



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. 14-134478-LO

Project Name/Address: COBT - Lakemont Blvd SE & Cougar Mountain Wy
Intersec

Planner: David Wong

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

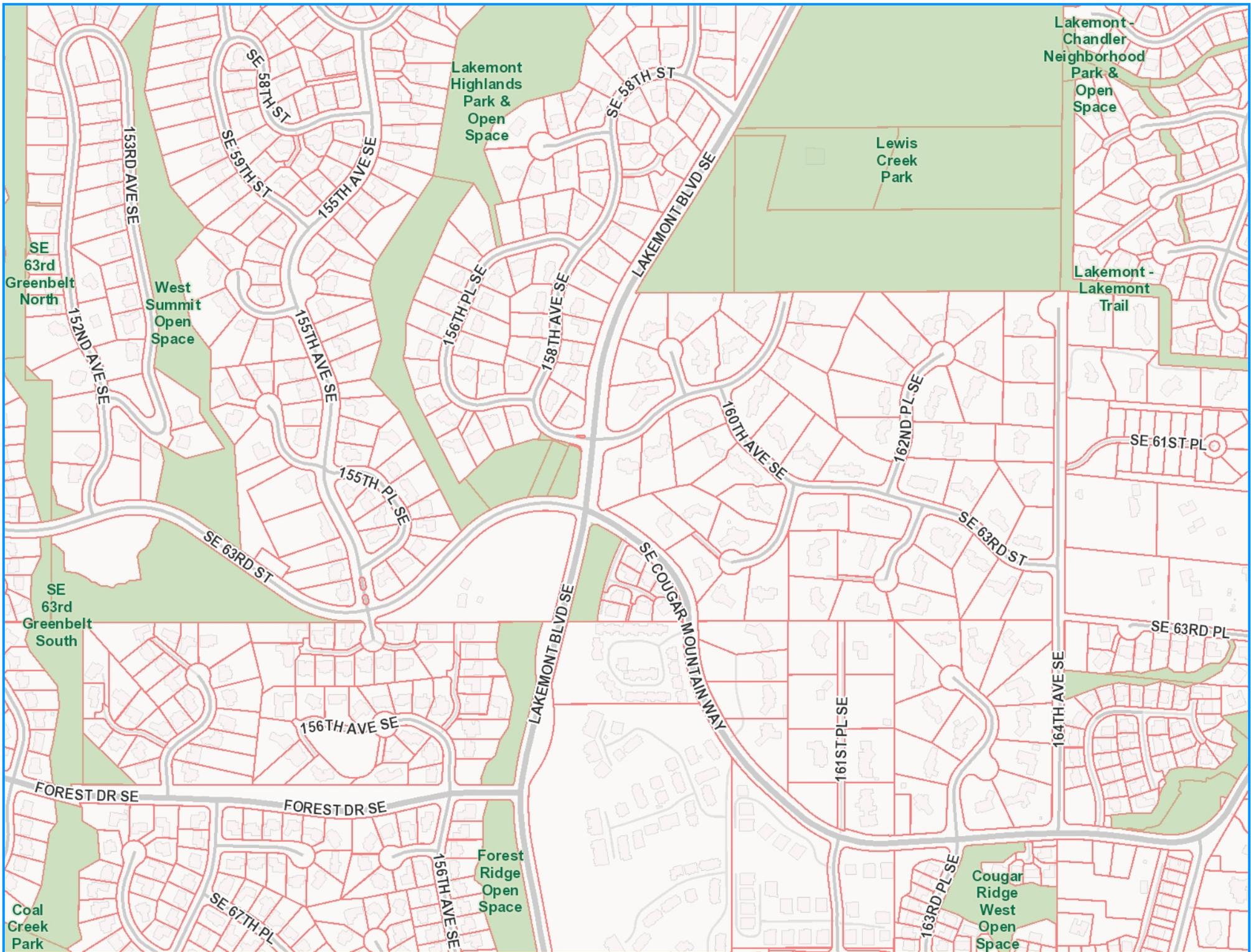
Minimum Comment Period: 9/18/2014

Materials included in this Notice:

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

OTHERS TO RECEIVE THIS DOCUMENT:

- State Department of Fish and Wildlife / Sterwart.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 ecyolvef@atg.wa.gov
- Muckleshoot Indian Tribe Karen.Walter@muckleshoot.nsn.us; Fisheries.fileroom@muckleshoot.nsn.us



City of Bellevue Submittal Requirements	27a
ENVIRONMENTAL CHECKLIST	
6/18/14	
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: City of Bellevue	
Proponent: City of Bellevue Transportation Department	
Contact Person: Chris Masek (If different from the owner. All questions and correspondence will be directed to the individual listed.)	
Address: 450 110th Avenue NE, 6th Floor West, Bellevue, WA 98009-9012	
Phone: 425-452-4619	
Proposal Title: Lakemont Blvd SE & Cougar Mtn Way Intersection Improvements	
Proposal Location: Project is located on Lakemont Blvd from SE 62 St to SE Cougar Mtn Way. 15901 SE Cougar Mountain Way (Site Address) (Street address and nearest cross street or intersection) Provide a legal description if available. 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: Install a new traffic signal at the intersection of Lakemont Blvd SE and Cougar Mountain Way. The project also widens for bike lanes, turn lanes and adds sidewalks where missing	
2. Acreage of site: 1.2 acres	
3. Number of dwelling units/buildings to be demolished: Does not apply	
4. Number of dwelling units/buildings to be constructed: Does not apply	
5. Square footage of buildings to be demolished: Does not apply	
6. Square footage of buildings to be constructed: Does not apply	
7. Quantity of earth movement (in cubic yards): 800 c.y. (excavation), 1100 c.y. (fill)	
8. Proposed land use: No change in land use. A new traffic signal, turn lane and sidewalk is being constructed/installed at an existing intersection.	
9. Design features, including building height, number of stories and proposed exterior materials: See Plan Set	
10. Other:	

Estimated date of completion of the proposal or timing of phasing: **Spring 2015**

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.

Wetland and Stream Study, Geotech Report, Mitigation Plan

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.

None

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.

**Clear and Grade Permit with Land Use Exemption
Right of Way Use Permit
Utility Extension Agreement**

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
- 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)?

Existing slopes: 20% - 50%

- 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.

Hydraulic Soil Group for the site is Type D soils. A geologic map of the area and borings indicate that the site consists of fill material, glacier till, sandstone and siltstone bedrock

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

None.

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

There will be an estimated 800 c.y. of material removed from the site to widen for the turn lane, bike lanes, block walls and sidewalks

There will be an estimated 1100 c.y. of fill material used at the site for backfilling the areas widened for the turn lane, bike lanes, sidewalks and behind new block walls.

Fill material will be provided from a City of Bellevue approved source.

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

Yes, erosion could potentially occur during construction. Erosion BMP's will be employed and inspected during construction in accordance with City standards and the project Construction Stormwater Pollution Prevention Plan (CSWPPP)

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

No new additional asphalt surfaces will be added.

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

Erosion and sedimentation will be controlled through the implementation of Best Management Practices (BMP's) as described in the State Department of Ecology's Storm water Management Manual for the Puget Sound Basin, and according to City of Bellevue clearing and grading requirements, and the project Construction Stormwater Pollution Prevention Plan (CSWPPP). The primary BMP to be used include silt fences, catch basin inserts, and stow rolls. BMP's will be in place prior to beginning any clearing activity. Erosion Regulated by 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 dust and internal combustion engine emissions will be in the air during construction. No permanent emission sources will be created by this project.

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

None.

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

Best Management Practices will be implemented during construction activities to reduce and control air emissions. These practices may include covering soil stockpiles, sweeping or washing street surfaces, minimizing exposed areas, and using construction machinery equipped with standard mufflers.

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.

Streams:

Stream 0276A, Stream 0276A-1 and Stream 0276 both tributaries to Coal Creek which ultimately drains to Lake Washington.

Wetlands:

A, B, C and D (See Critical Areas Report) are associated with the streams listed above.

(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. The work will require work within the wetland and stream buffers. The buffers that would be impacted are small areas adjacent to the sidewalk or roadway, consisting of weedy herbaceous vegetation, mowed grass, and a few ornamental shrubs

(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 surface water areas will be filled or dredged.

(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.

Does not apply. This type of work will be done on this project. No waste material will be discharged into the ground.

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.

Rainfall on new impervious surfaces will be infiltrated into the ground. Excess Water will drains on unnamed tributaries to Coal Creek which will ultimately end up in Lake Washington.

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

Yes, there is a likely possibility that fuel spills could occur from construction machinery and enter ground or surface waters.

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

None.

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?

There will be removal of some trees, grass, and shrubs

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

Do not know.

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

The project will replace the disturbed landscaping (trees, shrubs, etc.) in kind and will provide wetland and stream buffer mitigation

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.

Do not know.

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

Do not know.

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

None.

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.

Fossil fuels will be consumed to operate construction equipment and maintenance vehicles. The completed project will require no 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.

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.

Potential environmental health hazards could include spills of fuel, oil, lubricants,

and solvents used during construction. Spills pose a temporary threat to construction workers and nearby individuals if they become directly exposed, although the likelihood of nearby individuals being exposed is minimal during construction.

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

None anticipated.

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

Best Management Practices will be used during the construction of the project to minimize the potential for hazardous spills. Refueling will be performed away from storm conveyance facilities.

b. Noise

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

Existing noise sources in the area primarily include existing vehicular traffic on Lakemont Blvd SE.

- (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.

On a short-term basis, noise will be generated from the construction equipment. Construction hours are typically 7:00 AM to 5:00 PM; however, hours are determined on a project-by-project basis.

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

To control noise impacts to adjacent residences, the construction hours are limited to daytime hours and in accordance with City noise ordinances. Additionally, standard mufflers will be used on all construction equipment to reduce noise impacts. Noise Regulated by BCC 9.18

8. Land and Shoreline Use

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

The project site is currently within City of Bellevue right-of-way. Uses adjacent to the site are single family homes or parks space.

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

No.

- c. Describe any structures on the site.

None.

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

No.

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

R-1 & R-3.5 – Single Family

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

Do not know.

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

Does not apply.

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

Yes, there are wetlands in the project area.

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

None. The area is residential.

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

None.

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

None.

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

Do not know.

9. Housing

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

None. This is a roadway project

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

None.

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

None.

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?

The proposed wall will be a maximum height of 5 ft tall.

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

None.

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

There are no aesthetic impacts since the project improves an existing roadway.

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?

None.

- d. Proposed measures to reduce or control light or glare impacts, if any:

None.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

None.

- 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:

None.

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.

None.

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

If any archaeological artifact is uncovered or discovered during construction, the Sate Historical Preservation Officer will be notified immediately. No additional work would be performed on the site until all archaeological investigations are completed.

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.

Public streets within the project limits include Lakemont Blvd, Cougar Mountain Way, SE 62 St and SE 63 St. See Cover Sheet on the attached plans for a vicinity map.

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

No. The closest bus stop is located 0.9 miles north of the project.

- c. How many parking spaces would the completed project have? How many would the project eliminate?

No spaces will be added. The project will not remove any existing parking spaces.

- 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 additional trips added.

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

None.

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.

Public services are not being reduced.

16. Utilities

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

There is Electricity, Natural Gas, Water, Refuse Service, Telephone, Cable TV, Fiber Optics, Sanitary Sewer, and Storm Drainage on at least part of this site.

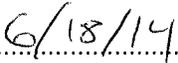
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

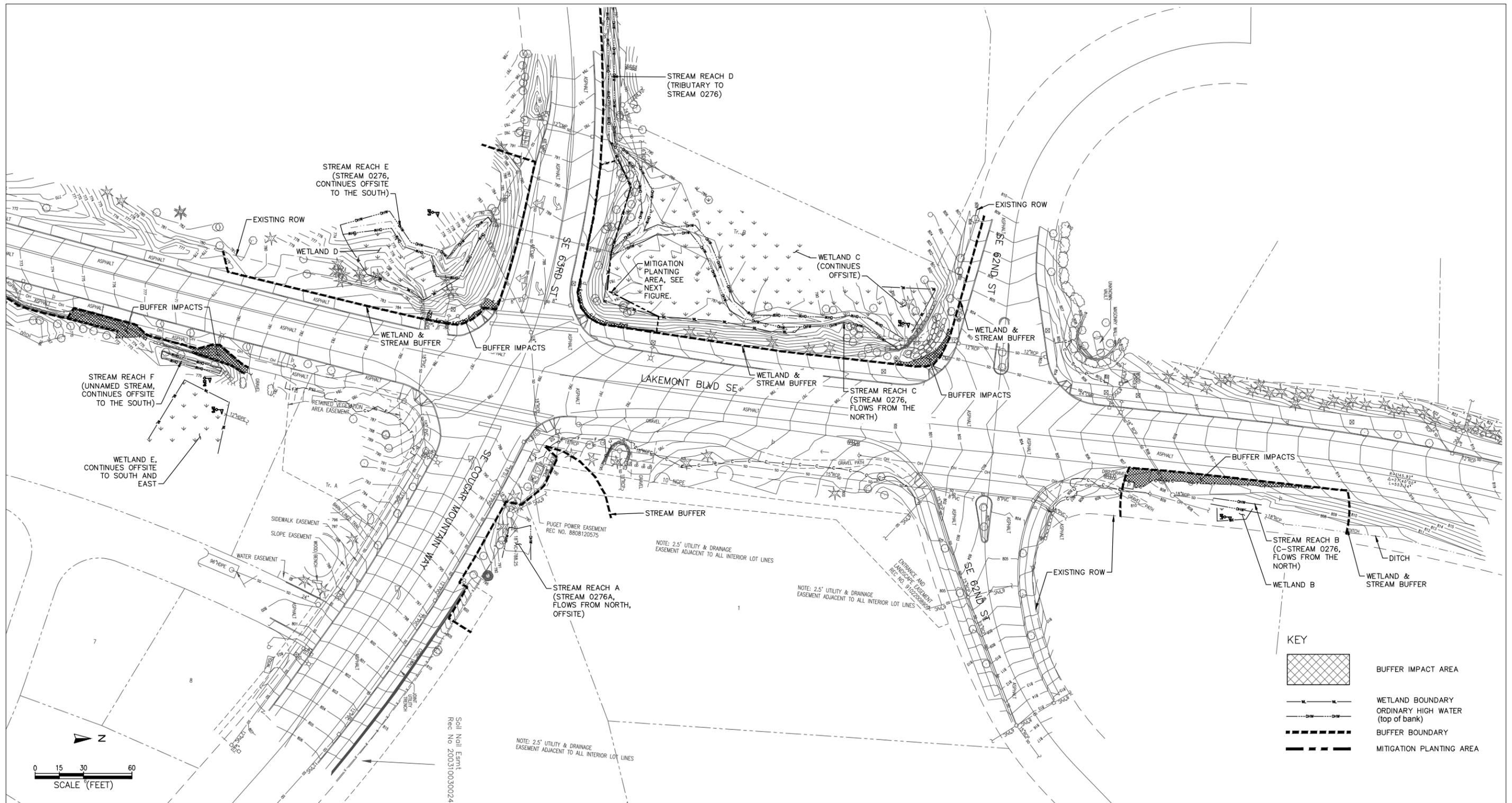
Storm Drainage system will be modified to accommodate the roadway widening work.

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.....

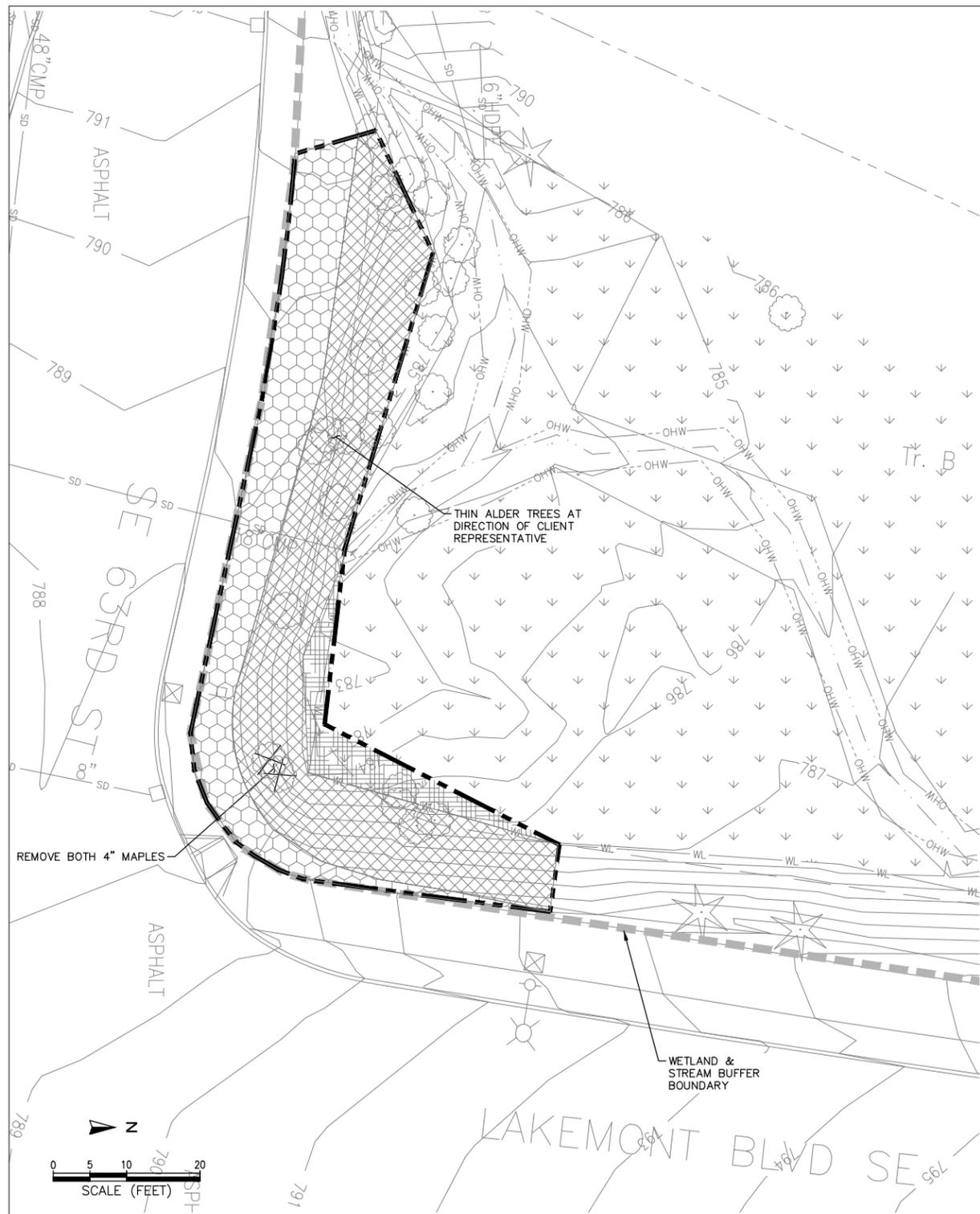
Date Submitted.....



SOURCE: Reid Middleton, 2014

Lakemont Blvd and Cougar Way . 130087

Figure 4
Project Impacts
Bellevue, Washington

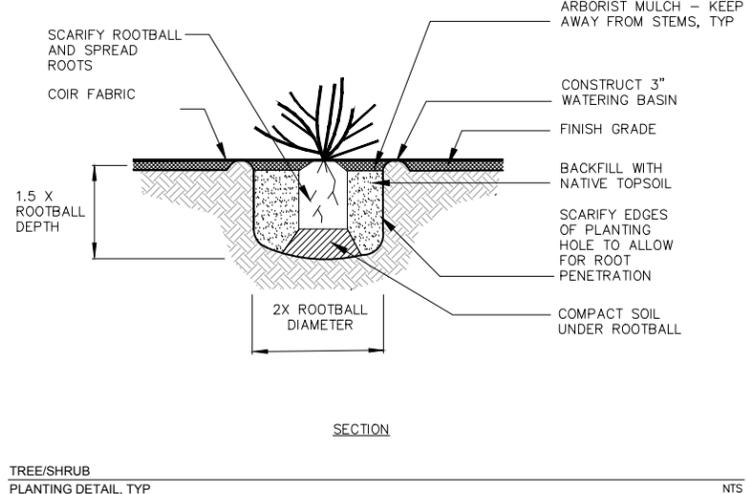
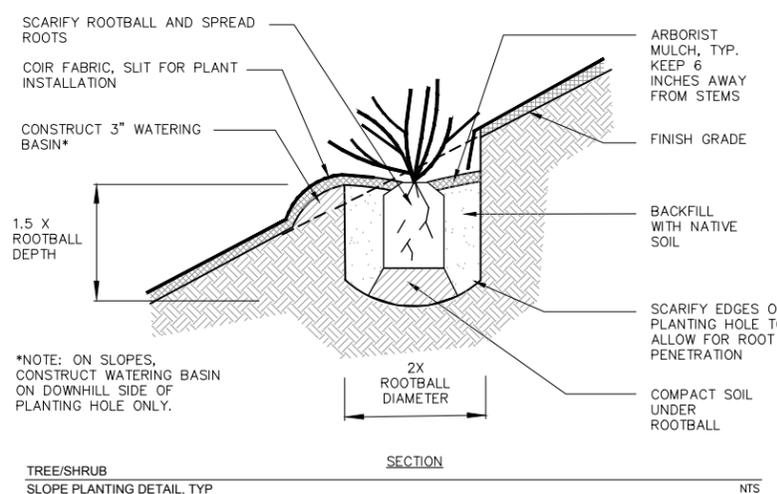


PLANT SCHEDULE

Top of Slope Planting (700 SF)					
	Common Name	Botanical Name	Size	Spacing (OC)	Quantity
Groundcover	Deer fern	<i>Blechnum spicant</i>	4 in	3 FT	30
	Sword fern	<i>Polystichum munitum</i>	1 gal	3 FT	30
	Fringecup	<i>Tellima grandiflora</i>	4 in	3 FT	30
Slope Planting (1,245 SF)					
	Common Name	Botanical Name	Size	Spacing	Quantity
Trees	Vine maple	<i>Acer circinatum</i>	1 gal	15 FT	4
	Doug fir	<i>Pseudotsuga menziesii</i>	1 gal	15 FT	4
Shrubs/Groundcover	Sword fern	<i>Polystichum munitum</i>	4 in	5 FT	15
	Thimbleberry	<i>Rubus parviflorus</i>	1 gal	5 FT	15
	Nootka rose	<i>Rosa nootkana</i>	1 gal	5 FT	15
	Snowberry	<i>Symphoricarpos albus</i>	1 gal	5 FT	15
Wetland Edge (190 SF)					
	Common Name	Botanical Name	Size	Spacing	Quantity
	Twinberry	<i>Lonicera involucrata</i>	1 gal	4 FT	7
	Rose	<i>Rosa gymnocarpa</i>	1 gal	4 FT	7
Seed Mix (2,135 SF)					
	Common Name	Botanical Name	% By Weight		
	Yarrow	<i>Achillea millefolium</i>	5		
	Pearly Everlasting	<i>Anaphalis margaritacea</i>	5		
	Blue Wildrye	<i>Elymus glaucus</i>	35		
	Native Red Fescue	<i>Festuca rubra var rubra</i>	20		
	Western Fescue	<i>Festuca occidentalis</i>	25		
	Sickle Keeled Lupine	<i>Lupinus albicaulis</i>	10		

NOTES:

- SITE PREPARATION**
- PLANTING AREA SHALL BE FREE OF WEEDS, INCLUDING BUT NOT LIMITED TO PLANTS ON THE WASHINGTON STATE NOXIOUS WEED LIST, PRIOR TO PLANTING.
 - CHEMICAL CONTROLS SHALL NOT BE USED IN THE MITIGATION/RESTORATION AREA, SENSITIVE AREAS, OR THEIR BUFFERS. HOWEVER, LIMITED USE OF HERBICIDES MAY BE APPROVED DEPENDING ON SITE-SPECIFIC CONDITIONS, ONLY IF APPROVED BY CLIENT REPRESENTATIVE.
 - AFTER ALL PLANTING AREAS HAVE BEEN CLEARED AND GRUBBED AS SPECIFIED; THE AREAS SHALL BE REVIEWED AND ACCEPTED BY CLIENT REPRESENTATIVE PRIOR TO LAYOUT OF PLANTING.
 - OVER-EXCAVATE 9" MINIMUM AND LOOSEN COMPACTED SUBGRADE 8-12."
 - INSTALL 9" TYPE C TOPSOIL, PER WSDOT SPEC 8-02.3(4)C. REPLACED SOILS SHALL CONTAIN AT LEAST 30% ORGANIC MATTER BY BULK DENSITY. SOIL AMENDMENTS TO BE APPROVED BY PROJECT REPRESENTATIVE.
 - FINISHED GRADE SHALL MATCH EXISTING GRADE.
- PLANTING**
- PLANTINGS SHALL BE INSTALLED IN THE FALL-WINTER SEASON TO ENSURE ADEQUATE MOISTURE DURING PLANT ESTABLISHMENT.
 - CONTRACTOR SHALL STAKE THE LOCATION OF ALL TREES AND THE PERIMETER OF ALL PLANTING AREAS FOR ACCEPTANCE BY CLIENT REPRESENTATIVE PRIOR TO ANY PLANT INSTALLATION ACTIVITIES.
 - ARBORIST MULCH SHALL BE APPLIED TO ENTIRE PLANTING AREA, EXCEPT FOR INUNDED AREAS.
 - INSTALL 700 SERIES COIR CLOTH ON SLOPE PLANTING AREA, PER MANUFACTURERS INSTRUCTIONS, SEE PLANTING DETAILS.
 - AFTER INSTALLATION OF COIR CLOTH AND PLANTS, HAND SEED WITH SPECIFIED SEED MIX, SEE PLANT SCHEDULE.
 - UPON COMPLETION OF INITIAL PLANTING WITHIN A DESIGNATED AREA, THE CLIENT REPRESENTATIVE WILL MAKE AN INSPECTION OF ALL PLANT MATERIAL AND NOTIFY THE CONTRACTOR, IN WRITING, OF ANY REPLACEMENTS OR CORRECTIVE ACTION NECESSARY TO MEET THE CONTRACT PROVISIONS. THE CONTRACTOR SHALL REPLACE ALL MATERIALS REJECTED OR MISSING AND CORRECT UNSATISFACTORY CONDITIONS.



KEY

— WL —	WETLAND BOUNDARY	— — — —	BUFFER BOUNDARY
- - - - OHW - - - -	ORDINARY HIGH WATER (top of bank)	— — — —	MITIGATION PLANTING AREA

**CONCEPTUAL
NOT FOR CONSTRUCTION**