UNIVERSITY of WASHINGTON | BOTHELL

UW Bothell | Cascadia College Phase 4 STEM Building

Goals & Objectives

- Create learning environments that support collaboration, active learning, and faculty innovation while building community across students and faculty.
- Design a physical environment that promotes interactions between UWB and CC faculty, staff, and students.
- Display the campus' commitment to environmental and economic sustainability, including by seeking to minimizing building life-cycle costs and carbon footprint.
- Redistribute STEM facilities across the campus as appropriate to improve operational efficacy, student access and relationships

Project Overview

- New, approximately 100,000 gsf STEM academic facility

- $79.6M Project Cost
  - UW Bothell: $38.5M
  - Cascadia College: $41.1M

- 1,100 new FTE students
  - UW Bothell: 500
  - Cascadia College: 600

Project Background

- Both institutions have been each planning new STEM facilities since 2014.

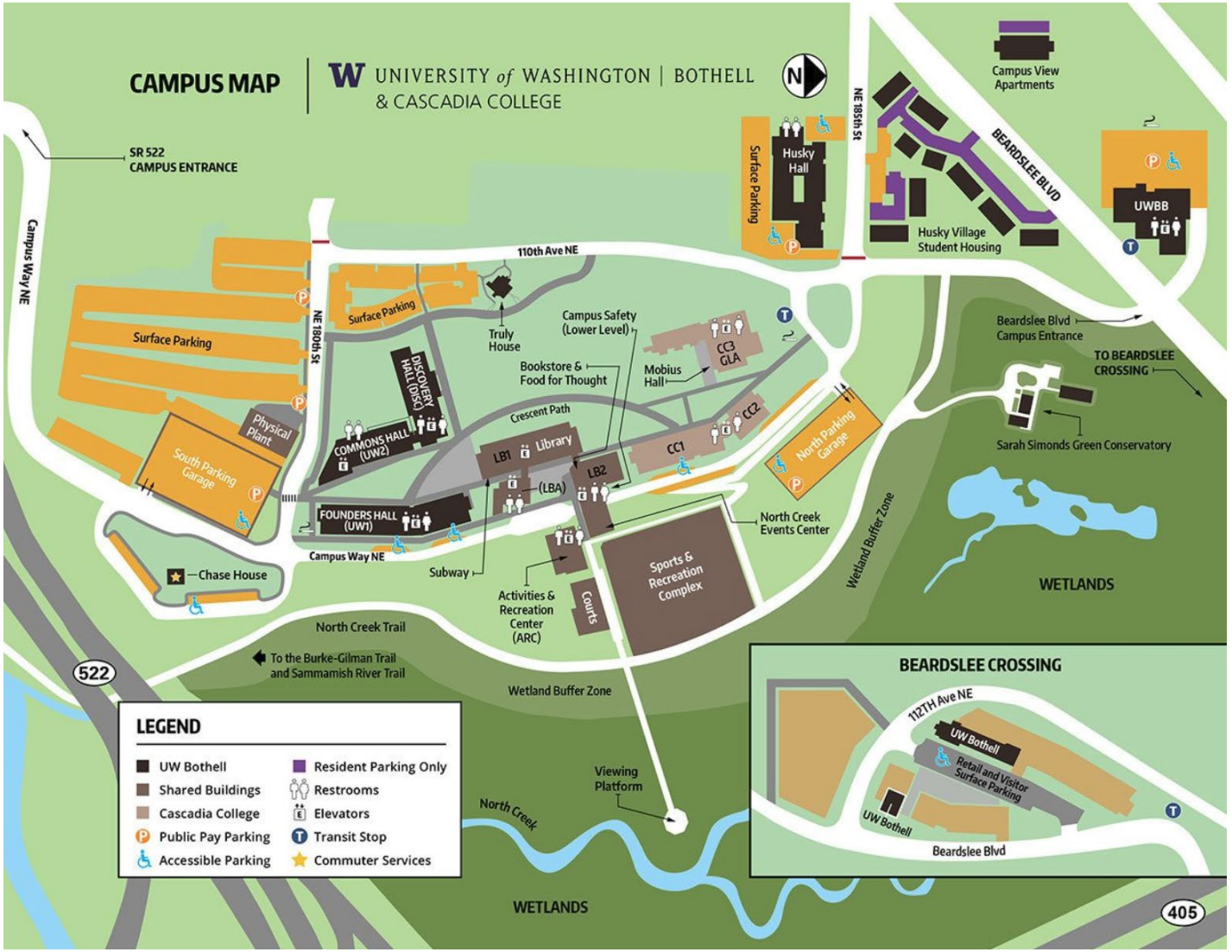
- UWB STEM Building
  - 78,650 gsf
  - 1,000 new student FTE

- CC STEM Building
  - 54,000 gsf
  - 600 new student FTE

Timeline

- Site Selection: July 2018 – February 2019
- **IDB Team Selection: Summer/Fall 2019**
- Planning: Summer 2019 – Fall 2019
- Design: Fall 2019 – Summer 2020
- Construction: Summer 2020 – Spring 2022
- Occupancy: Summer Quarter 2022

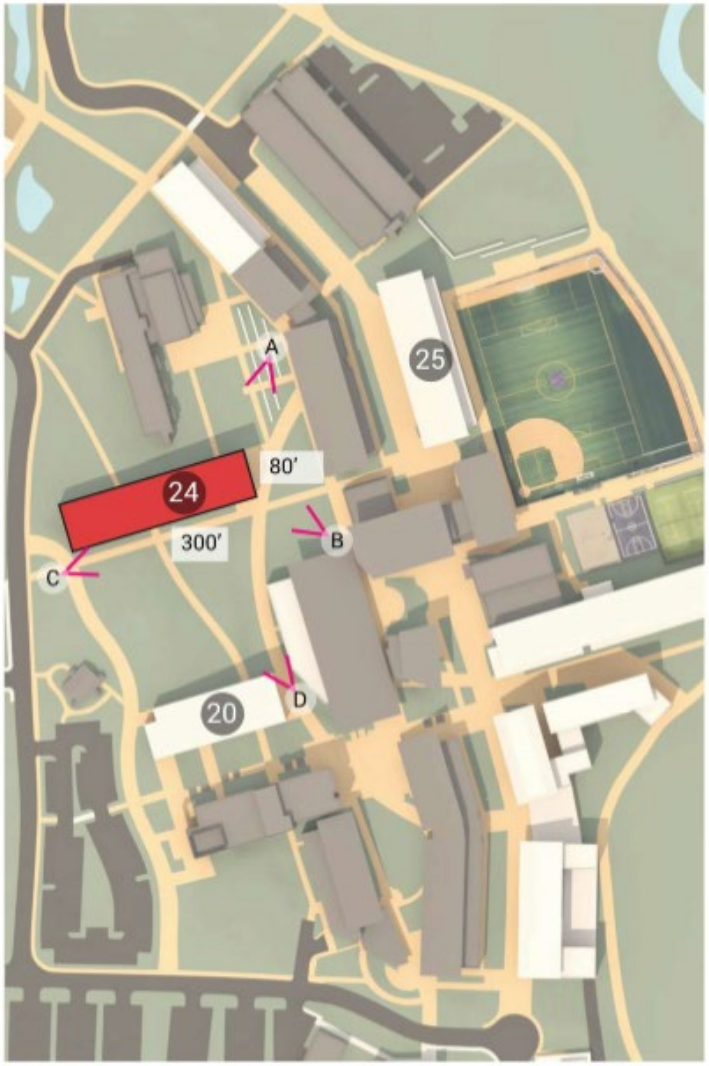
Campus Map


CAMPUS MAP
UNIVERSITY of WASHINGTON | BOTHELL & CASCADIA COLLEGE
SR 522 CAMPUS ENTRANCE
Campus Way NE
NE 180th St
110th Ave NE
NE 185th St
Surface Parking
Husky Hall
Campus View Apartments
BEARDSLEE BLVD
Husky Village Student Housing
UWBB
Truly House
Campus Safety (Lower Level)
Bookstore & Food for Thought
Mobius Hall
CC3 GLA
DISCOVERY HALL (DISC)
COMMONS HALL (UW2)
Crescent Path
LB1
Library
LB2
(LBA)
CC1
CC2
North Parking Garage
Physical Plant
South Parking Garage
FOUNDERS HALL (UW1)
Campus Way NE
Chase House
Subway
Activities & Recreation Center (ARC)
Courts
Sports & Recreation Complex
North Creek Events Center
Wetland Buffer Zone
Beardslee Blvd Campus Entrance
TO BEARDSLEE CROSSING
Sarah Simonds Green Conservatory
WETLANDS
North Creek Trail
To the Burke-Gilman Trail and Sammamish River Trail
522
Wetland Buffer Zone
LEGEND
UW Bothell
Shared Buildings
Cascadia College
Public Pay Parking
Accessible Parking
Resident Parking Only
Restrooms
Elevators
Transit Stop
Commuter Services
Viewing Platform
North Creek
WETLANDS
405
BEARDSLEE CROSSING
112TH Ave NE
UW Bothell
Retail and Visitor Surface Parking
UW Bothell
Beardslee Blvd

Sites Considered

> Initially 4 sites were considered.

Preferred Site – Site 24

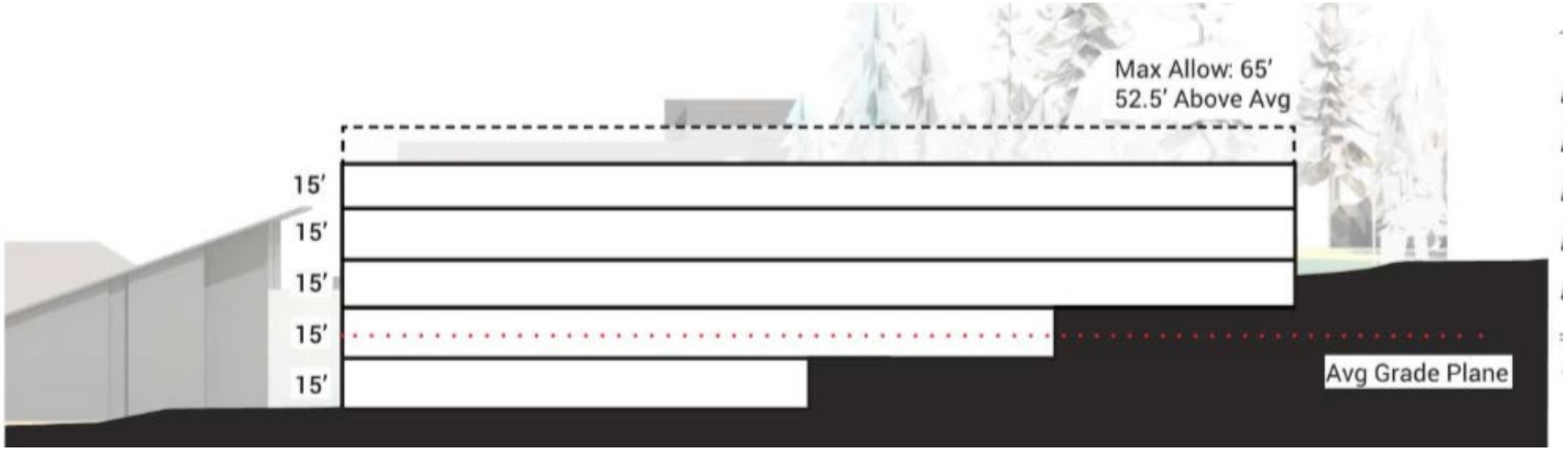


- Centrally located on the combined campus
- Large enough to accommodate the full build-out of the combined facility.
- Lessens the impact on the significant grove stand.
- Continues Discovery Hall pattern to facilitate slope access from the campus core to upper campus.
- Less impact on previously installed campus utility infrastructure.
- Most cost-effective development site.
- Maintains view corridors and existing hydrological flows.

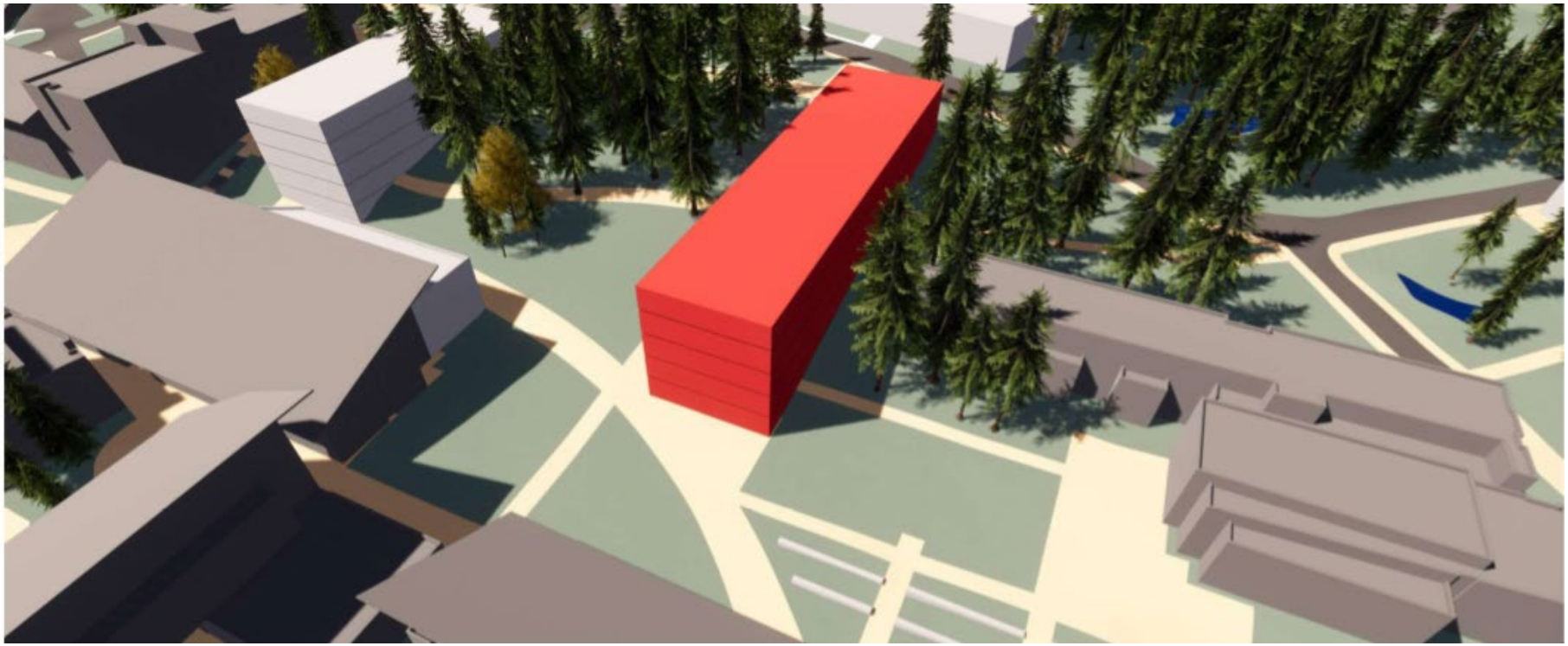
Design Challenges

- Site grade change/topography
- Site Fit
- Budget

Site Topography



Site Fit



Budget $79.6M ($796/GSF)

BENCHMARK 1 – WSU Everett University Center

> 95,000 gsf on a flat site
> Completed in 2017
> Total Project Cost: $76.4 million
> Cost/GSF: $804

BENCHMARK 2 – Edmonds Community College STEM Building

> 69,950 gsf on a flat site
> Under construction, projected completion 2020
> Total Project Cost: $55.6 million
> Cost/GSF: $795

BENCHMARK 3 – Grays Harbor College STEM Building

> 70,300 gsf on a relatively flat site
> Completed in 2015
> Total Project Cost: $53.1 million
> Cost/GSF: $756

Budget

BENCHMARK 4 – Discovery Hall

- 78,000 gsf on a steeply sloped site
- Completed in 2014
- Total Project Cost: $52 million
- Cost/GSF: $898 (escalated to 2020 pricing)

Next Steps

Design Builder Selection

Architect Selection

Project Definition