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
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
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