1. Continue success in **attracting the best** faculty, students, and staff.

2. Create space that is **flexible and adaptable** to meet the evolving needs of the Foster Business School.

3. Complement existing Foster School buildings to form a **cohesive and connected Foster School complex**.

4. Celebrate and **enhance distinctive campus open space** and circulation patterns in this part of campus.
Tree Planting and Understory

**Acer circinatum**
- **Vine Maple**
- Sun - Part shade
- Height: 6" - 30'
- Spread: 30'

**Thuja plicata**
- **Western Red Cedar**
- Sun - Part shade
- Height: 120'+
- Spread: 30'+

**Potential alternates:**
- **Calocedrus decurrens** - Incense Cedar
- **Abies grandis** - Grand Fir
- **Pseudotsuga menziesii** - Douglas Fir

**Quercus garryana**
- **Oregon White Oak**
- Sun
- Height: 70'+
- Spread: 50'

**Rhamnus purshiana**
- **Cascara**
- Sun - Shade
- Height: 15-50'
- Spread: 30'

**Turf - Eco Lawn**

**PT 767**
- **Height: 2”-4”**
- Dog resistant and durable
- Drought tolerant

**Planting Concept**

UW Foster School of Business

May 18, 2020
## Planting Plan

### Meadow Planting Bed

![Meadow Planting Bed Diagram]

#### Accent Grasses

<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Common Name</th>
<th>Light</th>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deschampsia cespitosa</td>
<td>Tufted Hairgrass</td>
<td>Sun</td>
<td>18”</td>
<td>12”</td>
</tr>
<tr>
<td>Danthonia californica</td>
<td>California Oatgrass</td>
<td>Sun</td>
<td>12”</td>
<td>18”</td>
</tr>
<tr>
<td>Festuca roemereri</td>
<td>Roemer’s Fescue</td>
<td>Sun</td>
<td>2’</td>
<td>12”</td>
</tr>
<tr>
<td>Achillea millefolium</td>
<td>Common Yarrow</td>
<td>Sun</td>
<td>2.5’</td>
<td>2’</td>
</tr>
</tbody>
</table>

#### Accent Plants

<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Common Name</th>
<th>Light</th>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camassia quamash</td>
<td>Common Camas</td>
<td>Sun</td>
<td>18”</td>
<td>12”</td>
</tr>
<tr>
<td>Mahonia aquifolium</td>
<td>Tall Oregon Grape</td>
<td>Sun - Shade</td>
<td>5’-7’</td>
<td>2’-5’</td>
</tr>
<tr>
<td>Ceonothus thyrisiflorus</td>
<td>Skylark Wild Lilac</td>
<td>Sun</td>
<td>4’-12’</td>
<td>12’</td>
</tr>
<tr>
<td>Ribes sanguineum</td>
<td>Pokeys Pink Red Flowering Currant</td>
<td>Sun</td>
<td>6’-8’</td>
<td>6’</td>
</tr>
</tbody>
</table>
### Bioretention 1

**Cornus sericea**  
Red-Osier Dogwood  
Sun - Shade  
Height: 6’, Spread: 8’

**Aruncus dioicus**  
Goat’s Beard  
Part shade - Shade  
Height: 2-3’, Spread: 2-3’

**Blechnum spicant**  
Deer Fern  
Part shade - Shade  
Height: 1-2’, Spread: 2’

**Asarum caudatum**  
Western Wild Ginger  
Shade  
Height: 6-12”, Spread: 1-2’

### Bioretention 2

**Iris tenax**  
Oregon Iris  
Part-shade  
Height: 1-2’, Spread: 1-2’

**Juncus tenuis**  
Path Rush  
Part shade  
Height: 2’, Spread: 2’

**Cornus sericea**  
Red-Osier Dogwood  
Sun - Shade  
Height: 6’, Spread: 8’
**Planting Plan**

**Forest Promenade / Evergreen Carpet**

<table>
<thead>
<tr>
<th>Carpet Layer</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Habit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gaultheria shallon</td>
<td>Salal</td>
<td>Part Shade</td>
<td>Height: 1'-3', Spread: 2'+</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mahonia nervosa</td>
<td>Long-Leaf Oregon Grape</td>
<td>Part Shade - Shade</td>
<td>Height: 2', Spread: 3'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mahonia repens</td>
<td>Creeping Oregon Grape</td>
<td>Part Shade - Shade</td>
<td>Height: 2', Spread: 3'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polystichum munitum</td>
<td>Western Sword Fern</td>
<td>Part Shade</td>
<td>Height: 3', Spread: 3'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vaccinium ovatum ‘Thunderbird’</td>
<td>Evergreen Huckleberry</td>
<td>Sun - Part shade</td>
<td>Height: 2'-3', Spread: 2'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Shrub Accent | | | | | |
|--------------| | | | | |
| Ribes sanguineum | Pokey's Pink Red Flowering Currant | Sun | Height: 6'-8', Spread: 6' |
Massing Concept

OFFICE

FEATURE STAIR

FORUM / CLASSROOMS

TEAM
Complementing the Foster School Campus
Foster School Campus: Red Brick + Metal Panel
View From PACCAR Hall
Denny Yard View
Chelan Lane
Metal Panel Selections

Visual Mock-up: Profile Panels + Curtainwall

Standing Seam Panels
FEATURE STAIR
Feature Stair - Structure

Douglas Fir Glulam Treads/Landings

Wide Flange Stringers
Feature Stair - Handrail

Dark Steel Stanchions, Stainless Steel Handrail with Integrated Lights
BUILDING PERFORMANCE
Sustainability and Performance

Energy Use Intensity

- 2030 Baseline: 129 kBtu/ft²
- Seattle Energy Code: 40 kBtu/ft²
- 2030 Target: 36 kBtu/ft²
- Design: 25 kBtu/ft²

2030 Commitment: 79% Reduction

Operational Carbon (CO₂e)

- 2030 Baseline (steam): 166 mt/yr
- Code Baseline (steam): 76 mt/yr
- Code Baseline (electric): 4 mt/yr
- High Performance (electric): 13 mt/yr

Carbon Neutral from Utility
Fossil Fuel Free

100% Reduction

Embodied Carbon

- Post-Tensioned Concrete Baseline: 2,831 t
- Heavy Timber + Concrete Core Design: 1,200 t

58% Reduction

Water Use

- LEED Baseline
- Design

- 535 kcal/yr Indoor
- 831 kcal/yr Indoor
- 306 kcal/yr Outdoor

53% Reduction

Sustainability Goals

2030 Challenge

UW Green Building Standards
- 50% water use reduction below code
- 15% energy use reduction below code
- LEED NC v4.1 Gold

Cumulative Carbon (60 years, CO₂e)

- CUMULATIVE CO₂e BASELINE
- CUMULATIVE CO₂e AS-DESIGNED
- ENERGY USE CO₂e
- EMBODIED CO₂e

YEAR 1
YEAR 15
YEAR 30
YEAR 45
YEAR 60
Denny Yard View