



DEVELOPMENT SERVICES
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.

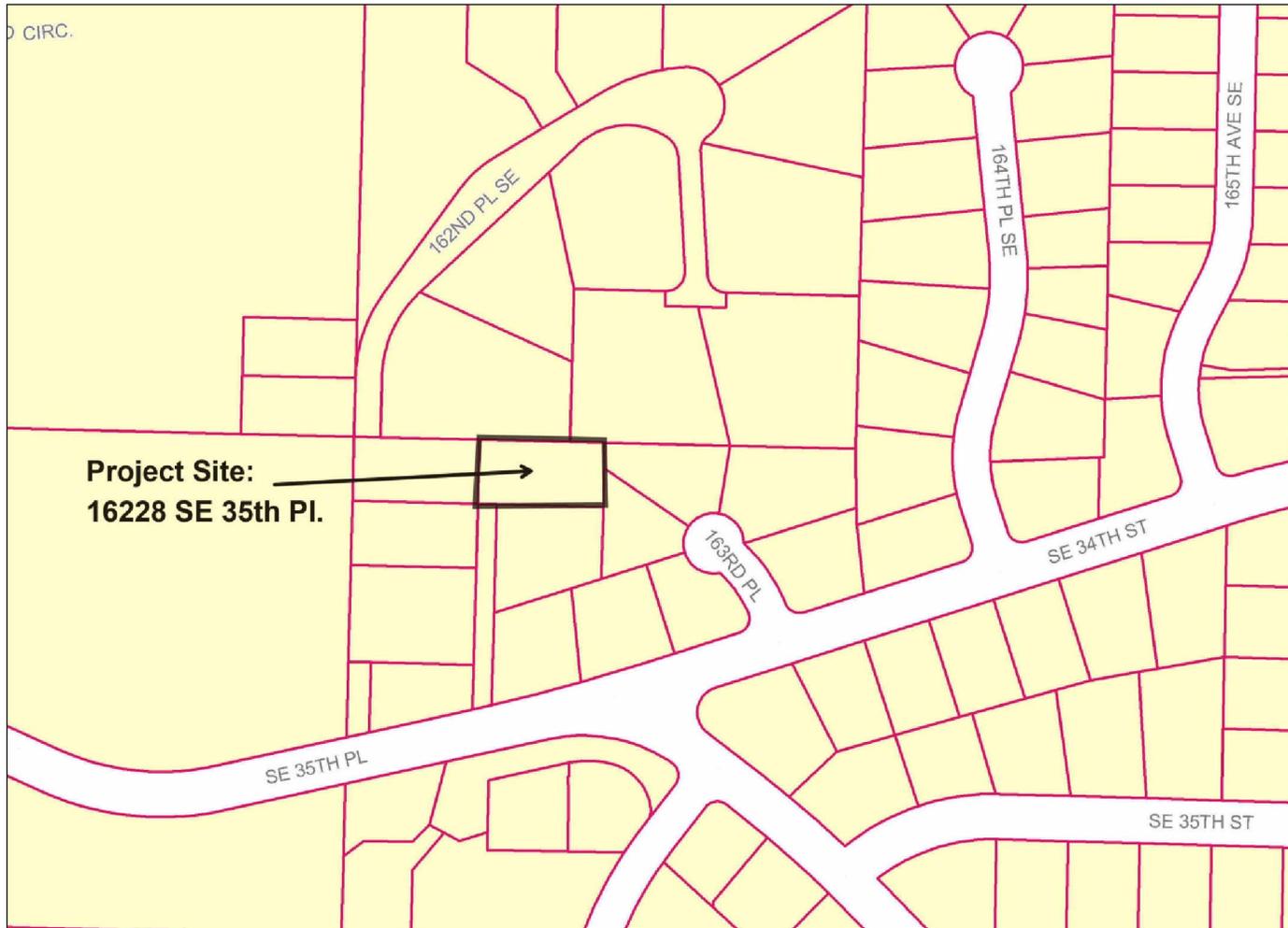
File No. 11-118692-LO
Project Name/Address: Szczepeniak Fence
16228 SE 35th Pl.
Planner: Reilly Pittman
Phone Number: 425-452-4350

Minimum Comment Period: November 24, 2011

Materials included in this Notice:

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

Szczepeniak Fence
File Number: 11-118692-LO



City of Bellevue Submittal Requirements	27a
ENVIRONMENTAL CHECKLIST	
4/18/02	
If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.	
BACKGROUND INFORMATION	
Property Owner: WITOLD SZCZEPANIAK	
Proponent: SAME AS ABOVE	
Contact Person: N/A (If different from the owner. All questions and correspondence will be directed to the individual listed.)	
Address: 16228 SE 35th PL. BELLEVUE WA 98008	
Phone: (206) 380 35 35	
Proposal Title: CALUP	
Proposal Location: 16228 SE 35th PL. BELLEVUE WA 98008 (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: TO MODIFY THE STREAM BUFFER AND STRUCTURE SETBACK TO THE PROPERTY LINE	
2. Acreage of site: 14,375 sq ft. / 0.33 acres	to construct a fence on the property line
3. Number of dwelling units/buildings to be demolished: NONE	
4. Number of dwelling units/buildings to be constructed: NONE	
5. Square footage of buildings to be demolished: NONE	
6. Square footage of buildings to be constructed: N/A	
7. Quantity of earth movement (in cubic yards): Ø	
8. Proposed land use: RESIDENTIAL	
9. Design features, including building height, number of stories and proposed exterior materials: N/A	
10. Other: N/A	

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



SEPT. / OCT. 2011

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

POSSIBLE DECK

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

DO NOT KNOW

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.

DO NOT 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.

DO NOT KNOW

Critical Areas Land Use Permit
Clearing and Grading 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
- 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

N/A

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)?

N/A

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. DO NOT KNOW /

NOT SURE - MOSTLY CLAY I THINK

- 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.

N/A

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

N/A

- 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:

N/A

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.

NONE

- 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:

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

NONE

Drainage piped via the public storm system terminates northeast of the site and open flows in a Type-N stream. The stream reenters the storm system southeast of the site. The storm system eventually leads to Vasa Creek.

appropriate, state what stream or river it flows into.

NONE

- (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.

N/A

Construction of the fence on the property line

- (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.

N/A

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

N/A

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

N/A

- (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.

NONE

b. Ground

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

N/A

- (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 - N/A

c. Water Runoff (Including storm water)

NONE

- (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.

N/A

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

NONE

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

N/A

4. Plants

WE ARE NOT REALLY FAMILIAR WITH THE PLANT NAMES
 ACCORDING TO THE BIOLOGIST, SOME OF THE NAMES FOUND WILL BE!

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

BAMBOO, ENGLISH IVY, SWORD FERN

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

THE BAMBOO AND ENGLISH IVY IS REMOVED AS SUGGESTED BY THE BIOLOGIST

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

NONE

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

PLANTED: → WESTERN RED CEDAR TREE AND TWO 2 GAL. SHRUBS
 → OREGON GRAPE AS REQUESTED

SITE PLAN - ATTACHED

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: **SQUIRRELS**

Birds: hawk, heron, eagle, songbirds, other: **- DO NOT KNOW THE NAMES OF THEM**

Mammals: deer, bear, elk, beaver, other:

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

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

c. Is the site part of a migration route? If so, explain. **NONE**

d. Proposed measures to preserve or enhance wildlife, if any: **I DO NOT KNOW**

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. **N/A**

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

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. **NONE**

(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)?

NONE

- (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.

N/A

Noise regulated by BCC 9.18

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

N/A

8. Land and Shoreline Use

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

RESIDENTIAL

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

NO

- c. Describe any structures on the site.

ONE FAMILY HOUSE

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

NONE

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

RESIDENTIAL R-5

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

I DO NOT KNOW

SF-H, Single-Family High Density

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

I DO NOT KNOW

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

I DO NOT KNOW

Stream located to the northeast

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

I DO NOT KNOW

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

I DO NOT KNOW

- 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:

NO — N/A

9. Housing

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

N/A

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

N/A

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

N/A

10. Aesthetics

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

N/A

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

N/A

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

N/A

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

N/A

- 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?

N/A

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.

N/A

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.

N/A

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

N/A

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

N/A

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

N/A

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

N/A

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

N/A

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

N/A

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

N/A

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.

N/A

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

N/A

16. Utilities

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

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

N/A

Signature

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

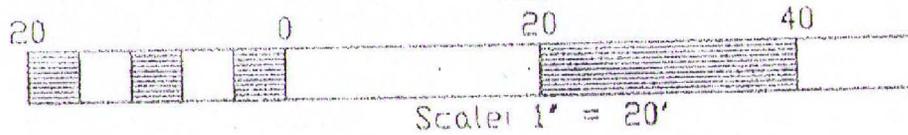
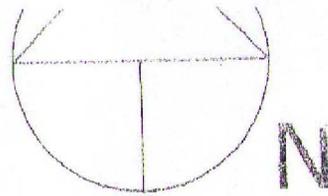
Signature.....

Date Submitted.....

SEPT - 19 - 2011

VICINITY MAP

LOT 4



Found iron bar #11033 0.02 north and 0.13 west of northeast property corner.

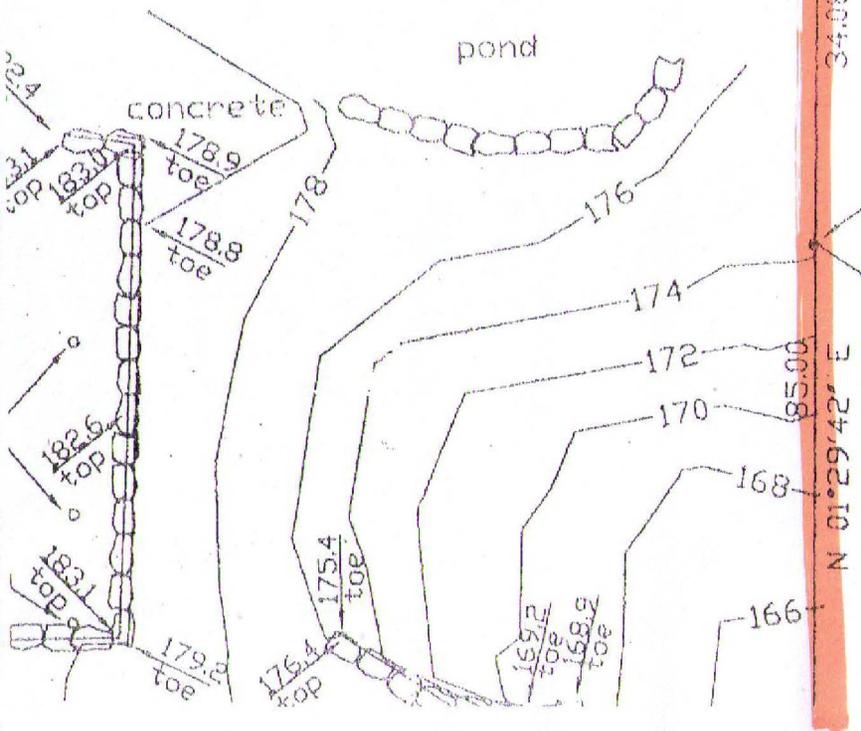
center line of 6ft. wide stream

top of bank

pond

LOT 4

Found iron bar #11033 34.19 south and 0.16 west of northeast property corner.

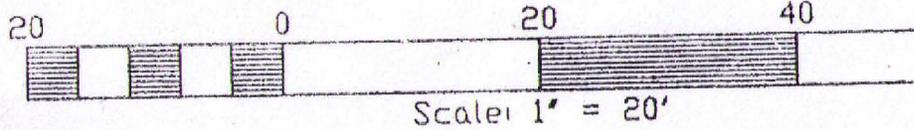
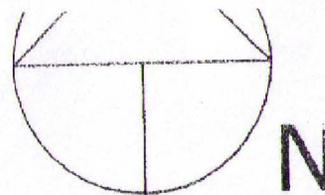


HEATHFIELD COURT ESTATES NO. 2

VOL. 63, P. 20

JE

LOT 4



O → RED CEDAR
X → OREGON GRAPE

SITE PLAN OF THE PLANTING
THE NATIVE PLANTS

Found Iron bar #11033 0.02 north and 0.13 west of northeast property corner.

center line of 6ft. wide stream

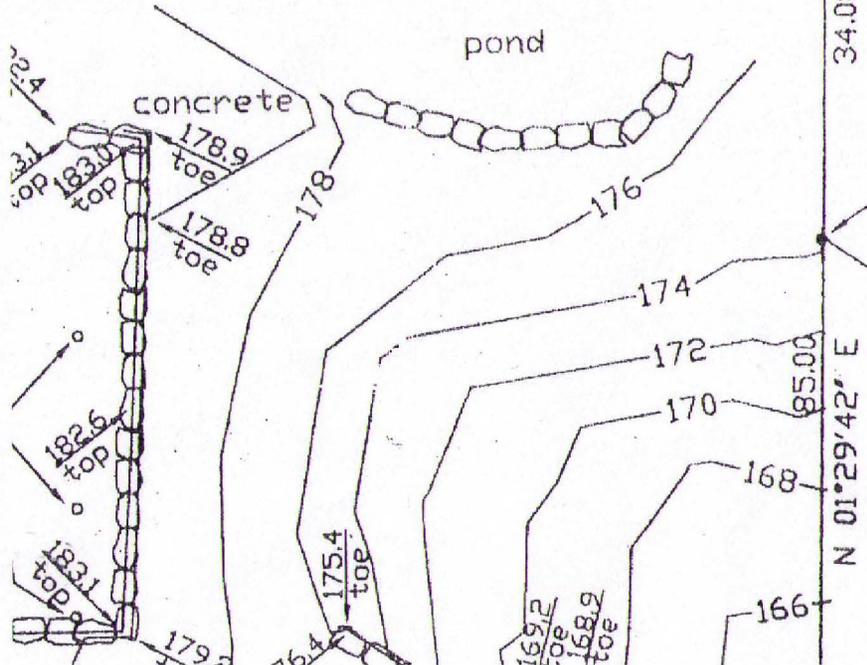
top of bank

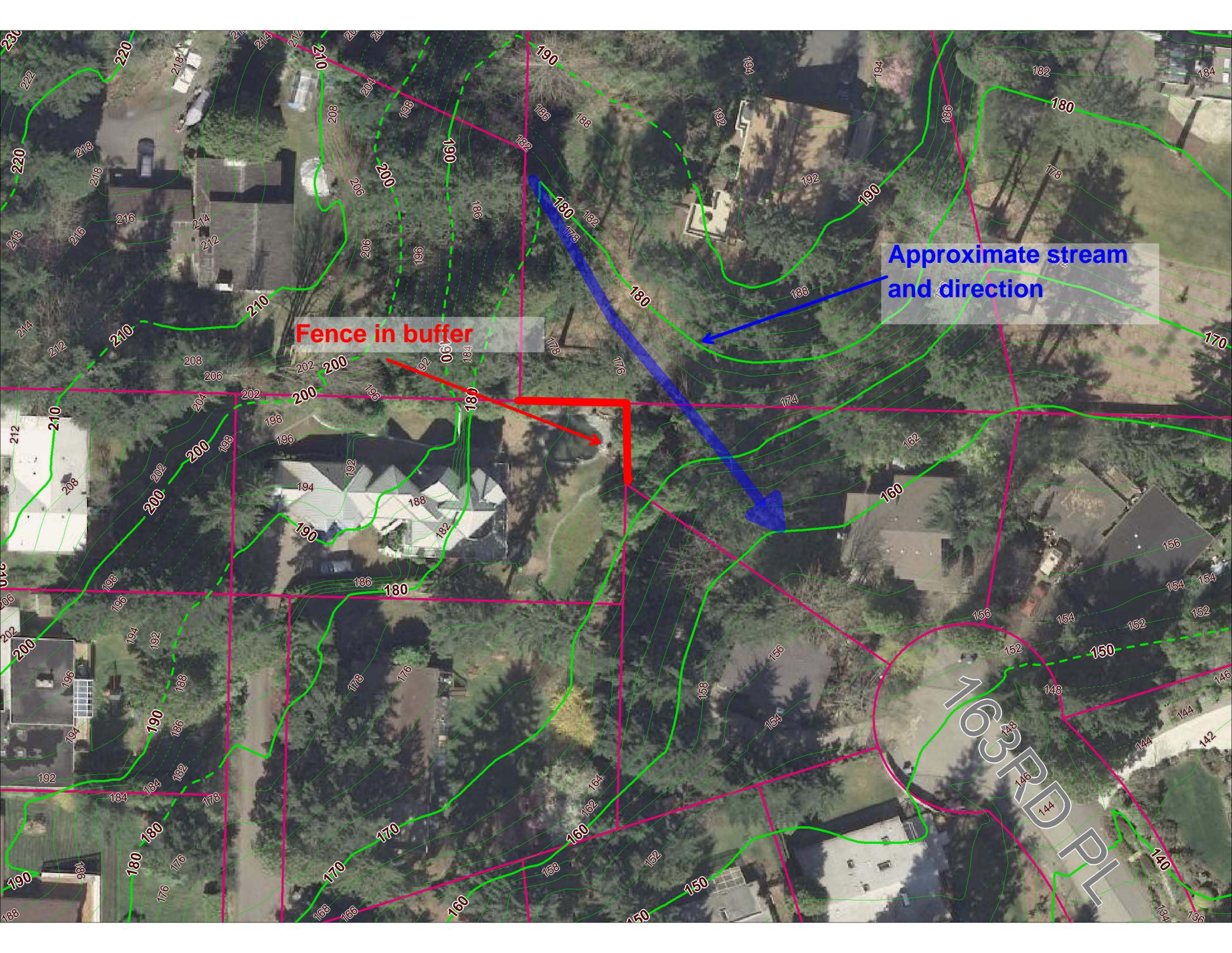
LOT 4

Found Iron bar #11033 34.19 south and 0.16 west of northeast property corner.

HEATHFIELD COURT
ESTATES NO. 2

VOL. 63, P. 20





Approximate stream and direction

Fence in buffer



DAVID EVANS
AND ASSOCIATES INC.

MEMORANDUM

DATE: September 19, 2011
TO: Wiltod Szczepaniak
16228 SE 35th PL
Bellevue, WA 98008
FROM: Scott Swarts
SUBJECT: Stream Investigation
PROJECT: Buffer Reduction Analysis
COPIES: Project File

David Evans and Associates, Inc. (DEA) has performed a fish and wildlife habitat investigation for Mr. Szczepaniak. The purpose of this investigation was to document existing habitat conditions, and how or if installation of a fence and reduction of the stream buffer and structure setback on his property would impact fish and wildlife. The subject site is located on Parcel Number 1124059042 or Section 11, Range 5 East, Township 24 North, within the City of Bellevue, Washington. The methods and findings are described below.

METHODS

Methods used for this investigation include: A) preliminary resource review, and B) on-site visit.

A) Preliminary Resource Review

A review of existing resource information was conducted for the site vicinity. Resource information reviewed includes:

- Washington Department of Natural Resources (WDNR) – Natural Heritage Program (NHP) data (2010): <http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf>
- WDNR – NHP Geographic Information System (GIS) data. Available at: <http://www1.dnr.wa.gov/nhp/refdesk/gis/index.html>
- National Wetlands Inventory (NWI) Online Mapper, U.S. Fish and Wildlife Service (USFWS): <http://www.fws.gov/wetlands/Data/mapper.html>
- Sensitive Areas Map Folio, King County, Washington. December, 1990
- United States Geological Survey (USGS) mapping via National Geographic TOPO mapping software
- City of Bellevue – Sensitive Areas Notebook. April, 1987

- Salmon and Steelhead Habitat Limiting Factors Report for the CEDAR – SAMMAMISH BASIN (Water Resource Inventory Area 8). Washington Conservation Commission. September, 2001
- A Catalog of Washington Streams and Salmon Utilization - Volume 1: Puget Sound Region. Washington Department of Fisheries. November, 1975.
- City of Bellevue Stream Typing Inventory. May, 2009.
- City of Bellevue – Vasa Creek Basin spreadsheet. Available at: <http://www.cityofbellevue.org/pdf/IT/vasa2.pdf>
- United States Department of Agriculture (USDA) – Natural Resources Conservation Service (NRCS): Web Soil Survey. Available at: <http://websoilsurvey.nrcs.usda.gov/app/>
- King County iMap Interactive Mapping Tool. Available at: <http://www.kingcounty.gov/operations/gis/Maps/iMAP.aspx>

B) On-site Investigation

On September 3, 2011, a DEA biologist inspected the site to document existing environmental conditions at the project site. The purpose of the site investigation was to document stream type, buffer conditions, and overall wildlife habitat conditions on and immediately adjacent to the subject site.

FINDINGS

No streams are documented in the project vicinity based on a review of the King County iMap interactive mapping tool, City of Bellevue Sensitive Areas Notebook, King County Map Folio, USGS quadrangle map, Catalog of Washington Streams and Salmon Utilization, City of Bellevue Stream Typing Inventory, or City of Bellevue - Vasa Creek Basin spreadsheet. The closest mapped stream is Vasa Creek (08-0156), which is an approximately 2.4-mile-long tributary to Lake Sammamish that is reported to support cutthroat trout (*Oncorhynchus clarki*), late run kokanee (*O. nerka*), coho salmon (*O. kisutch*), and sockeye (*O. nerka*) salmon.

Based on the initial correspondence with the City of Bellevue, landowner, and subsequent site visit, a Type Np stream is located near the northeast corner of the site. It is off-site, flows generally southeast, and is likely tributary to Vasa Creek.

Habitat conditions of the buffer are variable. There is a forested corridor along the immediate stream channel that abuts residential developments and is bisected by various roads. Within the immediate vicinity of the fence, the forested corridor is composed primarily of western red-cedar (*Thuja plicata*), big-leaf maple (*Acer macrophyllum*), Douglas fir (*Pseudotsuga menziesii*), beaked hazelnut (*Corylus cornuta*), red elderberry (*Sambucus racemosa*), salmonberry (*Rubus spectabilis*), Oregon grape (*Mahonia nervosa*), salal (*Gaultheria shallon*), trailing blackberry (*Rubus ursinus*), field horsetail (*Equisetum arvense*), sword fern (*Polystichum munitum*), piggy-back plant (*Tolmiea menziesii*), and strawberry (*Fragaria* sp.). Several nonnative plants are also present, including Himalayan blackberry

(*Rubus armeniacus*), evergreen blackberry (*Rubus laciniatus*), bamboo (*Bambusa* sp.), English ivy (*Hedera helix*), and a few weeds. Within the subject parcel, a few native species are present including western red-cedar and sword fern, but the predominance of the area is composed of lawn grasses, white clover (*Trifolium repens*), creeping buttercup (*Ranunculus repens*), weeds, and ornamental species. A constructed pond and retaining walls are also present in the back yard of the subject parcel.

A fence was historically located along sections of the parcel boundary, but was recently extended along portions of the north, east, and southern edges. The portion of the fence within the stream buffer is limited to a small section in the northeast corner of the parcel. As previously noted the stream is a Type Np waterbody. Since this is a developed site, originally constructed in 1990, the buffer width is 25 feet. Based on field measurements, the closest point the new section of fence was constructed to the top-of-bank of the stream is approximately 11.1 feet, which is the immediate vicinity of a stake that identifies the northeast corner of the parcel.

The new section of fence was constructed along the property edge, which had previously been cleared during construction of the home. Installation of the new section of fence did not result in clearing of native vegetation within the stream buffer. The section of new fence within the stream buffer follows the parcel edge and general area demarking forested corridor and residential back yard.

The fence or reduction of the standard structure setback will not negatively alter the movement of wildlife that are reasonably anticipated to occur in the immediate vicinity. Numerous species of small birds and small mammals can be expected to use the general vicinity for nesting, foraging, refuge, or during annual migration. However, the most abundant species that regularly utilize the forested corridor and residential yards are small birds such as the black-capped chickadee (*Parus atricapillus*), dark-eyed junco (*Junco hyemalis*), American robin (*Turdus migratorius*), spotted towhee (*Pipilo maculatus*), song sparrow (*Melospiza melodia*), ruby-crowned kinglet (*Regulus calendula*), house wren (*Troglodytes aedon*), American crow (*Corvus brachyrhynchos*), and stellar's jay (*Cyanocitta stelleris*). These species will not be adversely impacted by the additional section of fence. Mammals that are reasonably anticipated to occur in the immediate vicinity include both native and non-native species. Non-native species include eastern cottontail rabbit (*Sylvilagus floridanus*) and eastern gray squirrel (*Sciurus carolinensis*). Native species include shrews, voles, mice, bats, Douglas' squirrel (*Tamiasciurus douglasii*), and raccoon (*Procyon lotor*). These species would not be negatively impacted by the new section of fence. Large mammals have generally been extirpated from the general vicinity but may occasionally move through the area. However, the presence of a new section of fence would not alter their abundance or movement since they would likely, for the most part, stay within the forested corridor. The fence would reduce their ability to access the yard but would not impede movement through the forested corridor.

The new section of fence would have some beneficial effects in that it would reduce both light and noise emanating from the subject parcel from penetrating into the forested corridor. It would also reduce human and pet intrusions, which are likely the most significant on-going impact occurring at present.

As part of the buffer reduction process, the proposal includes installing one native tree and two native shrubs. Recommended trees include either western red-cedar or Douglas fir. Both of these species would likely do well within the buffer. Oregon grape would be a good choice for a shrub since they are already present and would also likely do well. Furthermore, the removal of the bamboo and English ivy would

be beneficial. Although the removal of the Himalayan and evergreen blackberry would also be beneficial, care must be taken to not remove the salmonberry or trailing blackberry, which are both native and can be confused with the undesirable non-native species.

CONCLUSIONS

The new section of fence was constructed along the property edge, which had previously been cleared during construction of the home. Installation of the fence did not result in clearing of native vegetation within the stream buffer. The section of new fence within the stream buffer follows the parcel edge that generally defines the edge between the forested corridor and residential back yard. The presence of the fence does not negatively impact wildlife or stream functions. Should Mr. Szczepaniak pursue and the City of Bellevue approve stream buffer and structure setback reduction, this action would not result in the degradation of fish and wildlife habitat. The approval of a reduced buffer and fence as currently installed is also consistent with City of Bellevue regulations in that section 20.25H.090 states "A stream critical area buffer shall not be modified below the widths set forth in this section, measured from the top-of-bank: Type N waters = 10 feet". Since the fence as currently installed is approximately 11.1 feet from the top-of-bank as measured in the field during the site visit, the location of the fence meets the intent of the code as referenced. Furthermore, reduction of the standard structure setback would not impact wildlife as the area currently defined as structure setback is within maintained yard dominated by mowed grasses and introduced/ornamental species. Therefore, reducing or eliminating the structure setback within the established yard for purposes of constructing a patio would also not negatively impact fish, wildlife, or fish and wildlife habitat.

Thank you for the opportunity to assist you in your project planning. We hope you have found our results both useful and informative. Please do not hesitate to call me with any questions regarding our findings.