



University
of Washington

Computer
Science &
Engineering
Building II

LMN Architecture
Urban Design
Interiors

PROJECT GOALS

- Create a Unified Complex for Computer Science & Engineering
- Provide Qualitative Parity
- Foster Collaboration Among Faculty, Students and Staff
- Enhance the Sense of Community for CSE Undergrads
- Provide Flexible Instructional and Research Spaces
- Maximize Natural Daylight
- Create Multiple Secure Zones
- Enhance Campus Connections & Landscape

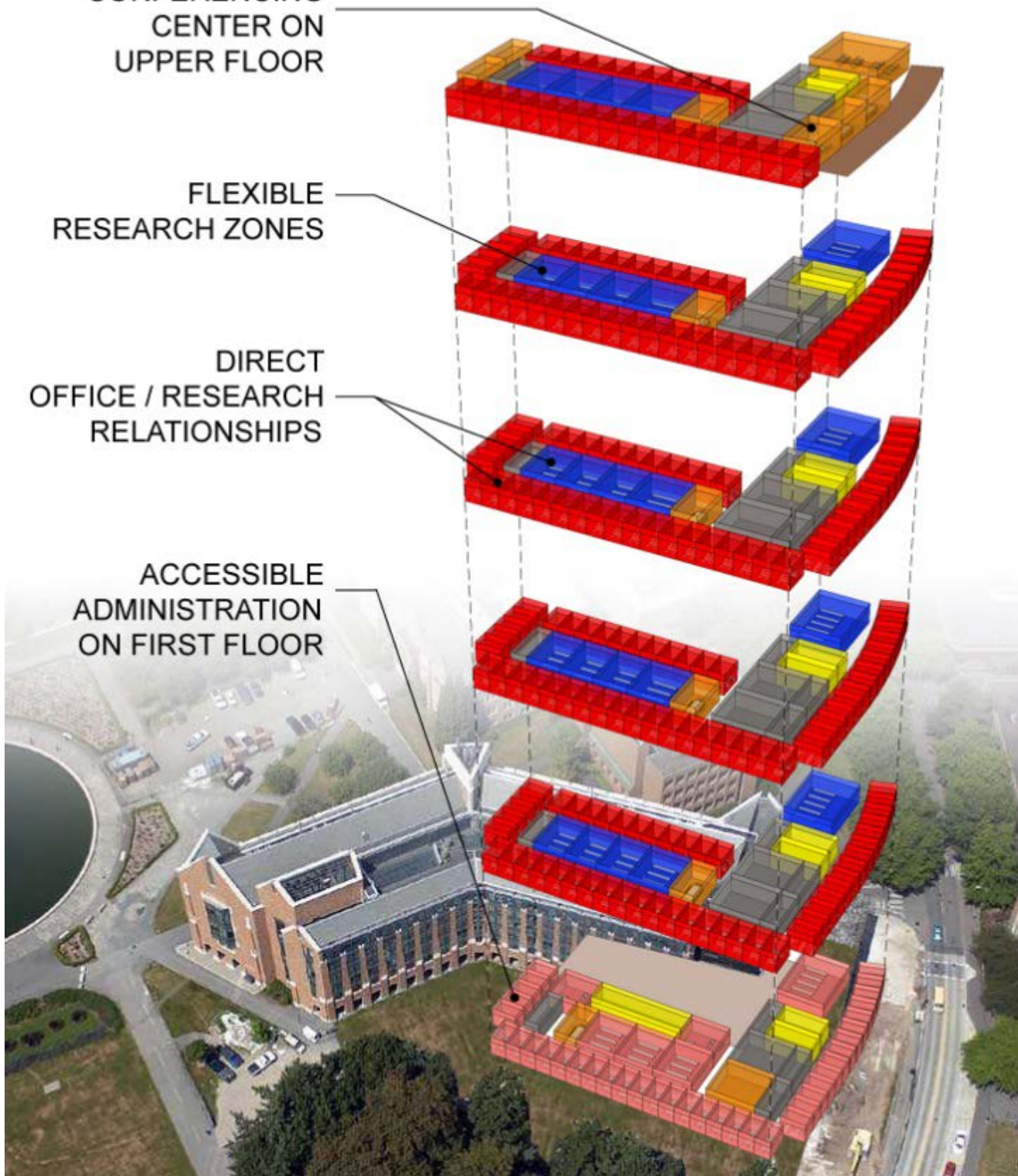


CONFERENCING
CENTER ON
UPPER FLOOR

FLEXIBLE
RESEARCH ZONES

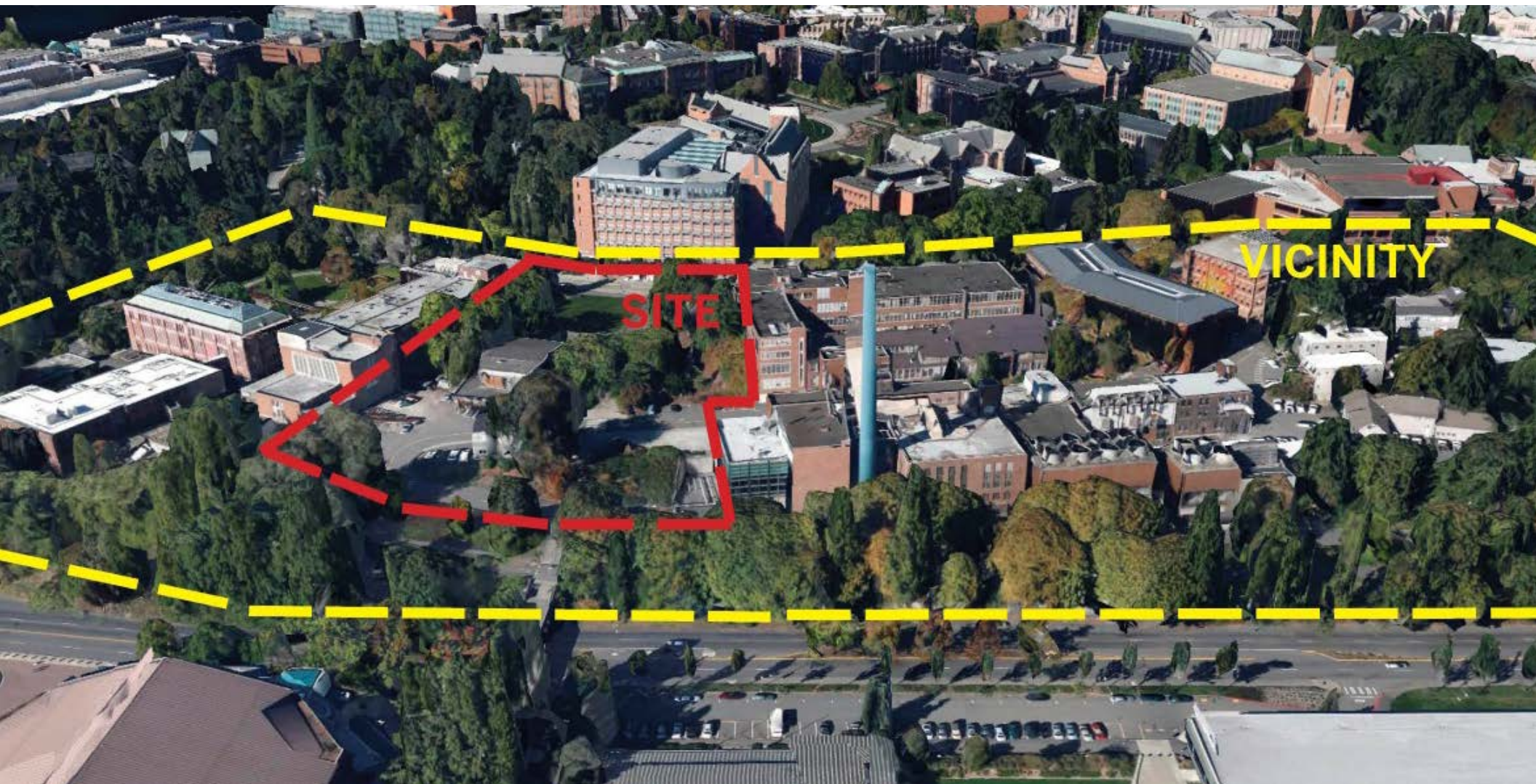
DIRECT
OFFICE / RESEARCH
RELATIONSHIPS

ACCESSIBLE
ADMINISTRATION
ON FIRST FLOOR





WILSON CENTER ATRIUM



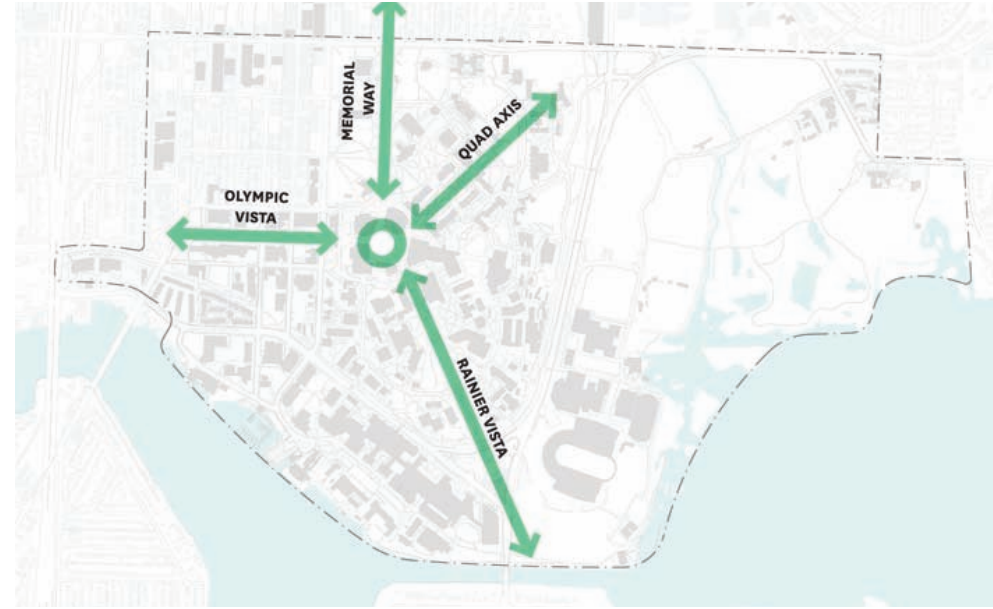
SITE

VICINITY

Campus Landscape Framework



Landscape Mosaic



Existing Circulation - Radial Axes



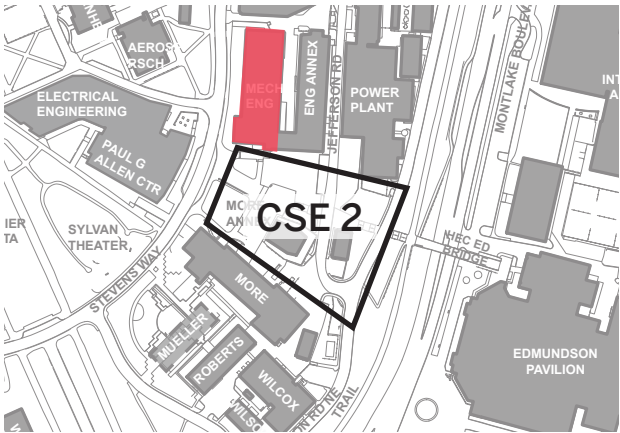
Circulation Mosaic



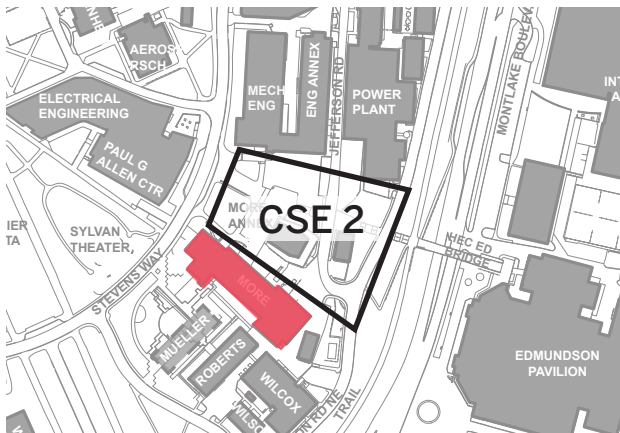
Existing Circulation - Concentric Edges



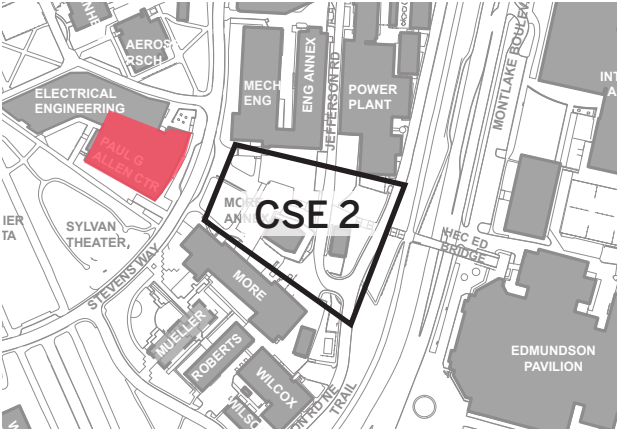
Mechanical Engineering



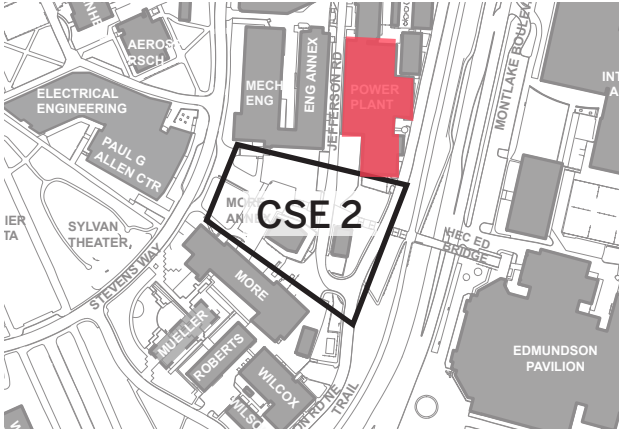
More Hall

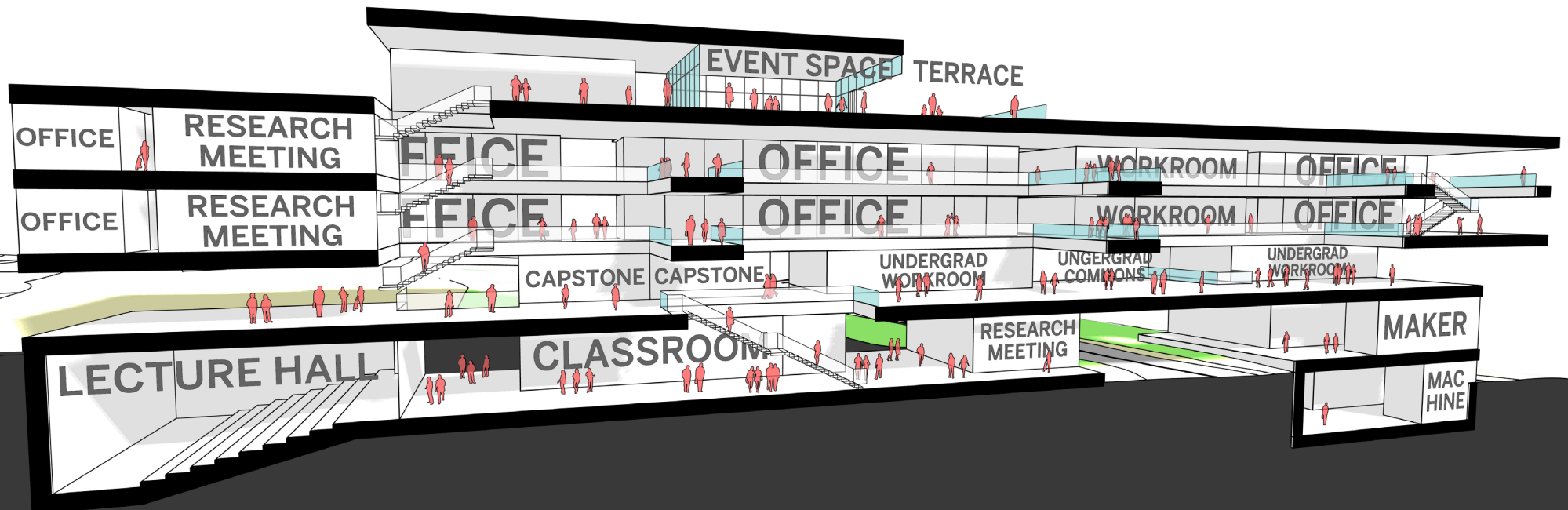
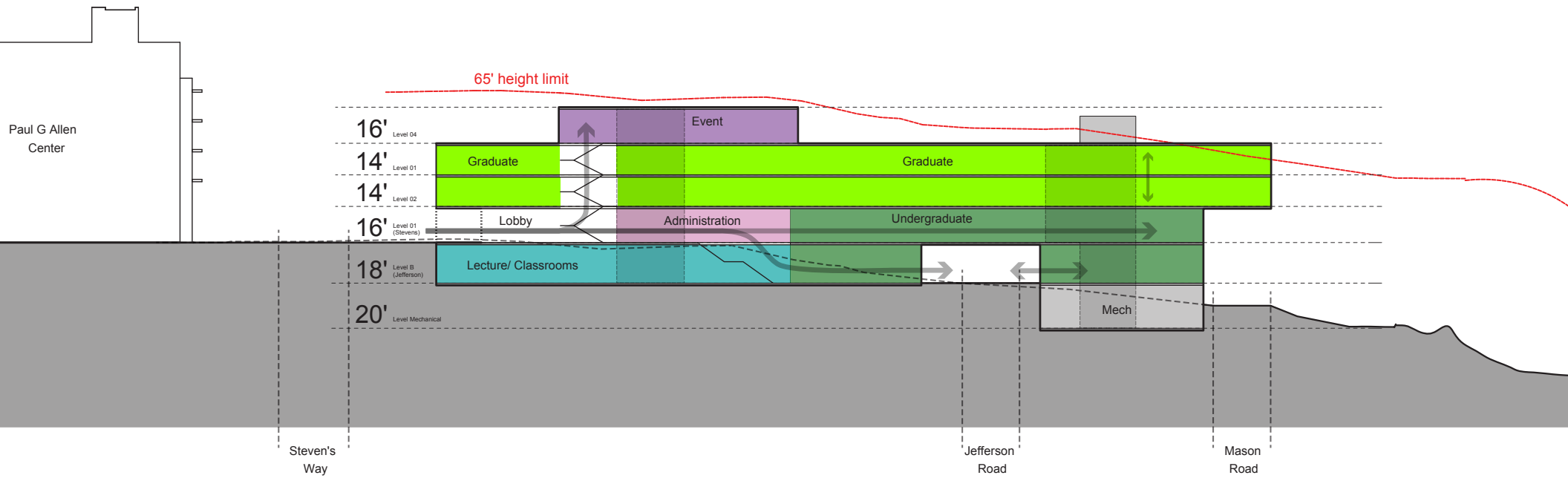


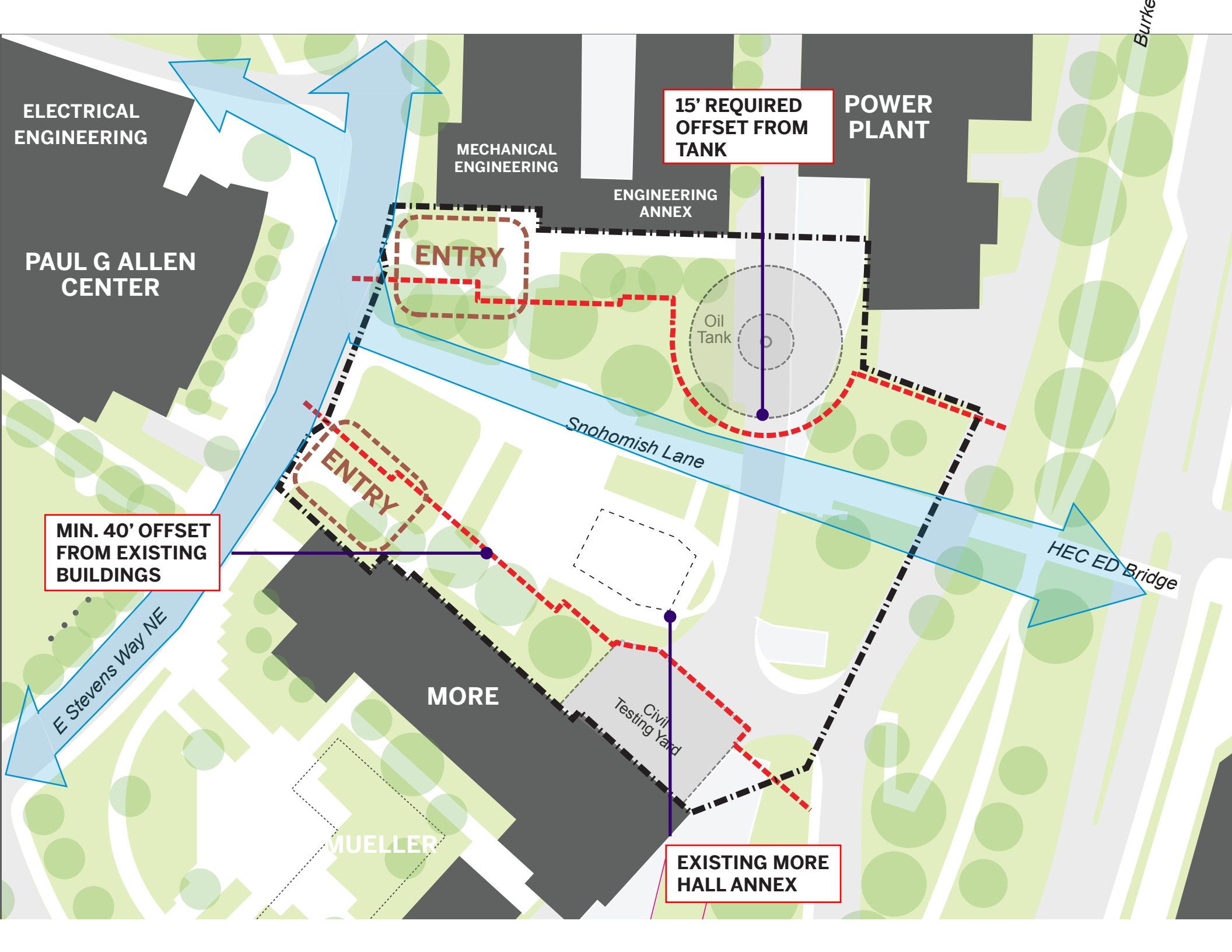
Paul G. Allen Center

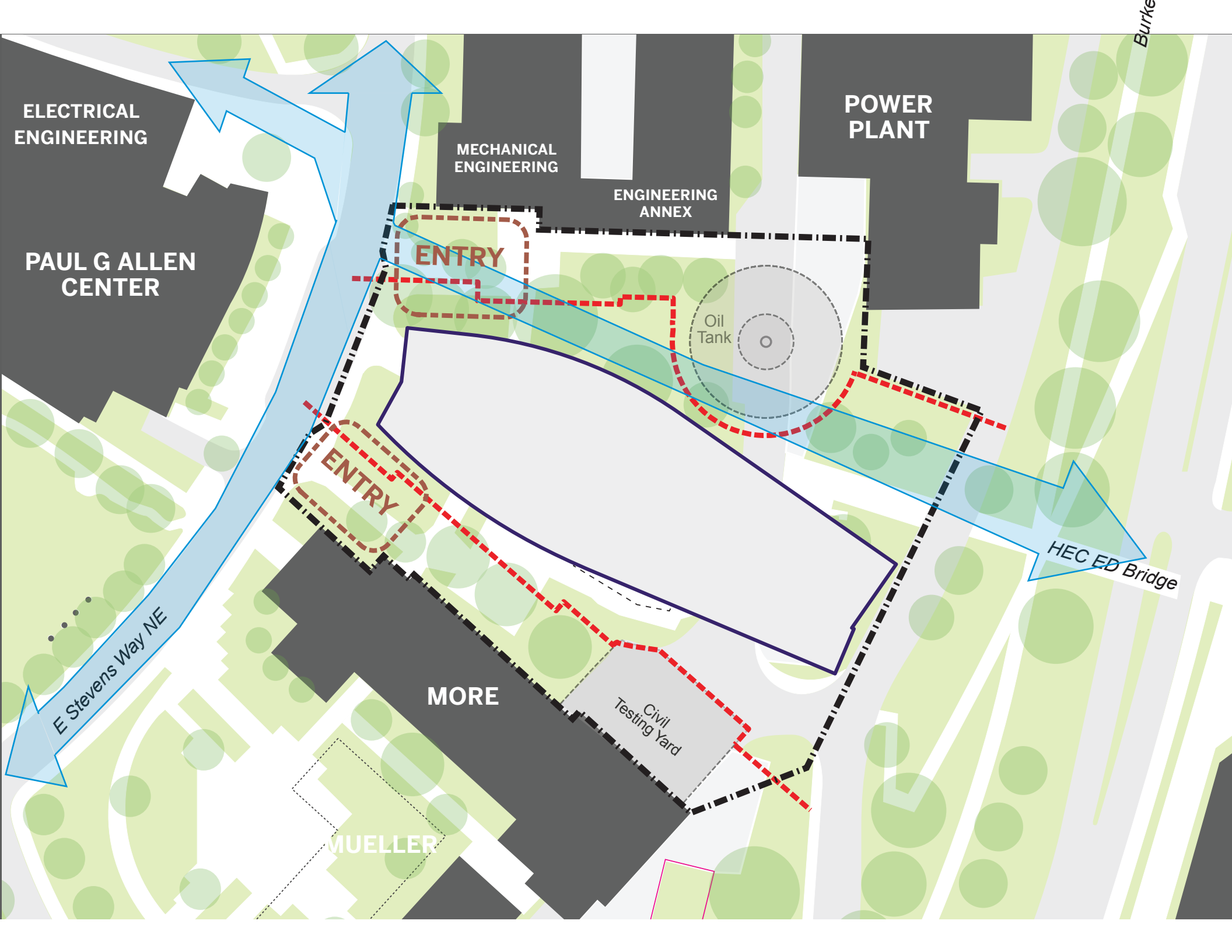


Power Plant









ELECTRICAL
ENGINEERING

PAUL G ALLEN
CENTER

MECHANICAL
ENGINEERING

ENGINEERING
ANNEX

POWER
PLANT

ENTRY

Oil
Tank

ENTRY

MORE

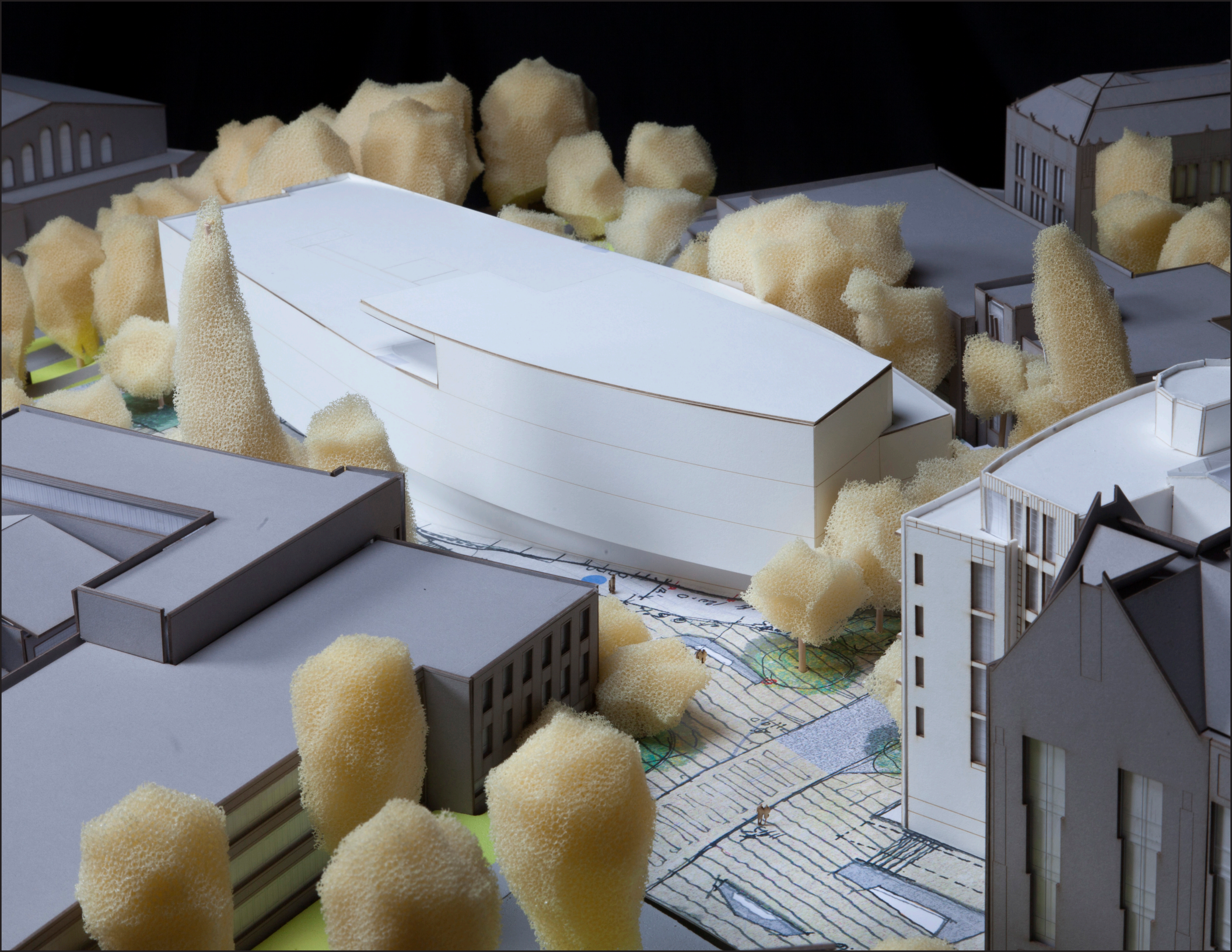
Civil
Testing Yard

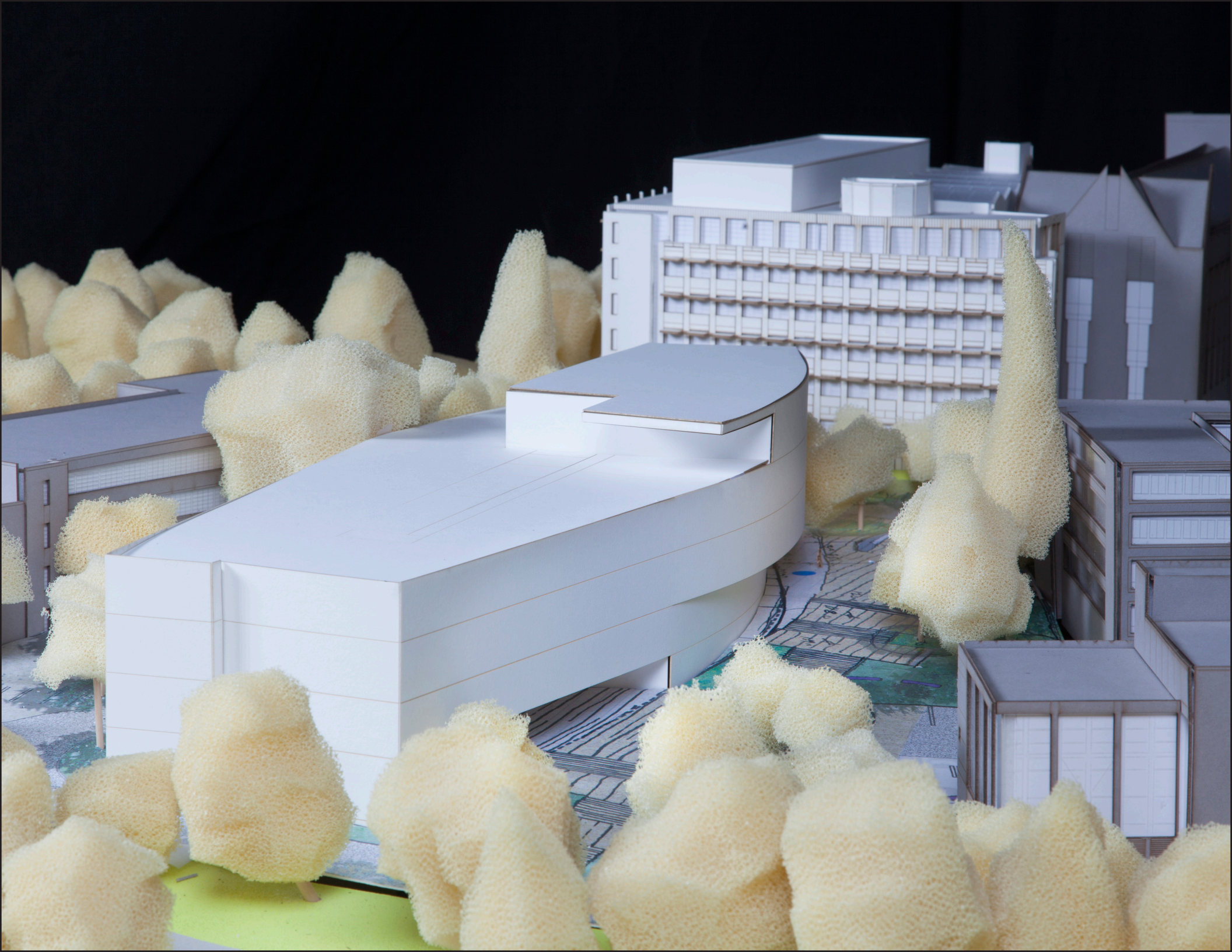
HEC ED Bridge

E Stevens Way NE

Burke

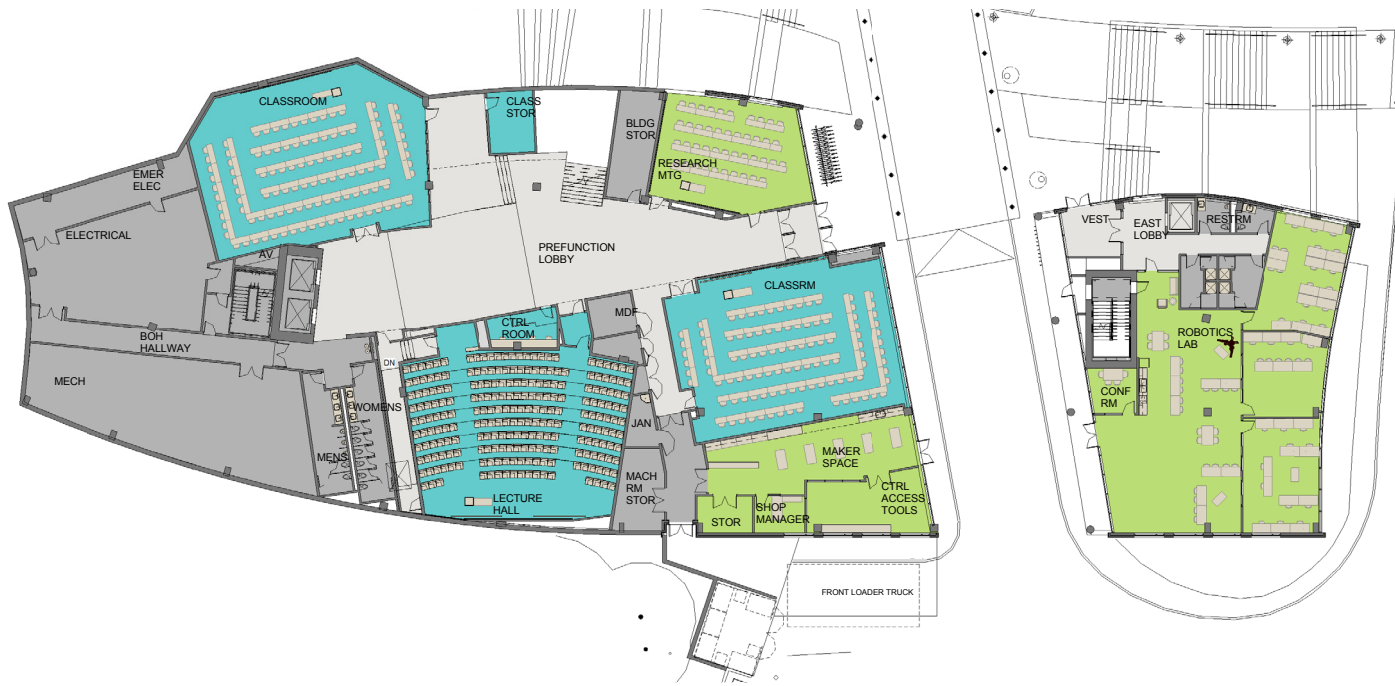
MUELLER



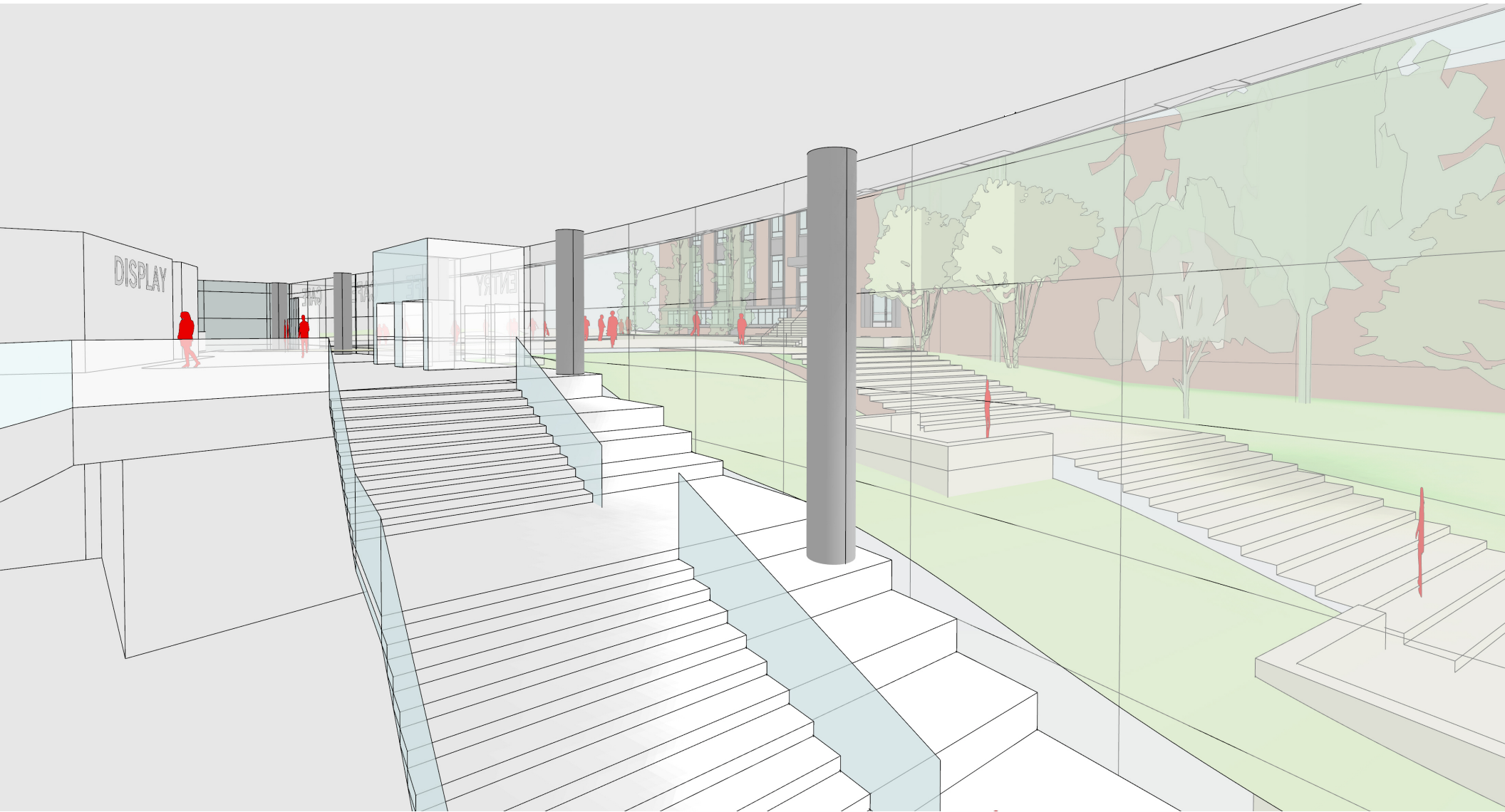




LEVEL 1



GROUND LEVEL

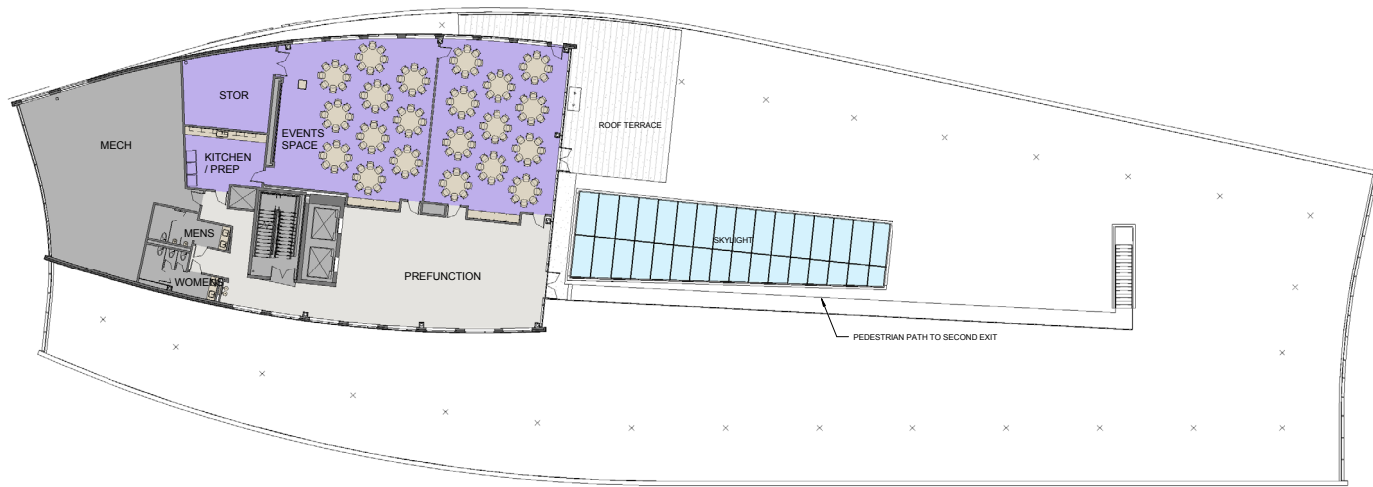




LEVEL 3



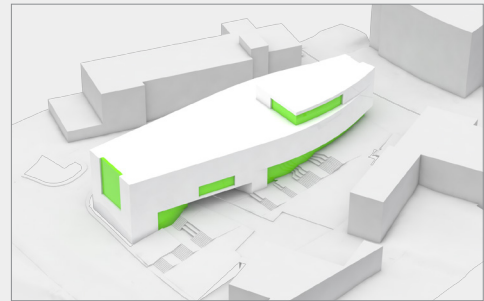
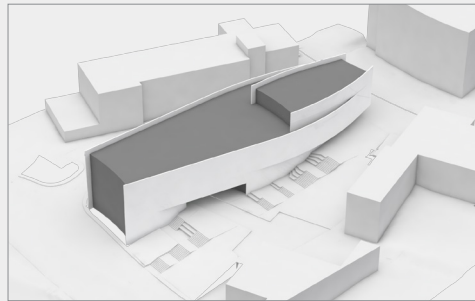
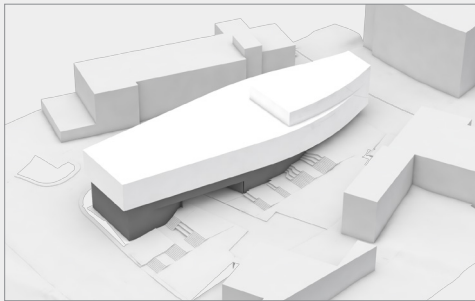
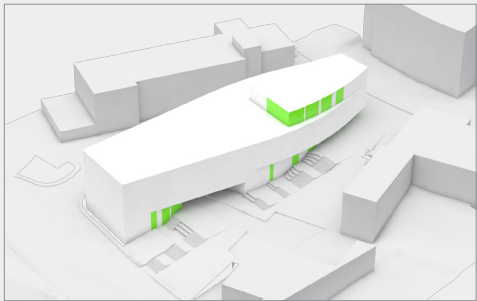
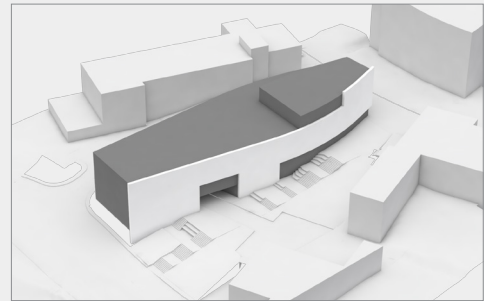
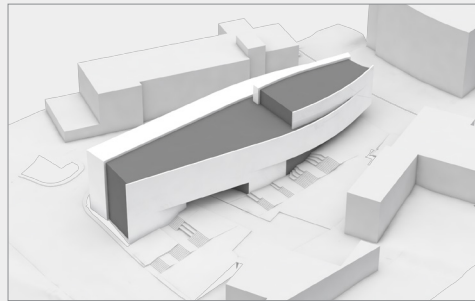
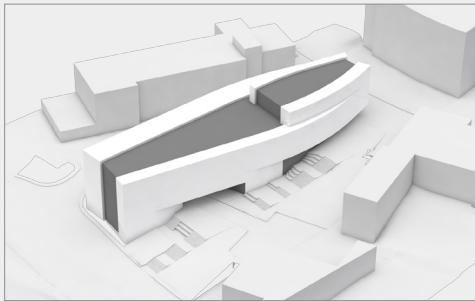
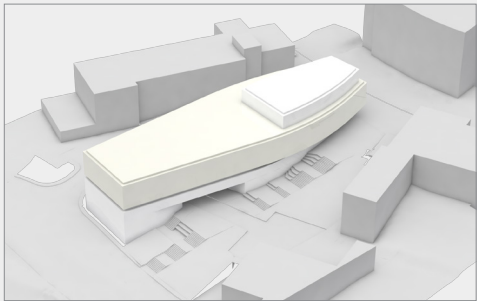
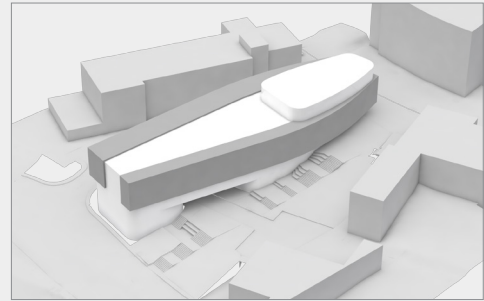
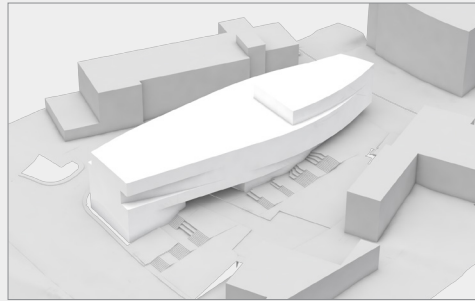
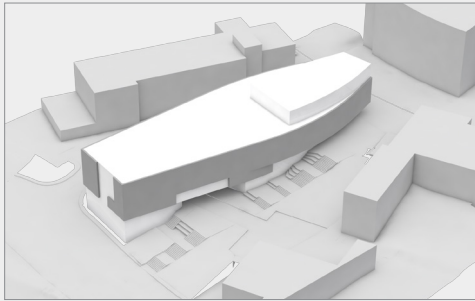
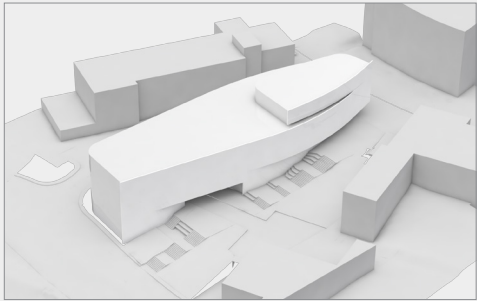
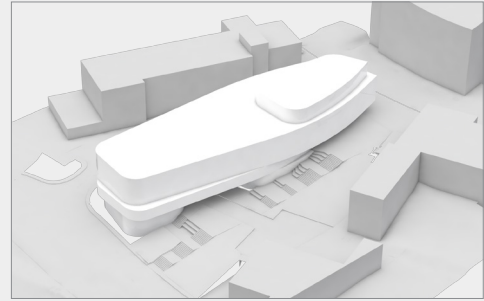
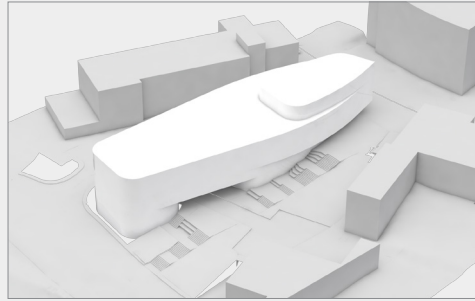
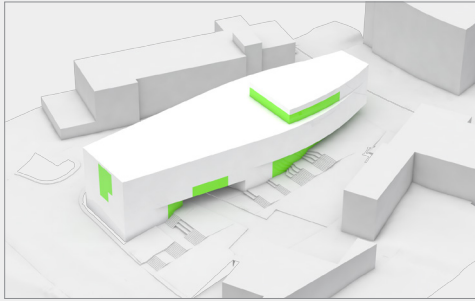
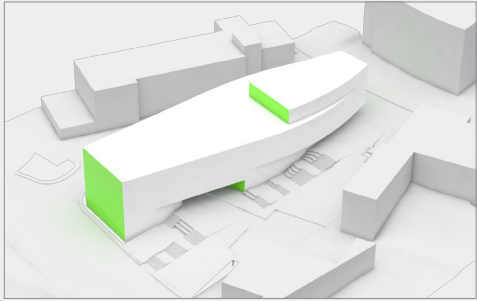
LEVEL 2

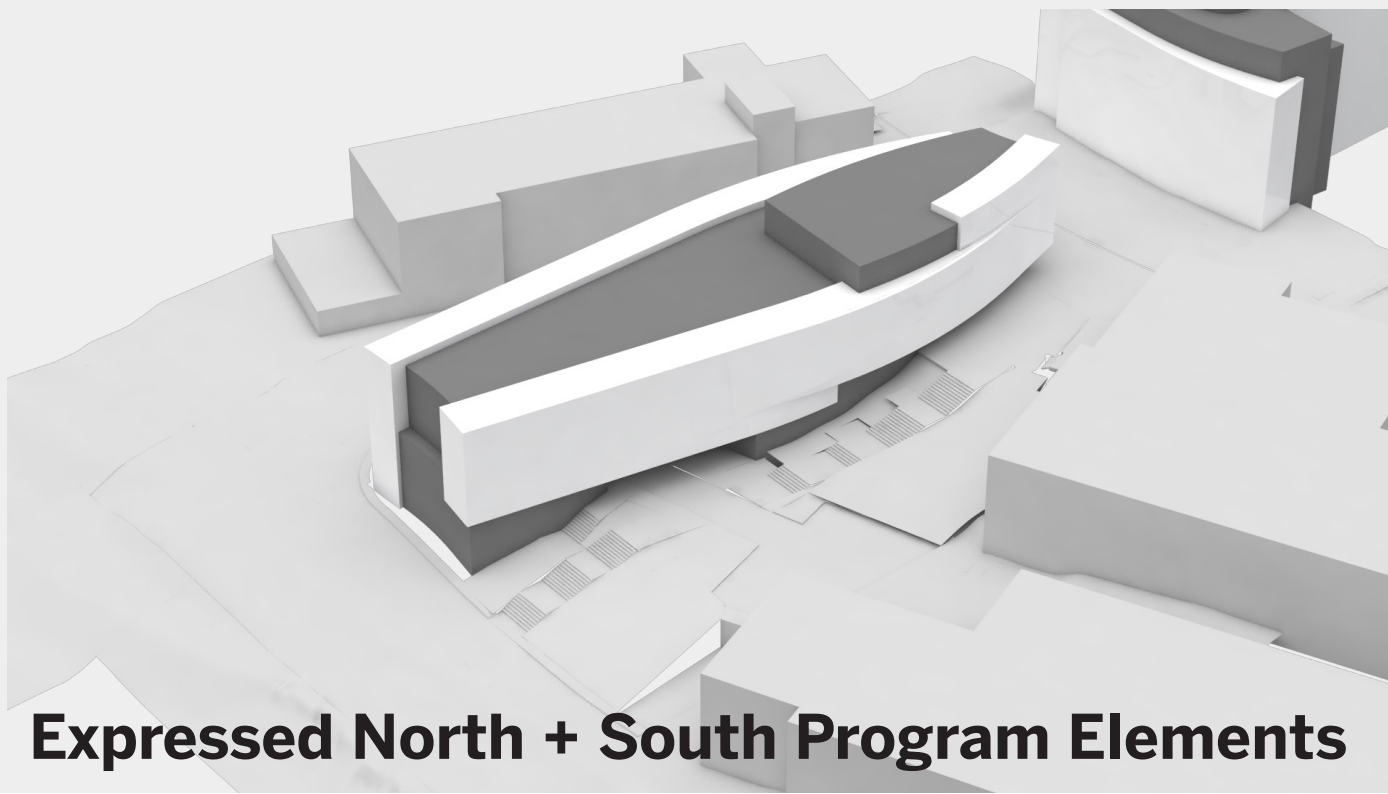


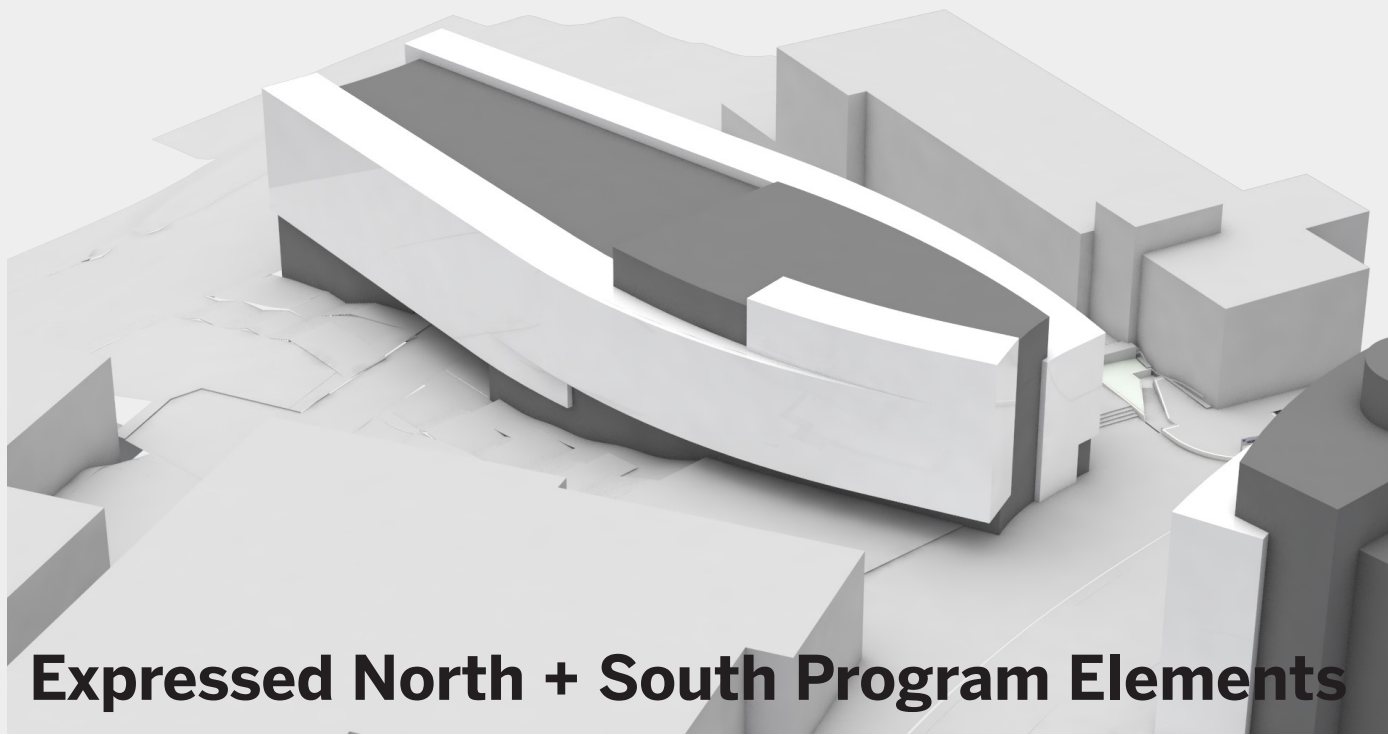
LEVEL 4



VIEW FROM LEVEL 1 MAIN ENTRY

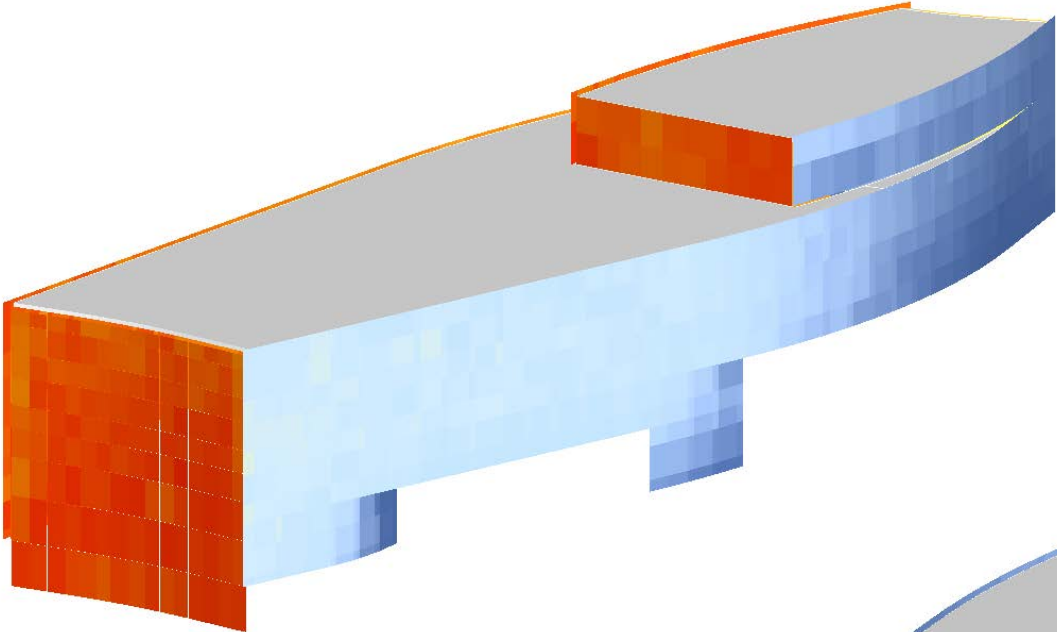




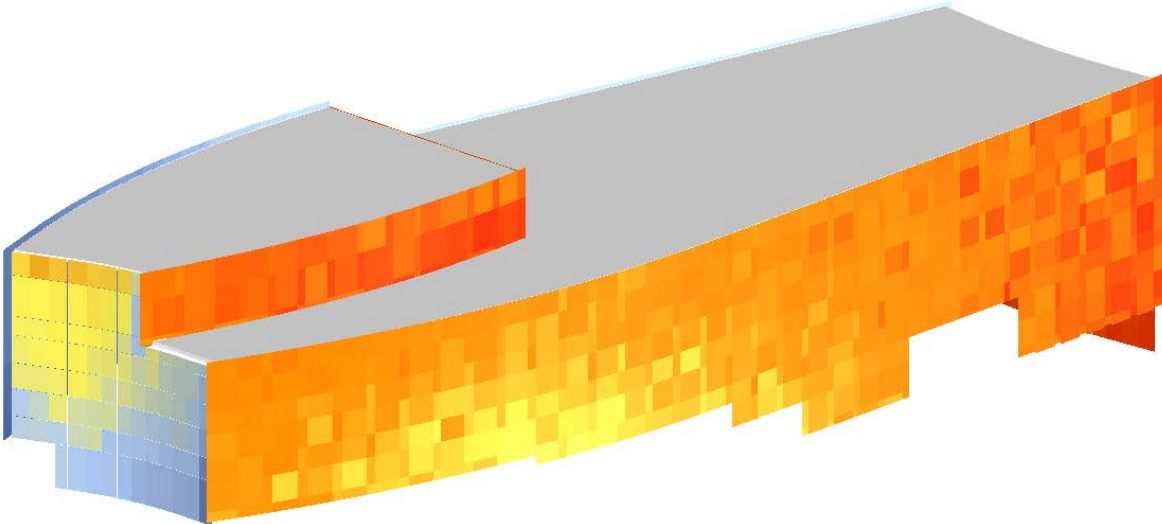


Solar Radiation on Vertical Building Facades

Cooling load dominated months, June - September



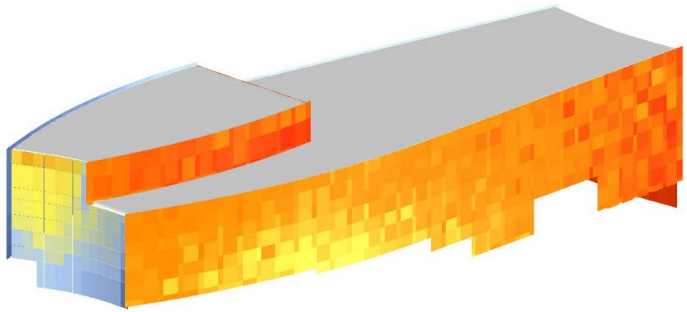
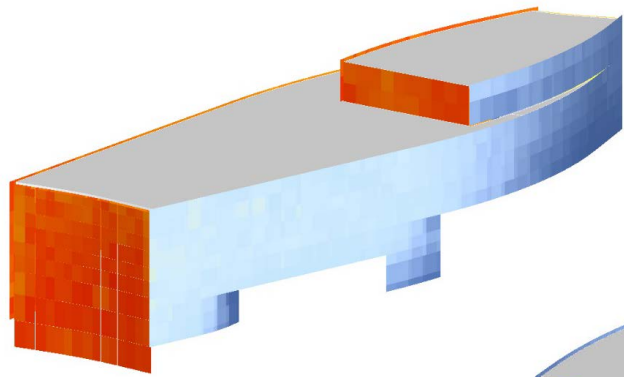
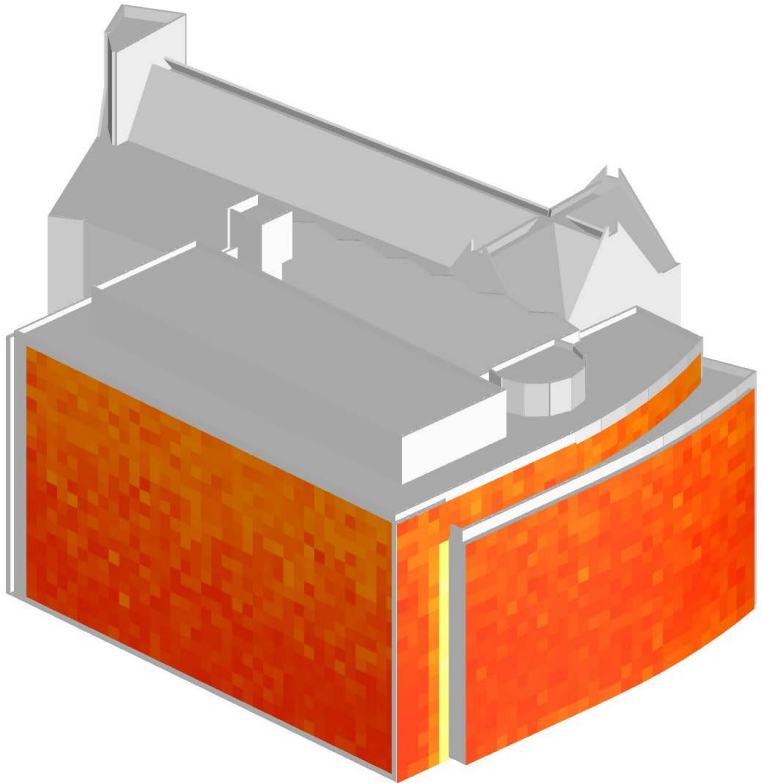
West and North Elevations



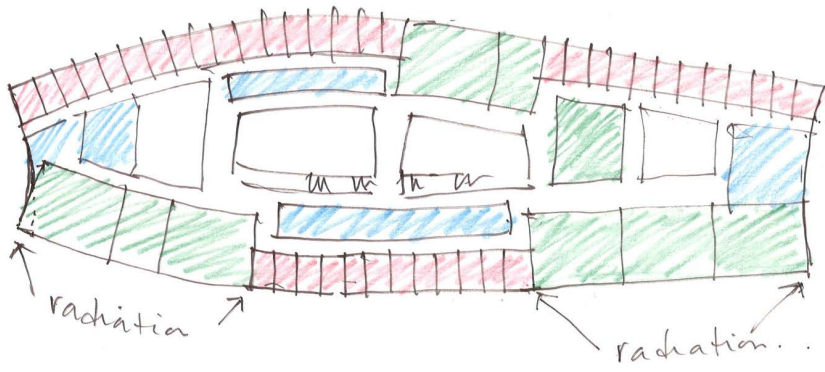
East and South Elevations

Solar Radiation on Vertical Building Facades

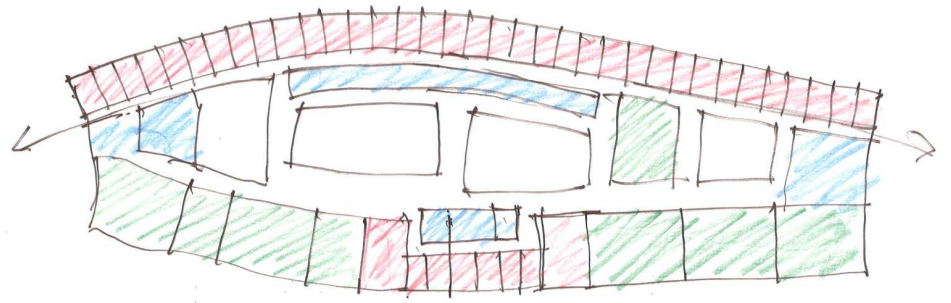
Cooling load dominated months, June - September



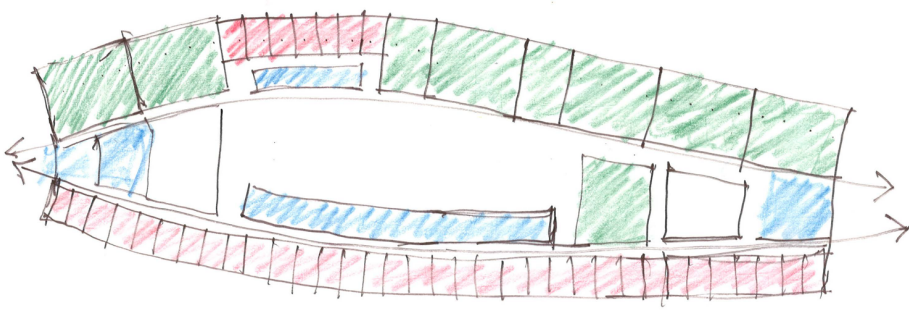
West and South Elevations



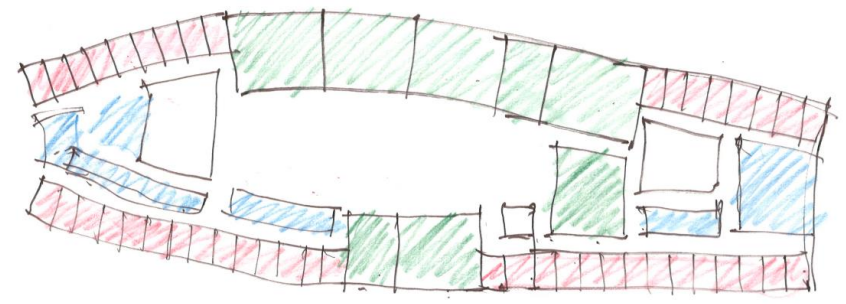
Current Plan - Majority Offices on North



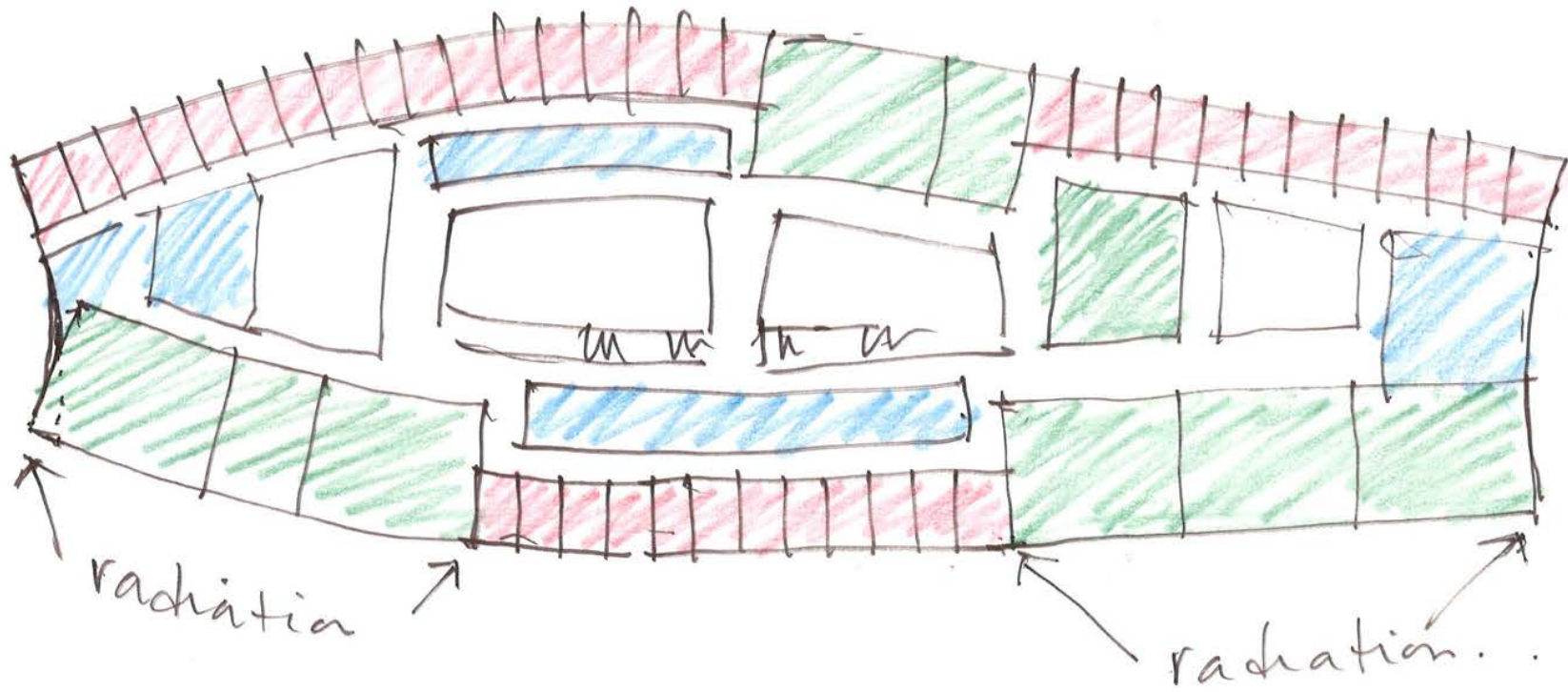
Offices on North



Offices on South

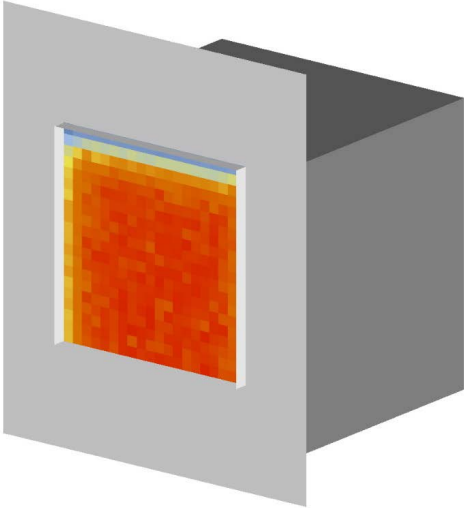


Majority of Offices on South

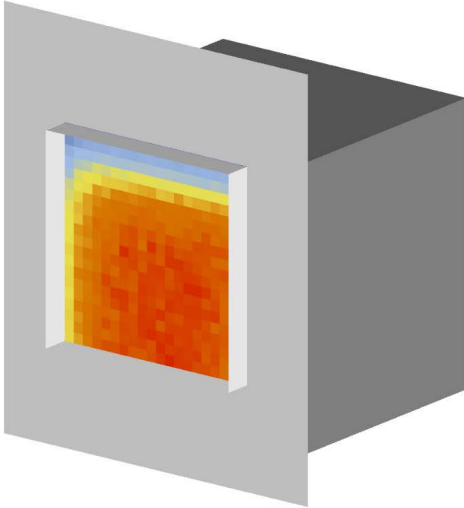


**Majority Offices on North
Interactive Program Mix**

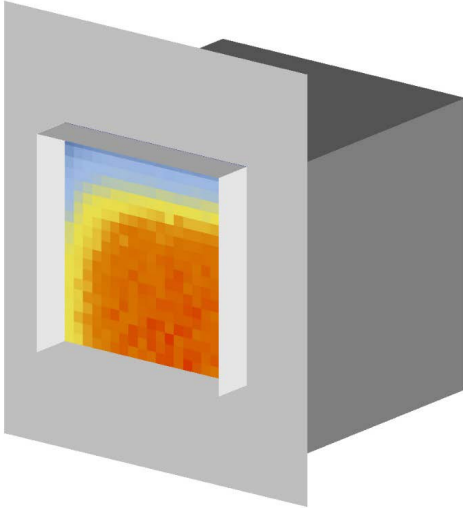
Exterior Shading Depth: Radiation Analysis



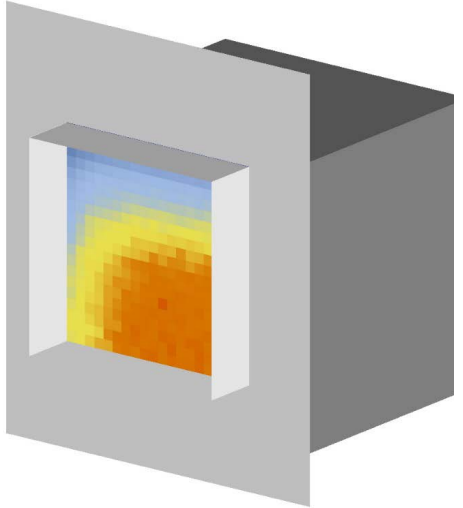
Solar Shade - 0.5' Depth
June 1st to Sept 1st
14.0% Solar Radiation Decrease



Solar Shade - 1.0' Depth
June 1st to Sept 1st
27.0% Solar Radiation Decrease



Solar Shade - 1.5' Depth
June 1st to Sept 1st
38.0% Solar Radiation Decrease



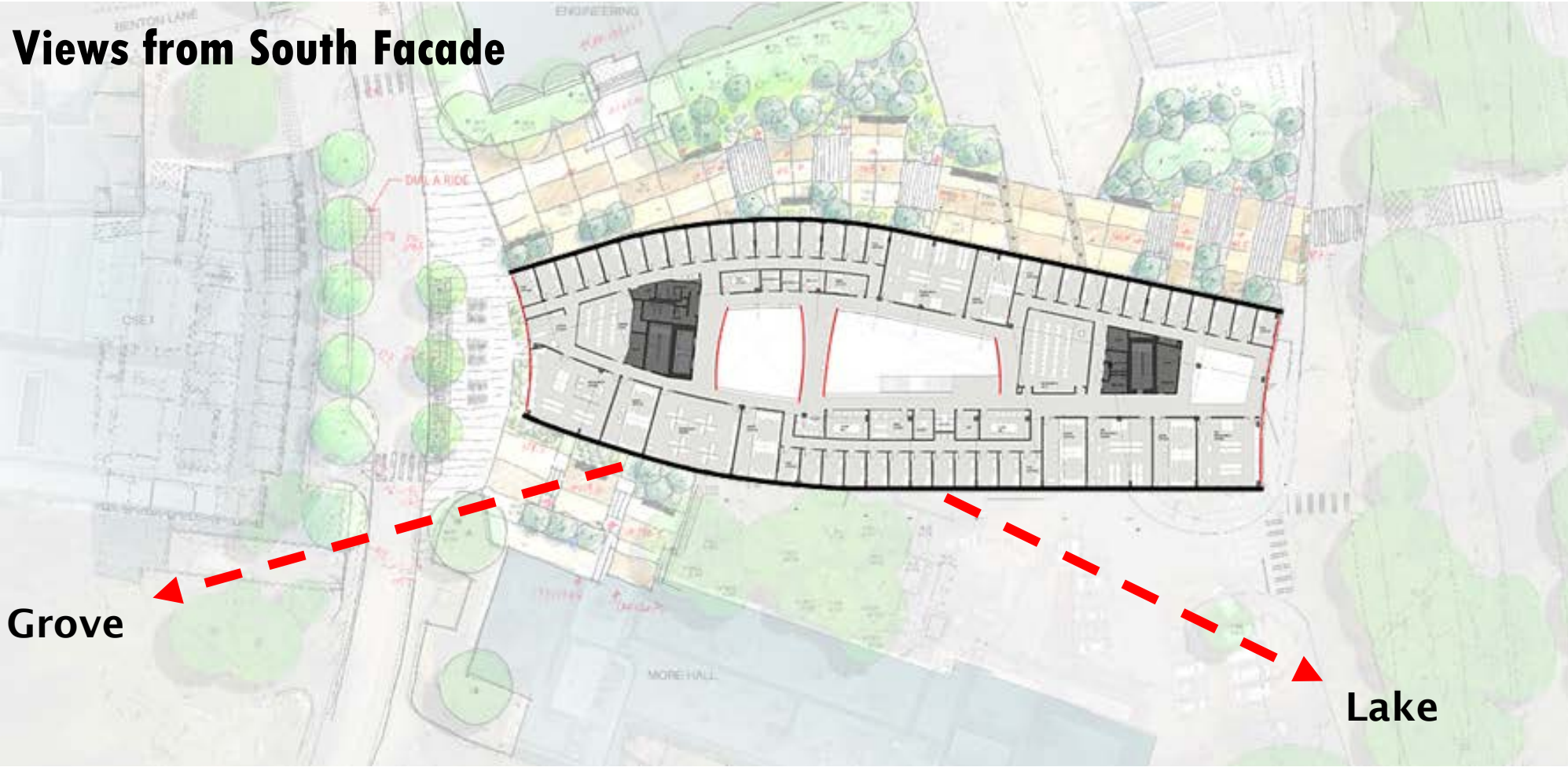
Solar Shade - 2.0' Depth
June 1st to Sept 1st
48.0% Solar Radiation Decrease

6" Depth

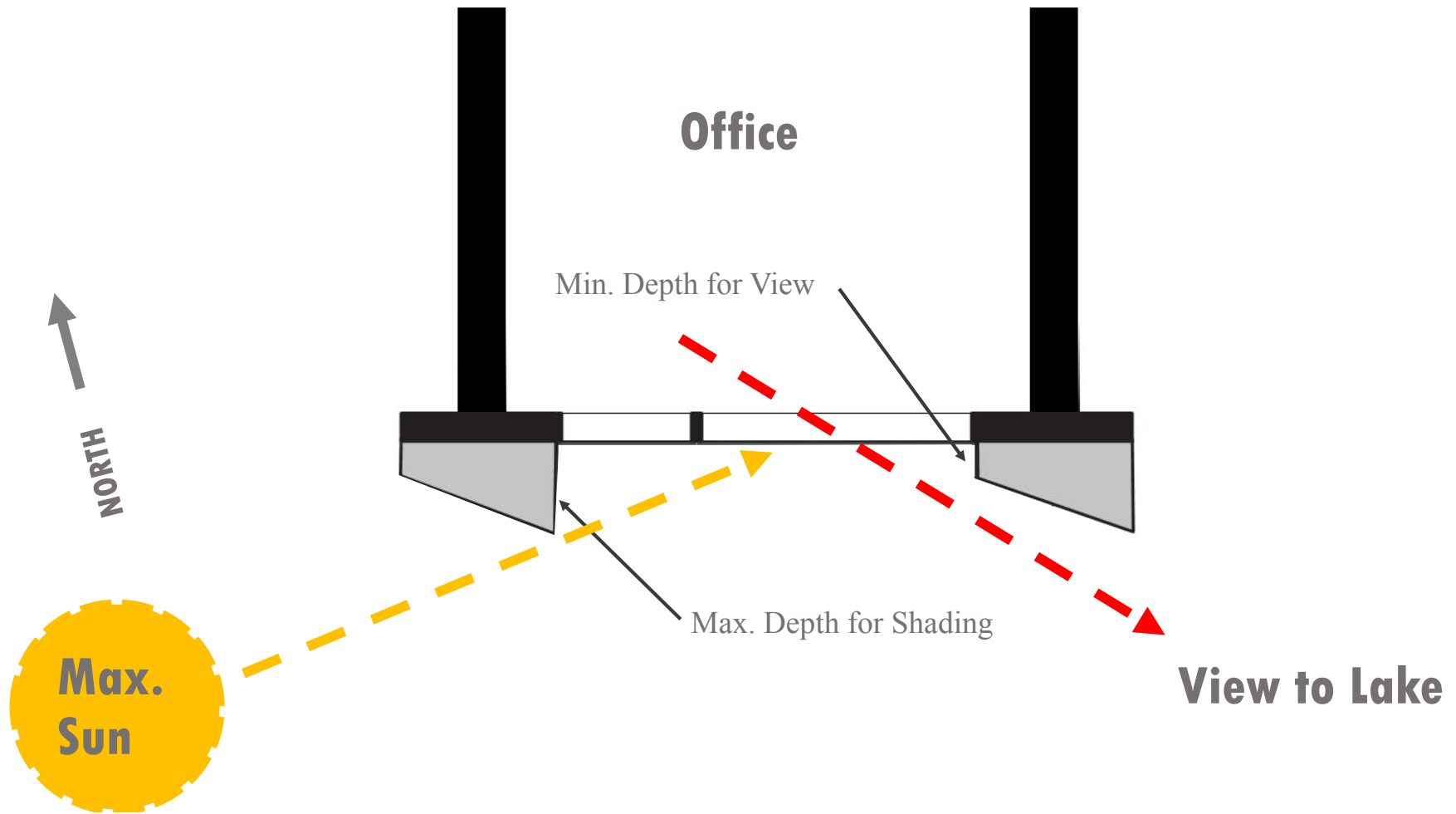


24" Depth

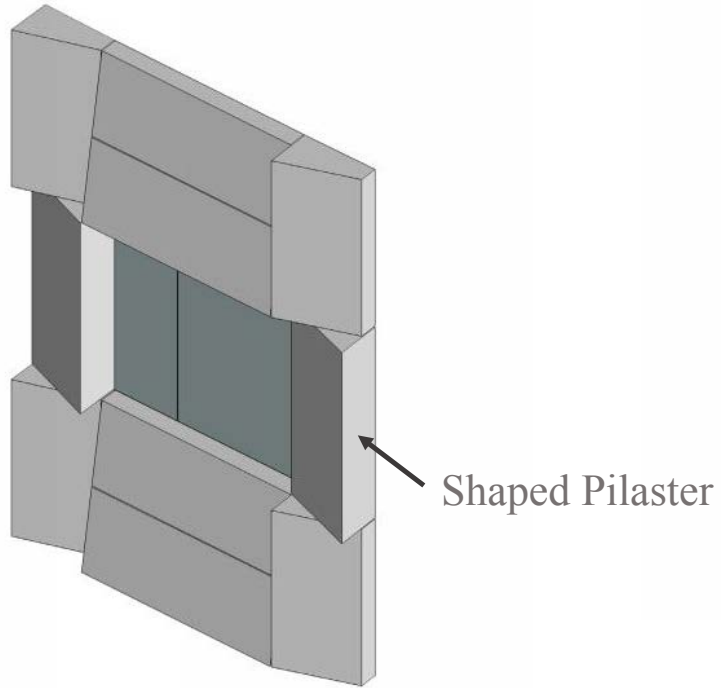
Views from South Facade



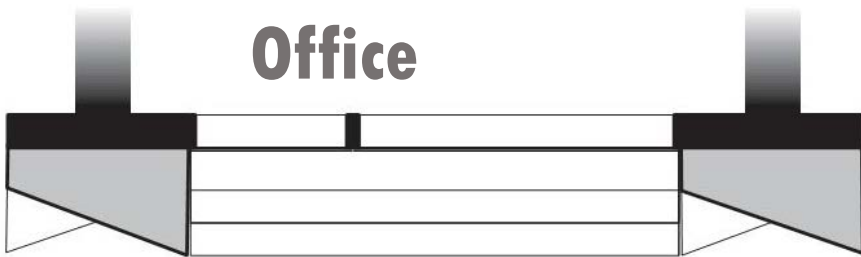
Optimized Shading and Views on South Facade



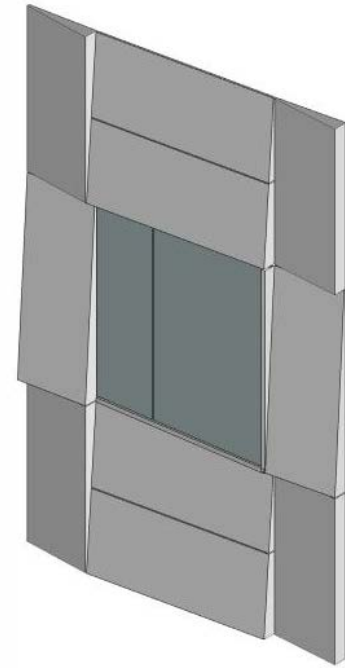
South Facing: 18" Depth



Office

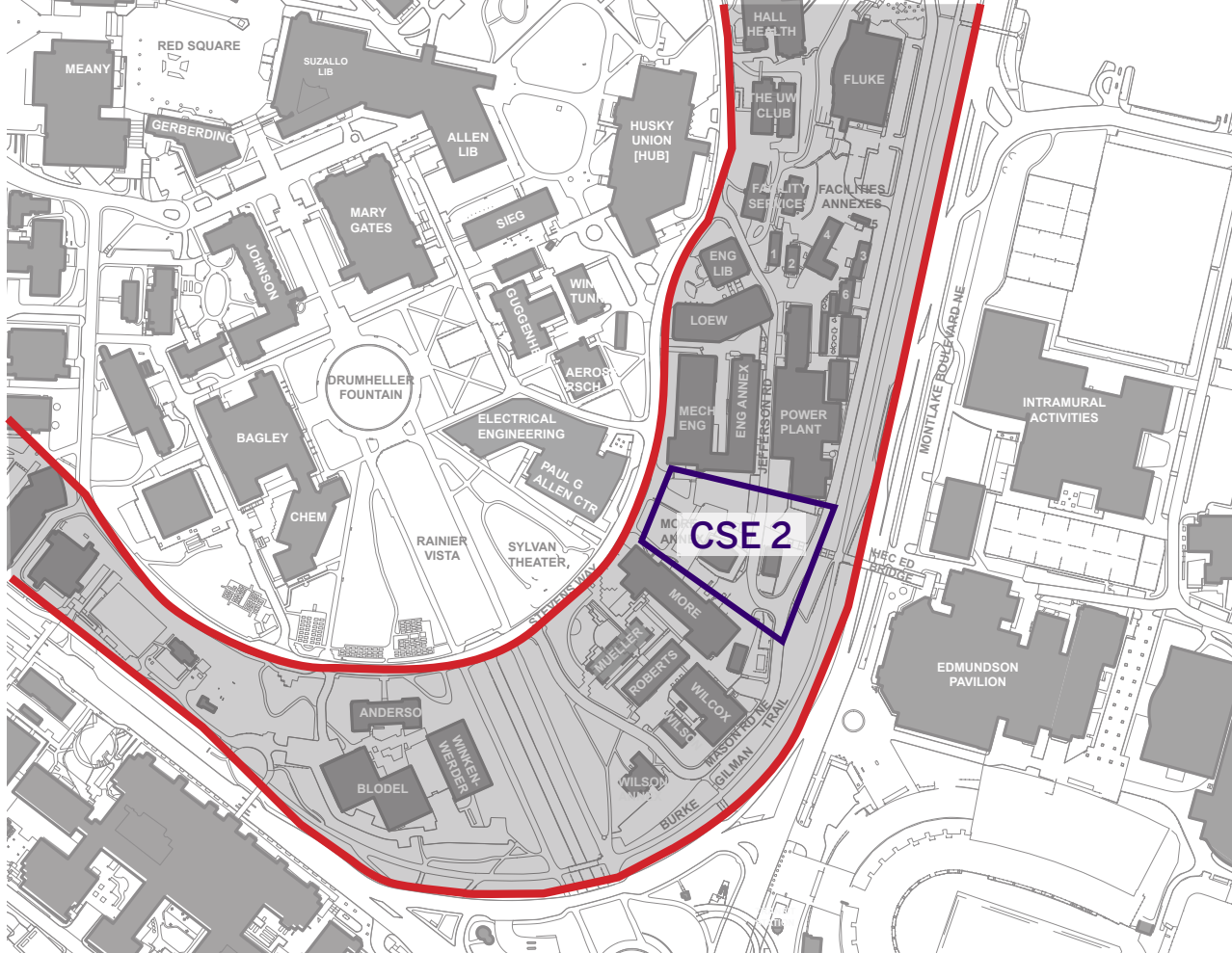


North Facing: 6" Depth



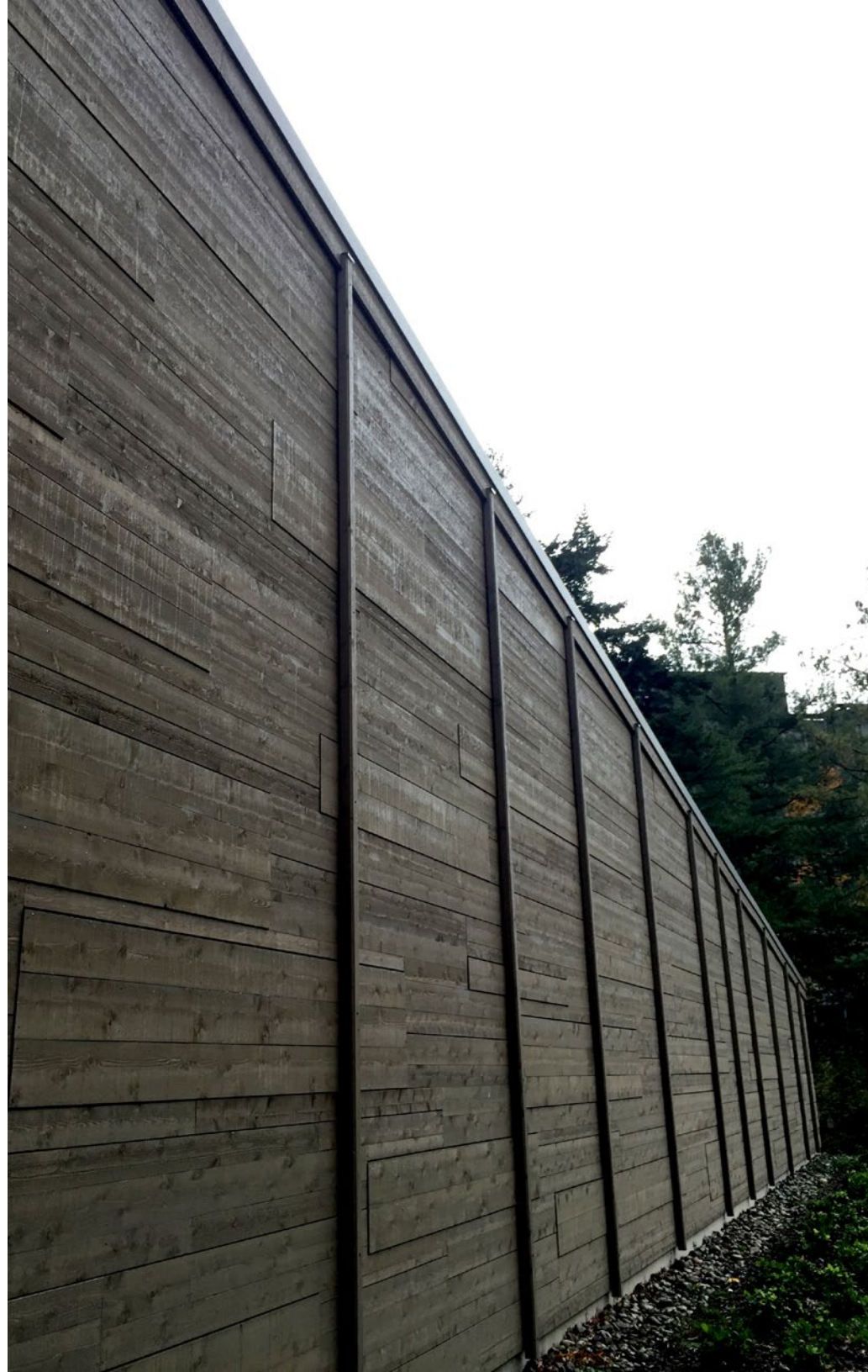
Office



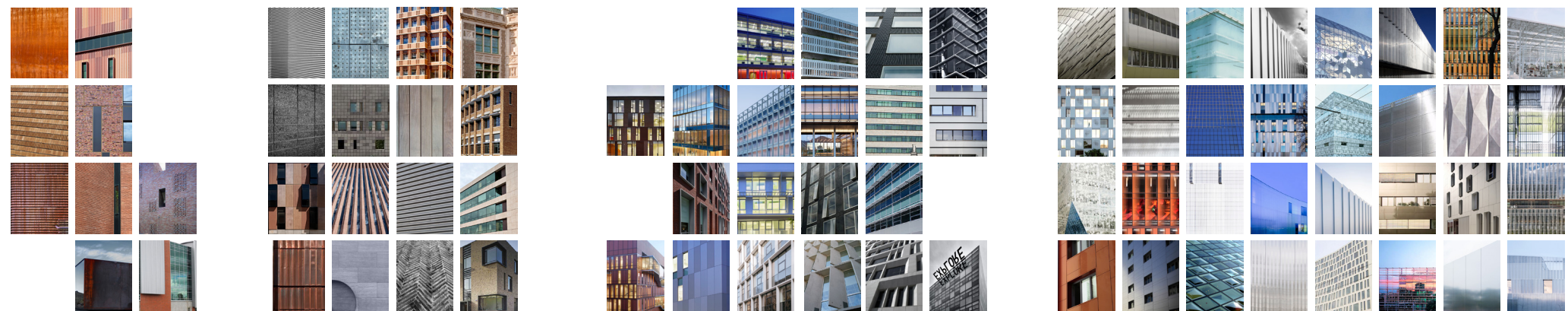












Massive



Light







Inset



Shingled



Reflective

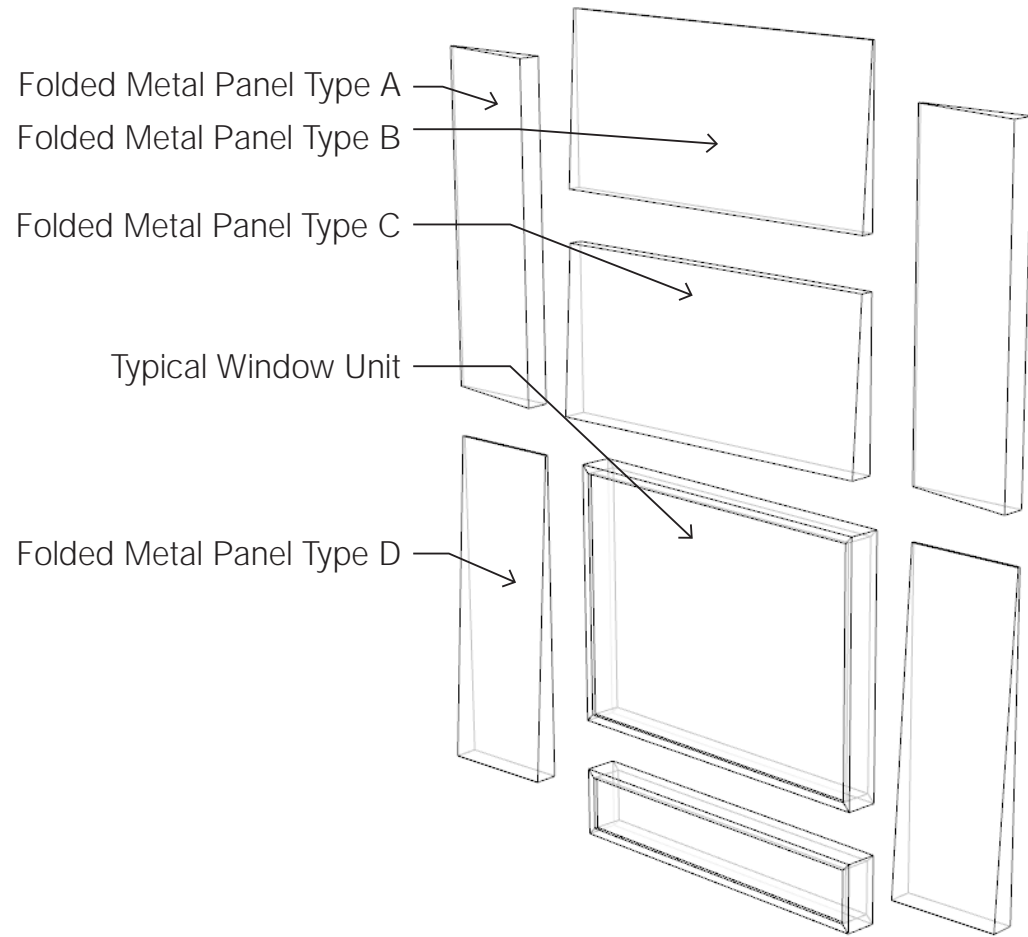
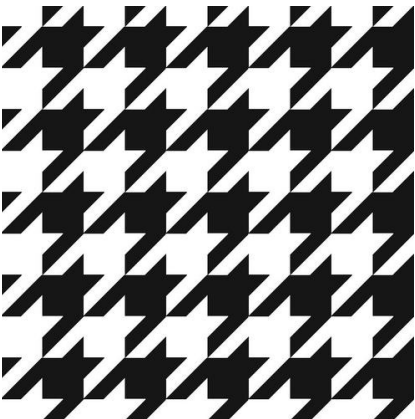


Pleated

Shingled



Shingled



Wall Assembly Plan View

Shingled



Shingled



Shingled



Brick



Pleated



Inset



Textured



Laced



Civil Engineering



More Hall



Allen Center



Terra Mauve 105 R:157 G:97 B:65	
Runyon Canyon Tan 1140 R:157 G:111 B:74	
California Redwood 1190 R:153 G:90 B:73	
Sienna Clay 104 R:190 G:120 B:81	
Buckhorn 987 R:133 G:116 B:95	
Wynwood 1231 R:125 G:92 B:79	

Raisin 1237 R:115 G:88 B:73	
Dorset Gold HC-8 R:222 G:183 B:116	
Cornucopia Tan 119 R:209 G:135 B:79	
Warm Sienna 1203 R:166 G:90 B:79	
Pumice Stone 1197 R:145 G:92 B:72	
Seminole Brown 1183 R:142 G:94 B:81	

Sienna Clay 104 R:190 G:120 B:81	
Terra Mauve 105 R:157 G:97 B:65	
Roxbury Caramel HC-42 R:203 G:164 B:121	
Baked Pretzel 1126 R:146 G:115 B:86	



Inset



Pleated



Pleated



Textured



Textured

South Facade

Copper Trim
Structural Brick



Inset Windows

North Facade

Copper Trim
Structural Brick



Flush Windows

South Facade



North Facade



