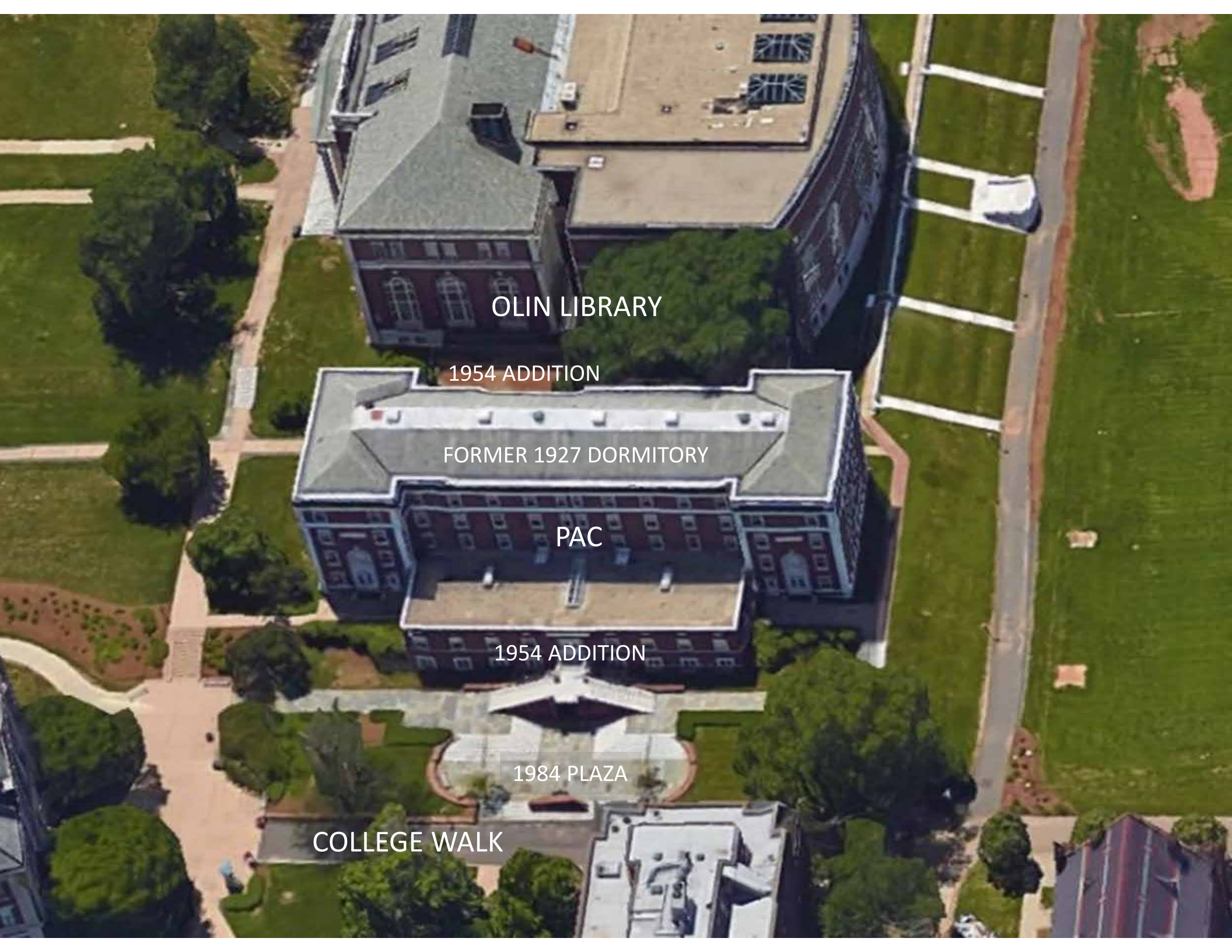


Wesleyan Art Gallery and PAC

A New Network of Interdisciplinary Spaces at the Heart of Campus

President's Council

April 16, 2021



OLIN LIBRARY

1954 ADDITION

FORMER 1927 DORMITORY

PAC

1954 ADDITION

1984 PLAZA

COLLEGE WALK

DAC Art
Collection

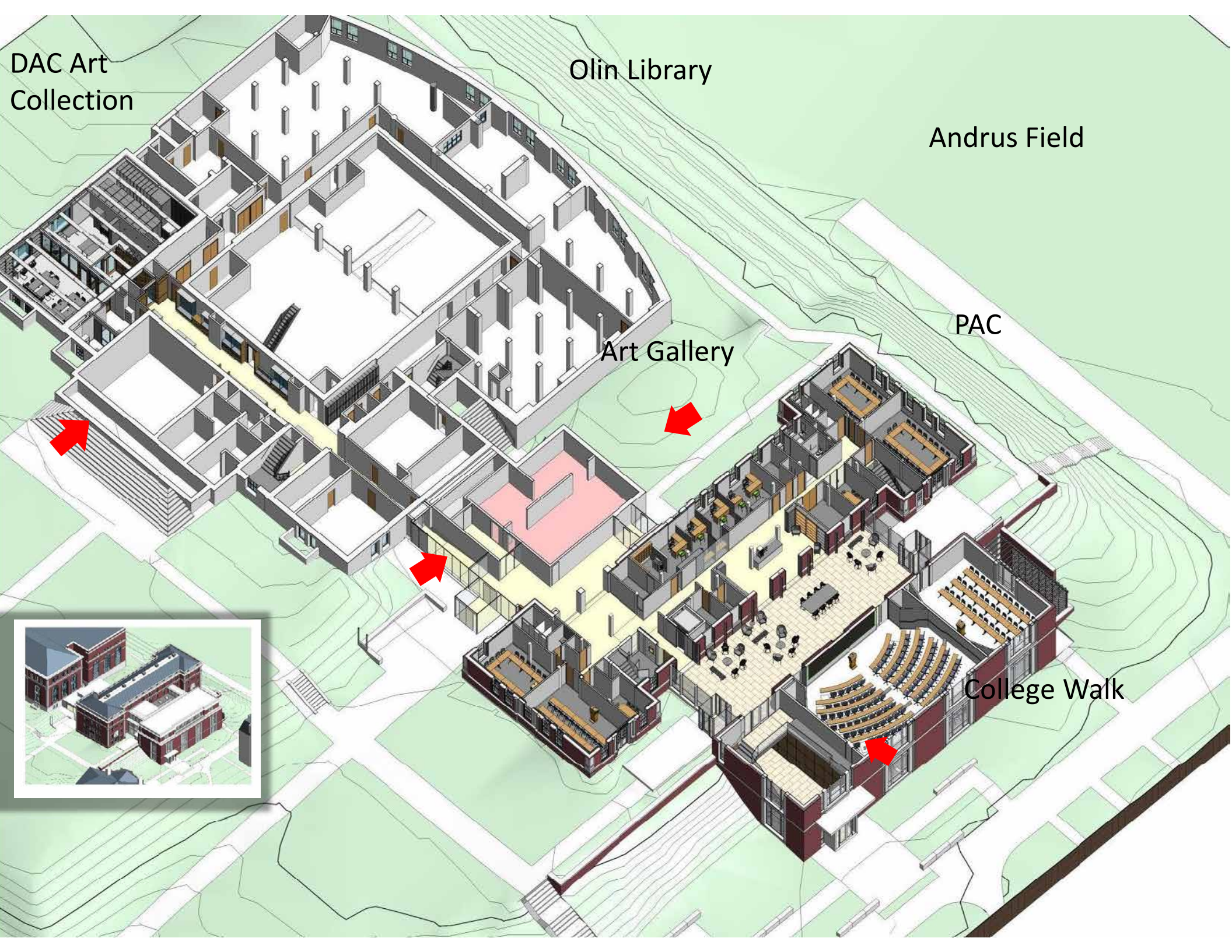
Olin Library

Andrus Field

PAC

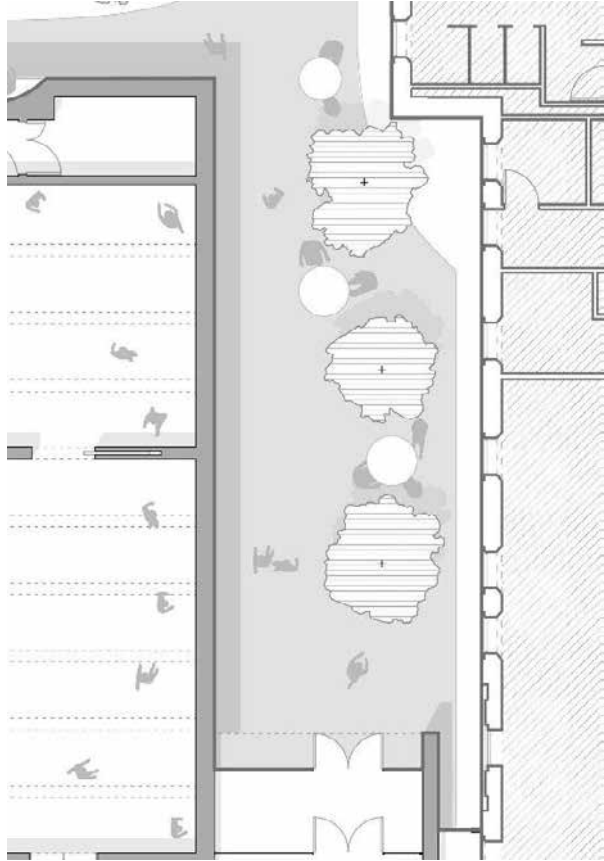
Art Gallery

College Walk

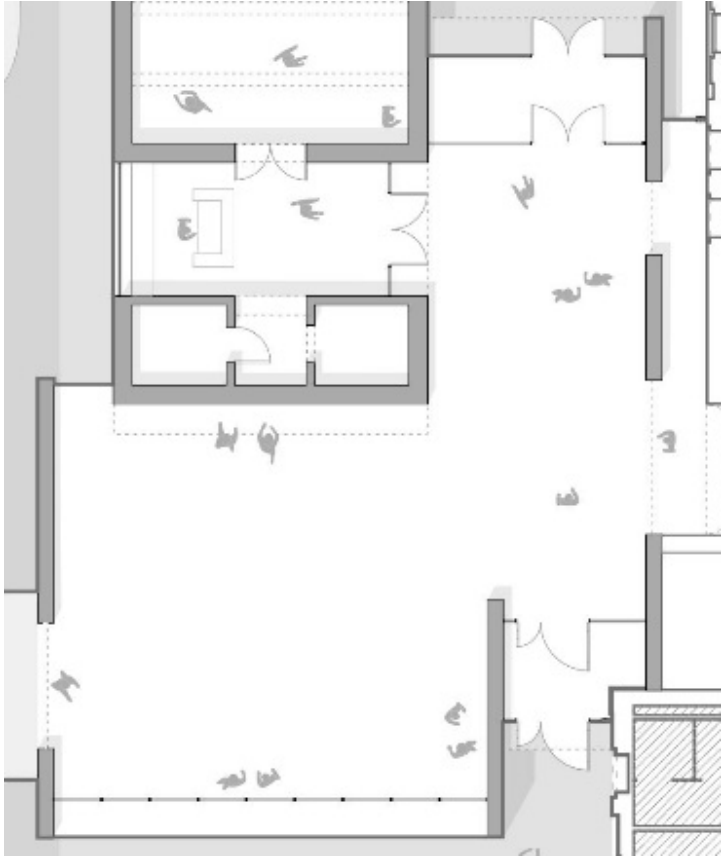


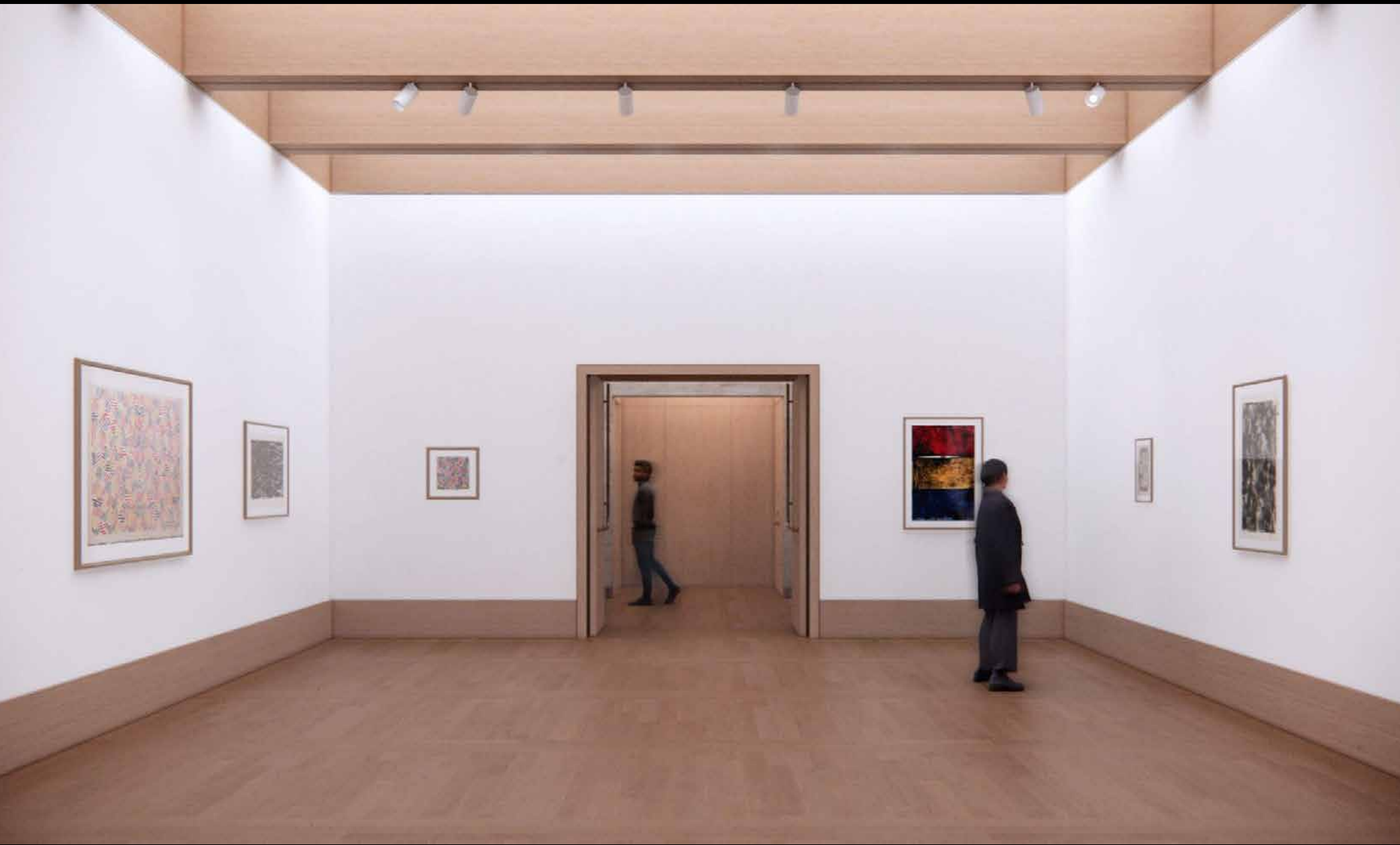


Teaching Courtyard



Gallery Lobby



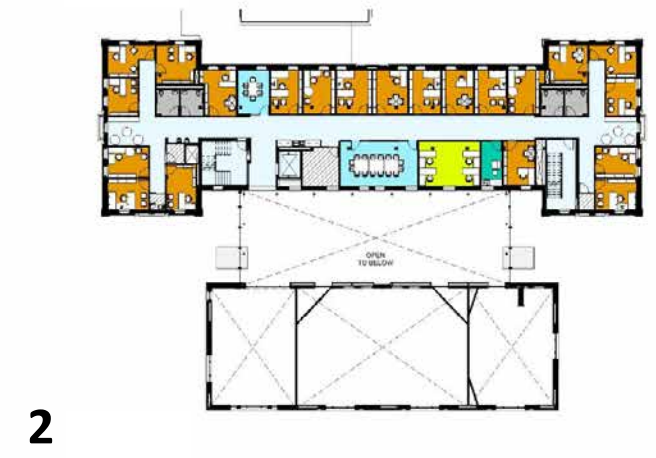
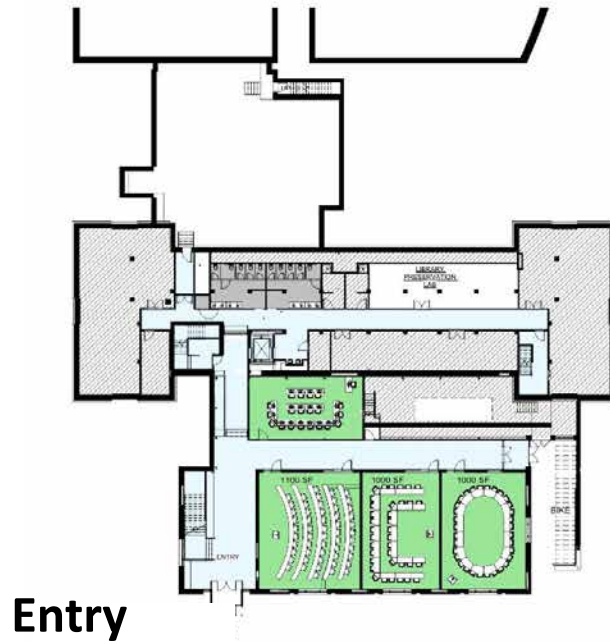


A Renewed Public Affairs Center

Interdisciplinary Program Distribution for Accessible Wayfinding

COLOR LEGEND

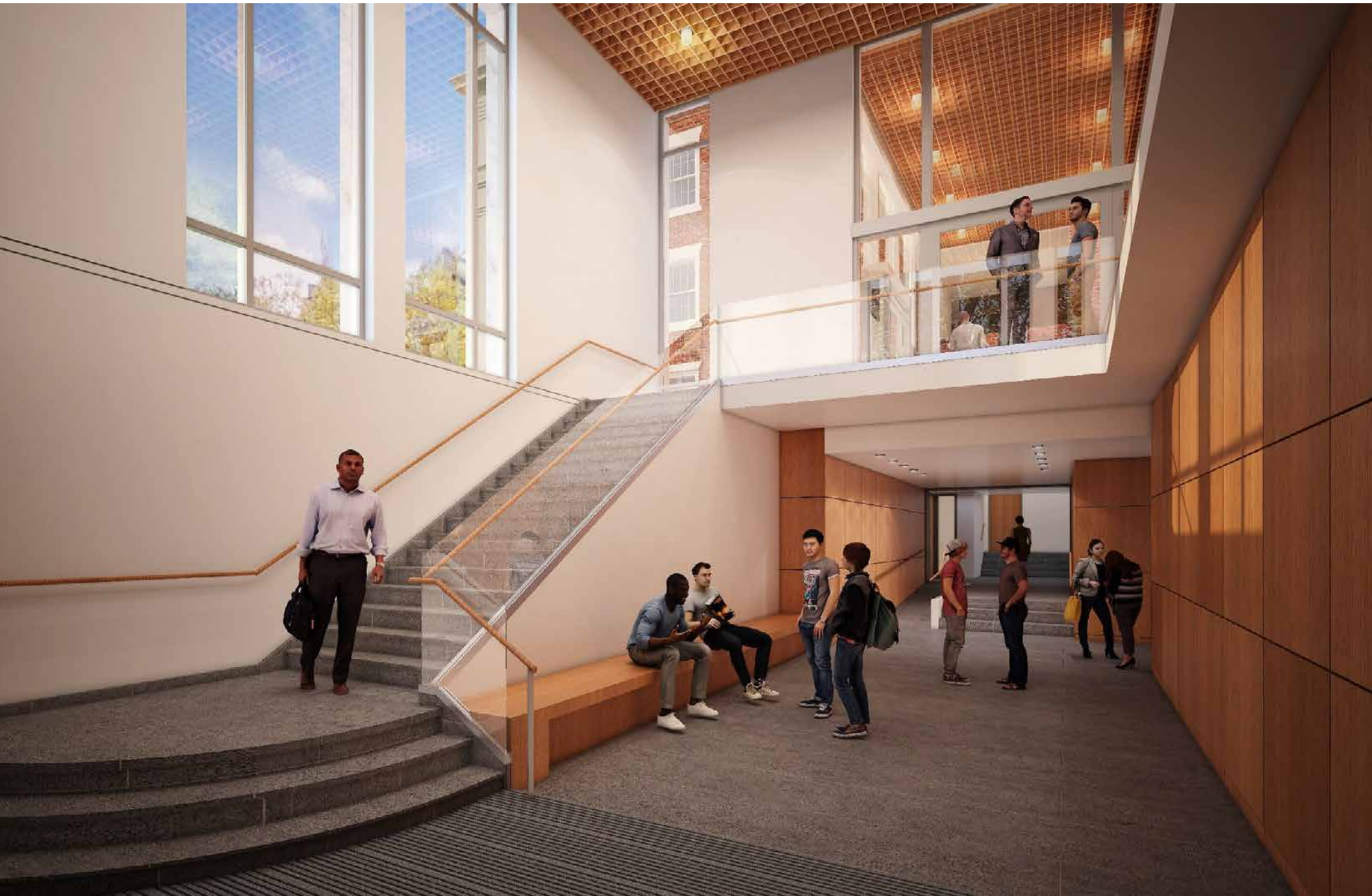
- CIRCULATION
- CLASSROOM
- CSS
- DEPARTMENT OFFICE
- GALLERY
- LOUNGE
- MEETING ROOM
- OFFICE
- OPEN OFFICE
- SERVICE
- TOILET

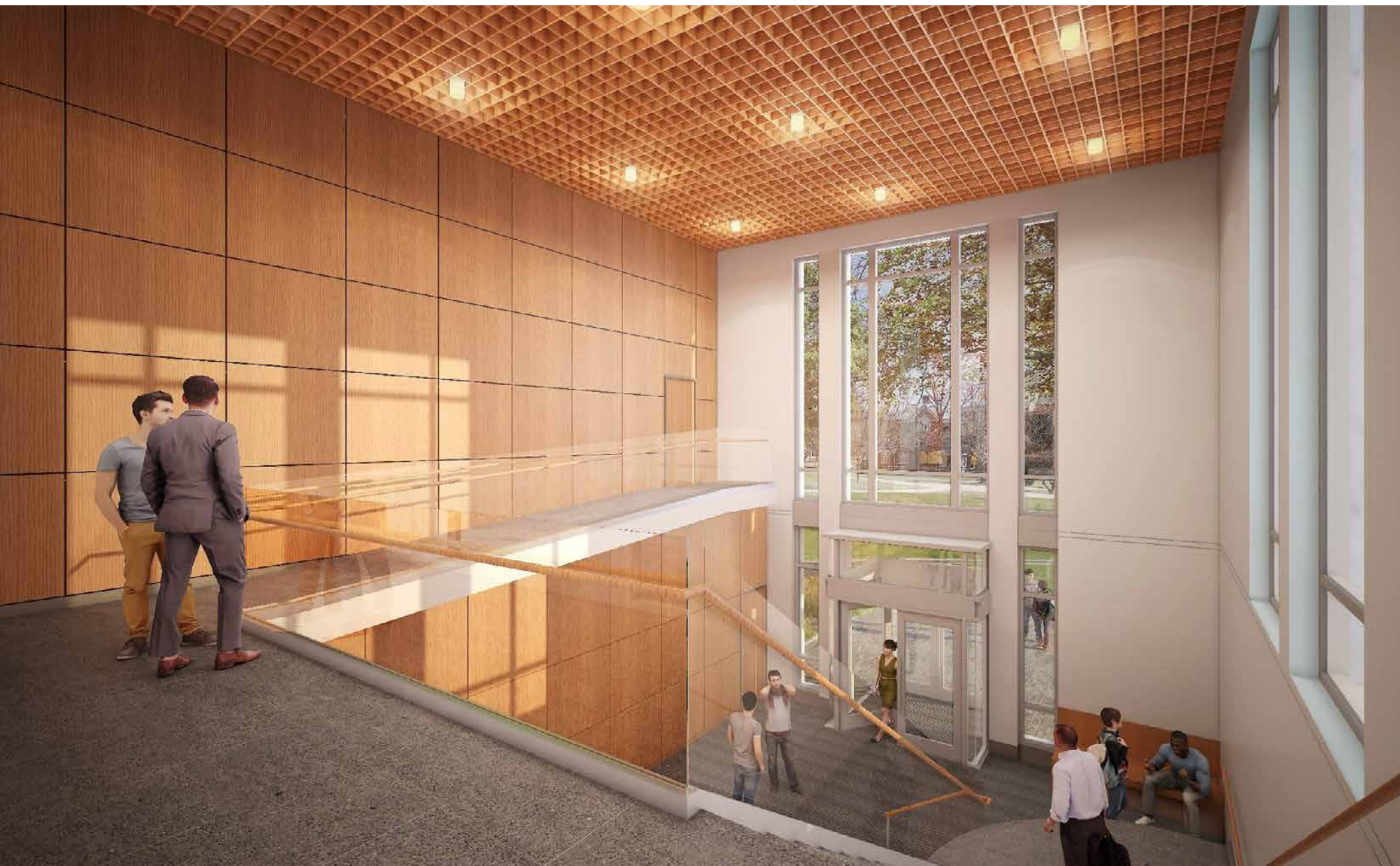




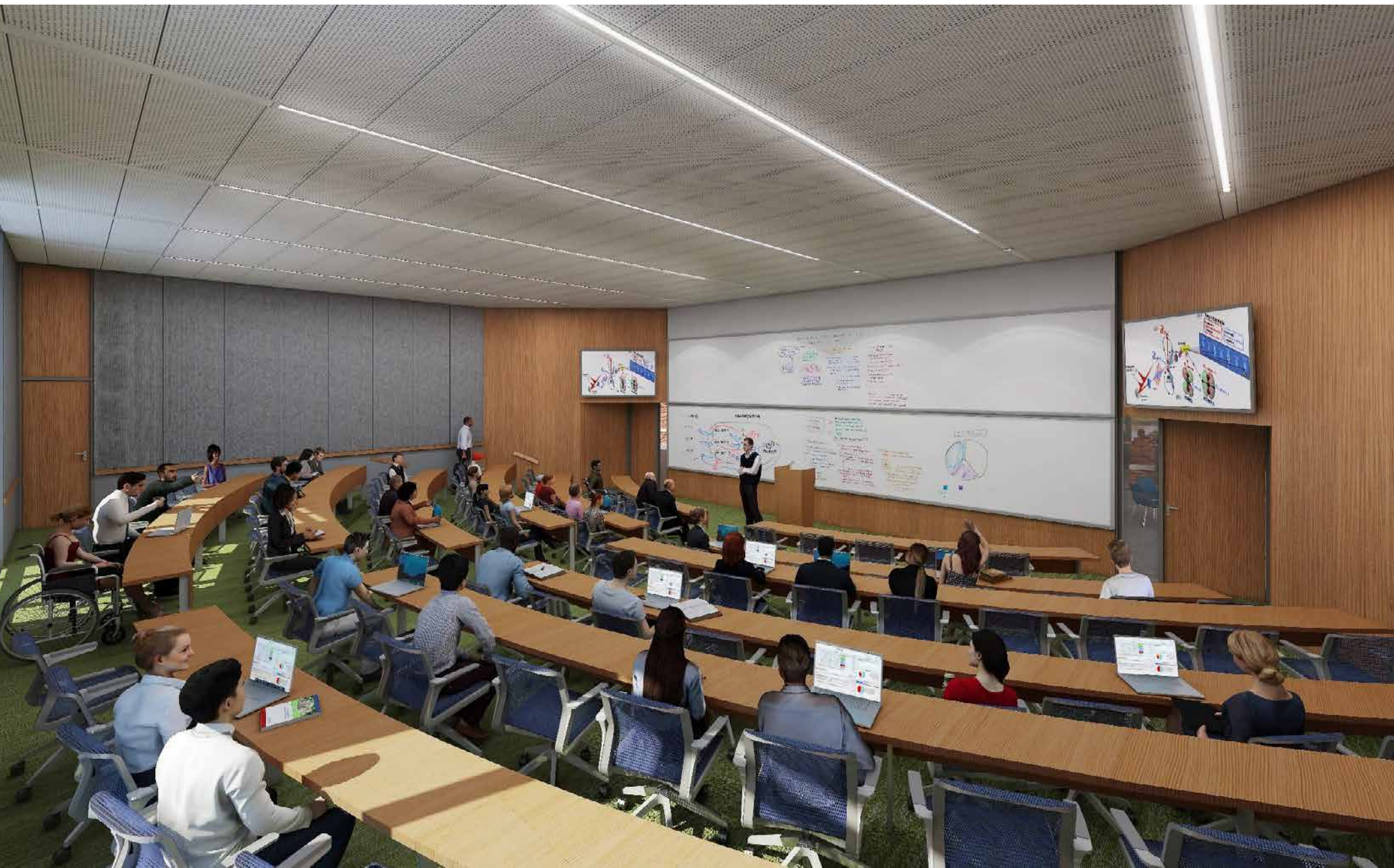
















315
Office



Key Sustainability Strategies

Digital Energy Modeling

High-Performance Envelope

- High Insulation
- Operable Windows
- Green Roofs

Healthy Interior Environments

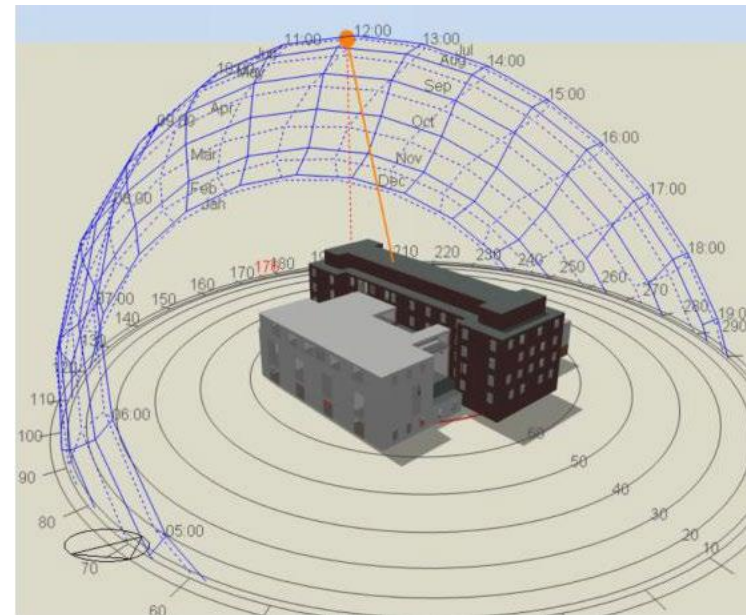
High-Performance Systems

- Radiant Ceilings and Floors
- Displacement Ventilation
- Sensor-Controlled LED Lighting

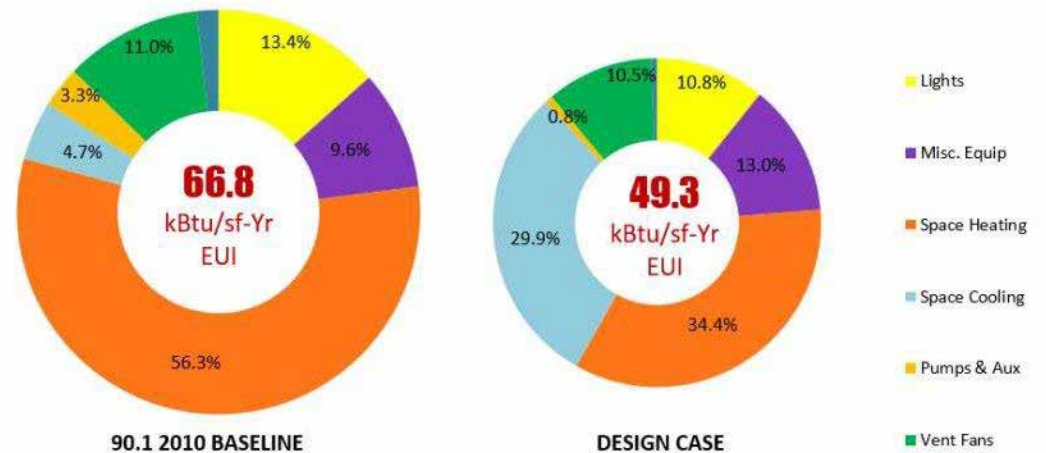
Low-Maintenance Native Landscaping

Photovoltaics

LEED Gold Certification



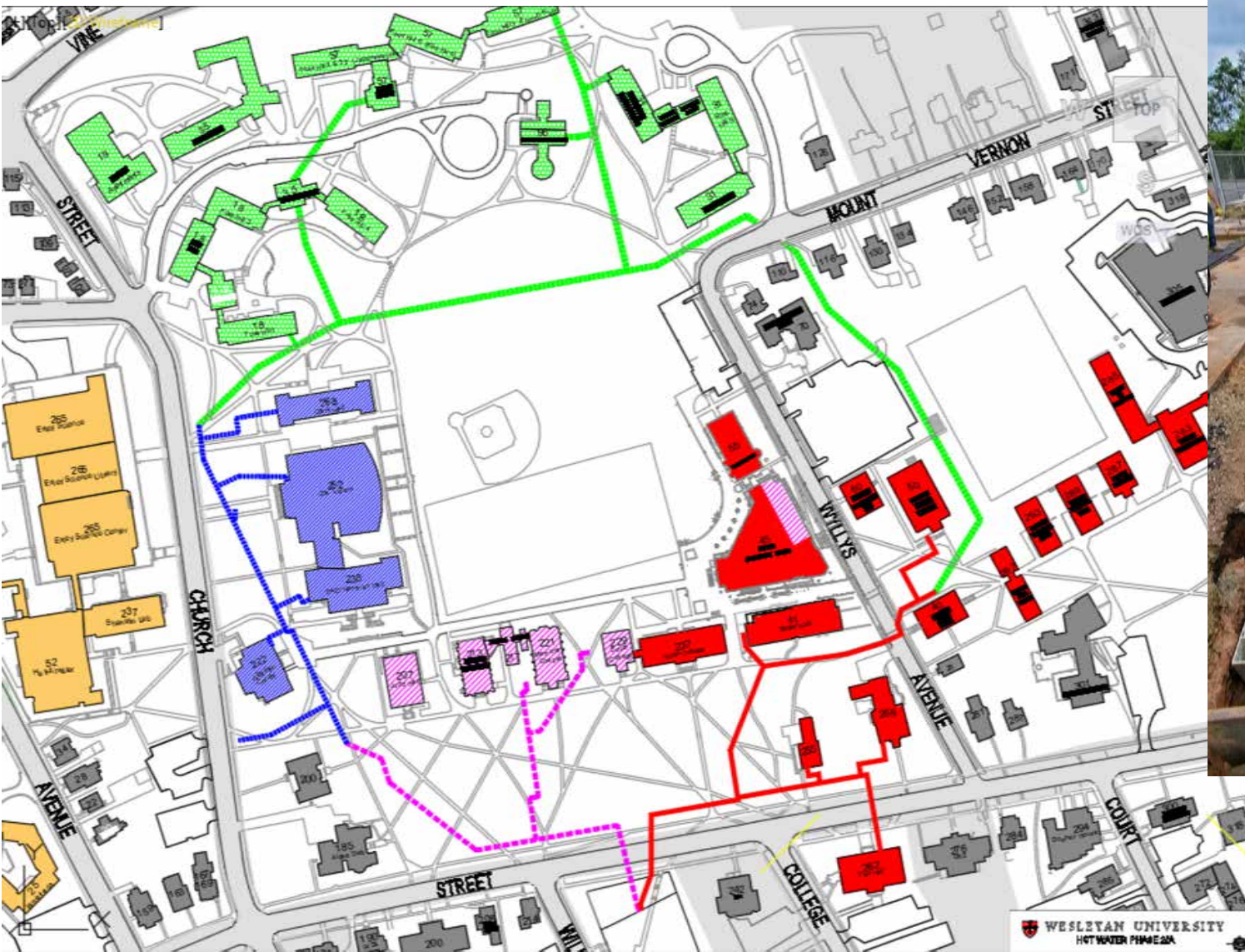
SITE ENERGY CONSUMPTION BY END-USE



Steam to Hot Water Conversion – Carbon Neutrality

President's Council

April 16, 2021



- PHASE 1 (COMPLETED 2020)
- PHASE 2 (PLANNED 2021)
- PHASE 2A (PLANNED 2022)
- PHASE 3/4 (TENTATIVE 2023-2024)



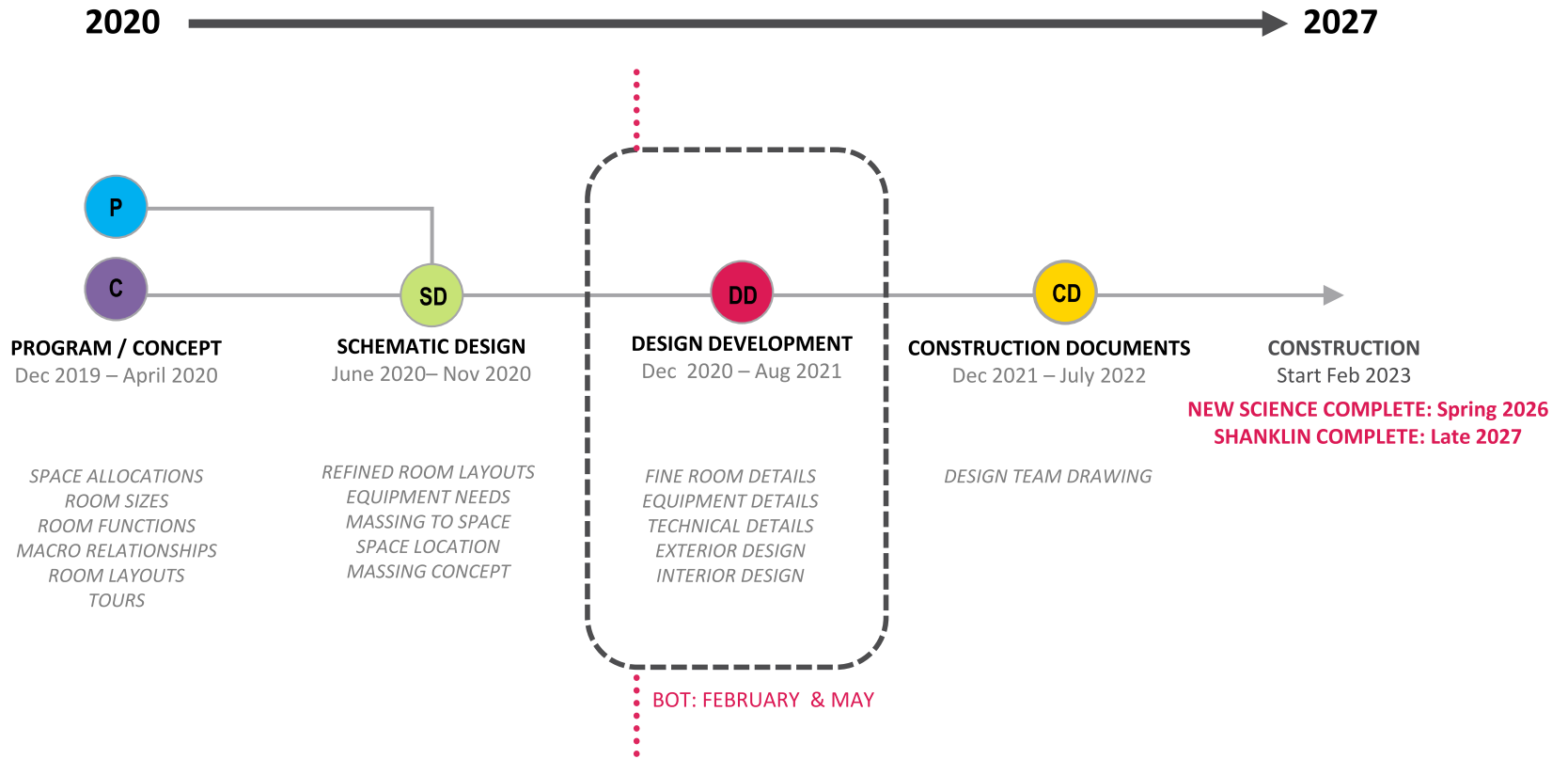
WESLEYAN UNIVERSITY – NEW SCIENCE BUILDING

PRESIDENT COUNCIL

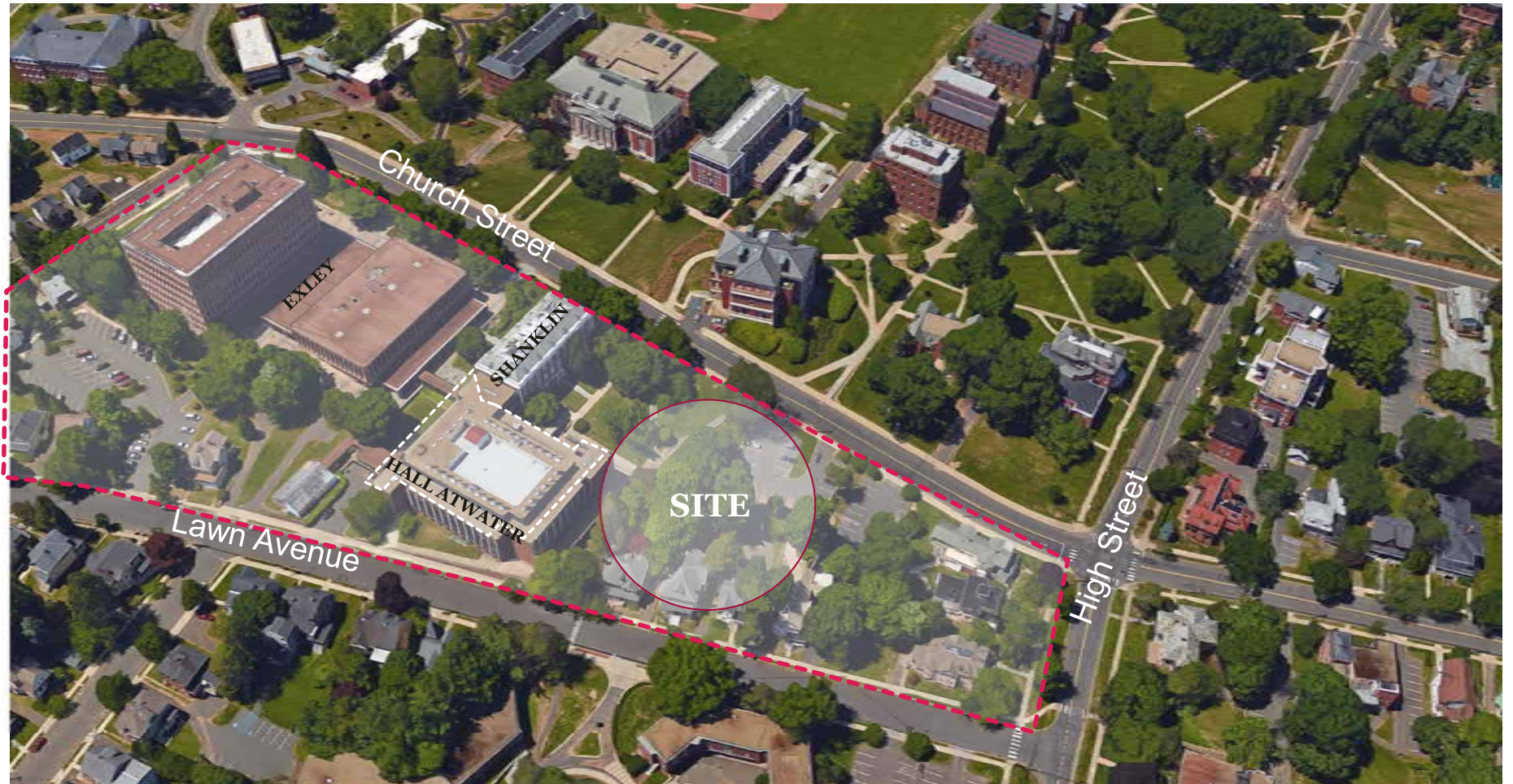
4/16/2021

PAYETTE

SCHEDULE | DESIGN & CONSTRUCTION



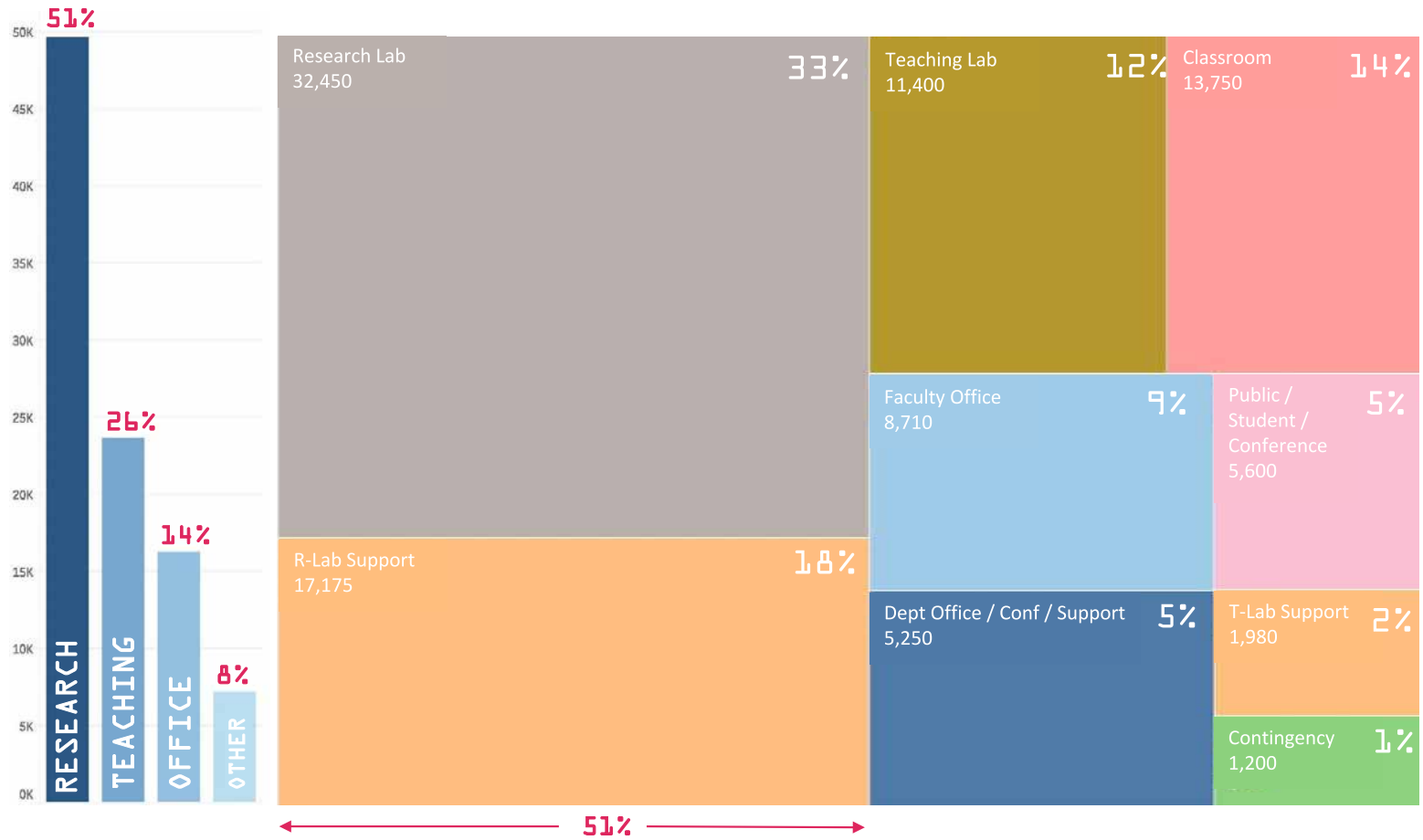
BOT Approval 11/2021: CDs, Daycare Construction, Student Housing, Utility Relocation
 BOT Approval 11/2022: New Science Construction Approval



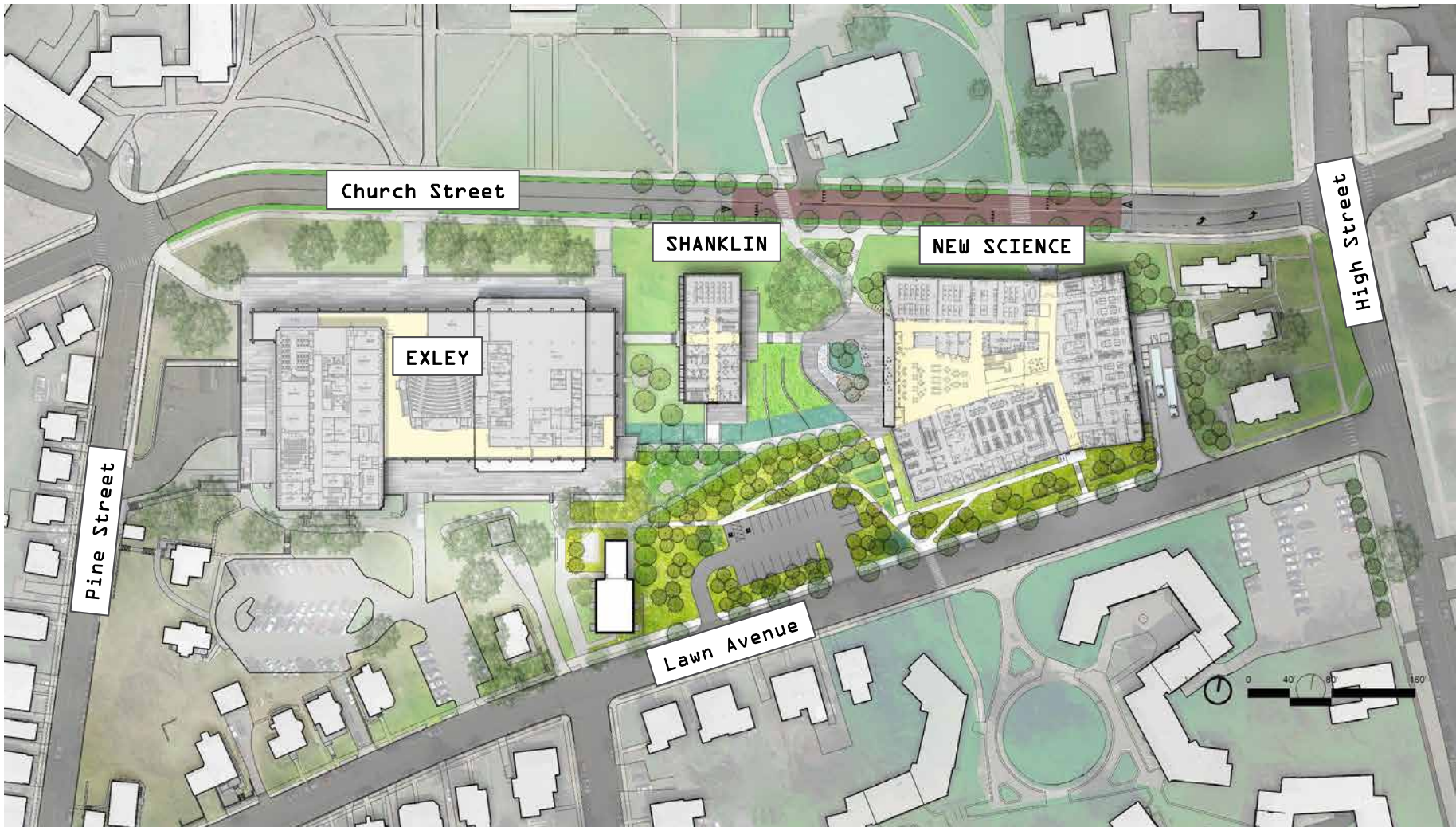
Existing Science Precinct

97,500 NSF
193,000 GSF

- 39 Research + support
- 9 Teaching Labs.
- 7 classrooms
- Vivarium + Greenhouse
- Adv. Instrumentation
- College of the Environment



Fantastic User engagement : Program on track : Over 200 meetings



Site Plan



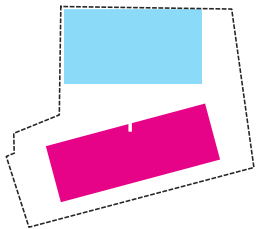
Integrating the Sciences with Wesleyan's campus



BUILDING ORGANIZATION | BASEMENT



Basement | Vivarium, Mechanical & Loading

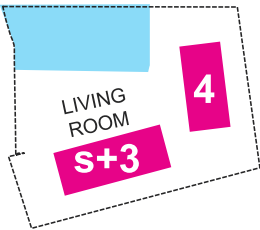
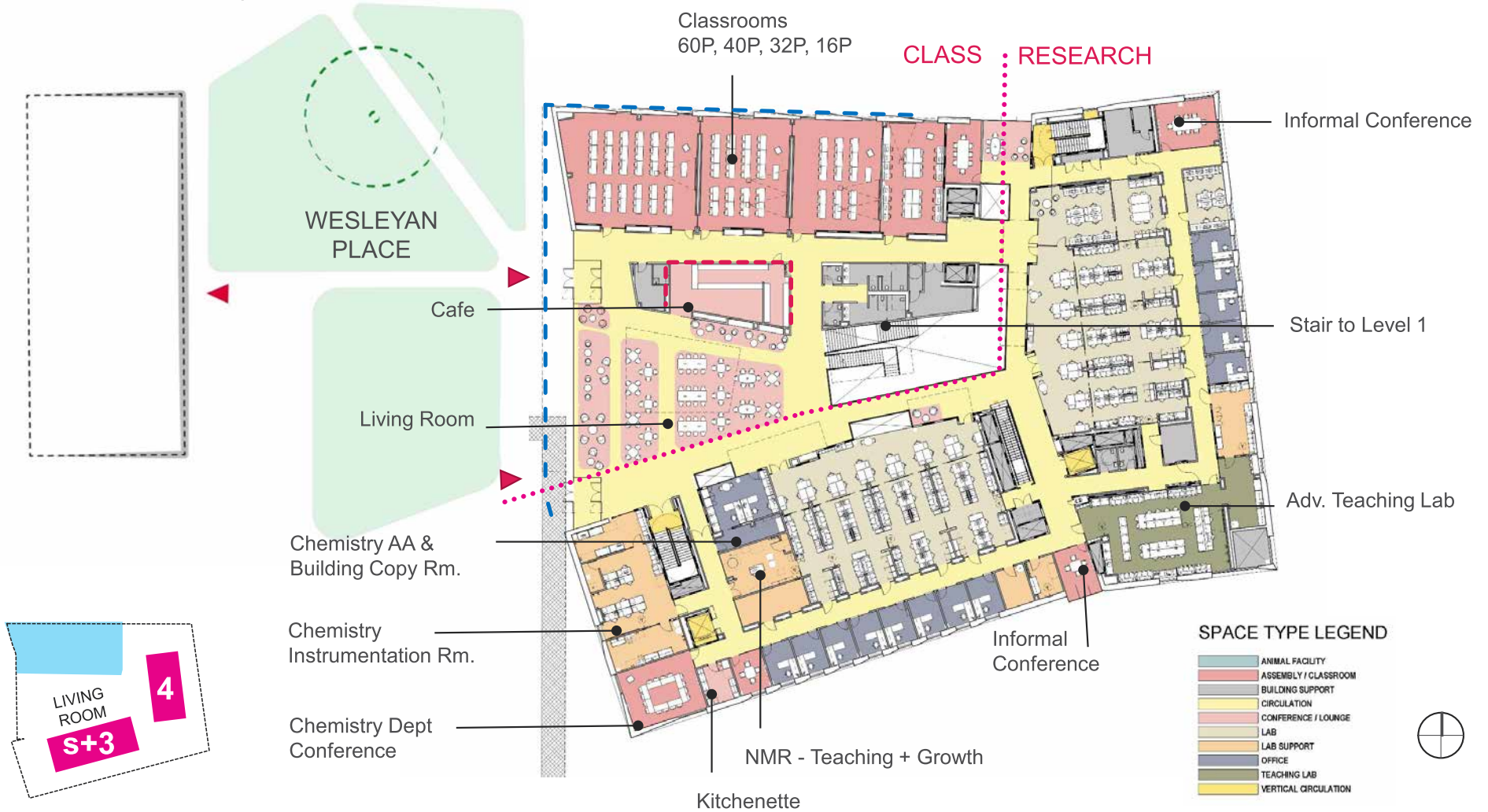


BUILDING ORGANIZATION | LEVEL 1



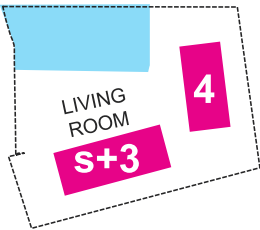
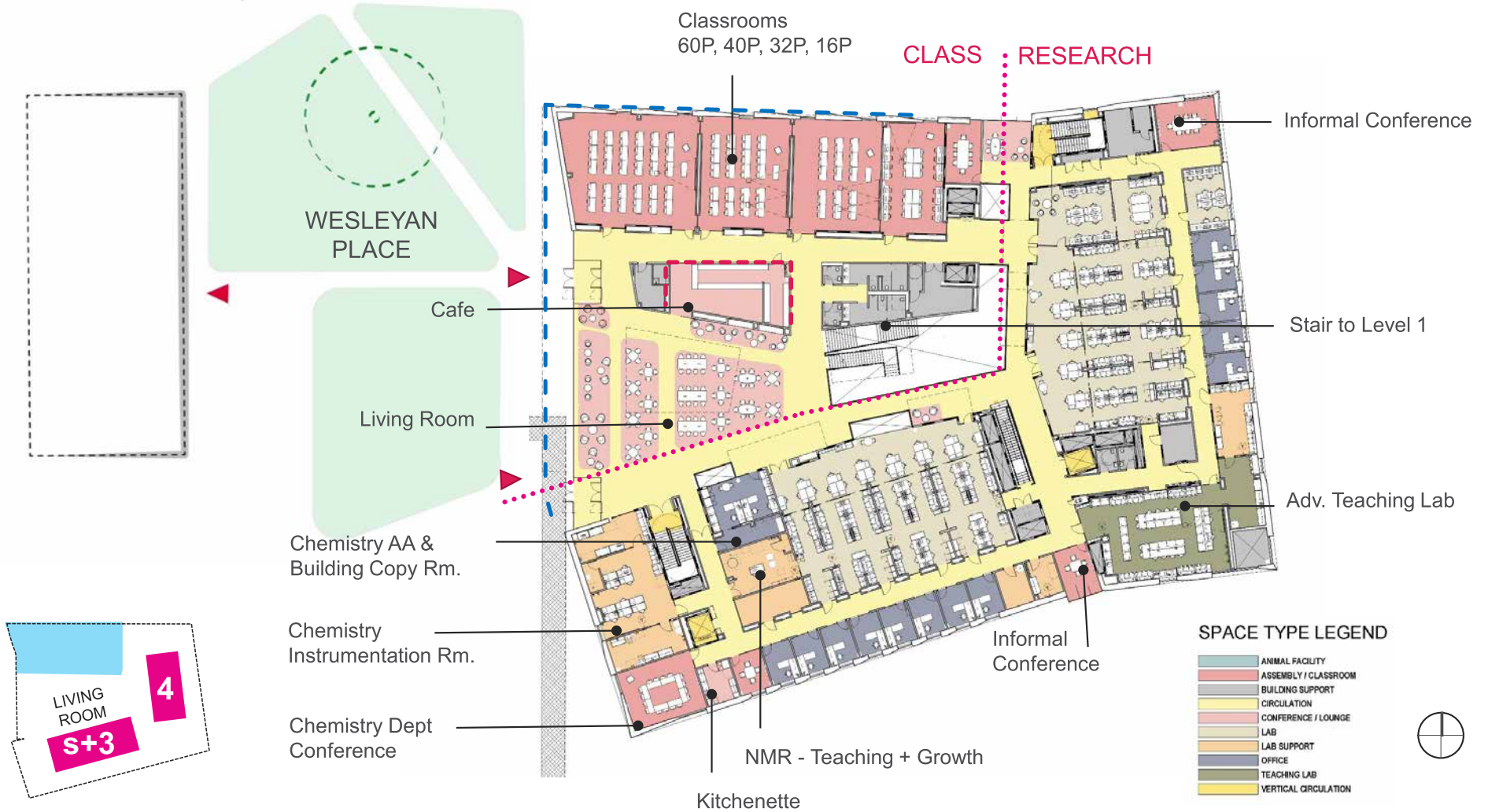
Level 1 | Teaching Labs and Classrooms

PROGRAM STACKING | LEVEL 2



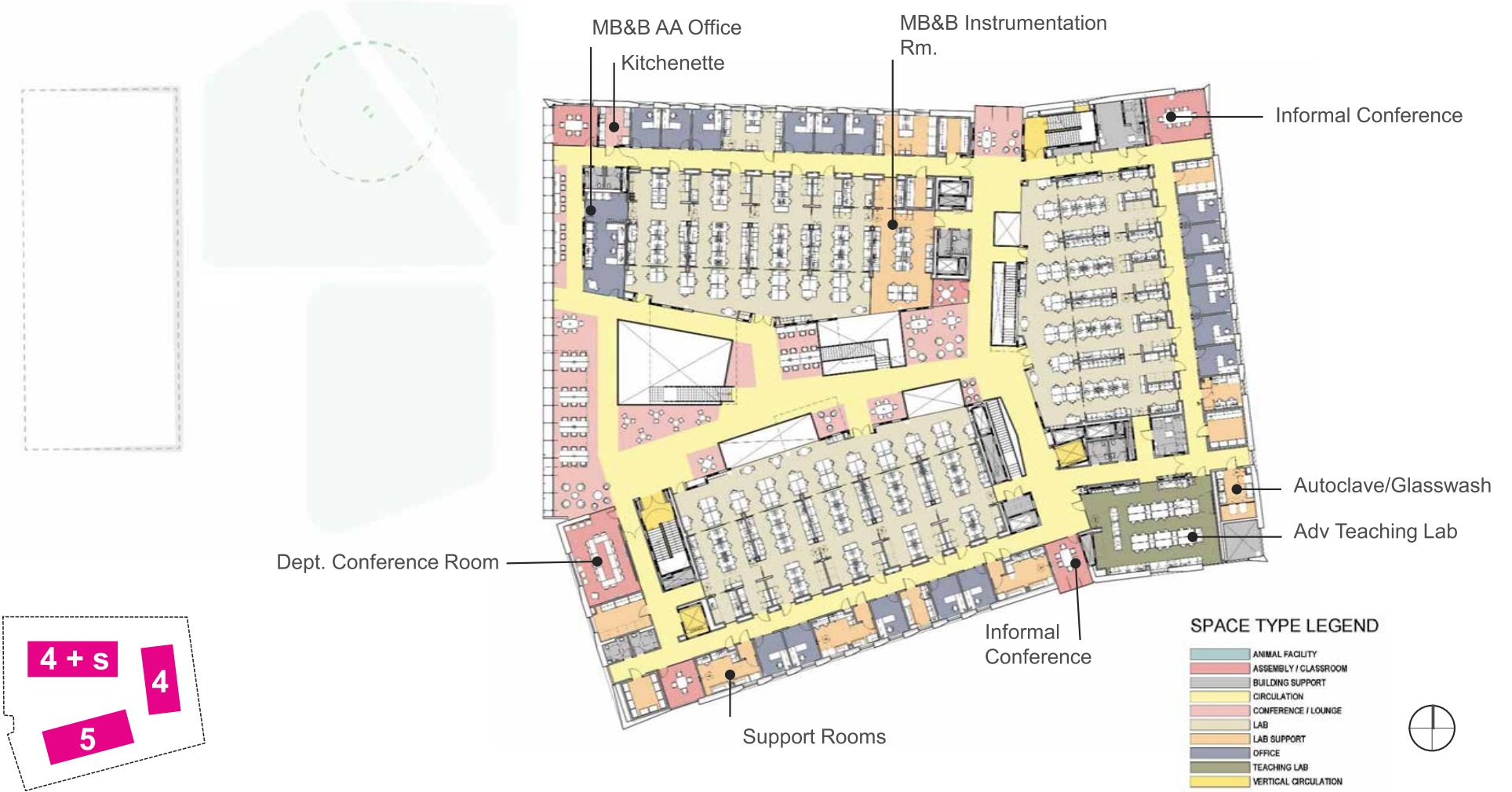
Level 2 | Lobby, Classrooms & Research (Chemistry)

PROGRAM STACKING | LEVEL 2

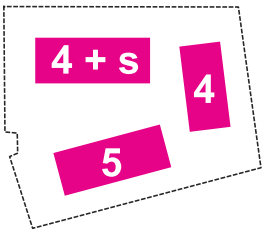


Level 2 | Lobby, Classrooms & Research (Chemistry)

PROGRAM STACKING | LEVEL 3



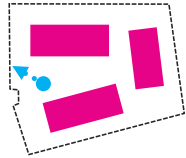
Level 3 | Research (MB&B)



PROGRAM STACKING | LEVEL 4



Level 4 | Research (Biology)



Interior Concept | Level 3 view onto Wesleyan place



Lawn Ave | Butterfield Crossing



College Row | Campus Approach



Wesleyan Place | Allbritton Crossing



From Olin | Campus Approach



Wesleyan Place | approaching Allbritton Crossing



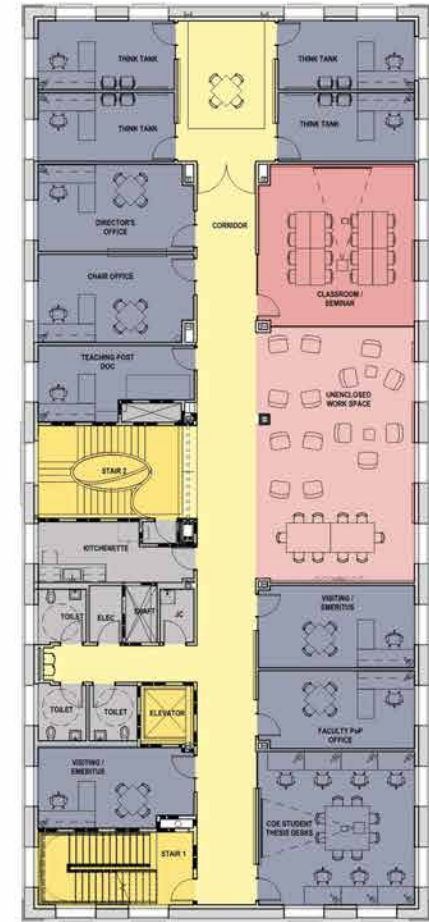
Wesleyan Place | From Shanklin



Level 1 (CIS / Meeting)



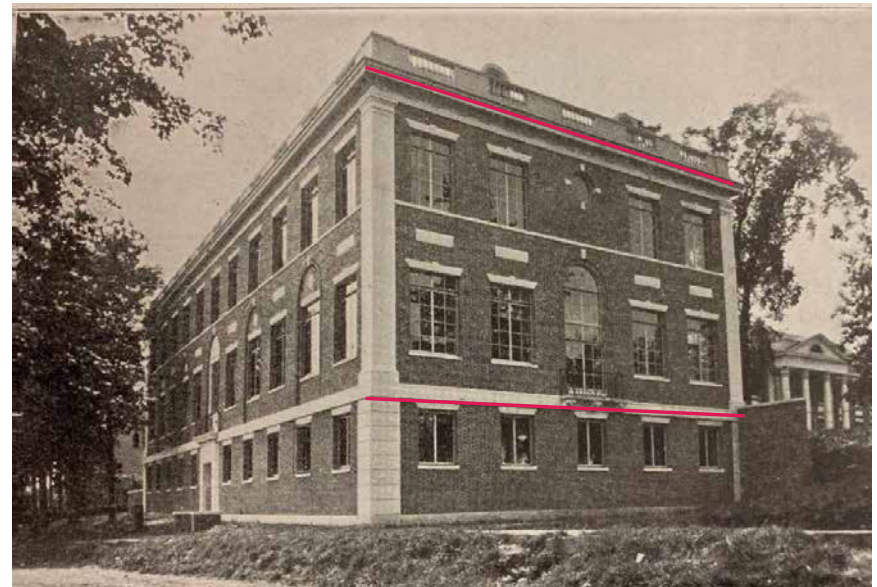
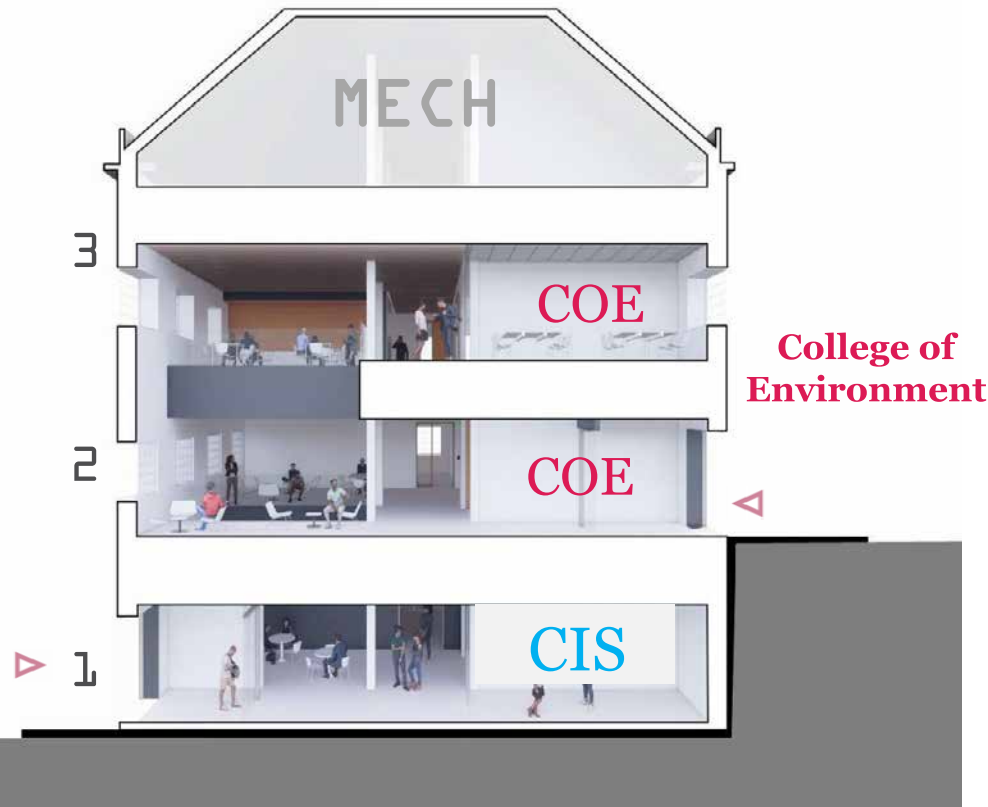
Level 2 (COE)



Level 3 (COE)

Shanklin | New Home for COE (+CIS) | Interdisciplinary Science Programs

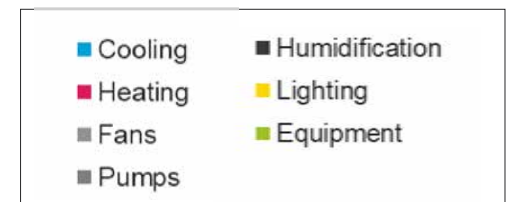
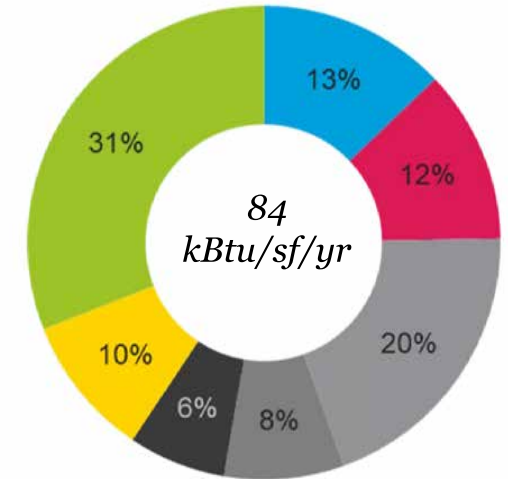
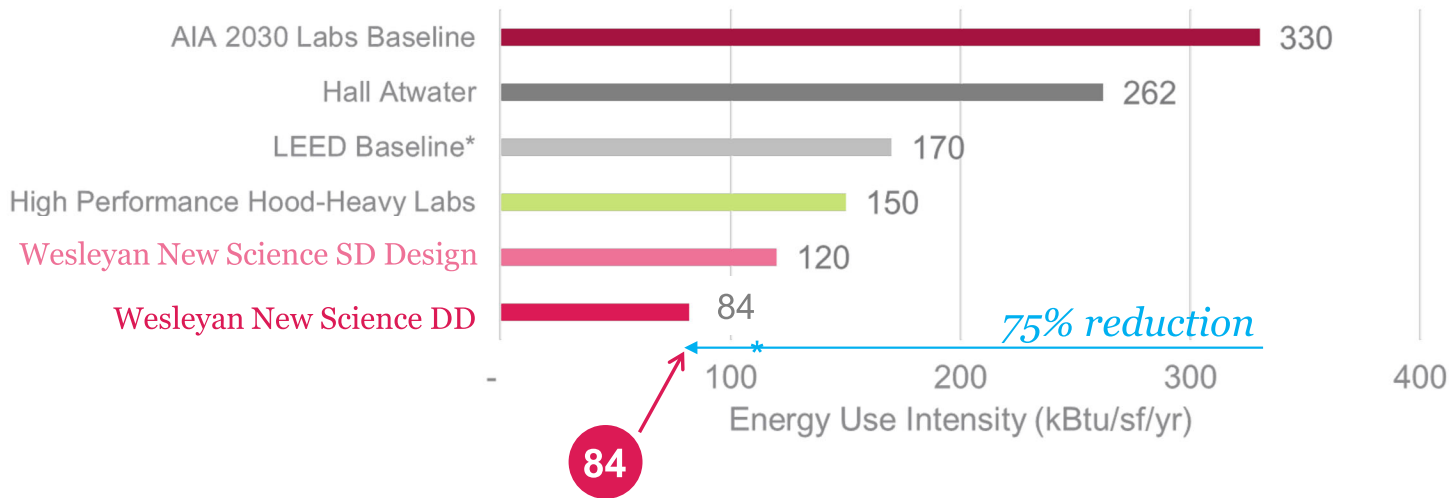
SHANKLIN | COLLEGE OF THE ENVIRONMENT



Shanklin | maintain & revitalize historic asset | COE (+CIS)

ENERGY PERFORMANCE | PREDICTED EUI

* LEED Baseline expected to increase pending conversations with USGBC.



NSB Predicted Energy Use (EUI) = +/- 84 kBtu/sf/yr