



University  
of Washington

Computer  
Science &  
Engineering  
Building II

**LMN** Architecture  
Urban Design  
Interiors



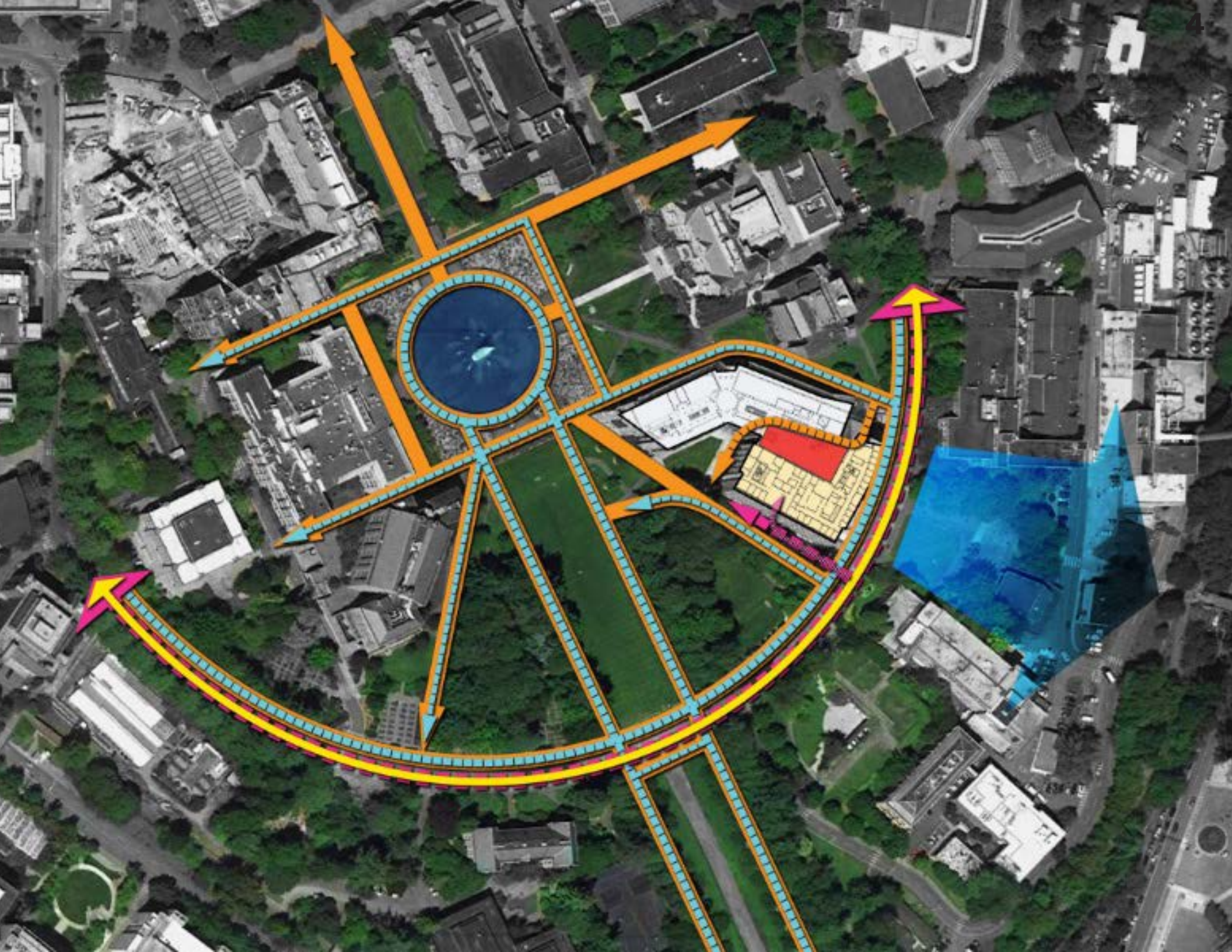
## PROJECT GOALS

- Increase Capacity for Degree Students to Fulfill State, Regional, and UW Goals for Computer Science Graduates and Education
- Create a Unified Complex for Computer Science & Engineering
- Provide Qualitative Parity between Allen Center and New Building
- 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
- Develop and Enhance Campus Connections & Landscape

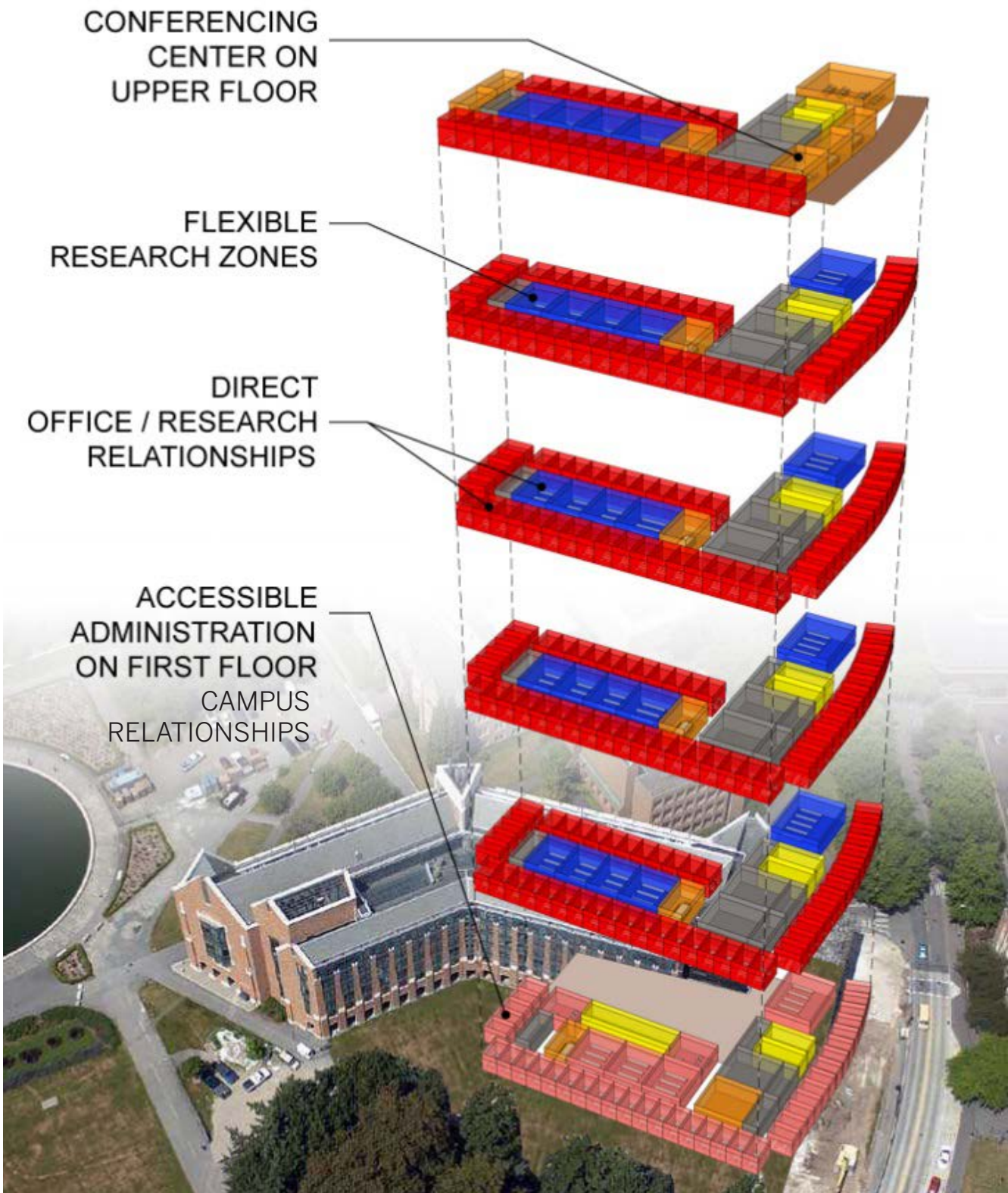


















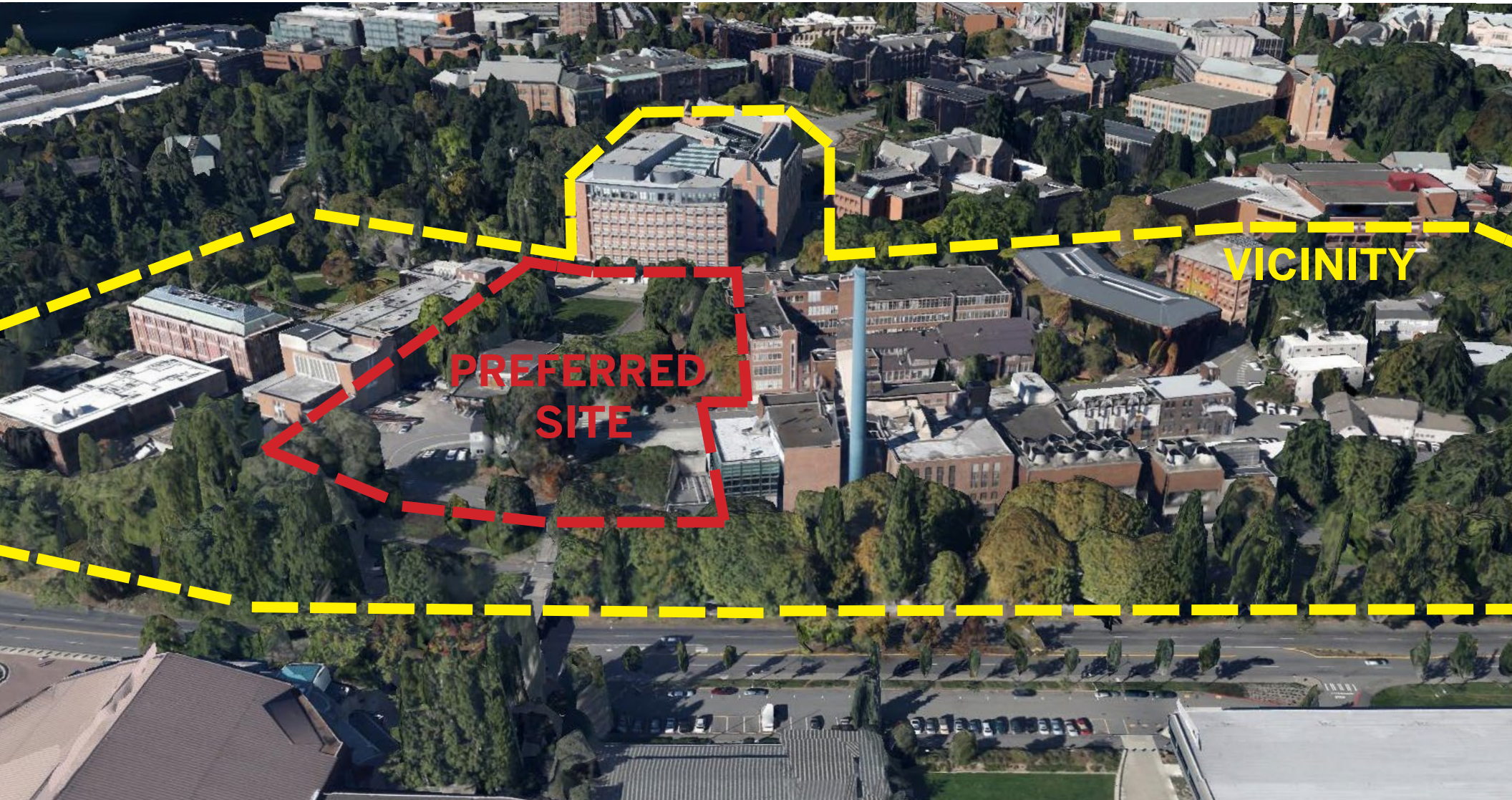


WILSON CENTER ATRIUM

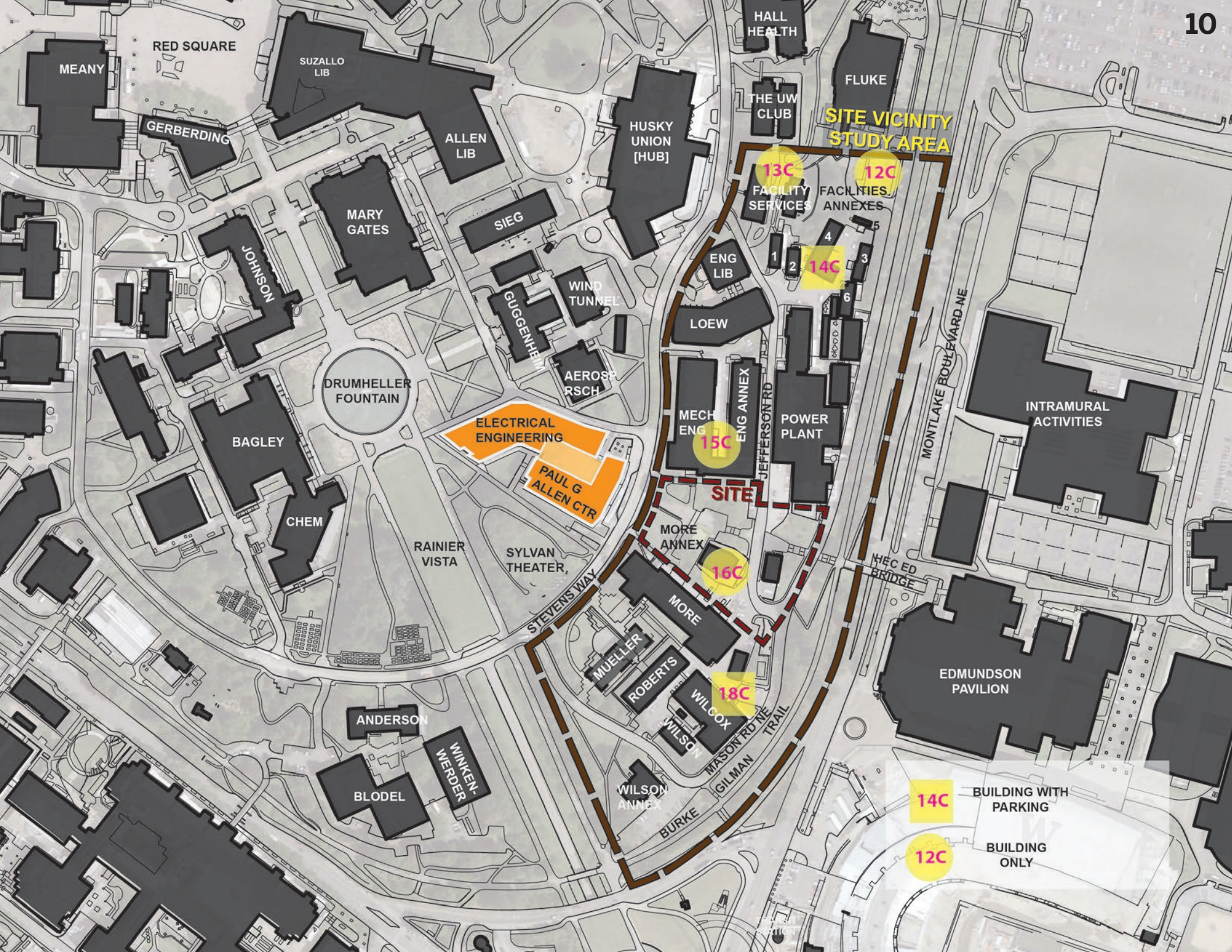












**SITE VICINITY STUDY AREA**

**13C** FACILITY SERVICES

**12C** FACILITIES ANNEXES

**14C** 1 2 3 4 5 6

**15C** MECH ENG

**SITE**

**16C** MORE ANNEX

**18C** WILCOX

**14C**

BUILDING WITH PARKING

**12C**

BUILDING ONLY



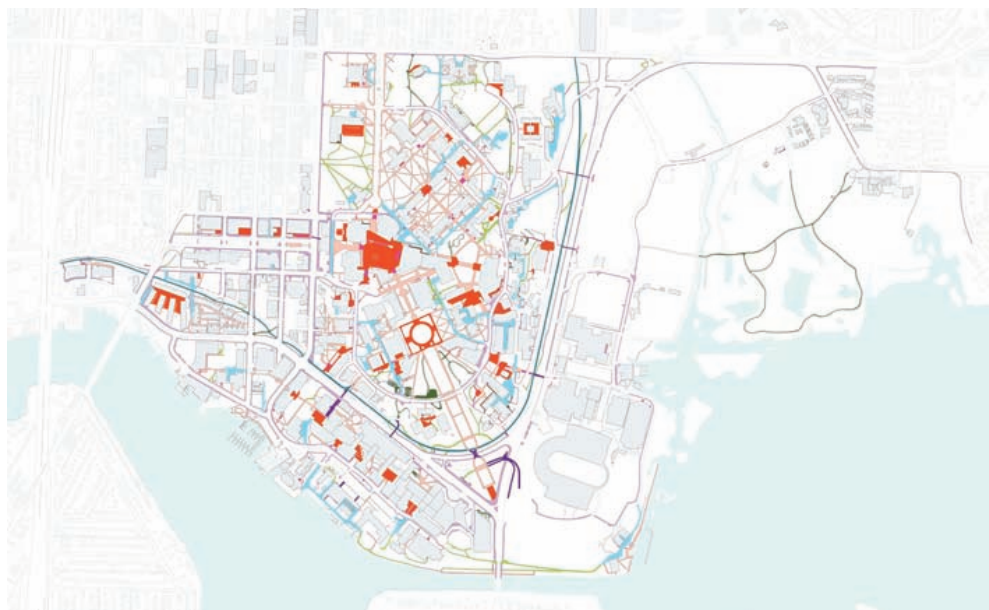
# Campus Landscape Framework



Landscape Mosaic



Existing Circulation - Radial Axes



Circulation Mosaic



Existing Circulation - Concentric Edges



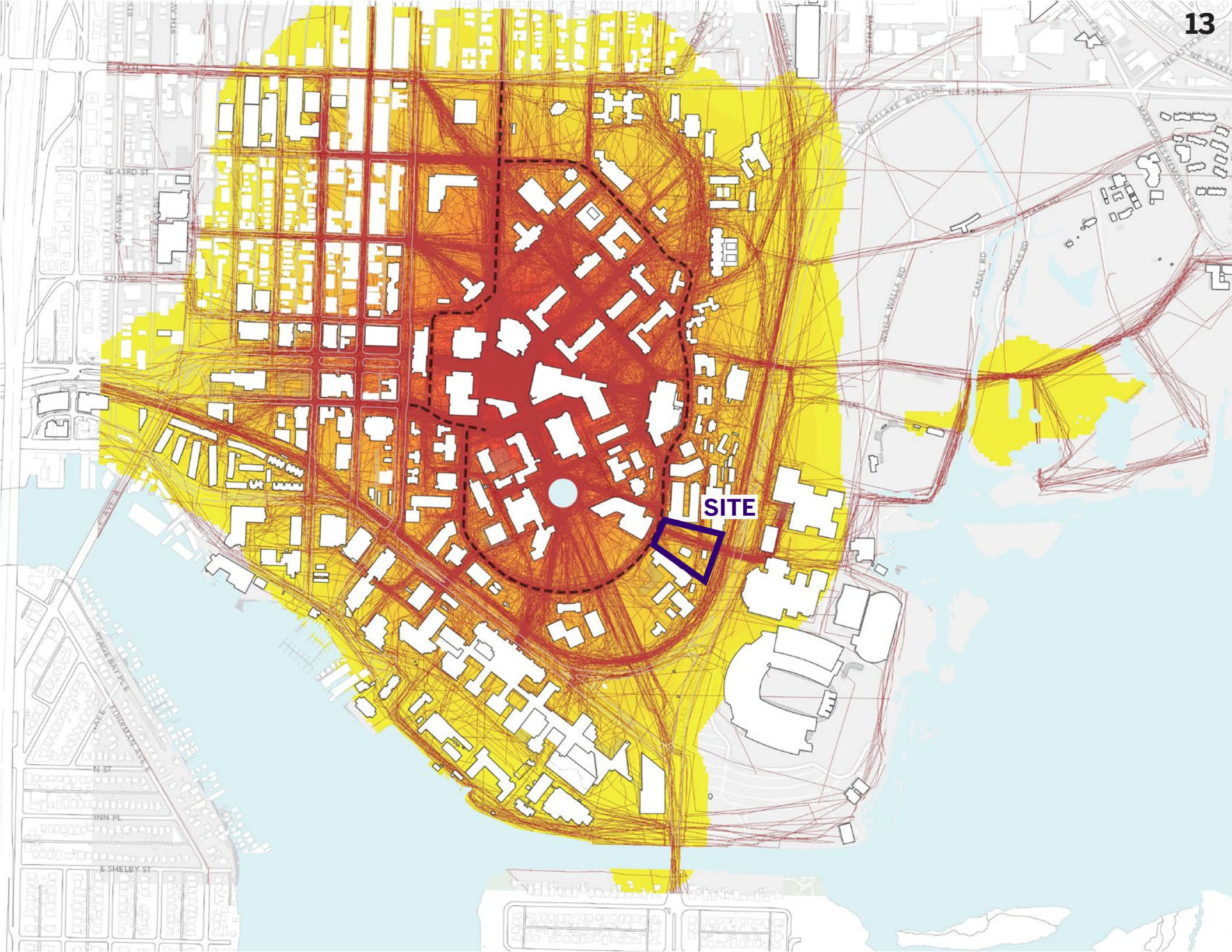


# NEW HYBRID LANDSCAPE TYPE

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





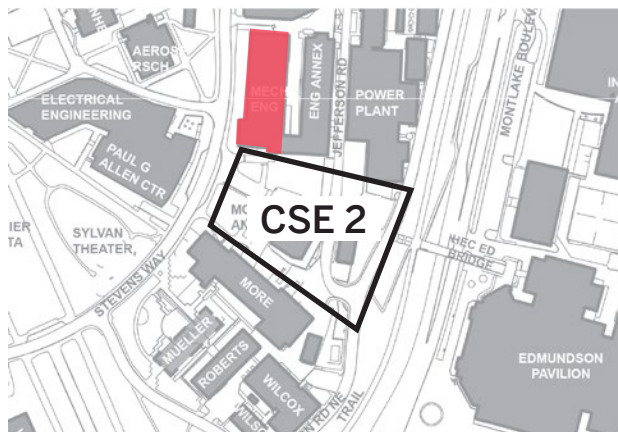






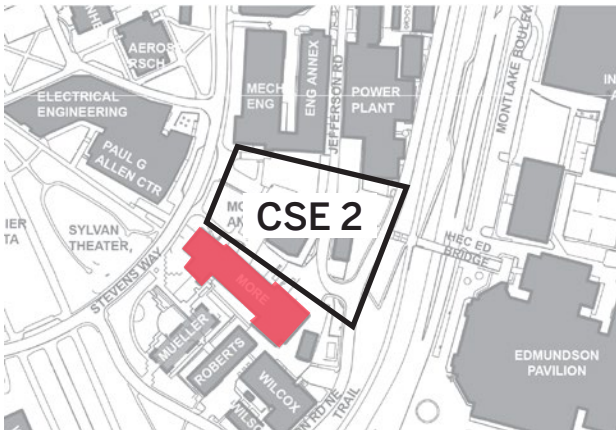


# Mechanical Engineering



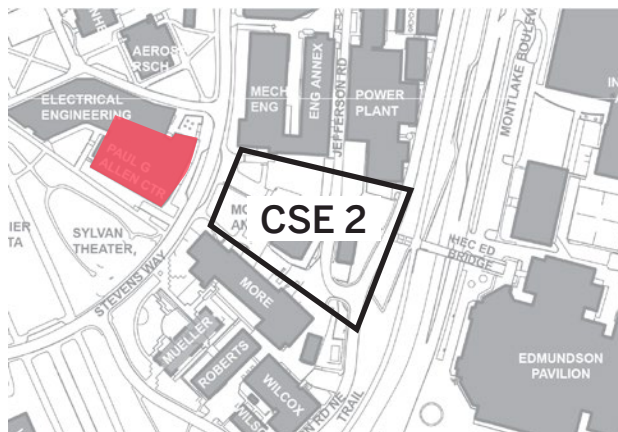


# More Hall



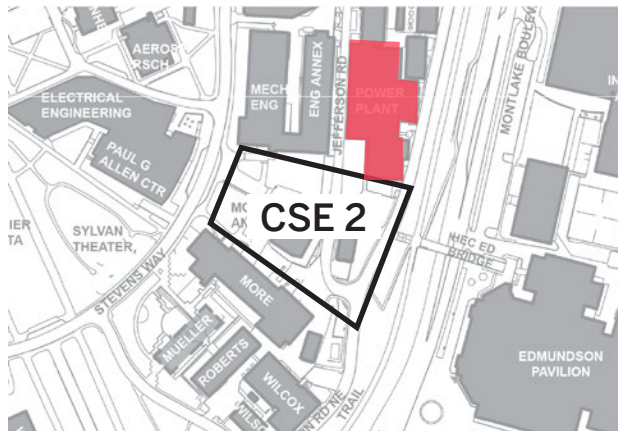


# Paul G. Allen Center





# Power Plant

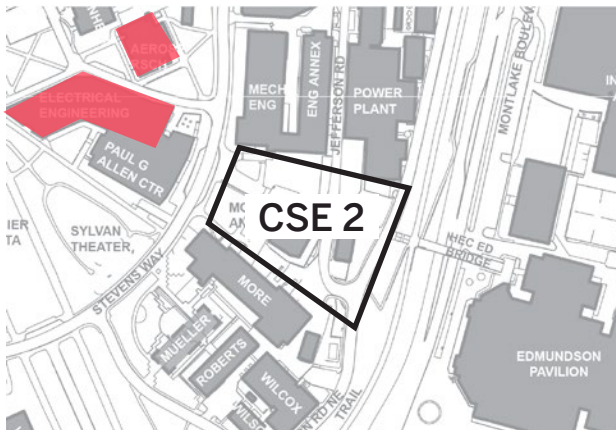




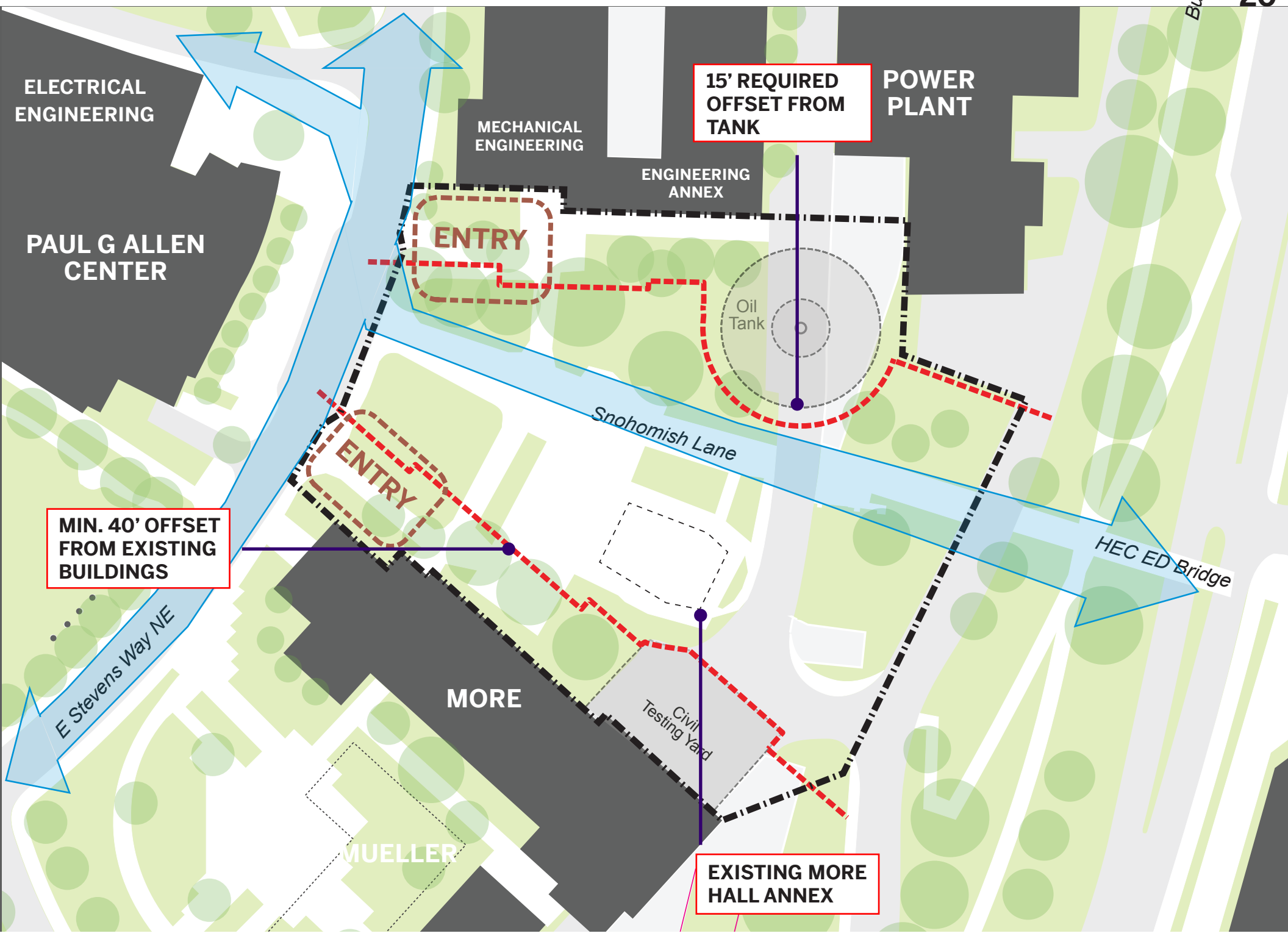
# Electrical Engineering



# Aerospace Research







ELECTRICAL ENGINEERING

MECHANICAL ENGINEERING

15' REQUIRED OFFSET FROM TANK

POWER PLANT

ENGINEERING ANNEX

PAUL G ALLEN CENTER

ENTRY

Oil Tank

Snohomish Lane

ENTRY

MIN. 40' OFFSET FROM EXISTING BUILDINGS

HEC ED Bridge

E Stevens Way NE

MORE

Civil Testing Yard

MUELLER

EXISTING MORE HALL ANNEX

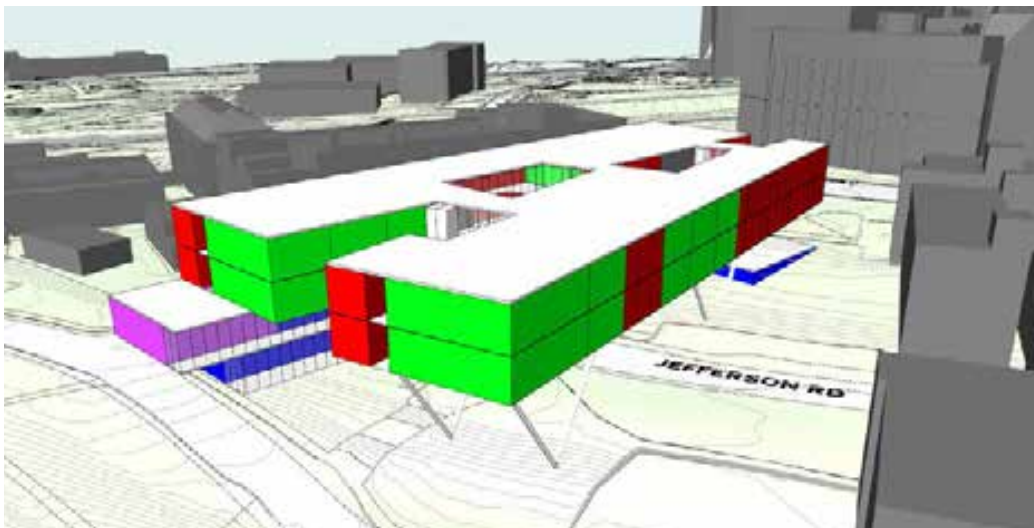


# Concept Design





Scheme C Site Plan



Scheme C Perspective View



LEVEL 3



LEVEL 2



LEVEL 1



BASEMENT







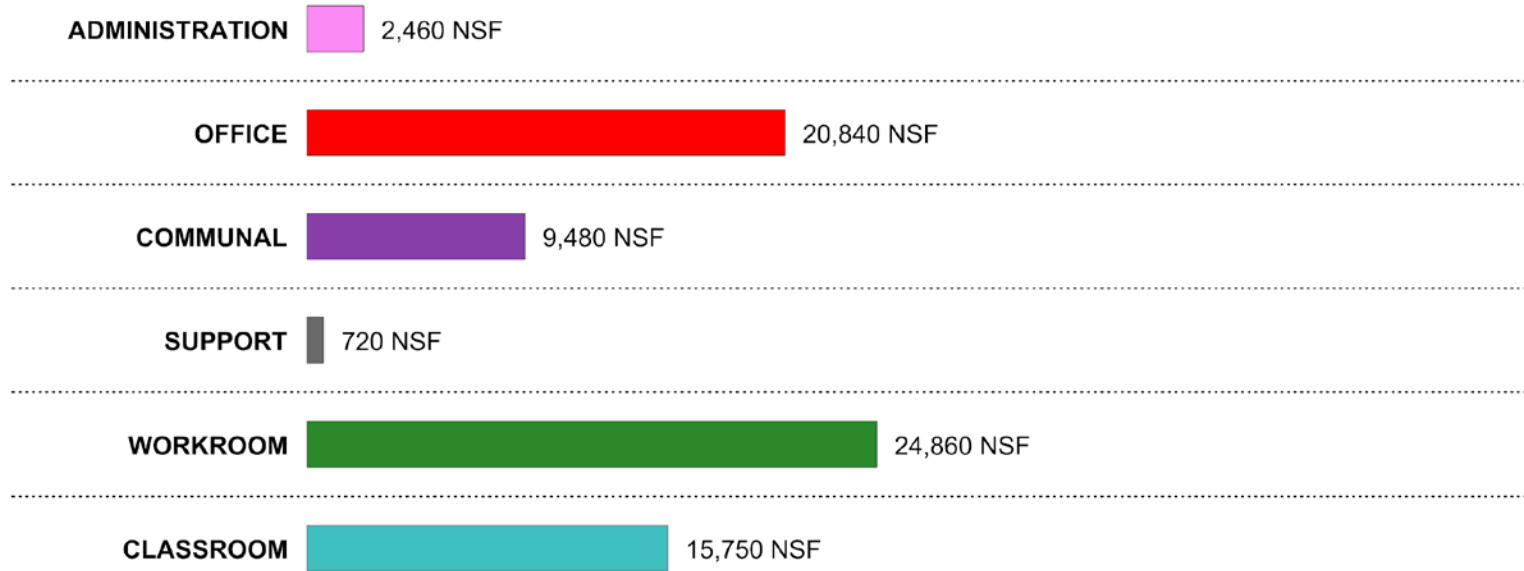




# Schematic Design

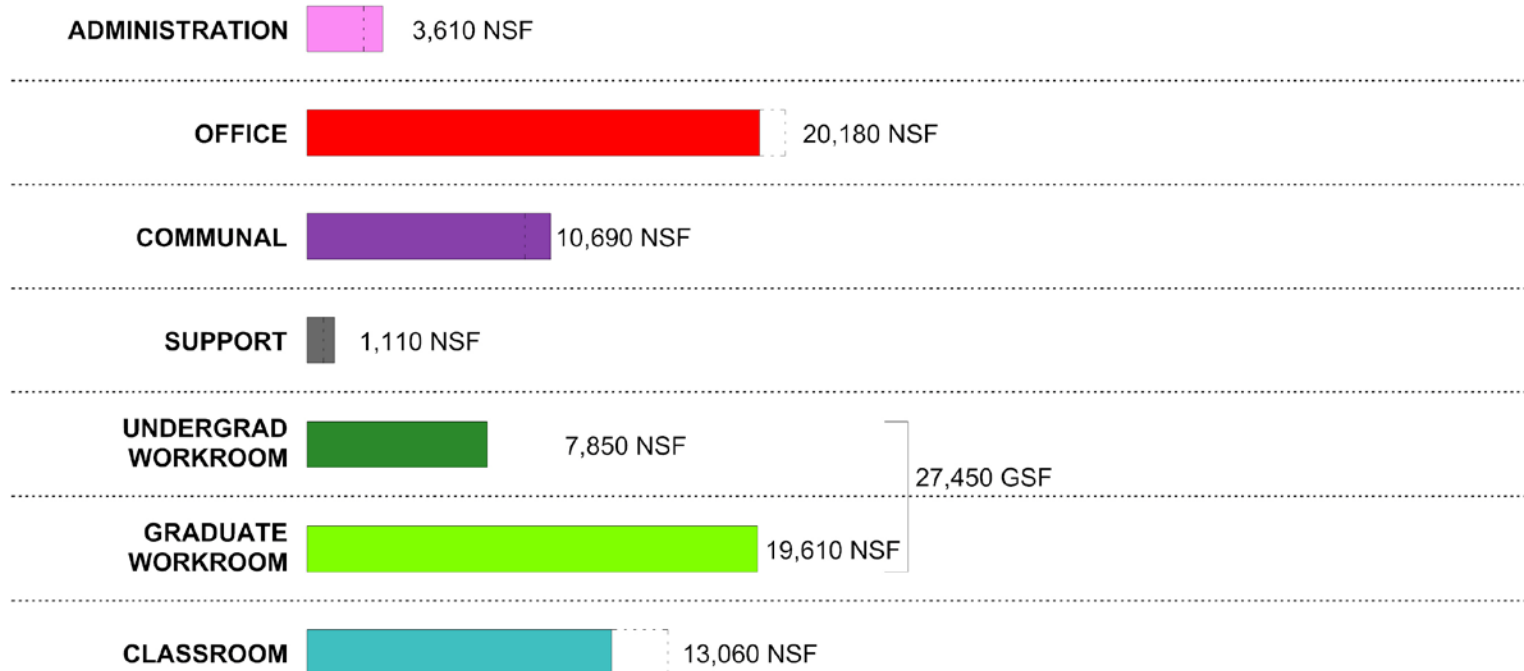


# FEASIBILITY STUDY PROGRAM 130,000 GSF

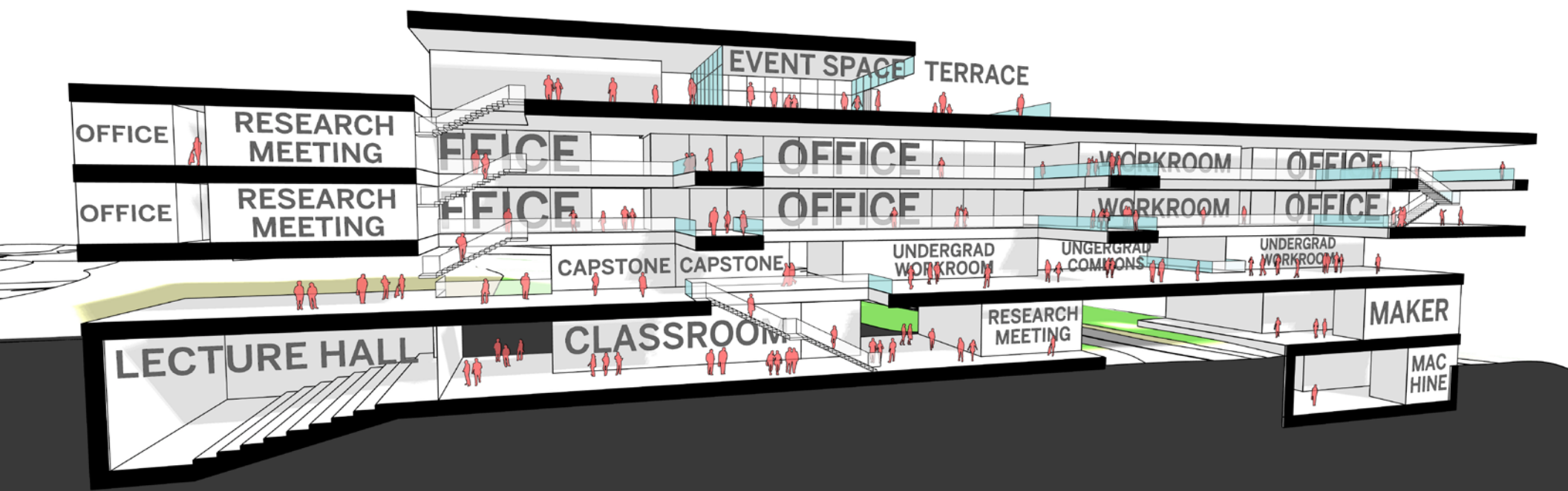
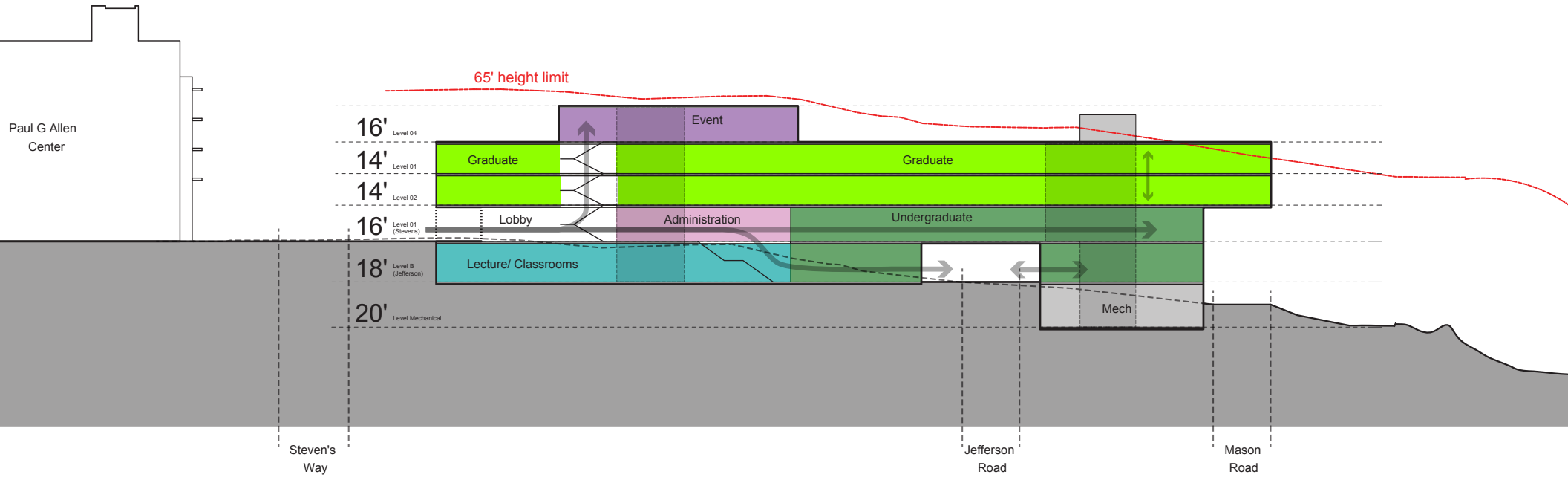



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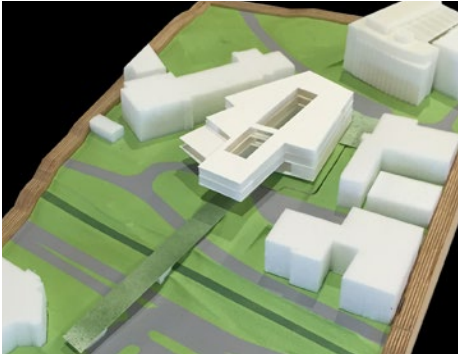
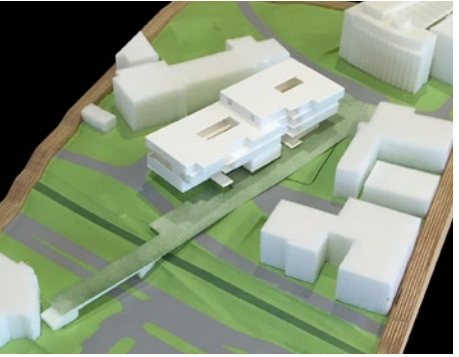
# UPDATED PROGRAM 134,710 GSF



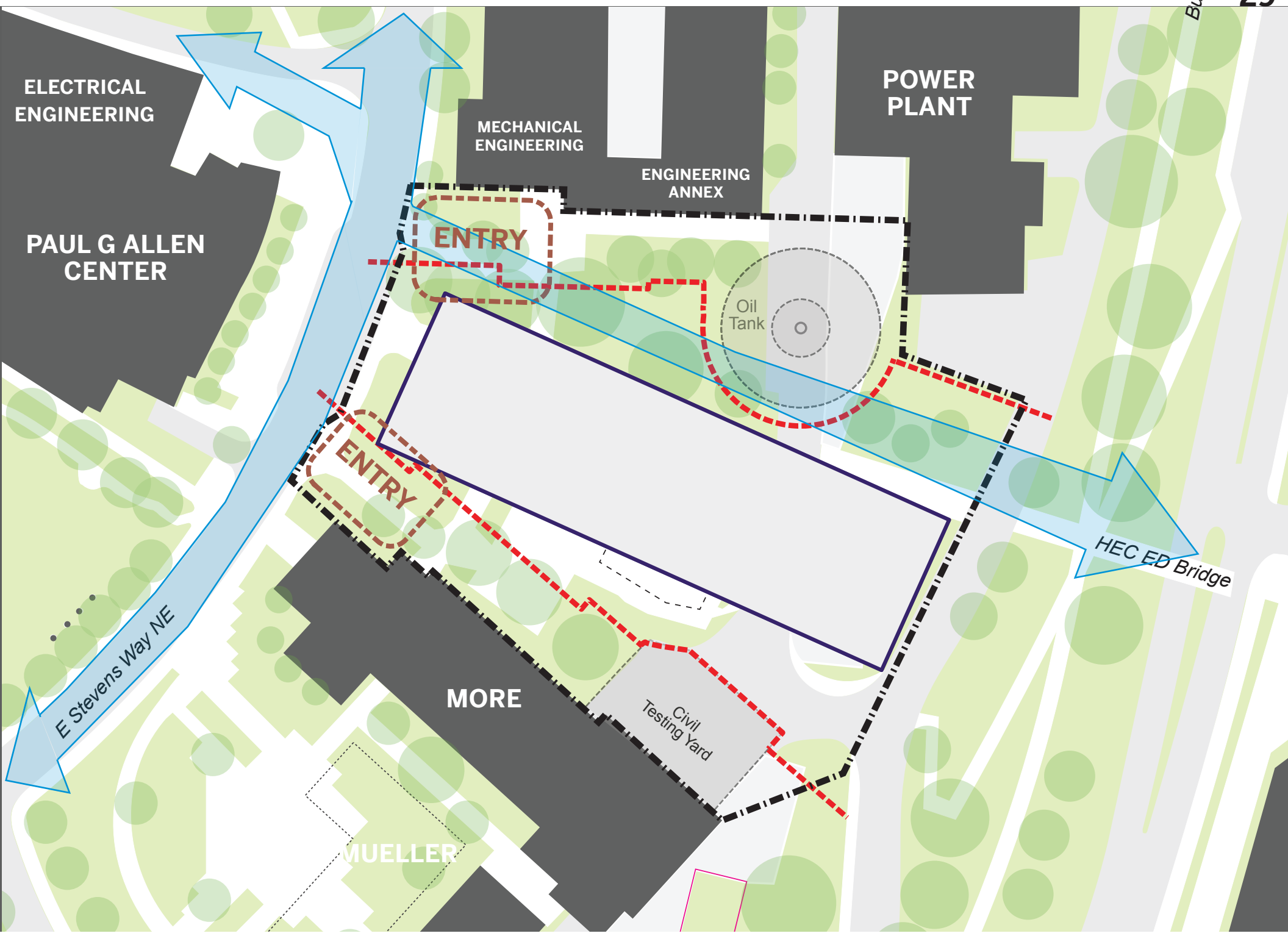












ELECTRICAL ENGINEERING

PAUL G ALLEN CENTER

MECHANICAL ENGINEERING

ENGINEERING ANNEX

POWER PLANT

ENTRY

Oil Tank

ENTRY

MORE

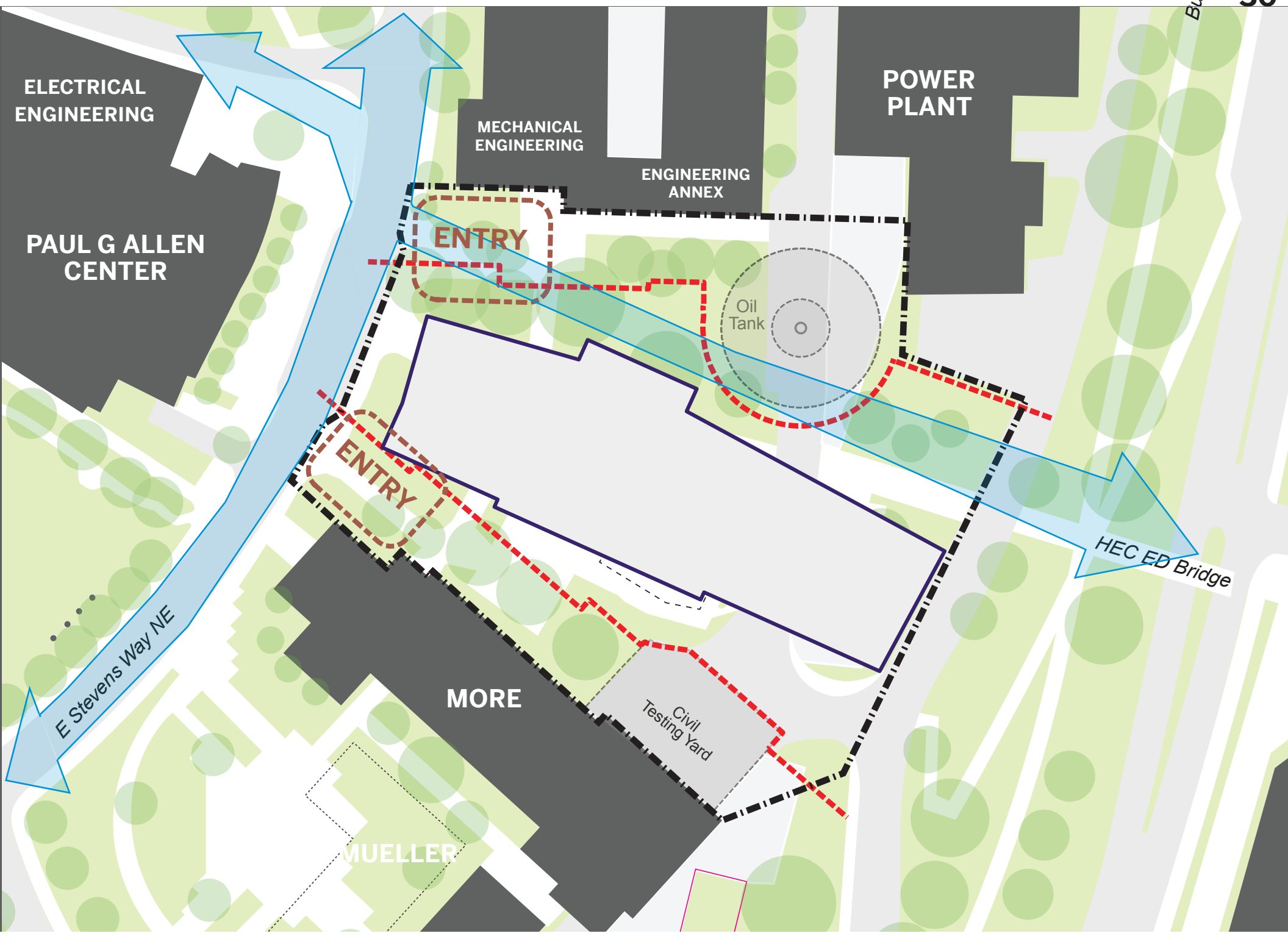
Civil Testing Yard

MUELLER

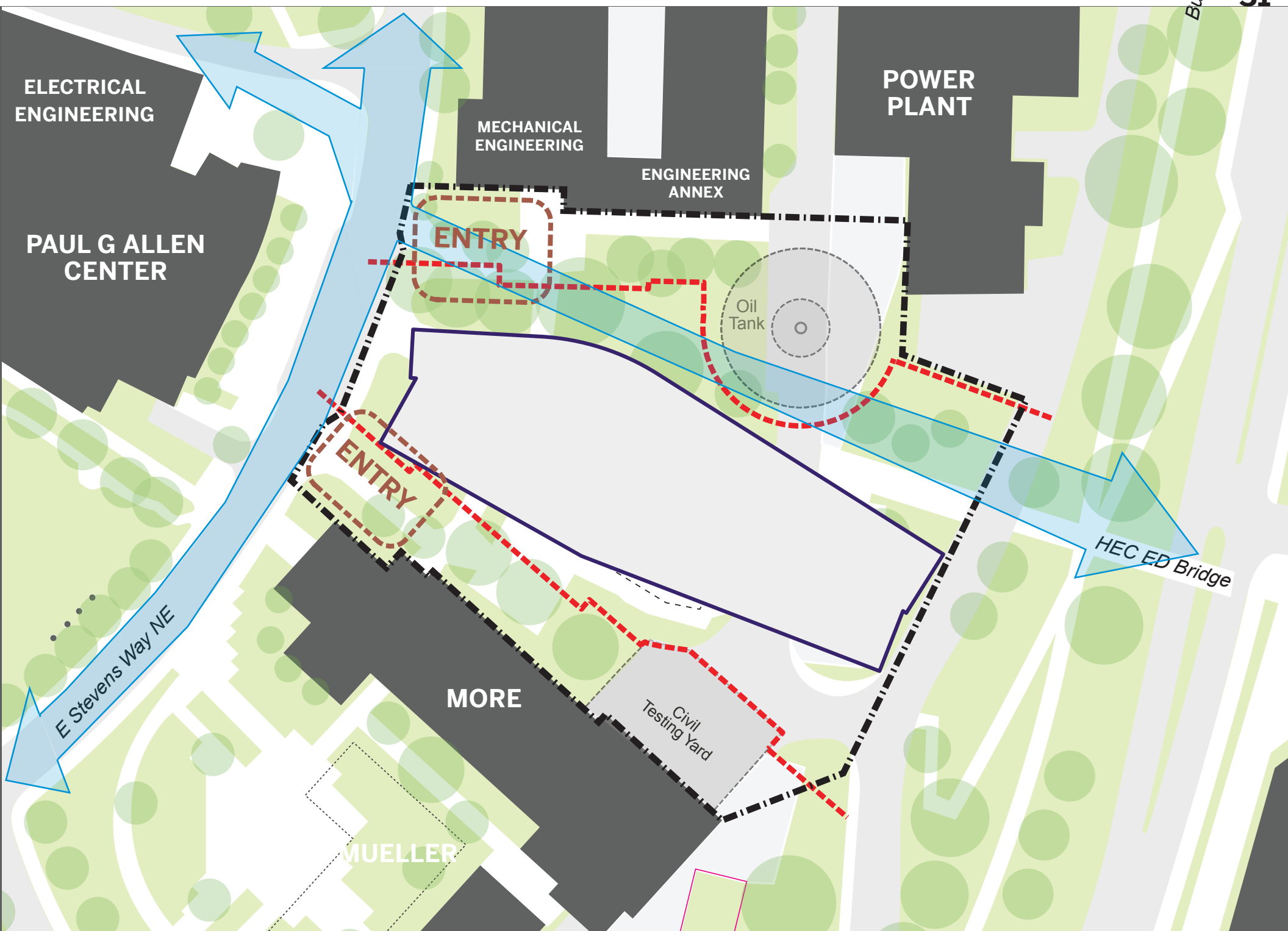
E Stevens Way NE

HEC ED Bridge

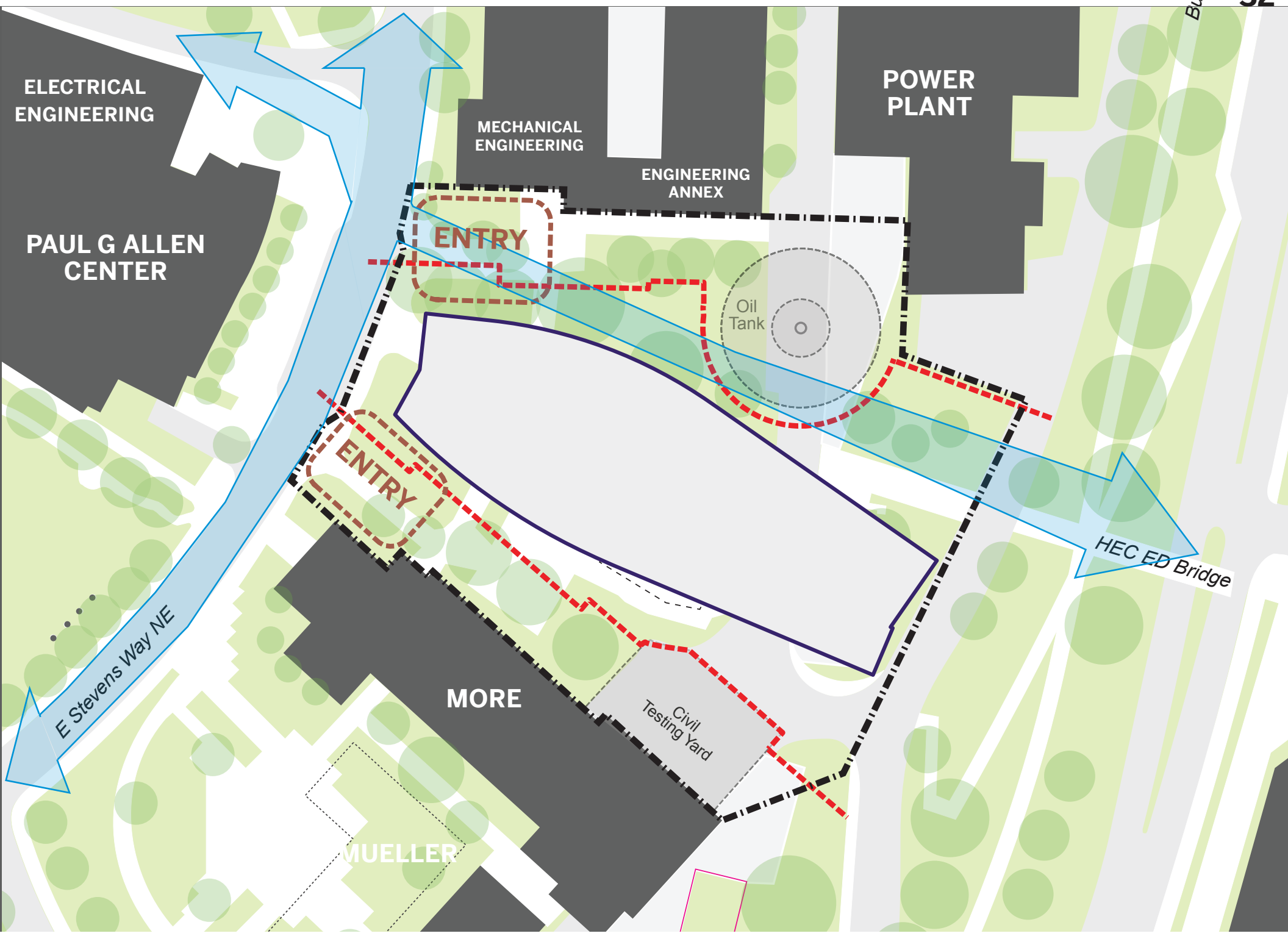




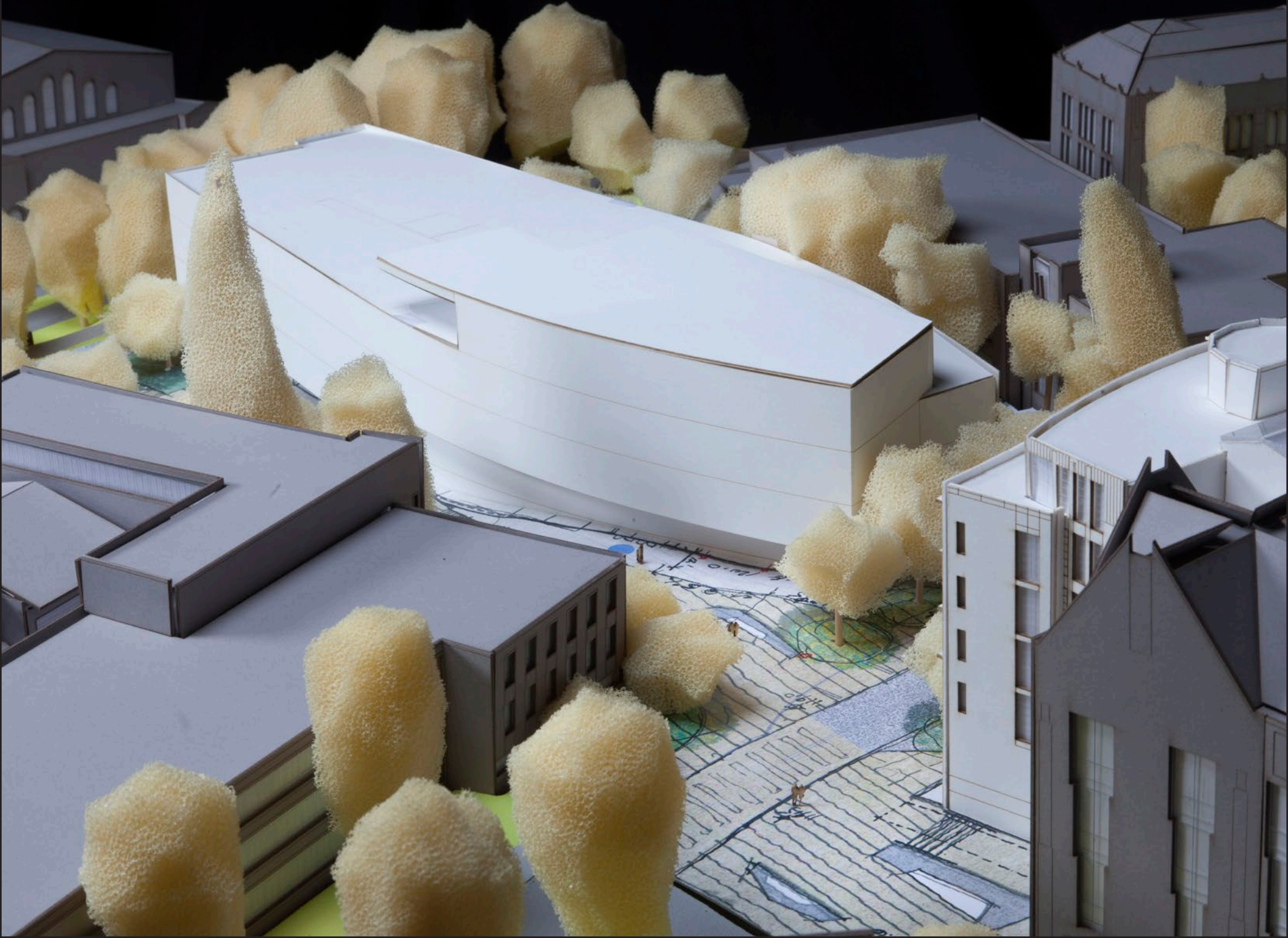




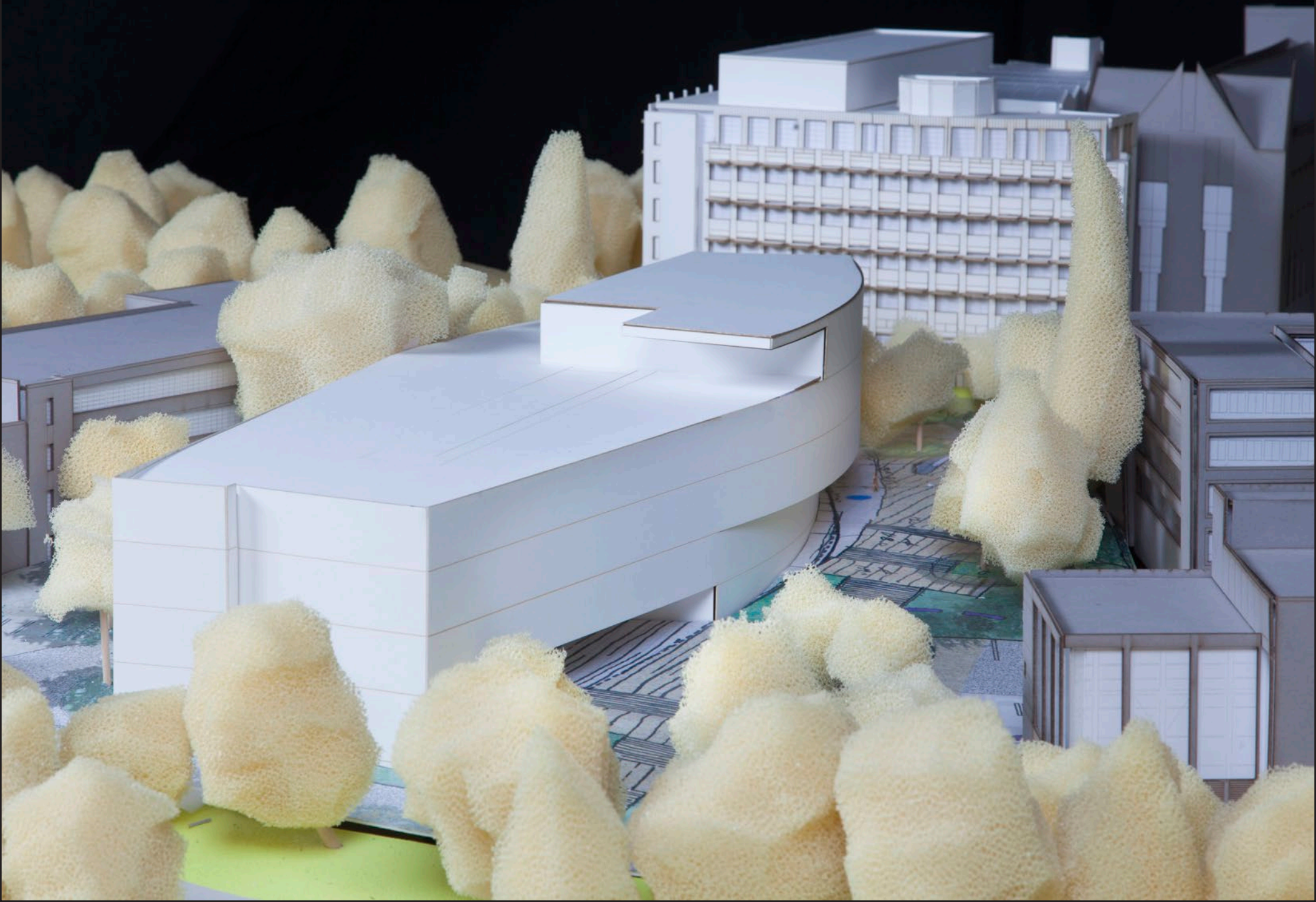




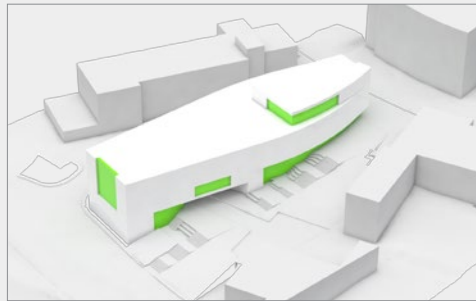
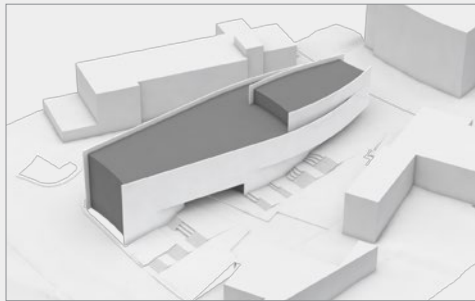
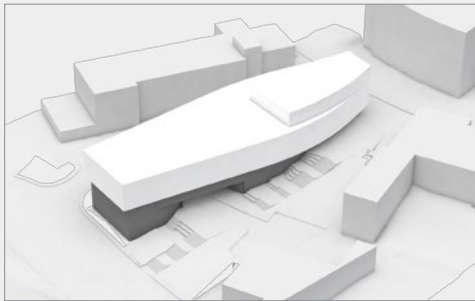
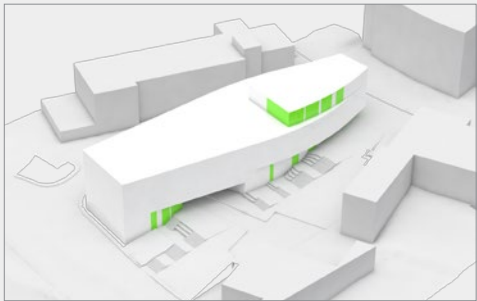
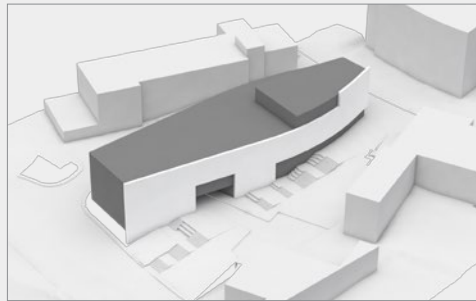
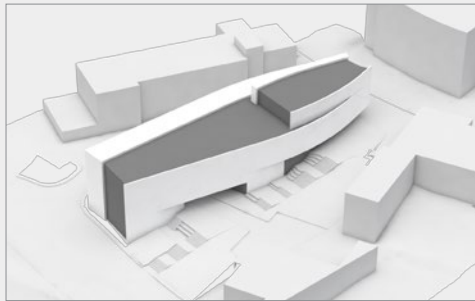
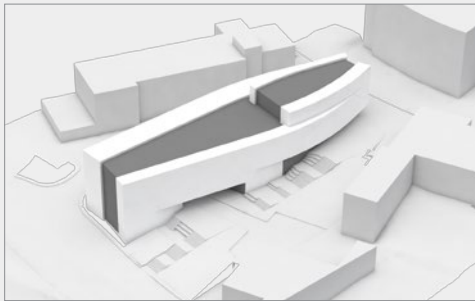
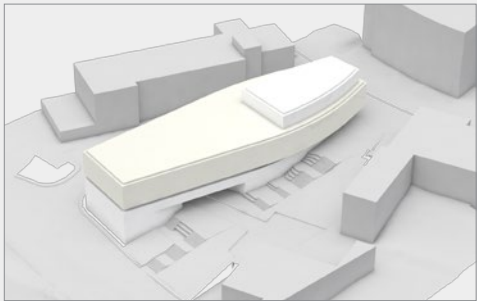
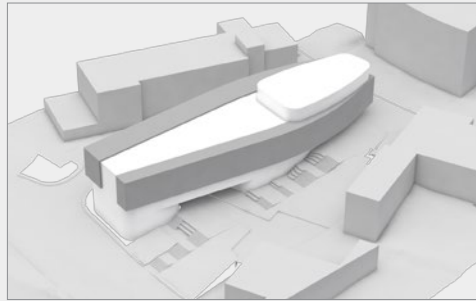
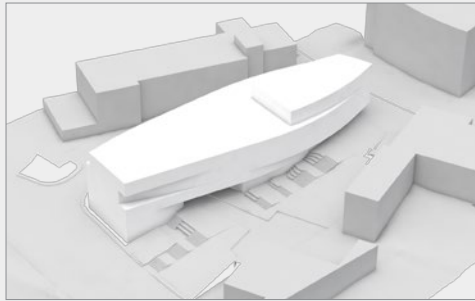
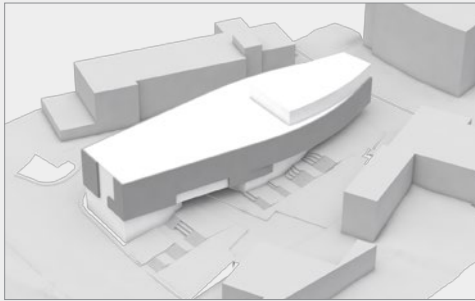
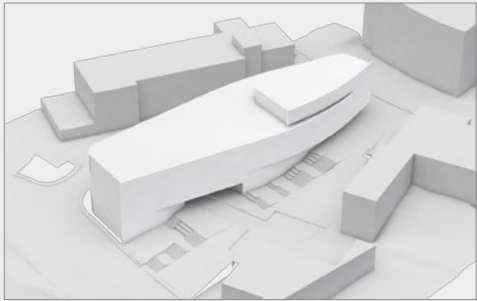
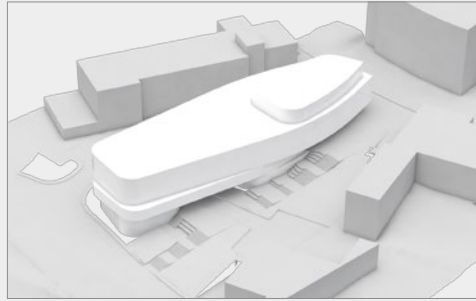
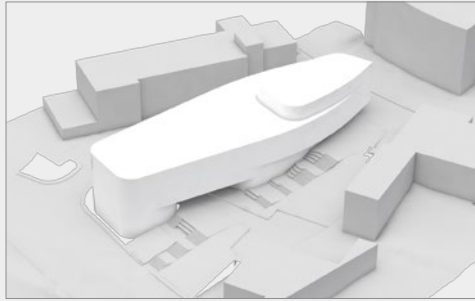
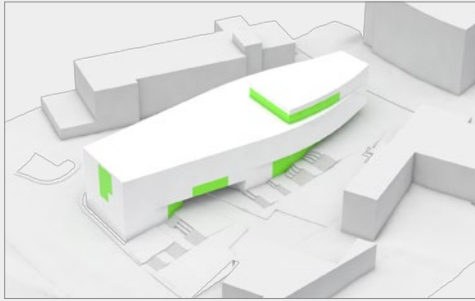
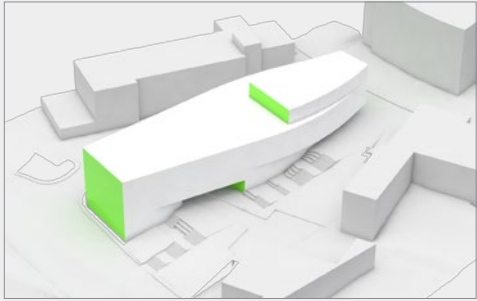




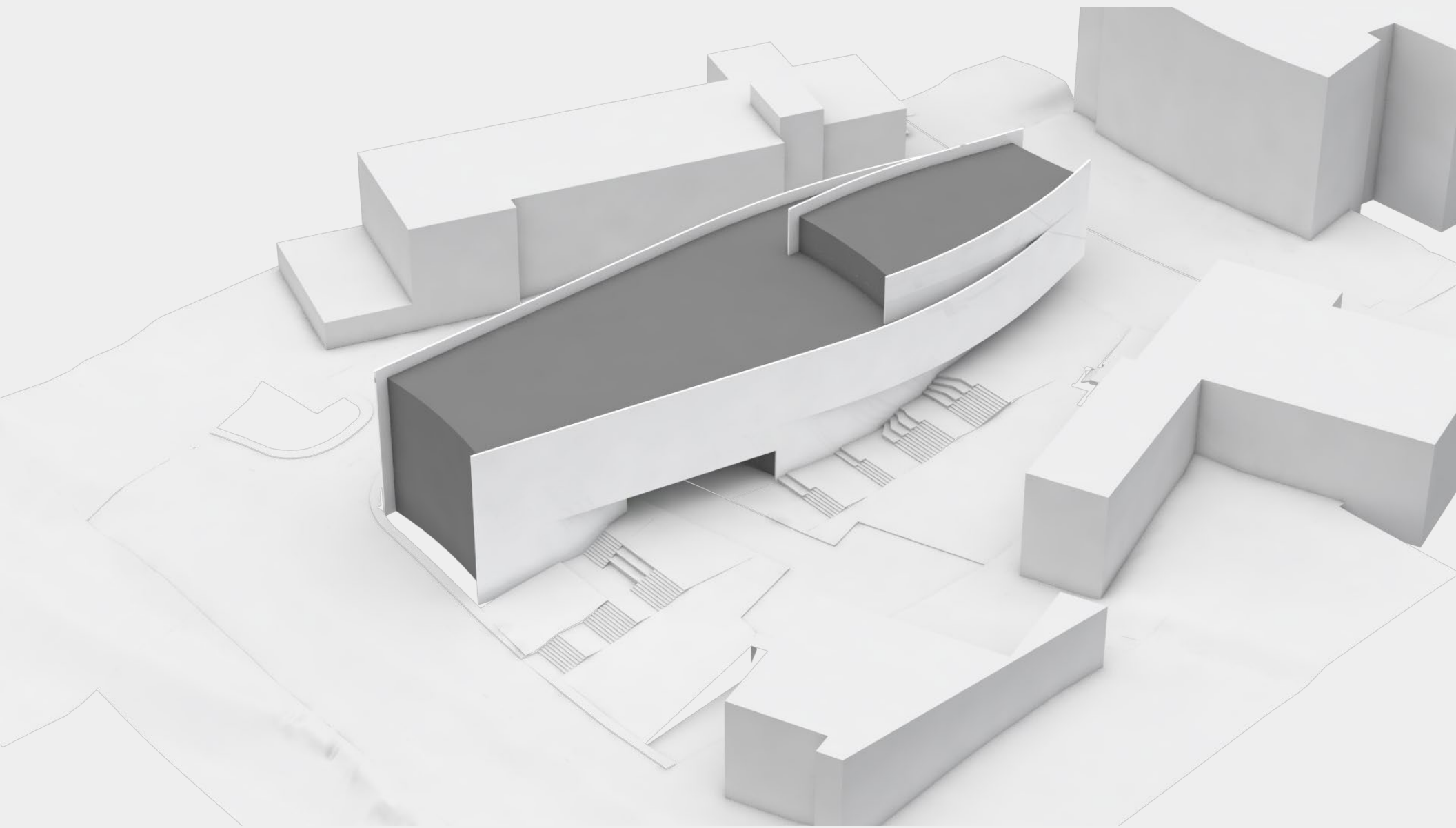




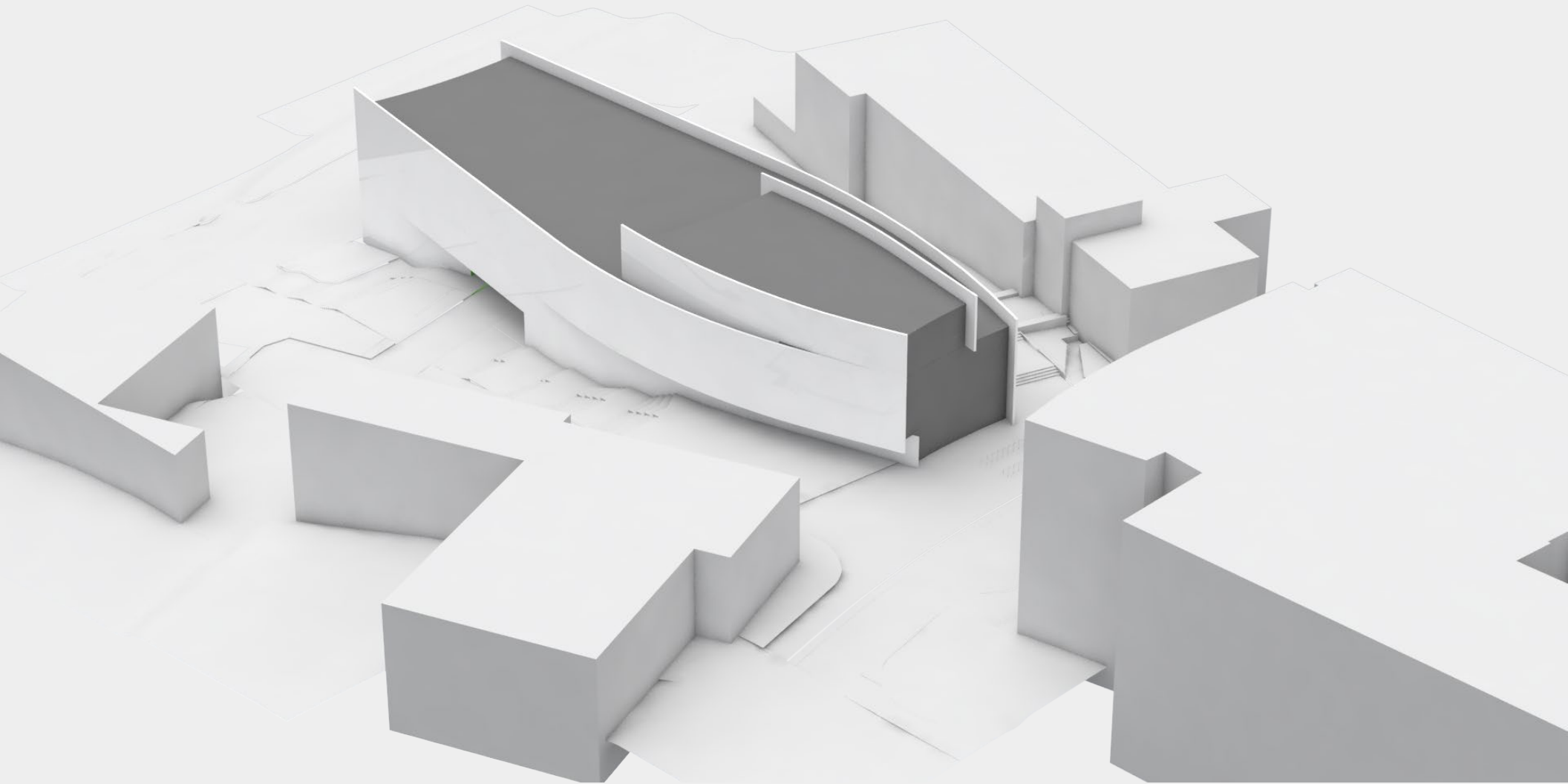














# Allen Center

# Stevens Way

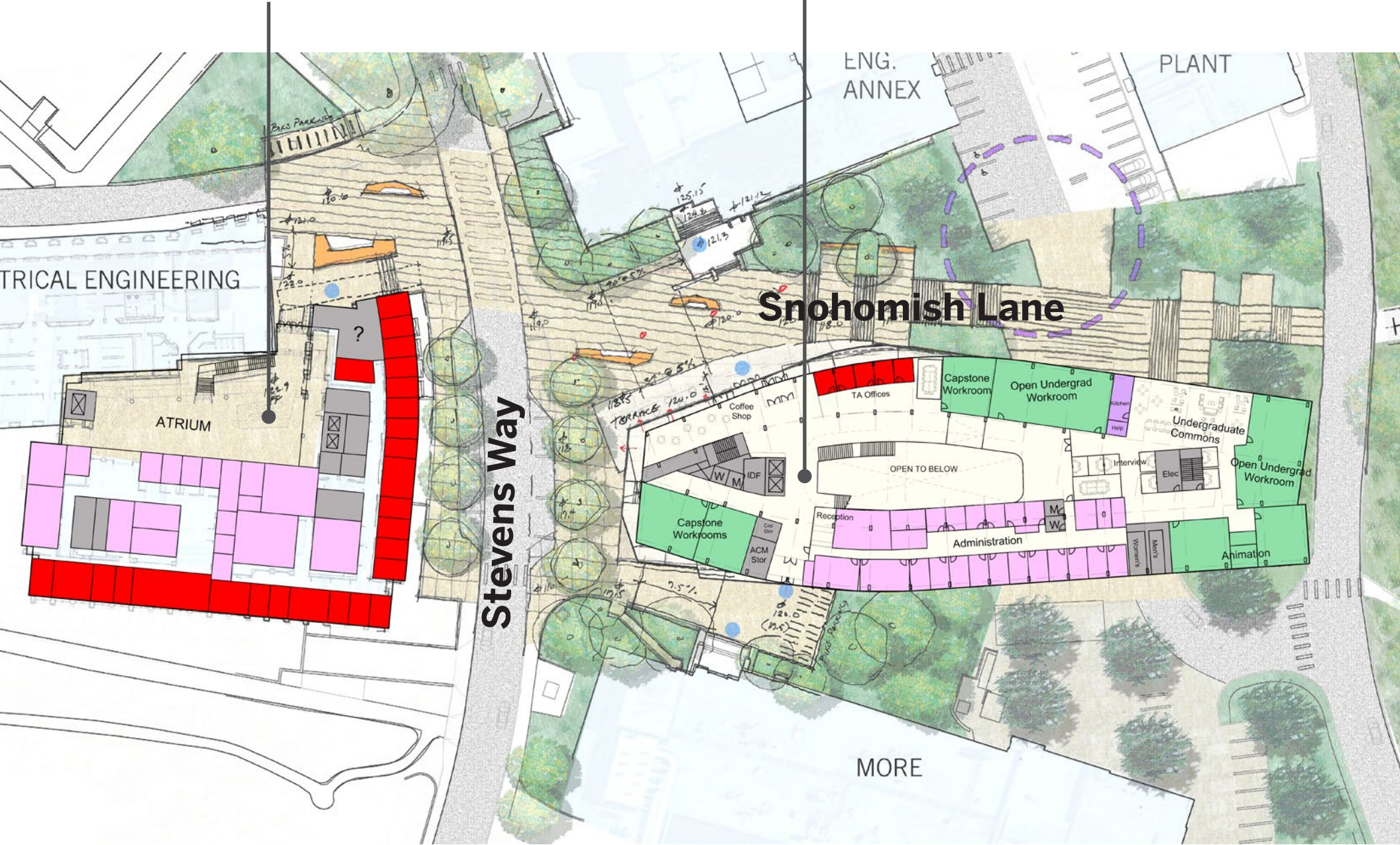
# CSE 2





# Allen Center

# CSE 2



TRICAL ENGINEERING

ATRIUM

Stevens Way

Snohomish Lane

ENG. ANNEX

PLANT

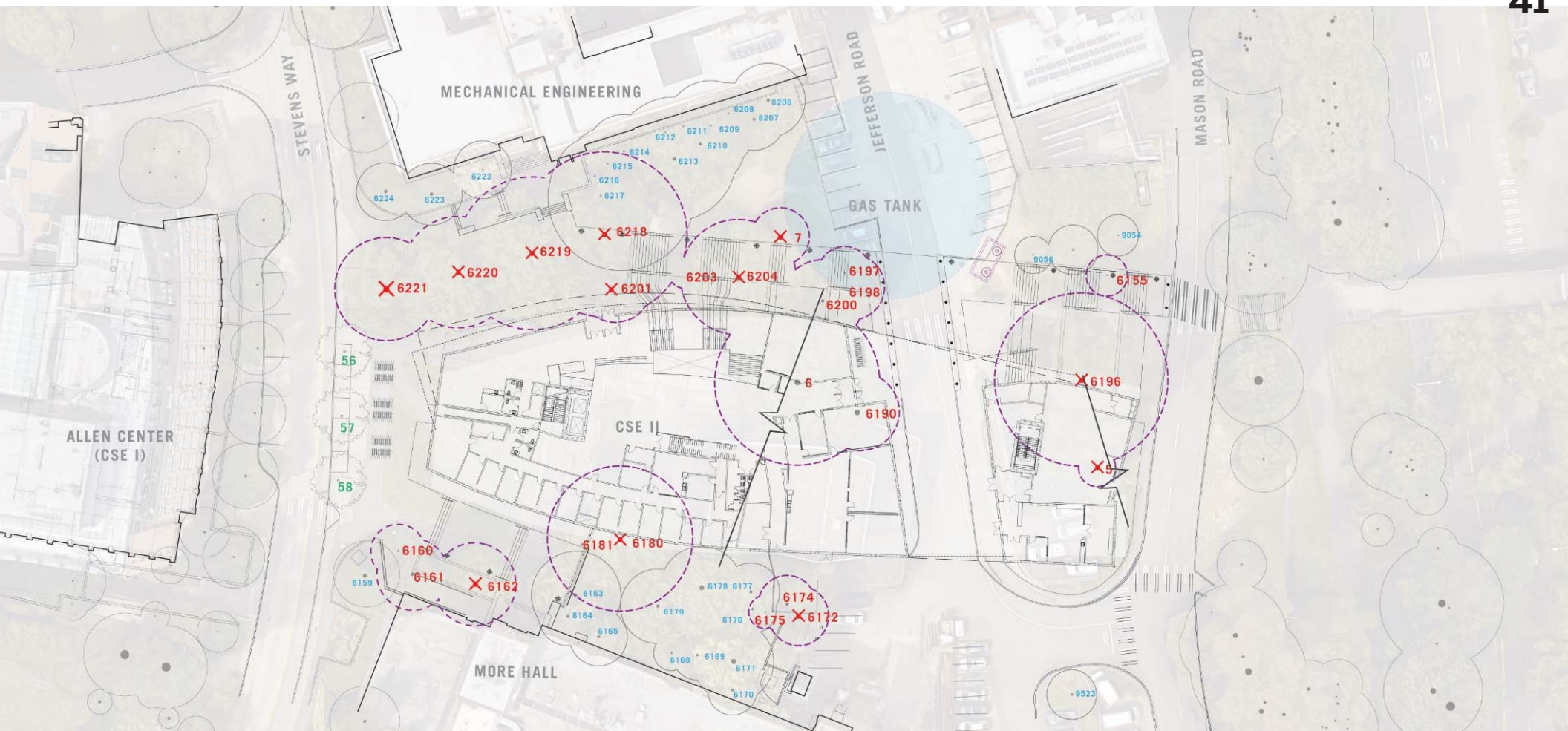
TA Offices  
 Capstone Workroom  
 Open Undergrad Workroom  
 Undergraduate Commons  
 Interview  
 Elec  
 Open Undergrad Workroom  
 Reception  
 Administration  
 Animation  
 Capstone Workrooms  
 Coffee Shop  
 W M  
 IDF  
 ACM Stor  
 Cap Stor  
 M  
 W  
 Women's  
 Men's

MORE



# Site and Landscape Design





<b>TREE ID</b>	6221	6218	6201	6203	6204	7	6197	6198	6200	6	6190	9055	6196	5	6181	6180	6163	6175	6174	6172
<b>SCIENTIFIC NAME</b>	<i>Quercus palustris</i>	<i>Quercus palustris</i>	<i>Chamaecyparis lawsoniana</i>	Shrub	<i>Quercus palustris</i>	<i>Arbutus unedo</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Quercus palustris</i>	<i>Quercus palustris</i>	Shrub	<i>Crataegus sp.</i>	<i>Ulmus procera</i>	<i>Arbutus menziesii</i>	<i>Acer palmatum</i>	<i>Quercus palustris</i>	<i>Acer palmatum</i>	<i>Betula pendula</i>	<i>Betula pendula</i>	<i>Betula pendula</i>
<b>COMMON NAME</b>	Pin oak	Pin oak	Lawson cypress		Pin oak	Strawberry tree	Japanese maple	Japanese maple	Pin oak	Pin oak		Flowering hawthorn	English Elm	Madrone	Japanese maple	Pin oak	Japanese maple	European birch	European birch	European birch
<b>DSH (INCHES)</b>	20.6	27.9	20.9		21.2	13.9	6.4	11	11.9	24		4.1	46.7	8.5	8.7	25.1	15.4	No	11	12.8
<b>EXCEPTIONAL TREES TO REMOVE</b>	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No	Yes	Yes	No	Yes	Yes	No	No	Yes
<b>TREE ID</b>	6220	6219	6224	6223	6222	6217	6216	6215	6214	6212	6211	6213	6210	6209	6208	6207	6206	9056	NO TAG	9054
<b>SCIENTIFIC NAME</b>	<i>Quercus palustris</i>	<i>Quercus palustris</i>	<i>Prunus serrulata</i>	<i>Prunus serrulata</i>	<i>Cornus kousa</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Cedrus deodora</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Acer palmatum</i>	<i>Crataegus sp.</i>	No tag	<i>Crataegus sp.</i>
<b>COMMON NAME</b>	Pin oak	Pin oak	Flowering cherry	Flowering cherry	Kousa dogwood	Japanese maple	Japanese maple	Japanese maple	Japanese maple	Japanese maple	Japanese maple	Deodar cedar	Japanese maple	Japanese maple	Japanese maple	Japanese maple	Japanese maple	Flowering hawthorn		Flowering hawthorn
<b>DSH (INCHES)</b>	22.3	23.4	12.2	10	9	12.4	10.7	8.5	13.3	5.4	7.6	34.5	14.8	10.8	9.3	9.5	16.1	3.8		4.5
<b>EXCEPTIONAL TREES TO REMOVE</b>	Yes	Yes	No	No	No	Yes	No	No	Yes	No	No	Yes	Yes	Yes	No	No	Yes	No		No
<b>TREE ID</b>	6159	6160	6161	6162	6164	6165	6179	6178	6177	6176	6168	6169	6171	6170	9523	57	58	59		
<b>SCIENTIFIC NAME</b>	<i>Prunus serrulata</i>	<i>Prunus serrulata</i>	<i>Chamaecyparis lawsoniana</i>	<i>Acer palmatum</i>	<i>Chamaecyparis lawsoniana</i>	<i>Chamaecyparis lawsoniana</i>	<i>Quercus palustris</i>	<i>Quercus palustris</i>	<i>Betula pendula</i>	<i>Betula pendula</i>	<i>Chamaecyparis lawsoniana</i>	<i>Betula pendula</i>	<i>Quercus palustris</i>	<i>Chamaecyparis lawsoniana</i>	<i>Cedrus deodora</i>	Proposed tree	Proposed tree	Proposed tree		
<b>COMMON NAME</b>	Flowering cherry	Flowering cherry	Lawson cypress	Japanese maple	Lawson cypress	Lawson cypress	Pin oak	Pin oak	European birch	European birch	Lawson cypress	European birch	Pin oak	Deodar cedar						
<b>DSH (INCHES)</b>	14	10	28.9	15.1	17.6	14.2	14.8	20.2	12.7	No	13.3	10.7	22.5	No						
<b>EXCEPTIONAL TREES TO REMOVE</b>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No						

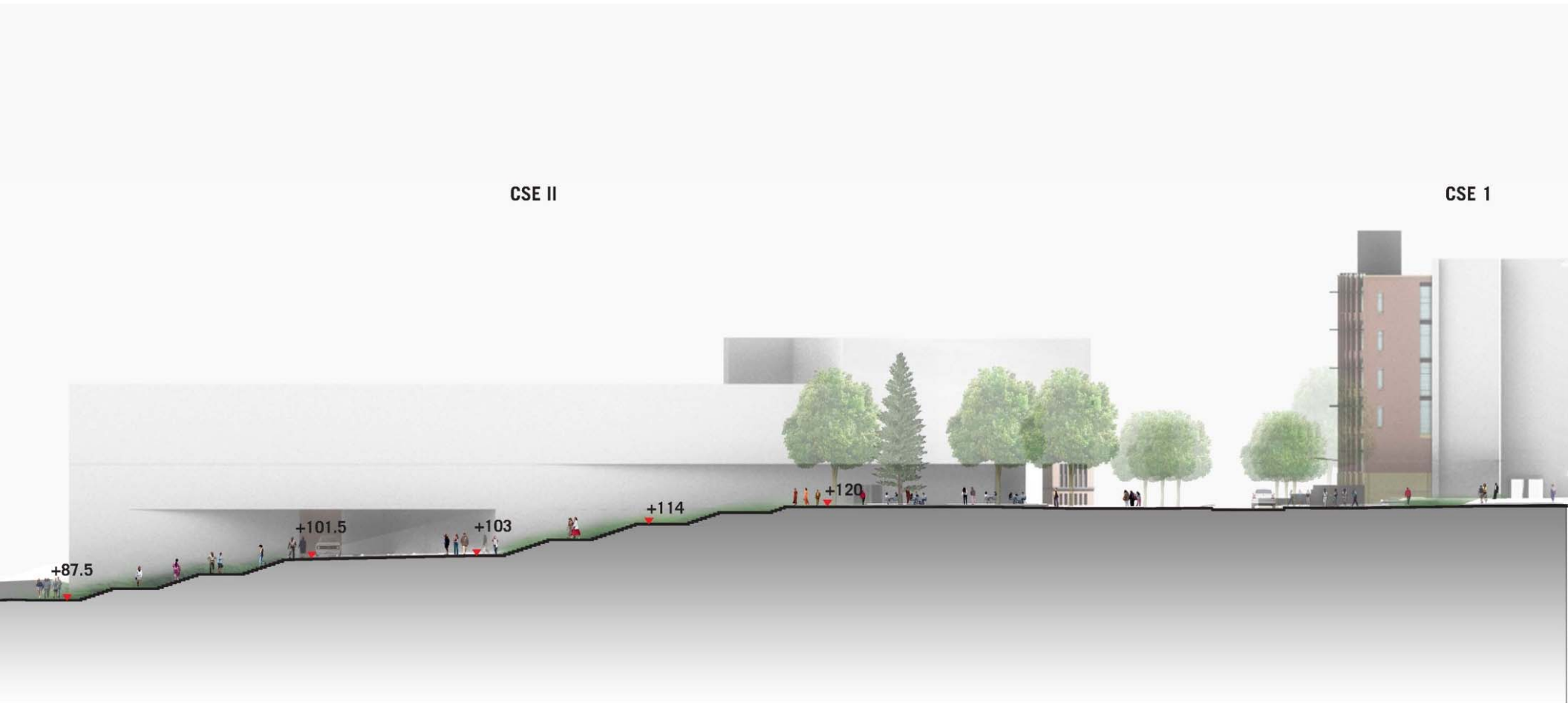
XX	TREE TO BE REMOVED
XX	TREE TO REMAIN
XX	PROPOSED TREES



# TREE REMOVAL PLAN

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





SNOHOMISH TO LANDSCAPE BRIDGE

# SITE SECTION

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





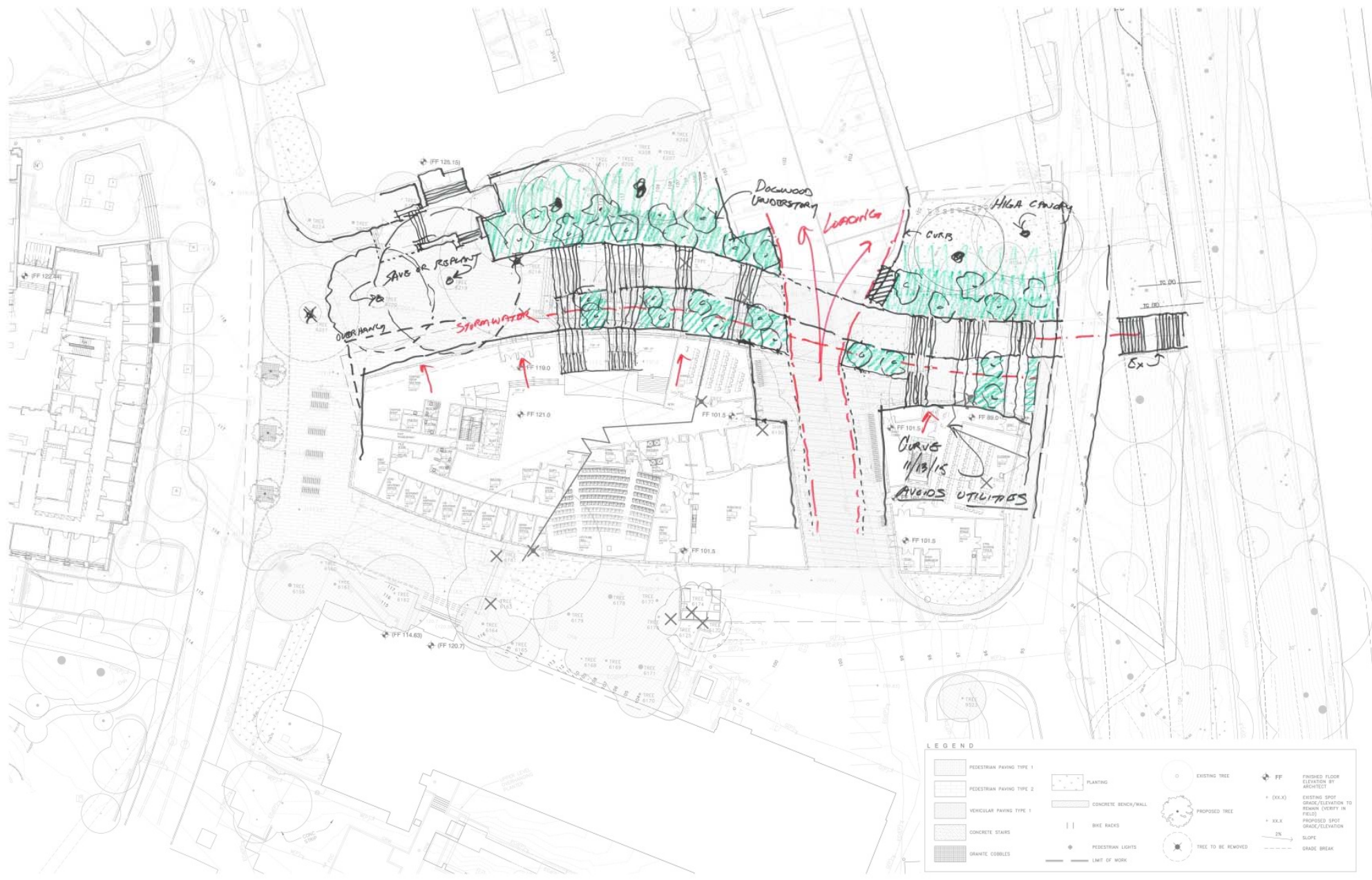


# SITE PLAN I STRAIGHT STAIR

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II







LANDSCAPE LAYOUT AND MATERIAL PLAN

# SITE RESPONSIVE STAIR

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II







# MORE HALL PROPOSED

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





## MORE HALL ENTRY

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





## MORE HALL ENTRY

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





# MORE HALL

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II







# STEVENS WAY

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





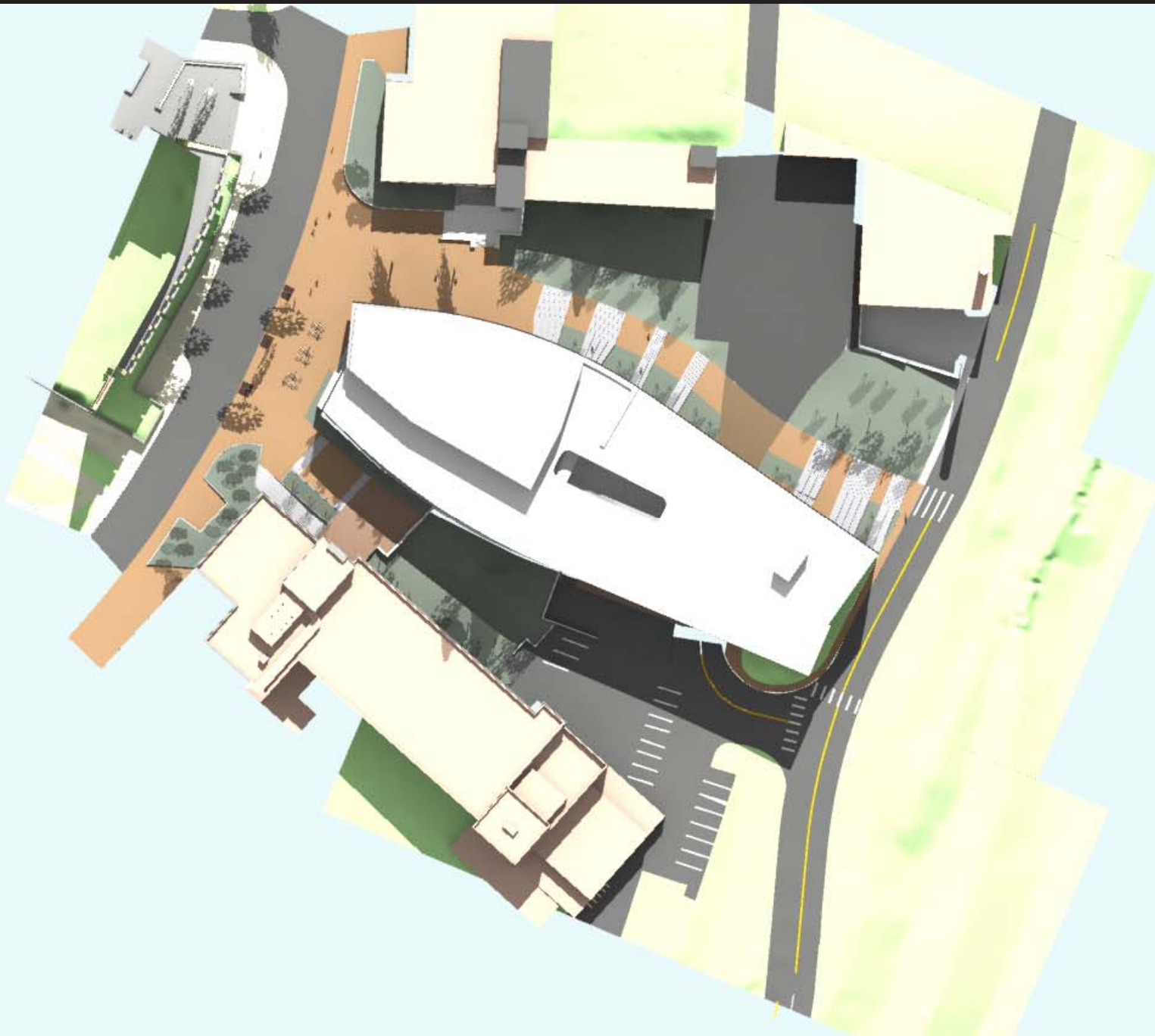


# STEVENS WAY

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II







## SITE PLAN I CURVED STAIR

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II







# STEVENS WAY PLAZA CONCEPT

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II

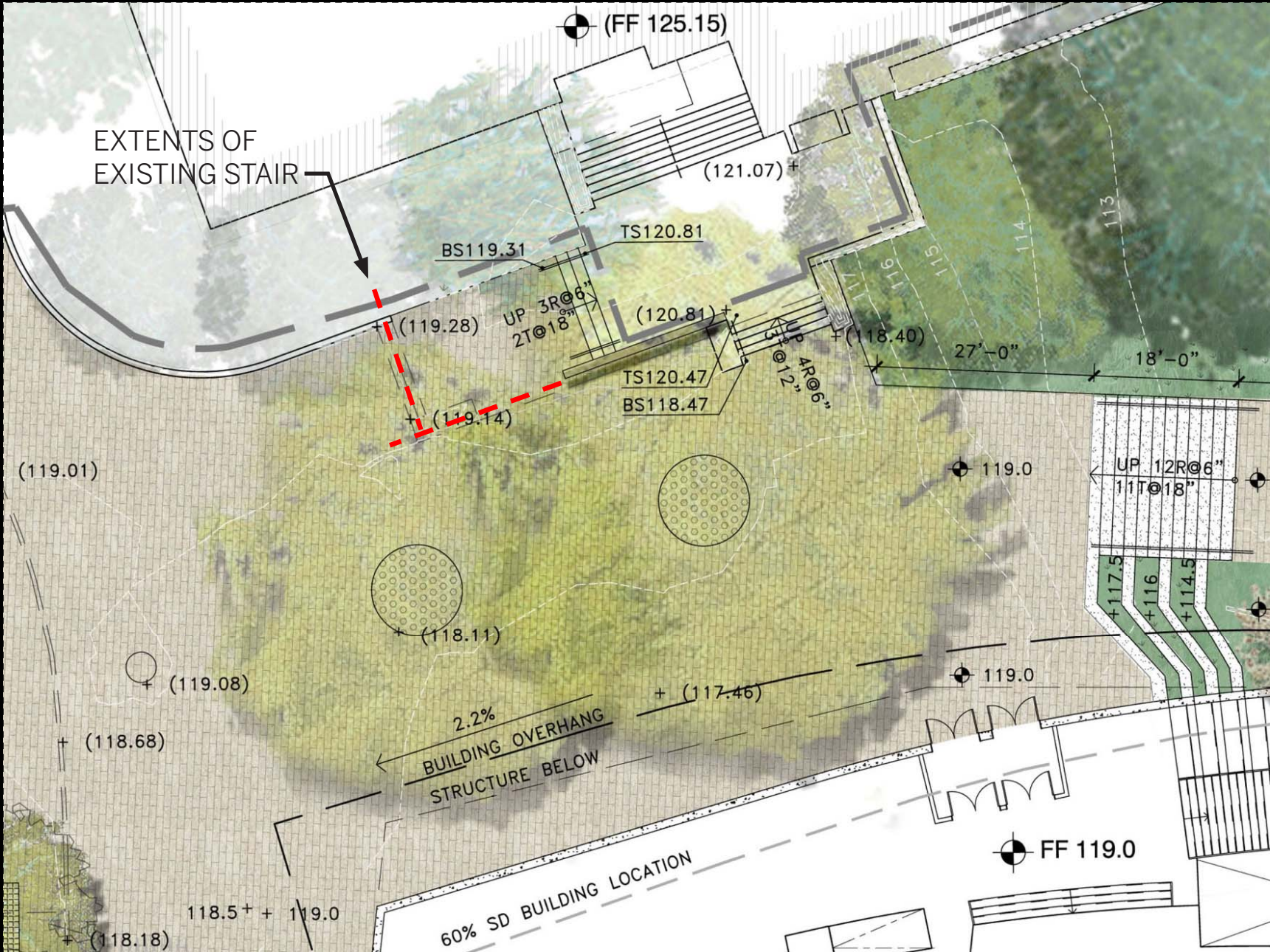




## MECHANICAL ENGINEERING ENTRY

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





# MECHANICAL ENGINEERING ENTRY - PROPOSED

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II







# ENTRY APPROACH

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II



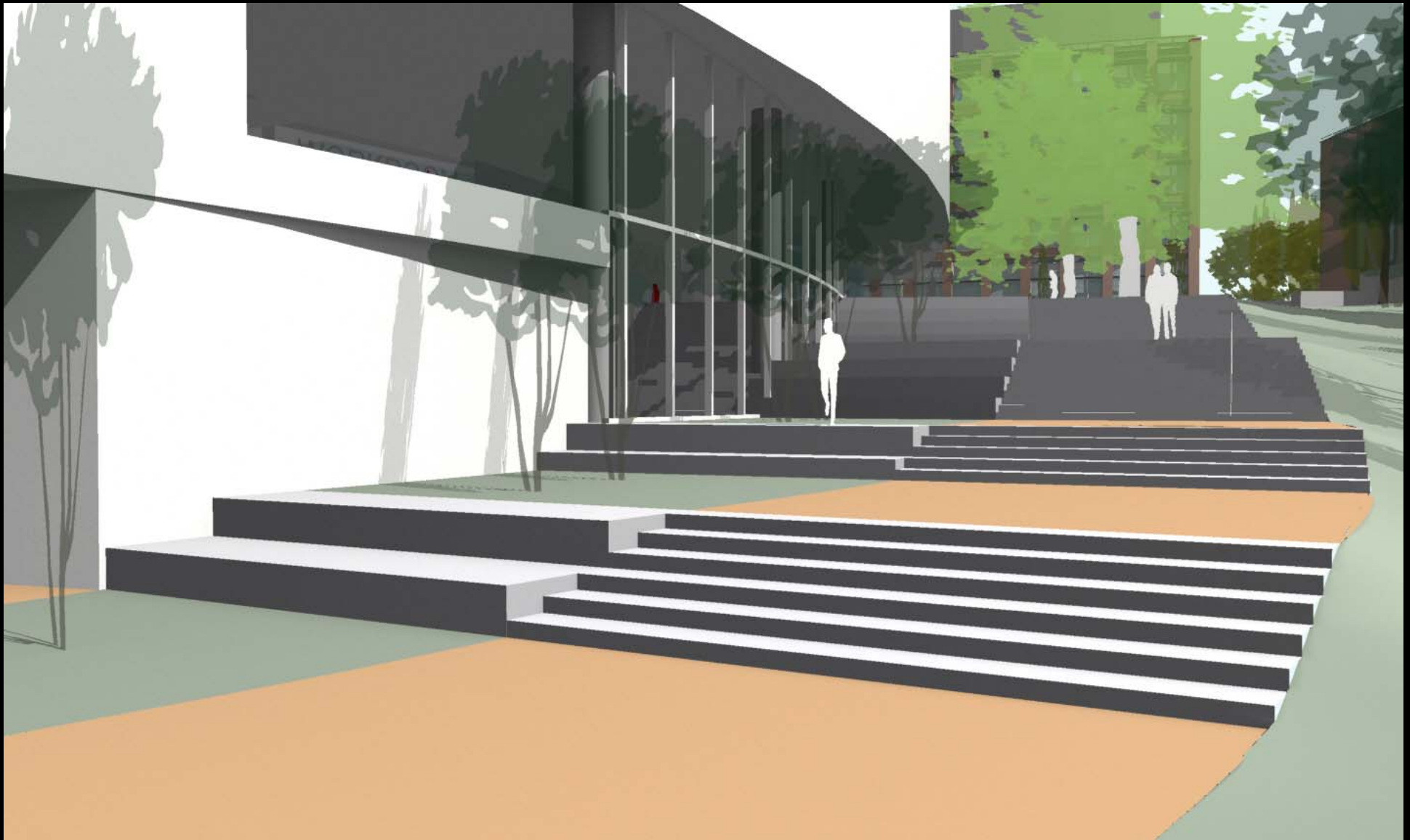




## HORTICULTURAL CONCEPT/Maples and Dogwoods

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





# CURVED SCHEME

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## CURVED SCHEME

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





# Building Design





LEVEL 1



GROUND LEVEL





# INTEGRATION CONCEPT

UNIVERSITY OF WASHINGTON COMPUTER SCIENCE AND ENGINEERING II





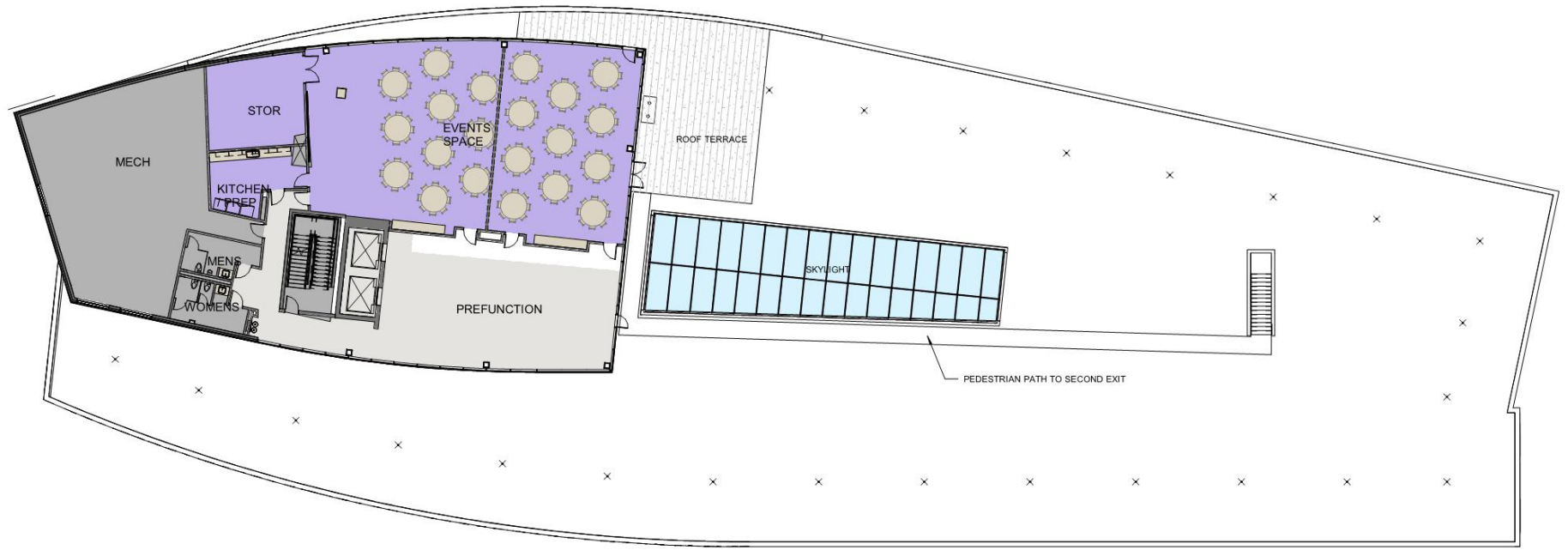


LEVEL 3



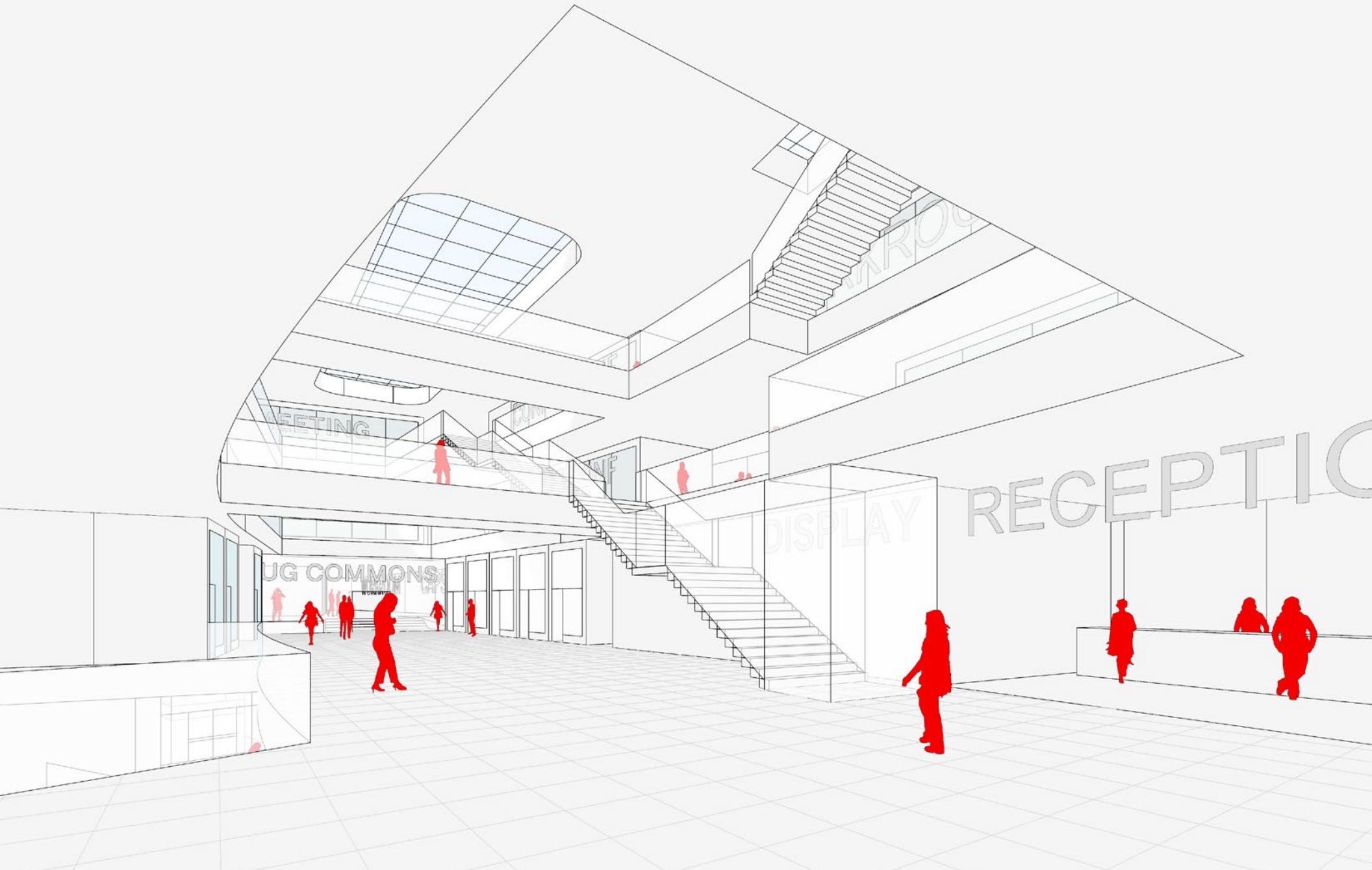
LEVEL 2





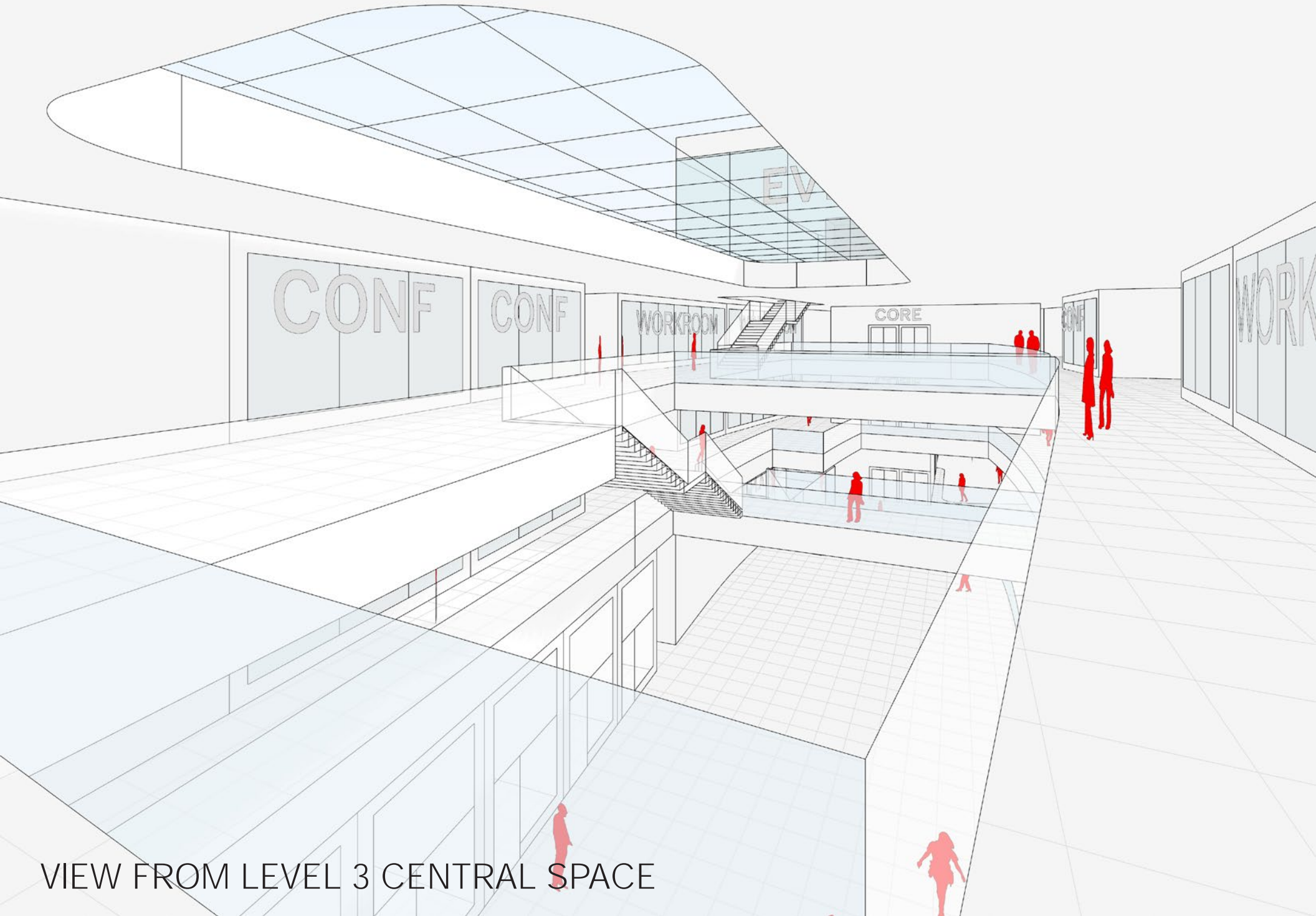
LEVEL 4





VIEW FROM LEVEL 1 MAIN ENTRY



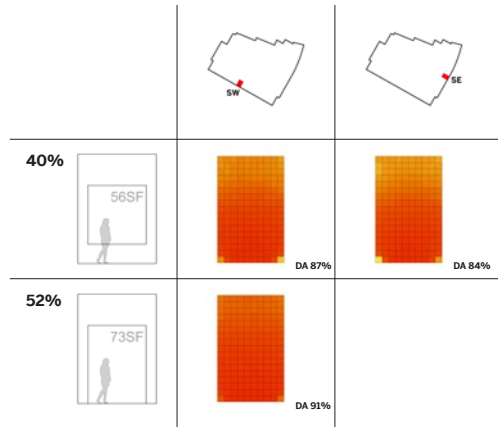


VIEW FROM LEVEL 3 CENTRAL SPACE

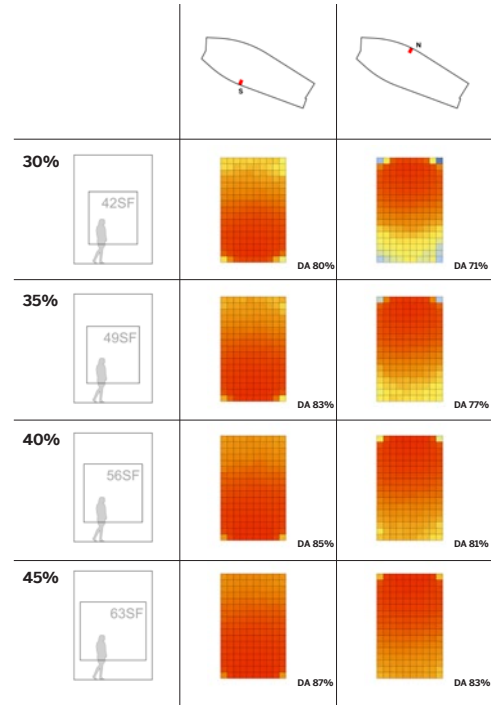


# Daylight Autonomy Study

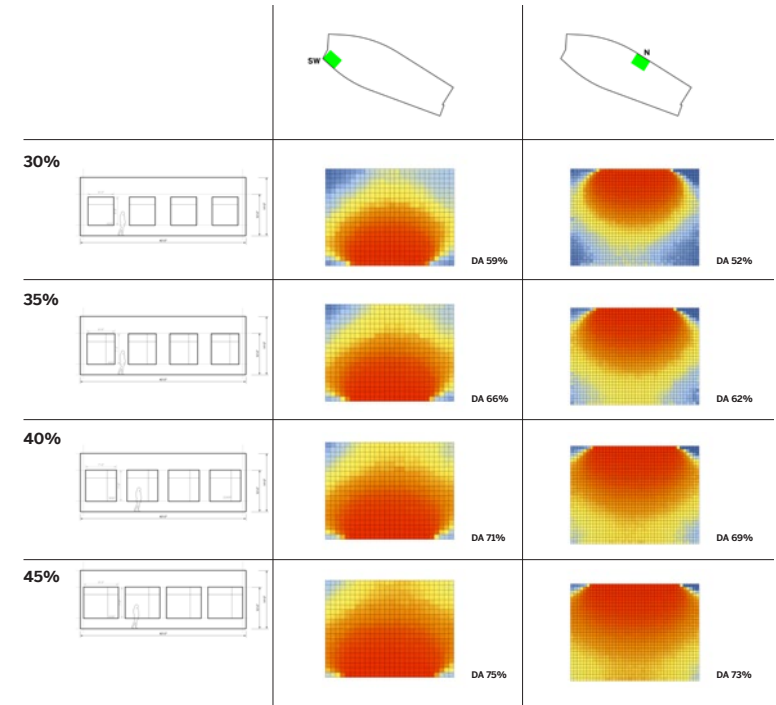
## Allen Center Perimeter Office



## CSE II Perimeter Office

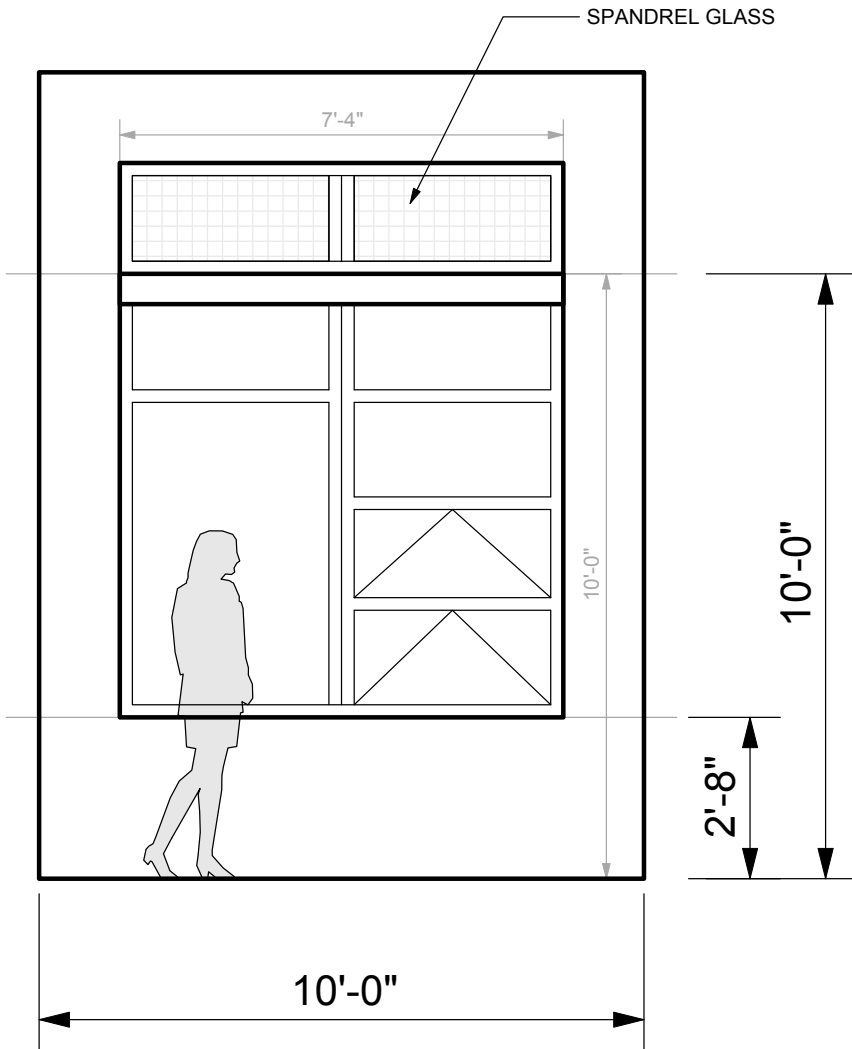


## Perimeter Workroom

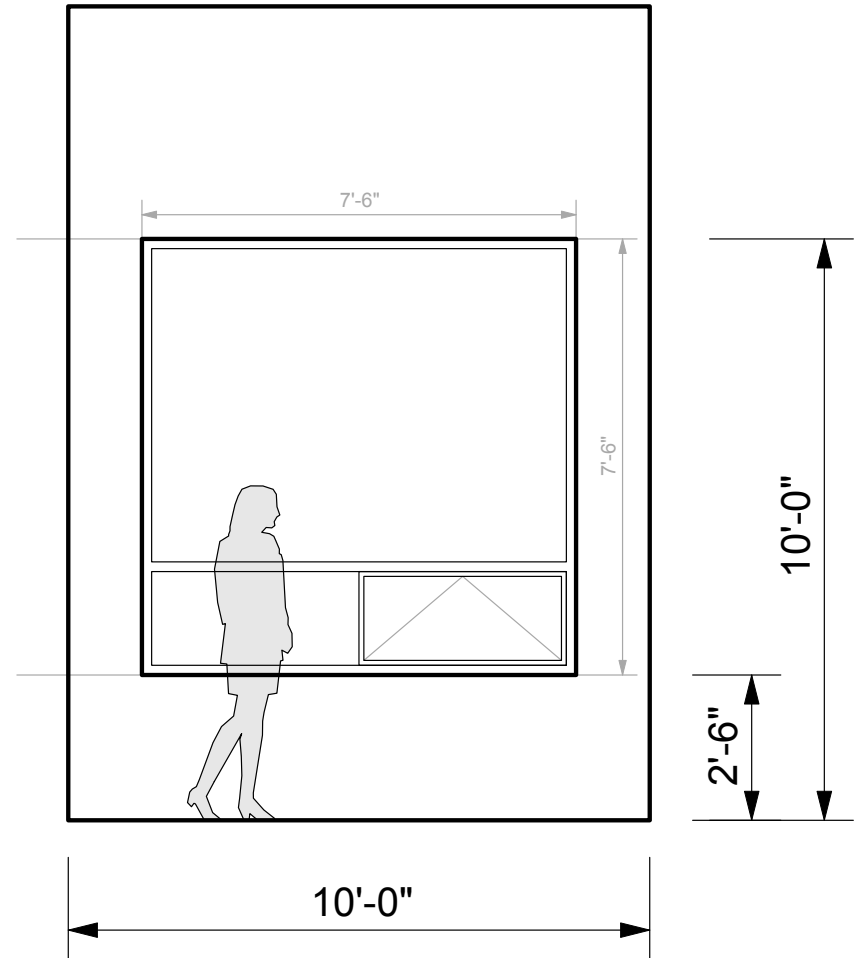


Daylight Autonomy (DA) is the percentage of the time-in-use that appropriate task lighting is reached without the use of electric lighting.





**ALLEN CENTER  
WINDOW MODULE**



**PROPOSED CSE II  
WINDOW MODULE**









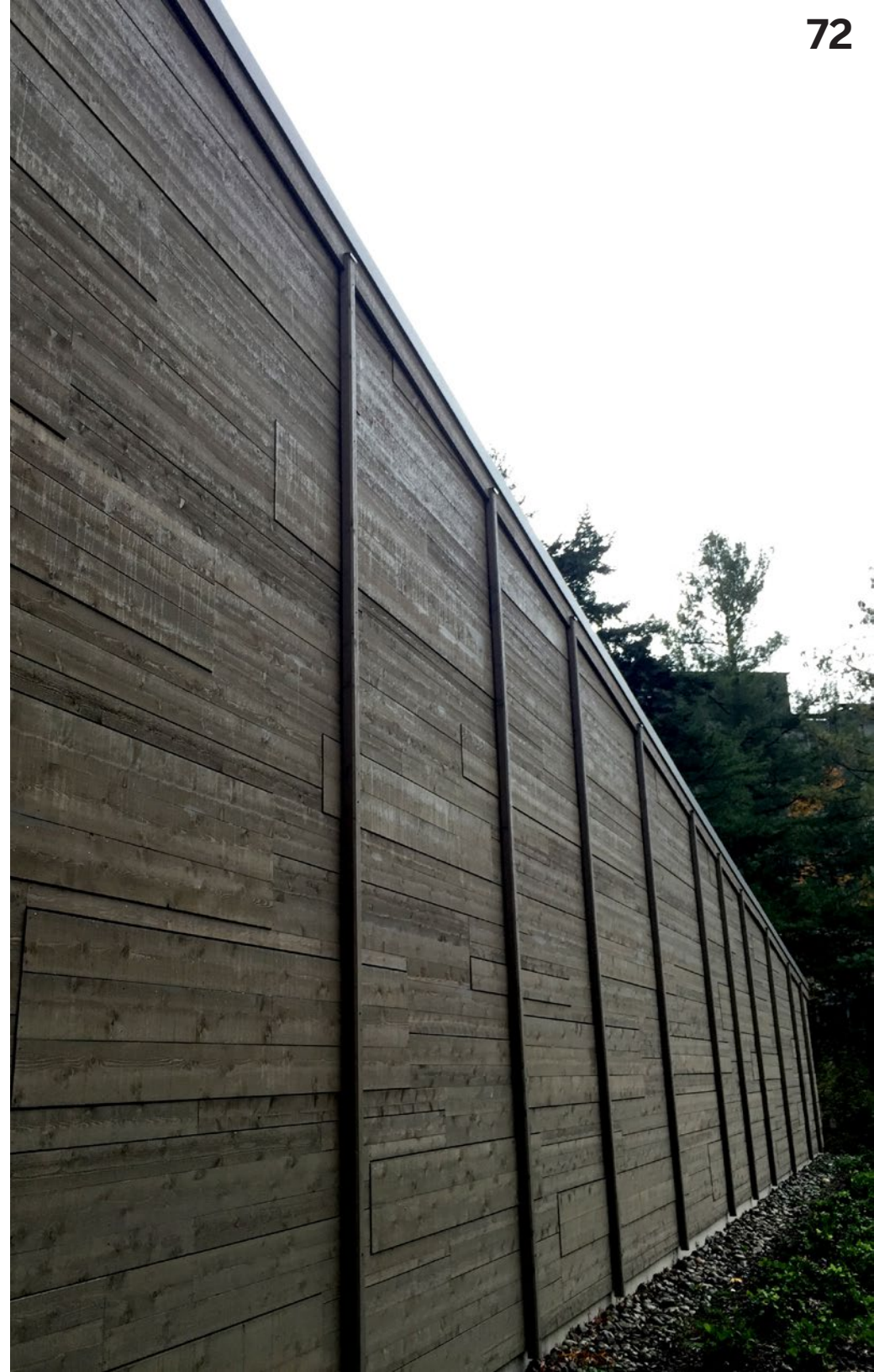








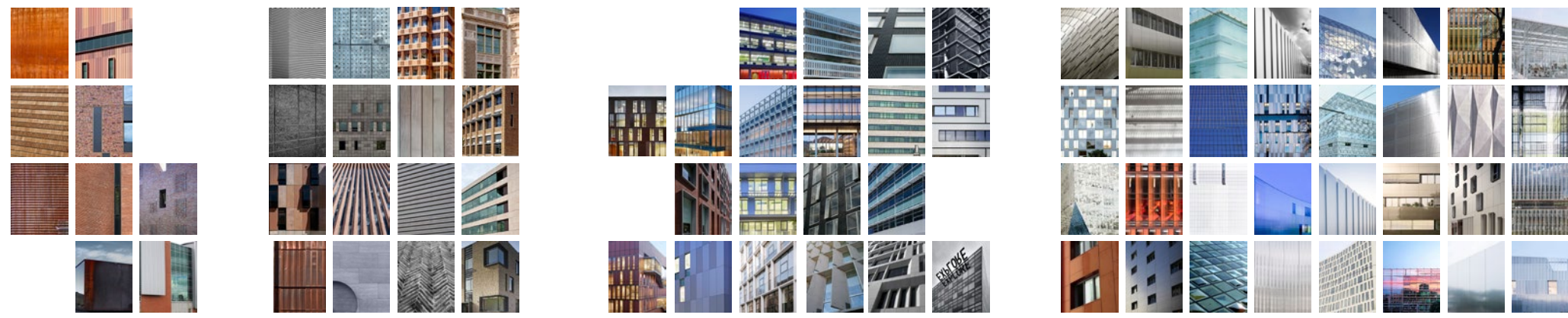










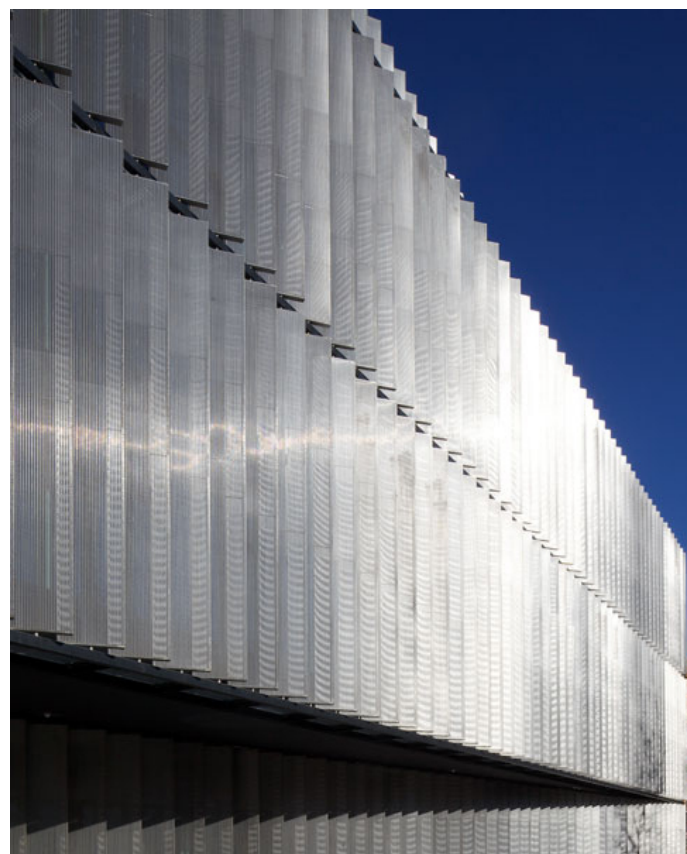


Massive

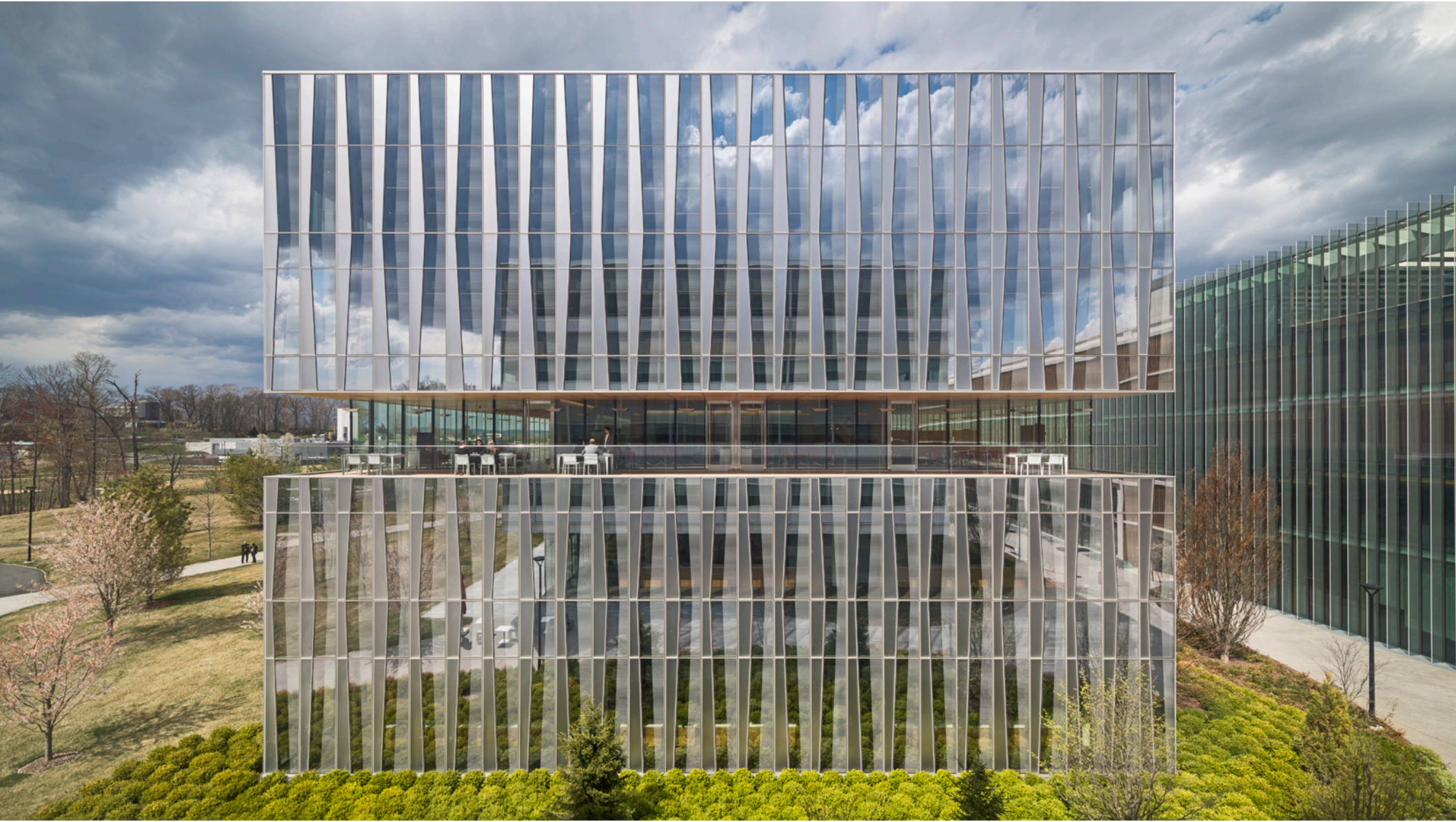


Light











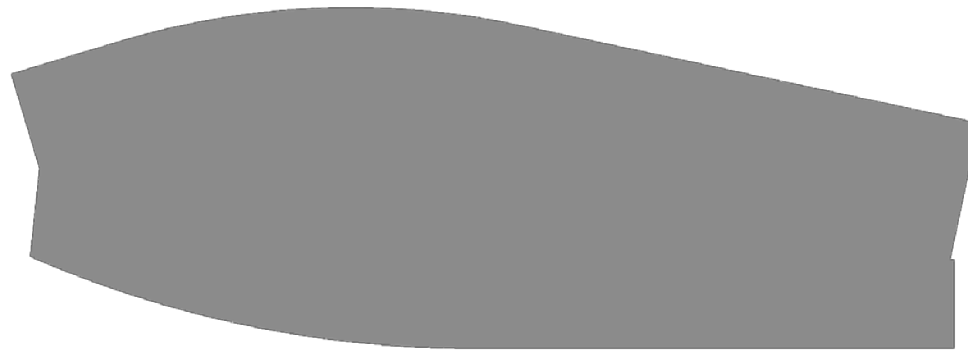
Vertical  
Dense  
Anchored

Horizontal **77**  
Striated  
Hovering





Vertical  
Dense  
Anchored



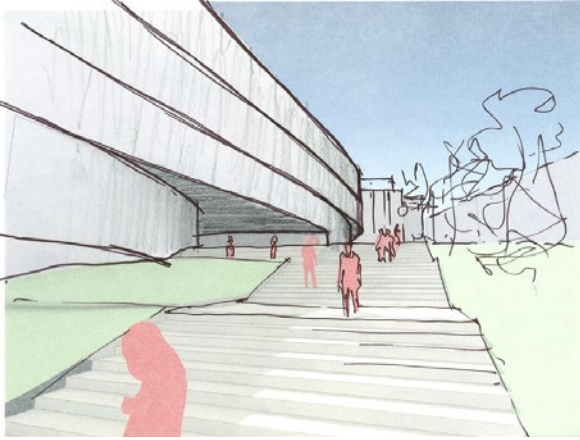
Slender Form

west



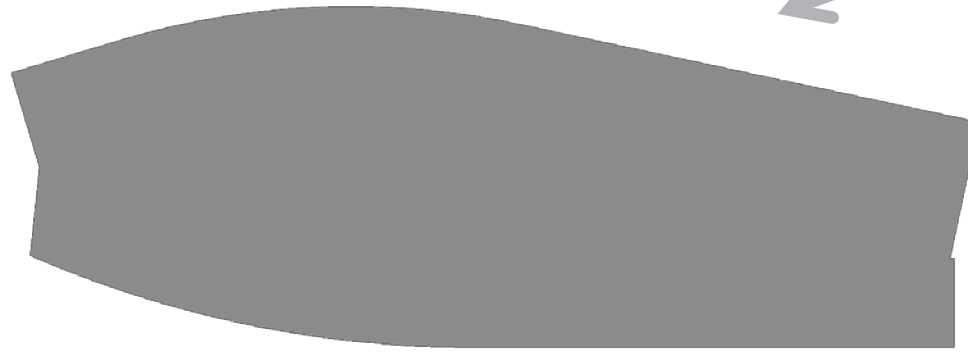
east





Peeled Form

Horizontal  
Striated  
Hovering



west



east











# Inset



# Shingled



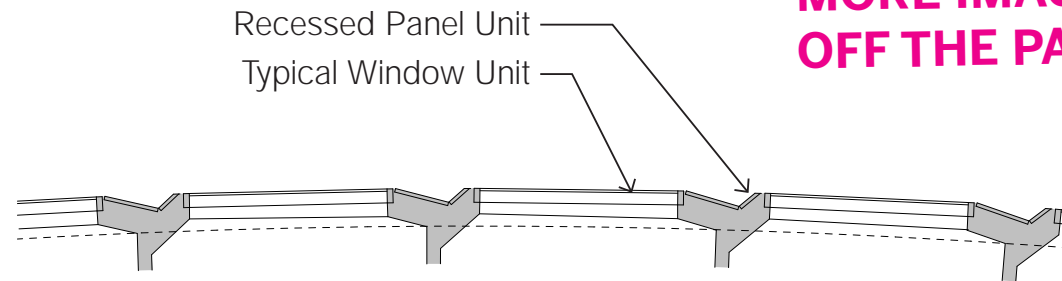


# Inset





# Inset



Wall Assembly Plan View

**MORE IMAGE CHOICES  
OFF THE PAGE**





Inset





Inset



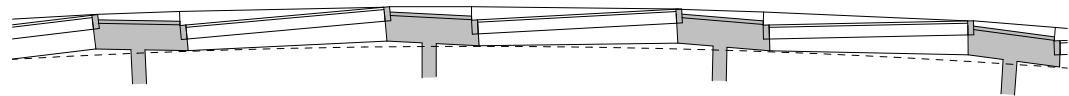
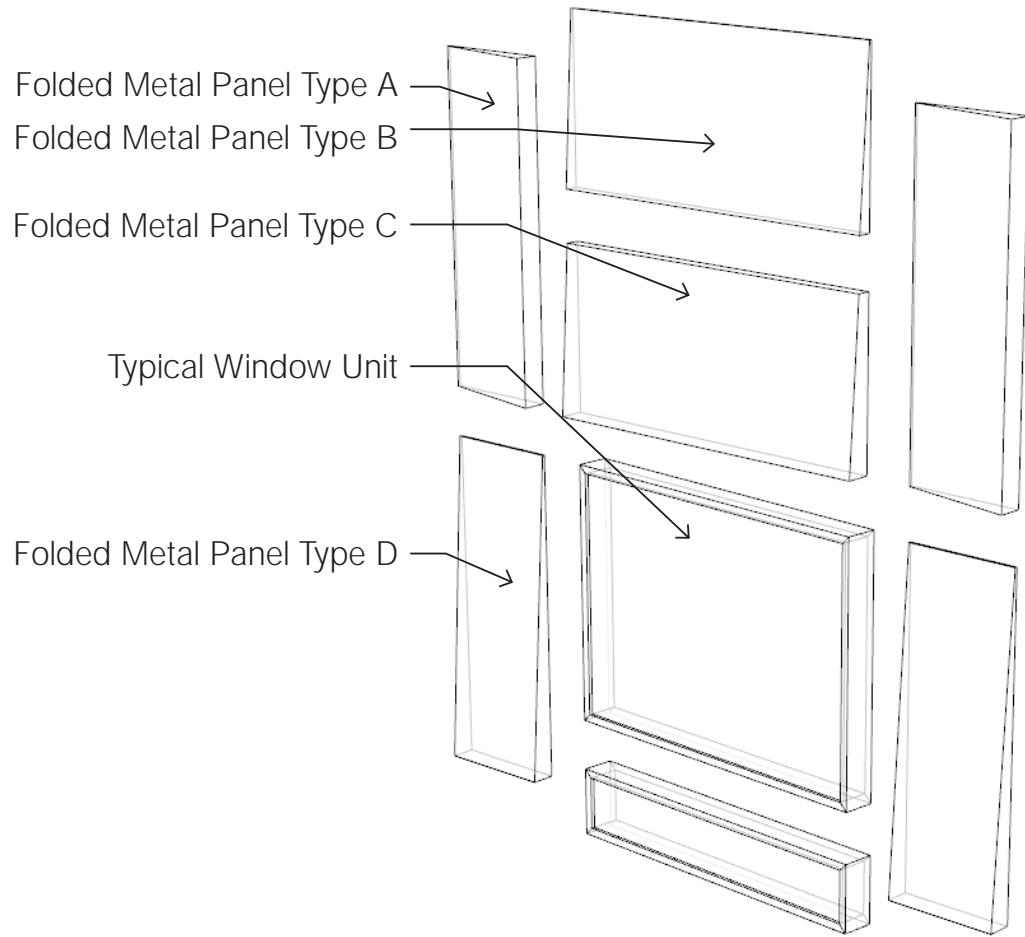
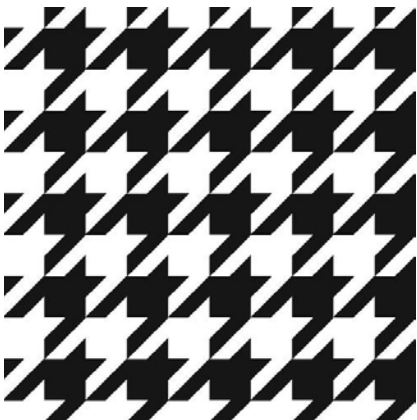


# Shingled





# Shingled



Wall Assembly Plan View



# Shingled





# Shingled





# Building Ends

