

SEATTLEU

Standing Advisory Committee
January 9, 2018

Center for Science and Innovation Progress Update

Agenda

- Introduction
- MIMP Highlights
- Design Progress Update
 - Site
 - Building Plans and Uses
 - Building Exterior
 - Design Guidelines Implementation

CSI Vision Statement

The Center for Science and Innovation (CSI) is not just a new facility: It is a *reimagined* science and engineering complex.

The CSI will pivot the orientation of *science as a cornerstone* of Seattle U's overall education.

The CSI complex will become *the new gateway* to campus.

The CSI complex will be the *lever of enrollment*, to attract those students who are responding to larger forces of career and global opportunity.

The new CSI will drive Seattle U's *connection to its thriving urban location*, leading in this vibrant city where *major corporations* -- Amazon, Microsoft, F5, Expedia -- are working at the *edge of innovation*.

The CSI will be *future-focused* rather than adjusting to or accommodating the present.

MIMP Highlights

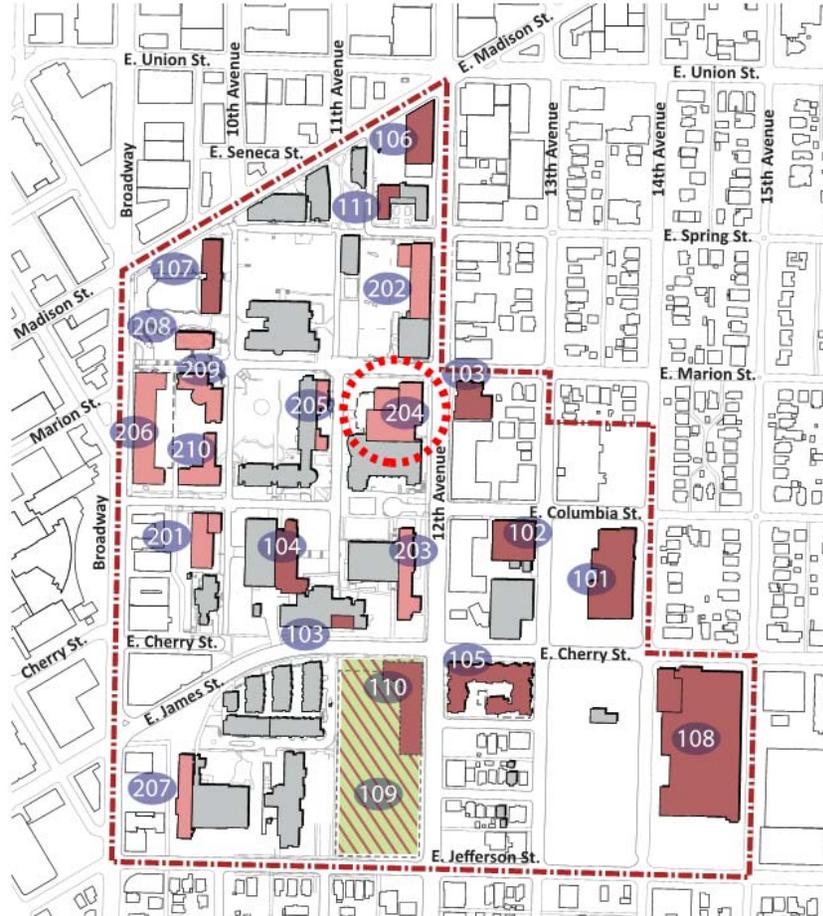
MIMP HIGHLIGHTS

Near-Term Plan



Legend

- Existing Campus Buildings
- Planned Near-Term Projects and Renovations
- Planned Near-Term Open Space Above Structured Parking
- Potential Near-Term Projects and Renovations
- Buildings to be Demolished
- Surrounding Buildings
- Proposed MIO Boundary



Near - Term Plan

- Site: #204
- Use: Academic and Law School Expansion

MIMP HIGHLIGHTS

Planned and Potential Near-Term Development Plans

Planned Near Term Projects & Renovations (0-10 years)	Net Additional Square Footage	Proposed Building Height (ft)	New or Renovation	Expected Completion
101 1313 E Columbia Renovation*	0	40	Renovation	2009
102 1215 E Columbia / Academic (Seaport Building) *	5,000	30	Both	2010
103 824 12th Avenue Building (Admissions & Alumni Bldg)*	5,000	15	Both	2009
104 Library Addition *	35,000	40	Both	2010
105 12th & E Cherry Housing *	160,000	50	New	2011
106 Academic & Housing at 12th & E Madison	55,000	105	Both	2011
107 Administration Building (10th & E Madison)	0	45	Renovation	2011
108 Connolly Center at E Cherry & 14th	80,000	40	Both	2011
109 New Logan Field Underground Parking	130,000	40	New	2012
110 New Logan Field Retail	30,000	40	New	2012
111 Xavier Global House	5,000	35	Both	2013
Total New SF	505,000			

* These projects are permitted under the existing 1997 MIMP.

Potential Near Term Projects & Renovations (0-10 years)	Net Additional Square Footage	Proposed Building Height (ft)	New or Renovation	Targeted Completion
201 Academic Building at 10th & E Columbia	100,000	65	New	2011
202 Academic & Housing on 12th Ave & E Spring	95,000	105	New	2012
203 Bellarmine Hall on 12th Ave	0	105	Renovation	2013
204 Academic & Law School Expansion	120,000	75	New	2013
205 Bannan Science	50,000	65	New	2013
206 Columbia and Broadway Building	350,000	160	New	2015
207 Campion Hall Renovation	0	130	Renovation	2014
208 Garrand	0	45	Renovation	2016
209 Casey	0	65	Renovation	2016
210 Loyola	0	55	Renovation	2016
Total New SF	715,000			



Planned and Near-Term Development Summary

Underlying Zoning per MIMP is MIO 105

MIMP HIGHLIGHTS



Campus Edge Improvements

The diagram on this page shows the location of proposed improvements to the edges of campus, as described throughout this master plan.

Campus Edge / 12th Avenue Improvements:

Elements applicable to the project site

- Campus Gateway
- Façade along campus edge;
- Streetscape improvement area;
- Building entry along 12th Avenue;
- Campus primary pedestrian access at 12th and Marion;
- Proposed traffic light (likely installation by SDOT in 2018).



Legend

- Building Facade Along Campus Edge
- Streetscape Improvement Areas
- ▲ Conceptual Building Entries
- Existing Pedestrian Crossings
- Proposed Pedestrian Crossings
- Primary Pedestrian Access
- Proposed Traffic Light
- METRO Bus Stop
- Desired METRO Bus Stop
- 12th Avenue Focus Areas
Refer to Urban Design Strategies Diagram for 12th Avenue
- Proposed MIO Boundary

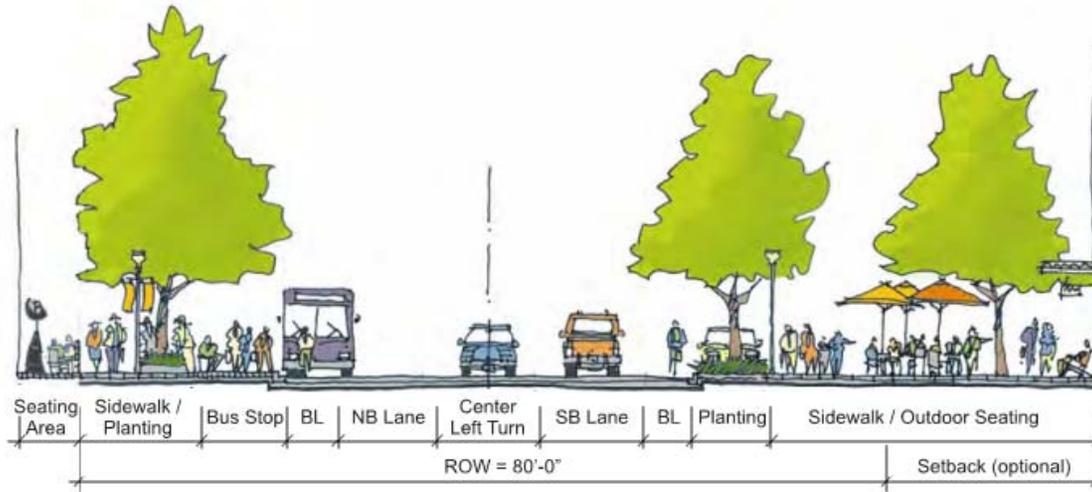
MIMP HIGHLIGHTS



Urban Design Strategies along 12th Avenue

MIMP HIGHLIGHTS

12th Avenue Focus:
Street Section through
12th Avenue at the
Project Location



Section C

MIMP HIGHLIGHTS

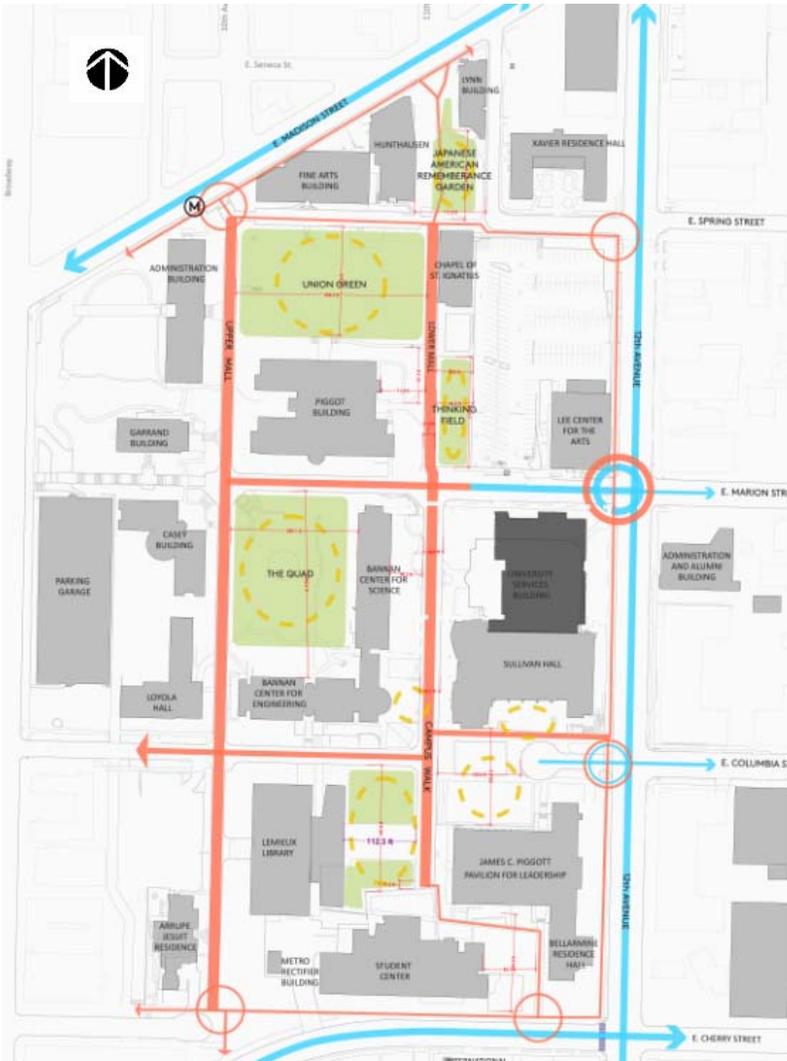
Street Activating University Uses

- Campus Bookstore
- Child care facility
- **Coffee shop**
- Fitness center
- Copy center
- Public safety offices
- Theater / performing arts
- Financial / banking centers
- Community meeting spaces
- **Campus service centers**
- **Community outreach**

Design Progress Update

Project site

SITE



Site Context

- Campus Gateway
- Campus Pedestrian Access Point at 12th and E Marion
- Future Signal
- Campus Edge Building

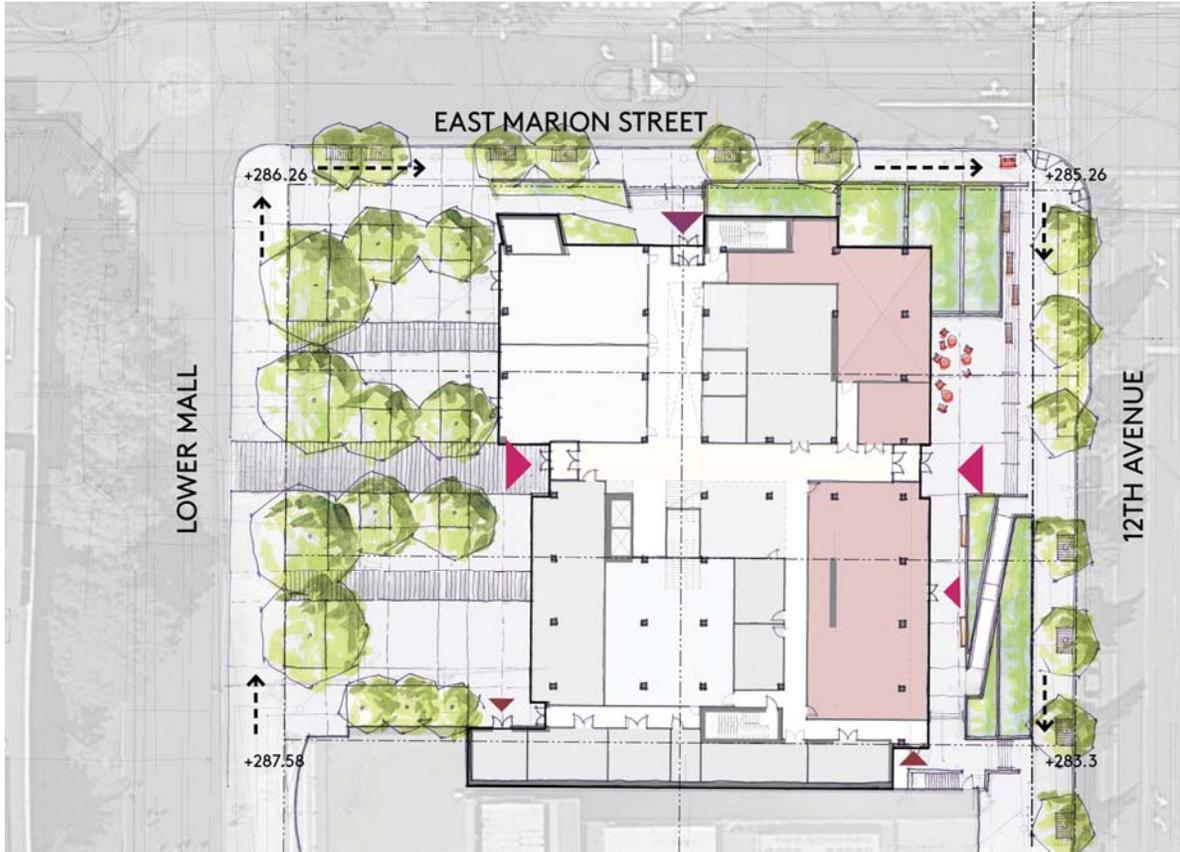
SITE

Existing Landform and Groundwater



- Approximately 4-ft grade change from lower part of 12th Avenue Sidewalk to the building site;
- Groundwater is 15 – 17 ft below the surface per 2017 exploration and as high as 8 ft below the surface per the 1996 exploration;
- 12th Avenue flooded in the past. Building resilience goal precludes use of basement.

SITE

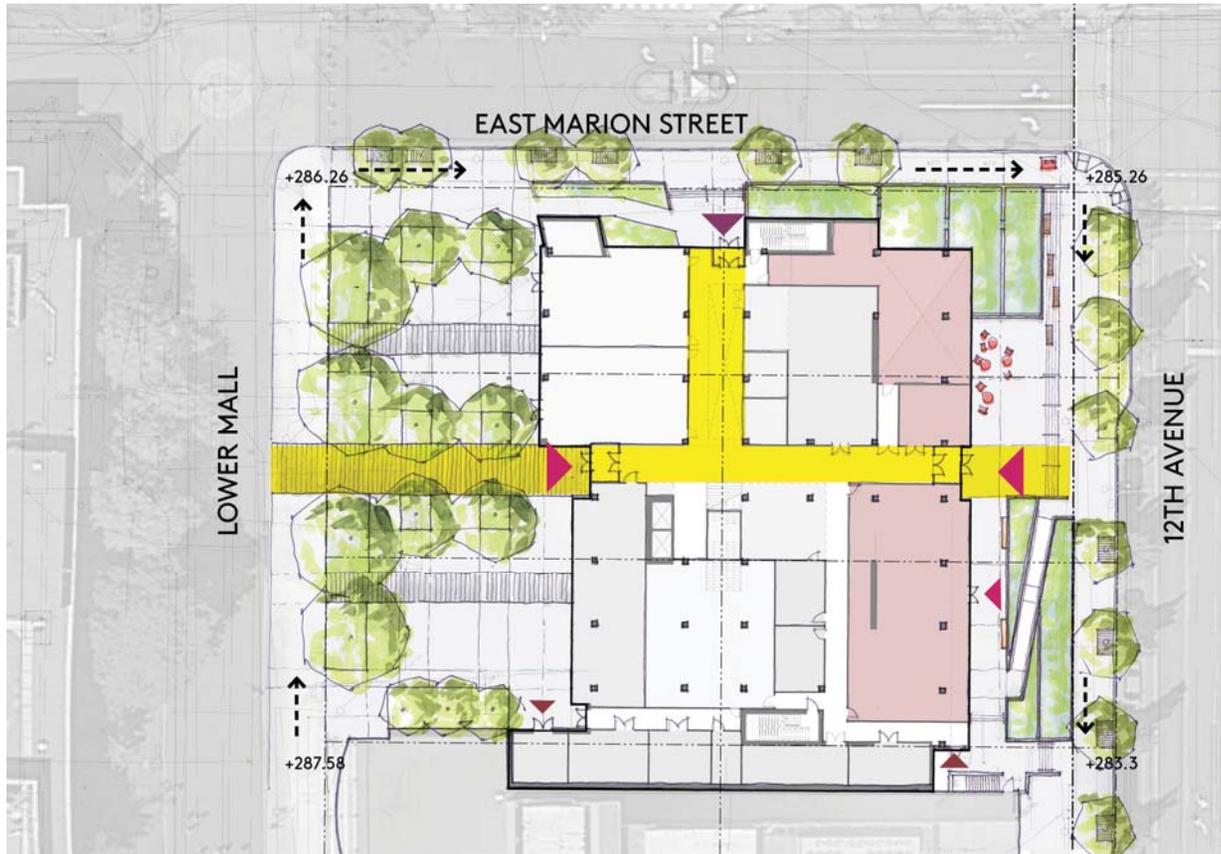


Circulation, Access, and Open Space

- Campus gateway
- Convenient, safe and direct pedestrian circulation
- Sunny and shaded open areas
- Opportunities for public art
- Vehicular access and loading along existing vehicular route



SITE



Pedestrian Mid-Block Entry

- Concealing the “scar” on north side of Sullivan Hall with services bar
- Opportunity for exposure to STEM along the path
- Access to Coffee Shop

SITE



Marion Street Frontage

- Clear separation between pedestrian and vehicular circulation
- Elevate visibility of the sign
- Opportunity for sustainable drainage design utilizing rain gardens



SITE



12th Avenue Frontage / Streetscape

- Major Entry on 12th Avenue
- Entry Terrace – informal social space
- Approximately 4-ft grade change from lower part of 12th Avenue Sidewalk and the building site
- Rain gardens - sustainable design on display
- Raised podium offers additional security and protection from vehicles
- Opportunity for feature entry signage

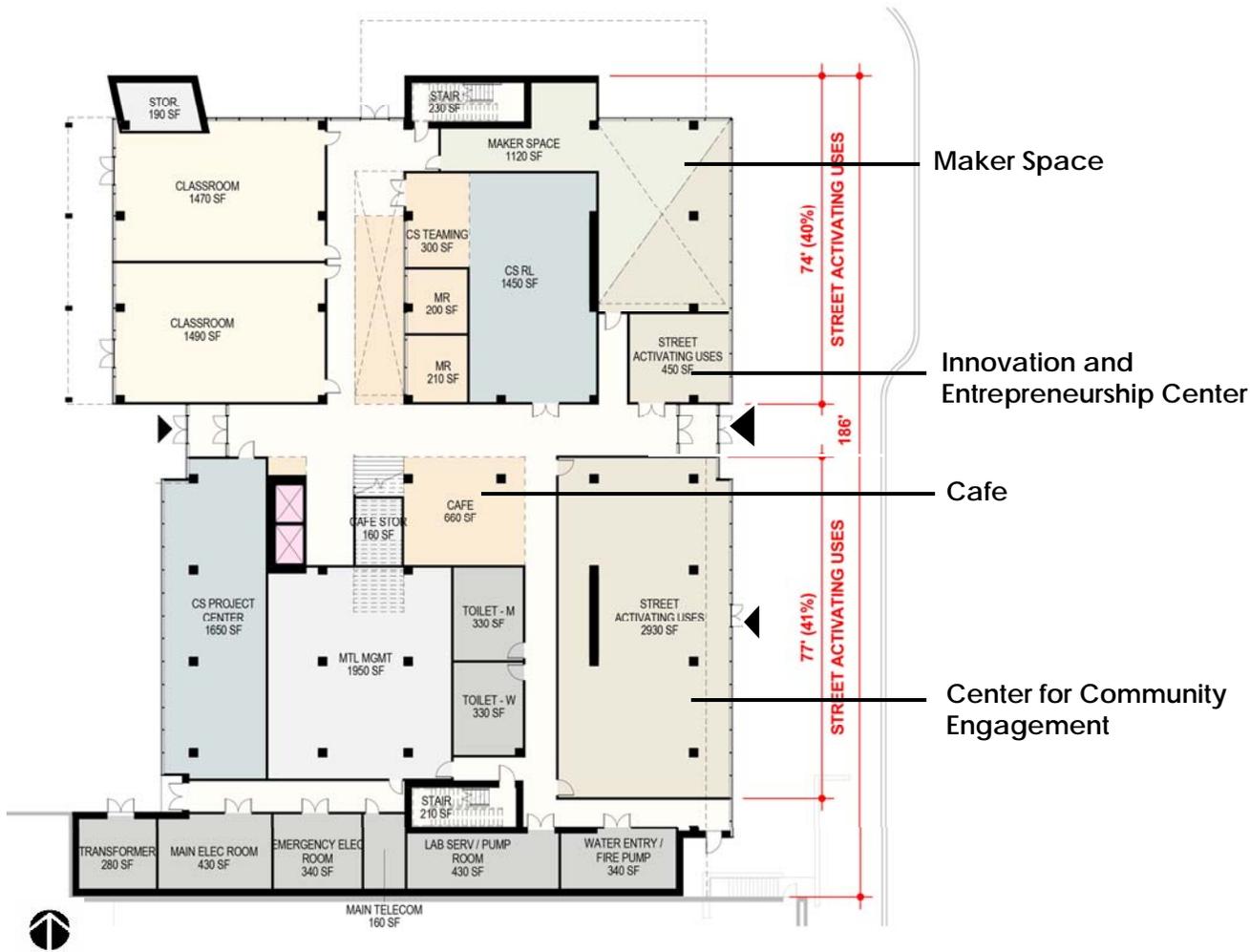


Building Plans and Uses

CSI Anticipated Program

- Biology Department
- Chemistry Department
- Computer Science Department
- Classrooms
- Maker Space
- Innovation and Entrepreneurship Center
- Center for Community Engagement
- KXSU
- Coffee Shop

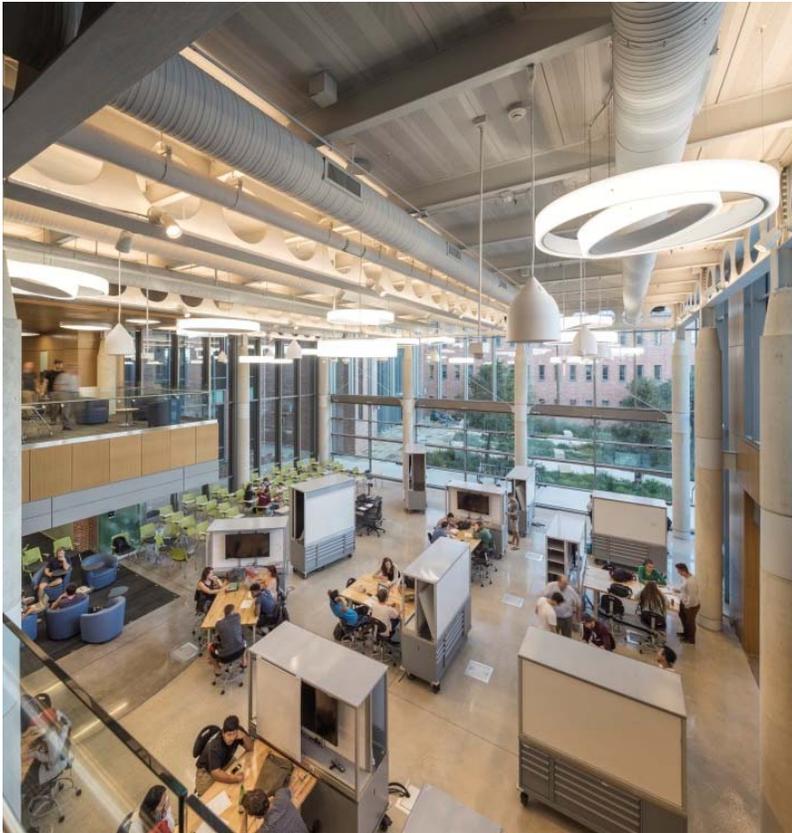
BUILDING PLANS AND USES



First Floor Plan and Street Activating Uses

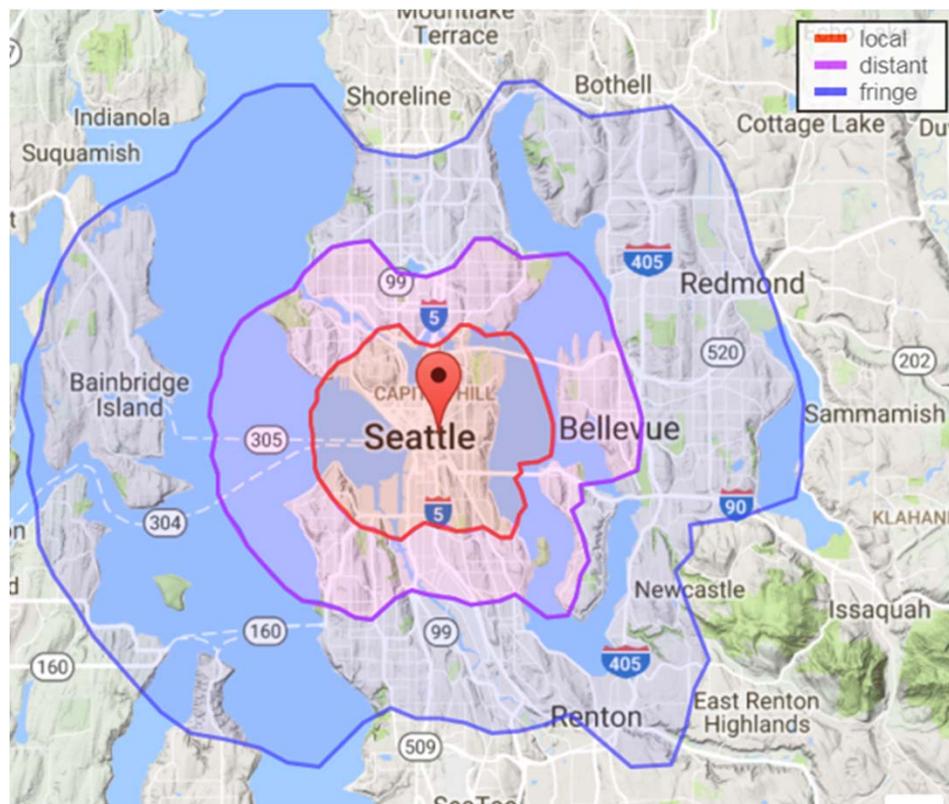
- Center for Community Engagement (CCE);
- Innovation and Entrepreneurship Center (IEC);
- University radio station KXSU (on Second Floor) Café
- Maker space

STREET ACTIVATING USES – Maker Space



- Provide an entry maker space open to all students at Seattle University and the community
- Lower threshold of entry to making for ALL
- Encourage all students to have experiences creating with their own hands
- Anchor corner of 12th and Marion to showcase Seattle University students in action
- Facilitate a makerspace network, with this makerspace as one node

STREET ACTIVATING USES - KXSU 102.1FM and online at www.kxsu.org.



Seattle University's student-run radio station, broadcasts locally, 24/7 with a potential audience of over 400,000 people around the University.

The University, as a non-profit organization, was granted the "non-commercial-educational" license by the FCC to promote community control of the airwaves with an educational mission.

KXSU, staffed by almost 200 students, provides hyper-local content that encourages community engagement, for example:

- The KXSU Winterfest concert every January is a fundraiser for [Peace for the Streets by Kids from the Streets](#).
- It underwrites opportunities for local organizations and businesses wishing to reach KXSU listeners.
- Broadcasts public service announcements relevant to the community.

STREET ACTIVATING USES – Innovation & Entrepreneurship Center



- The IEC equips SeattleU students so they can apply entrepreneurship theory and innovation to solve real-life problems, launch new ventures that reflect their core values, interests, and talents, and advance the common good through social entrepreneurship and business innovation. It annually engages and serves hundreds of students, alumni, volunteers, and local businesses.
- One outreach example is the **Resource Amplification and Management Program (RAMP.UP)**. It helps underserved neighborhood businesses to stay, grow and thrive as Seattle rapidly expands. Building relationships over time, trained SeattleU teams of students and alumni are paired with business owners, under the supervision of experienced business mentors, learning and growing together in a community/business/campus network, while establishing a strong trust and rapport.
- *“Partnerships between university business schools and businesses are not new. What sets RAMP apart is its emphasis on accountability over time. Participating businesses can count on a dedicated SU team over a longer, more strategic time frame. The team connects businesses with existing resources and providers. That is the real value of RAMP.”*
- ~ Doris Koo, Yesler Community Collaborative

STREET ACTIVATING USES – Center for Community Engagement

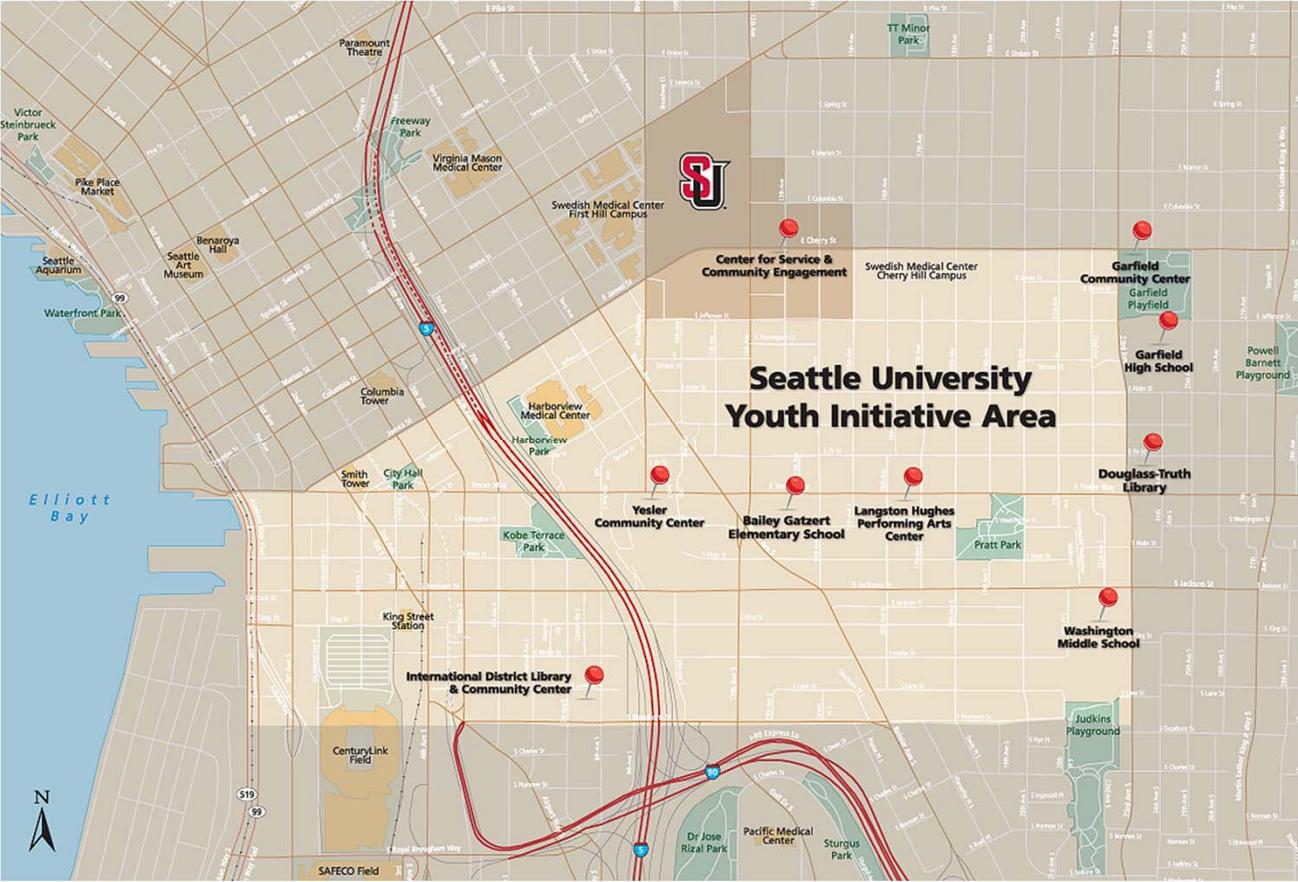
The Seattle University
Youth Initiative

A campus and its
neighborhoods in
partnership



STREET ACTIVATING USES – Center for Community Engagement

The SUYI Neighborhood



SUYI's Four Pillars

- Successful Youth
- Thriving Communities
- An Engaged University
- A National Network

Successful Youth



- Advocating for early learning
- Extending the school day
- Expanding summer learning
- Mobilizing mentors
- Hosting Middle College High School
- Convening youth serving organizations

Thriving Communities

- Engaging parents
- Advocating for affordable housing
- Incubating small businesses
- Contributing to public safety
- Providing tax assistance
- Supporting access to health care
- Investing in arts and culture



An Engaged University

- 191 faculty engaging over 3,341 students in 429 courses with a service-learning component
- 300 students in Serve Local year-long commitment
- Created \$1 million endowed scholarship for neighborhood youth to attend Seattle University
- Racial equity trainings for all students serving in SUYI Schools
- 100 community partnerships



A National Network

- 25 universities and growing
- Annual Institute to share learning
- Support from Annie E. Casey Foundation
- New book by two Seattle U authors on Place-Based Community Engagement in Higher Education



STREET ACTIVATING USES – Center for Community Engagement

The Progress



- In SUYI's first year (2012), Bailey Gatzert Elementary had the highest academic growth rate of any school in Seattle. In 2014, English Language Acquisition Award.
- Washington Middle School students working with SU Academic Mentors: Preliminary data shows an increased rate of students passing all courses from 60% to 87.5%.
- SUYI investments over five years of \$10 million were leveraged into \$40 million in new funding for affordable housing, education and health care at Yesler Terrace and in the wider neighborhood.
- SUYI has led to deeper and more frequent opportunities for faculty, staff and student involvement.

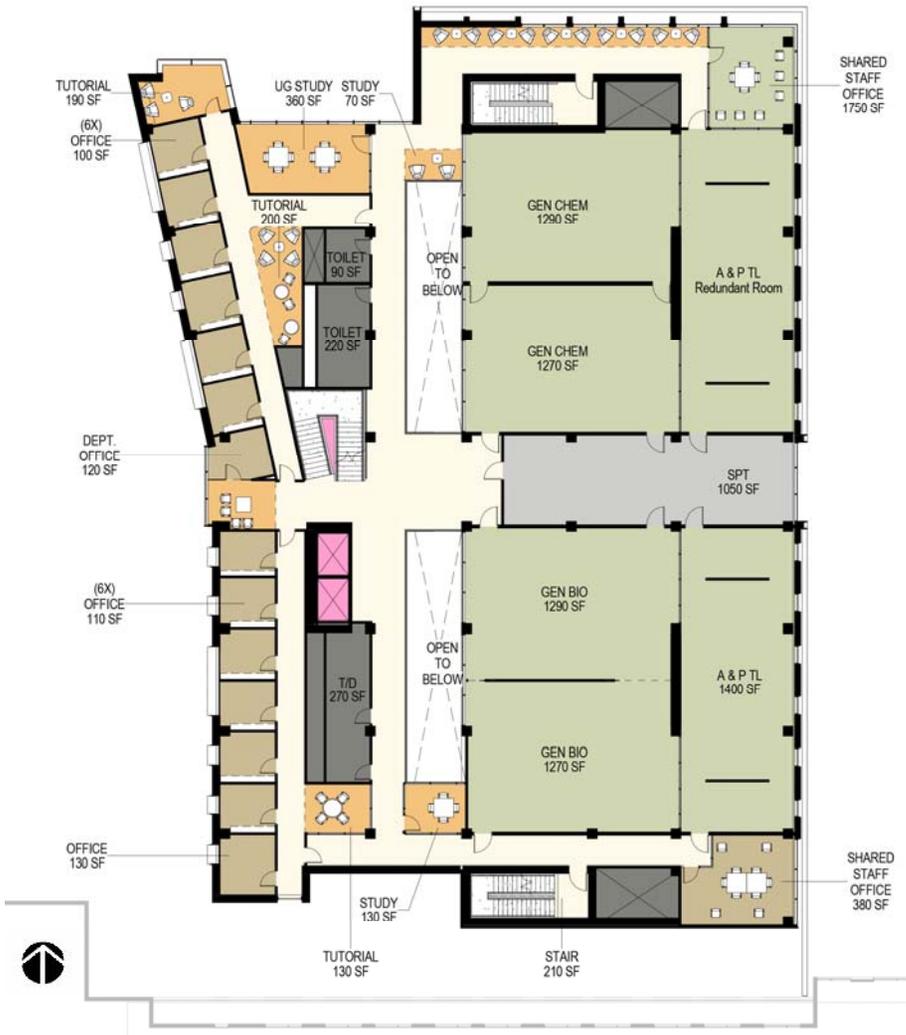
BUILDING PLANS AND USES



Second Floor Plan

- Function expressed in two blocks:
 - Science labs
 - Faculty offices
- Street activating uses:
 - KXSU radio station
- Expressed places of Gathering:
 - University Commons
 - Presidential Dining Room

BUILDING PLANS AND USES



Third, Fourth and Fifth Floor Plans

- Science labs, offices, student spaces
- Function expressed in two blocks:
 - Science labs
 - Faculty offices
- Expressed places of Gathering

Building Exterior

BUILDING EXTERIOR



Relationship to context
scale and grain

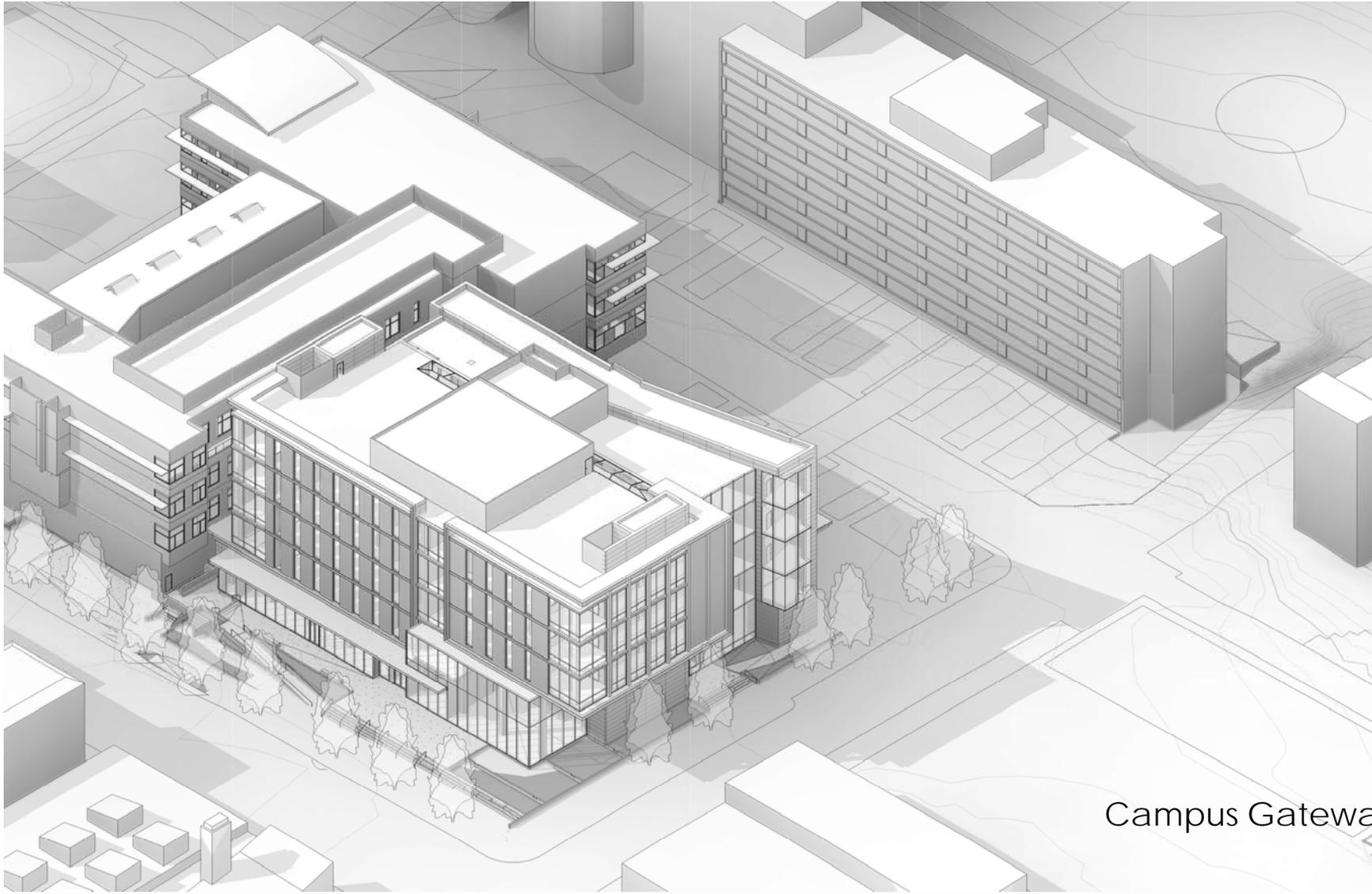


BUILDING EXTERIOR

Relationship to context scale and grain
Entry Precedents



BUILDING EXTERIOR



Campus Gateway Building

BUILDING EXTERIOR



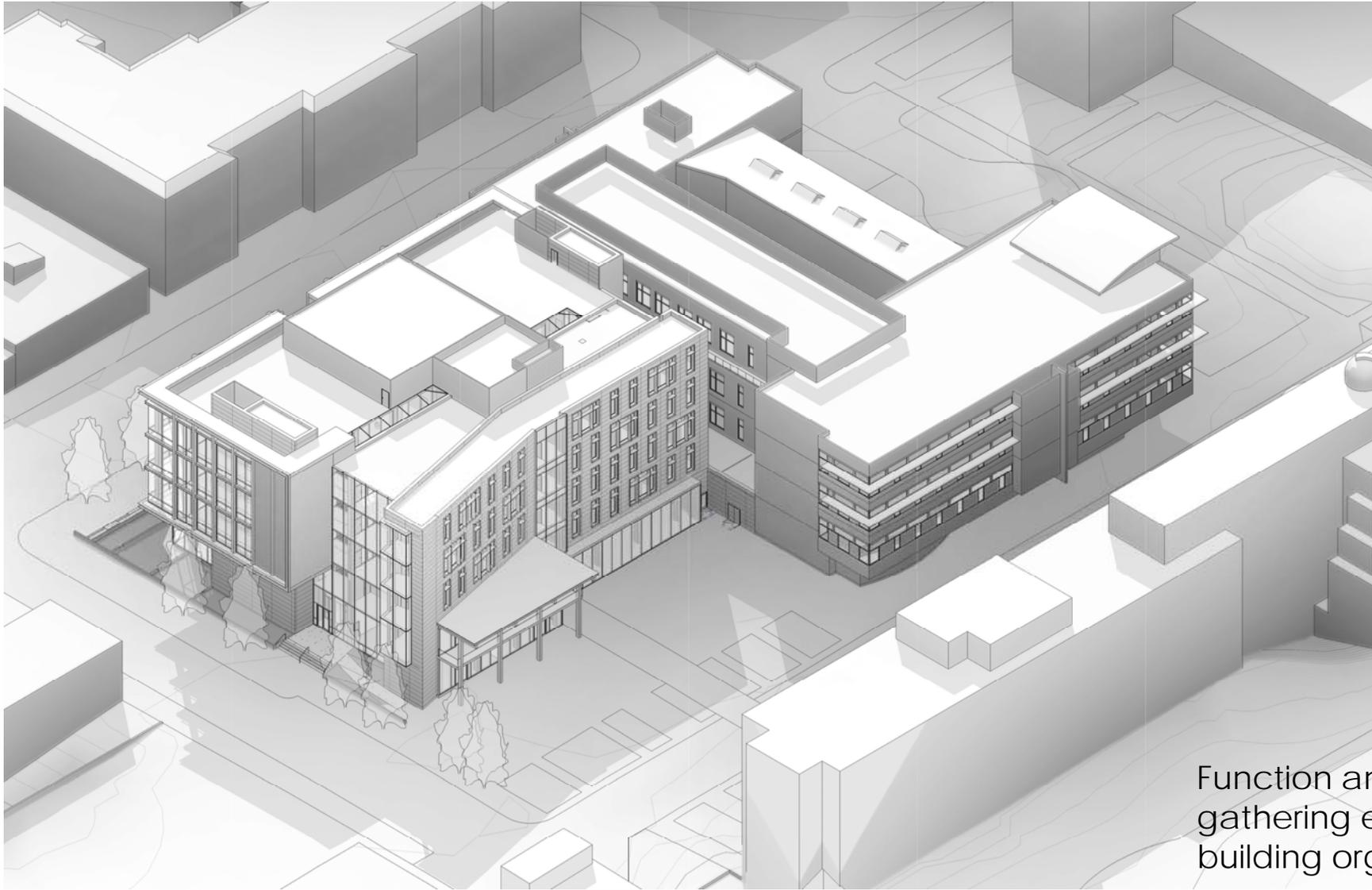
Campus Gateway Building

BUILDING EXTERIOR

Building entry along 12th Avenue
Storefront at street activating uses



BUILDING EXTERIOR



Function and places of gathering expressed in building organization

BUILDING EXTERIOR



Function and places of gathering expressed in building organization

BUILDING EXTERIOR

Function and places of gathering expressed in building organization



CSI Next Steps

- Complete Schematic Design
- Review Final Schematic Design with SAC on February 6th

Conclusion

Comments or Questions?