



DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL COORDINATOR
450 110th Ave NE., P.O. BOX 90012
BELLEVUE, WA 98009-9012

OPTIONAL DETERMINATION OF NON-SIGNIFICANCE (DNS) NOTICE MATERIALS

The attached materials are being sent to you pursuant to the requirements for the Optional DNS Process (WAC 197-11-355). A DNS on the attached proposal is likely. This may be the only opportunity to comment on environmental impacts of the proposal. Mitigation measures from standard codes will apply. Project review may require mitigation regardless of whether an EIS is prepared. A copy of the subsequent threshold determination for this proposal may be obtained upon request.

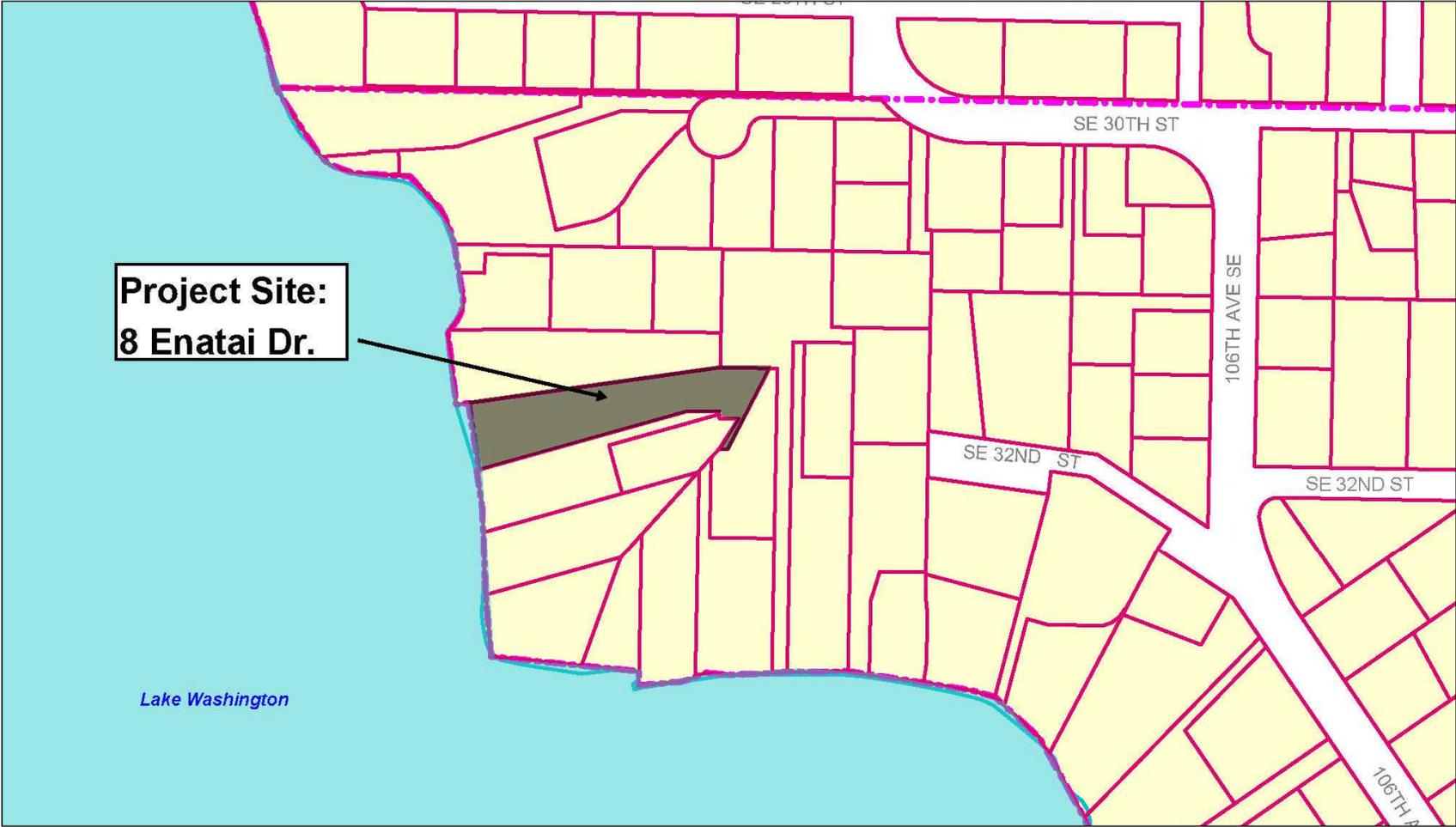
File No. 12-124689-WE
Project Name/Address: Luthy Bulkhead Repair
8 Enatai Drive
Planner: Reilly Pittman
Phone Number: 425-452-4350

Minimum Comment Period: October 25, 2012

Materials included in this Notice:

- Blue Bulletin
- Checklist
- Vicinity Map
- Plans
- Other:

Luthy Bulkhead Repair
File Number: 12-124689-WE



City of Bellevue Submittal Requirements	27a
ENVIRONMENTAL CHECKLIST	
4/18/02	
If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.	
BACKGROUND INFORMATION	
Property Owner: Thomas Luthy Proponent: Thomas Luthy Contact Person: Peter Zuvella; Waterfront Construction, Inc. (If different from the owner. All questions and correspondence will be directed to the individual listed.) Address: 205 NE Northlake Way, Suite 230, Seattle, WA 98105 Phone: (206) 548-9800	
Proposal Title: Luthy Bulkhead Top Rock Re-Setting Proposal Location: 8 Enatai Drive; Nearest cross street is SE 30th Street. (Street address and nearest cross street or intersection) Provide a legal description if available. See Project drawings for complete legal description. Please attach an 8 1/2" x 11" vicinity map that accurately locates the proposal site.	
Give an accurate, brief description of the proposal's scope and nature:	
1. General description: Replace several bulkhead top rocks that have fallen into the lake. Repair damaged rock stairs.	
2. Acreage of site: 0.59 acres	
3. Number of dwelling units/buildings to be demolished: N/A	
4. Number of dwelling units/buildings to be constructed: N/A	
5. Square footage of buildings to be demolished: N/A	
6. Square footage of buildings to be constructed: N/A	
7. Quantity of earth movement (in cubic yards): 5 cubic yards or less per application	
8. Proposed land use: No change in proposed use	
9. Design features, including building height, number of stories and proposed exterior materials: N/A	
10. Other	

RP

Estimated date of completion of the proposal or timing of phasing:

Work will be completed within the approved in-water work windows as determined by the US Army Corps of Engineers and the State Department of Fish and Wildlife.

Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No.

List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

N/A

Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. List dates applied for and file numbers, if known.

Not at this time.

List any government approvals or permits that will be needed for your proposal, if known. If permits have been applied for, list application date and file numbers, if known.

No permits have been applied for at this time, but the following will be required.
Bellevue: Shoreline Exemption; Clearing and Grading; Building Permit
Washington State Department of Fish and Wildlife: Hydraulic Project Approval
US Army Corps of Engineers: The Corps has determined the proposed work does not require a permit from them.

Please provide one or more of the following exhibits, if applicable to your proposal.
(Please check appropriate box(es) for exhibits submitted with your proposal):

- Land Use Reclassification (rezone) Map of existing and proposed zoning
- Preliminary Plat or Planned Unit Development
Preliminary plat map
- Clearing & Grading Permit
Plan of existing and proposed grading
Development plans
- Building Permit (or Design Review)
Site plan
Clearing & grading plan
- Shoreline Management Permit
Site plan

A. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site: Flat Rolling Hilly Steep slopes Mountains Other
- b. What is the steepest slope on the site (approximate percent slope)? Approximately 30%
- c. What general types of soil are found on the site (for example, clay, sand, gravel, peat, and muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are unstable soils on the site as evidenced by the current damages to the bulkhead.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Crushed Rock Backfill: Approx 3 c/y of crushed rock for back fill.
Topsoil: Approx 2 c/y to replenish what has sloughed into the lake.
Crushed rocks will either be sourced from Salmon Bay Sand & Gravel in Seattle or Marenakos in Preston. Topsoil will be sourced from a local supplier such as Pacific Topsoils or Fruhling, Inc.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Erosion is already occurring on the site. The purpose of the work is to repair the bulkhead and stop further erosion.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

No change in impervious surfaces.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

A silt containment fence will be deployed around the work area before construction begins and maintained until work is complete.

*BMPs required under clearing and grading
permit review and code BCC 23.76*

2. AIR

- a. What types of emissions to the air would result from the proposal (i.e. dust, automobile odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Minor diesel emissions will occur as a result of the construction crane. The repaired bulkhead will create no emissions.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No.

- c. Proposed measures to reduce or control emissions or other impacts to the air, if any:

None needed, none proposed.

3. WATER

- a. Surface

(1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If

appropriate, state what stream or river it flows into.

The site is located on Lake Washington.

- (2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If Yes, please describe and attach available plans.

Yes. See attached plans.

- (3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No dredging proposed.

- (4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

- (5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

The project is located on Lake Washington.

- (6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground

- (1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description.

No.

- (2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

N/A

c. Water Runoff (Including storm water)

- (1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The proposed repairs will not affect the natural flow of rainwaters into Lake Washington.

- (2) Could waste materials enter ground or surface waters? If so, generally describe.

No.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

None needed, none proposed.

4. Plants

a. Check or circle types of vegetation found on the site:

deciduous tree: alder, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other

water plants: water lily, eelgrass, milfoil, other

other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

In order to reach some of the damaged areas, some branches may need to be trimmed off the large deciduous tree to the south of the dock.

c. List threatened or endangered species known to be on or near the site.

None known.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

When the bulkhead repairs are finished, a layer of topsoil will be added to help the plants damaged by the fallen bulkhead rocks and subsequent loss of soil reestablish their roots.

5. ANIMALS

- a. Check or circle any birds and animals which have been observed on or near the site or are known to be on or near the site:
 - Birds: hawk, heron, eagle, songbirds, other:
 - Mammals: deer, bear, elk, beaver, other: Squirrel
 - Fish: bass, salmon, trout, herring, shellfish, other:

- b. List any threatened or endangered species known to be on or near the site.
Sockeye Salmon

- c. Is the site part of a migration route? If so, explain.
Sockeye Salmon use a large percentage of the Lake Washington shoreline in their migratory route.

- d. Proposed measures to preserve or enhance wildlife, if any:
None needed, none proposed.

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy need? Describe whether it will be used for heating, manufacturing, etc.
The repaired bulkhead will not require any energy.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
No.

- c. What kinds of energy conservation features are included in the plans of the proposal? List other proposed measures to reduce or control energy impacts, if any:
None needed, none proposed.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.
No.

(1) Describe special emergency services that might be required.

If a spill were to occur, the Coast Guard, Environmental Services, and the Department of Ecology will be notified, with appropriate responses. Spill response procedures are posted on the construction barge at all times.

(2) Proposed measures to reduce or control environmental health hazards, if any.

Spill response procedures are posted on the construction barge at all times.

b. Noise

- (1) What types of noise exist in the area which may affect your project (for example, traffic, equipment, operation, other)?

The project site is located about 0.3 miles from the East Channel Bridge of I-90 so a faint sound of traffic can be heard but it will in no way affect the proposed repair work.

- (2) What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example, traffic, construction, operation, other)? Indicate what hours noise would come from the site.

No noise will be created by the repaired bulkhead.

*Construction noise regulated by BCC
9.18*

- (3) Proposed measures to reduce or control noise impacts, if any:

None needed, none proposed.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?

All the surrounding properties are Single Family Residential.

- b. Has the site been used for agriculture? If so, describe.

Not to my knowledge.

- c. Describe any structures on the site.

The site contains a house built in 1975, the existing rock bulkhead to be repaired, and a dock.

- d. Will any structures be demolished? If so, what?

No.

- e. What is the current zoning classification of the site?

R-3.5

- f. What is the current comprehensive plan designation of the site?

Unknown.

*SF-M, Single-Family Medium
Density*

- g. If applicable, what is the current shoreline master program designation of the site?

Unknown.

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Yes. The entire shoreline of Lake Washington is classified as an environmentally sensitive area.

- i. Approximately how many people would reside or work in the completed project?

N/A

- j. Approximately how many people would the completed project displace?

N/A

- k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

- i. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
N/A

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
N/A

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
N/A

- c. Proposed measures to reduce or control housing impacts, if any:
N/A

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
N/A

- b. What views in the immediate vicinity would be altered or obstructed?
N/A

- c. Proposed measures to reduce or control aesthetic impacts, if any:
N/A

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
None.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?
No

- c. What existing off-site sources of light or glare may affect your proposal?
N/A
- d. Proposed measures to reduce or control light or glare impacts, if any:
N/A

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
Fishing and recreational boating are available on Lake Washington.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
N/A

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.
None known.
- b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.
N/A
- c. Proposed measures to reduce or control impacts, if any:
N/A

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.
N/A
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
No. Less than a mile.
- c. How many parking spaces would be completed project have? How many would the project eliminate?
N/A
- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).
No.
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
No.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

None.

g. Proposed measures to reduce or control transportation impacts, if any:

N/A

15. Public Services

a. Would the project result in an increased need for the public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No.

b. Proposed measures to reduce or control direct impacts on public services, if any.

N/A

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

N/A

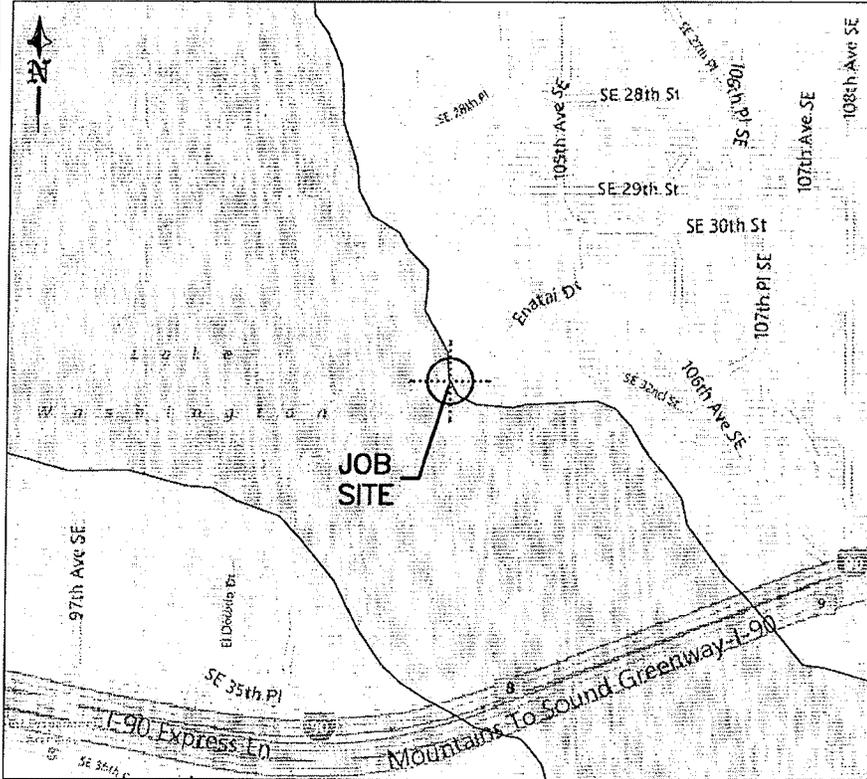
Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature.....Peter Zumb.....

Date Submitted.....September 20, 2012.....

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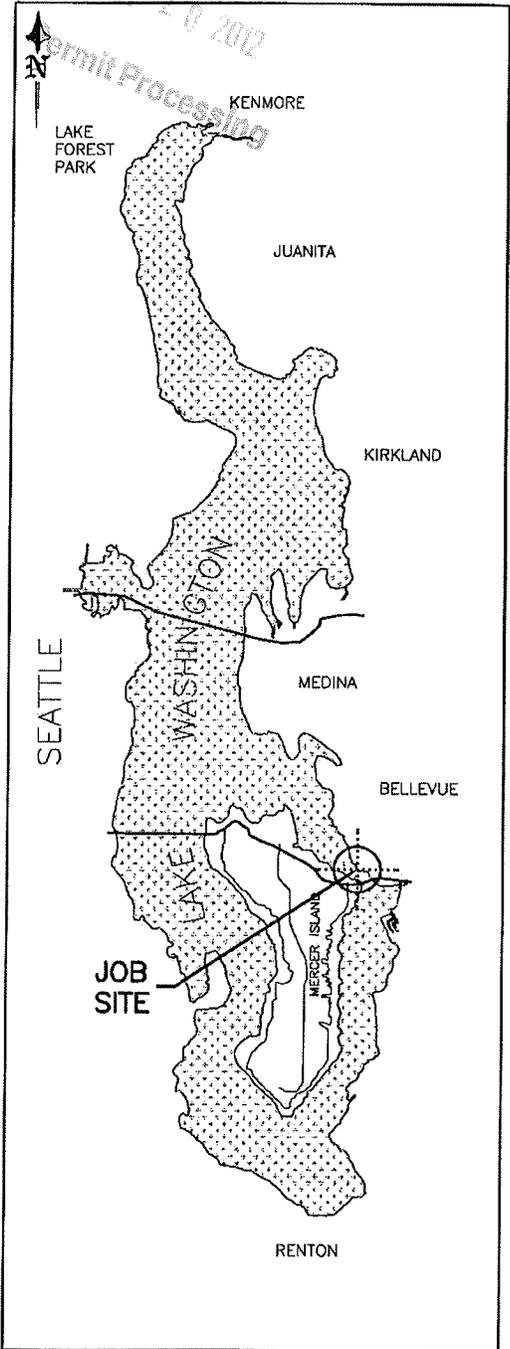
VICINITY MAP/NO SCALE

LEGAL DESCRIPTION

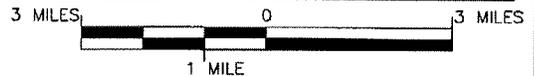
1/4 SEC: NW-8-24-5
 TAXLOT #: 082405 9114

BEG AT A PT 1018.795 FT S & 1365 FT W OF NE COR OF GL 3 OF SD SEC TH
 S 82-09-47 W 293.35 FT TH S 85 FT TH N 74-36-31.2 E 301.42 FT TH S
 60.85 FT TH E 75 FT TH N 105.85 FT TH W 75 FT TO PT OF BEG TGW 2ND
 CLASS TIDE LDS ADJ LESS POR ELY OF LN RNNG N 27-52-00 E FR PT 63.688
 FT W OF SE COR TGW POR GL 2 BEG AT PT 1063.795 FT S & 1365 FT W OF NE
 COR GL 3 SD SEC TH S 12 FT TH S 89-46-00 W 44.25 FT TH N 74-36-31 E
 45.89 FT TO POB LESS POR BAAP 1063.794 FT S & 1365 FT W OF NE COR GL 3
 TH S 60.85 FT TO TPOB TH N 40 FT TH N 89-46-00 E 25 FT M/L TO C/L
 ESMT RD TH S 31-56-23 W 47.26 FT ALG SD C/L TO TPOB

LAT: 47.582699 (47° 34' 57.72" N)
 LONG: -122.202694 (122° 12' 9.70" W)



AREA MAP/Scale: 1"=3miles



PURPOSE: RESTORE SHORELINE INTEGRITY

DATUM: COE 0.0' EST 1919

ADJACENT OWNERS:

- ① PATT PAUL J
5 ENATAI DRIVE
BELLEVUE, WA. 98004
- ② ODOM JOHN P & REGAN M SHERICK
7 ENATAI DRIVE
BELLEVUE, WA. 98004

PROJECT NAME: LUTHY

REFERENCE #:

SITE LOCATION ADDRESS:

8 ENATAI DRIVE
 BELLEVUE, WA. 98004

DWG#: 12-32039-A,1-1

PROPOSED: REPAIR EXISTING ROCK BULKHEAD

IN: LAKE WASHINGTON

NEAR: BELLEVUE

COUNTY: KING

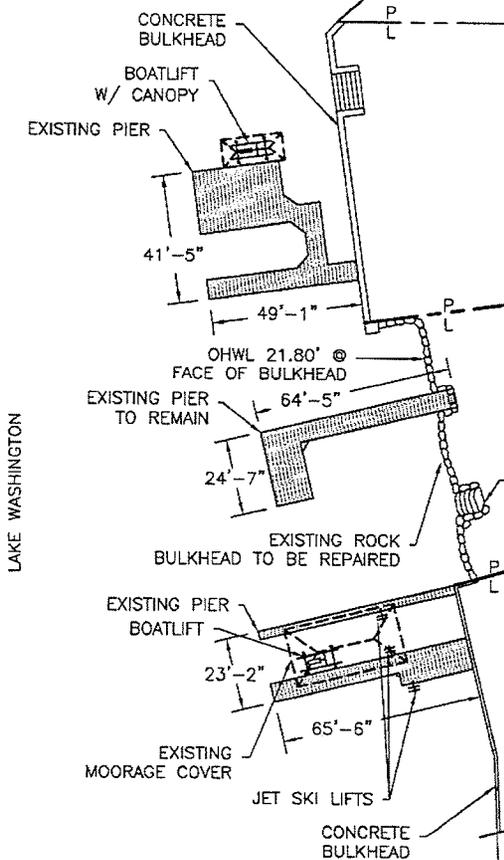
STATE: WA

APPL BY: THOMAS M LUTHY

SHEET: 1

OF: 5

DATE: 9-18-12

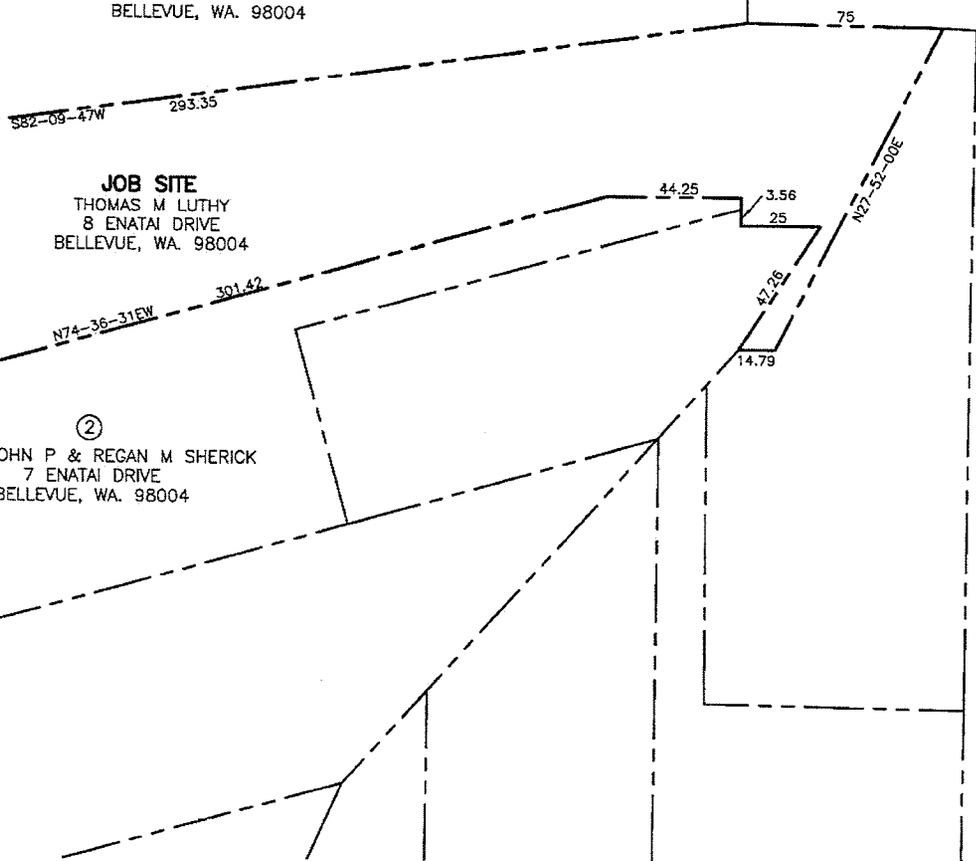


①
PATT PAUL J
5 ENATAI DRIVE
BELLEVUE, WA. 98004

JOB SITE
THOMAS M LUTHY
8 ENATAI DRIVE
BELLEVUE, WA. 98004

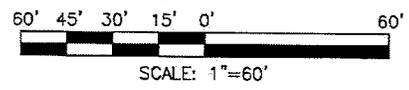
②
ODOM JOHN P & REGAN M SHERICK
7 ENATAI DRIVE
BELLEVUE, WA. 98004

EXISTING STEPS
TO BE REPAIRED



LAKE WASHINGTON

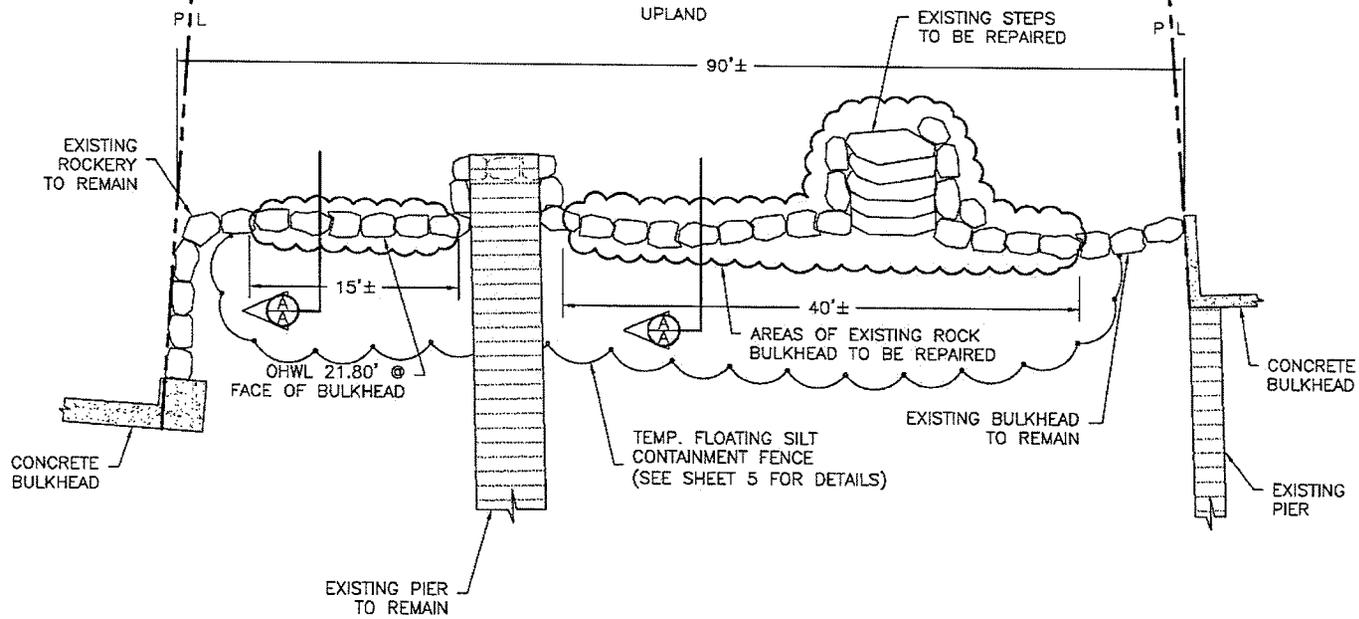
SITE PLAN



REFERENCE #:	
APPLICANT:	THOMAS M LUTHY
PROPOSED:	REPAIR EXISTING ROCK BULKHEAD
NEAR/AT:	BELLEVUE
SHEET:	2 OF 5
DATE:	9-18-12
DWG#:	12-32039-A.2-1

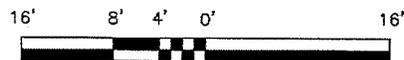
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JOB SITE
 THOMAS M LUTHY
 8 ENATAI DRIVE
 BELLEVUE, WA. 98004



LAKE WASHINGTON

BULKHEAD DETAIL VIEW

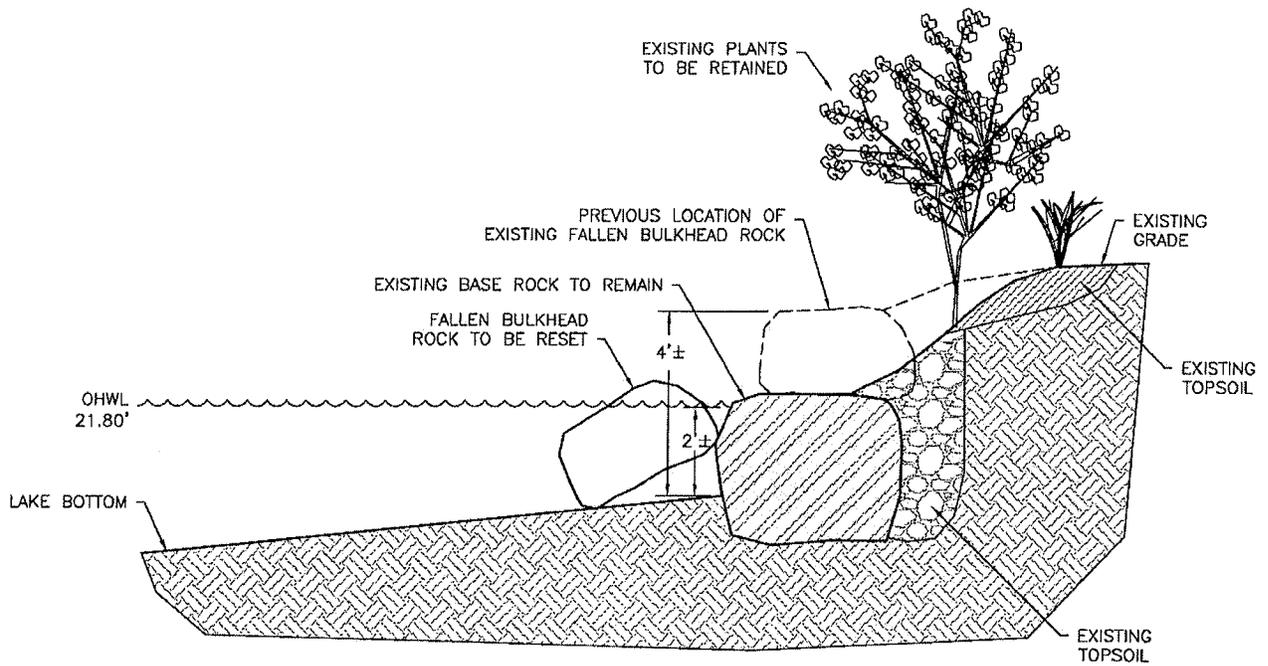


SCALE: 1/16"=1'

REFERENCE #:	
APPLICANT: THOMAS M LUTHY	
PROPOSED: REPAIR EXISTING ROCK BULKHEAD	
NEAR/AT: BELLEVUE	
SHEET: 3	OF: 5
DATE: 9-18-12	DWG#: 12-32039-A.3-1

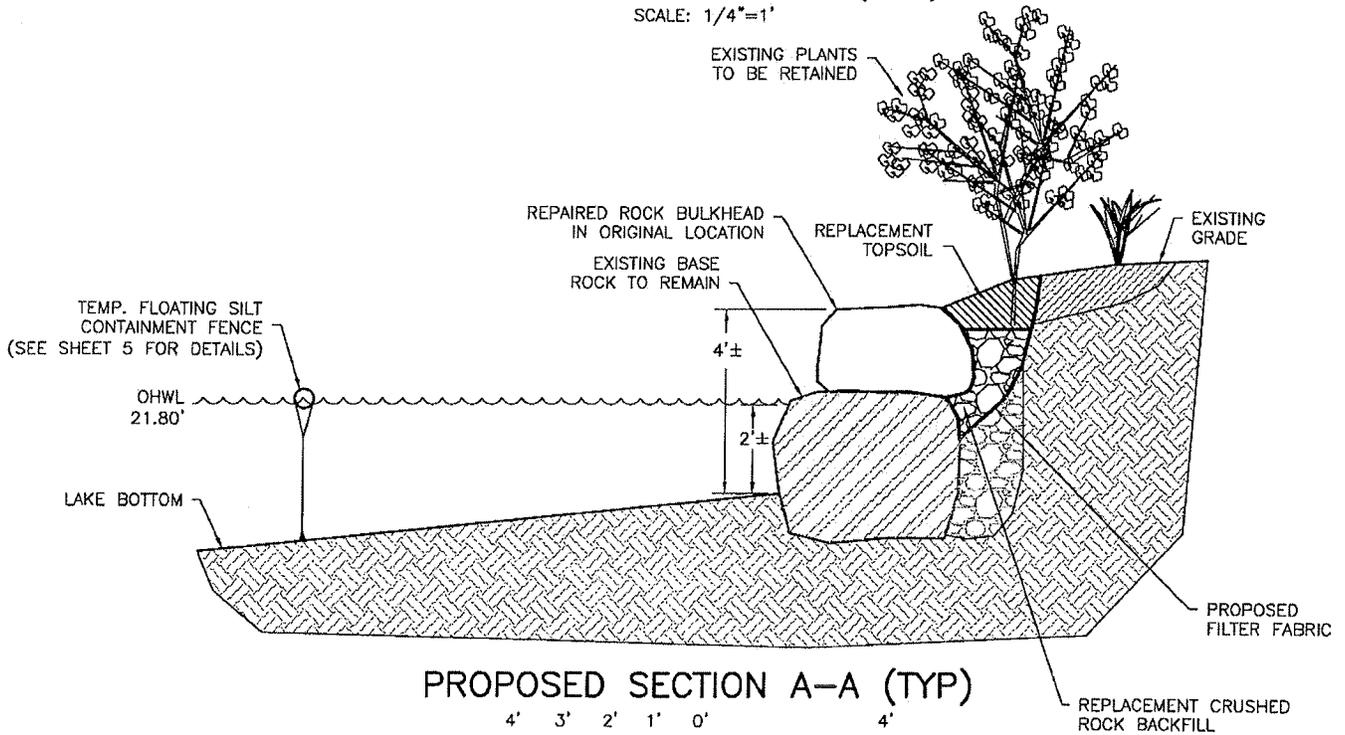
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EXISTING SECTION A-A (TYP)

SCALE: 1/4"=1'

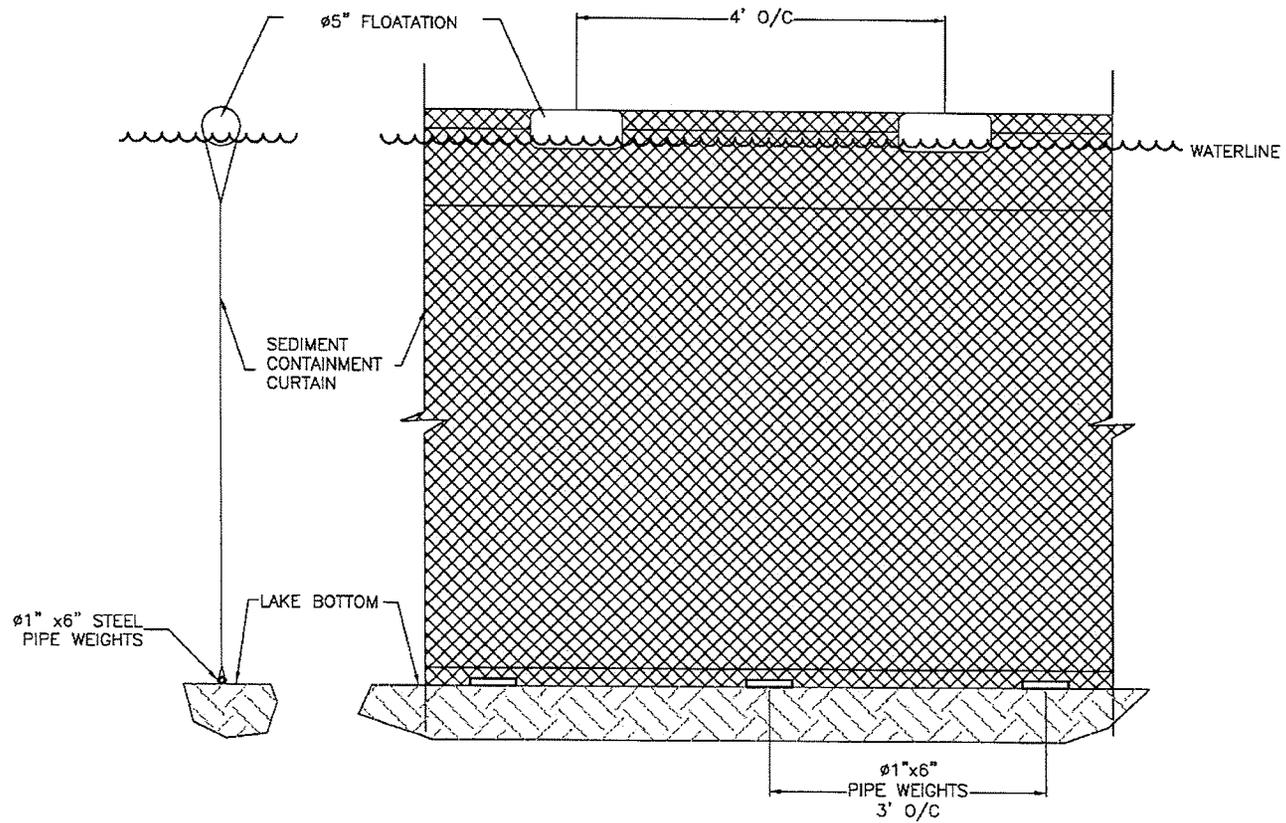


PROPOSED SECTION A-A (TYP)

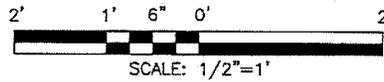
SCALE: 1/4"=1'

FILL	
TOPSOIL	2 C/Y
BACKFILL	3 C/Y
TOTAL=	5 C/Y

REFERENCE #:	
APPLICANT: THOMAS M LUTHY	
PROPOSED: REPAIR EXISTING ROCK BULKHEAD	
NEAR/AT: BELLEVUE	
SHEET: 4	OF: 5
DATE: 9-18-12	DWG#: 12-32039-A.4-1



TEMP. FLOATING SILT CONTAINMENT FENCE



REFERENCE #:	
APPLICANT: THOMAS M LUTHY	
PROPOSED: REPAIR EXISTING ROCK BULKHEAD	
NEAR/AT: BELLEVUE	
SHEET: 5	OF: 5
DATE: 9-18-12	DWG#: 12-32039-A.5-1

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Received

1/22/2

Refin. Processing



Directly south of the pier: This photo shows exposed roots from the tree and nearshore shrubs and crushed rock backfill about to fall into the lake.



Another angle of the same area taken at a different time of day. Note the exposed roots and uncovered crushed rock backfill.

Received

SEP 20 2012

Permit Processing



In front of the large tree: Several of the fallen bulkhead rocks to be reset. There are two others to the left of the one in the middle of the photo.



Directly north of the pier: More exposed shrub roots and uncovered crushed rock backfill. There are rocks in the water but are difficult to see. Sinkholes have developed in this area due to the top rocks falling in and wave action coming over the top.



Rock stairs into water: You can see the last step before the water is crooked and the others in the lake are completely uneven.



Another view of the rocks at the bottom of the stairs: These are not safe for walking on. Also note the other larger rocks in the water that have fallen from the bulkhead.