Washington State Higher Education
Coordinating Board
917 Lakeridge Way
Olympia, Washington 98504-3430

Gentlemen:
Enclosed for your signature are Department of the Army permit forms for work described in the referenced public notice.

Please sign and date both forms and return them to us with your check in the amount indicated below. The check should be made payable to the FAO, USAED, Portland (Seattle). Your copy of the fully executed permit will then be returned to you. The signed permit forms must be returned to us within 90 days of this letter or your application will be cancelled.

You cannot modify these permit forms or their accompanying drawings. By signing the forms you will be indicating your acceptance of all the permit's general and special conditions. Please read them carefully.

You can begin the work authorized by this permit only after you have received your copy of the fully executed permit form.

Sincerely,

Thomas F. Mueller
Chief, Regulatory Branch

Enclosures
1. Permit (dupe)
2. Envelope
3. Agency Letter(s)  Conditional

Fee  None

$10

$100

NPS FL 1145-2 (Replaces NPS FL 109)
Washington State Higher Education  
Coordinating Board  
ATTN: Mr. James Reed  
917 Lakeridge Way  
Olympia, Washington  98504-3430  

Reference: 95-4-01737  
WA ST HECB  

Dear Mr. Reed:

Enclosed is a Department of the Army permit which authorizes performance of the work described in your referenced application.

You are cautioned that any change in the location or plans of the work will require submittal of a revised plan to this office for approval prior to accomplishment. Deviation from approved plans may result in imposition of criminal or civil penalties.

Your attention is drawn to General Condition 1 of the permit which specifies the expiration date for completion of the work. You are requested to notify this office of the date the work is completed.

Sincerely,

[Signature]  
Thomas F. Mueller  
Chief, Regulatory Branch

Enclosures
Certification of Compliance with Department of the Army Permit

Permit Number: 95-4-01737

Name of Permittee: WA ST HIGHER EDUCATION COORDINATING BOARD

Date of Issuance: JUL 16 1996

Upon completion of the activity authorized by this permit, sign this certification and return it to the following address:

Department of the Army
Seattle District, Corps of Engineers
Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-2255

Please note that your permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit.

______________________________
Signature of Permittee
DEPARTMENT OF THE ARMY PERMIT

Permittee: WA ST Higher Education Coordinating Board
Permit No: 95-4-01737
Issuing Office: Seattle District

HECB
917 Lakeridge Way
Olympia, Washington 98504

Note: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: Place fill into 4.62 acres of wetlands and 1.63 acres of other waters of the U.S. for campus development; and excavate, grade, and fill 13.55 acres of wetlands and 4.97 acres of other waters of the U.S. for proposed mitigation that would result in creation and enhancement of 58 acres of wetland and riparian area in accordance with the plans and drawings attached hereto which are incorporated in and made a part of this permit. (Construct a collocated campus facility).

Project Location: In North Creek and wetlands at Bothell, Washington.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on JUL 16 1999. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least 1 month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in accordance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification to this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

a. You must provide a copy of the permit transmittal letter, the permit form, and drawings to all contractors performing any of the authorized work.

b. You must comply with the conditions of the provisional and any subsequently issued final Water Quality Certification.

c. The mitigation and monitoring plan titled: Final Mitigation and Monitoring Plan: University of Washington - Bothell, Cascadia Community College Collocated Campus, dated July 12, 1996, must be implemented. The first monitoring report is due in the Seattle District Corps of Engineers Regulatory Branch 13 months after the Corps of Engineers approves the as-built drawings. All other monitoring reports (years 2, 3, 5, 7, 10) will be due on that established anniversary date.

d. A copy of final construction grade drawings of the mitigation site shall be approved by the Corps prior to commencement of construction activities in the mitigation area. The final construction grade drawings shall include detailed grading plans, proposed stream channel profiles, and planting details.

e. The start of project construction will be reported to the Corps of Engineers. A status report will be submitted to the Corps within 13 months of the date of issuance of the permit then annually until the "As Built Report" has been submitted. The "As Built Report" will be due 30 days from the completion of the ground construction and planting and must be submitted to the Corps of Engineers, and the Wetlands Section of the Washington State Department of Ecology.

f. The North Creek and wetland restoration areas created as mitigation for work authorized by this permit shall not be made the subject of a future individual or general Department of the Army permit application for fill or other development, except for the purposes of enhancing or restoring the mitigation associated with this project. In addition, a description of the mitigation area identified in the final mitigation plan as approved, and any subsequent permit mitigation area revisions, will be recorded with the Registrar of Deeds or other appropriate official charged with the responsibility for maintaining records to or interest in real property. Proof of this documentation must be provided to the Corps of Engineers, Seattle District no later than 60 days after the date of permit issuance.

g. You must implement the terms and agreements outlined in the Memorandum of Agreement dated July 5, 1996, in accordance with Section 106 of the National Historic Preservation Act.

h. Logs serving as secondary walkways shall be placed so that they shall not result in closed depressions that have potential to trap fish during flood.

i. The stormwater system design shall comply with the King County Surface Water Design Manual. Stormwater runoff from the site shall be routed through biofiltration facilities prior to discharge into the mitigation area.

j. Flowing water shall be present in the proposed North Creek channel continuously throughout the year after construction of the mitigation area.
k. Boardwalks and secondary walkways shall be constructed on non-treated wood, plastic, metal, or concrete pilings.

1. All treated lumber used for the boardwalks shall be dry, well cured, and free from visible residue of treatment chemicals prior to use in or near the mitigation area.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

   ( ) Section 10 of the Rivers and Harbor Act of 1899 (33 U.S.C. 403).

   (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

   ( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C 1413).

2. Limits of this authorization.

   a. This permit does not obviate the need to obtain other Federal, State, or local authorization required by law.

   b. This permit does not grant any property rights or exclusive privileges.

   c. This permit does not authorize any injury to the property or rights of others.

   d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

   a. Damages to the permitted project or uses thereof as a result of other permitted activities or from natural causes.

   b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

   c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

   d. Design or construction deficiencies associated with the permitted work.

   e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require include, but are not limited to, the following:
a. You fail to comply with the terms and conditions of the permit.

b. The information provided by you in support of your application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 325.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

[Signature]
[Signature]
WA ST Higher Education Coordinating Board

July 16, 1996

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

[Signature]
[Signature]
DONALD T. WYNN
Colonel, Corps of Engineers
District Engineer

July 16, 1996

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

[TRANSFEEER]

[DATE]
Figure 1. Proposed Campus Site Location

UW-B/CCC Project Site

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: Sheets 3-6

PROPOSED CAMPUS SITE LOCATION
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 1 of 33 8/14/95
Figure 3. Map with Key to Adjacent Property Owners

NUMBERS REFER TO ADJACENT PROPERTY OWNERS LISTED ON SHEETS 4-6.

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: Sheets 3-6

PROJECT SITE AND ADJACENT PROPERTY OWNERS
Application by: Washington State Higher Education Coordinating Board
Location: I-405 & SR 522, Bothell, King County, WA
Sheet 3 of 33
8/14/95
Figure 4. List of Adjacent Property Owners

1. Donald E. Cain
   19121 112th NE
   Bothell, WA  98011

2. Bothell Investors
   16 W. Harrison St.
   Seattle, WA  98119

3. James & Elizabeth Cole
   19017 Beardslee Blvd
   Bothell, WA  98011

4. Gary R. Holcomb
   18829 Beardslee Blvd.
   Bothell, WA  98011

5. Gary R. Holcomb
   18829 Beardslee Blvd.
   Bothell, WA  98011

6. Gary R. Holcomb
   18829 Beardslee Blvd.
   Bothell, WA  98011

7. James L. Laugen
   18827 Beardslee Blvd.
   Bothell, WA  98011

8. Christian Ele
   17428 93rd Ave. NE
   Bothell, WA  98011

9. Daniel S. Bulstrode
   18819 Beardslee Blvd.
   Bothell, WA  98011

10. Beverly J. Lancaster
    PO Box 1145
    Bothell, WA  98041

11. Beverly J. Lancaster
    PO Box 1145
    Bothell, WA  98041

12. John E. Cashman
    21637 SE 8th
    Redmond, WA  98053

13. Beardslee Cove
    New Ventures Prop Mgmt
    2109 Auburn Way N  #F
    Auburn, WA  98002

14. Franciscan Eldercare Corp.
    Attn: Carol Delaney
    One Macintyre Dr.
    Aston, PA  19014

15. Gordon & Janelle Loewen
    10828 NE 183rd Cr.
    Bothell, WA  98011

16. Michael & Mary Segawa
    10829 NE 183rd Ct.
    Bothell, WA  98011

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: Sheets 3-6
Figure 5. List of Adjacent Property Owners (continued)

17. Joseph & Sandra Merceri  
   10827 NE 183rd Cr.  
   Bothell, WA 98011

18. John & Katherine Johnson  
   10824 NE 182nd Ct.  
   Bothell, WA 98011

19. James & Dyane White  
   10828 NE 182nd Ct.  
   Bothell, WA 98011

20. Stephen & Parvin Pemberton  
   10825 NE 182nd Ct.  
   Bothell, WA 98011

21. Gary & Beth Silville  
   10821 NE 182nd Ct.  
   Bothell, WA 98011

22. City of Bothell  
   18305 101st Ave. NE  
   Bothell, WA 98011

23. Timothy Rogers  
   10919 Valley View Dr.  
   Bothell, WA 98011

24. Roy Dunann  
   10911 Valley View Dr.  
   Bothell, WA 98011

25. Billy Dalziel  
   10929 Valley View St.  
   Bothell, WA 98011

26. James Wharton  
   11004 Sylvan Dr.  
   Bothell, WA 98011

27. A Ch Gavel Adams  
   11030 Sylvan Dr.  
   Bothell, WA 98011

28. New parcel no owner listed

29. King County  
   Real Property Div.  
   500A King County Admin Bldg  
   Seattle, WA 98104

30. Richard Truly  
   11119 NE 185th  
   Bothell, WA 98011

31. King County  
   Real Property Div.  
   500A King County Admin Bldg  
   Seattle, WA 98104

32. Mellon/McMahan RE Adv Inc.  
   11711 North Creek Parkway  
   Bothell, WA 98011
Figure 6. List of Adjacent Property Owners (continued)

33. Allstate Ins. Co.
    18911 North Creek Parkway
    Bothell, WA 98011

34. Allstate Ins. Co.
    18911 North Creek Parkway
    Bothell, WA 98011

35. Allstate Ins. Co.
    18911 North Creek Parkway
    Bothell, WA 98011

    19125 North Creek Parkway
    Bothell, WA 98011

37. 195th St. Investment Pro
    11119 185th
    Bothell, WA 98011

38. Gerald & Carol Molitor
    9160 NE 25th Place
    Bellevue, WA 98004
Figure 7. Location of Alternative HECB Sites

Approximate Scale: 1" = 1.8 miles

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

LOCATION OF ALTERNATIVE HECB SITES
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 7 of 33
8/14/95
Figure 8. Geographic Extent of Waters of the U.S., Including Wetlands, Sheet A

GUIDE TO SHEETS

LEGEND

- Other Waters of the U.S.
- Wetlands
- Wetlands

NOTE: "Loops" are notation for specific surveyed wetlands and waters of the U.S.

SEE SHEET 13 FOR TABLE OF AREAS OF WATERS OF THE U.S., INCLUDING WETLANDS

NOTE: The two patterns indicating delineated wetlands indicates wetlands that were delineated by different consultants and does not imply different wetland types, functions, or values.

MATCHLINE TO SHEET B 1 MATCHLINE TO SHEET C

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: Sheets 3-6

GEOGRAPHIC EXTENT OF WATERS OF THE U.S., INCLUDING WETLANDS, SHEET A
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Figure 9. Geographic Extent of Waters of the U.S., Including Wetlands, Sheet B

NOTE: "Loops" are notation for specific surveyed wetlands and waters of the U.S.
SEE SHEET 13 FOR TABLE OF AREAS OF WATERS OF THE U.S., INCLUDING WETLANDS

NOTE: The two patterns indicating delineated wetlands indicates wetlands that were delineated by different consultants and does not imply different wetland types, functions, or values.
Figure 10. Geographic Extent of Waters of the U.S., Including Wetlands, Sheet C

MATCHLINE TO SHEET A

NORTH SCALE 1" = 200'

SEE SHEET 13 FOR TABLE OF AREAS OF WATERS OF THE U.S., INCLUDING WETLANDS

NOTE: "Loops" are notation for specific surveyed wetlands and waters of the U.S.

LEGEND
- Other Waters of the U.S.
- WETLANDS
- WETLANDS

NOTE: The two patterns indicating delineated wetlands indicate wetlands that were delineated by different consultants and does not imply different wetland types, functions, or values.

MATCHLINE TO SHEET E

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: Sheets 3-6

GEOGRAPHIC EXTENT OF WATERS OF THE U.S., INCLUDING WETLANDS, SHEET C
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 10 of 33 8/14/95
Figure 11. Geographic Extent of Waters of the U.S., Including Wetlands, Sheet D

MATCHLINE TO SHEET B

LEGEND

Other Waters of the U.S.

WETLANDS

WETLANDS

NOTE: The two patterns indicating delineated wetlands indicates wetlands that were delineated by different consultants and does not imply different wetland types, functions, or values.

GUIDE TO SHEETS

SEE SHEET 13 FOR TABLE OF AREAS OF WATERS OF THE U.S., INCLUDING WETLANDS

NORTH
SCALE 1" = 200'

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: Sheets 3-6

GEOGRAPHIC EXTENT OF WATERS OF THE U.S., INCLUDING WETLANDS, SHEET D
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 11 of 33 8/14/95
NOTE: The two patterns indicating delineated wetlands indicates wetlands that were delineated by different consultants and does not imply different wetland types, functions, or values.

LEGEND

- Other Waters of the U.S.
- WETLANDS
- WETLANDS

NOTE: 'Loops' are notation for specific surveyed wetlands and waters of the U.S.

SEE SHEET 13 FOR TABLE OF AREAS OF WATERS OF THE U.S., INCLUDING WETLANDS

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: Sheets 3-6

GEOGRAPHIC EXTENT OF WATERS OF THE U.S., INCLUDING WETLANDS, SHEET E
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 12 of 33
8/14/95
**Figure 13. Table of Areas of Waters of the U.S., Including Wetlands, 1987 Federal Delineation Protocol**

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<th>S.F.</th>
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<th>LOOP #</th>
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<td>11,014.60</td>
<td>0.253</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>LOOP 98</td>
<td>2,348.02</td>
<td>0.054</td>
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<tr>
<td>LOOP 99</td>
<td>2,143.46</td>
<td>0.049</td>
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<tr>
<td>LOOP 100</td>
<td>3,598.12</td>
<td>0.083</td>
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<tr>
<td>LOOP 102</td>
<td>1,918.62</td>
<td>0.044</td>
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<tr>
<td>LOOP 104</td>
<td>17,226.05</td>
<td>0.396</td>
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<tr>
<td>LOOP 105</td>
<td>14,845.64</td>
<td>0.341</td>
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<tr>
<td>LOOP 106</td>
<td>13,315.60</td>
<td>0.306</td>
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<tr>
<td>LOOP 110</td>
<td>4,584.33</td>
<td>0.103</td>
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<tr>
<td>LOOP 111</td>
<td>1,515.60</td>
<td>0.035</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOOP 118</td>
<td>333.03</td>
<td>0.008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOOP 119</td>
<td>413.29</td>
<td>0.010</td>
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<td></td>
</tr>
<tr>
<td>TOTALS:</td>
<td>95,091.89</td>
<td>2.182</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PLEASE NOTE:**

1) "WATERS OF THE U.S." ARE DEFINED USING DEFINITIONS PROVIDED AT 33 CFR 328.3 (a)(1-8).

2.) WETLANDS ARE DEFINED USING DEFINITIONS PROVIDED AT 33 CFR 328.3(b) AND CONSISTENT WITH FEDERAL DELINEATION DETAILS PROVIDED IN THE 1987 U.S. ARMY CORPS OF ENGINEERS WETLAND DELINEATION MANUAL. (ENVIRONMENTAL LABORATORY, 1987).


---

**Table of Areas of Waters of the U.S., Delineated by 1987 Rules**

- **Application by:** Washington State Higher Education Coordinating Board
- **Location:** I-405 & SR 522, Bothell, King County, WA
- **Date:** 8/14/95
Figure 14. Preferred Alternative, Proposed Plan View of the UW-B/CCC Collocated Campus and Wetland Restoration

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

PROPOSED PLAN VIEW OF THE UW-B/CCC COLLOCATED CAMPUS AND WETLAND RESTORATION
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 14 of 33
8/14/95
Figure 15. Phases for Construction of the UW-B/CCC Collocated Campus and Wetland Restoration

<table>
<thead>
<tr>
<th>Phase</th>
<th>Proposed for Construction</th>
</tr>
</thead>
</table>
| PHASE I, to be completed by 1999 | 1. Full environmental restoration, including returning North Creek to its floodplain  
2. Construction of two buildings totalling 214,000 gross square feet  
3. Construction of 1300 surface parking spaces  
4. Construction of Phase I access from Beardslee Boulevard  
5. Construction of campus road from Beardslee Boulevard to NE 185th Street |
| PHASE II | 1. Construction buildings totalling 412,950 gross square feet  
2. Construction of structures containing 2100 parking spaces  
3. Construction of the primary site access road from State Route 522 into the campus |
| PHASE III | 1. Construction of building totalling 518,850 gross square feet  
2. Construction of structures containing 2100 parking spaces |
Figure 16. Impacts to Waters of the U.S., Including Wetlands, from Proposed Campus and Wetland Mitigation, Sheet A

GUIDE TO SHEETS

NORTH
SCALE 1" = 200'

IMPACTED BY
CONSTRUCTION

IMPACTED BY
RESTORATION

Pedestrian/Bicycle Overpass
Connection to North Creek Trail

MATCHLINE TO SHEET B

 MATCHLINE TO SHEET C

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus
for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

IMPARTS TO WATERS/WETLANDS FROM
PROPOSED CAMPUS AND WETLAND
MITIGATION, SHEET A
Application by: Washington State Higher Education
Coordinating Board
Location: I-405 & SR 522 Bothell, King County, WA
Figure 17. Impacts to Waters of the U.S., Including Wetlands, from Proposed Campus and Wetland Mitigation, Sheet B
Figure 18. Impacts to Waters of the U.S., Including Wetlands, from Proposed Campus and Wetland Mitigation, Sheet C

IMPACTED BY CONSTRUCTION

GUIDE TO SHEETS

IMPACTED BY RESTORATION

NORTH
SCALE 1" = 200'

Existing Metro Sewer Line

Pedestrian Boardwalk

MATCHLINE TO SHEET A

MATCHLINE TO SHEET B

MATCHLINE TO SHEET E

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

IMPACTS TO WATERS/WETLANDS FROM PROPOSED CAMPUS AND WETLAND MITIGATION, SHEET C
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Figure 20. Impacts to Waters of the U.S., Including Wetlands, from Proposed Campus and Wetland Mitigation, Sheet E

MATCHLINE TO SHEET C

Pedestrian Boardwalk

MATCHLINE TO SHEET D

IMPACTED BY CONSTRUCTION

IMPACTED BY RESTORATION

NORTH
SCALE 1" = 200'

GUIDE TO SHEETS

IMPACTS TO WATERS/WETLANDS FROM PROPOSED CAMPUS AND WETLAND MITIGATION, SHEET E

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

Application by: Washington State Higher Education Coordinating Board
Location: 1405 & SR 522, Bothell, King County, WA
Sheet 20 of 33
Figure 21. Mitigation Plan, Grading Plan, Sheet A

GUIDE TO SHEETS

NORTH
SCALE 1" = 200'

MITIGATION AREA
BOUNDARY

Contour interval:
1' below elev. 24'
2' above elev. 24'

MATCHLINE TO SHEET B
MATCHLINE TO SHEET C

LOW BOARDWALK
TYPICAL LOG

PROPOSED: To Construct College Campus
Purpose: To provide a Collocated Campus
for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

MITIGATION PLAN: GRADING PLAN, SHEET A
Application by: Washington State Higher Education
Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 21 of 33
8/14/95
Figure 22. Mitigation Plan, Grading Plan, Sheet B

GUIDE TO SHEETS

MATCHLINE TO SHEET A

MATCHLINE TO SHEET C

MATCHLINE TO SHEET D

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus
for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

MITIGATION PLAN: GRADING PLAN, SHEET B
Application by: Washington State Higher Education
Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 22 of 33
8/14/95

NORTH
SCALE 1" = 200'

MITIGATION AREA
BOUNDARY

Contour interval:
1' below elev. 24'
2' above elev. 24'

TYPICAL LOG
LOW BOARDWALK
Figure 23. Mitigation Plan, Grading Plan, Sheet C

MATCHLINE TO SHEET A

GUIDE TO SHEETS

NORTH SCALE 1\" = 200'

MITIGATION AREA BOUNDARY

Contour interval:
1' below elev. 24'
2' above elev. 24'

MATCHLINE TO SHEET B

MATCHLINE TO SHEET E

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

MITIGATION PLAN: GRADING PLAN, SHEET C
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 23 of 33
8/14/95
Contour interval: 1' below elev. 24' to 2' above elev. 24'

NORTH Scale 1" = 200'

MITIGATION AREA
BOUNDARY

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus
for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

MITIGATION PLAN: GRADING PLAN, SHEET E
Application by: Washington State Higher Education
Coordinating Board
Location: I-405 & SR 522, Bothell, King County, WA
Sheet 24 of 33
8/14/95
SECTION A A'  Section through Campus Green looking north

From Sht. 14

SECTION B B'  Full site section through campus site looking north

From Sht. 14
Figure 26. Mitigation Plan, Sections

SECTION C C'  
From Sht. 23  
SCALE 1" = 40'  
Existing Grade  Proposed Grade

SECTION D D'  
From Sht. 23  
SCALE 1" = 40'  
Existing Grade  Proposed Grade

SECTION E E'  
From Sht. 23  
SCALE 1" = 40'  
Existing Grade  Proposed Grade

TYPICAL STREAM CHANNEL CROSS SECTIONS  
SCALE 1" = 10'

MITIGATION PLAN, SECTIONS
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 26 of 33  8/14/95

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus
for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: Sheets 3-6
Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

MITIGATION PLAN: PLANTING PLAN, SHEET C
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA
Sheet 29 of 33
8/14/95
Figure 30. Mitigation Plan, Planting Plan, Sheet E

MATCHLINE TO SHEET C

SC & O

RF

EF

FF-1

Boardswalk

RF

FF-1

SEE SHEETS 31-33 FOR PLANT COMMUNITY TYPES

EF = EVERGREEN FOREST

FP-1 = FORESTED PEATLAND
1. Mixed Species

FP-2 = FORESTED PEATLAND
2. Thuja dominated

FF-1 = FLOODPLAIN FOREST
1. Mixed Species

FF-2 = FLOODPLAIN FOREST
2. Fraxinus Dominated

RF = RIPARIAN FOREST

SC & O = STREAM CHANNEL & OXBOWS

FS-S = FLOODPLAIN SCRUB-SHRUB

EM = EMERGENT MARSH

WM = WET MEADOW

GUIDE TO SHEETS

MITIGATION AREA BOUNDARY

NORTH

SCALE 1" = 200'

95-4-01737

Proposed: To Construct College Campus
Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College
Datum: City of Bothell Datum
Adjacent Property Owners: See Sheets 3-6

MITIGATION PLAN: PLANTING PLAN, SHEET E
Application by: Washington State Higher Education Coordinating Board
Location: I 405 & SR 522, Bothell, King County, WA Sheet 30 of 33
8/14/95
### EF = EVERGREEN FOREST, 4.49 Acres

<table>
<thead>
<tr>
<th>Trees, including saplings</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Pseudotsuga menziesii</em>, Douglas Fir</td>
<td>1,958</td>
<td>1 gal.</td>
<td>436</td>
<td>10' o.c.</td>
</tr>
<tr>
<td><em>Thuja plicata</em>, Western Red Cedar</td>
<td>339</td>
<td>1 gal.</td>
<td>151</td>
<td>17' o.c.</td>
</tr>
<tr>
<td><em>Tsuga heterophylla</em>, Western Hemlock</td>
<td>339</td>
<td>1 gal.</td>
<td>151</td>
<td>17' o.c.</td>
</tr>
</tbody>
</table>

**Shrubs**

<table>
<thead>
<tr>
<th>Species</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Oemleria cerasiformis</em>, Indian Plum</td>
<td>3,058</td>
<td>2 gal.</td>
<td>681</td>
<td>8' o.c.</td>
</tr>
<tr>
<td><em>Symphoricarpus albus</em>, Snowberry</td>
<td>1,360</td>
<td>1 gal.</td>
<td>303</td>
<td>12' o.c.</td>
</tr>
<tr>
<td><em>Sambucus racemosa</em>, Red Elderberry</td>
<td>444</td>
<td>1 gal.</td>
<td>99</td>
<td>21' o.c.</td>
</tr>
</tbody>
</table>

### FF-1 = FLOODPLAIN FOREST 1, Mixed Species, 13.05 Acres

<table>
<thead>
<tr>
<th>Trees, including Saplings</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Acer macrophyllum</em>, Big-leaf Maple</td>
<td>156</td>
<td>1 gal.</td>
<td>12</td>
<td>60' o.c.</td>
</tr>
<tr>
<td><em>Alnus rubra</em>, Red Alder</td>
<td>3367</td>
<td>1 gal.</td>
<td>258</td>
<td>13' o.c.</td>
</tr>
<tr>
<td><em>Fraxinus latifolia</em>, Oregon Ash</td>
<td>992</td>
<td>4', tree pot</td>
<td>76</td>
<td>24' o.c.</td>
</tr>
<tr>
<td><em>Populus trichocarpa</em>, Black Cottonwood</td>
<td>313</td>
<td>5 gal.</td>
<td>48</td>
<td>30' o.c.</td>
</tr>
<tr>
<td><em>Salix lasiandra</em></td>
<td>1292</td>
<td>4' x 1' cutting</td>
<td>99</td>
<td>21' o.c.</td>
</tr>
<tr>
<td><em>Salix sitchensis</em>, Sitka Willow</td>
<td>2897</td>
<td>4' x 1' cutting</td>
<td>222</td>
<td>14' o.c.</td>
</tr>
<tr>
<td><em>Thuja plicata</em>, Western Red Cedar</td>
<td>313</td>
<td>1 gal.</td>
<td>48</td>
<td>30' o.c.</td>
</tr>
</tbody>
</table>

**Shrubs**

<table>
<thead>
<tr>
<th>Species</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Acer circinatum</em>, Vine Maple</td>
<td>587</td>
<td>1 gal.</td>
<td>90</td>
<td>22' o.c.</td>
</tr>
<tr>
<td><em>Cornus stolonifera</em>, Red-osier Dogwood</td>
<td>587</td>
<td>1 gal.</td>
<td>90</td>
<td>22' o.c.</td>
</tr>
<tr>
<td><em>Rubus spectabilis</em>, Salmonberry</td>
<td>4698</td>
<td>1 gal.</td>
<td>360</td>
<td>11' o.c.</td>
</tr>
<tr>
<td><em>Sambucus racemosa</em>, Red Elderberry</td>
<td>913</td>
<td>1 gal.</td>
<td>70</td>
<td>25' o.c.</td>
</tr>
</tbody>
</table>

### FF-2 = FLOODPLAIN FOREST 2, Fraxinus Dominated, 0.33 Acres

<table>
<thead>
<tr>
<th>Trees, including Saplings</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Fraxinus latifolia</em>, Oregon Ash</td>
<td>224</td>
<td>4', tree pot</td>
<td>681</td>
<td>8' o.c.</td>
</tr>
</tbody>
</table>

**Shrubs**

<table>
<thead>
<tr>
<th>Species</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Acer circinatum</em>, Vine Maple</td>
<td>15</td>
<td>1 gal.</td>
<td>90</td>
<td>22' o.c.</td>
</tr>
<tr>
<td><em>Cornus stolonifera</em>, Red-osier Dogwood</td>
<td>15</td>
<td>1 gal.</td>
<td>90</td>
<td>22' o.c.</td>
</tr>
<tr>
<td><em>Rubus spectabilis</em>, Salmonberry</td>
<td>119</td>
<td>1 gal.</td>
<td>360</td>
<td>11' o.c.</td>
</tr>
<tr>
<td><em>Sambucus racemosa</em>, Red Elderberry</td>
<td>23</td>
<td>1 gal.</td>
<td>70</td>
<td>25' o.c.</td>
</tr>
</tbody>
</table>

---

**Proposed:** To Construct College Campus  
**Purpose:** To provide a Collocated Campus for UW-Bothell/Cascadia Community College  
**Datum:** City of Bothell Datum  
**Adjacent Property Owners:** Sheets 3-6  
**MITIGATION PLAN, PLANT COMMUNITY TYPES**  
**Application by:** Washington State Higher Education Coordinating Board  
**Location:** I 405 & SR 522, Bothell, King County, WA  
**Sheet 31 of 33**  
**8/14/95**
### FP-1 = FORESTED PEATLAND 1, Mixed Species, 7.11 Acres

<table>
<thead>
<tr>
<th>Trees including Saplings</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Alnus rubra</em>, Red Alder</td>
<td>15,784</td>
<td>1 gal.</td>
<td>222</td>
<td>14’ o.c.</td>
</tr>
<tr>
<td><em>Betula papyrifera</em>, Paper Birch</td>
<td>3100</td>
<td>1 gal.</td>
<td>436</td>
<td>10’ o.c.</td>
</tr>
<tr>
<td><em>Picea sitchensis</em>, Sitka Spruce</td>
<td>775</td>
<td>1 gal.</td>
<td>109</td>
<td>20’ o.c.</td>
</tr>
<tr>
<td><strong>Shrubs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Rubus spectabilis</em>, Salmonberry</td>
<td>4842</td>
<td>1 gal.</td>
<td>681</td>
<td>8’ o.c.</td>
</tr>
<tr>
<td><em>Vaccinium parvifolium</em>, Red Huckleberry</td>
<td>2559</td>
<td>1 gal.</td>
<td>360</td>
<td>11’ o.c.</td>
</tr>
</tbody>
</table>

### FP-2 = FORESTED PEATLAND 2, Thuja Dominated, 1.18 Acres

<table>
<thead>
<tr>
<th>Trees including Saplings</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Thuja plicata</em>, Western Red Cedar</td>
<td>803</td>
<td>1 gal.</td>
<td>681</td>
<td>8’ o.c.</td>
</tr>
<tr>
<td><strong>Shrubs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Rubus spectabilis</em>, Salmonberry</td>
<td>803</td>
<td>1 gal.</td>
<td>681</td>
<td>8’ o.c.</td>
</tr>
<tr>
<td><em>Vaccinium parvifolium</em>, Red Huckleberry</td>
<td>425</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### RF = RIPARIAN FOREST, 9.85 Acres

<table>
<thead>
<tr>
<th>Trees including Saplings</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Acer macrophyllum</em>, Big-leaf Maple</td>
<td>108</td>
<td>1 gal.</td>
<td>22</td>
<td>45’ o.c.</td>
</tr>
<tr>
<td><em>Alnus rubra</em>, Red Alder</td>
<td>4294</td>
<td>1 gal.</td>
<td>436</td>
<td>10’ o.c.</td>
</tr>
<tr>
<td><em>Fraxinus latifolia</em>, Oregon Ash</td>
<td>975</td>
<td>4’ tree pot</td>
<td>99</td>
<td>21’ o.c.</td>
</tr>
<tr>
<td><em>Populus trichocarpa</em>, Black Cottonwood</td>
<td>108</td>
<td>5 gal.</td>
<td>22</td>
<td>45’ o.c.</td>
</tr>
<tr>
<td><em>Salix lasiandra</em></td>
<td>236</td>
<td>4’x1’ cut</td>
<td>76</td>
<td>24’ o.c.</td>
</tr>
<tr>
<td><strong>Shrubs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Acer circinatum</em>, Vine Maple</td>
<td>1911</td>
<td>1 gal.</td>
<td>194</td>
<td>15’ o.c.</td>
</tr>
<tr>
<td><em>Cornus stolonifera</em>, Red-osier Dogwood</td>
<td>690</td>
<td>1 gal.</td>
<td>70</td>
<td>25’ o.c.</td>
</tr>
<tr>
<td><em>Rubus spectabilis</em>, Salmonberry</td>
<td>4294</td>
<td>1 gal.</td>
<td>436</td>
<td>10’ o.c.</td>
</tr>
</tbody>
</table>

---

**Proposed: To Construct College Campus**

**Purpose: To provide a Collocated Campus for UW-Bothell/Cascadia Community College**

**Datum: City of Bothell Datum**

**Adjacent Property Owners: Sheets 3-6**

**MITIGATION PLAN, PLANT COMMUNITY TYPES**

**Application by: Washington State Higher Education Coordinating Board**

**Location: I 405 & SR 522, Bothell, King County, WA**

**Sheet 32 of 33**

**8/14/95**
### SC&O = STREAM CHANNEL AND OXBOWS, 1.51 Acres (excluding area of average flows)

<table>
<thead>
<tr>
<th>Trees including Saplings</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Alnus rubra</em>, Red Alder</td>
<td>272</td>
<td>1 gal.</td>
<td>360</td>
<td>11' o.c.</td>
</tr>
<tr>
<td><em>Populus trichocarpa</em>, Black Cottonwood</td>
<td>115</td>
<td>5 gal.</td>
<td>76</td>
<td>24' o.c.</td>
</tr>
<tr>
<td><em>Salix lasiandra</em></td>
<td>272</td>
<td>4' x 1' cutting</td>
<td>360</td>
<td>11' o.c.</td>
</tr>
</tbody>
</table>

| Shrubs                                         |        |        |                |           |
| *Cornus stolonifera*, Red-osier Dogwood       | 406    | 1 gal. | 538            | 9' o.c.   |
| *Rubus spectabilis*, Salmonberry              | 406    | 1 gal. | 538            | 9' o.c.   |

### FS-S = FLOODPLAIN SCRUB-SHRUB, 6.48 Acres

<table>
<thead>
<tr>
<th>Shrubs</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Cornus stolonifera</em>, Red-osier Dogwood</td>
<td>3486</td>
<td>1 gal.</td>
<td>538</td>
<td>9' o.c.</td>
</tr>
<tr>
<td><em>Lonicera involucrata</em>, Black Twin Berry</td>
<td>278</td>
<td>1 gal.</td>
<td>43</td>
<td>32' o.c.</td>
</tr>
<tr>
<td><em>Rubus spectabilis</em>, Salmonberry</td>
<td>981</td>
<td>1 gal.</td>
<td>303</td>
<td>12' o.c.</td>
</tr>
<tr>
<td><em>Salix sitchensis</em>, Silka Willow</td>
<td>1101</td>
<td>4' x 1' cutting</td>
<td>170</td>
<td>16' o.c.</td>
</tr>
<tr>
<td><em>Spiraea douglasii</em>, Hardhack</td>
<td>981</td>
<td>1 gal.</td>
<td>303</td>
<td>12' o.c.</td>
</tr>
</tbody>
</table>

### EM = EMERGENT MARSH, 5.82 Acres

<table>
<thead>
<tr>
<th>Graminoids</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Carex obnupta</em>, Slough Sedge</td>
<td>7760</td>
<td>2.25&quot; pot</td>
<td>4000</td>
<td>3.3' o.c.</td>
</tr>
<tr>
<td><em>Scirpus americanus</em>, Three-square Bulrush</td>
<td>7760</td>
<td>1' x 1' flat</td>
<td>4000</td>
<td>3.3' o.c. clumped</td>
</tr>
<tr>
<td><em>Scirpus microcarpus</em>, Small-fruited Bulrush</td>
<td>7760</td>
<td>1 gal.</td>
<td>4000</td>
<td>3.3' o.c.</td>
</tr>
</tbody>
</table>

### WM = WET MEADOW, 5.13 Acres

<table>
<thead>
<tr>
<th>Graminoids</th>
<th>Number</th>
<th>Size</th>
<th>Density #/acre</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Deschampsia caspita</em>, Tufted Hairgrass</td>
<td>35,756</td>
<td>2.25&quot; peat pot</td>
<td>6970</td>
<td>2.5' o.c.</td>
</tr>
<tr>
<td><em>Glycera elata</em>, Tall Mannagrass</td>
<td>9121</td>
<td>2.25&quot; peat pot</td>
<td>3556</td>
<td>3.5' o.c.</td>
</tr>
<tr>
<td><em>Leersia oryzoides</em>, Rice Cutgrass</td>
<td>9121</td>
<td>1&quot; x 1' flat, halved</td>
<td>3556</td>
<td>3.5' o.c. clumped</td>
</tr>
</tbody>
</table>

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**Proposed:** To Construct College Campus
**Purpose:** To provide a Collocated Campus for UW-Bothell/Cascadia Community College
**Datum:** City of Bothell Datum
**Adjacent Property Owners:** Sheets 3-6

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**MITIGATION PLAN, PLANT COMMUNITY TYPES**
Application by: Washington State Higher Education Coordinating Board
Location: 1405 & SR 522, Bothell, King County, WA
Sheet 33 of 33 8/14/95