



DEVELOPMENT SERVICES DEPARTMENT  
ENVIRONMENTAL COORDINATOR  
450 110<sup>th</sup> 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. 14-134207-LO

Project Name/Address: Falk Vegetation Management 6539 170th Pl SE

Planner: David Wong

Phone Number: 425-452-4282/dwong@bellevuewa.gov

**Minimum Comment Period:** July 17, 2014

Materials included in this Notice:

- Blue Bulletin
- Checklist
- Vicinity Map
- Plans
- Other: Vegetation Management Plan

#### **OTHERS TO RECEIVE THIS DOCUMENT:**

- State Department of Fish and Wildlife / [Sterwart.Reinbold@dfw.gov](mailto:Sterwart.Reinbold@dfw.gov); [Christa.Heller@dfw.wa.gov](mailto:Christa.Heller@dfw.wa.gov);
- State Department of Ecology, Shoreline Planner N.W. Region / [Jobu461@ecy.wa.gov](mailto:Jobu461@ecy.wa.gov); [sepaunit@ecy.wa.gov](mailto:sepaunit@ecy.wa.gov)
- Army Corps of Engineers [Susan.M.Powell@nws02.usace.army.mil](mailto:Susan.M.Powell@nws02.usace.army.mil)
- Attorney General [ecyolyef@atg.wa.gov](mailto:ecyolyef@atg.wa.gov)
- Muckleshoot Indian Tribe [Karen.Walter@muckleshoot.nsn.us](mailto:Karen.Walter@muckleshoot.nsn.us); [Fisheries.fileroom@muckleshoot.nsn.us](mailto:Fisheries.fileroom@muckleshoot.nsn.us)



This map is for informational purposes only. The information on this map is not guaranteed to be accurate or complete. The data is provided on an "as is" basis and does not constitute any warranty.

**ENVIRONMENTAL CHECKLIST**

10/9/2009

Thank you in advance for your cooperation and adherence to these procedures. If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call Development Services (425-452-6800) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Assistance for the hearing impaired: Dial 711 (Telecommunications Relay Service).

**INTRODUCTION**

**Purpose of the Checklist:**

The State Environmental Policy Act (SEPA), Chapter 43.21c RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the City of Bellevue identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the City decide whether an EIS is required.

**Instructions for Applicants:**

This environmental checklist asks you to describe some basic information about your proposal. Answer the questions briefly, with the most precise information known, or give the best description you can. You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer or if a question does not apply to your proposal, write "do not know" or "does not apply." Giving complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the Planner in the Permit Center can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. Include reference to any reports on studies that you are aware of which are relevant to the answers you provide. The City may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impacts.

**Use of a Checklist for Nonproject Proposals:** *A nonproject proposal includes plans, policies, and programs where actions are different or broader than a single site-specific proposal.*

For nonproject proposals, complete the Environmental Checklist even though you may answer "does not apply" to most questions. In addition, complete the Supplemental Sheet for Nonproject Actions available from Permit Processing.

For nonproject actions, the references in the checklist to the words *project*, *applicant*, and *property* or *site* should be read as *proposal*, *proposer*, and *affected geographic area*, respectively.

**Attach an 8 ½" x 11 vicinity map which accurately locates the proposed site.**

**ENVIRONMENTAL CHECKLIST**

4/11/2013

If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call Development Services (425-452-6800) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Assistance for the hearing impaired: Dial 711 (Telecommunications Relay Service).

**BACKGROUND INFORMATION**

Property Owner:

Proponent:

Contact Person:

(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address:

Phone:

Proposal Title:

Proposal Location:

(Street address and nearest cross street or intersection) Provide a legal description if available.

Please attach an 8 ½" 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:
2. Acreage of site:
3. Number of dwelling units/buildings to be demolished:
4. Number of dwelling units/buildings to be constructed:
5. Square footage of buildings to be demolished:
6. Square footage of buildings to be constructed:
7. Quantity of earth movement (in cubic yards):
8. Proposed land use:
9. Design features, including building height, number of stories and proposed exterior materials:

**10.** Other

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

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

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

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.

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.

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)?
- 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.
  
- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.
  
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
  
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
  
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

**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.
  
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
  
- c. Proposed measures to reduce or control emissions or other impacts to the air, if any:

### 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.
  
- (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.
  
- (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.
  
- (4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
  
- (5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
  
- (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.

#### b. Ground

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

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.

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

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

**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?

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

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

## 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:

Fish: bass, salmon, trout, herring, shellfish, other:

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

c. Is the site part of a migration route? If so, explain.

d. Proposed measures to preserve or enhance wildlife, if any:

## 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.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

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:

## 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.

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

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

b. Noise

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

(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.

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

**BCC 9.18**

## **8. Land and Shoreline Use**

- a. What is the current use of the site and adjacent properties?
- b. Has the site been used for agriculture? If so, describe.
- c. Describe any structures on the site.
- d. Will any structures be demolished? If so, what?
- e. What is the current zoning classification of the site?
- f. What is the current comprehensive plan designation of the site?
- g. If applicable, what is the current shoreline master program designation of the site?
- h. Has any part of the site been classified as an “environmentally sensitive” area? If so, specify.
- i. Approximately how many people would reside or work in the completed project?
- j. Approximately how many people would the completed project displace?
- k. Proposed measures to avoid or reduce displacement impacts, if any:
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

## 9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
  
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
  
- c. Proposed measures to reduce or control housing impacts, if any:

## 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?
  
- b. What views in the immediate vicinity would be altered or obstructed?
  
- c. Proposed measures to reduce or control aesthetic impacts, if any:

## 11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
  
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
  
- c. What existing off-site sources of light or glare may affect your proposal?
  
- d. Proposed measures to reduce or control light or glare impacts, if any:

## 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
- b. Would the proposed project displace any existing recreational uses? If so, describe.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

## 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.
- b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.
- c. Proposed measures to reduce or control impacts, if any:

## 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.
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
- c. How many parking spaces would be completed project have? How many would the project eliminate?
- 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).
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
- g. Proposed measures to reduce or control transportation impacts, if any:

**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.

No.

**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.

No proposed utilities.

**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.....

Date Submitted..... January 9, 2014

**Regarding: Vegetation Management Plan**  
Falk residence  
6539 170<sup>th</sup> Pl. SE., Bellevue, WA 98006  
Highlands at Bellevue



**Madtes Design**  
Landscape Architecture

anitam@madtesdesign.com  
(206) 853-4668

### **Project site**

Address: 6539 170<sup>th</sup> Pl. SE., Bellevue, WA 98006  
King County tax parcel number 330385-0080  
Legal description: Highlands at Bellevue lot 8, according to plat recorded in volume 188 of plats, pages 65 through 73, in King County WA.

The project site is an irregularly shaped 32,890 ft.<sup>2</sup> residentially zoned parcel located on the west side of 170<sup>th</sup> Pl. Southeast which is in the Pinnacle at Highlands in Bellevue, Washington. The site has street frontage on 170<sup>nd</sup> Pl. Southeast along the properties east property line as well as at the toe of the slope.

The site itself and adjoining parcels are developed and residential in nature. The site consists of a large single-family residence, driveway, and formal landscaped areas on the eastern half of the site and the small lawn and courtyard on the Western edge. The western half of the site consists of NGPA and RVA areas in. The site is currently zoned R-3.5 (single-family residential; 3.5 dwelling units per acre).

### **CRITICAL AREAS**

A request for voluntary compliance (RBC) was issued by the city of Bellevue on August 2, 2013 under case number 12-128054 the “topping of trees not permitted as part of a vegetative management plan.”

Geological hazards regulated by the City of Bellevue as “critical areas” under Bellevue LUC chapter 20.25H (Critical Areas Overlay District). LUC chapter 20.25H.V11 establishes the standards and procedures that apply to development on any site that contains in whole or in part any portion of a geologic hazard.

### **MANAGEMENT AREA OVERVIEW**

Management area for the proposed restoration is limited to 7716 ft.<sup>2</sup> on the back half of the property where steep slopes occur. (Shown on Sheet 0.01 of the Restoration Management Plan). The proposed vegetation management activities allow for a tree removal and/or tree windowing along with the replanting of specific native trees and shrubs as well as the maintenance of installed native plantings for the period of

three (3) years. Any existing fallen limbs and branches will remain on site provide wildlife habitat as course woody debris.

The site has a number of large woody plants as well as a number of existing deciduous and evergreen trees. The site is in a Geologic Hazard Steep Slope/Erosion Area with RVA/NGPA areas and should be covered by vegetation as quickly as possible.

New emergent vegetation is showing on the lower portion of the slope. These include Salal (*Gaultheria shallon*), Oregon grape (*Mahonia nervosa*), Western sword Fern (*Polystichum munitum*), and assorted weed species.

Topography within the site has steep slopes in areas exceeding 40%. Soils within and adjacent to the management area are mapped as both Beausite gravelly sandy loam 15 to 30% slopes. Beausite series soils formed on the glacial deposits and are made up of well-drained soils that are underlain by sandstone at a depth of 20 to 40 inches. On-site soils were generally very dark brown (10 YR 2/2)sandy to gravelly sandy loam. No prime farmland is present.

After surveying site, many alders, vine maples, cedars, Doug firs, and 2 hemlocks remain. The upper and lower third of the site are stands up Alder under 4- 6 inches in diameter.

Qty	Species	Diameter
2200 sf	<i>Alnus rubra</i> (Red Alder)	Between 2-6 in.
3	<i>Acer macrophyllum</i> (Bigleaf maple)	Between 6-14 in.
Total trees 36" and greater removed: 3		

Figure 1. Photographs of existing site conditions



### Function Value

The primary function of vegetation in an Environmentally Critical Area (ECA) is to help stabilize soil, to reduce erosion and provide habitat. Without the stabilizing

influence of vegetation the likelihood of erosion and in worst cases scenario, slope failure, can be greatly mitigated by a strong rooted trees and shrubs providing good canopy protection for soils.

The presence adjacent properties adjacent to the property boundary provides an opportunity to expand and provide habitat and stability for this mitigation project. By tying in to the existing neighboring properties this project will create a larger footprint for habitat protection and slope stabilization. Reuse of woody debris remaining from the clearing actions will be retained and used provide opportunities for foraging and cover for the small mammals and birds populations, as well as providing stability for newly planted vegetation.

The on-site ECA does not contain streams and/or wetlands and does not provide habitat unique to the project site and or the local vicinity. Due to the tree topping on the site no avian nesting and or roost sites are present.

### **Species of Local Importance**

While the site exists within known ranges of Priority Habitats and Species (PHS) the individual properties are not mapped. Although the project is located in regions covered by the LUC 20.205H.150 'species of local importance', the likelihood that the project site provide habitat potential for opportunities for the species slow due to the general habitat conditions that exist on site, the lack of streams wetlands within and or adjacent to the project site, and the distance from the project site to large freshwater lakes and or Marine shorelines. Based on these criteria's the species with highest potential for habitat use is the Pileated Woodpecker. Its potential use for the project site is low and its expected use is as a migratory corridor or limited foraging.

The Pileated Woodpecker (*Dryocopus pileatus*) is one of the largest woodpeckers found in North America and is commonly referred to as "Keystone habitat modifier" because it creates nesting cavities Use by Other Force Public Species. Preferential Habitat for Pileated Woodpeckers Includes Old-Growth Conifer Forests or sagging growth conifer forest with large snags the pine trees. Nest tree characteristics can be variable, but generally include large diameter hard conifer snags with intact bark and broken tops and/or live conifer trees with the tops. Roost trees are typically characterized by hollow trees or trees having vacated this cavities. Pray species include carpenter attach ants, beetle larva, termites, and other insects associated with large diameter dead or decaying wood. Because of lack of large diameter snags decaying wood potential use of the project site and pileated woodpeckers is low and, if present, would be limited to use as a migratory corridor or for limited foraging.

In addition to the species listed Western big-eared bat (*Plecotus townsendii*), Keen's myotis (*Myotis keenii*), long-legged myotis (*Myotis volans*), and long-eared myotis (*Myotis evotis*) distribution is thought to range from limited to widespread throughout Western United States. In any case, distribution is not thought to be abundant and little is known regarding the specific habitat requirements for the species. Because of the uncertainty regarding distribution and habitat requirements in the local area, it's hard projects utilization of the project site by the species. As such, the probable use is assumed to be low or nonexistent based on the general suitability of the on-site habitat types.

### **Vegetation Management Plan Components**

The primary purpose of the proposed vegetation management plan is to replant areas impacted by the recent topping and to address view impacts. A detailed restoration plan as well as three (3) years of maintenance and monitoring is proposed to ensure the restaurant vegetation is successfully established. Specific goals, objectives, and performance standards for the restoration plan are described in detail on sheet L0.01 of the plan and outlined below:

#### Short-term objectives:

- Increase native plant density and mitigate the temporal loss of tree cover by installing native plants within the management area per approved planting plan.
- Reduce the presence of and minimize the opportunity for noxious weed species expansions within the management plan area by removing limiting the amount Himalayan BlackBerry located in the South Western half of the management area.
- Maintain existing habitat characteristics within the management area by leaving in existing tree trunks, branch piles and limbs.
- Reopen and manage view corridors from the residence to prevent future tree topping

#### Long-Term Objectives:

Successfully established installed native plant species and minimize noxious weed species to help maintain slope stability and existing wildlife habitat functions. The long-term objectives will be considered achieved when the following has occurred:

- 80% survival by installed plants after the third year following installation

- Less than 10% coverage within the management area by Himalayan blackberry.

The reports restoration plan includes site-specific application of the following restoration design standards outlined by the City of Seattle's Critical Areas handbook:

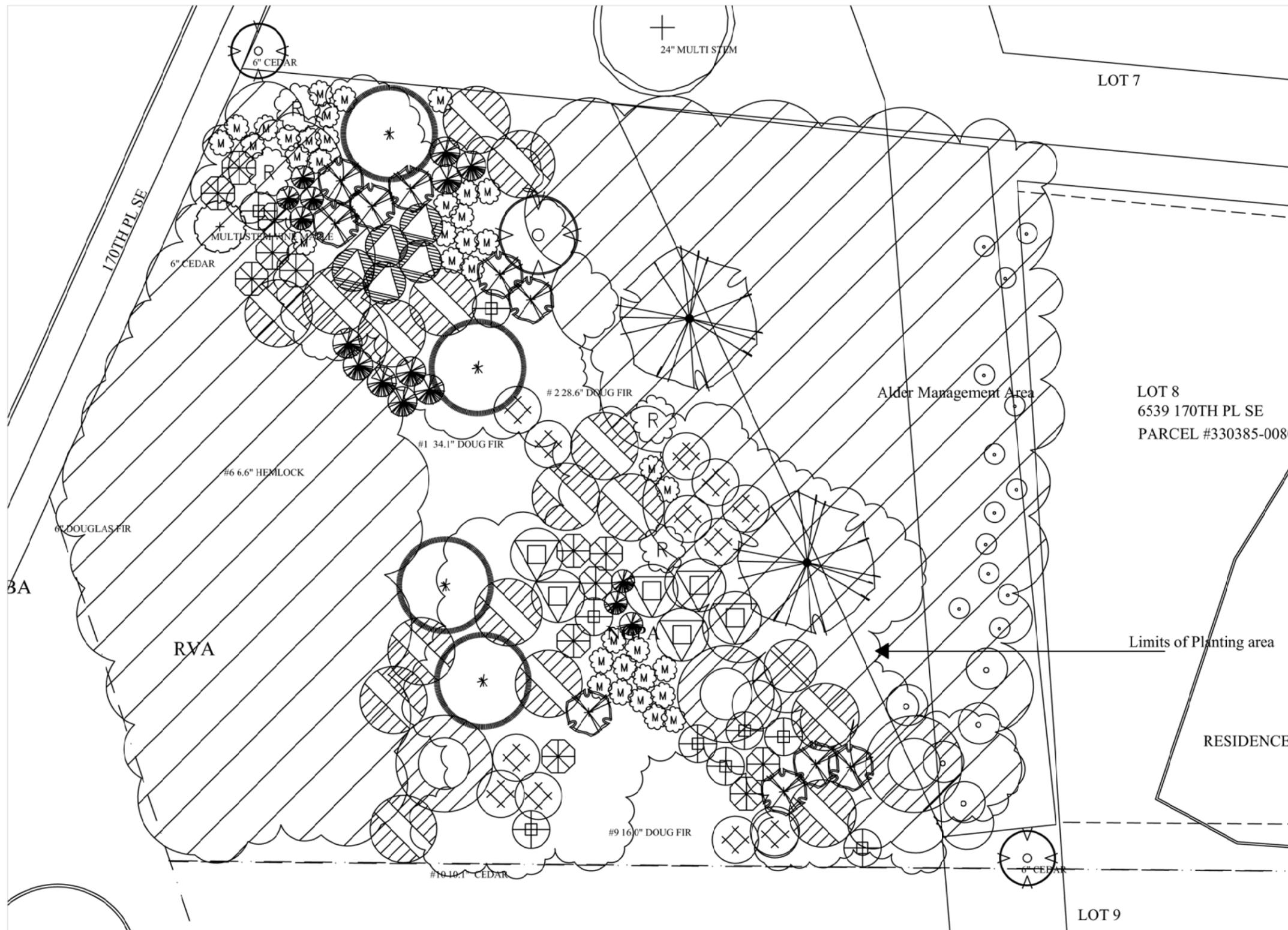
- Installation of plant species consistent with those outlined in the "Geological Hazards Planting Templates". To ensure successful establishment, all opposed plant species are recommended for use in geological hazard areas and or are present within the management area or on adjoining contiguous portions of the ECA.
- Use of appropriate size and form for installed plants stock. One (1) and two (2) gallon containerized nursery tree stock is proposed for use. Smaller nursery stock for small sub-shrubs will enable more dense planting. The specified form and size have larger root systems than 1 gallon plants of the same species and are less prone to transplant shock than bare root or five (5) gallon plants at the same species.
- Use of appropriate plant spacing. Proposed tree spacing is 9 feet on center for trees, 6 feet on center for shrubs, 4 feet on center for ground covers (specific distances listed in attach planting plan). To provide horizontal separation between trees and developed portions of the site, dense shrubs and ground covers will be installed in the north eastern portion of the ECA.
- Removal of invasive species. Although not widespread on-site, Himalayan blackberry will be controlled.
- Use of appropriate notes and details to guide plan implementation.

A detailed maintenance, monitoring and contingency plan as described on sheet one of the restoration plan. Maintenance is proposed for a period of three years and includes weeding and pruning of the installed plants to ensure successful establishment and vigorous growth. Monitoring is proposed for a period of three years and includes annual vegetation assessments and reporting to the City of Bellevue. The contingency plan finds the Landowner to work with the city of Bellevue to ensure that the proposed restoration is a success.

### **Cost Estimates**

Sheet L2.02 has a breakdown of installation costs.

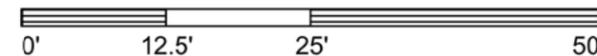
Estimated costs for maintenance and monitoring are \$400 for years one through three for labor and maintenance. Cost for monitoring for years one through three is estimated at \$2100.



Utility location and characteristics shown on the drawing, if any, are based on the field location of the apparent surface evidence of existing structures. The underground routing and condition of buried utilities has not been verified or confirmed. Additional utility location and mapping may be required. Field locate, verify depth of, and adequately protect all utilities prior to the start of work.

**CALL 2 DAYS  
BEFORE YOU DIG  
1-800-424-5555**

WRITTEN DIMENSIONS TAKE PRECEDENCE



**Drawing Notes**

No work shall occur beyond the designated management area limits (Planting Limits).

No tree or tree crown removal is permitted by this plan. All existing felled trees and related limb/branch debris shall remain in place.

All work shown shall conform to any and all applicable permits and/or approved construction drawings.

Contractor shall have a copy of this plan readily available at the job site.

Plant locations shown are approximate. Adjust plant locations to accommodate site condition, existing/remaining native vegetation, and/or per plan designer at the time of installation.

Plant material, quality and locations shall be inspected by plan designer prior to installation.

Refer to sheet L2.02 for plant installation details and plant schedule. Refer to sheets for plant installation specification.

Protect and accommodate existing native vegetation within planting area during and after plant installation.

Following plant installation, place mulch at the base of each installed plant to a minimum of 6 inches. See details L2.02.

SELECTIVE THINNING OF THE ALDER THICKETS AND REPLANTING WITH SWORD FERNS OR SALAL. SEE PLANT LEGEND FOR DENSITIES.

**FALK  
Residence**

Owners:  
Cary Falk And Quynh Vuong

Location  
6539 170th PLACE SE  
BELLEVUE WA 98006



**MADTES DESIGN**  
LANDSCAPE ARCHITECTURE

PMB 42  
227 BELLEVUE WAY NE  
BELLEVUE WA 98004  
206.653.4668  
anita@madtesdesign.com



STATE OF  
WASHINGTON  
LICENSED  
LANDSCAPE ARCHITECT

ANITA L. MADTES  
LICENSE NO. 1016  
EXPIRES ON 08/26/2014

Issue Date  
11.15.13

Revisions  
12.01.13 TOPO UPDATES  
03.08.14 NOTES UPDATES

Drawn/Checked  
11.23.13 ALM

Sheet Title  
**REVEGETATION  
PLAN**

Sheet Number

**L2.00**

Project Number

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1-800-424-5555**

Utility location and characteristics shown on the drawing, if any, are based on the field location of the apparent surface evidence of existing structures. The underground routing and condition of buried utilities has not been verified or confirmed. Additional utility location and mapping may be required. Field locate, verify depth of, and adequately protect all utilities prior to the start of work.

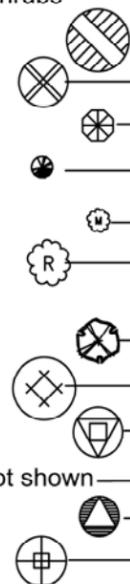
**Trees**



Malus fusca  
Prunus emarginata  
Tsuga heterophylla

			Qty.	Size
Pacific Crab Apple	As shown	2	5 Gal. or as available B&B	
Bitter Cherry	As shown	3	2 Gal. or as available B&B	
Western Hemlock	As shown	4	5 Gal. or as available B&B	

**Shrubs**



Acer circinatum  
Amelanchier alniflora  
Cornus sericea  
Gaultheria shallon  
Mahonia nervosa  
Rhododendron macro.  
(alt. R. augustinii)  
Rubus parviflorus  
Philadelphus lewisii  
Sambucus racemosa  
Rosa gymnocarpa  
Ribes sanguineum  
Rubus spectabilis

Vine Maple	5' o.c.	16	2 Gal. or as available B&B
Serviceberry	6' o.c.	1	5 Gal. or as available B&B
Red-osier dogwood	4' o.c.	13	1 Gal.
Salal	3' o.c.	17	1 Gal.
Dull Oregon-Grape	3' o.c.	37	1 Gal.
Pacific Rhododendron	12' o.c.	4	5 Gal. or as available B&B
Thimbleberry	4' o.c.	10	2 Gal. or as available B&B
Mock orange	4.5' o.c.	12	2 Gal. or as available B&B
Red Elderberry	4.5' o.c.	3	2 Gal. or as available B&B
Bald-hip Rose	4.5' o.c.	5	1 or 2 Gal.
Red Currant	4.5' o.c.	5	1 or 2 Gal.
Salmonberry	4' o.c.	10	2 Gal.



Polystichum munitum Western Sword Fern 12" o.c. 30% 1 Gal. / 70% 4"

Plant Western Sword Ferns at a rate of one (1) 1-Gal. pot per every 2 inches of alder thickness removed

**Notes:**

- 1-Trees to be removed, will remain on site, with roots left intact.
- 2-Alders to be removed/managed on upper 3000sf of slope.
- 3-Native shrubs and ground covers in the newly disturbed area shall be retained where ever possible.
- 4-New plants should be located between retained tree roots, shift as needed to prevent damage to remaining trees.
- 5-Protect remaining trees, shrubs and ground covers to remain.
- 6-Logs and stumps to remain to help sedimentation and slow runoff.
- 7-Logs and stumps not used intact will be chipped for use around newly installed plants.

**FALK  
Residence**

Owners:  
Cary Falk And Quynh Vuong

Location  
6539 170th PLACE SE  
BELLEVUE WA 98006



**MADTES DESIGN**  
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STATE OF  
WASHINGTON  
LICENSED  
LANDSCAPE ARCHITECT

ANITA L. MADTES  
LICENSE NO. 1016  
EXPIRES ON 08/26/2014

Issue Date

Revisions

Drawn/Checked

Sheet Title

**REVEGETATION  
PLANT LIST**

Sheet Number

**L2.01**

Project Number