DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL COORDINATOR
450 110th Ave NE
BELLEVUE, WA 98009-9012

DETERMINATION OF NON-SIGNIFICANCE

PROPONENT: Jianning Mao

LOCATION OF PROPOSAL: 1807 134th Ave SE

DESCRIPTION OF PROPOSAL: Proposal to remove 6 hazardous red alder trees located in a Type-F stream and wetland buffer. Mitigation is proposed with the replanting of 15 native trees..

FILE NUMBERS: 1807 134th Ave Se **PLANNER:** Drew Folsom

The Environmental Coordinator of the City of Bellevue has determined that this proposal does not have a probable significant adverse impact upon the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(C). This decision was made after the Bellevue Environmental Coordinator reviewed the completed environmental checklist and information filed with the Land Use Division of the Development Services Department. This information is available to the public on request.

☐ There is no comment period for this DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision. A written appeal must be filed in the City Clerk's office by 5:00 p.m. on _____.

☒ This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision. A written appeal must be filed in the City Clerk's Office by 5 p.m. on **11/28/2016**

☐ This DNS is issued under WAC 197-11-340(2) and is subject to a 14-day comment period from the date below. Comments must be submitted by 5 p.m. on _____. This DNS is also subject to appeal. A written appeal must be filed in the City Clerk's Office by 5:00 p.m. on _____.

This DNS may be withdrawn at any time if the proposal is modified so as to have significant adverse environmental impacts; if there is significant new information indicating a proposals probable significant adverse environmental impacts (unless a non-exempt license has been issued if the proposal is a private project): or if the DNS was procured by misrepresentation or lack of material disclosure.

Environmental Coordinator 11/10/16
Date

Carol Helland

OTHERS TO RECEIVE THIS DOCUMENT:

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

City of Bellevue
Development Services Department
Land Use Staff Report

Proposal Name:	**Mao Residence Hazardous Tree Removal**
Proposal Address:	**1807 134th Ave SE**
Proposal Description:	Proposal to remove 6 hazardous red alder trees located in a Type-F stream and wetland buffer. Mitigation is proposed with the replanting of 15 native trees.
File Number:	16-128569-GJ
Applicant:	**Jianning Mao**
Planner:	Drew Folsom, Planner
State Environmental Policy Act Threshold Determination:	**Determination of Non-Significance**

Carol V. Helland, Environmental Coordinator
Development Services Department

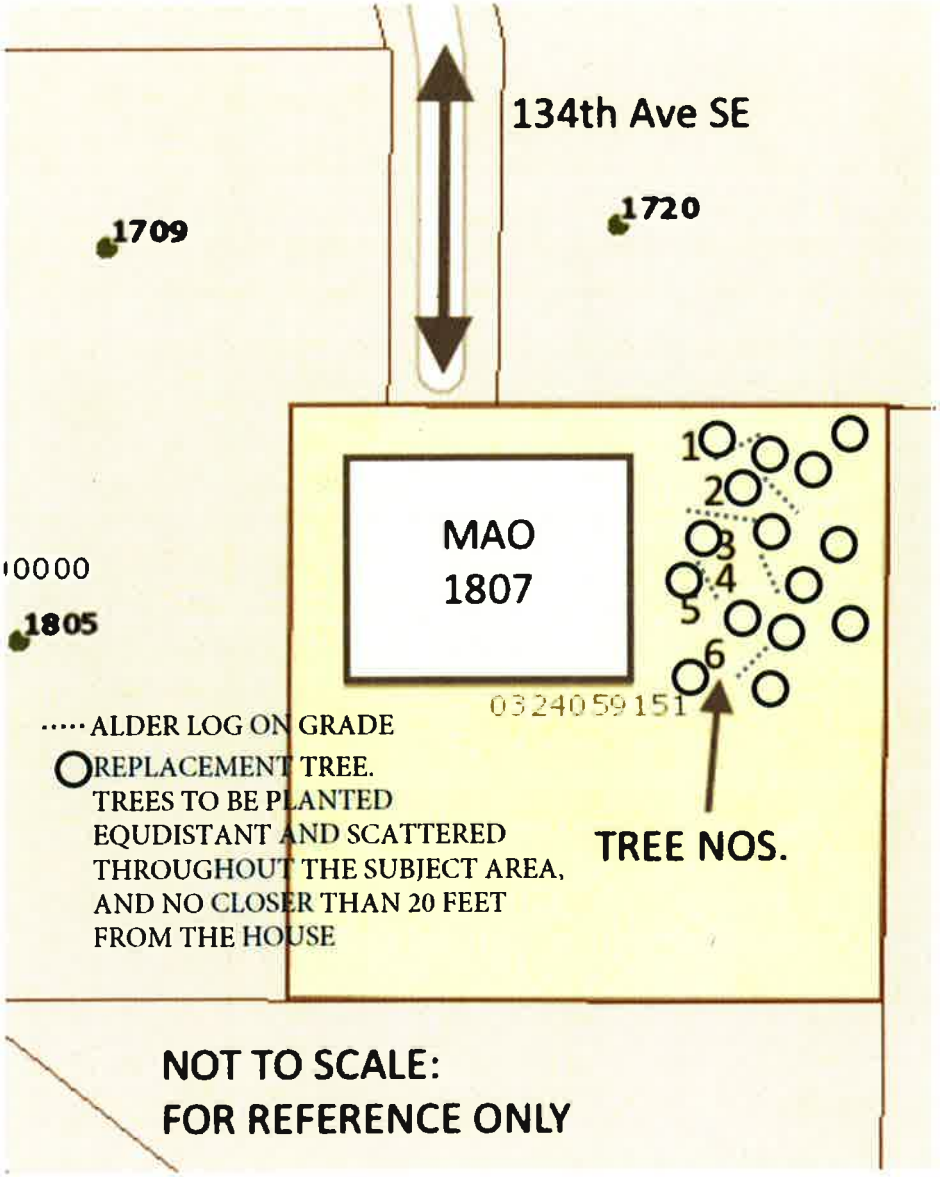
Application Date:	March 30, 2016
Notice of Application Publication Date:	May 19, 2016
Decision Publication Date:	November 10, 2016
Project/SEPA Appeal Deadline:	November 28, 2016

For information on how to appeal a proposal, visit Development Services Center at City Hall or call (425) 452-6800. Comments on State Environmental Policy Act (SEPA) Determinations can be made with or without appealing the proposal within the noted comment period for a SEPA Determination. Appeal of the Decision must be received in the City's Clerk's Office by 5 PM on the date noted for appeal of the decision.

I. Proposal Description

The proposal is to remove 6 red alder trees (Alnus rubra) within Type-F stream and wetland buffers. The applicant submitted a hazardous tree form for each tree prepared by Favero Greenforest, a licensed arborist dated March 29, 2016. The locations of the hazardous trees pose a risk to a single-family residence on the property. As mitigation 15 native trees will be planted within the stream and wetland buffers. The mitigation will also include the creation of habitat snags and the placement of downed trees. A State Environmental Policy Act (SEPA) threshold determination is required for the proposed clearing and grading activity (vegetation removal) within a Type-F stream buffer.

Figure 1



II. Site Description, Zoning, Land Use and Critical Areas

A. Site Description

The property is located at 1807 134th Ave SE and is approximately 2.5 acres in size. A single-family residence is located in the northwest corner of the property. Vehicle access is from 134th Ave SE to the north. Properties to the north and west are developed with multi-family residences. Property to the east contains a large native growth protection area tract and single-family residence. Richards Valley Open Space, an undeveloped City Park, is located to the south. Development of the property was permitted as a Reasonable Use as approved by permit 12-111843-LO.

The majority of the property consists of a Category I wetland. In addition, one Type F stream flows from northeast to southwest within the wetland in the northwestern portion of the site. Topography on the site slopes moderately down from east to west; with steeper slopes located along the eastern boundary of the property. Vegetation on the site consists mostly of a mix of palustrine forested and scrub shrub plant wetland plant communities that are dominated by red alder, salmonberry, Himalayan blackberry, lady fern, soft rush, stinging nettle, giant horsetail, and skunk cabbage. The area near the homes has been replanted with wetland and stream buffer mitigation plan as required per permit 12-111843-LO. A site aerial photo is included in Figure 2 below.

Figure 2

B. Zoning

The property is zoned R-20, multi-family residential. The proposed work is allowed in this zone.

C. Land Use Context

The property has a Comprehensive Plan Land Use Designation of MF-Medium (Multi-Family Medium Density).

D. Critical Areas Functions and Values

i. Streams and Riparian Areas

A healthy aquatic environment is based on processes sustained by dynamic interaction between the stream and the adjacent riparian area. Riparian vegetation in floodplains and along stream banks provides a buffer to help mitigate the impacts of urbanization. Riparian areas support healthy stream conditions.

Riparian vegetation, particularly forested riparian areas, affect water temperature by providing shade to reduce solar exposure and regulate high ambient air temperatures, slowing or preventing increases in water temperature.

Upland and wetland riparian areas retain sediments, nutrients, pesticides, pathogens, and other pollutants that may be present in runoff, protecting water quality in streams. The roots of riparian plants also hold soil and prevent erosion and sedimentation that may affect spawning success or other behaviors, such as feeding.

Both upland and wetland riparian areas reduce the effects of flood flows. Riparian areas and wetlands reduce and desynchronize peak crests and flow rates of floods. Upland and wetland areas can infiltrate flood flows, which in turn, are released to the stream as base flow

Stream riparian areas, or buffers, can be a significant factor in determining the quality of wildlife habitat. For example, buffers comprised of native vegetation with multi- canopy structure, snags, and down logs provide habitat for the greatest range of wildlife species. Vegetated riparian areas also provide a source of large woody debris that helps create and maintain diverse in-stream habitat, as well as create woody debris jams that store sediments and moderate flood velocities.

Riparian areas often have shallow groundwater tables, as well as areas where groundwater and surface waters interact. Groundwater flows out of riparian wetlands, seeps, and springs to support stream base flows. Surface water that flows into riparian areas during floods or as direct precipitation infiltrates into groundwater in riparian areas and is stored for later discharge to the stream.

ii. Wetlands

Wetlands provide important functions and values for both the human and biological environment—these functions include flood control, water quality improvement, and nutrient production. These "functions and values" to both the environment and the citizens of Bellevue depend on their size and location within a basin, as well as their diversity and quality. While Bellevue's wetlands provide various beneficial functions, not all wetlands perform all functions, nor do they perform all functions equally well. However, the combined effect of functional processes of wetlands within basins provides benefits to both natural and human environments. For example, wetlands provide significant stormwater control, even if they are degraded and comprise only a small percentage of area within a basin.

iii. Habitat Associated with Species of Local Important LUC 20.25H.150.A

Habitat associated with species of local importance is protected by the City of Bellevue Land Use Code Section 20.25H.150. When habitat associated with a listed species (listed in the City's Land Use Code) is present, specific performance standards must be followed as identified in LUC 20.25H.160.

III. Consistency with Land Use Code Requirements:

A. Critical Areas Requirements LUC 20.25H:

The City of Bellevue Land Use Code Critical Areas Overlay District (LUC 20.25H) establishes performance standards and procedures that apply to development on any site which contains in whole or in part any portion designated as critical area, critical area buffer, or structure setback from a critical area or buffer. The site contains a Type F Stream, Wetland and potential habitat for species of local importance.

i. Consistency With LUC 20.25H.055.C.3.i.ii

The removal of trees from the critical area or critical area buffer that are hazardous, posing a threat to public safety, or posing an imminent risk of damage to an existing structure, public or private road or sidewalk, or other permanent improvement, is allowed without requiring a Critical Areas Land Use Permit or a Vegetation Management Plan; provided, that:

(A) The applicant submits a report on a form provided by the Director from a certified arborist, registered landscape architect, or professional forester that documents the hazard and provides a replanting schedule for the replacement trees;
(B) Tree cutting shall be limited to pruning and crown thinning, unless otherwise justified by a qualified professional. Where pruning or crown thinning is not sufficient to address the hazard, trees should be converted to wildlife snags and completely removed only where no other option removes the identified hazard;
(C) All vegetation cut (tree stems, branches, etc.) shall be left within the critical area or buffer unless removal is warranted due to the potential for creating a fire hazard or for

disease or pest transmittal to other healthy vegetation;
(D) The landowner shall replace any trees that are removed pursuant to a restoration plan meeting the requirements of LUC 20.25H.210;
(E) If a tree to be removed provides critical habitat, such as an eagle perch, a qualified wildlife biologist shall be consulted to determine timing and methods for removal that will minimize impacts; and
(F) Hazard trees determined to pose an imminent threat or danger to public health or safety, to public or private property, or of serious environmental degradation may be removed or pruned by the landowner on whose property the tree is located prior to receiving the permits required under this part; provided, that the landowner makes reasonable efforts to notify the City, and within 14 days following such action, the landowner shall submit a restoration plan that demonstrates compliance with the provisions of this part.

Finding: The applicant submitted a hazardous tree form for each tree prepared by Favero Greenforest, a licensed arborist dated March 29, 2016. The locations of the trees pose a risk to a single-family residence on the property and the risk cannot be ameliorated through pruning. As mitigation for the removal of the trees, 15 native trees will be planted within the stream and wetland buffers. The mitigation will also include the placement of downed trees. Snagging is required for trees that are 15' or greater from the single family residence (three trees). Snagging is not required where proximity to the existing single family residence presents a hazard that will likely increase as the trees decay. Maintenance and monitoring shall also be required for a period of 3 years and the applicant shall provide the city with an assurance device to guarantee plants are established and thrive. See Section VII for related conditions of approval.

IV. Public Notice and Comment

Application Date:	March 30, 2016
Public Notice (500 feet):	May 19, 2016
Minimum Comment Period:	June 2, 2016

The Notice of Application for this project was published the City of Bellevue Weekly Permit Bulletin on May 19, 2016. It was mailed to property owners within 500 feet of the project site. Several public comments were received; primarily focused on drainage and the tree replanting plan.

1. **Public comments raising concern over proposal's potential to adversely impact off-site drainage and water run-off:**

   City's Response: The proposal involves the removal of 6 alder trees and the replanting of 15 native evergreen trees. Any project impacts to drainage are expected to be minimal and will be mitigated by the tree replanting plan.

2. **Public comments regarding level of detail in the tree replanting plan:**

   City's Response: The tree replanting plan is conceptual in placement of the trees. The actual placement will be determined in the field and be required to conform to the spacing guidelines of the City of Bellevue Critical Areas Handbook. At minimum 15 native evergreen trees will be planted in addition to the creation of 3 snags and 6 sections of down trees. See Conditions of Approval in Section VII.

V. Summary of Technical Reviews

A. Clearing and Grading

The Clearing and Grading Division of the Development Services Department has reviewed the proposed site development for compliance with Clearing and Grading codes and standards. The Clearing and Grading staff found no issues with the proposal and has approved the application. The proposal must comply with Clearing and Grading best management practices and standards and codes. See Conditions of Approval in Section VII

VI. State Environmental Policy Act (SEPA)

The environmental review indicates no probability of significant adverse environmental impacts occurring as a result of the proposal. The Environmental Checklist submitted with the application adequately discloses expected environmental impacts associated with the project. The City codes and requirements, including the Clear and Grade Code, Utility Code, Land Use Code, Noise Ordinance, Building Code and other construction codes are expected to mitigate potential environmental impacts. Therefore, issuance of a Determination of Non-Significance (DNS) is the appropriate threshold determination under the State Environmental Policy Act (SEPA) requirements.

A. Earth and Water

The proposed vegetation management activities are limited by the City of Bellevue's rainy season restrictions, minimizing the possibility for detrimental erosion and sedimentation. Best management practices for erosion and sediment controls include the installation of silt fencing around work areas and covering exposed soils to prevent migration of soils. Because of the small scale of the proposed activities, the potential for significant impacts to earth and water resources is unlikely.

B. Animals

The site contains a Type F stream buffer and Category I wetland which have the potential to be habitat for species of local importance. These impacts will be minimized by the revegetation plan which includes the retention of downed trees, creation of wildlife snags, and the replanting of 15 native evergreen trees.

C. Plants

Vegetation on the site consists mostly of a mix of palustrine forested and scrub shrub plant wetland plant communities that are dominated by red alder (Ainus rubra), salmonberry (Rubrus spectabilis), Himalayan blackberry (Rubus armenicas), lady fern (Athyrium filix-feminia), soft rush (Juncus effuses), stinging nettle (Urtica doiocia), giant horsetail (Equisetum telmateia), and skunk cabbage (Lysichiton americanum). The area near the homes has been replanted with wetland and stream buffer mitigation plan as required per permit 12-111843-LO. The proposal includes a replanting plan designed to offset impacts associated with the tree removal to stream and wetland buffers and improve overall site conditions through the planting of 15 native evergreen trees. See Section VII for related conditions of approval.

D. Noise

The site is adjacent to multi and single-family residences. Construction noise impacts to adjacent residents are most likely during the evening, late night and weekend hours when residents are likely to be at home. Noise impacts are expected to be minimal and within the range expected from the construction of a single family home. Construction noise will be limited by the City's Noise Ordinance (Chapter 9.18 BCC) which regulates construction hours and noise levels. See Section VII for a related condition of approval.

VII. Conditions of Approval

The applicant shall comply with all applicable Bellevue City Codes and Ordinances including but not limited to:

Applicable Ordinances	Contact Person
Clearing and Grading Code- BCC 23.76	Savina Uzunow, 425-452-7860
Land Use Code- BCC 20.25H	Drew Folsom, 425-452-4441
Noise Control- BCC 9.18	Drew Folsom, 425-452-4441

The following conditions are imposed under the Bellevue City Code or SEPA authority referenced:

1. **Assurance Device:** A installation surety is required to be submitted prior to issuance of the clearing and grading permit. The amount of the surety will be based on the cost estimate for the monitoring and maintenance. The surety will be in the amount of 20 percent of the cost estimate.

Authority: Land Use Code 20.25H.220
Reviewer: Drew Folsom, Development Services Department

2. **Mitigation and Monitoring Plan**: The proposed planting; snagging of 3 trees, and 6 10-foot sections of downed trees will need to be included in this plan, spacing to follow the guidelines in the City of Bellevue Critical Areas Handbook, Stream Buffers, Shady Sites. In order to ensure the critical area buffer native landscape restoration successfully establishes, the restoration shall meet the following performance standards for a period of three years following installation

Year 1: 100% survival of all installed plants & 0% invasive coverage
Year 2: 90% survival of all installed plants & <10% invasive coverage
Year 3: 85% survival of all installed plants, >35% native & 10% invasive coverage.

A monitoring report meeting the minimum monitoring and reporting standards established by the director shall be submitted annually to verify success.

Authority: SEPA, Land Use Code 20.30P.140; Land Use Code 20.25H.220.D
Reviewer: Drew Folsom, Development Services Department

3. **Rainy Season restrictions:** Due to the proximity to critical areas, no clearing and grading activity may occur during the rainy season, which is defined as October 1 through April 30 without written authorization of the Development Services Department. Should approval be granted for work during the rainy season, increased erosion and sedimentation measures, representing the best available technology must be implemented prior to beginning or resuming site work.

Authority: Bellevue City Code 23.76.093.A,
Reviewer: Savina Uzunow, Clearing and Grading

4. **Noise Control:** Noise related to construction is exempt from the provisions of BCC 9.18 between the hours of 7 am to 6 pm Monday through Friday and 9 am to 6 pm on Saturdays, except for Federal holidays and as further defined by the Bellevue City Code. Noise emanating from construction is prohibited on Sundays or legal holidays unless expanded hours of operation are specifically authorized in advance. Requests for construction hour extension must be done in advance with submittal of a construction noise expanded exempt hours permit.

Authority: Bellevue City Code 9.18
Reviewer: Drew Folsom, Land Use

Attachments:

A. Environmental Checklist
B. Replanting Plan
C. Hazardous Tree Forms prepared by Favero Greenforest, a licensed arborist dated March 29, 2016 (in file)

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.

5/18/16

BACKGROUND INFORMATION

Property Owner: Yi Lin & Jianning Mao

Proponent: Yi Lin & Jianning Mao

Contact Person: Yi Lin & Jianning Mao
(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: 1807 134th AVE SE
Bellevue, WA 98005

Phone: (425) 591-9034

Proposal Title: Tree removal in the yard of the property MAO RESIDENCE TREE REMOVAL

Proposal Location: 1807 134th AVE SE, Bellevue, WA 98005
(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: There are a few trees dead in my yard. We want to remove them so they won't collapse and damage my house and people walking in the yard.
2. Acreage of site: 0.1
3. Number of dwelling units/buildings to be demolished: 0
4. Number of dwelling units/buildings to be constructed: 0
5. Square footage of buildings to be demolished: 0
6. Square footage of buildings to be constructed: 0
7. Quantity of earth movement (in cubic yards): 0
8. Proposed land use: no
9. Design features, including building height, number of stories and proposed exterior materials:
   no
10. Other
    no

Estimated date of completion of the proposal or timing of phasing:
5/22

Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
no

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

don't know

CRITICAL AREAS PERMIT
12-111843-20

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.

don't know

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.

16-128569-GJ

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)? 0

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.

Clay

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

No

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

None proposed

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

No

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

None

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

None needed

4 EROSION CONTROL FURTHER MITIGATED PER BCC "CONTROL" 23.076 EROSION

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.

Don't know. We hire a professional tree removal company, Greenforest, for the project. We hope they know what to do to control 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:

N/A

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.

There is a seasonal stream flowing into the wetland of Richards Creek. (TYPE OF STREAM) 2+

CATEGORY I WETLAND

(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

~~No~~ YES

D. [illegible] 8/16

(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.

None

(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.

No

(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.

No

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.

Don't know

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

No

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

4. Plants

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

- [x] deciduous tree: alder, maple, aspen, other
- [x] evergreen tree: fir, cedar, pine, other
- [x] shrubs
- [x] grass
- [x] 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?
6 Hazardous Trees to be cut and left on site

c. List threatened or endangered species known to be on or near the site.
no

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
none

RELOCATION OF 15 NATIVE CONIFERS, CREATION OF 3 HABITAT SNAGS, FRAGMENT OF 6-10' SECTIONS OF DOWNED TREES.

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:

- [x] Birds: hawk, heron, eagle, songbirds, other:
- [ ] Mammals: deer, bear, elk, beaver, other:
- [ ] Fish: bass, salmon, trout, herring, shellfish, other:

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

no

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

no

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

N/A

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.

Don't know.

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:

N/A

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.

N/A

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

N/A

5/15/22

b. Noise

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

No

(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.

There may be some chainsaw noises when cutting the trees.

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

None will be required. work will be performed during normal business hours.

FURTHER MITIGATED BY BCC 9.18 "NOISE CONTROL

8. Land and Shoreline Use

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

Not used.

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

No

c. Describe any structures on the site.

No

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

N/A

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

Wet land. Zone code R20

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

N/A

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

N/A

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

It is within wet land border.

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

4

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

0

5/18/24

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.

0

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

0

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?

No

c. Proposed measures to reduce or control aesthetic impacts, if any:

N/A

5/18/16

11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
No

b. Could light or glare from the finished project be a safety hazard or interfere with views?
N/A

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?
No

b. Would the proposed project displace any existing recreational uses? If so, describe.
N/A

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.
No

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.
No

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
N/A

c. How many parking spaces would be completed project have? How many would the project eliminate?
N/A

5/18/14

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.

No

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.

Electricity, water, telephone, sanitary sewer

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.

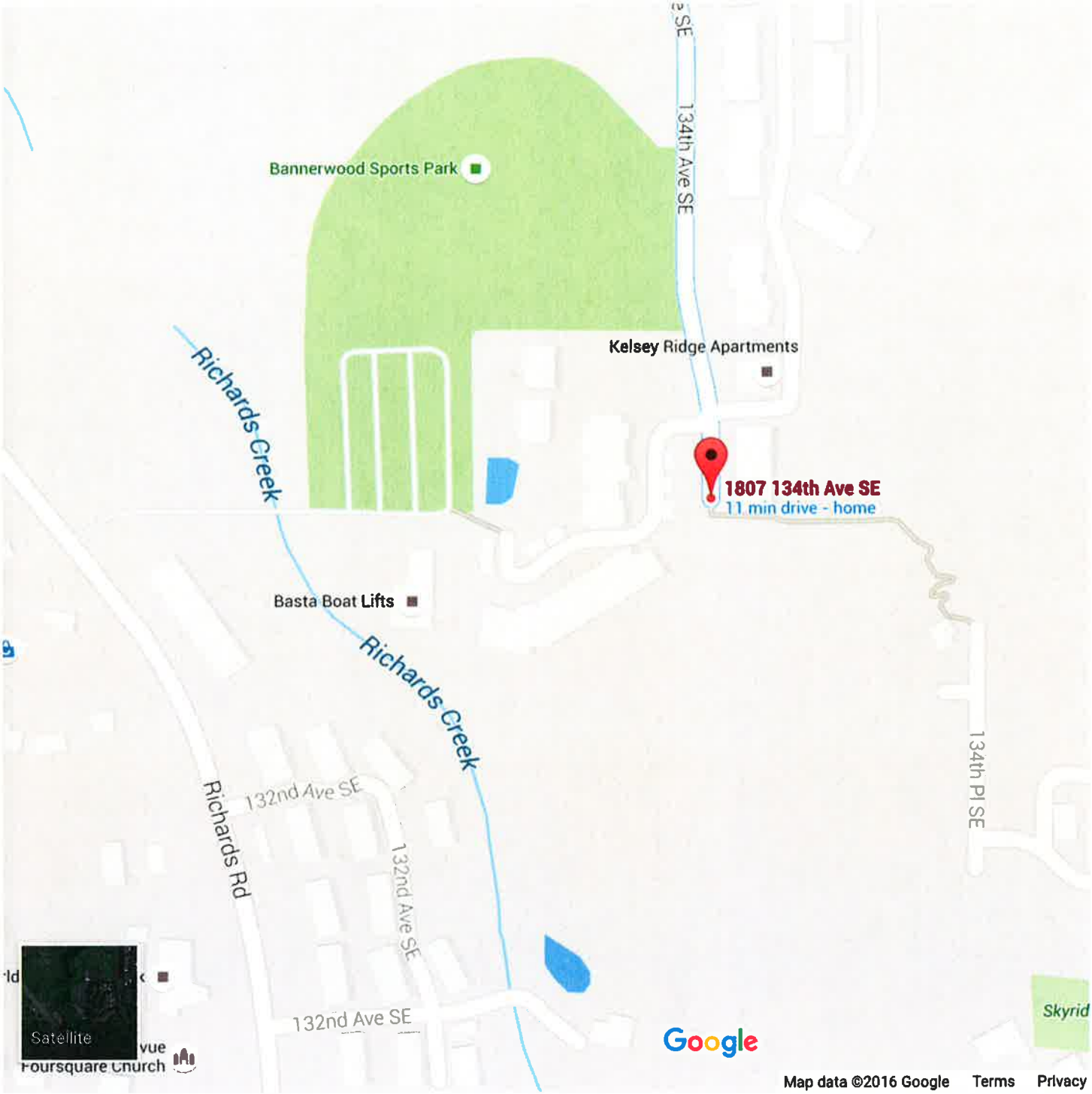
Don't know.

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.5/5/2016.....

5/18/16


134th Ave SE
Bannerwood Sports Park
Kelsey Ridge Apartments
Richards Creek
1807 134th Ave SE
11 min drive - home
Basta Boat Lifts
Richards Creek
134th Pl SE
132nd Ave SE
Richards Rd
132nd Ave SE
132nd Ave SE
Satellite
Foursquare Church
Skyrid
Google
Map data ©2016 Google
Terms
Privacy

Thank you for your business.

Sincerely,

GreenForest, Inc.

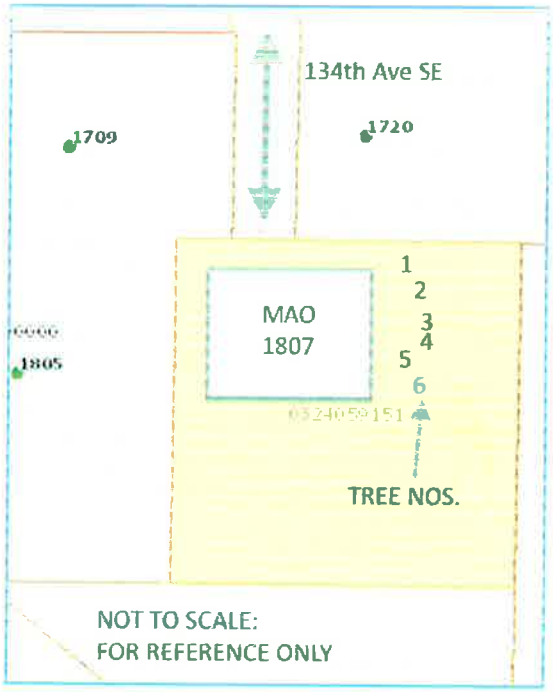
By Favero Greenforest, M. S.

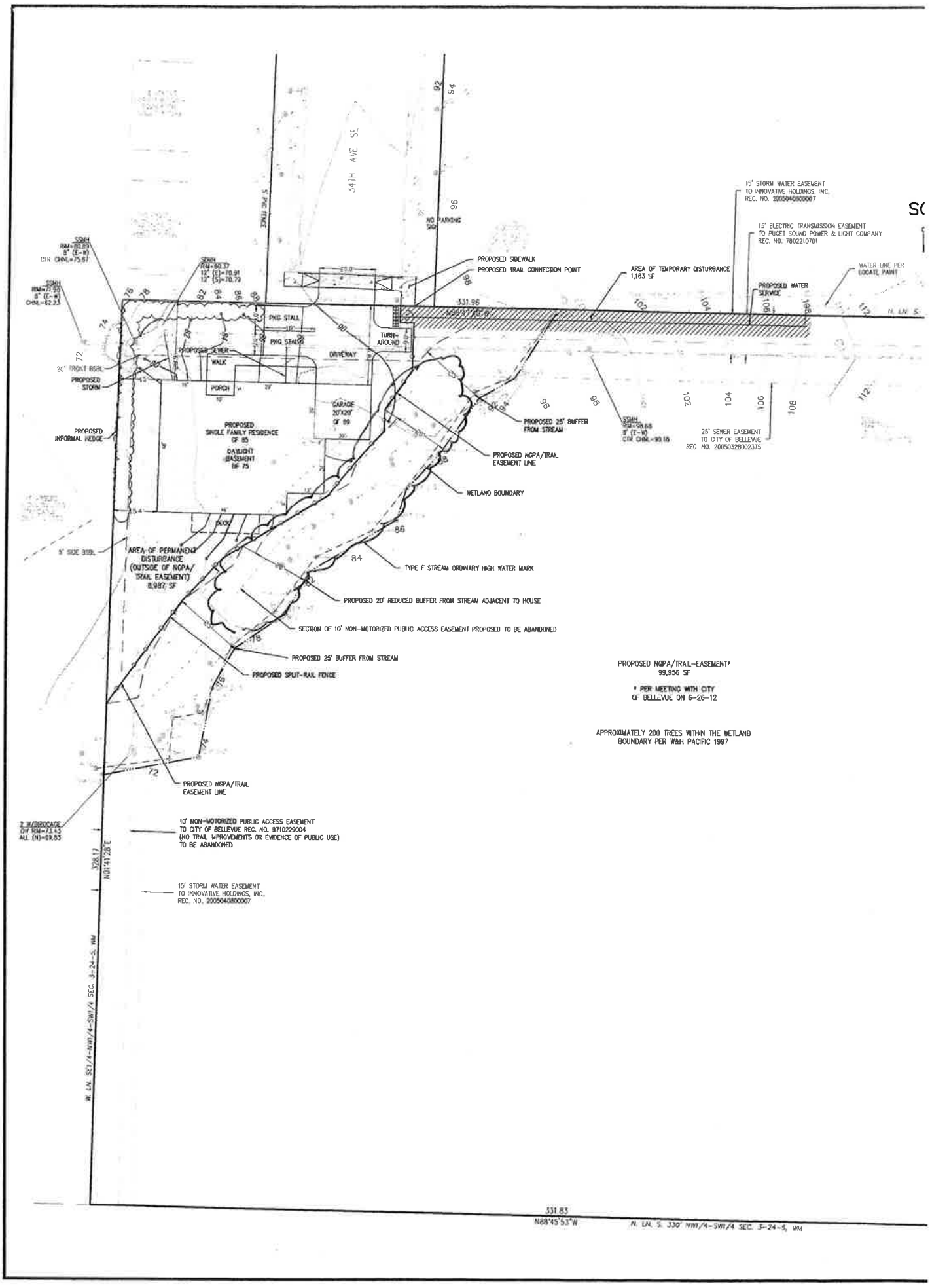
ISA Certified Arborist # PN -0143A
ASCA Registered Consulting Arborist® #379
ISA Tree Risk Assessment Qualified

Received
MAR 30 2016
Permit Processing

Attachments:

1. Site Exhibit with Tree Numbers (Bottom right image)
2. Hazardous Tree Form
3. ISA Basic Tree Risk Assessment Forms (6 sheets)




341H AVE SE
NO PARKING
15' STORM WATER EASEMENT TO INNOVATIVE HOLDINGS, INC. REC. NO. 20050408000007
15' ELECTRIC TRANSMISSION EASEMENT TO PUGET SOUND POWER & LIGHT COMPANY REC. NO. 7802210701
PROPOSED SIDEWALK
PROPOSED TRAIL CONNECTION POINT
AREA OF TEMPORARY DISTURBANCE 1,163 SF
PROPOSED WATER SERVICE
WATER LINE PER LOCATE PAINT
PKG STALL
TURN-AROUND
DRIVEWAY
PROPOSED SEWER
WALK
PORCH
GARAGE 20'X20' GF 99
PROPOSED SINGLE FAMILY RESIDENCE GF 85
DAYLIGHT BASEMENT BF 75
DECK
20' FRONT BSBL
PROPOSED STORM
PROPOSED INFORMAL HEDGE
5' SIDE BSBL
AREA OF PERMANENT DISTURBANCE (OUTSIDE OF NGPA/TRAIL EASEMENT) 8,987 SF
PROPOSED 25' BUFFER FROM STREAM
PROPOSED NGPA/TRAIL EASEMENT LINE
WETLAND BOUNDARY
TYPE F STREAM ORDINARY HIGH WATER MARK
PROPOSED 20' REDUCED BUFFER FROM STREAM ADJACENT TO HOUSE
SECTION OF 10' NON-MOTORIZED PUBLIC ACCESS EASEMENT PROPOSED TO BE ABANDONED
PROPOSED 25' BUFFER FROM STREAM
PROPOSED SPLIT-RAIL FENCE
25' SEWER EASEMENT TO CITY OF BELLEVUE REC NO. 200503280023375
PROPOSED NGPA/TRAIL-EASEMENT* 99,956 SF
* PER MEETING WITH CITY OF BELLEVUE ON 6-26-12
APPROXIMATELY 200 TREES WITHIN THE WETLAND BOUNDARY PER W&H PACIFIC 1997
PROPOSED NGPA/TRAIL EASEMENT LINE
10' NON-MOTORIZED PUBLIC ACCESS EASEMENT TO CITY OF BELLEVUE REC. NO. 9710229004 (NO TRAIL IMPROVEMENTS OR EVIDENCE OF PUBLIC USE) TO BE ABANDONED
15' STORM WATER EASEMENT TO INNOVATIVE HOLDINGS, INC. REC. NO. 20050408000007
N0141'28"E
W. LN. SE1/4-NW1/4-SW1/4 SEC. 3-24-5, WM
331.83
N88°45'53"W
N. LN. S. 330' NW1/4-SW1/4 SEC. 3-24-5, WM

Greenforest Incorporated
Consulting Arborist

July 14, 2016

Drew Folsom, Associate Planner
Development Services Department
City of Bellevue WA

RE: Mitigation for 16-128569-GJ, Mao Tree Removal, 1807 134th Ave SE

Dear Mr. Folsom:

This letter is supplement to the tree removal application referenced above, and provides specification for mitigation: Specifically that 6-10' sections of the downed Alders will remain in the stream buffer, and the replanting of 15 native trees, in the general area of the removed alder trees.

The goal of this mitigation is to restore vegetative overstory to the site (replacement trees), of a species tolerant of the site conditions, and to preserve habitat (alder trunk sections to remain on site).

Specific Measurable Criteria

- For every alder tree removed, at least 1 section of the trunk, 6-10 feet in length, shall remain on site. The section shall be placed on the ground in a stable position.
- The remaining portions of the alder trees can be chipped and disposed of, or the chips spread over the area and/or used as mulch around the replacement trees (see below).
- The wood chips shall not be piled on any area to the detriment of existing vegetation.
- 15 native trees shall be planted on the site as replacement for the alders, consisting of any combination of Sitka (*Picea sitchensis*) spruce or Western red-cedar (*Thuja plicata*).
- Replacement trees shall be either 5-gallon (nursery container size) or minimum of 6 feet tall (B & B), each with a single, straight trunk without defect or deformity.

4547 South Lucile Street, Seattle, WA 98118 Tel. 206-723-0656

- Each tree shall have even branch distribution around and along the trunk's axis, with a minimum 90% live crown ratio (percent of trunk with foliage-bearing branches).
- The replacement trees shall have foliage that is normal in color and density, and shoot growth evident of good tree vitality.
- Tree planting activities shall comply with ANSI A-300 Part 6:Tree, Shrub, and Other Woody Plant Maintenance – Standard Practice (Transplanting). And shall follow ISAs Best Management Practices – Tree Planting (2005).
- Rootballs shall be set on undisturbed or packed soil to prevent sinking, and the rootcrowns shall be exposed prior to planting and set level with finished grade. All wires, cords and burlap shall be removed at planting.
- Planting is recommended during October 2016. Trees shall be monitored by the homeowner and provided with supplemental irrigation during the summer of 2017 if required.

Sincerely,

GreenForest, Inc.

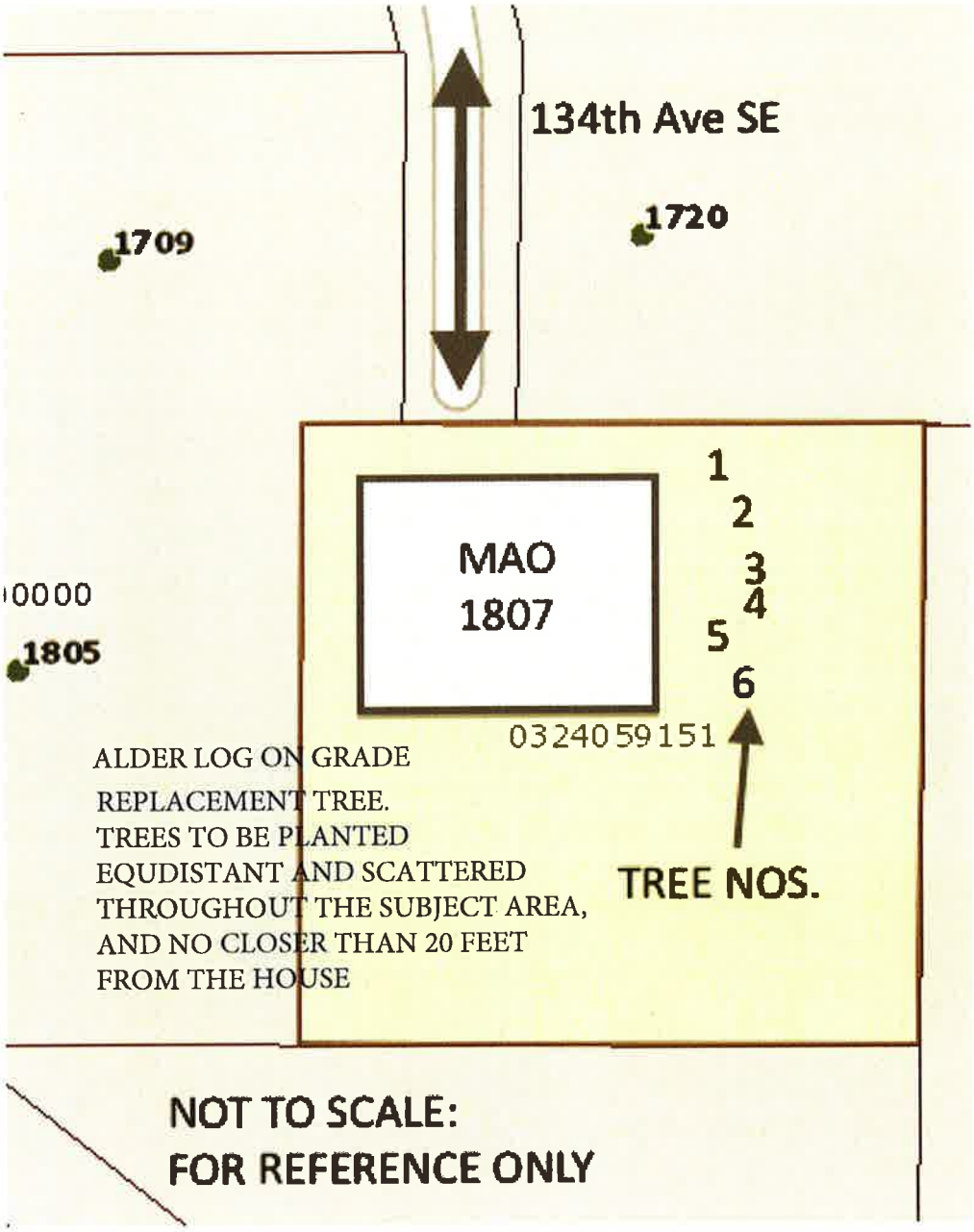
Favero Greenforest

Digitally signed by Favero Greenforest
DN: cn=Favero Greenforest, o, ou, email=greenforestinc@mindspring.com, c=US
Date: 2016.07.14 13:08:44 -07'00'

By Favero Greenforest, M. S.

ISA Certified Arborist # PN -0143A
ASCA Registered Consulting Arborist® #379
ISA Tree Risk Assessment Qualified

Attachment: Site Plan Exhibit


134th Ave SE
1720
1709
MAO
1807
1
2
3
4
5
6
0324059151
1805
ALDER LOG ON GRADE
REPLACEMENT TREE.
TREES TO BE PLANTED
EQUDISTANT AND SCATTERED
THROUGHOUT THE SUBJECT AREA,
AND NO CLOSER THAN 20 FEET
FROM THE HOUSE
TREE NOS.
NOT TO SCALE:
FOR REFERENCE ONLY