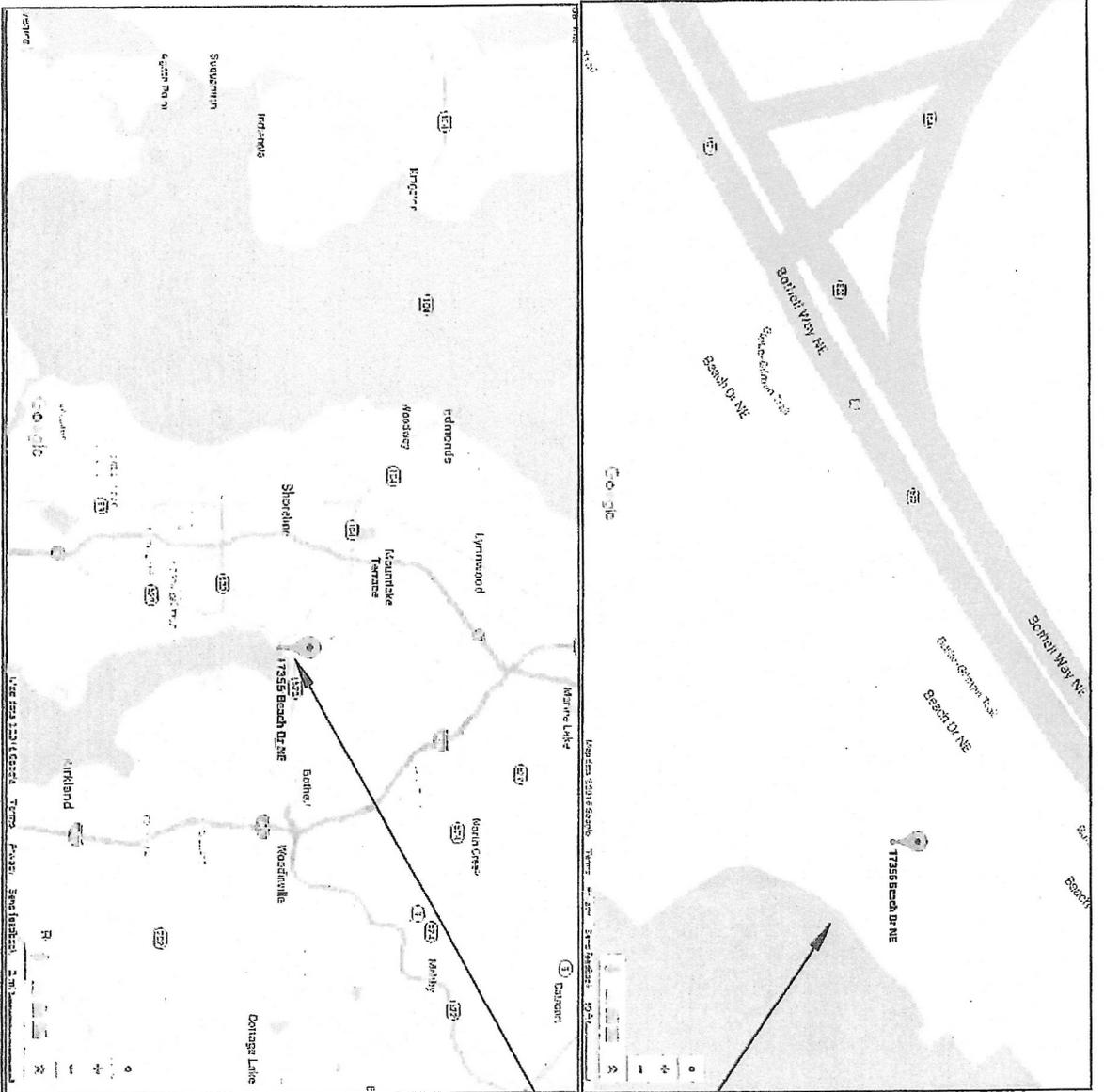
OWNER: DAVID SHNEIDMAN
 17356 BEACH DRIVE NE
 LAKE FOREST PARK, WA 98155

PROPOSED: Normal repair of an existing residential dock consisting of repairing 6 rotten wood support piles.
 DATUM: Corps of Engineers 19'19
 IN: Lake Washington

SITE: 17356 BEACH DRIVE NE, LAKE FOREST PARK, WA 98155
 LAT: 47°45'13.1"N LON: 122°16'26.6"W
 Parcel #: 4030100045 Section: 10 Township: 26 Range: 04 Date: 01/15/2015

NWS-2016-104

SHEET
 SP 1.0



SUBJECT SITE

VICINITY MAP



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DATUM: Corps of Engineers 1919
 IN: Lake Washington

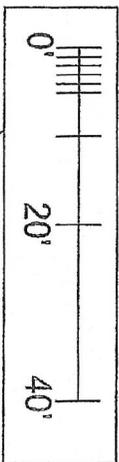
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SHEET
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EXISTING CONDITIONS SITE PLAN

PROPOSED: Normal repair of an existing residential dock consisting of repairing 6 rotten wood support piles.



TYLER JEFFERREY & JESSIE FUDGE
 17350 Beach Drive NE
 Lake Forest Park, WA 98155
 PIN: 4030100055

DAVID SHNEIDMAN
 17356 Beach Drive NE
 Lake Forest Park, WA 98155
 PIN 4030100045

ROBIN L MILLER
 17358 Beach Drive NE
 Lake Forest Park, WA 98155
 PIN 4030100025

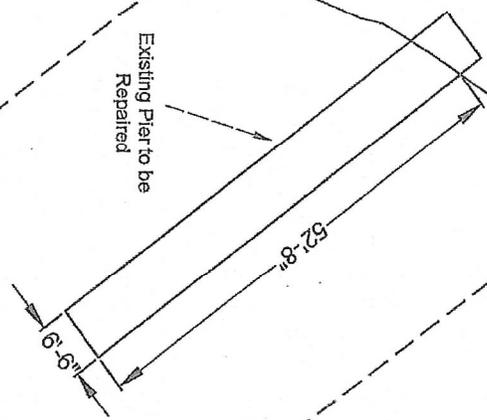
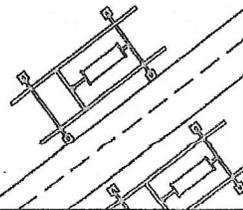
**SUBJECT
 PROPERTY**

Existing Pier to be
 Repaired

OHWL

Existing Pier
 (No Work)

LAKE WASHINGTON



S36°20'00"E

S36°20'00"E



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PROPOSED SITE PLAN

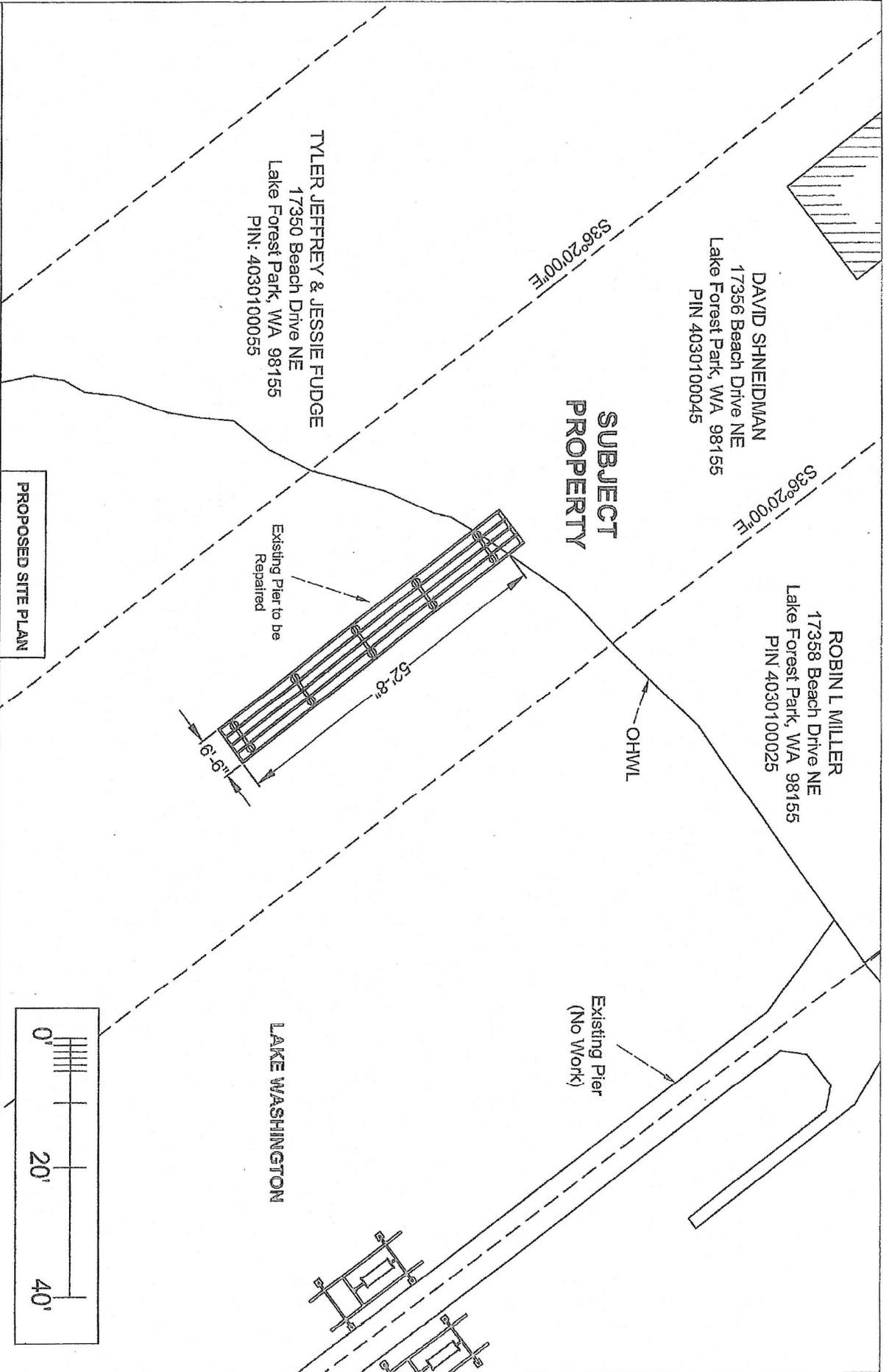
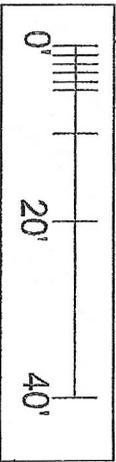
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**SHEET
 SP 3.0**





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 17356 BEACH DRIVE NE
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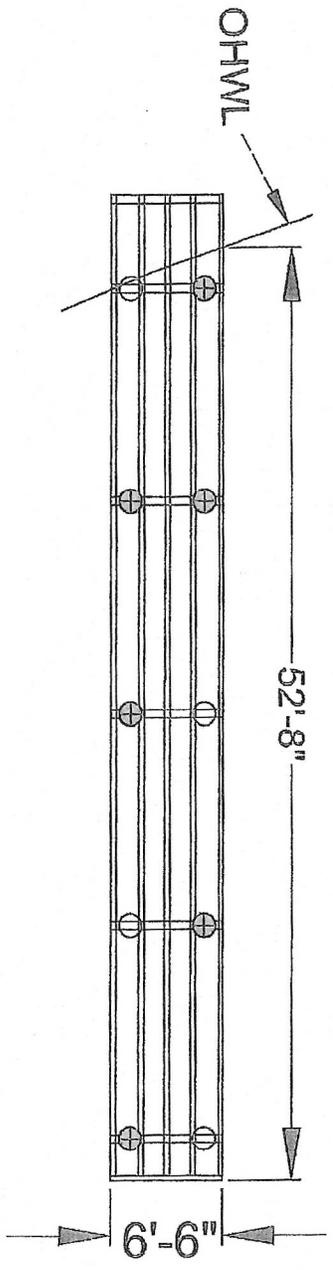
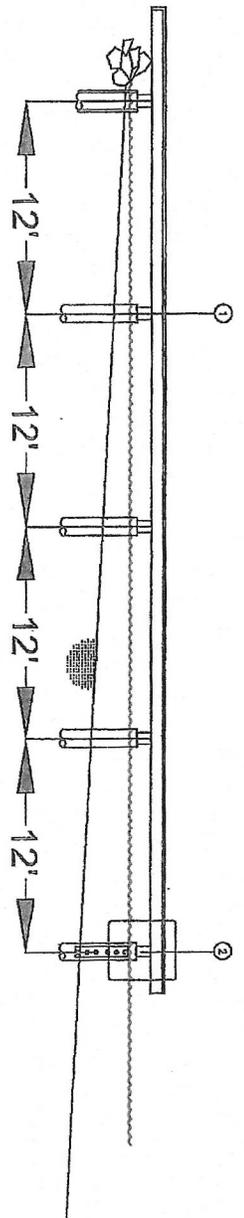
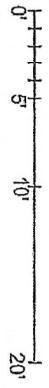
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SHEET
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PLAN VIEW AND ELEVATION - PROPOSED



- ⊕ EXISTING PILES TO BE REPAIRED WITH PILE STUB METHOD OR PILE COLLAR METHOD
- EXISTING PILES - NO WORK



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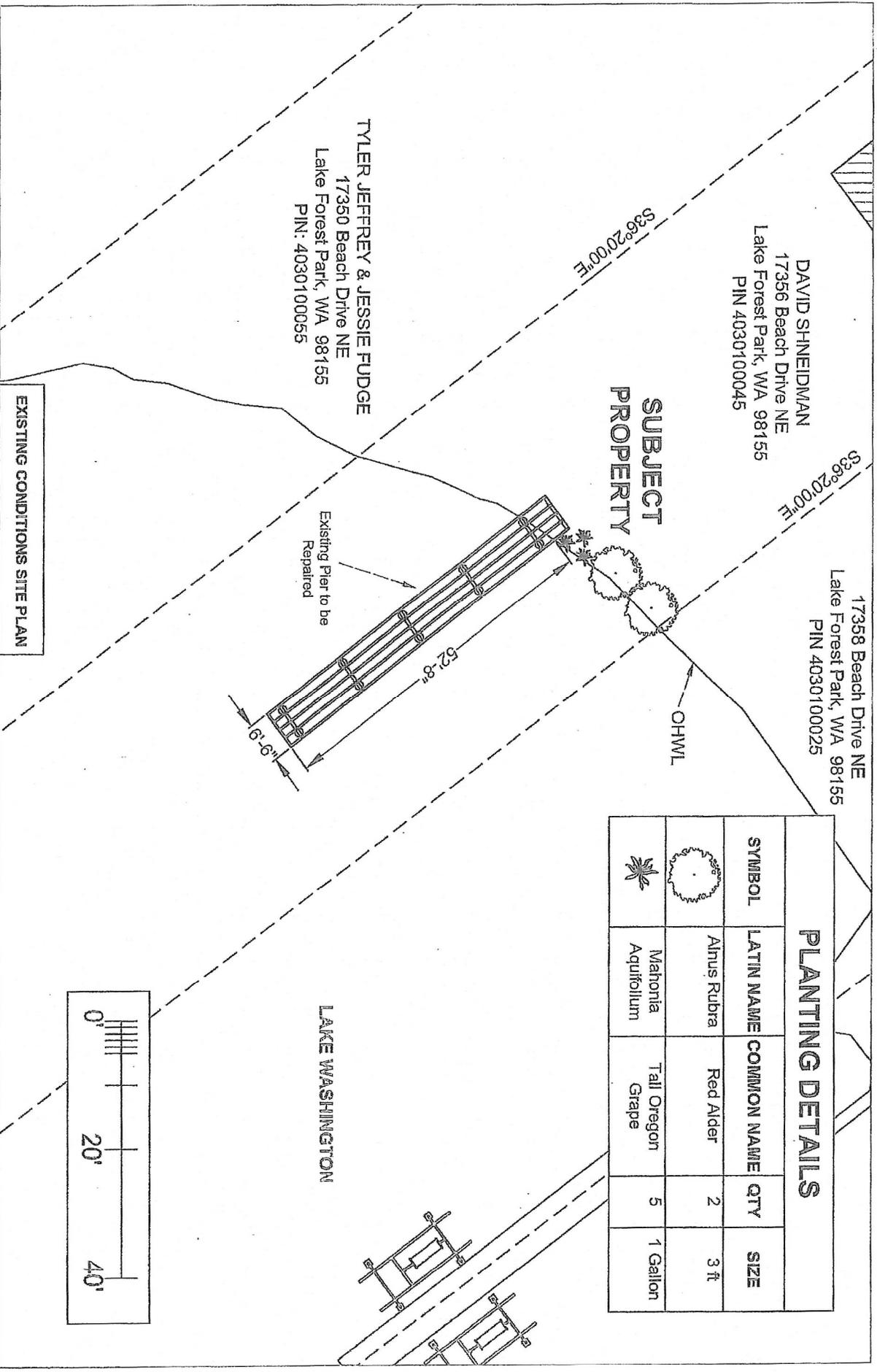
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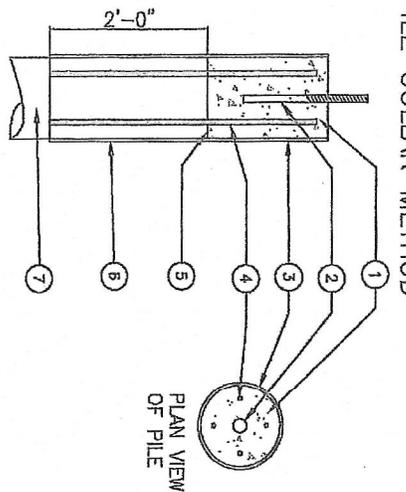
PLANTING DETAILS				
SYMBOL	LATIN NAME	COMMON NAME	QTY	SIZE
	Alnus Rubra	Red Alder	2	3 ft
	Mahonia Aquifolium	Tall Oregon Grape	5	1 Gallon

NWS-2016-104

NOTES:

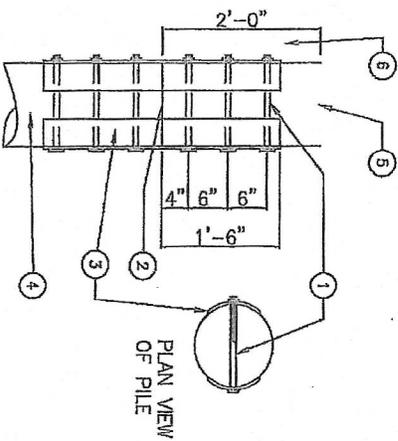
1. Wood pile stubs. The proposed wood pile stub will be Class B (12" @ 3' from Butt) - #2 Douglas Fir pilings per with ACZA per AWPA UC5A and Best Management Practices including complete drying and curing of the treated wood prior to loading on the barge and transporting to the job site
2. Steel pile collars - ASTM A53 GRB with Devran 261QC low temperature cure epoxy (16 mils) finish coated full length.
3. Structural Steel - All steel plates and beams will conform to ASTM A-53 grade B and either be poly coated or galvanized to resist rust.
4. Fasteners - All fasteners, bolts, nuts and nails will be hot-dip galvanized, except where noted.
5. All materials, workmanship, design and construction shall conform to the submitted drawings and the International Building Code.
6. The contractor will be responsible for all safety precautions and methods and processes to perform the designated work.
7. The existing and repaired design and construction meets the live load specification of a minimum of 40 PSF.
8. Lumber will be graded in conformance with WCLLB grading rules.

**DETAIL AT 1
PILE COLLAR METHOD**



1. FILL STEEL PIPE WITH CONCRETE TO THE CAP ELEVATION
2. 3/4" GALV. DRIFT PIN
3. 10" DIAMETER, 3/8" THICK, EPOXY COATED STEEL PIPE AROUND PILES
4. DRIVE 1/4" REBAR INTO EXISTING PILES
5. PILE SPLICE
6. 2" MINIMUM DISTANCE FROM BOTTOM OF COLLAR AND PILE SPLICE.
7. EXISTING PILE

**DETAIL AT 2
PILE STUB METHOD**



1. 3/4" CENTERED BOLT NUT & WASHER, GALV. - TYPICAL 6 PLACES.
2. PILE SPLICE.
3. PLATE 3/8" X 8" X 3' - 0" EPOXY COATED OR GALV. BENT TO FIT PILE.
4. EXISTING PILE.
5. NEW PILE SECTION TO MATCH EXISTING.
6. 2" MINIMUM DISTANCE FROM TOP OF BEAM TO SPLICE.

PLAN VIEW AND ELEVATION - PROPOSED

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NWS-7616-104