

Foster School of Business - Founders Hall

28 October 2019 UW Architectural + Landscape Commission



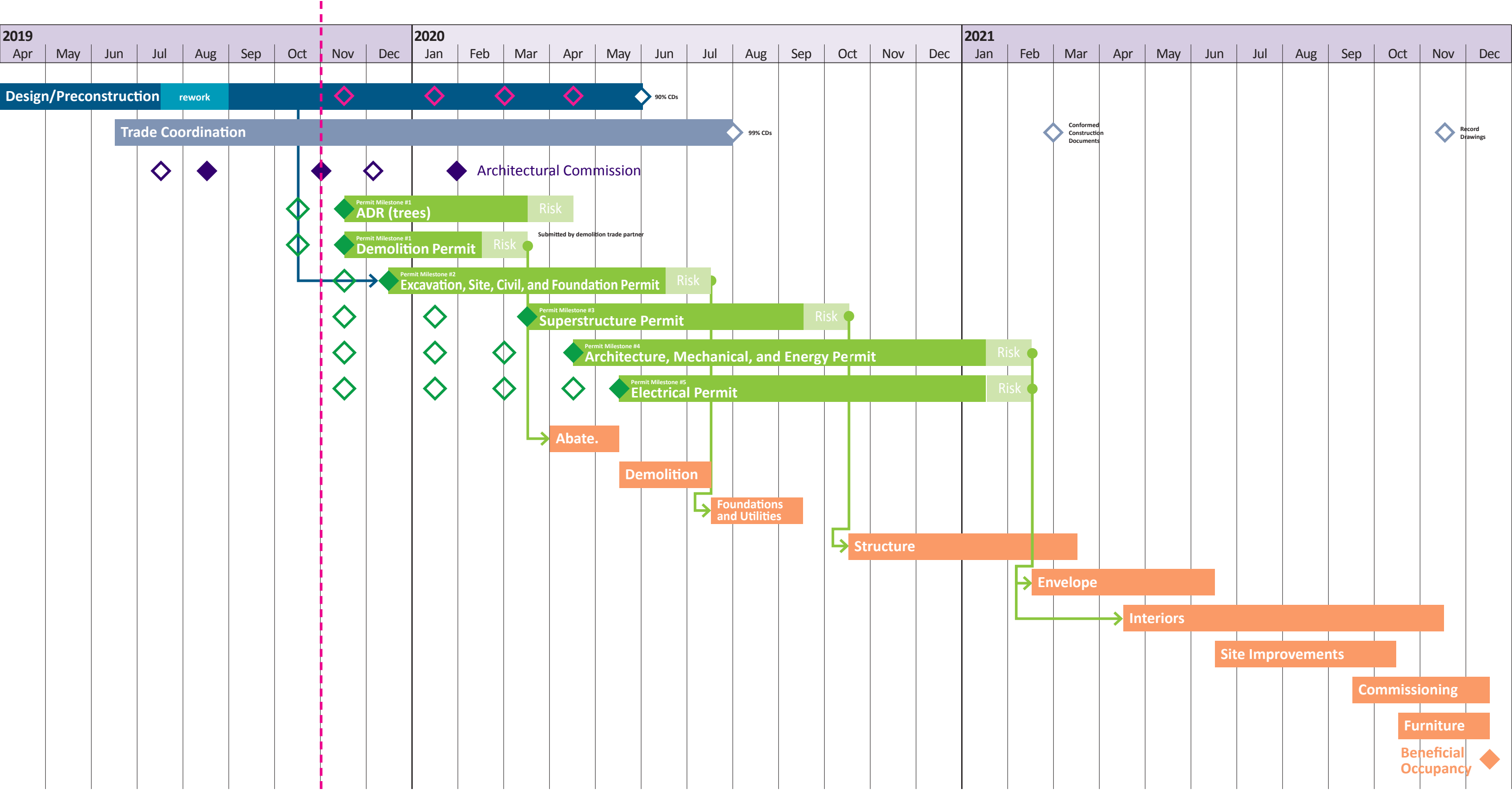
Foster School
Expansion

HOFFMAN + LMN

Foster School of Business - Founders Hall Project Goals

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.

Milestone Schedule



Meeting Agenda

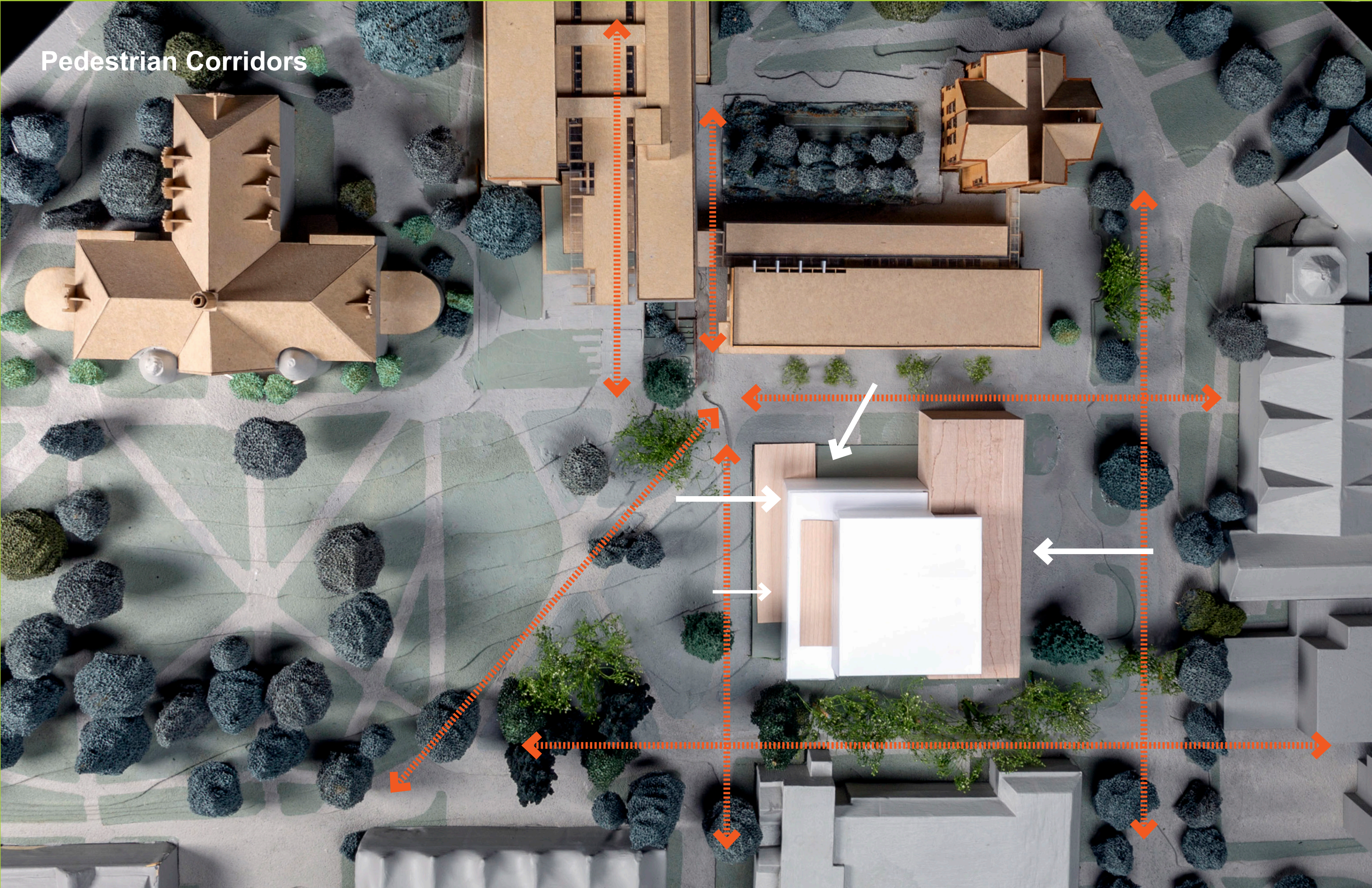
1. Building, Site and Campus Integration
2. Site Design Development
3. Facades Design Introduction

BUILDING / SITE / CAMPUS INTEGRATION

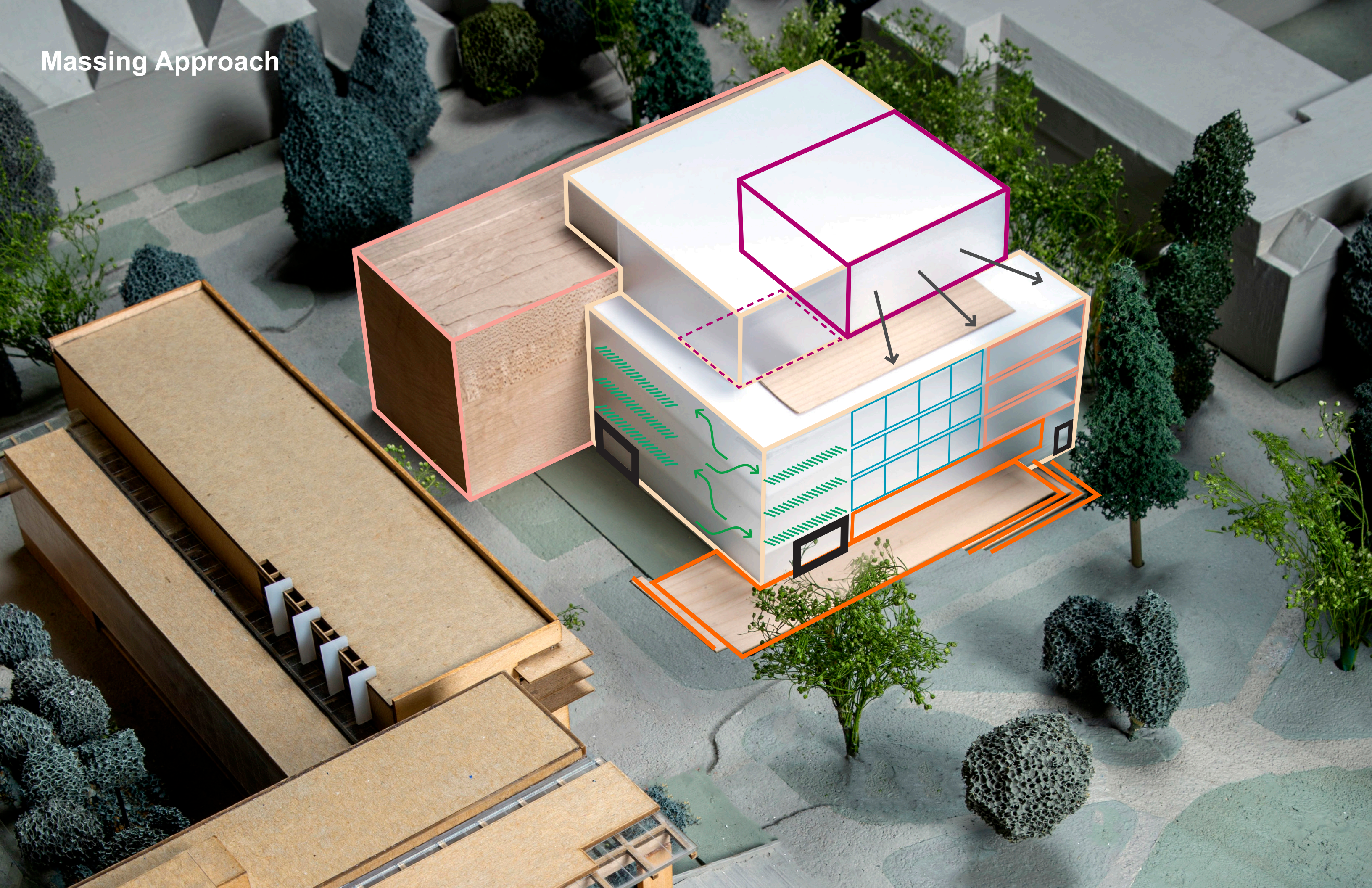
Building / Site Relationships



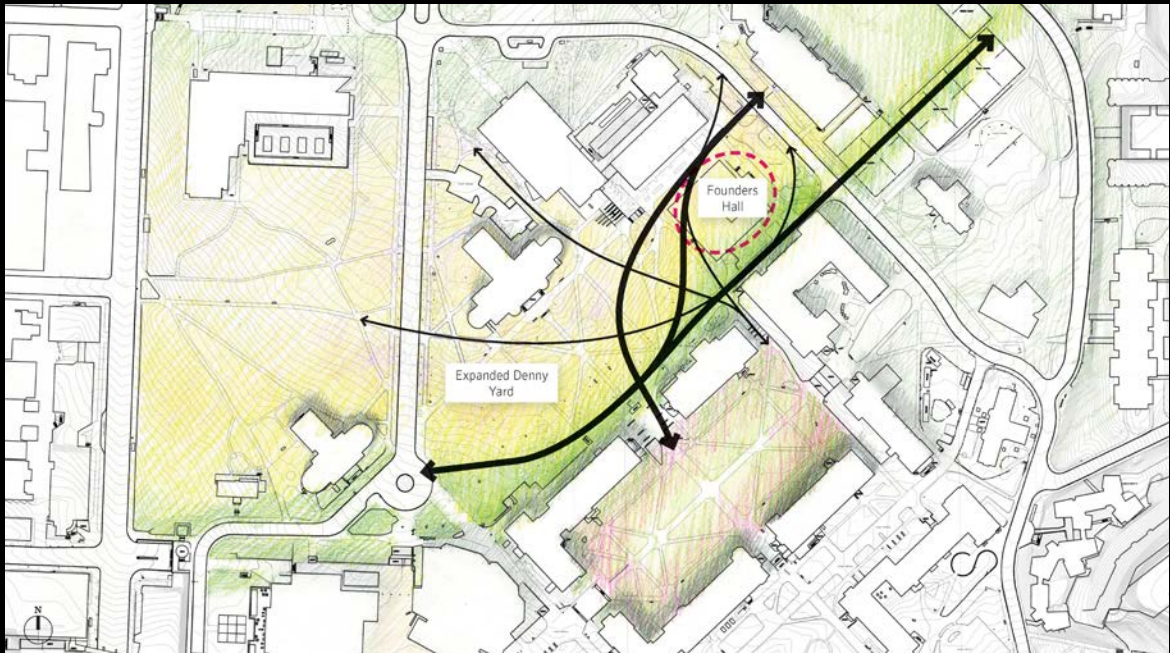
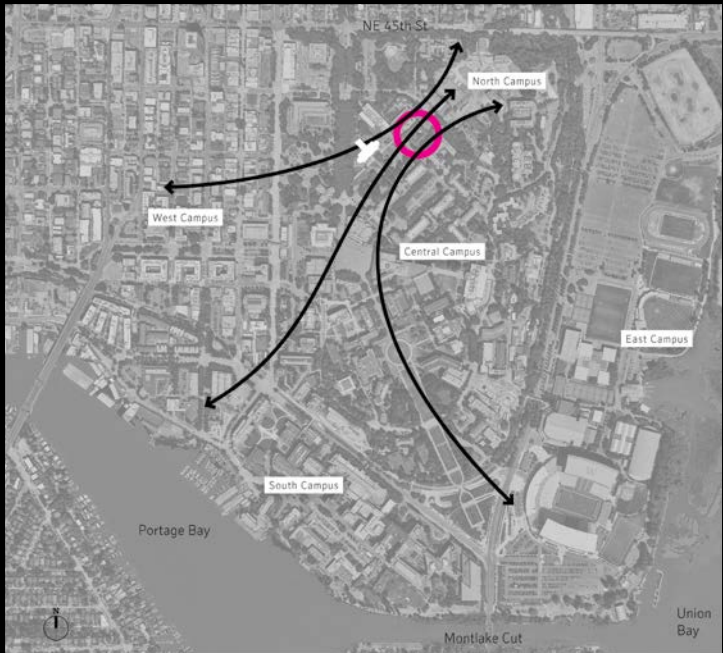
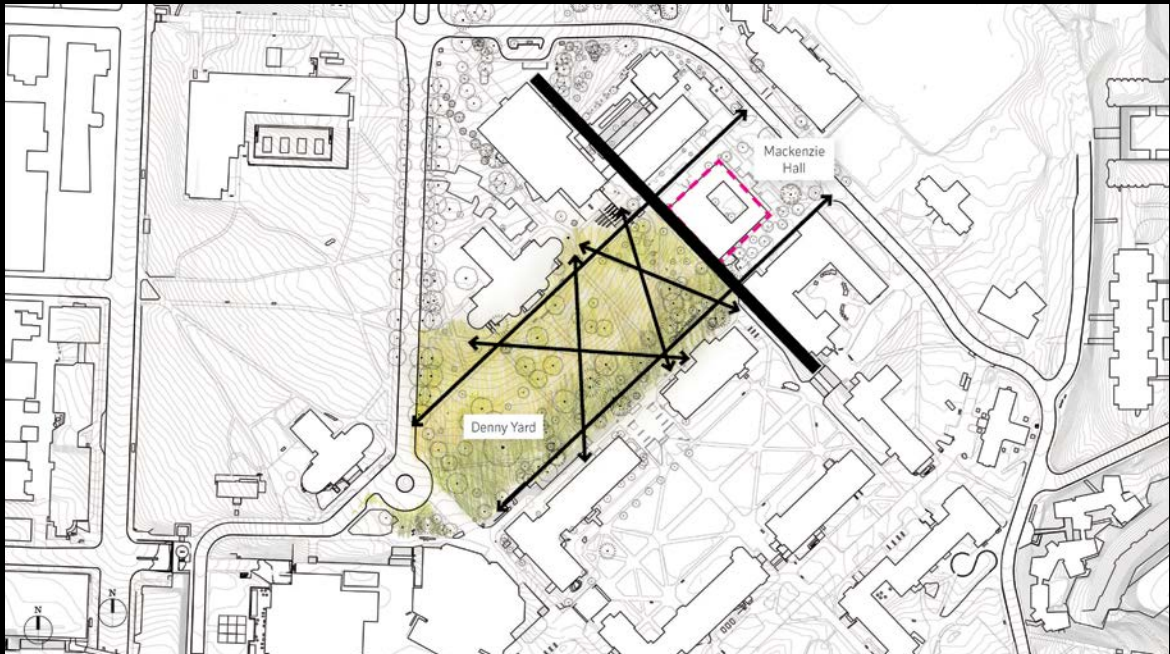
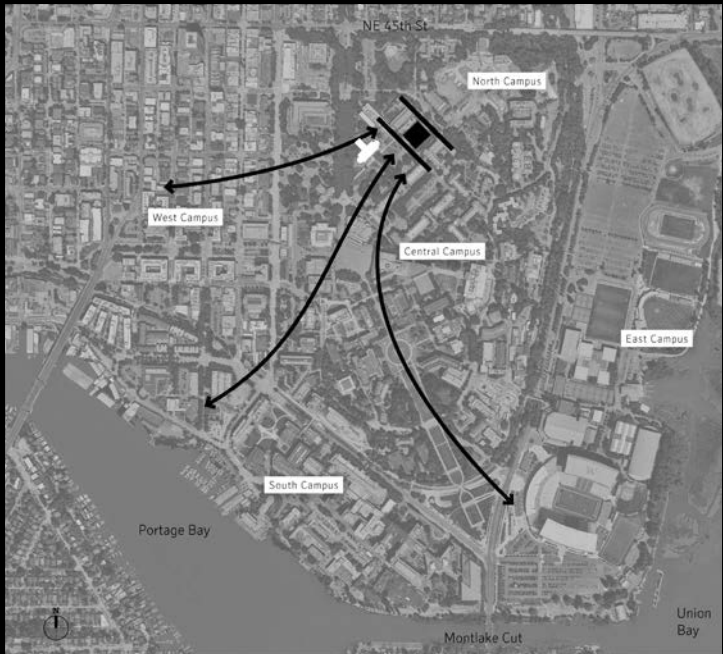
Pedestrian Corridors



Massing Approach



Denny Yard Design Goals



Honor the hill:

Denny Yard is a noble hill and majestic landscape in the picturesque tradition

Wall into gateway:

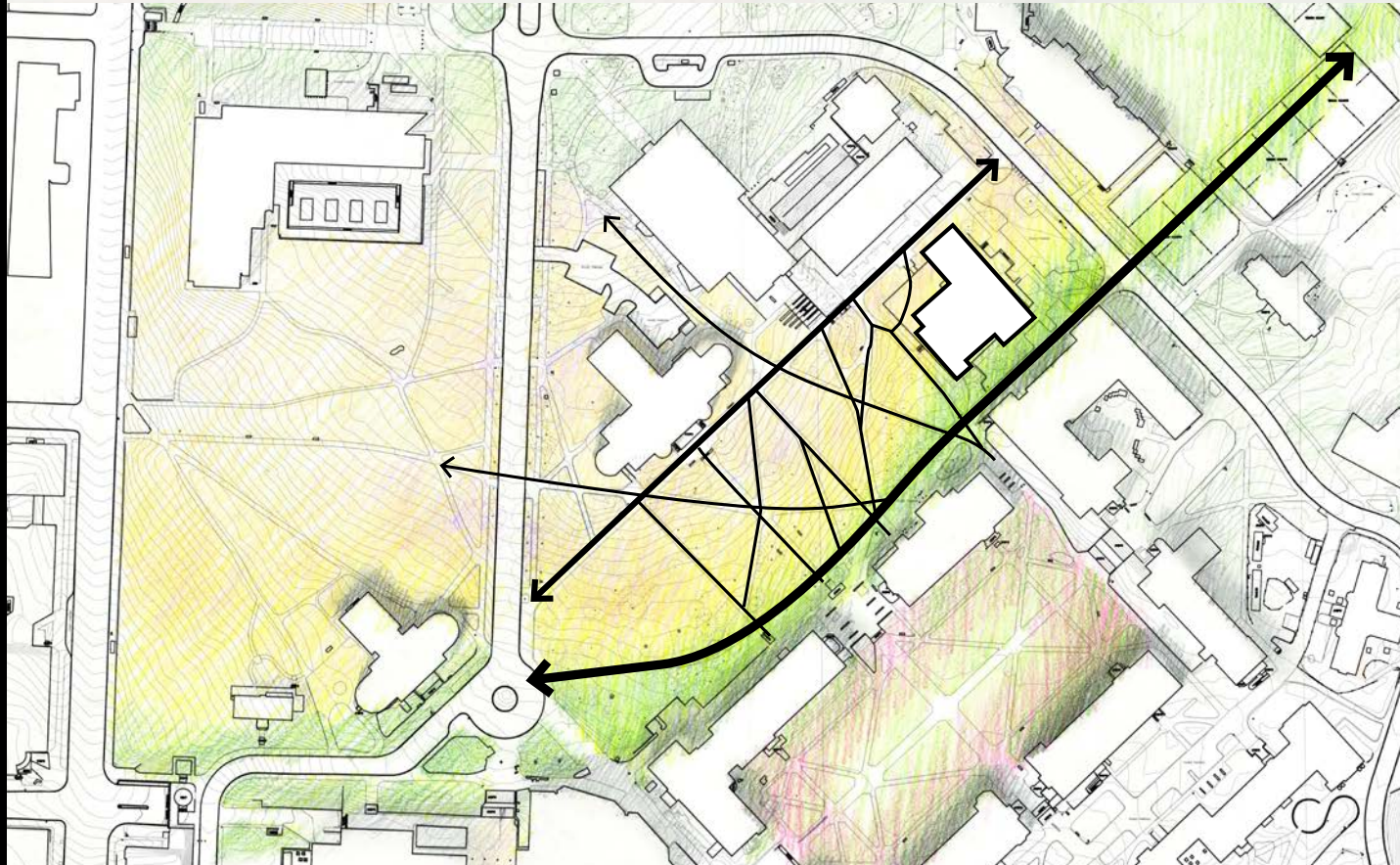
Axes and corridors connecting corners of campus to the heart

Founders Hall sits within Denny Yard:

Support elegant circulation connections that follow pedestrian desire lines through Denny Yard and greater campus

SITE DESIGN DEVELOPMENT

Celebrating the PNW Forest



Current Scheme: Circulation

Denny Yard Circulation

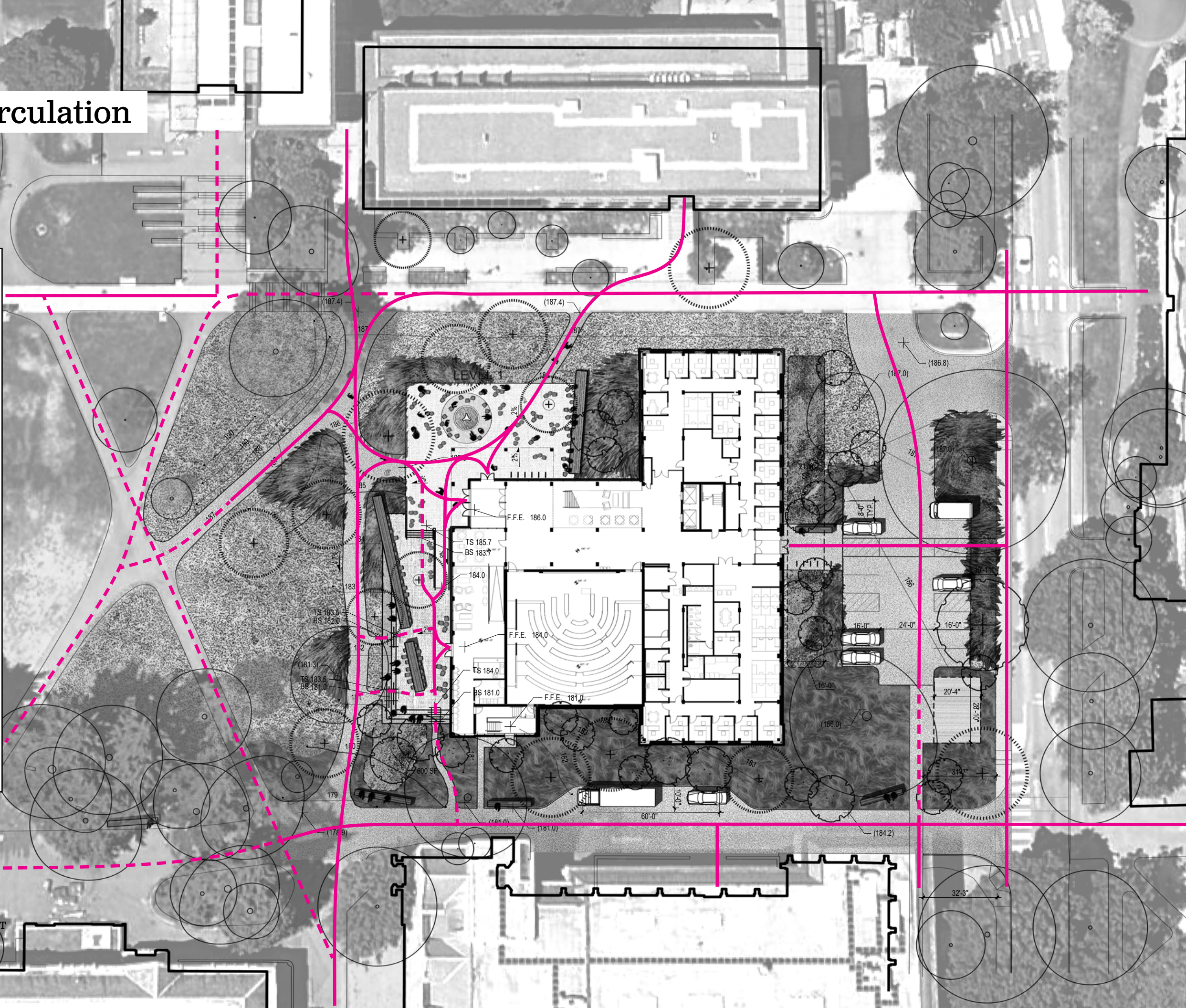
- Direct, standalone accessible path connects Chelan Lane to Klickitat Lane
- Prioritize broader campus desire lines from Quad to north campus and 45th St

Forest Promenade

- Forest promenade reaches from Chelan Lane across Denny Yard to wrap and integrate into the columnar wood beams of Founders Hall architecture

- Accessible Routes
- - - Non-Accessible Routes

SCALE: 1" = 40' 0 10 20 40 80 FEET



Current Scheme : Two distinct terraces with small sub-spaces within

North Entry Terrace

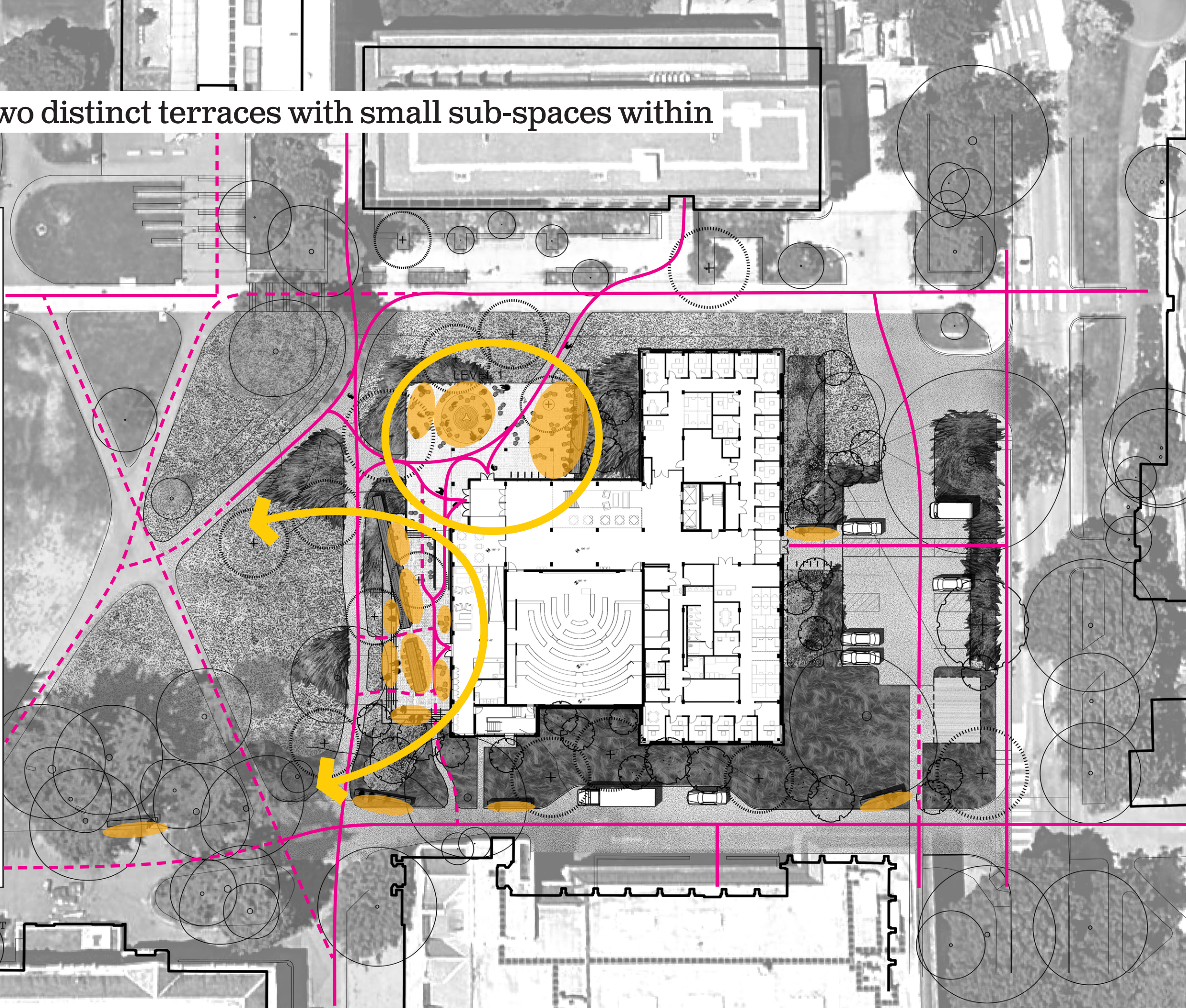
- Nestled into the hillside, a long bench frames the space
- Tsutakawa fountain creates a social center

South Cafe Terrace

- Terrace and cafe step down to follow slope of Denny Yard
- South end of terrace is elevated like a treehouse platform within the forest promenade
- SW corner acts as a beacon lantern, activating corner of Denny Yard and Chelan Lane
- Facing Denny Yard, a community table provides opportunity to enjoy the view

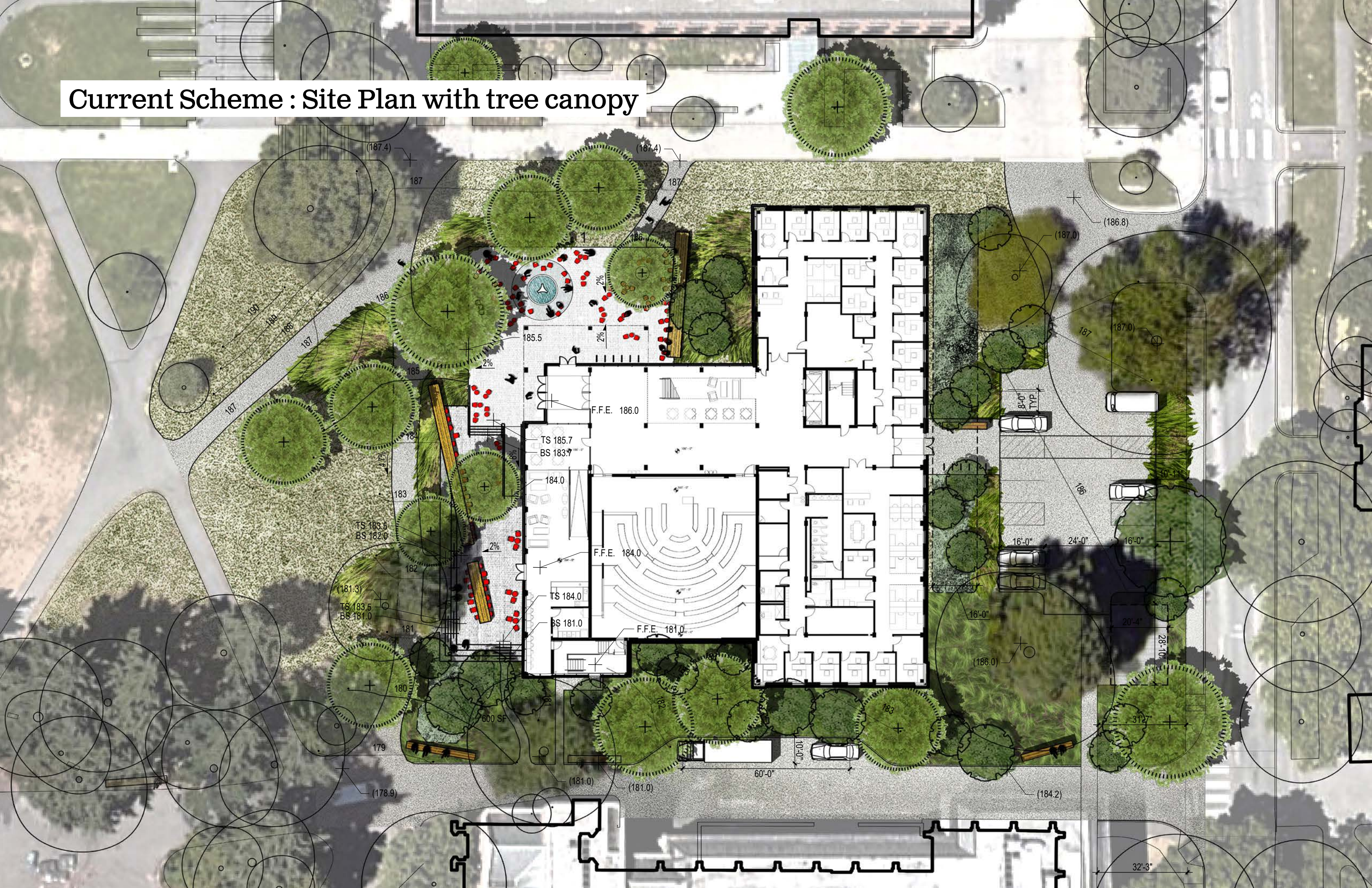
— Accessible Routes
- - - Non-Accessible Routes

SCALE: 1" = 40' 0 10 20 40 80 FEET



Current Scheme : Site Plan

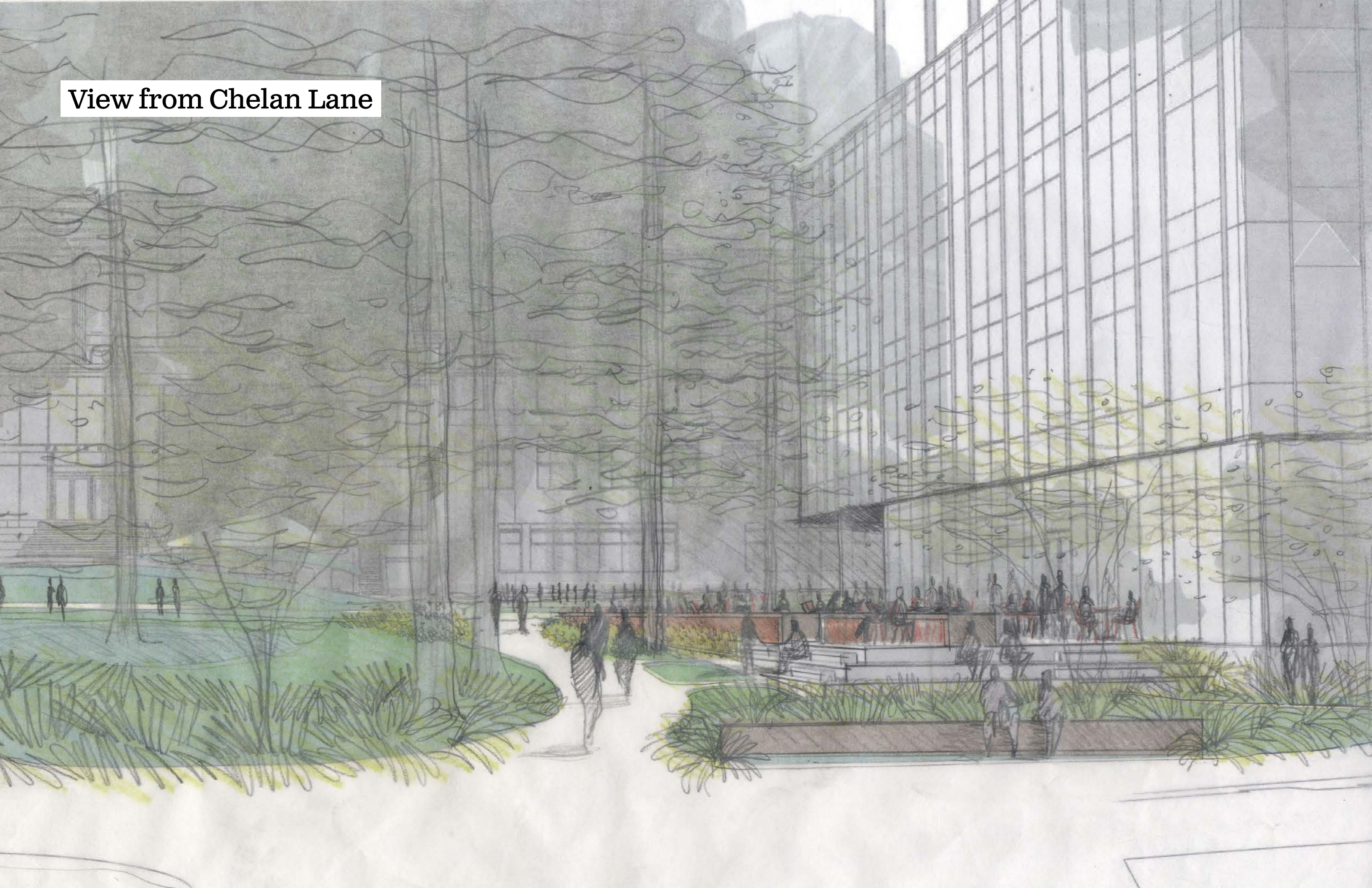
Current Scheme : Site Plan with tree canopy



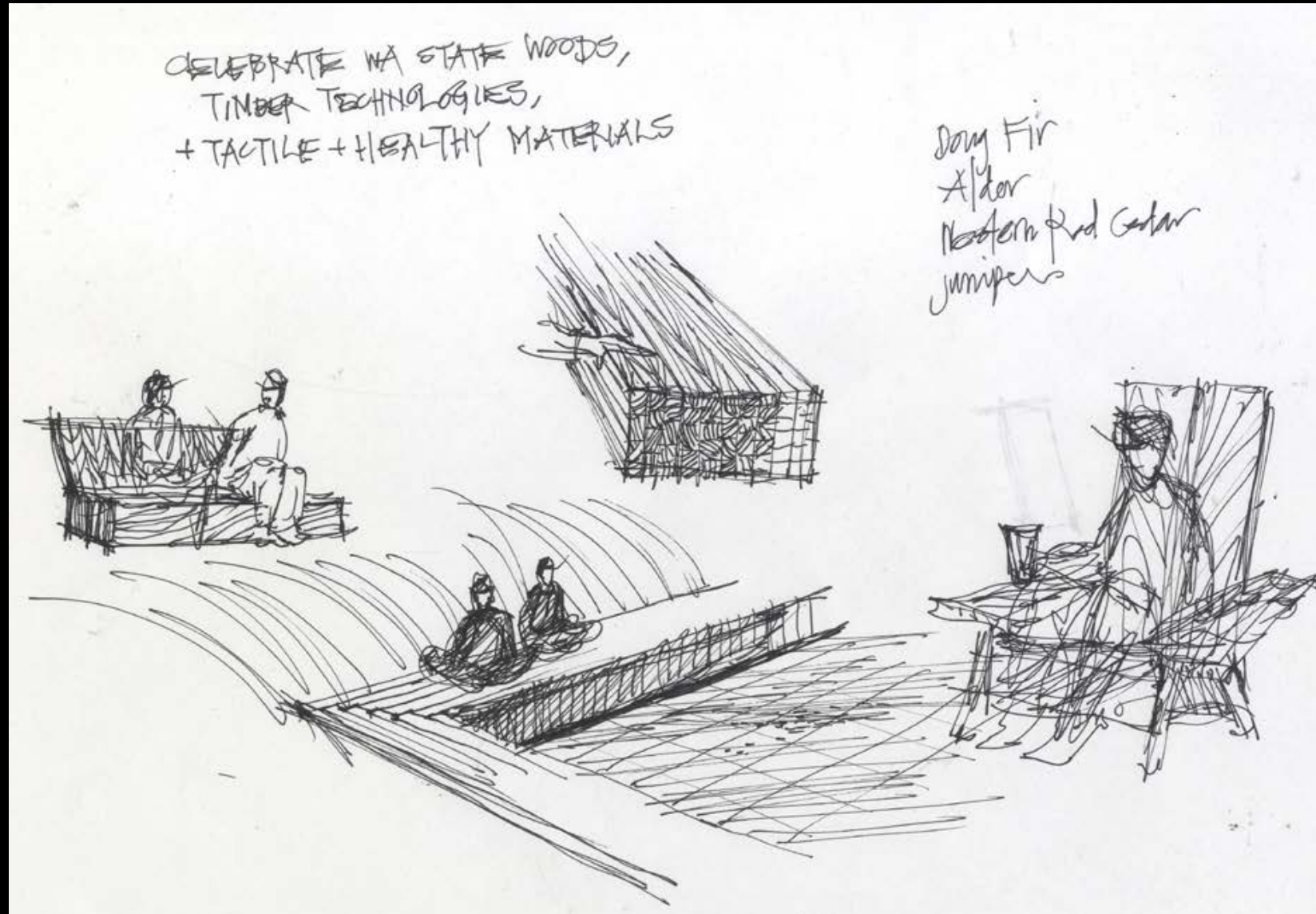
View from Klickitat Lane



View from Chelan Lane



Celebrating the PNW Forest



Wooden site furnishings
Bill and Melinda Gates Foundation

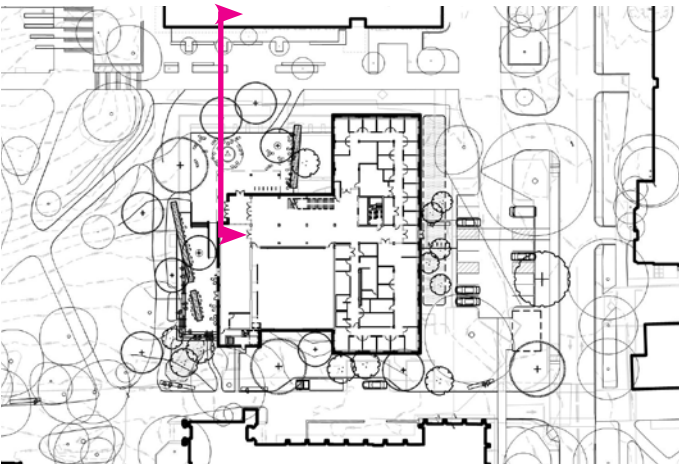


Wooden Light Box

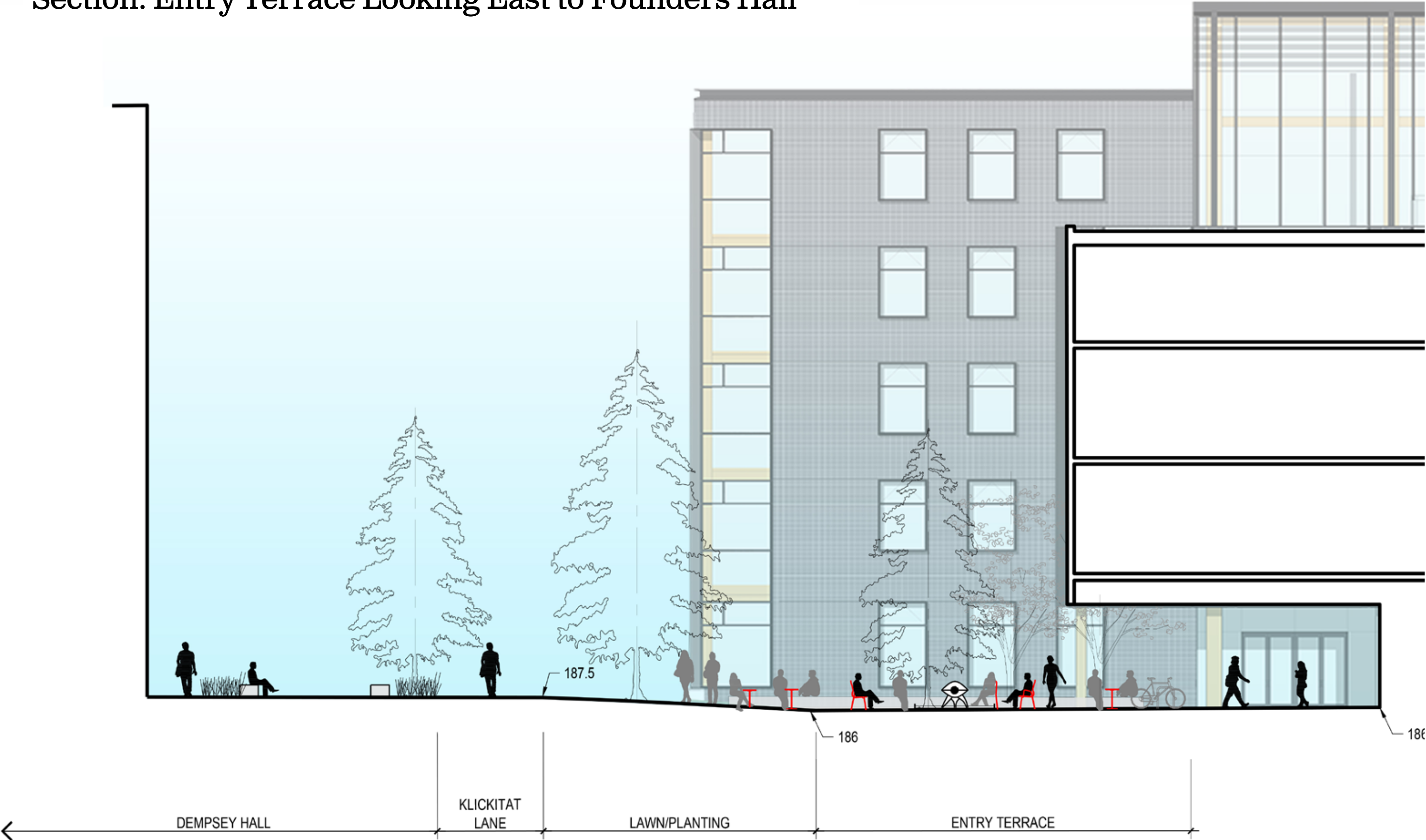
Section: Entry Terrace Looking East to Founders Hall



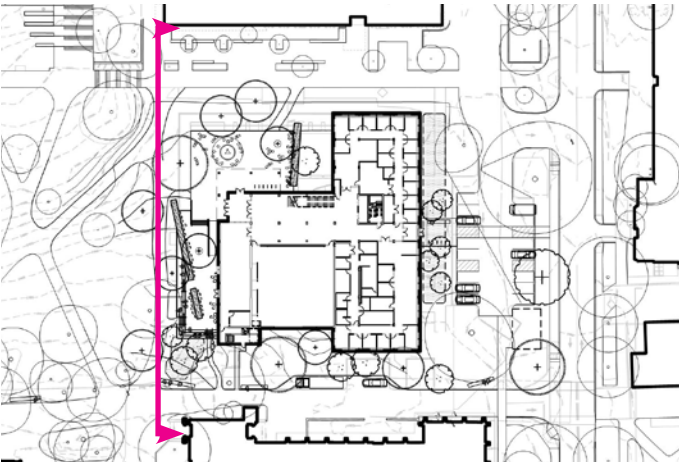
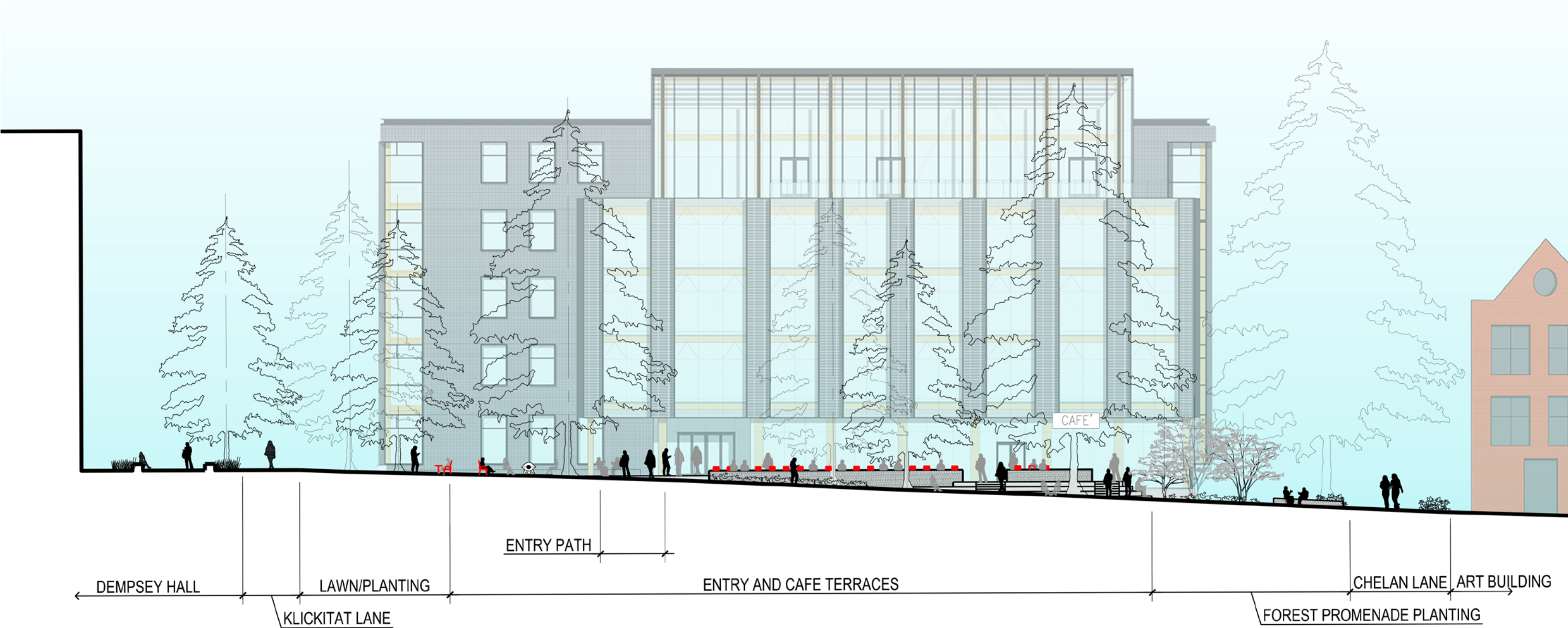
Tsutakawa Fountain



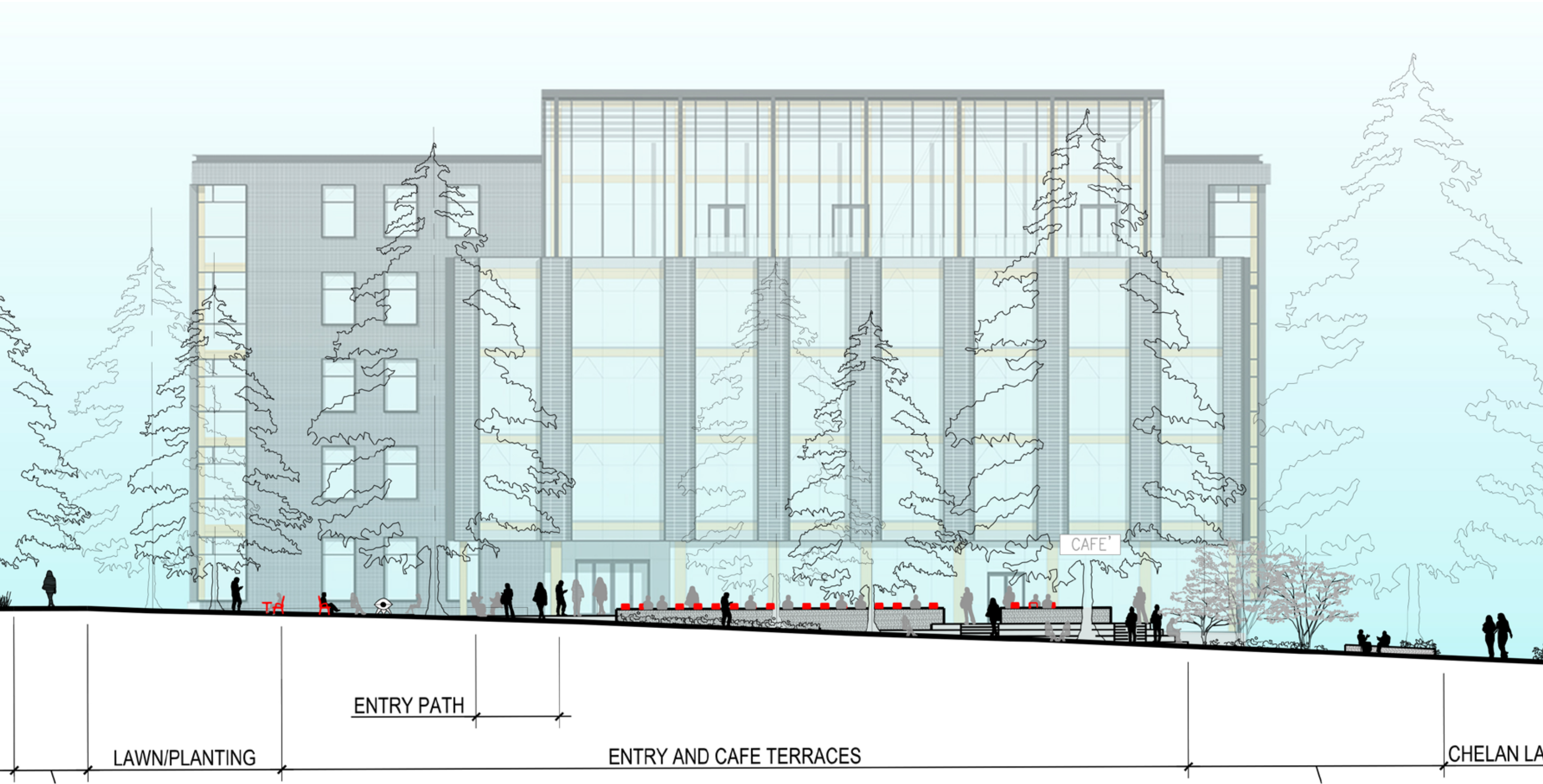
Section: Entry Terrace Looking East to Founders Hall



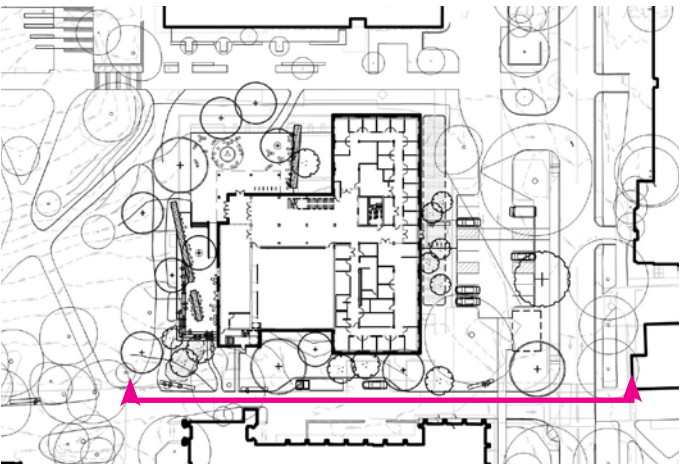
Section: Denny Yard Looking East to Founders Hall



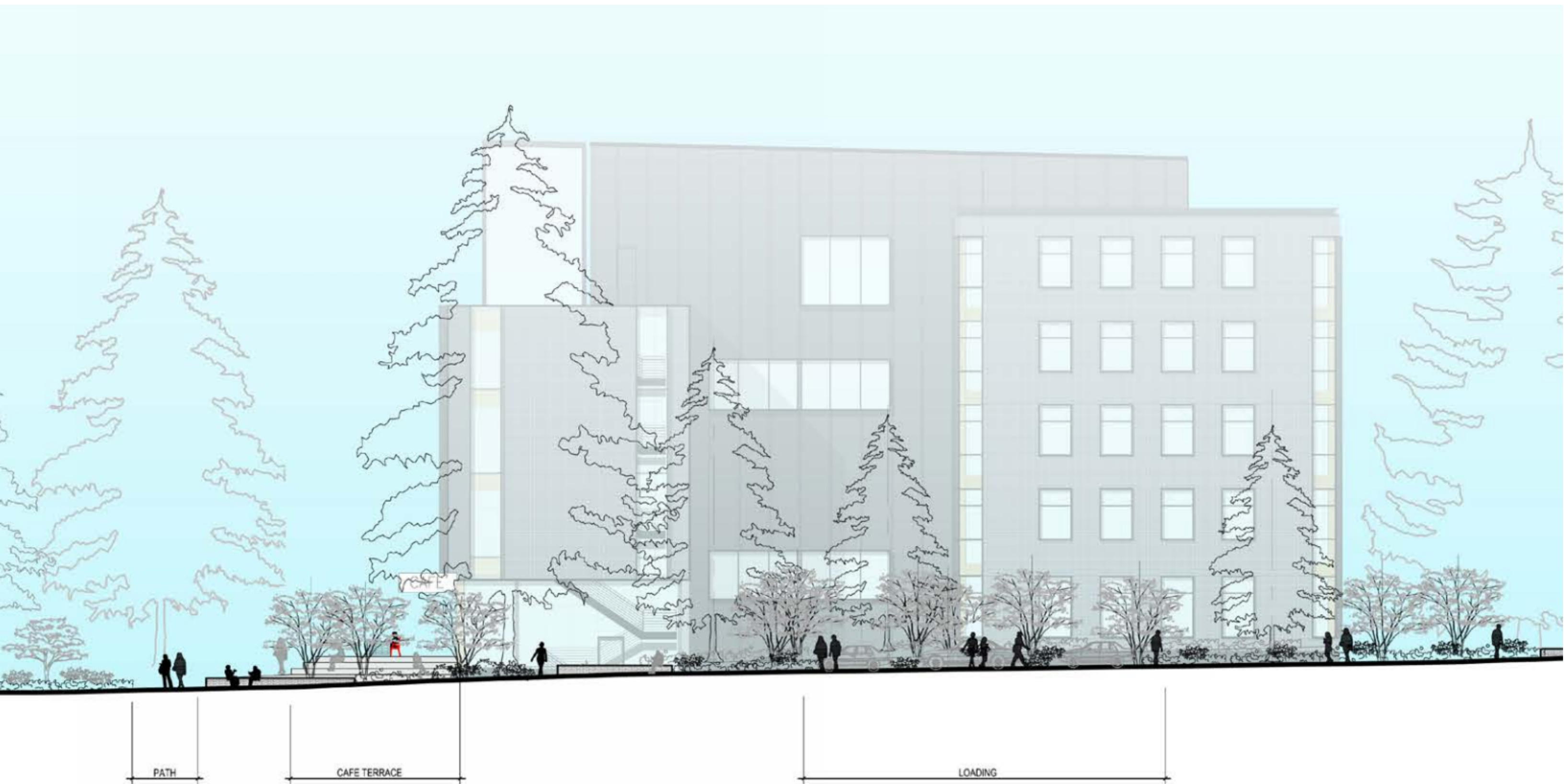
Section: Denny Yard Looking East to Founders Hall



Section: Chelan Lane Looking North to Founders Hall



Section: Chelan Lane Looking North to Founders Hall



FACADES DESIGN APPROACH

Facades Strategy

- **Complement the character** of the existing Foster School of Business buildings, and the surrounding campus architecture
- Reveal the **Heavy Timber** structural system as part of the building expression
- Engage the **pedestrian experience** on all sides
- Reinforce the concept of a '**Building within the Forest**' with vertical elements and views
- Contribute to a **high-performance building** ecosystem

DENNY YARD MASONRY TRADITIONS



FOSTER SCHOOL OF BUSINESS CHARACTER



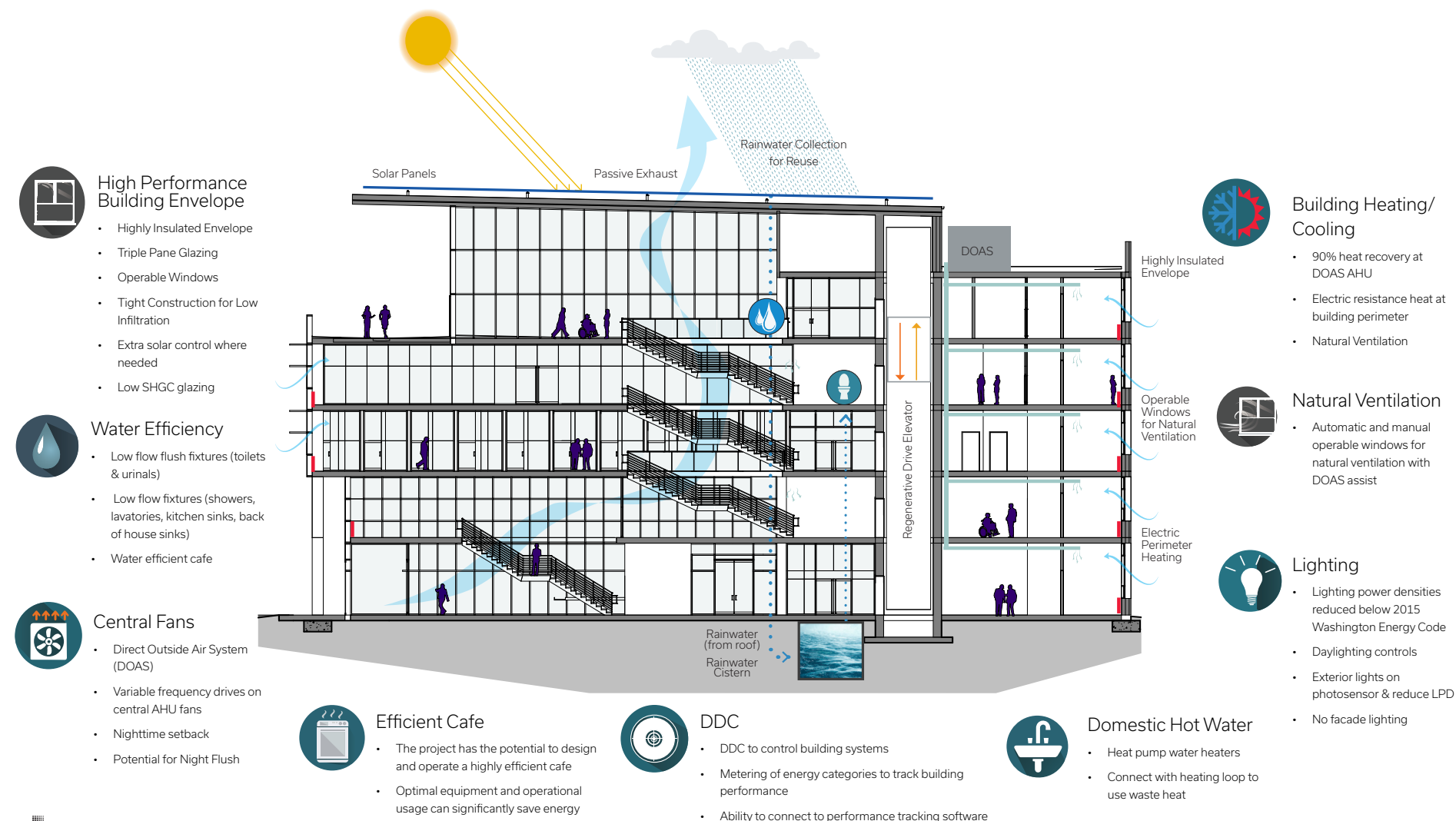
HIGH PERFORMANCE ENVELOPE



ENERGY EFFICIENT MECHANICAL SYSTEMS

- Highly-insulated walls
- Air-tight building envelope
- High-performance glazing
- Sun shades to reduce solar heat gain
- Operable windows
- Daylighting for workspaces

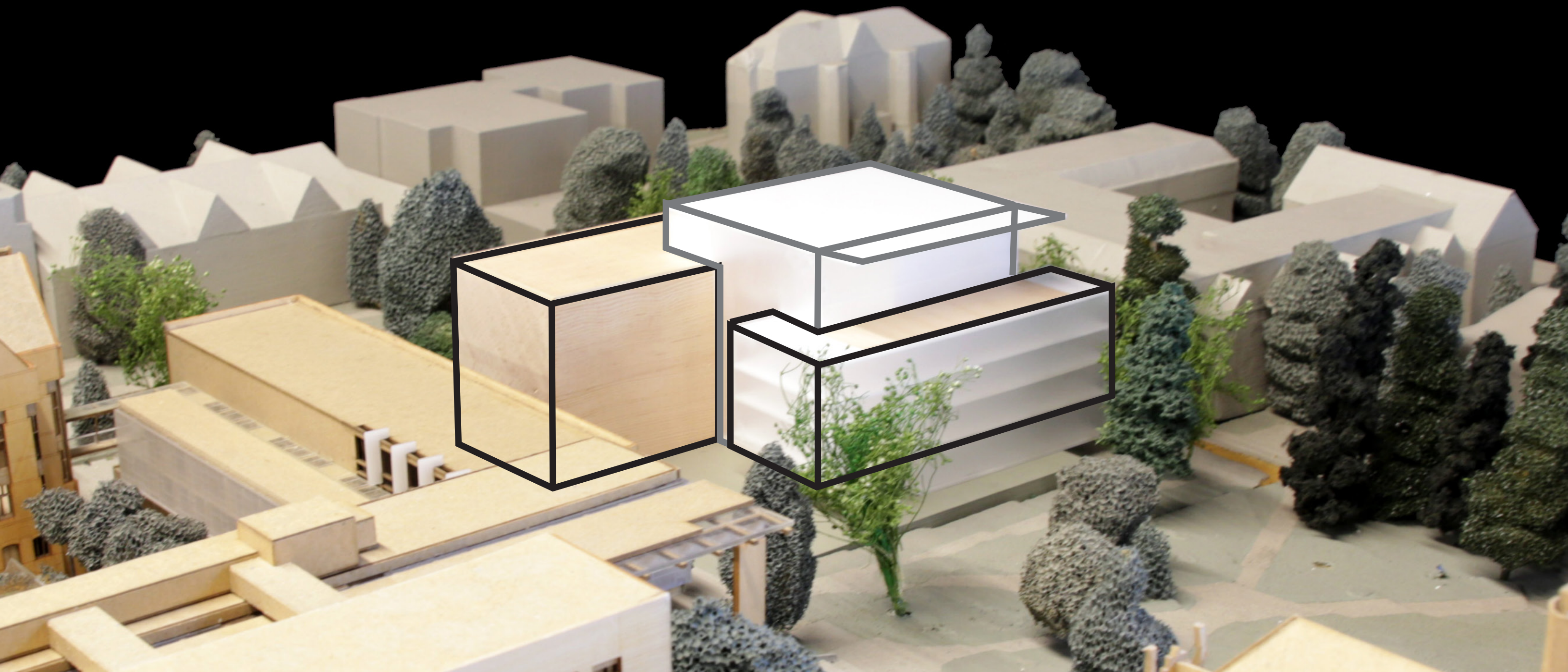
- 90% Heat recovery DOAS + Natural ventilation
- Air-cooled chiller
- Automated operable windows / night flush
- Ceiling fans for thermal comfort
- Perimeter electric heat



OFFICE

COMMUNITY

TEAM



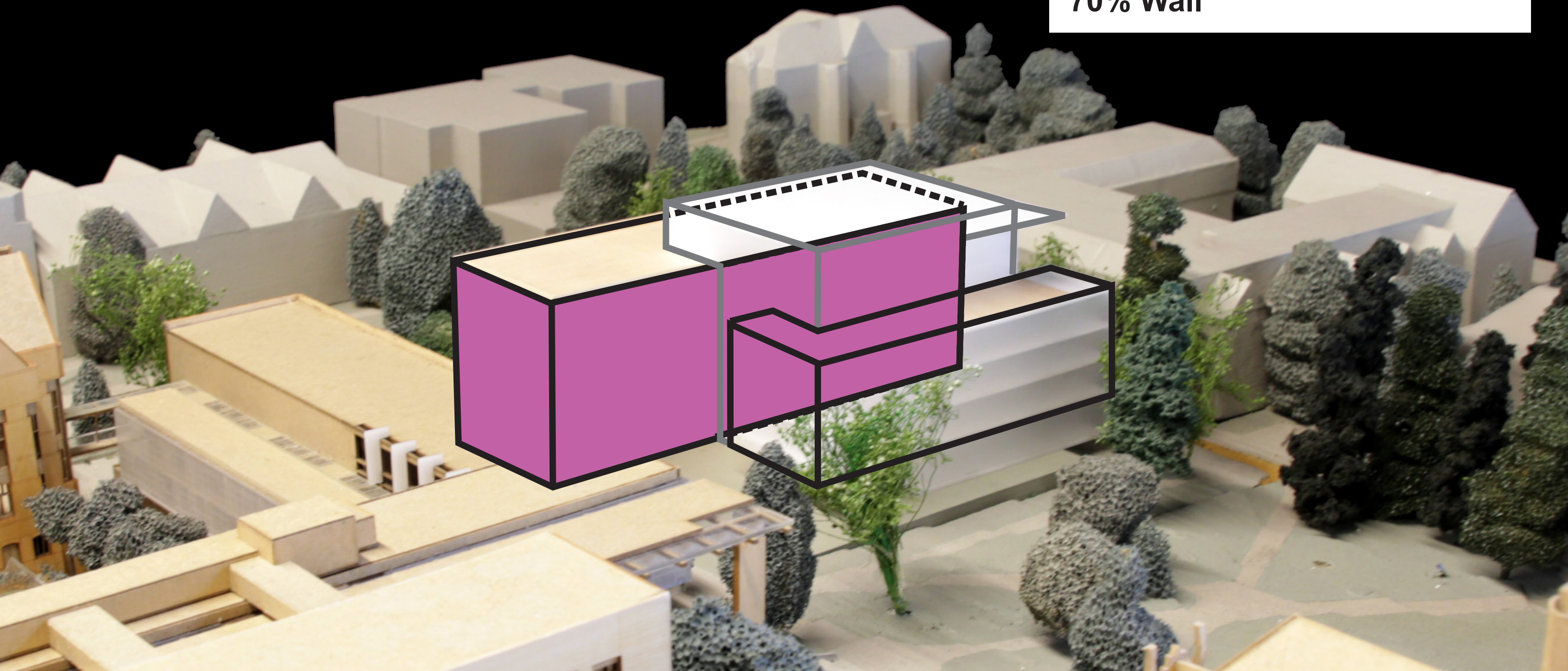
OFFICE FACADES

**OFFICE
FACADE
DRIVERS:**

North-East Orientation

**Highly Insulated Walls
Natural Ventilation
Daylight to Workspaces**

**30% Windows
70% Wall**

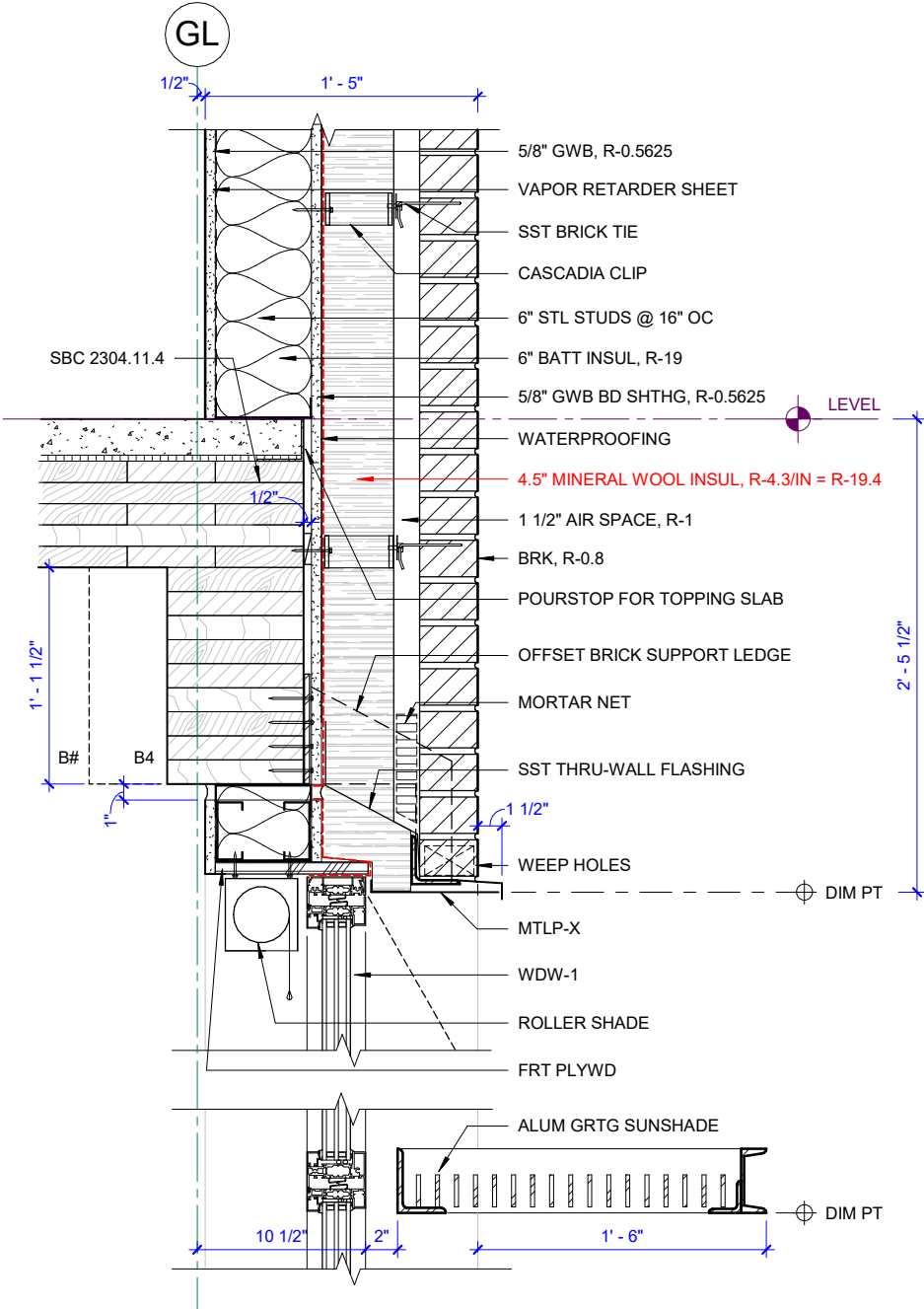


Expression of Interior Program

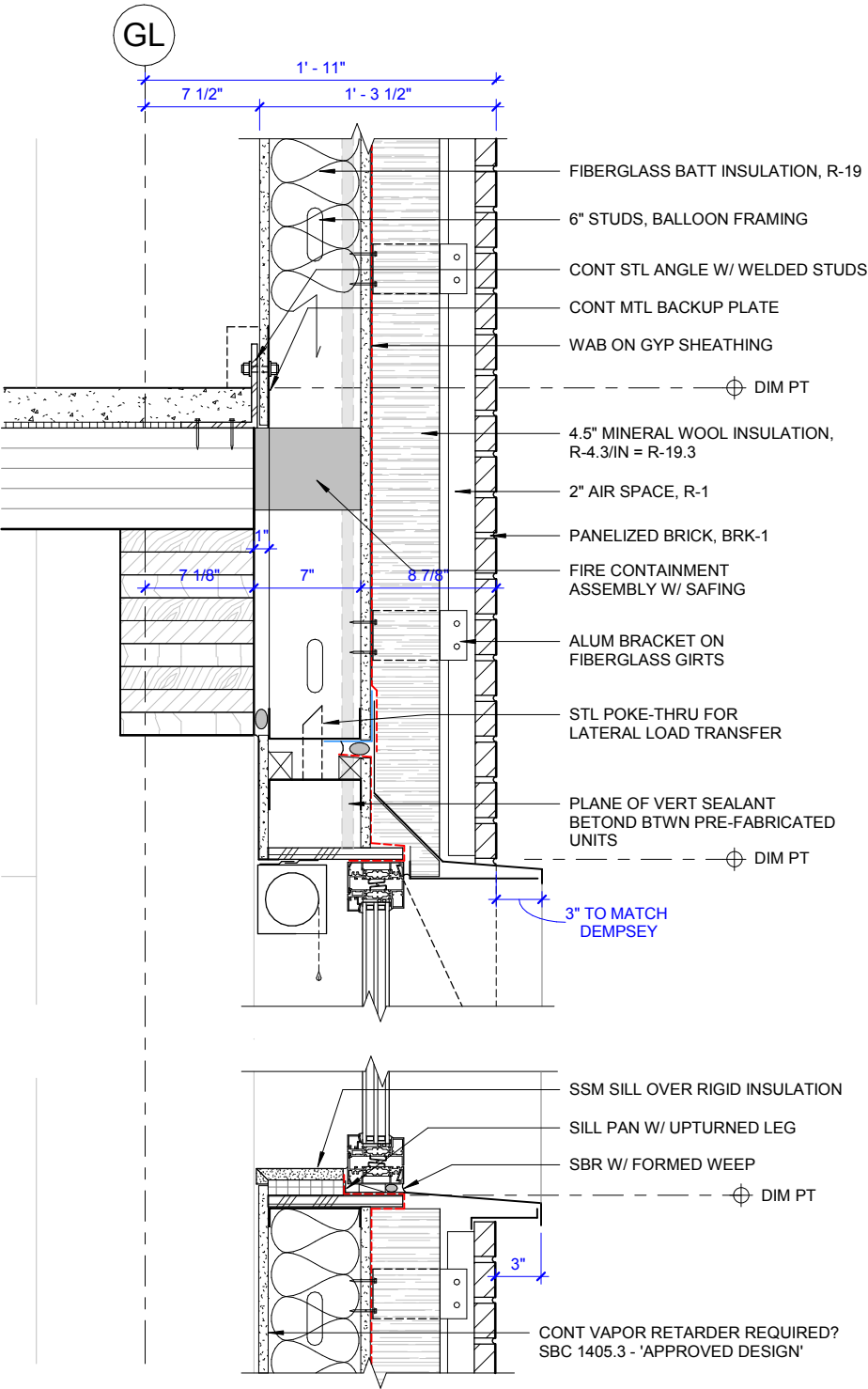


WALL ASSEMBLY: BRICK SYSTEM (R-30 Target)

30% Windows + 70% Opaque Wall



Traditional Brick

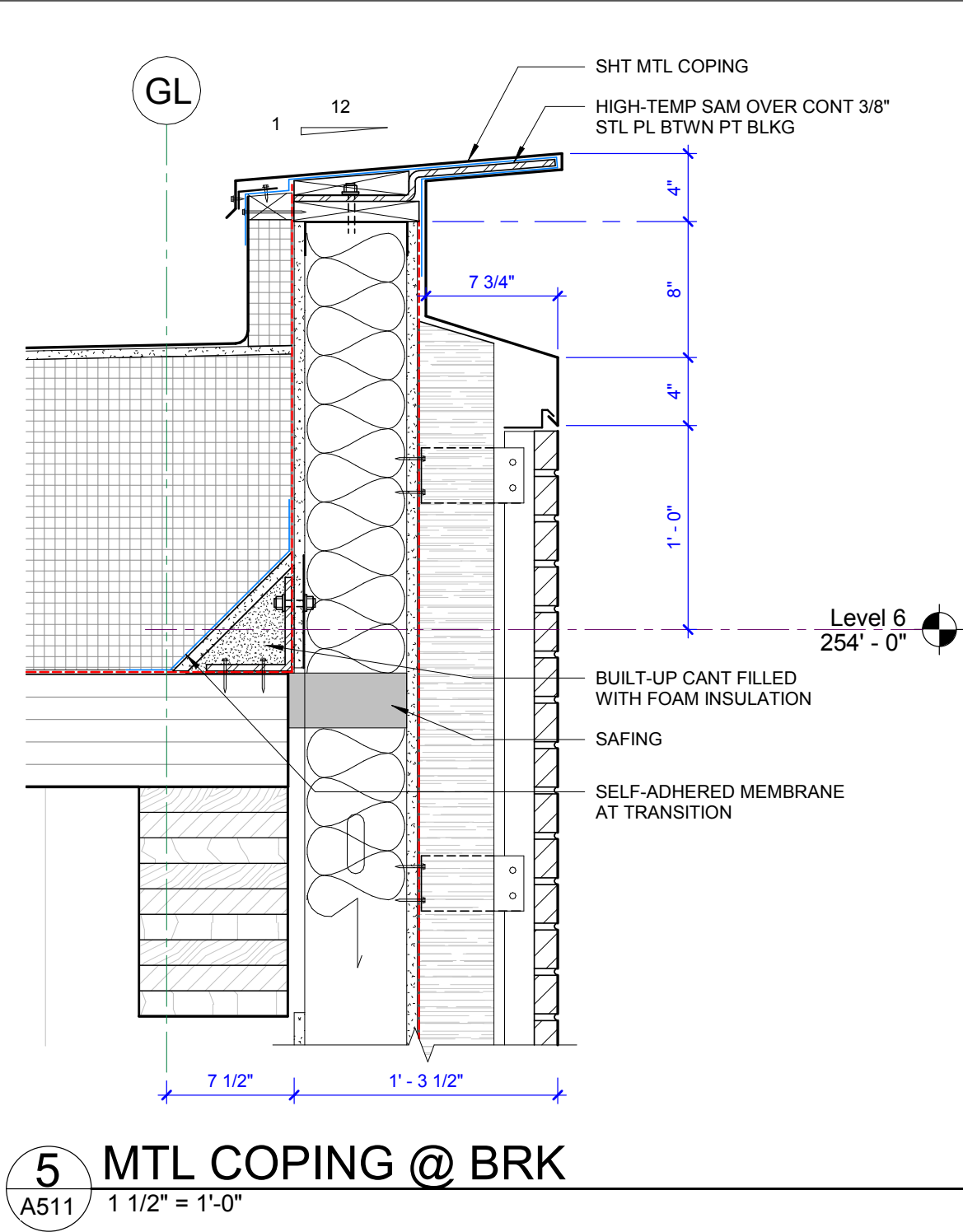


Panelized Brick

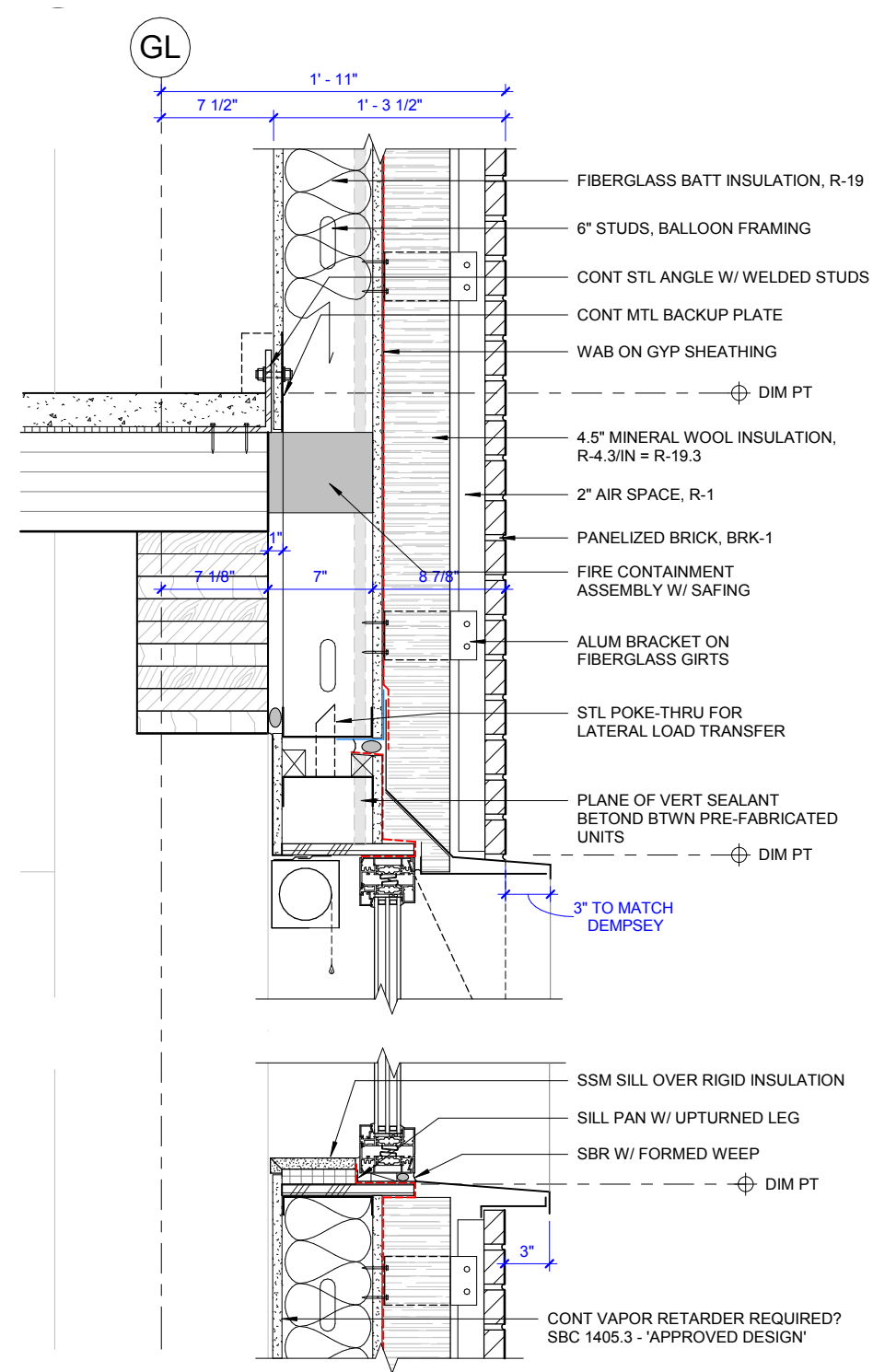
- Reduces thermal bridging
- No brick ledgers
- 1/3 weight of traditional brick
- Potential beam depth reductions
- Can be fabricated/installed off-site



METAL COPING DETAIL



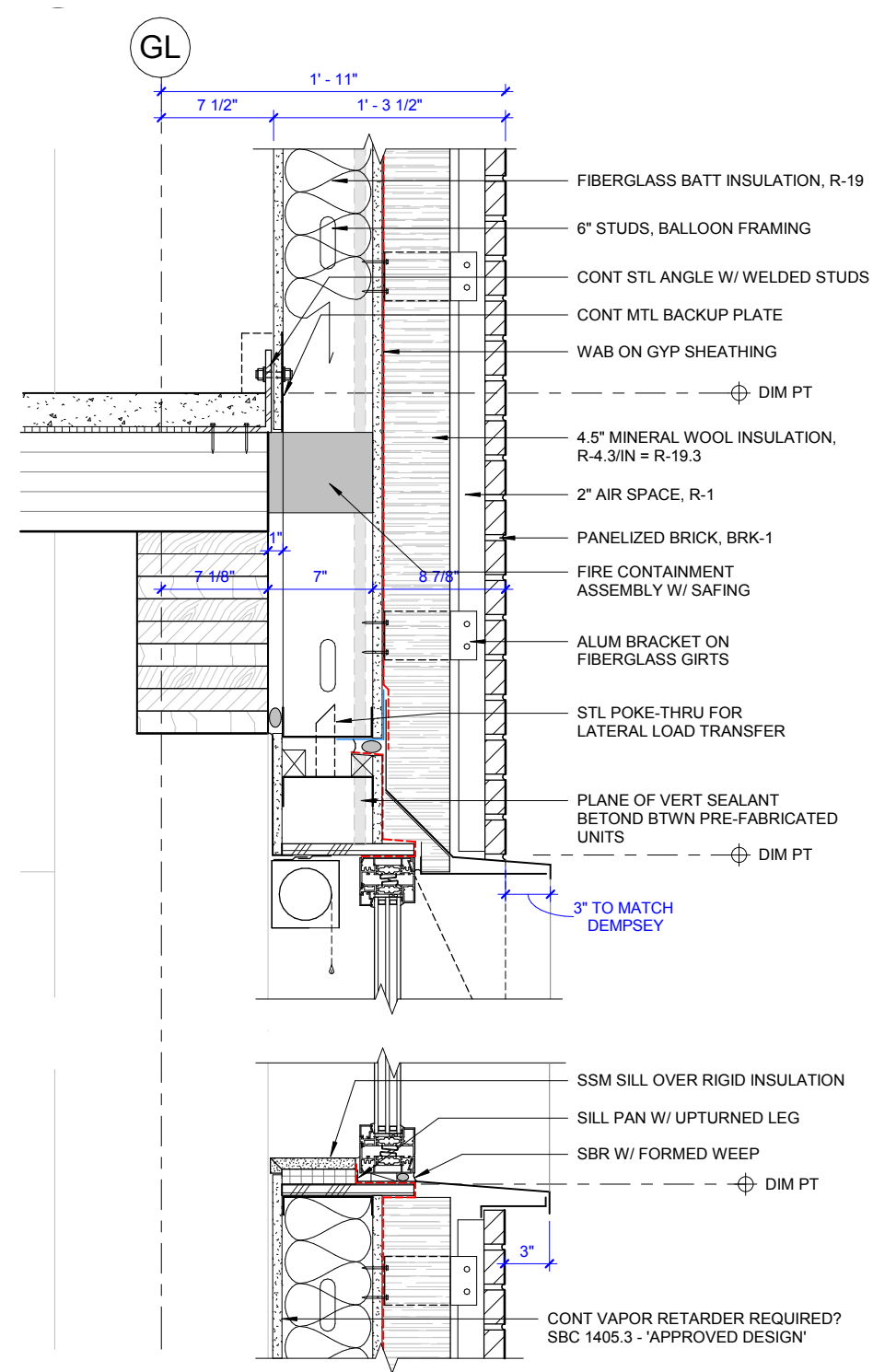
WINDOW FRAMING



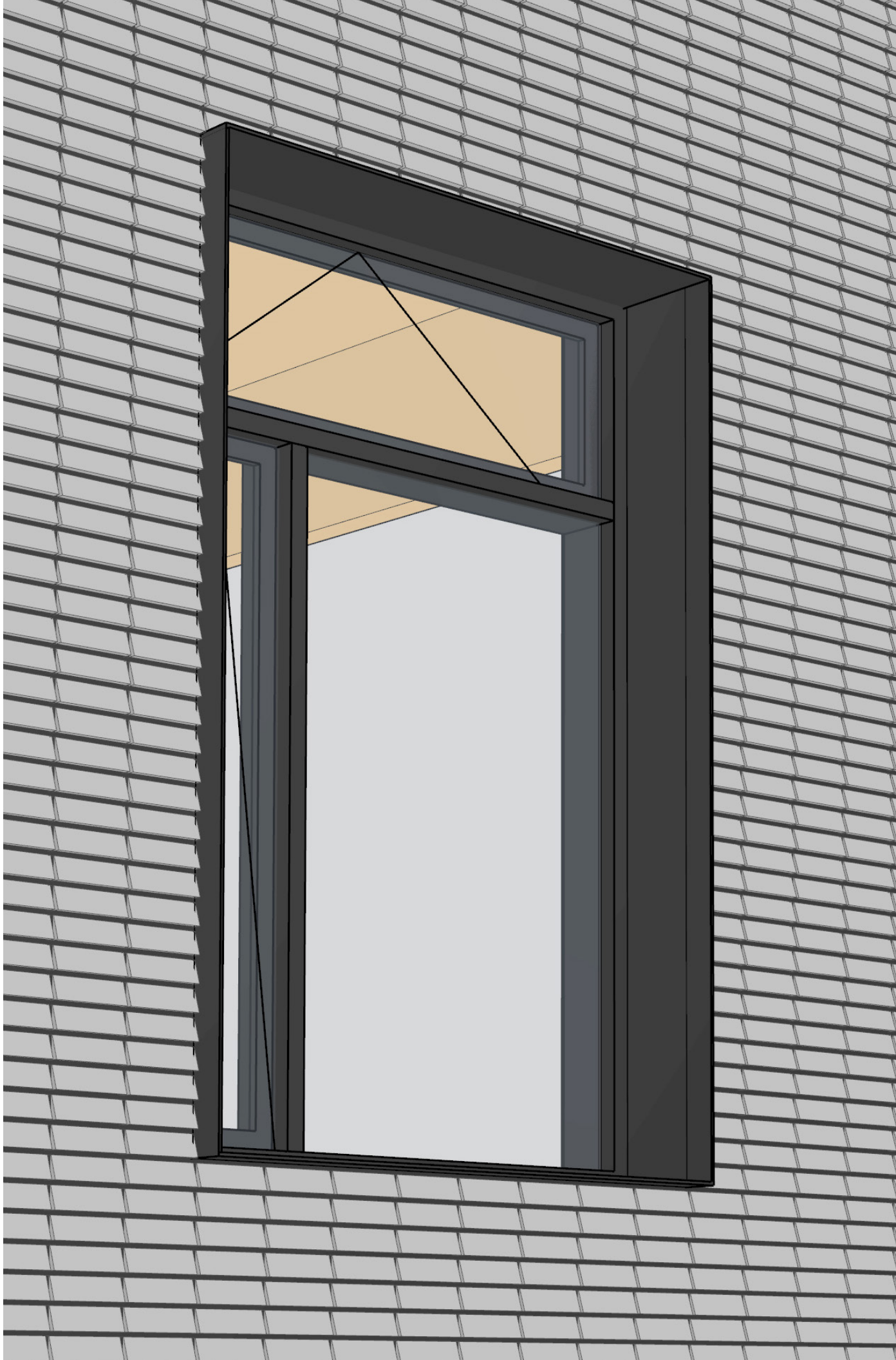
10 BRK WALL WA-1 @ PUNCHED OPNG
A511 1 1/2" = 1'-0"



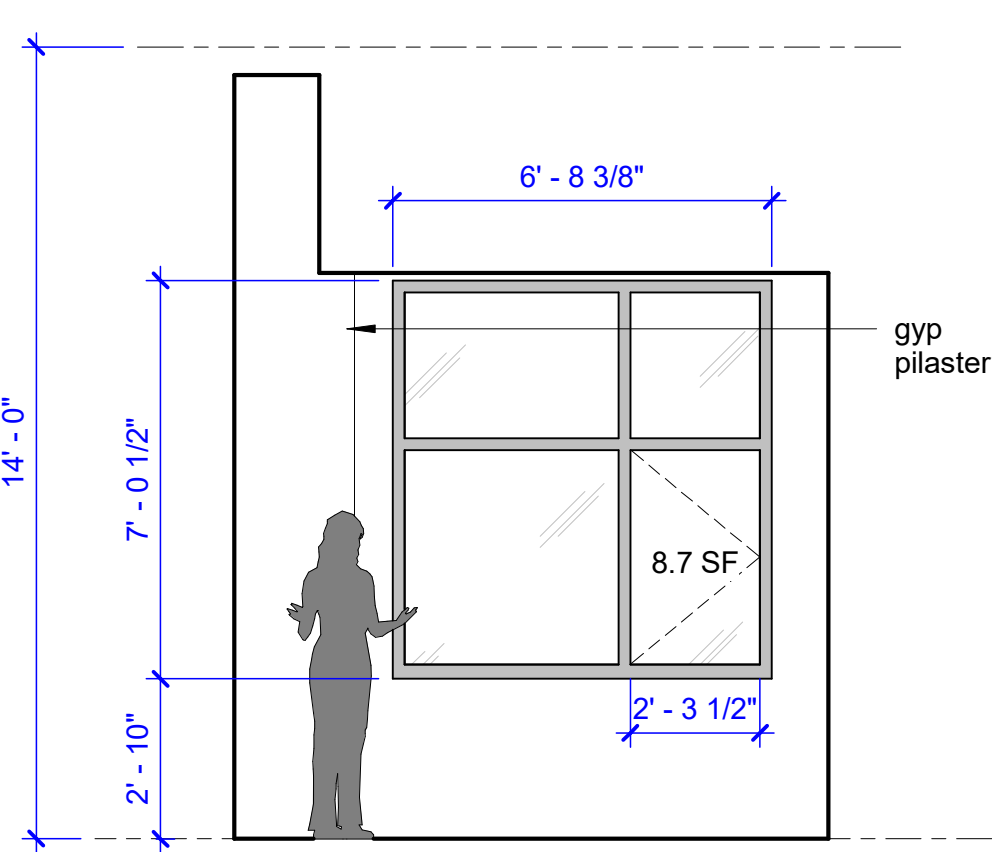
WINDOW FRAMING



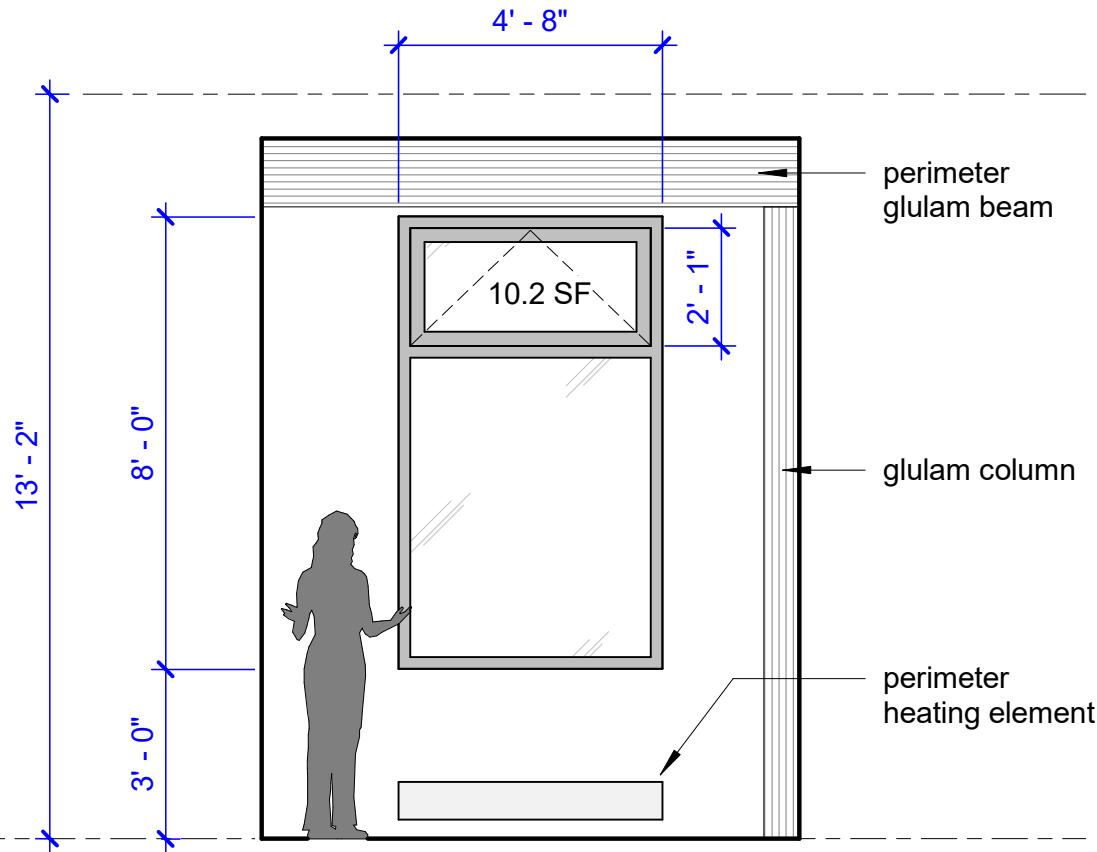
10 BRK WALL WA-1 @ PUNCHED OPNG
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Window Proportions



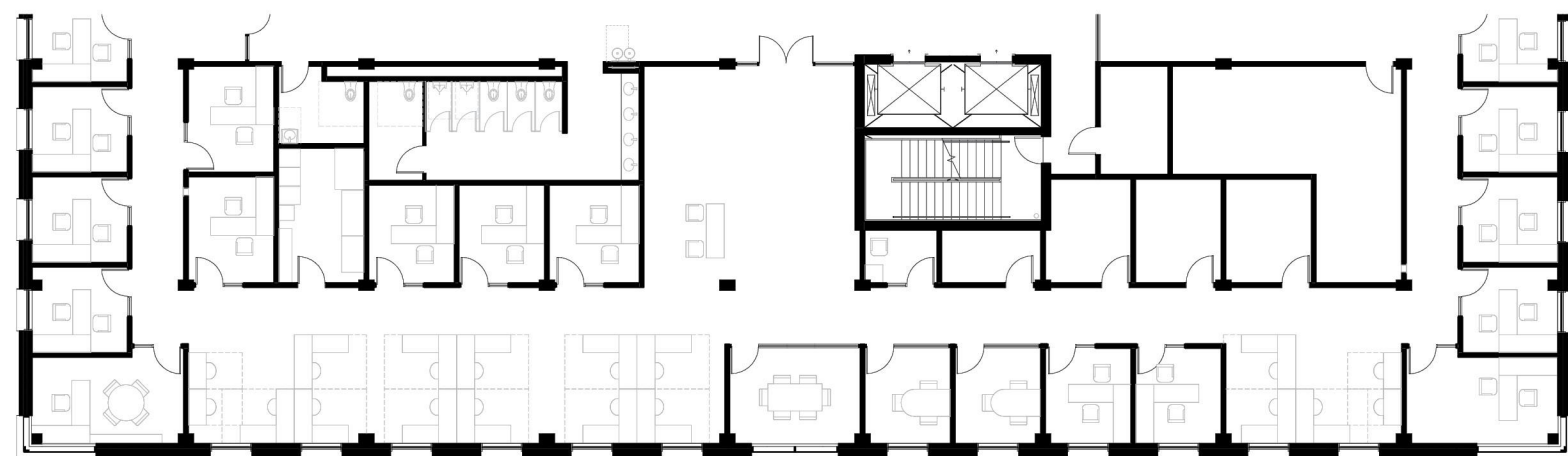
PACCAR / DEMPSEY HALL
WDW: 47.2 SF = 30.6% OF SKIN



FOUNDERS HALL
WDW: 42.6 SF = 32.4% OF SKIN
MOTORIZED WDW AT TOP: 8.9 SF
(FREE AREA = 6.1 SF)









L OF ART

CHELAN LANE

FOUNDERS HALL

KLICKITAT WAY

DEMPSEY HALL

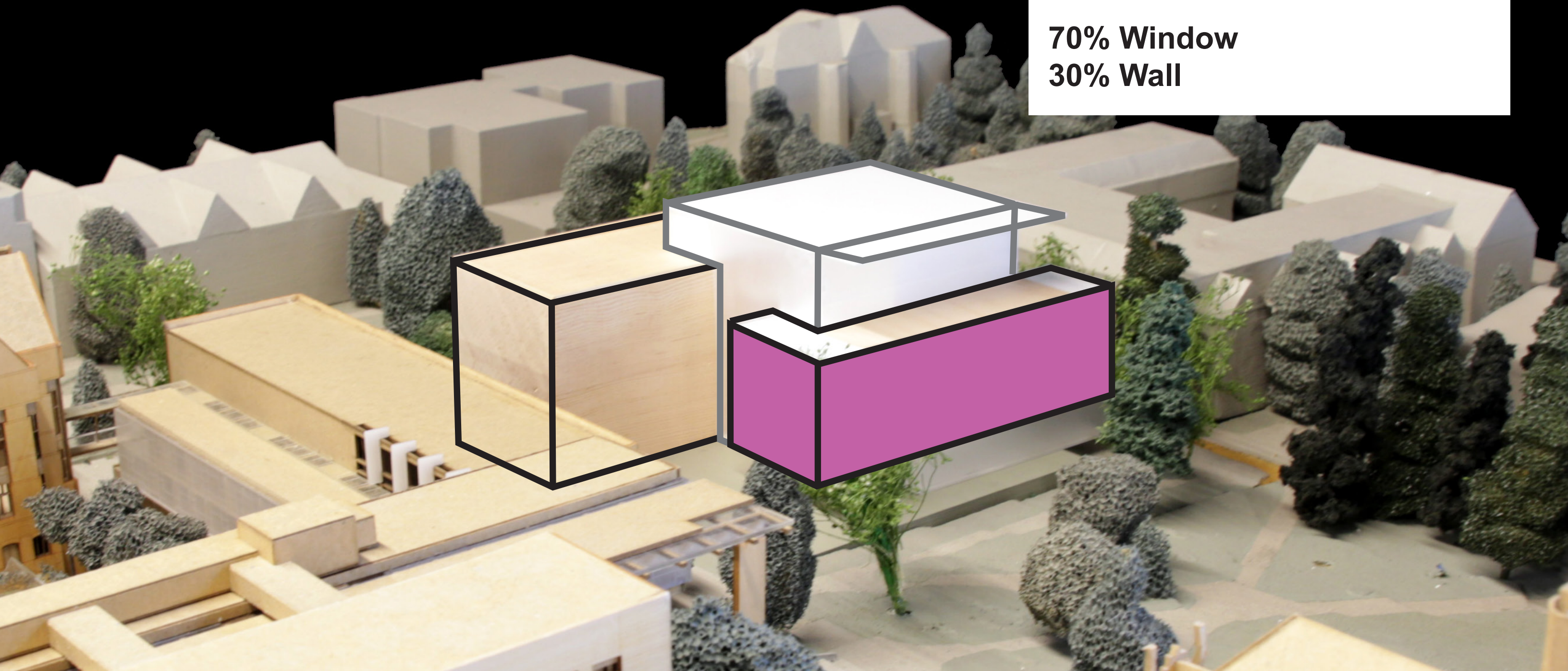
TEAM + COMMUNITY FACADES

**TEAM
FACADE
DRIVERS:**

South-West Orientation

**Primary Views to Denny Yard
Solar Heat Gain Mitigation
High Performance Glazing
Highly Insulated Walls
Natural Ventilation**

**70% Window
30% Wall**

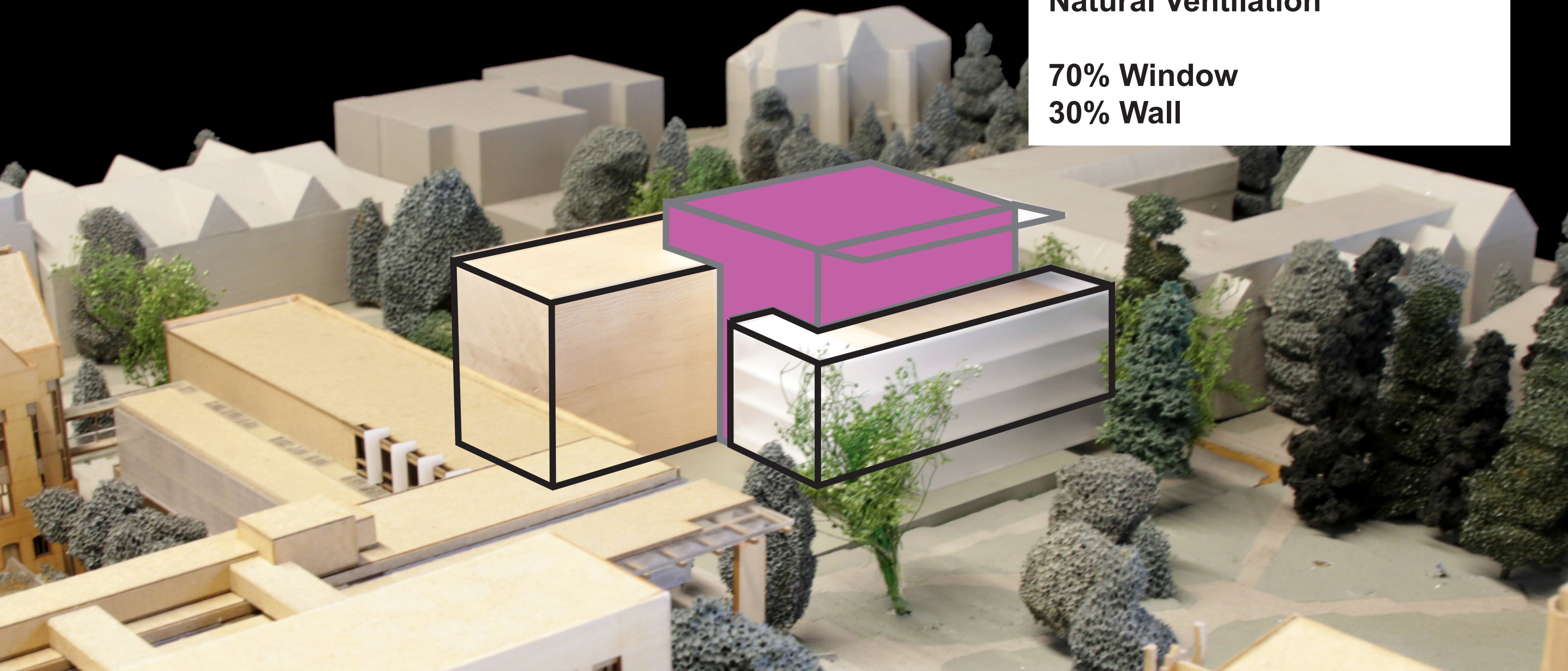


**COMMUNITY
FACADE
DRIVERS:**

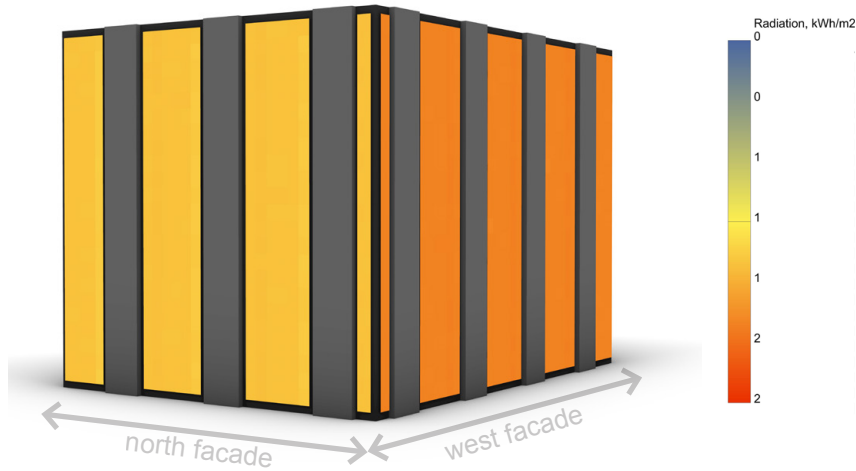
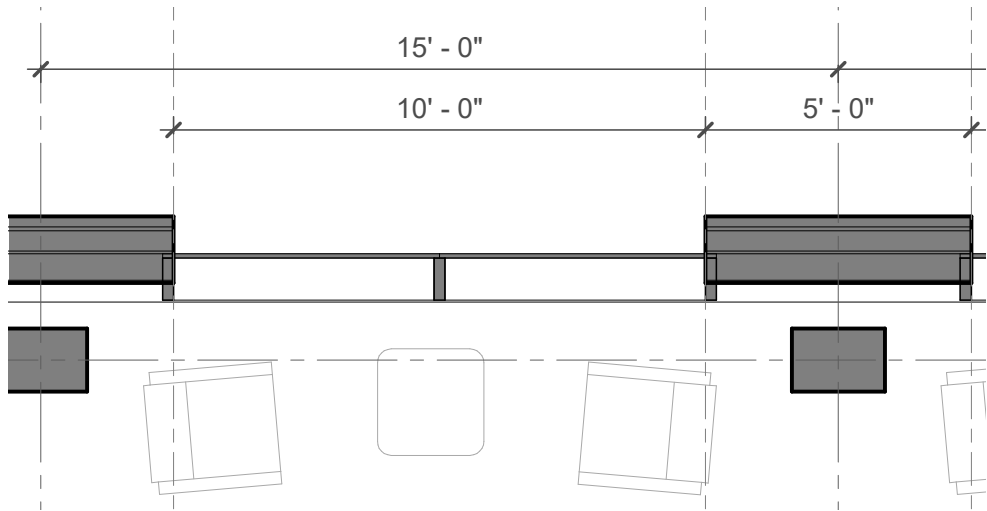
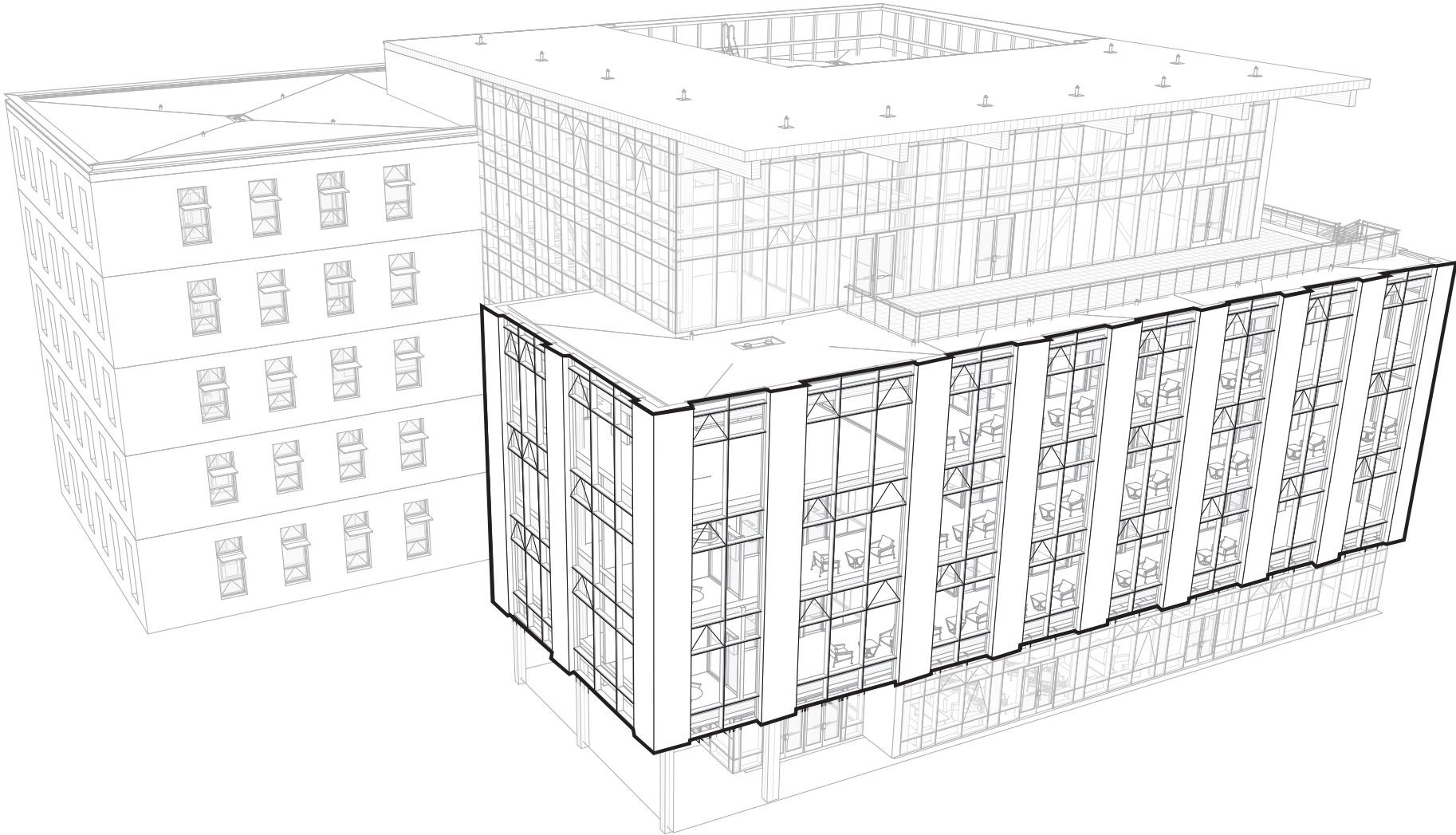
South-West Orientation

**Wide Variety of Programs
Primary Views to Denny Yard
Solar Heat Gain Mitigation
High Performance Glazing
Highly Insulated Walls
Natural Ventilation**

**70% Window
30% Wall**



OPTION 4 - 67% GLAZED



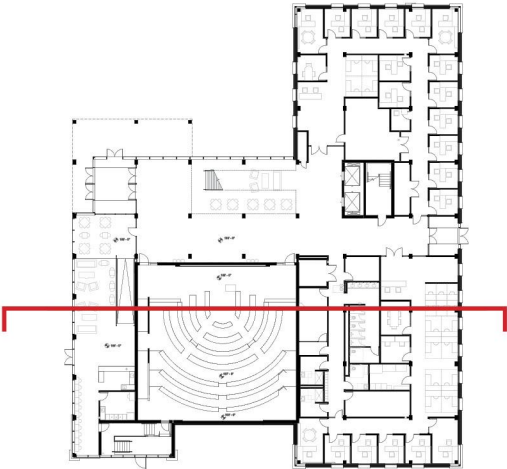
67% (N) and 67% (W) less solar heat gain than 100% glass



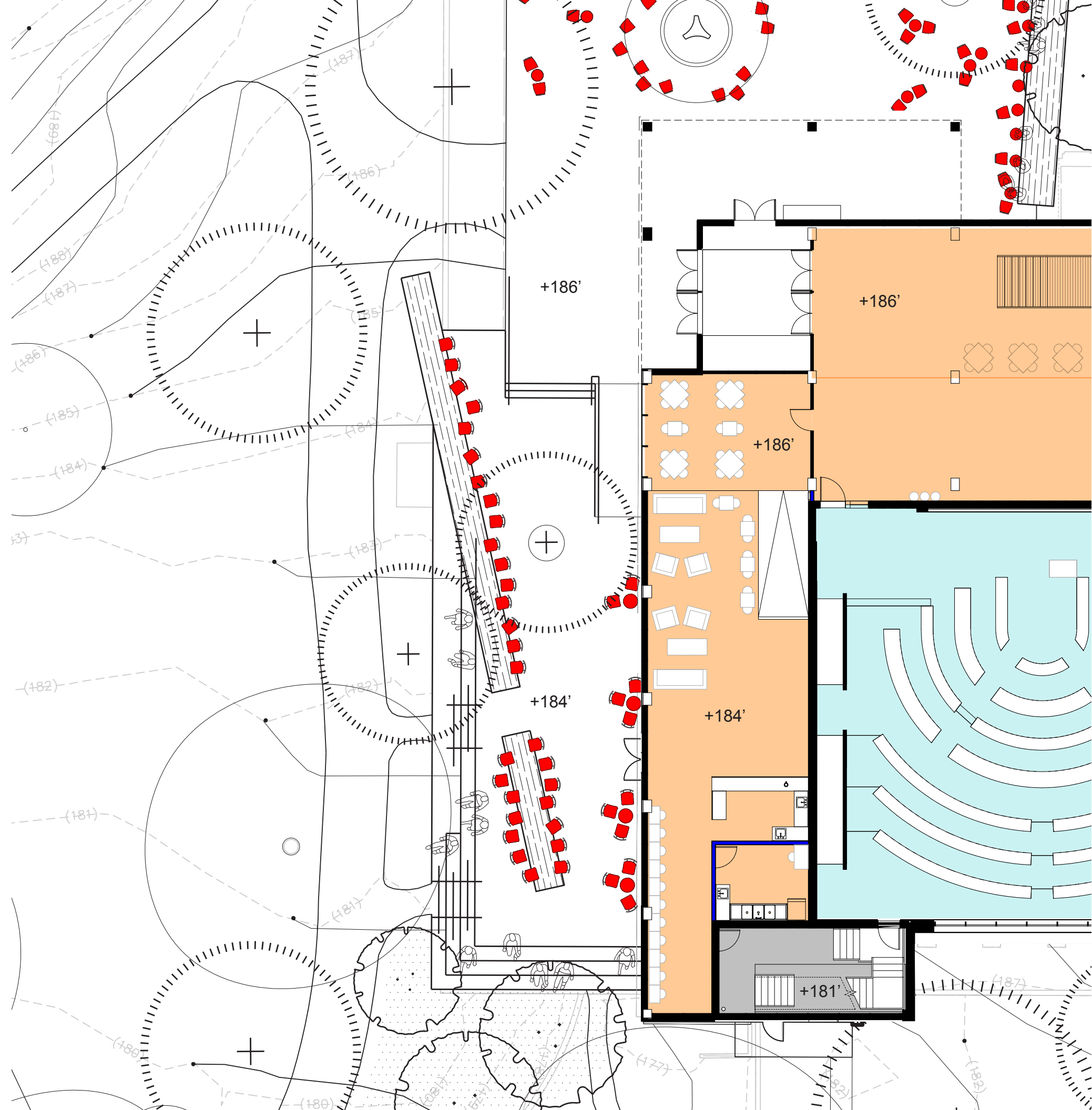
West Elevation



Community Program Section



Cafe Plan



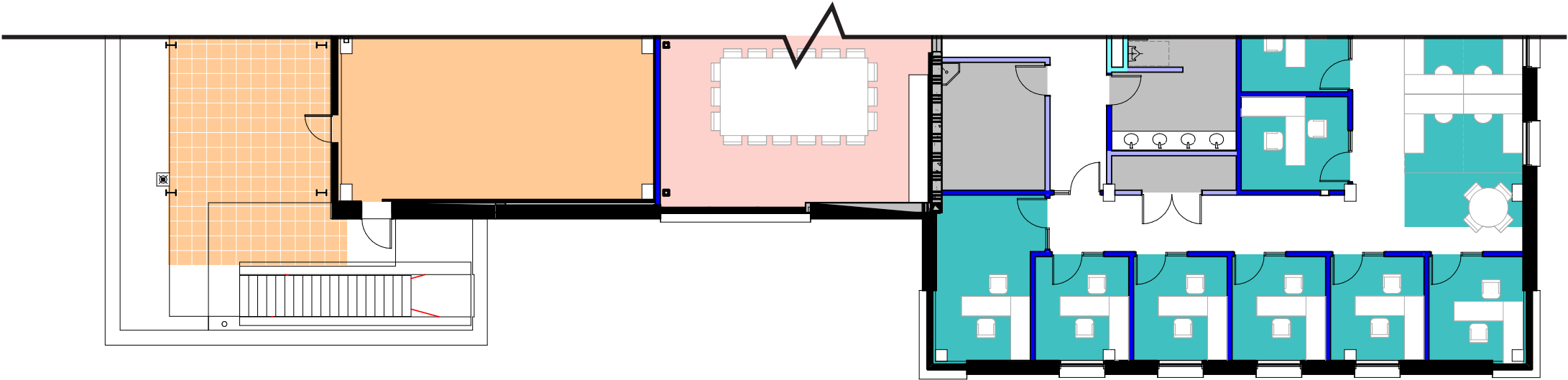
South Elevation



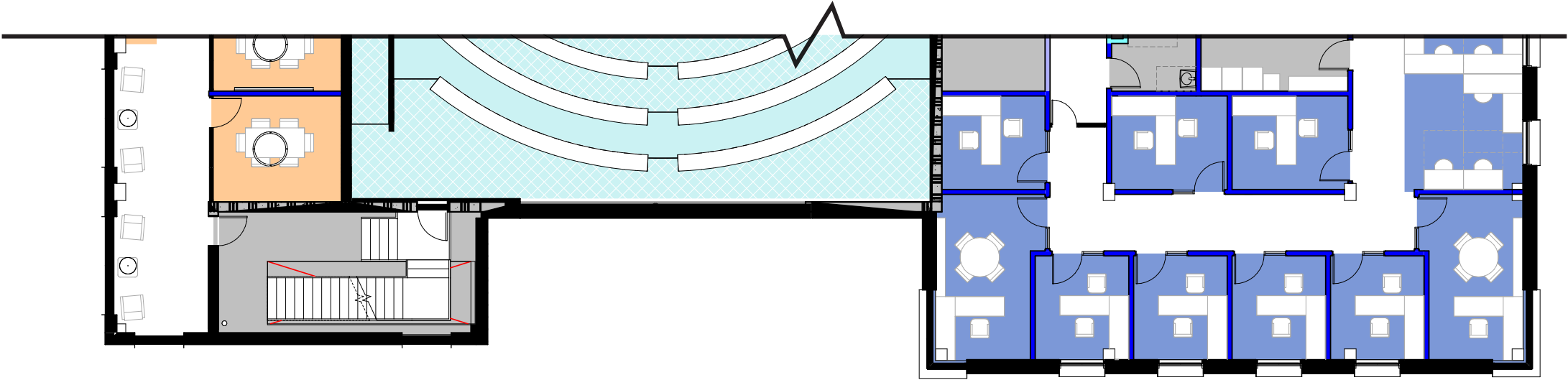
PACCAR HALL

FRONT: FOUNDERS HALL
BACK: DEMPSEY HALL

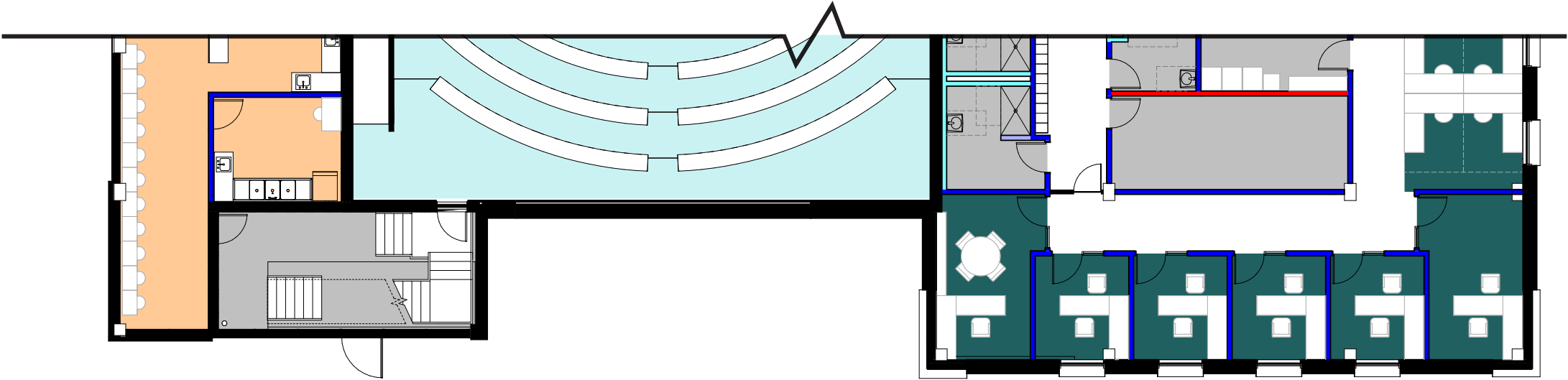
Level 5



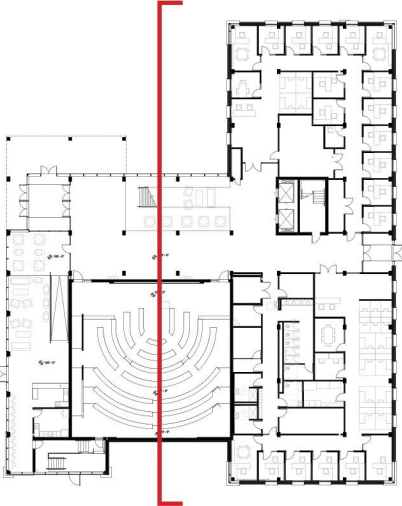
Levels 2-4



Level 1



North Elevation



North Elevation



North Elevation



FOUNDERS HALL

DENNY YARD

View From PACCAR Hall

