



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. 09-133943-XE
Project Name/Address: Lewis Creek Trail
Lakemont Park – 5170 Village Park Drive SE
Planner: Kevin LeClair
Phone Number: 425-452-2928

Minimum Comment Period: January 28, 2010

Materials included in this Notice:

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

ENVIRONMENTAL CHECKLIST

4/18/02

If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.

BACKGROUND INFORMATION

Property Owner: *CITY OF BELLEVUE*
 Proponent: *Bellevue Parks & Community Services, Natural Resource Division*

Contact Person: *Kevin Husemann/Natural Resource Operations Supervisor*
 (If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: *Bellevue Parks & Community Services - Natural Resource Division*
16023 NE 8th Street, Bellevue, WA 98008

Phone: *office 425-452-4154*

Proposal Title: *Lewis Creek Trail Replacement*
Lakemont Park - 5176 Village Park Drive SE, Bellevue, WA 98006

Proposal Location:
 (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: *site preparation, minor earthwork, cantilevered pin-pile boardwalk, metal stairs, planting, soft-surface trail relocation, site restoration*
2. Acreage of site:

3. Number of dwelling units/buildings to be demolished: *0*

City of Bellevue
 Permit # 09-133943-XE

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: *recreational open space - hiking trails*

9. Design features, including building height, number of stories and proposed exterior materials:

pin-pile cantilevered boardwalk, metal stairs, wooden bridges (2)

10. Other

REVIEWED

By Kevin LeClair at 3:34 pm, Jan 05, 2010

BACKGROUND INFORMATION

Property Owner: City of Bellevue

Proponent: Barker Landscape Architects

Contact Person: Eric Streeby

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

Address: 1514 NW 52nd Street, Seattle, WA 98107

Phone: 206-783-2870

Proposal Title: Lewis Creek Trail Replacement

Proposal Location: Lakemont Park, Bellevue

(Street address and nearest cross street or intersection) Provide a legal description if available. 5170 Village Park Drive, Bellevue, WA 98006

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:** Relocation of existing soft-surface trail, construction of one (1) approximate 45' boardwalk, and two (2) footbridges crossing Lewis Creek.
- 2. Acreage of site:** .798 acres (approx. 34,737 square feet)
- 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):**
- 8. Proposed land use:** hiking by Lakemont Park users
- 9. Design features, including building height, number of stories and proposed exterior materials:** wooden boardwalk with pin-pile footings and handrails, two wooden pony-truss bridges, and soft-surface trails.
- 10. Other**

Estimated date of completion of the proposal or timing of phasing: Spring 2010

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.

A geotechnical report was prepared in August of 2008 by GeoEngineers.

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. No

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. A Land Use in Critical Areas Permit is being applied for concurrently with this Environmental Checklist. A Clearing and Grading in Critical Areas Permit will be submitted, as will a Building Permit.

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

REVIEWED

By Kevin LeClair at 3:36 pm, Jan 05, 2010

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

Erosion and Sedimentation will be controlled through use of BMPs required by Clear and Grade codes and standards in BCC 23.76

a. General description of the site: Flat Rolling Hilly Steep slopes Mountains
Other steep slopes

b. What is the steepest slope on the site (approximate percent slope)? Approx 100%, or 1:1 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. Mainly sand with gravel.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. Yes. Several recent slides along both sides of Lewis Creek have been noted. Two of these have interrupted the existing trail.

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

of fill. Overall fill will be zero. The only necessary grading will be that necessary to level the proposed trail, which will follow the existing terrain's topography, and any minor grading necessary to place the footings of the two proposed footbridges.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. Some erosion could conceivably occur as a result of the clearing process for the proposed trail. We plan to use coir logs or straw wattles to minimize any erosion associated with this clearing process.

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

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: coir logs or straw wattles along limit of work boundary to minimize any erosion associated with clearing for the trail and the bridges.

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. No significant emissions anticipated, aside from possible use of generators for power tools, when constructing the bridges.

REVIEWED

By Kevin LeClair at 3:36 pm, Jan 05, 2010

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. Any off-site emissions would be from automobiles bringing construction materials to Lakemont Avenue where they would be staged until they can be brought down to the trail via a rigging system.

c. Proposed measures to reduce or control emissions or other impacts to the air, if any:
none anticipated

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. Yes. Lewis Creek, a Type F stream, which runs into Lake Sammamish.

(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. No.

(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. Zero

(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. None

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. None anticipated

(2) Could waste materials enter ground or surface waters? If so, generally describe. None anticipated

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: none anticipated.

4. Plants

REVIEWED

By Kevin LeClair at 3:37 pm, Jan 05, 2010

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

deciduous tree: alder, maple, aspen, other –alder, maple

evergreen tree: fir, cedar, pine, other –Doug fir, Western Red Cedar, Vine Maple

shrubs: salal, sword fern...

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? Native vegetation along the proposed trail alignment will be relocated to the location of the trail to be abandoned, and replanted.

c. List threatened or endangered species known to be on or near the site. None known

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: We plan to put mitigation plantings using native plants in any areas disturbed by the construction of the bridges, boardwalk with stairs, and trails, as well as any areas which may be disturbed by the transportation or staging of materials onsite (though we expect the rigging system to minimize any disturbance caused by the transportation of construction materials to the site).

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: Any of these are possibly on the site, though none of these have been observed (rainy conditions at the time of site visits minimized any bird sightings)

Mammals: deer, bear, elk, beaver, other: none observed

Fish: bass, salmon, trout, herring, shellfish, other: none observed

b. List any threatened or endangered species known to be on or near the site. None known

c. Is the site part of a migration route? If so, explain. Not known

d. Proposed measures to preserve or enhance wildlife, if any: restoration plantings along abandoned trail to preserve habitat

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. There will be zero energy needs required for the trail and bridges, aside from occasional maintenance.

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, aside from using pin pile foundations which minimize energy used for excavation. All on-site construction work will be performed by hand.

REVIEWED

By Kevin LeClair at 3:42 pm, Jan 05, 2010

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

b. Noise

(1) What types of noise exist in the area which may affect your project (for example, traffic, equipment, operation, other)? Traffic noise from Lakemont Avenue is the only significant existing noise source – we don't expect it to have any direct impact on the project.

(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. None, aside from noise generated by possible generators and power tools used during construction during regular daytime construction hours (approx 8:00 a.m. – 5:00 p.m.) The noise generated by these would likely not be significantly audible from nearby residential dwellings or Lakemont Park.

(3) Proposed measures to reduce or control noise impacts, if any: none anticipated.

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties? The site is currently used by area residents for hiking, walking dogs, etc.

b. Has the site been used for agriculture? If so, describe. No.

c. Describe any structures on the site. None currently.

d. Will any structures be demolished? If so, what? No.

Property is Zoned R-5 with a Comprehensive Plan designation of Single-Family medium density.

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

f. What is the current comprehensive plan designation of the site? PF/SF-L (Public Facility / Single Family Housing – Low Density)

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

h. Has any part of the site been classified as an “environmentally sensitive” area? If so, specify. The site has been classified as two types of Critical Area – Type F Stream, and Geologic Hazard Area (Steep Slopes)

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

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

k. Proposed measures to avoid or reduce displacement impacts, if any: n/a

REVIEWED

By Kevin LeClair at 3:45 pm, Jan 05, 2010

I. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if

any: All proposed design elements (trails, footbridges, boardwalks) are compatible with the Shoreline Master Program designation of Open Space, as well as the Comprehensive Plan Designation of Public Facility.

9. Housing

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

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

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

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? Approximately 3-8 feet (bridge and boardwalk heights vary based on topography beneath them). Principal building material will be wood. Stairs will have some galvanized steel.

b. What views in the immediate vicinity would be altered or obstructed? None.

c. Proposed measures to reduce or control aesthetic impacts, if any: Structures will be built largely of natural materials (wood) which will blend in with their natural surroundings.

11. Light and Glare

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

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? Hiking, walking along trails.

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: Proposed design elements' primary function is to provide continued recreational opportunities by tying the site into the existing recreational trail network in the area.

13. Historic and Cultural Preservation

REVIEWED

By Kevin LeClair at 3:46 pm, Jan 05, 2010

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. No known.

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. Village Park Drive is the only direct street access to Lakemont Park. The major trailhead serving the the site is at Lakemont Park. The site will be also be indirectly accessible from Peggy's Trail and the Street of Dreams Trails, which are accessible from the residential neighborhood to the south of the site, including the following streets: 179th Avenue SE, 175th Place SE, 176th Place SE, SE 54th Place.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? Metro Route 210 is the closest public transit route to Lakemont Park. Lakemont Park is approximately 400 feet to the nearest public transit route. The site where the nearest proposed design element sits is approximately 1500 feet from the nearest public transit route, since it sits along a trail further within Lakemont Park.

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

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). n/a

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 volumes would occur. No significant increase in vehicular trips is expected to be generated by the completed project, aside from increases in vehicle visits to Lakemont Park that might be a by-product of improved recreational opportunities in the park.

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. None.

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. No available utilities onsite.

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. None.

Signature

REVIEWED

By Kevin LeClair at 3:46 pm, Jan 05, 2010

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.

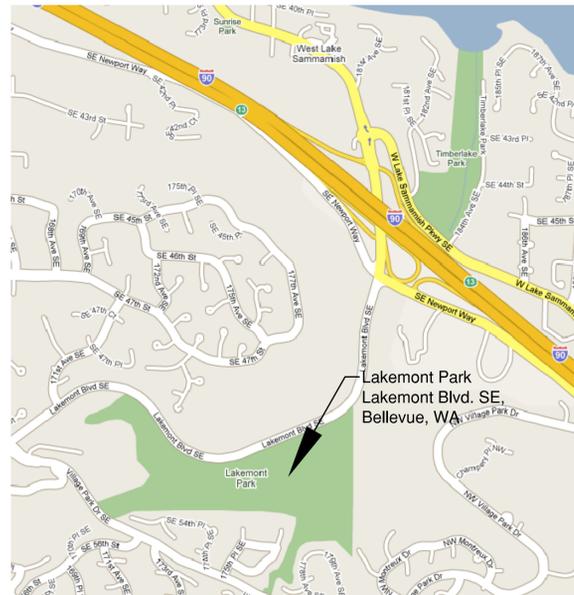
Signature..... *Eric* ~~Star~~ ERIC STREEBY

Date Submitted..... 12-29-2009

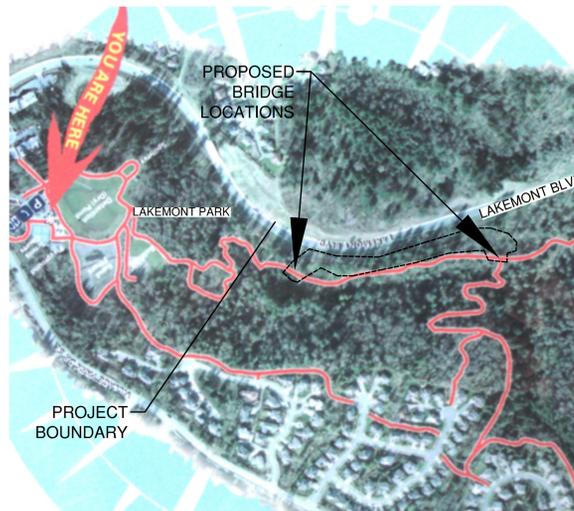
REVIEWED
By Kevin LeClair at 3:46 pm, Jan 05, 2010

Lewis Creek Trail Replacement

City of Bellevue, Washington



CONTEXT MAP
NTS



VICINITY MAP
NTS

CLEARING AND GRADING STANDARD NOTES:

- All clearing & grading construction must be in accordance with City of Bellevue (COB) Clearing & Grading Code; Clearing & Grading Erosion Control Standard Details (EC-1 through EC-23); Development Standards; Land Use Code; Uniform Building Code; permit conditions; and all other applicable codes, ordinances, and standards. The design elements within these plans have been reviewed according to these requirements. Any variance from adopted erosion control standards is not allowed unless specifically approved by the City of Bellevue Department of Planning & Community Development (PCD) prior to construction.
- A copy of the approved plans must be on-site during construction. The applicant is responsible for obtaining any other required or related permits prior to beginning construction.
- All locations of existing utilities have been established by field survey or obtained from available records and should, therefore, be considered only approximate and not necessarily complete. It is the sole responsibility of the contractor to independently verify the accuracy of all utility locations and to discover and avoid any other utilities not shown which may be affected by the implementation of this plan.
- The area to be cleared and graded must be flagged by the contractor and approved by the clearing & grading inspector prior to beginning any work on the site.
- A reinforced silt fence must be installed in accordance with COB EC-5 and located as shown on the approved plans or per the clearing & grading inspector, along slope contours and down slope from the building site.
- A hard-surface construction access pad is required per Clearing & Grading Standard Detail EC-1 or EC-2. This pad must remain in place until paving is installed.
- Clearing will be limited to the areas within the approved disturbance limits. Exposed soils must be covered at the end of each working day when working from October 1st through April 30th. From May 1st through September 30th, exposed soils must be covered at the end of each construction week and also at the threat of rain.
- Any excavated material removed from the construction site and deposited on property within the City limits must be done in compliance with a valid clearing & grading permit. Locations for the mobilization area and stockpiled material must be approved by the clearing & grading inspector at least 24 hours in advance of any stockpiling.
- To reduce the potential for erosion of exposed soils, or when rainy season construction is permitted, the following Best Management Practices (BMPs) are required: U+2022 Preserve natural vegetation for as long as possible or as required by the clearing & grading inspector. U+2022 Protect exposed soil using plastic (EC-14), erosion control blankets, straw or mulch (COB Guide to Mulch Materials, Rates, and Use Chart), or as directed by the clearing & grading inspector. U+2022 Install catch basin inserts as required by the clearing & grading inspector or permit conditions of approval. U+2022 Install a temporary sediment pond, a series of sedimentation tanks, temporary filter vaults, or other sediment control facilities. Installation of exposed aggregate surfaces requires a separate effluent collection pond on-site.
- Final site grading must direct drainage away from all building structures at a minimum 2% slope, per the Uniform Building Code.
- The contractor must maintain a sweeper on-site during earthwork and immediately remove soil that has been tracked onto paved areas as result of construction.
- A public information sign listing 24-hour emergency phone numbers for the city and the contractor may be provided to the applicant at the time the clearing & grading permit is issued. The applicant must post the sign at the project site in full view of the public and the contractors, and it must remain posted until final sign-off by the clearing & grading inspector.
- Turbidity monitoring may be required as a condition of clearing & grading permit approval. If required, turbidity monitoring must be performed in accordance with the approved turbidity monitoring plan and as directed by the clearing & grading inspector. Monitoring must continue during site (earthwork) construction until the final sign-off by the clearing & grading inspector.
- Any project that is subject to Rainy Season Restrictions will not be allowed to perform clearing & grading activities without written approval from the PCD director. The rainy season extends from November 1st through April 30th, as defined in section 23.76.093A of the Clearing & Grading Code.

GENERAL NOTES:

- All construction must be in accordance with the City of Bellevue's Development Standards; the City of Bellevue's Engineering and Utility Standards; the Bellevue City Code; the Uniform Building Codes; permit conditions; and all other applicable codes, ordinances, standards and policies. Applicable installation details are incorporated by reference to Bellevue's Engineering and Utilities published Standards. All applicable erosion control measures must be taken.
- A copy of the approved plans must be on-site whenever construction is in progress.
- The Contractor is responsible for obtaining any mechanical, electrical or other required permits prior to beginning construction.
- All locations of existing utilities have been established by field survey or obtained from available records and should, therefore, be considered approximate only and not necessarily complete. It is the sole responsibility of the contractor (1) to independently verify the accuracy of all utility locations and (2) to discover and avoid any other utilities not shown which may be affected by the implementation of this plan.
- Site shall be restored to better or equal condition in any areas affected by this work.
- Scheduling: All work shall be coordinated with Owner to achieve minimal disturbance to roadway operation.
- Contractor shall have proven experience in similar projects and be thoroughly familiar with City of Bellevue applicable standards and codes prior to commencement of work.
- This layout is diagrammatic. Contractor shall coordinate exact location of points of connection to existing systems with Owner prior to beginning any work.

Project Description

Contracted work includes site preparation, environmental protection, minor earthwork, cantilevered boardwalk, planting, trail construction, and site restoration. For technical question, call Barker Landscape Architects, (John or Eric) 206-783-2870.

Contacts:

Client:

City of Bellevue Parks Department
Kevin Husemann, Project Manager
450 110th Ave. NE, P.O. Box 90012
Bellevue, WA. 98009
tel: (425) 452-4154

Landscape Architect:

Barker Landscape Architects
Contact: John Barker
1514 NW 52nd Street.
Seattle, WA 98107
206-783-2870
206-783-8312 fax.
john@barkerla.com

Drawing Index

- L1 COVER
- L2 BOUNDARY / TOPOGRAPHICAL SURVEY
- L3 TESC / DEMOLITION PLAN
- L4 GRADING PLAN
- L5 PLANTING/RESTORATION PLAN
- L6 SITE PLAN
- L7 BOARDWALK / STAIRS DETAILS
- L8 SITE DETAILS
- L9 SLOPE CATEGORIES DRAWING
- S1 BRIDGE CROSSING TOPOGRAPHIC SURVEY I
- S2 BRIDGE CROSSING TOPOGRAPHIC SURVEY II

TRAIL REMOVAL NOTES:

- Assume existing foot paths shown to be obliterated are an average of 2' in width.
- Limit negative impacts such as soil compaction, erosion, and sedimentation as required in the Western Washington Stormwater Manual.
- The Washington State Department of Natural Resources requires all cleared trees measuring 6" D.B.H. or larger to be retained on site.
- Existing Trail Obliteration: Scarify trail soil to a 4" depth before placing forest duff, cut soil, and plants. Do not scarify where tree roots greater than 1/2" diameter occur. Where mechanized equipment cannot access areas to scarify existing trails the Contractor shall employ other means and methods such as hand tools (forks, hoe-dads, and pulaski) to scarify soil.
- Scarification shall begin at the point where the user foot path departs the edge of the proposed trail shoulder, thence 50 horizontal feet along the user foot path, where scarification ends. Other oblitterative activities extend past this point.
- Plants that are being relocated in this project shall be heeled in and roots and rhizomes protected from drying out. Maintain an even moisture content in root masses and root balls.
- Install all plants at the same depth they were dug.
- All logs 6" DBH and larger shall be kept on site and used for trail obliteration. Logs smaller than 6" DBH may be either disposed of off site or chipped on to areas identified to receive wood chips on site, as directed by the Owner.
- Remove or chip branches 3" diameter and greater, as measured from the branch collar, from logs used in the obliteration of existing user paths.
- Plant shrubs as staked in the field by the Owner.

Legal Description:

Lakemont Park
5170 Village Park Drive SE
Bellevue, WA, 98006
City of Bellevue Parcel Numbers: 4139450460, 4139450470,
4139450860, 4039450870, 4139450880



NO.	DATE	BY	APPR.	REVISIONS
12/22/09	ES	JFB		LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P.S.
1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services
Geoffrey Bradley, Project Manager
450 110 th Ave. NE
P.O. Box 90012
Bellevue, WA, 98009
tel: (425) 452.2740



JFB / BLS / EJS
DESIGNED BY 12/22/09 DATE
EJS
DRAWN BY 12/22/09 DATE
JFB
CHECKED BY 12/22/09 DATE

City of Bellevue
Lewis Creek
Trail Replacement

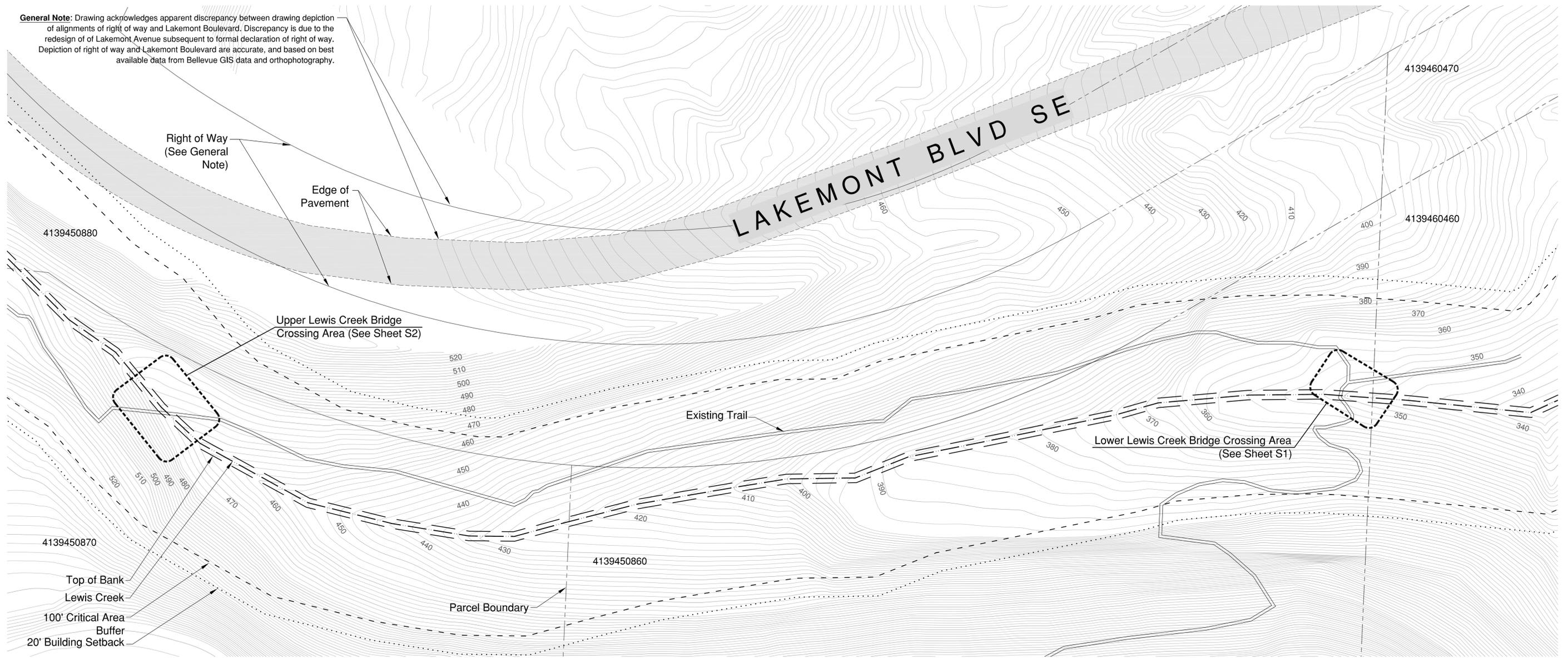
LAND USE PERMIT SET

COVER SHEET

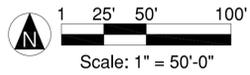
L1

SHEET 1 of 11

General Note: Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.



BOUNDARY / TOPOGRAPHICAL SURVEY



BOUNDARY/TOPO SURVEY LEGEND	
	Lewis Creek
	Parcels and Rights of Way
4139450870	City of Bellevue Parcel Number
	2 Foot Contours (Numbered @ 10 Feet)
	Existing Trail
	100' Stream Buffer
	20' Structure Setback
	Top of Bank (Estimated)

GENERAL NOTES:

1. Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.
2. Depicted Lewis Creek alignment is approximate, and is based on best available GIS information from City of Bellevue. Lewis Creek's actual alignment is in flux and may differ slightly from that on plans.
3. Orientation of bridges on overall map may not correspond exactly to orientation of bridges on Topographic Survey Enlargements, due to lower level of accuracy of GIS data received from City of Bellevue
4. Due to heavily wooded state of site, significant trees are not shown on topographic survey. Proposed trail alignment is to be field verified and adjusted as necessary to preserve all significant trees.



NO.	DATE	BY	APPR.	REVISIONS
	12/22/09	ES	JFB	LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P. S.
 1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
 PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services
 Geoffrey Bradley, Project Manager
 450 110 th Ave, NE
 P.O. Box 900112
 Bellevue, WA, 98009
 tel: (425) 452.2740



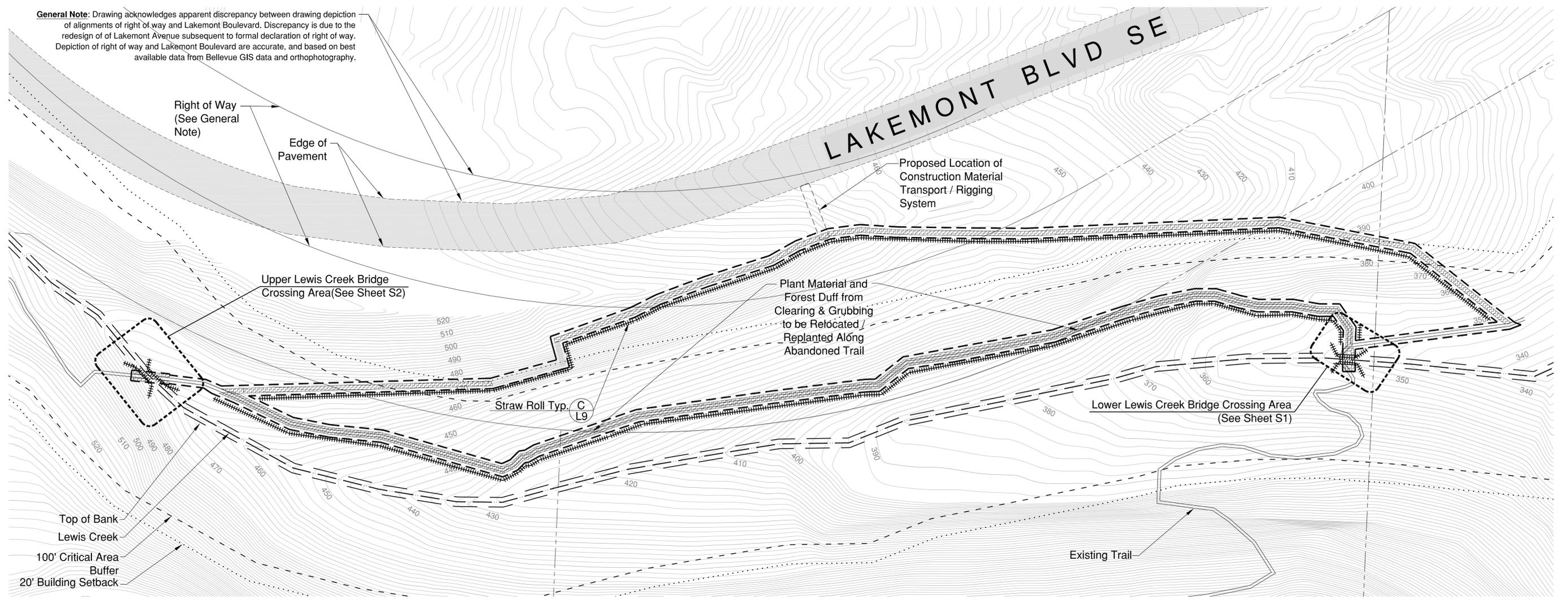
JFB / BLS / EJS	12/22/09
DESIGNED BY	DATE
EJS	12/22/09
DRAWN BY	DATE
JFB	12/22/09
CHECKED BY	DATE

City of Bellevue
Lewis Creek
Trail Replacement

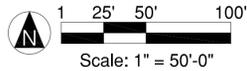
LAND USE PERMIT SET

BOUNDARY/
 TOPOGRAPHICAL
 SURVEY
L2
 SHEET 2 of 11

General Note: Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.



TESC / DEMOLITION PLAN



TESC / DEMOLITION PLAN LEGEND	
	Lewis Creek
	Parcels and Rights of Way
	2 Foot Contours
	Existing Trail
	100' Stream Buffer
	20' Structure Setback
	Top of Bank (Estimated)
	Lakemont Boulevard Pavement Edges
	Limit of Work Line
	Selective Clearing & Grubbing Area
	Proposed Rigging System Location (For Transporting Materials Onsite)
	Straw Roll

TEMPORARY EROSION & SEDIMENTATION CONTROL NOTES:

- All clearing limits shall be visibly marked prior to clearing.
- The constructed erosion control and sedimentation plan shall be approved by the City of Bellevue prior to performing any site grading or clearing.
- The implementation of temporary erosion and sedimentation control (TESC) measures and the construction, maintenance, and replacement of these facilities is the responsibility of the contractor.
- The TESC facilities must be constructed in conjunction with all construction activities and in such a manner as to ensure that sediment laden water does not enter the public drainage system or flow off site.
- The TESC facilities shall be inspected daily by the contractor and maintained as necessary or as directed by the engineer to ensure continuous functioning.
- Stabilized construction entrances shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures may be required to insure that all paved areas are kept clean for the duration of the project.
- All catch basins in the vicinity of construction shall be protected with filter fabric placed between the frame and grate or as directed by the engineer. Clean regularly: no more than 1 inch of sediment will be allowed to accumulate over filter fabric.
- Any area stripped of vegetation where no further work is anticipated for a period of 15 days shall be immediately stabilized with approved TESC methods such as mulching, erosion blankets, plastic sheeting or as directed by the engineer.
- All steep slope excavations greater than 2:1 shall be covered at the end of each working day.
- All disturbed areas shall be covered with 7" depth woodchip mulch.
- Any vegetation not in the construction area shall be left undisturbed.
- Field verify location of existing trees & boulders.
- The TESC facilities are the minimum requirements for anticipated site conditions. During the construction period, these TESC facilities shall be upgraded by contractor as directed by the engineer for unexpected storm events.
- All storm drain facilities within the project boundary are to be cleared of sediment and debris prior to final acceptance of the project.

GENERAL NOTES:

- Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.
- Depicted Lewis Creek alignment is approximate, and is based on best available GIS information from City of Bellevue. Lewis Creek's actual alignment is in flux and may differ slightly from that on plans.
- Orientation of bridges on overall map may not correspond exactly to orientation of bridges on Topographic Survey Enlargements, due to lower level of accuracy of GIS data received from City of Bellevue. See Sheets S1 and S2 for exact proposed bridge alignments.

NO.	DATE	BY	APPR.	REVISIONS
1	12/22/09	ES	JFB	LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P.S.
 1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
 PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services

Geoffrey Bradley, Project Manager
 450 110 th Ave, NE
 P.O. Box 900112
 Bellevue, WA, 98009
 tel: (425) 452.2740



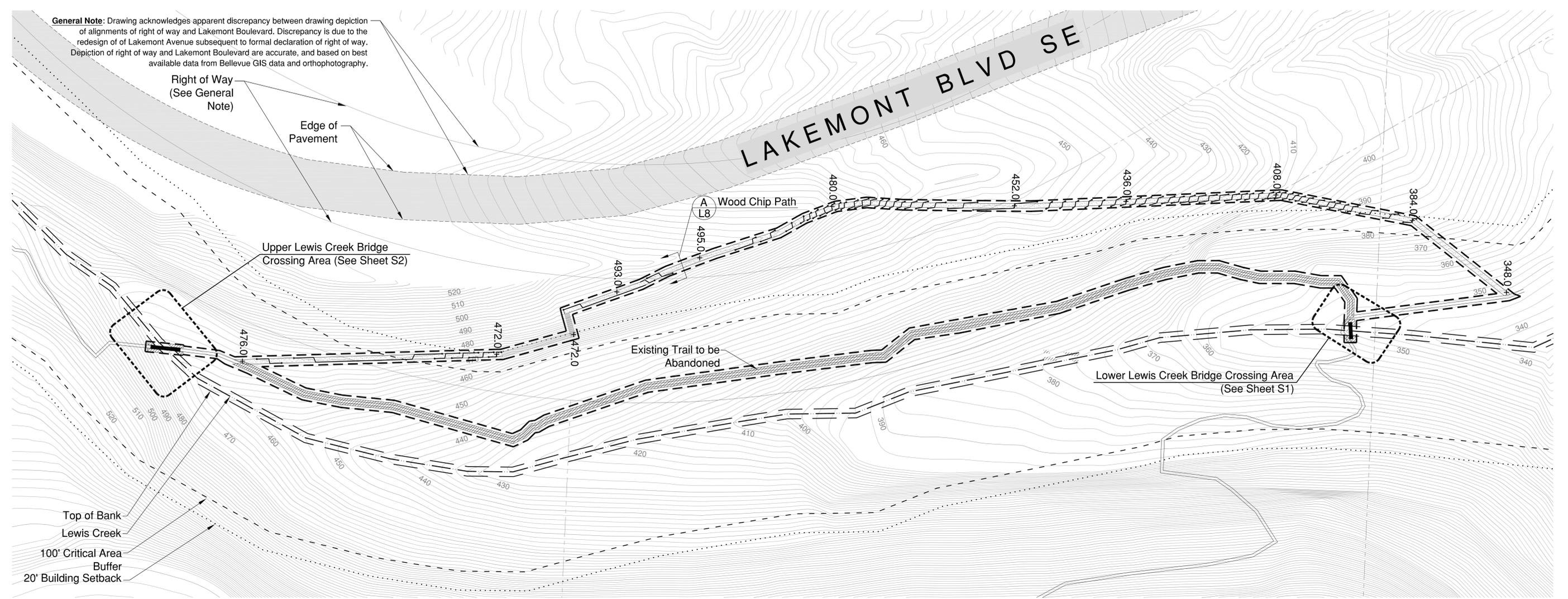
JFB / BLS / EJS
 DESIGNED BY DATE 12/22/09
 EJS
 DRAWN BY DATE 12/22/09
 JFB
 CHECKED BY DATE 12/22/09

City of Bellevue
Lewis Creek
Trail Replacement

LAND USE PERMIT SET

TESC / DEMOLITION PLAN
L3
 SHEET 3 of 11





General Note: Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.

Right of Way
(See General Note)

Edge of Pavement

LAKEMONT BLVD SE

Wood Chip Path

Upper Lewis Creek Bridge
Crossing Area (See Sheet S2)

Existing Trail to be
Abandoned

Lower Lewis Creek Bridge Crossing Area
(See Sheet S1)

Top of Bank
Lewis Creek

100' Critical Area
Buffer

20' Building Setback



GRADING PLAN

GRADING PLAN LEGEND	
	Lewis Creek
	Parcels and Rights of Way
	2 Foot Contours
	Existing Trail
	Existing Trail to be Abandoned
	Proposed Footbridge
	Proposed Trail
	Proposed Boardwalk
	Proposed Metal Stairs
	Top of Bank (Estimated)
	100' Stream Buffer
	20' Structure Setback
	+472.0 Proposed Spot Elevations
	Proposed Contours
	Limit of Work

CLEARING AND GRADING STANDARD NOTES:

- All clearing & grading construction must be in accordance with City of Bellevue (COB) Clearing & Grading Code; Clearing & Grading Erosion Control Standard Details (EC-1 through EC-23); Development Standards; Land Use Code; Uniform Building Code; permit conditions; and all other applicable codes, ordinances, and standards. The design elements within these plans have been reviewed according to these requirements. Any variance from adopted erosion control standards is not allowed unless specifically approved by the City of Bellevue Department of Planning & Community Development (PCD) prior to construction.
- A copy of the approved plans must be on-site during construction. The applicant is responsible for obtaining any other required or related permits prior to beginning construction.
- All locations of existing utilities have been established by field survey or obtained from available records and should, therefore, be considered only approximate and not necessarily complete. It is the sole responsibility of the contractor to independently verify the accuracy of all utility locations and to discover and avoid any other utilities not shown which may be affected by the implementation of this plan.
- The area to be cleared and graded must be flagged by the contractor and approved by the clearing & grading inspector prior to beginning any work on the site.
- A reinforced silt fence must be installed in accordance with COB EC-5 and located as shown on the approved plans or per the clearing & grading inspector, along slope contours and down slope from the building site.
- A hard-surface construction access pad is required per Clearing & Grading Standard Detail EC-1 or EC-2. This pad must remain in place until paving is installed.
- Clearing will be limited to the areas within the approved disturbance limits. Exposed soils must be covered at the end of each working day when working from October 1st through April 30th. From May 1st through September 30th, exposed soils must be covered at the end of each construction week and also at the threat of rain.
- Any excavated material removed from the construction site and deposited on property within the City limits must be done in compliance with a valid clearing & grading permit. Locations for the mobilization area and stockpiled material must be approved by the clearing & grading inspector at least 24 hours in advance of any stockpiling.

- To reduce the potential for erosion of exposed soils, or when rainy season construction is permitted, the following Best Management Practices (BMPs) are required: U+2022 Preserve natural vegetation for as long as possible or as required by the clearing & grading inspector. U+2022 Protect exposed soil using plastic (EC-14), erosion control blankets, straw or mulch (COB Guide to Mulch Materials, Rates, and Use Chart), or as directed by the clearing & grading inspector. U+2022 Install catch basin inserts as required by the clearing & grading inspector or permit conditions of approval. U+2022 Install a temporary sediment pond, a series of sedimentation tanks, temporary filter vaults, or other sediment control facilities. Installation of exposed aggregate surfaces requires a separate effluent collection pond on-site.
- Final site grading must direct drainage away from all building structures at a minimum 2% slope, per the Uniform Building Code.
- The contractor must maintain a sweeper on-site during earthwork and immediately remove soil that has been tracked onto paved areas as result of construction.
- A public information sign listing 24-hour emergency phone numbers for the city and the contractor may be provided to the applicant at the time the clearing & grading permit is issued. The applicant must post the sign at the project site in full view of the public and the contractors, and it must remain posted until final sign-off by the clearing & grading inspector.
- Turbidity monitoring may be required as a condition of clearing & grading permit approval. If required, turbidity monitoring must be performed in accordance with the approved turbidity monitoring plan and as directed by the clearing & grading inspector. Monitoring must continue during site (earthwork) construction until the final sign-off by the clearing & grading inspector.
- Any project that is subject to Rainy Season Restrictions will not be allowed to perform clearing & grading activities without written approval from the PCD director. The rainy season extends from November 1st through April 30th, as defined in section 23.76.093A of the Clearing & Grading Code.

GENERAL NOTES:

- Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.
- Depicted Lewis Creek alignment is approximate, and is based on best available GIS information from City of Bellevue. Lewis Creek's actual alignment is in flux and may differ slightly from that on plans.
- Orientation of bridges on overall map may not correspond exactly to orientation of bridges on Topographic Survey Enlargements, due to lower level of accuracy of GIS data received from City of Bellevue. See Sheets S1 and S2 for exact proposed bridge alignments.
- Trail width on plan is exaggerated for graphic clarity. Actual trail width will be between 18 and 36 inches.
- Required grading for site is minimal, and constitutes only that required to create a level walking surface on trail, and that required to locate bridge footings. Total proposed cut and fill to be approximately zero.

NO.	DATE	BY	APPR.	REVISIONS
	12/22/09	ES	JFB	LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P.S.
1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services

Geoffrey Bradley, Project Manager
450 110 th Ave, NE
P.O. Box 900112
Bellevue, WA, 98009
tel: (425) 452.2740



JFB / BLS / EJS DESIGNED BY	12/22/09 DATE
EJS DRAWN BY	12/22/09 DATE
JFB CHECKED BY	12/22/09 DATE

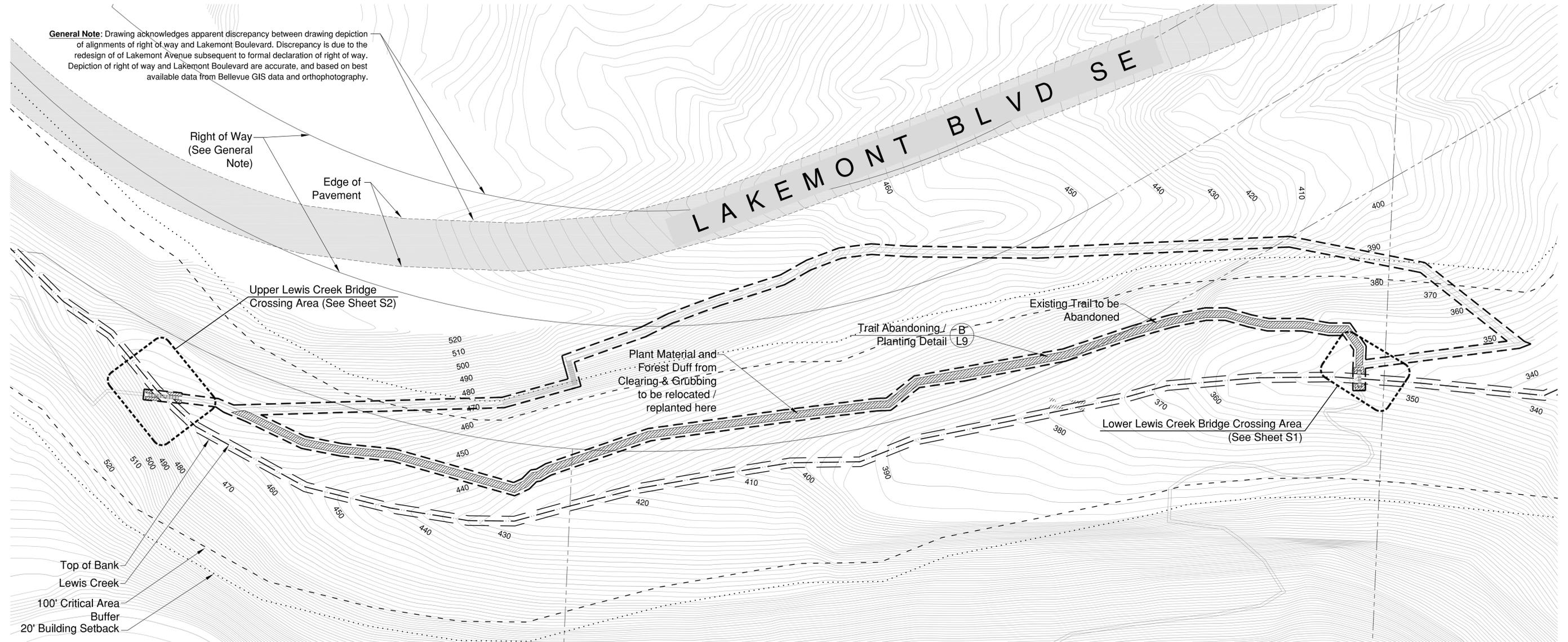
City of Bellevue
Lewis Creek
Trail Replacement

LAND USE PERMIT SET

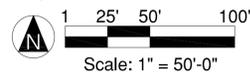
GRADING PLAN
L4
SHEET 4 of 11



General Note: Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.



PLANTING / RESTORATION PLAN



PLANTING PLAN LEGEND		
---	Lewis Creek	
- - -	Parcels and Rights of Way	
520	2 Foot Contours	
---	Existing Trail	
---	Trail to be Abandoned	
---	Proposed Trail	
---	Proposed Boardwalk	
---	Proposed Metal Stairs	
---	Proposed Footbridge	
---	100' Stream Buffer	
---	20' Structure Setback	
---	Top of Bank (Estimated)	
---	Lakemont Boulevard	
---	Restoration Plantings Consisting of All Relocated Forest Duff and All Salvaged Plant Material (Vine Maples, Salal, Sword Ferns, and Any Other Native Vegetation) from Clearing & Grading, Plus Any Additional Native Plant Material Necessary to Restore all Disturbed Areas	
---	Limit of Work Line	

GENERAL NOTES:

- Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.
- Depicted Lewis Creek alignment is approximate, and is based on best available GIS information from City of Bellevue. Lewis Creek's actual alignment is in flux and may differ slightly from that on plans.
- Orientation of bridges on overall map may not correspond exactly to orientation of bridges on Topographic Survey Enlargements, due to lower level of accuracy of GIS data received from City of Bellevue. See Sheets S1 and S2 for exact proposed bridge alignments.
- Trail width on plan is exaggerated for graphic clarity. Actual trail width will be between 18 and 36 inches.



NO.	DATE	BY	APPR.	REVISIONS
12/22/09	ES	JFB		LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P.S.
 1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
 PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services
 Geoffrey Bradley, Project Manager
 450 110 th Ave, NE
 P.O. Box 900112
 Bellevue, WA, 98009
 tel: (425) 452.2740



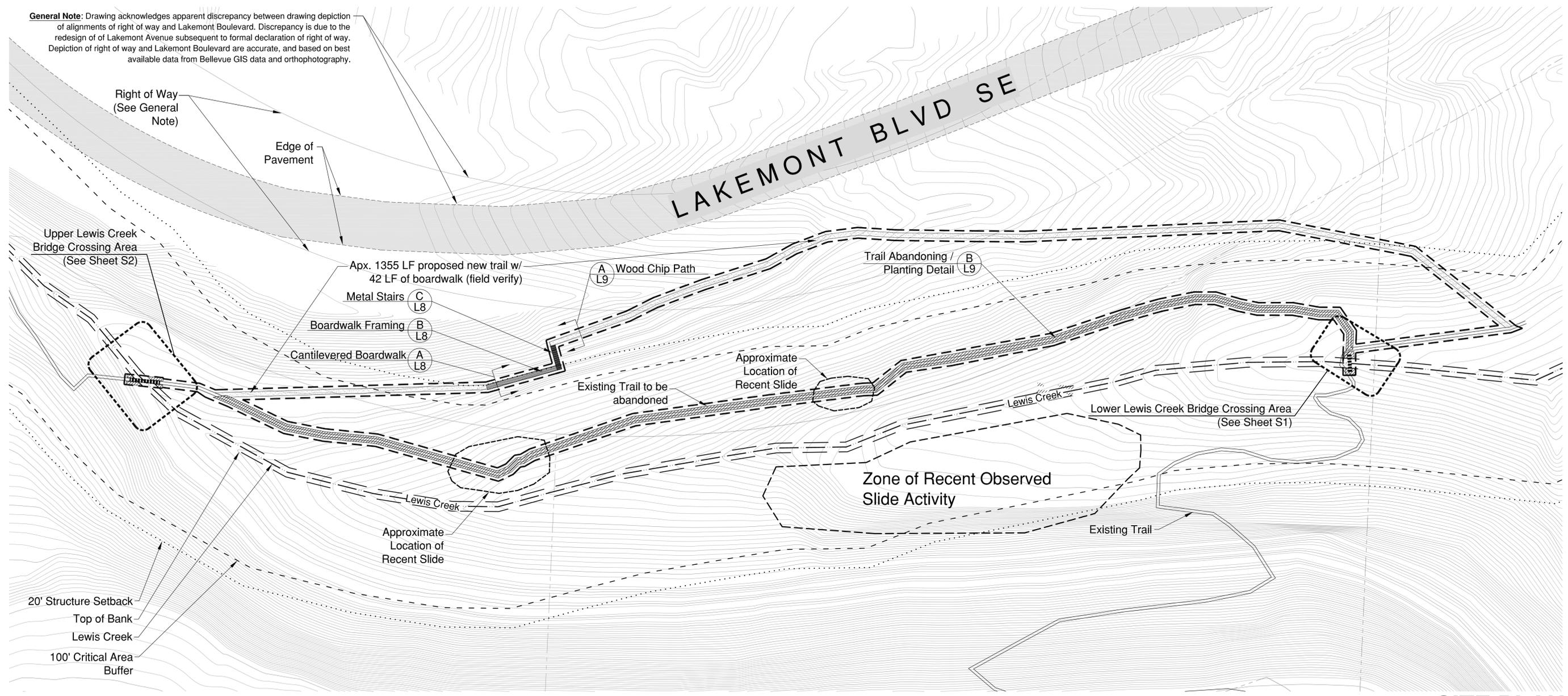
JFB / BLS / EJS	12/22/09
DESIGNED BY	DATE
EJS	12/22/09
DRAWN BY	DATE
JFB	12/22/09
CHECKED BY	DATE

City of Bellevue
Lewis Creek
Trail Replacement

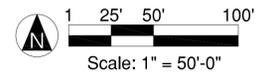
LAND USE PERMIT SET

PLANTING/RESTORATION PLAN
L5
 SHEET 5 OF 11

General Note: Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.



SITE PLAN



WWW.CALLBEFOREYODIG.COM
1-800-424-5555 OR 811

STATISTICAL INFORMATION:

1. Land Use Zone: Single Family
2. Site Area (Limit of Work): .798 acres / 34,737 square feet
3. Amount of Impervious Area: approx. 300 square feet (bridges only)
4. Cut/fill: 0 square feet total cut/fill (only what necessary to level proposed narrow soft surface trail - no import/export of soils required)
5. Proposed Landscaping/Mitigation: approx 3744 sq. ft (assumes 3 foot wide existing trail)

GENERAL NOTES:

1. Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.
2. Depicted Lewis Creek alignment is approximate, and is based on best available GIS information from City of Bellevue. Lewis Creek's actual alignment is in flux and may differ slightly from that on plans.
3. Orientation of bridges on overall map may not correspond exactly to orientation of bridges on Topographic Survey Enlargements, due to lower level of accuracy of GIS data received from City of Bellevue. See Sheets S1 and S2 for exact proposed bridge alignments.
4. Trail width on plan is exaggerated for graphic clarity. Actual trail width will be between 18 and 36 inches.
5. Required grading for site is minimal, and constitutes only that required to create a level walking surface on trail, and that required to locate bridge footings. Total proposed cut and fill to be approximately zero.
6. Due to heavily wooded state of site, significant trees are not shown on topographic survey. Proposed trail alignment is to be field verified and adjusted as necessary to preserve all significant trees.

SITE PLAN LEGEND	
	Lewis Creek
	Parcels and Rights of Way
	2 Foot Contours
	Existing Trail
	Trail to be Abandoned/ Restored
	Proposed Trail
	Proposed Boardwalk
	Proposed Metal Stairs
	Proposed Footbridge
	100' Stream Buffer
	20' Structure Setback
	Top of Bank (Estimated)
	Lakemont Boulevard
	Limit of Work



NO.	DATE	BY	APPR.	REVISIONS
12/22/09	ES	JFB		LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P.S.
1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services
Geoffrey Bradley, Project Manager
450 110 th Ave, NE
P.O. Box 900112
Bellevue, WA, 98009
tel: (425) 452.2740



ES/BLS
DESIGNED BY
ES / BLS
DRAWN BY
JFB
CHECKED BY

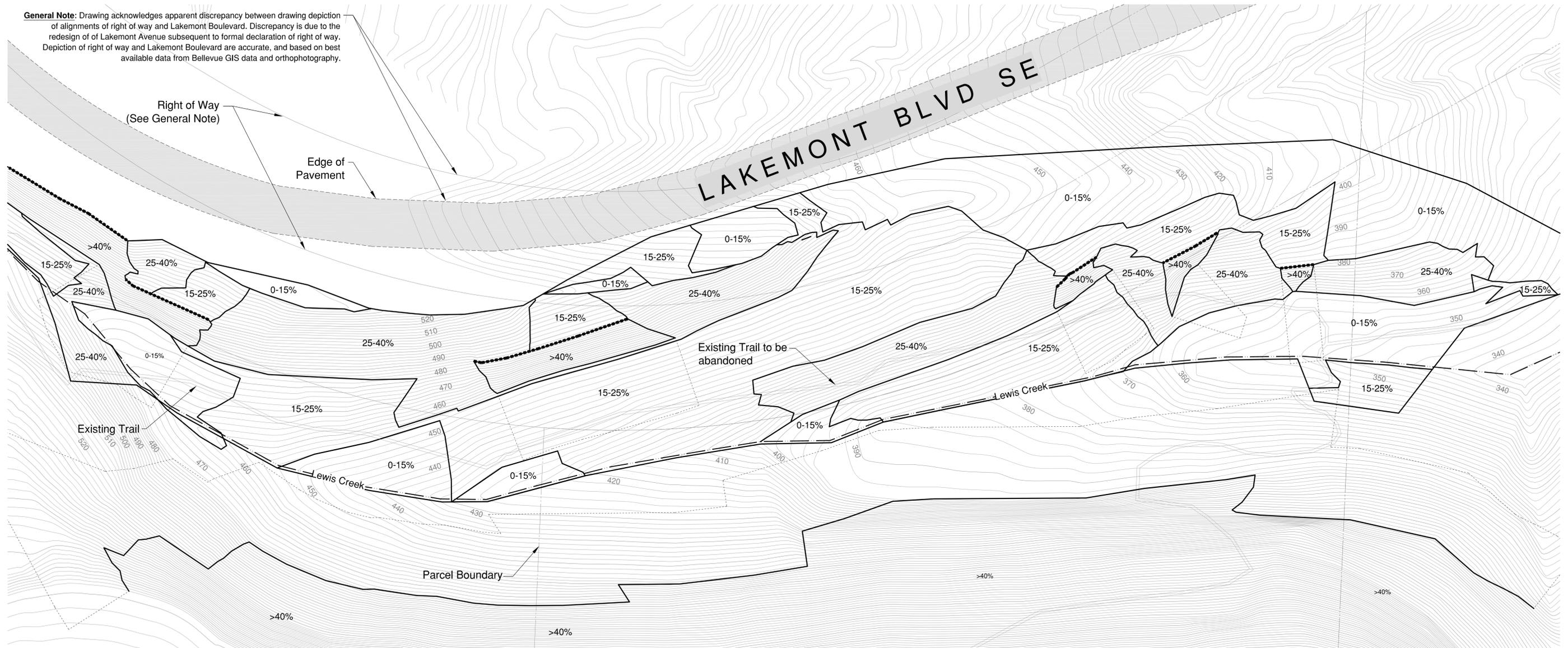
12/22/09
DATE
08/06/09
DATE
08/06/09
DATE

City of Bellevue
Lewis Creek
Trail Replacement

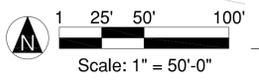
LAND USE PERMIT SET

SITE PLAN
L6
SHEET 6 of 11

General Note: Drawing acknowledges apparent discrepancy between drawing depiction of alignments of right of way and Lakemont Boulevard. Discrepancy is due to the redesign of Lakemont Avenue subsequent to formal declaration of right of way. Depiction of right of way and Lakemont Boulevard are accurate, and based on best available data from Bellevue GIS data and orthophotography.



SLOPE CATEGORY PLAN



SLOPE CATEGORY LEGEND			
	Lewis Creek		Slope Categories
	Parcels and Rights of Way		Top of 40% Slope
	2 Foot Contours (Numbered @ 10 Feet)		75' Steep Slope Toe Buffer
	Existing Trail		

WWW.CALLBEFOREYODIG.COM
1-800-424-5555 OR 811



NO.	DATE	BY	APPR.	REVISIONS
1	12/22/09	ES	JFB	LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P.S.
1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services
Geoffrey Bradley, Project Manager
450 110 th Ave, NE
P.O. Box 900112
Bellevue, WA, 98009
tel: (425) 452.2740

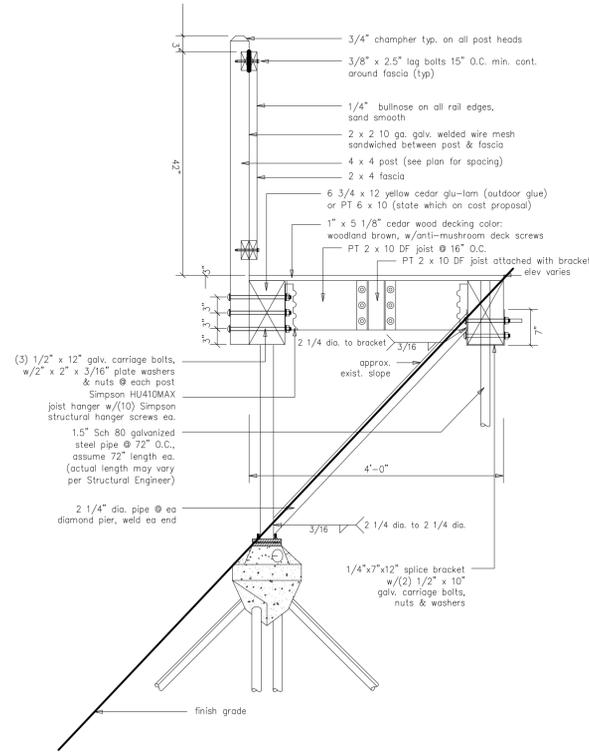


ES/BLS
DESIGNED BY 12/22/09 DATE
ES / BLS 08/06/09 DATE
DRAWN BY 08/06/09 DATE
JFB 08/06/09 DATE
CHECKED BY DATE

City of Bellevue
Lewis Creek
Trail Replacement

LAND USE PERMIT SET

SLOPE CATEGORY PLAN
L7
SHEET 7 of 11

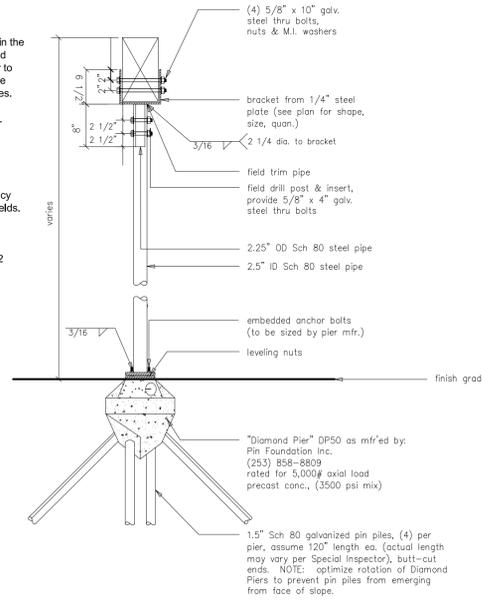


Note: Owner shall retain the services of an approved Geotechnical Engineer to inspect and observe the placement of all pin piles.

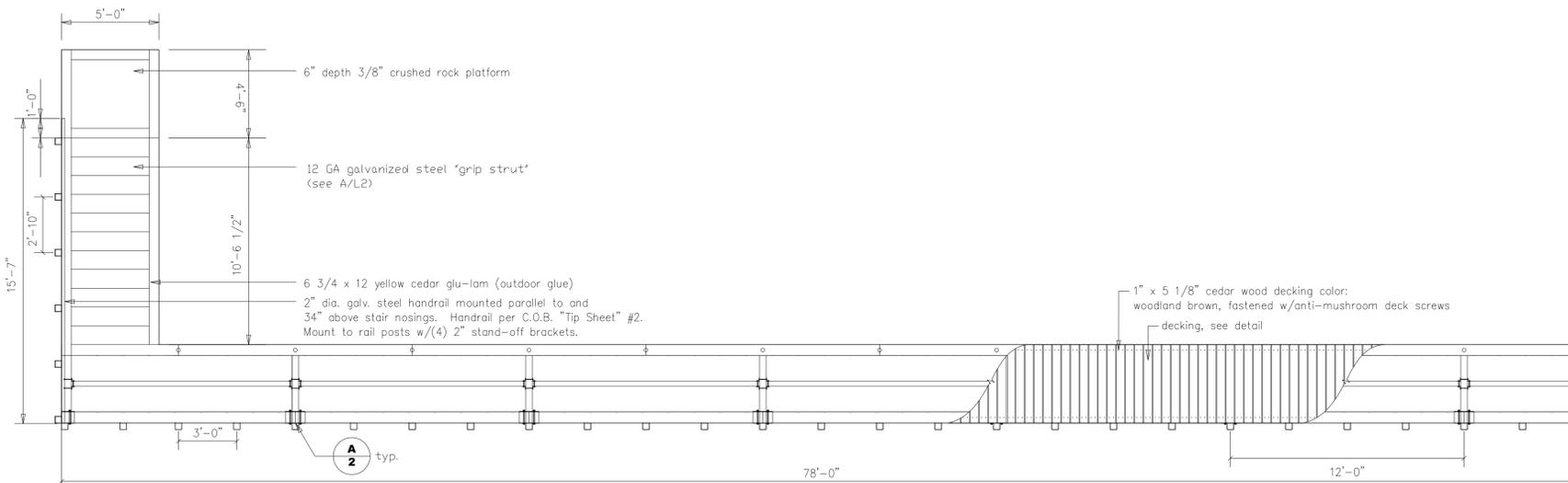
Golder Associates, Inc.
18300 Union Hill Road
Redmond, WA 98052
(425) 883-0777

An Owner-provided WABO-approved agency shall inspect all field welds.

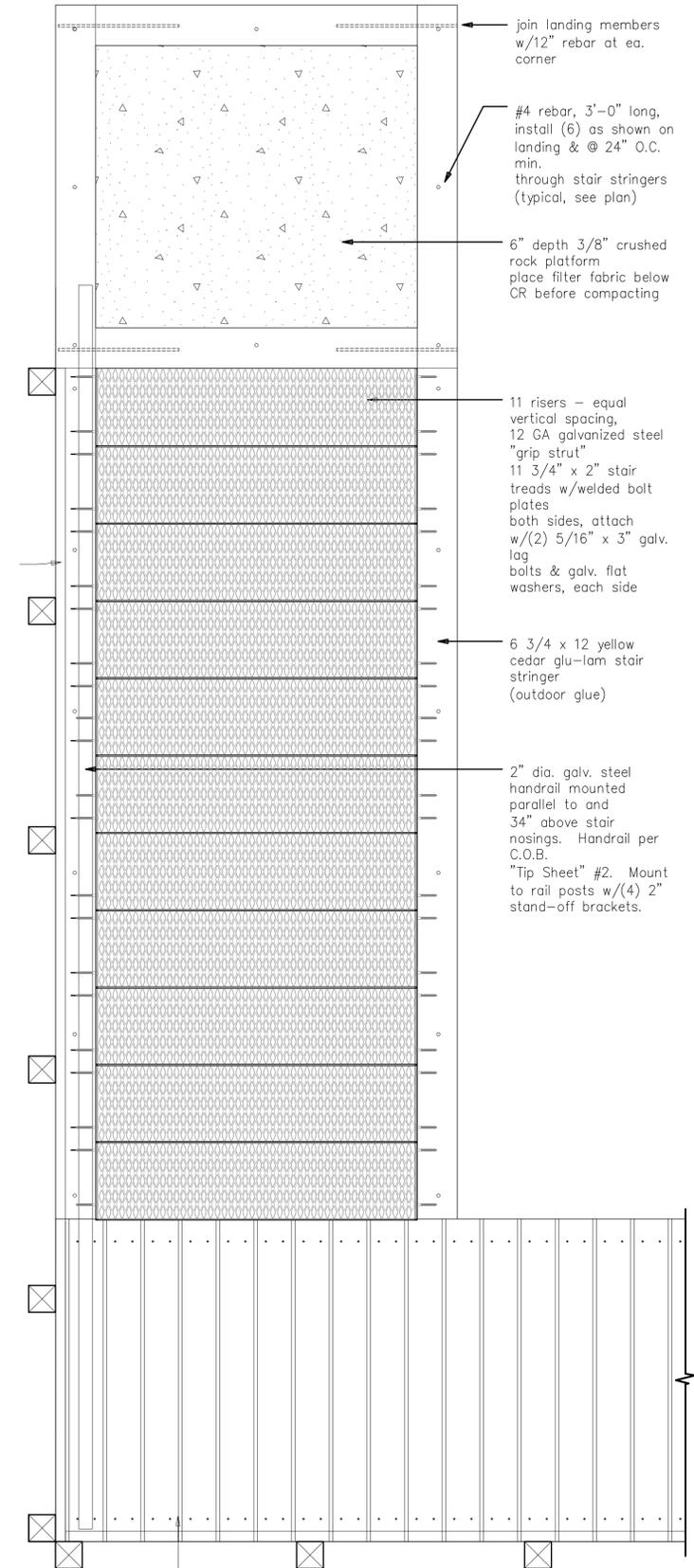
Krazan & Associates
19501 144th Ave NE
Woodinville, WA 98072
(425) 485-5519



A Cantilevered Boardwalk
Scale: 3/4" = 1'-0"



B Boardwalk Framing
Scale: 1/4" = 1'-0"



C Metal Stairs
Scale: 1" = 1'-0"

NO.	DATE	BY	APPR.	REVISIONS
1	12/22/09	ES	JFB	LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P.S.
1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services
Geoffrey Bradley, Project Manager
450 110 th Ave, NE
P.O. Box 900112
Bellevue, WA, 98009
tel: (425) 452.2740



DESIGNED BY
ES / BLS 12/22/09
DATE
DRAWN BY
JFB 08/06/09
DATE
CHECKED BY
DATE

City of Bellevue
Lewis Creek
Trail Replacement

LAND USE PERMIT SET



BOARDWALK / STAIRS
DETAILS
L8
SHEET 8 of 11

WWW.CALLBEFOREYUDIG.COM

1-800-424-5555 OR 811

landscape buffer if required, or provide 2' - 0" min. clearance to any obstruction (both sides)

clearance above trail surface, 3:1 side slope max.

transition at edge to landscape buffer, if required
trail surface - 4" depth medium bark

existing grade - TYP.

2% SLOPE (MAX.) TO DRAIN

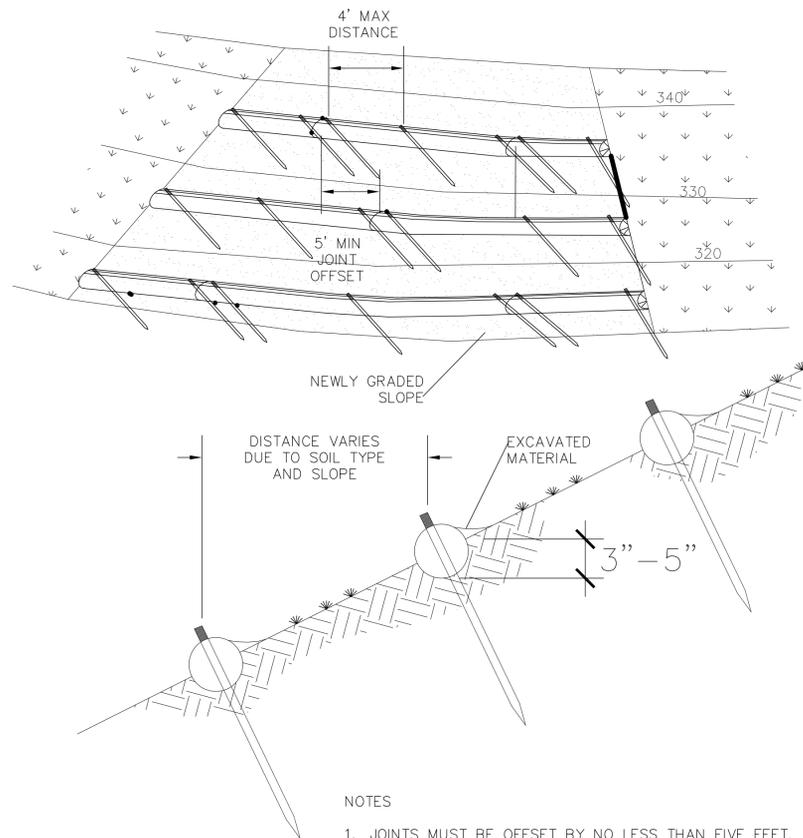
4' - 10" to 10' - 0" as required depends on trail type

compact to 95% density/undisturbed native subgrade

Note:

- provide drainage as required
- trail alignments shall be reviewed & approved by City prior to construction
- provide woven filter fabric between wood chips & subgrade as required by City

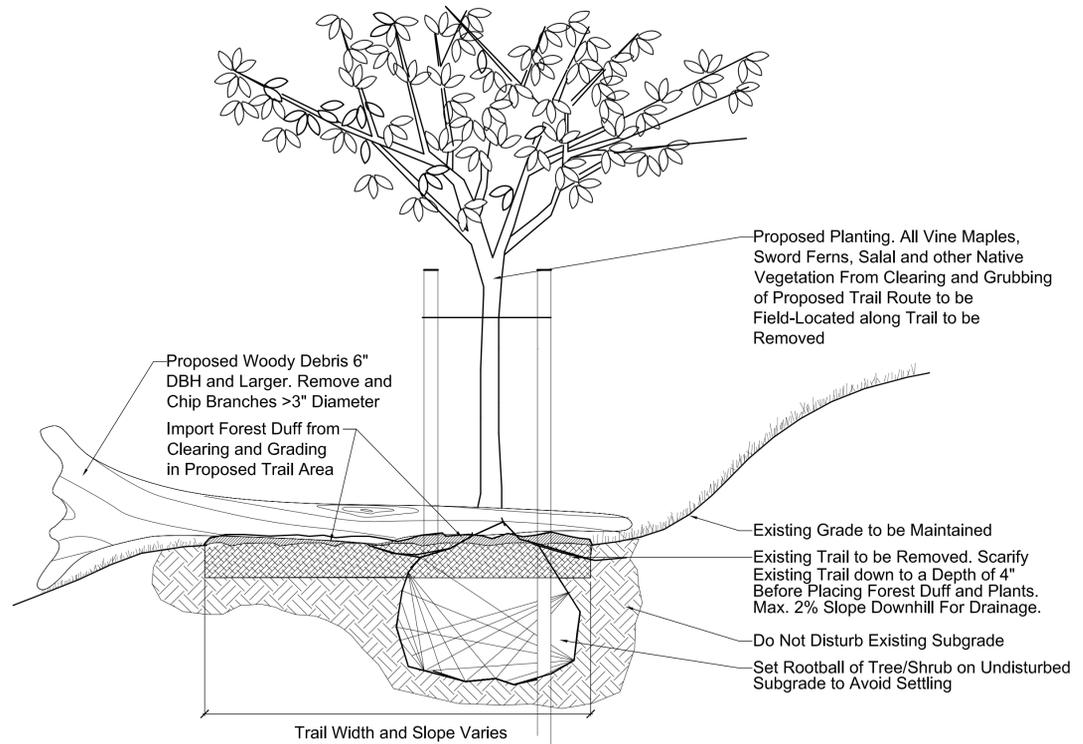
A Wood Chip Paths



NOTES

1. JOINTS MUST BE OFFSET BY NO LESS THAN FIVE FEET.
2. ROLLS SHALL BE ALIGNED PARALLEL TO ELEVATION CONTOURS.
3. HYDROSEED OR MULCH SLOPE FOR ADDITIONAL EROSION CONTROL.

C Straw Roll Paths



NOTE: SEE TRAIL REMOVAL NOTES FOR MORE INFO

B Trail Abandoning/Planting Details

NO.	DATE	BY	APPR.	REVISIONS
1	12/22/09	ES	JFB	LAND USE PERMIT SUBMITTAL



BARKER
LANDSCAPE ARCHITECTS, P.S.
1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services

Geoffrey Bradley, Project Manager
450 110 th Ave, NE
P.O. Box 900112
Bellevue, WA, 98009
tel: (425) 452.2740



ES/BLS 12/22/09
DESIGNED BY DATE
ES / BLS 08/06/09
DRAWN BY DATE
JFB 08/06/09
CHECKED BY DATE

City of Bellevue
Lewis Creek
Trail Replacement

LAND USE PERMIT SET



SITE DETAILS

L9

SHEET 9 of 11

LEGEND

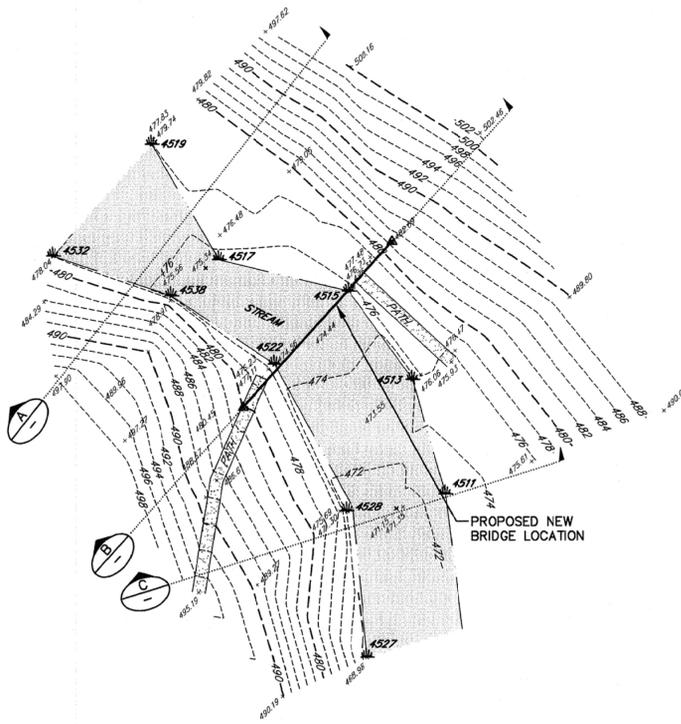
- ▬ ORDINARY HIGH WATER MARK FLAG
- △ PINS SET BY PARKS DEPARTMENT FOR PROPOSED BRIDGE CROSSING

VERTICAL DATUM

ASSUMED

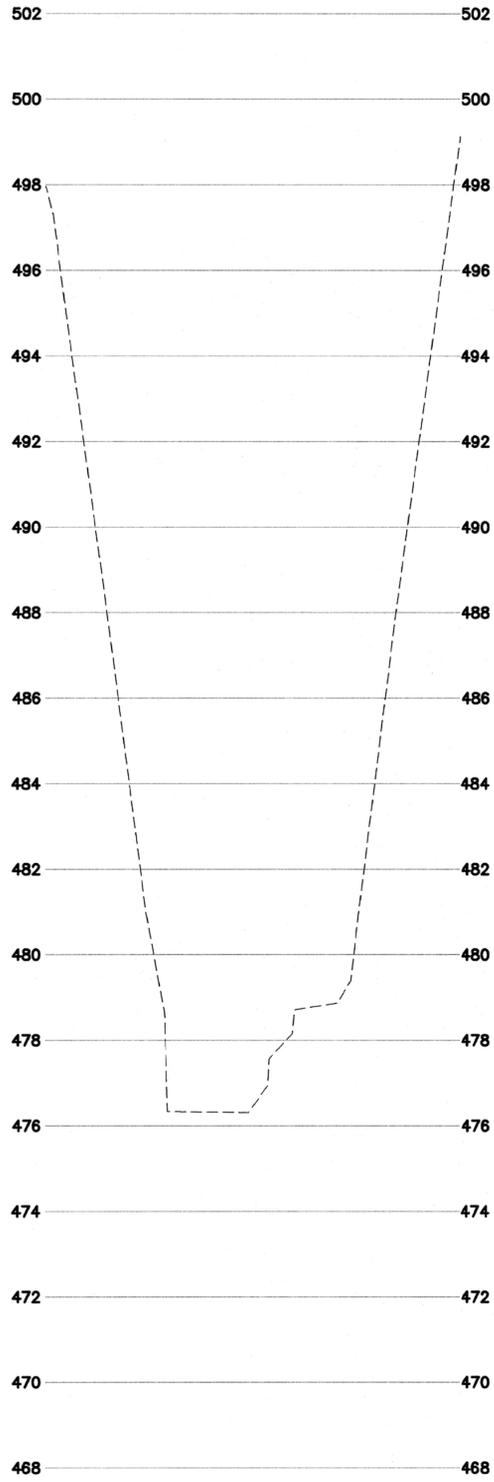
100 YR FLOOD ELEVATION

DERIVED FROM USING THE FEMA QUICK 2 FLOOD ANALYSIS PROGRAM FOR UNCLASSIFIED STREAMS.

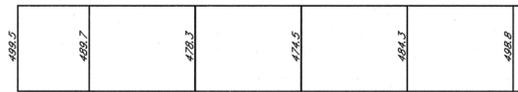
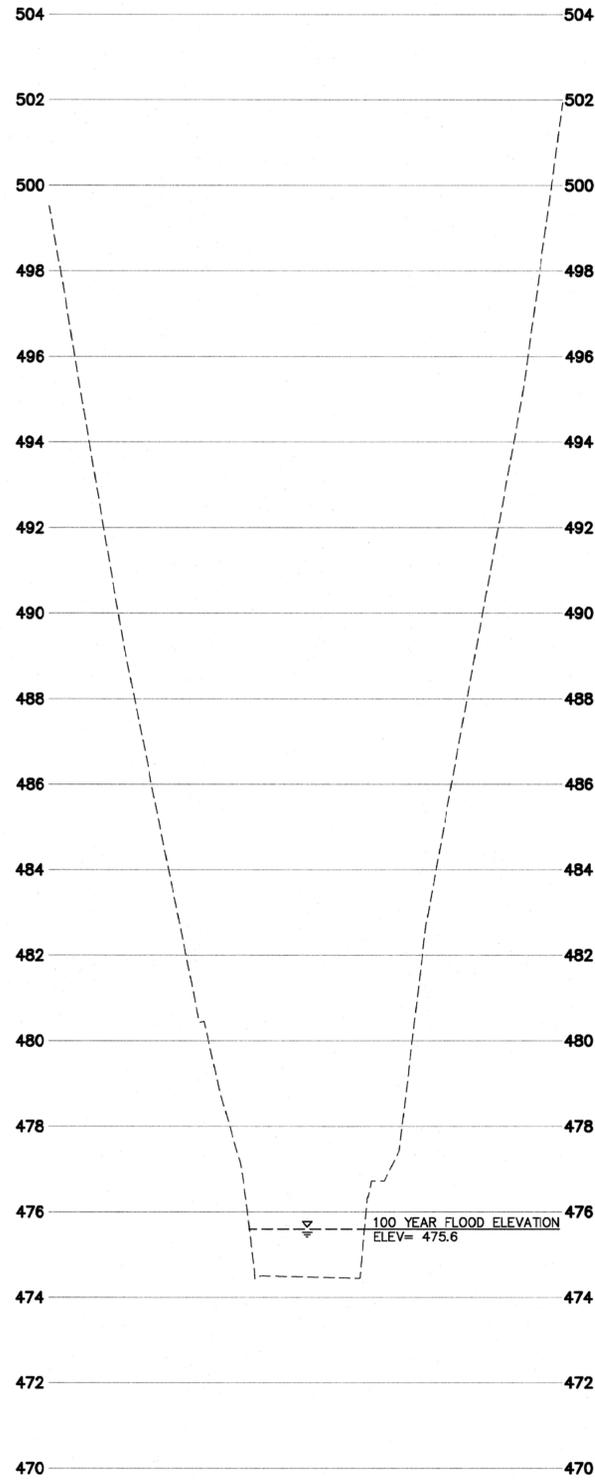


LOWER LEWIS CREEK BRIDGE CROSSING AREA

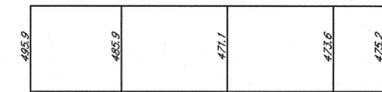
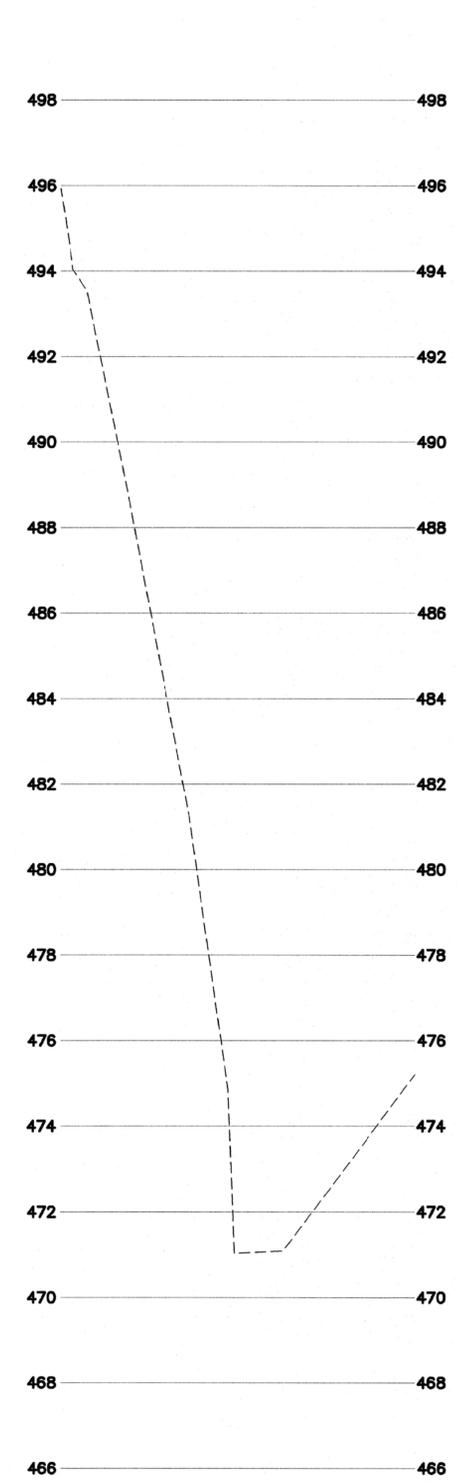
SCALE: 1"=20'



A LOWER LEWIS CREEK BRIDGE CROSSING AREA
SCALE: 1"=20' HORZ.
1"=2' VERT.



B LOWER LEWIS CREEK BRIDGE CROSSING AREA
SCALE: 1"=20' HORZ.
1"=2' VERT.



C LOWER LEWIS CREEK BRIDGE CROSSING AREA
SCALE: 1"=20' HORZ.
1"=2' VERT.

NO.	DATE	BY	APPR.	REVISIONS
12/22/09	ES	JFB		LAND USE PERMIT SUBMITTAL



BARKER LANDSCAPE ARCHITECTS, P.S.
1514 NW 52ND STREET, SEATTLE, WASHINGTON 98107
PH (206) 783-2870 FX (206) 783-3212

Approved By

Department of Parks & Community Services
Geoffrey Bradley, Project Manager
450 110 th Ave, NE
P.O. Box 900112
Bellevue, WA, 98009
tel: (425) 452.2740



ES/BLS
DESIGNED BY
ES / BLS
DRAWN BY
JFB
CHECKED BY
DATE
12/22/09
DATE
08/06/09
DATE
08/06/09
DATE

City of Bellevue
Lewis Creek Trail Replacement

LAND USE PERMIT SET

NO.	DATE	BY	REVISION
			PAPER BOUNDARY COMPUTED
			FINAL BOUNDARY COMPUTED



GROUP FOUR Inc.
Civil Engineering
Land Use Planning / Biological Sciences
1800 JUANITA WOODVILLE WAY NE BELLINGHAM, WASHINGTON 98011
(425) 775-4881 • FAX (425) 775-4884 • WWW.GROUPFOUR.COM
FOLLOWING IS A LIST OF THE ENGINEERS AND SURVEYORS WHOSE LICENSES ARE CURRENTLY IN GOOD STANDING WITH THE STATE OF WASHINGTON:

BRIDGE CROSSING TOPOGRAPHIC SURVEY AREAS FOR CITY OF BELLEVUE PARKS & COMMUNITY SERVICES DEPARTMENT WASHINGTON

SHEET	OF
1	2

09-3010

BRIDGE CROSSING TOPOGRAPHIC SURVEY I

S1

SHEET 10 of 11

