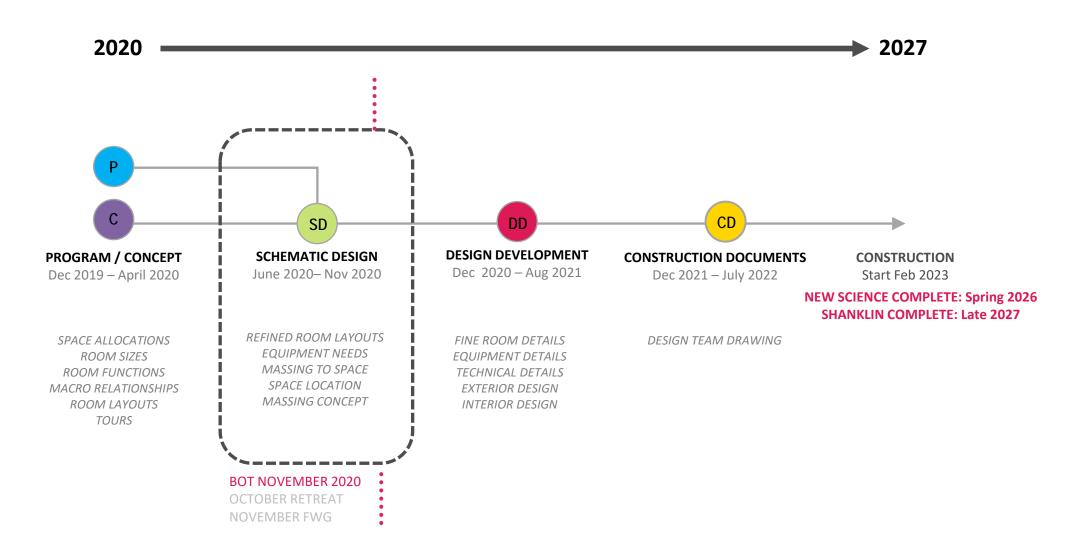


Pricing Update
Equity Diversity & Inclusion (EDI) Outreach
Exterior Progress
Interior Progress



Schematic Design

Confirming

Project Cost

Confirm on budget

Location / Site

East of renovated Shanklin & Hall-Atwater demo

Program Spaces and Size

Chemistry, MB&B, Biology & COE

Who goes where

What floor and where on floor

Massing and Exterior Concept

Early exterior vision

Permitting

Reviewed general approach with City

Design Development

Where we're headed

Project Cost

Confirm on budget

Building Exterior

Finalize building shape & materials

Building Interior

Finalize room layouts, equipment & materials

Systems & Performance

Finalize MEP systems & energy strategies

Site

Refined site features and design

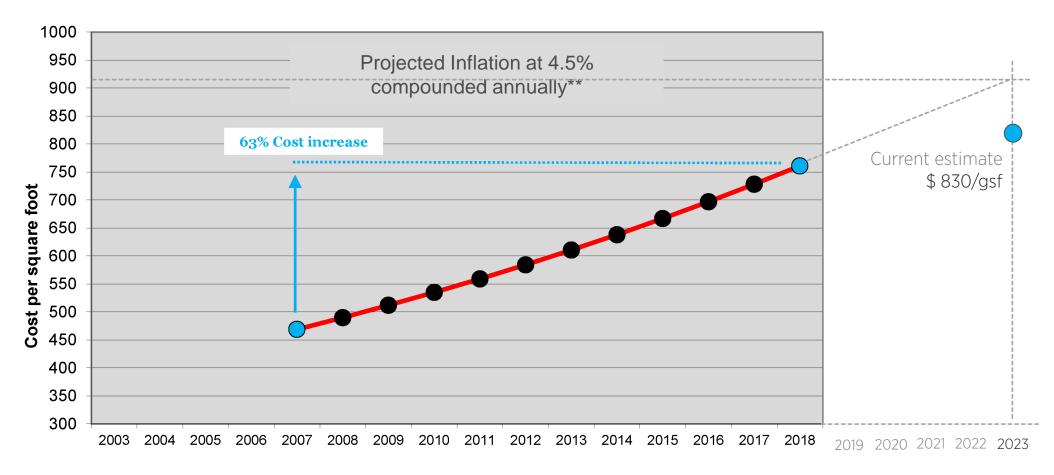
Permitting

Finalize Permitting approach with city

Pricing Update

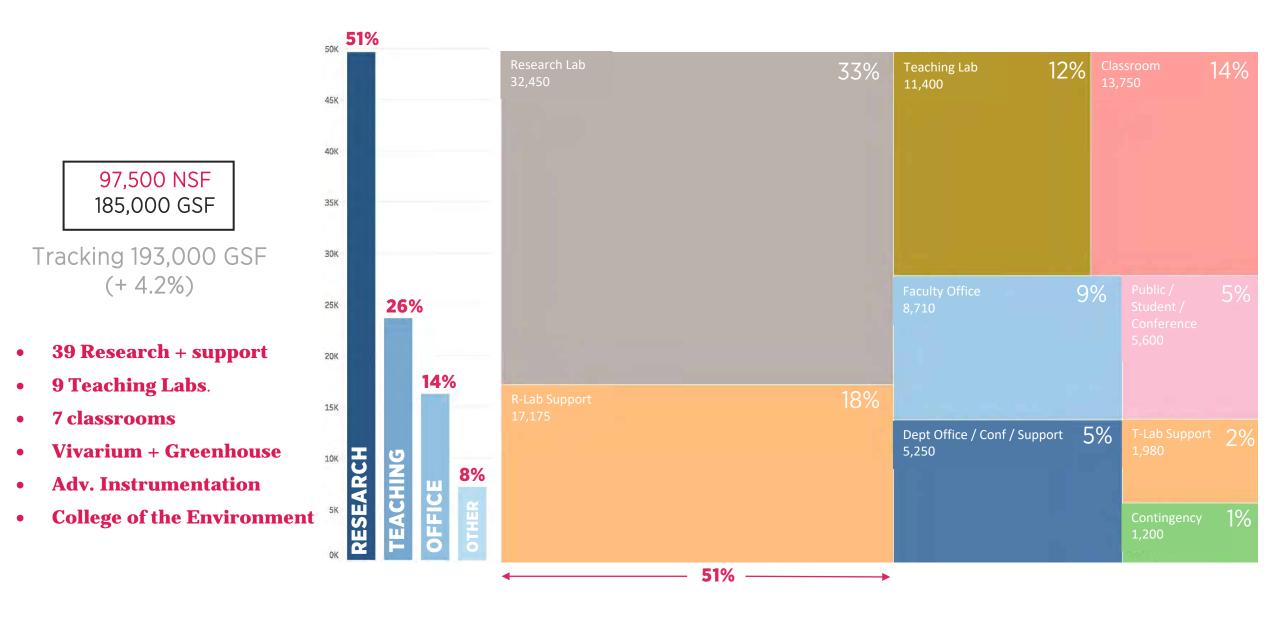
- Two independent estimates completed within 1.5%
- Design documents "well beyond Schematic design"
- Construction Cost: \$ 183M | on budget
- Project Costs: \$ 255M | on budget
- Contingencies & Mobilization projects included
- Construction start 2023
 - 6.5% Total Construction Escalation (3% in 2021 & 2022, ½% in 2023)
 - 1.5% Total Soft Cost Escalation (½% in 2021, 2022 & 2023)
- Project on budget*

Projections from 2007

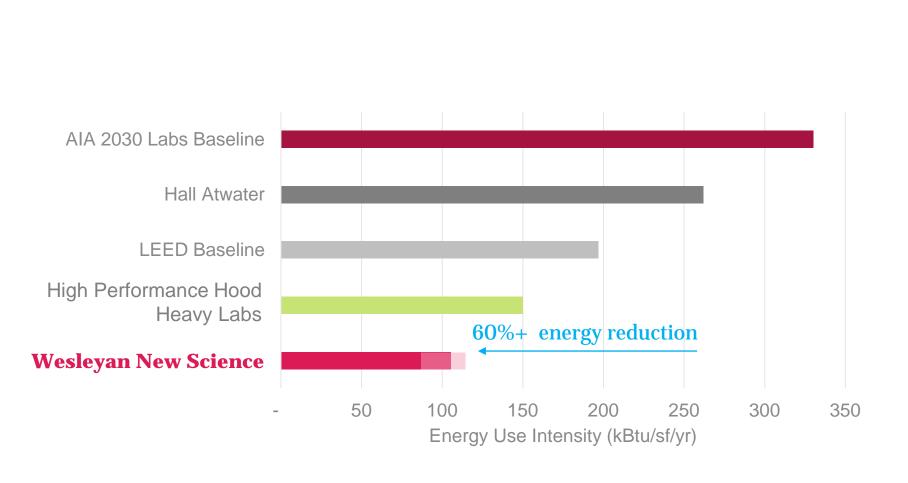


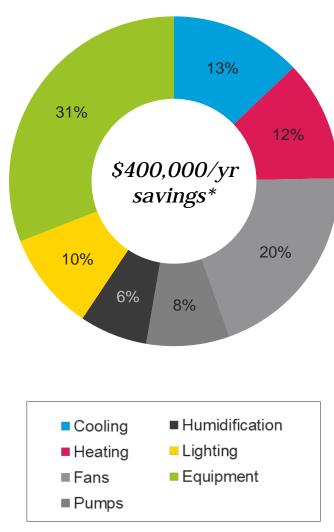
^{*\$183}M excludes tunnel to Exley (+\$2.1M)

^{**} Realized compounded construction industry inflation Average 2007-2020 = 4.92%



Fantastic User engagement: Program on track: Over 130 meetings





^{*} Cost savings with respect to LEED Baseline

Strategies for Covid response:

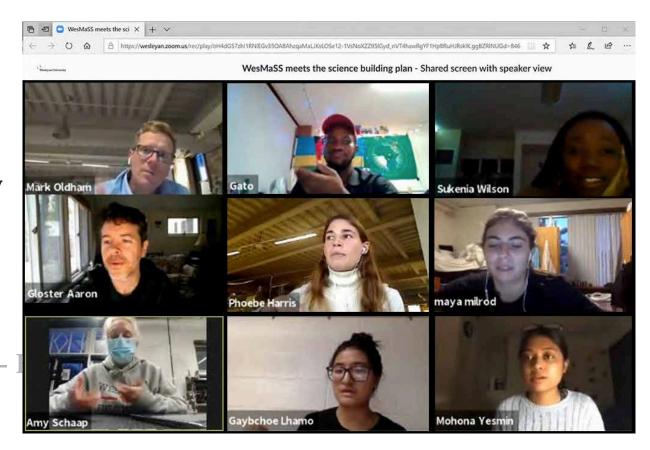
- 1. Reduced physical contact: touchless contact points (sinks, devices, dispensers)
- 2. Doors: Doorless restrooms (airport style)
- 3. Lecture capture and recording strategies for remote and hybrid learning
- 4. Increased air changes. (filters and air change rates robust)
- 5. Study decompression plans for (temporary) reduced capacity

COVID-19 ongoing and still evolving - fluid | We have time to respond

Pricing Update Equity Diversity & Inclusion (EDI) Outreach Exterior Progress Interior Progress

Equity, Diversity & Inclusion (EDI) Outreach

- WesMass* Student Focus Group
- Office of Equity & Inclusion
- Office Academic Resources & Accessibility
- Bio, Chem, MB&B **Undergrad Students**
- Bio, Chem, MB&B Graduate Students
- STEM zone tutoring Focus Group
- WesWIS Women in Science



^{*} Selective academic program designed to support students from traditionally underrepresented groups in mathematics and natural sciences.

Key Questions

How might the building help promote equity, inclusion, and invitation to all?

What characteristics of the building can convey welcome and accessibility?

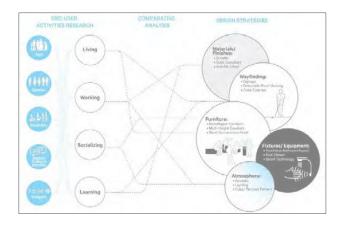
Do any existing (science?) buildings hinder a sense of equity and inclusion?

What of your experiences might help our design, equity & inclusion efforts

Ingredients for promoting equity & inclusivity



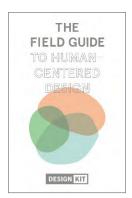
YALE UNIVERSITY - Joel Sanders MIXDesign



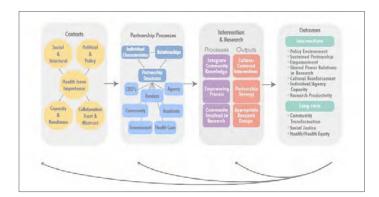
AIA - The Design for Equitable Communities



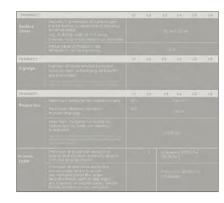
IDEO - Field Guide for Human Centered Design



ENGAGE FOR EQUITY – Community Based Participatory Research Model



LIVING BUILDING CHALLENGE – Equity Certification



EDI Design Thought Leadership



Establish Community Partnerships

- WesMass* Student Group
- Office of Equity & Inclusion
- Academic Resources & Accessibility
- Grad & Undergrad Student Groups
- STEM zone tutoring Focus Group
- WesWIS Women in Science





Participatory Engagement

- Surveys
- Workshops
- Focus groups
- Collect Data & input
- Analyze the correlation between end users, activities and space

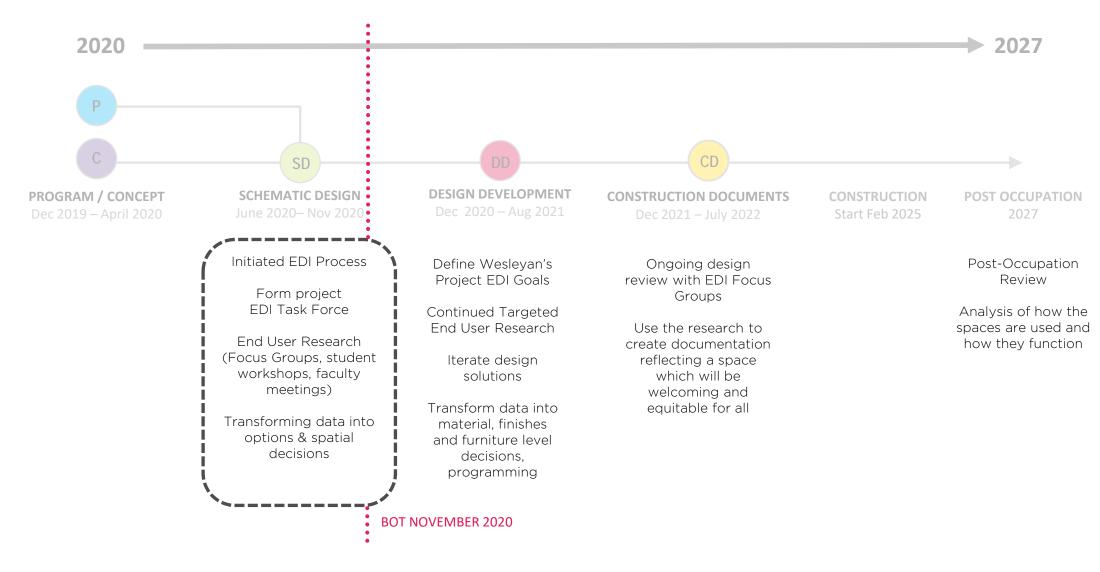






Analyze to generate a matrix of design strategies at all phases of the project

- Building Massing and wayfinding during early design
- Lighting, furniture selection, finish choices programming, at Design Development



Equity, Diversity & Inclusion | Focused EDI Process for Wesleyan

Equity & Inclusion Outreach

WesMaSS (Wesleyan Math and Science Scholars from URM)	Design	Phase	Office of Equity & Inclusion	Design	Phase	Office of Accessibility & Academic Resources	Phase
Clarity of Way Finding	SD	√	Clarity of Way Finding	SD	√	Clarity of Way Finding SD	✓
Moveable Furniture	DD		Universal Accessibility	SD	√	Universal Accessibility SD	√
Spaces for student groups	DD		Spaces for student self-expression	DD			
Range of study spaces	SD	√	Range of study spaces	SD	√	Spaces for different test taking needs	√
Writing surfaces on walls	DD				i 		
Temperature Control	CD						
Cross programing to draw other majors to the building	РО		Central location for Department Headhouse	SD	✓	Central location for Department Headhouse SD	✓

JUST Label Certified Firm - Level 2

- JUST is described as "a nutrition label for socially just and equitable organizations."
- Certified process & tool for establishing a business operation's best practices.

Published Firm EDI Action Plan

- Conducted firm-wide workshops on unconscious bias
- Annual review of project assignments to support more diverse project teams and opportunities
- Established core working hours to support flexible work schedules
- Firm representation to the AIA/SF Equity by Design Symposium & AIA Women's Leadership Summit and

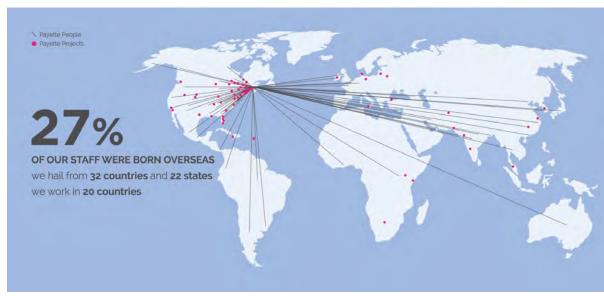
Staff Diversity Commitment

• In the past 12 months 58% of our full-time hires have been women and 17% have been people of color.

Hiring Process

• Active recruitment plan to build employment pipeline at Historically Black Colleges and Universities such as Howard University and Hampton University.

PAYETTE



Currently, 22% of our staff are minorities and 41% are women.

Pro Bono Community Design Services

- Fabricating COVID-19 response wash stations for economically depressed areas around Boston
- Maternity ward and neonatal care unit for a hospital in Haiti
- Host an annual Day of Service for under served non-profit organizations.

Payette | EDI Action Plan

PAYETTE WESLEYAN DESIGN TEAM



Payette | Your core design team for Wesleyan

Pricing Update
Equity & Inclusion Outreach
Exterior Progress
Interior Progress



Site Concept | Connected Science Precinct



Site Concept | Accessible Connectivity



Beyond ADA | An accessible science precinct (on a 35' hill)



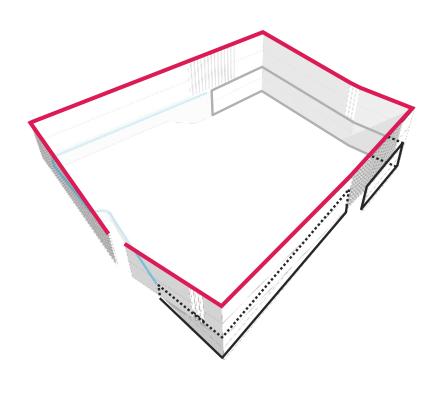
Unified Campus | Exley - Shanklin - New Science — Butterfield — College Row



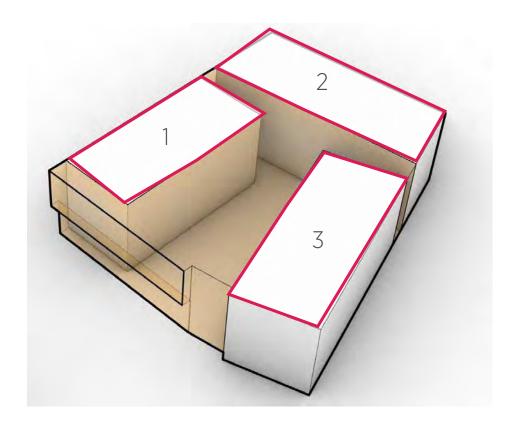
Unified Campus | Exley—Shanklin—New Science



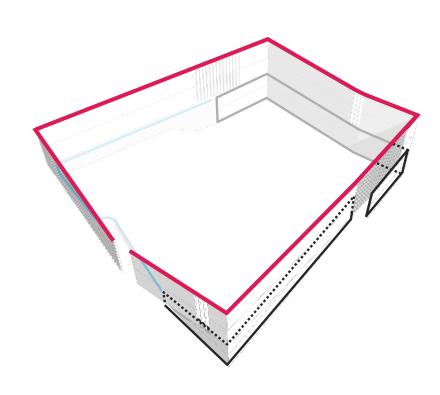
Unified Campus | Exley—Shanklin—New Science



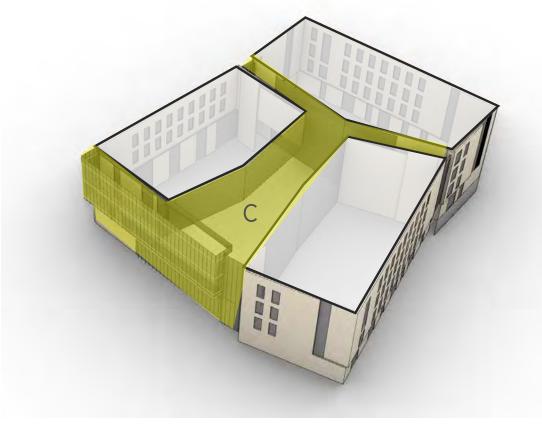
Unified wrapper



Expressed Clusters



Unified wrapper



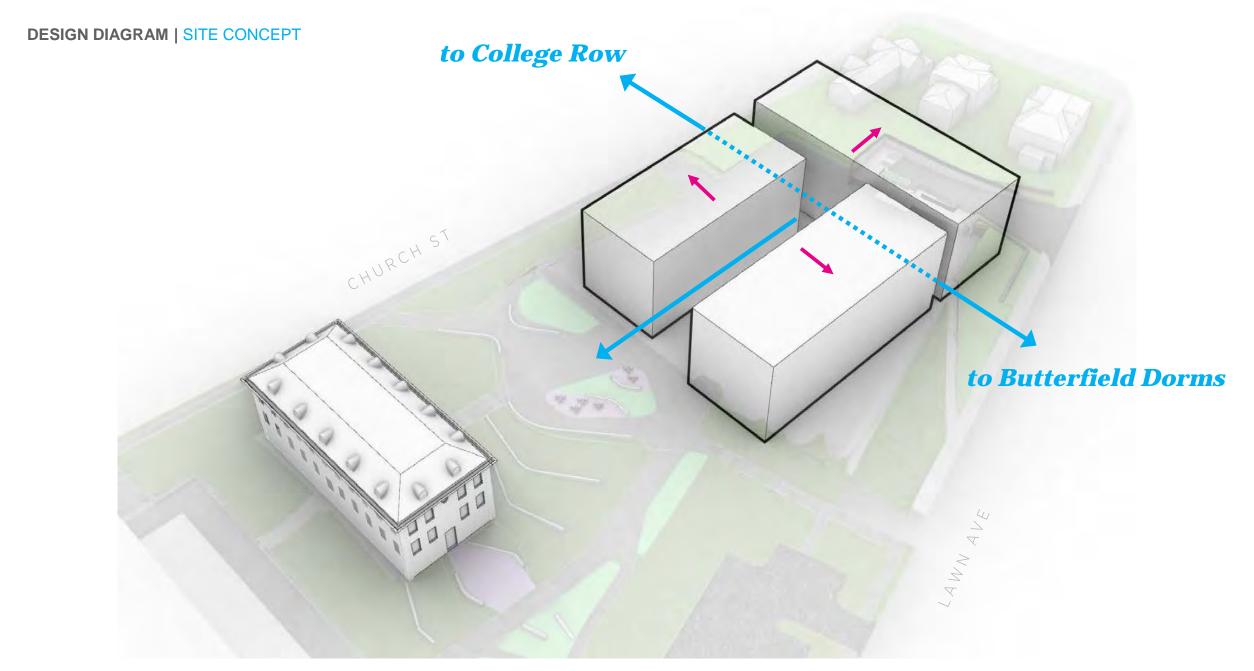
Expressed Clusters

H

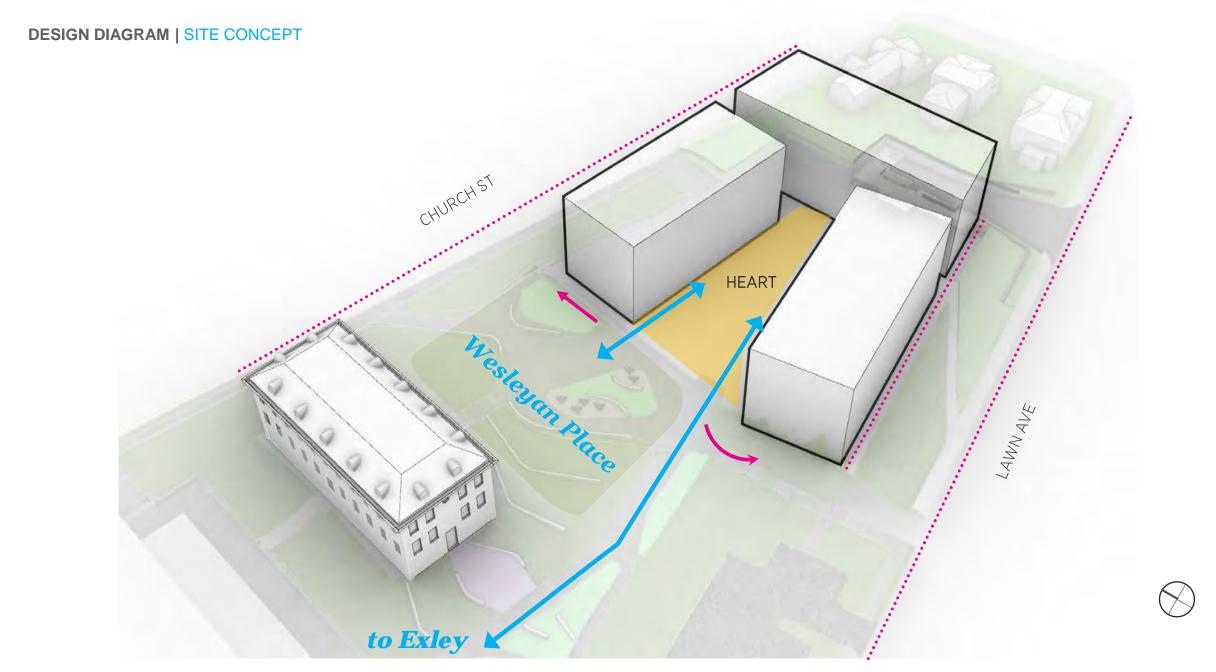
Inviting Campus Commons



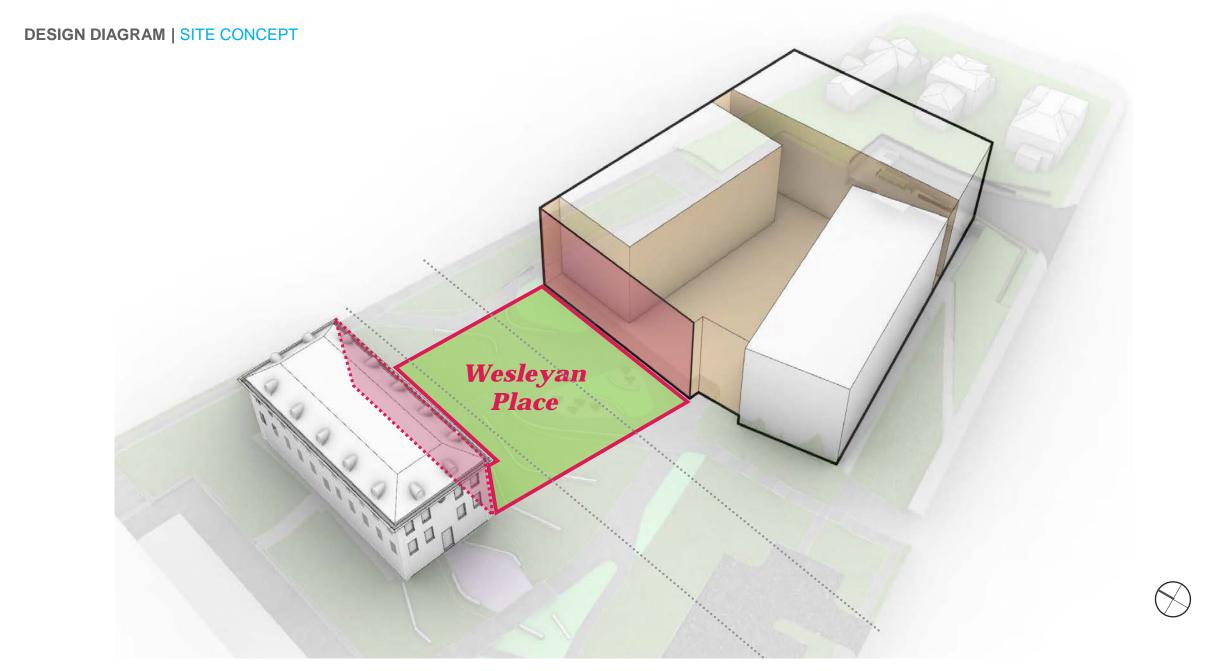
Site Response | New Science Program



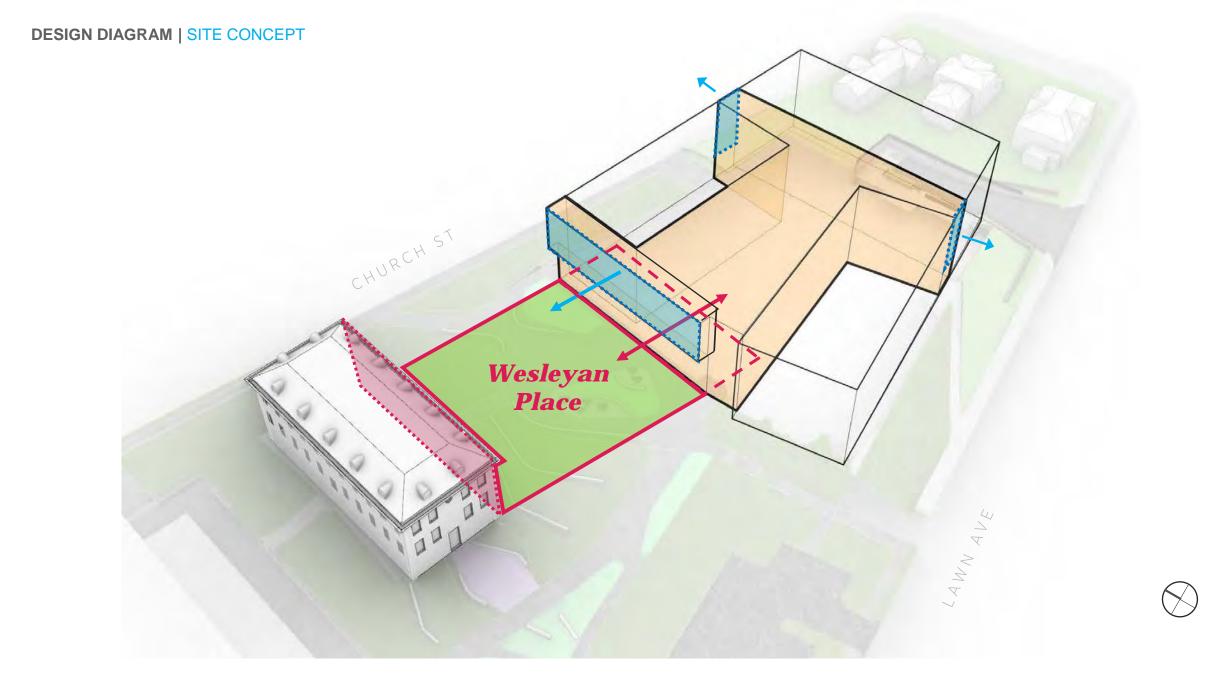
Site Response | 3 campus scaled clusters



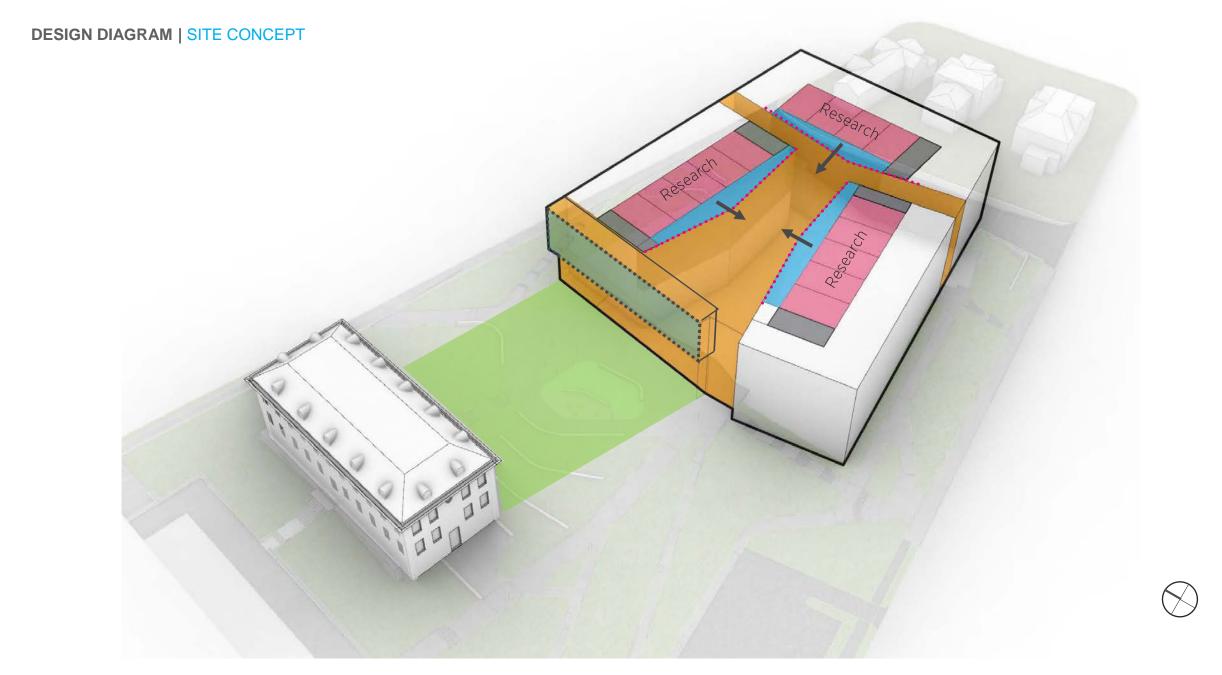
Site Response | Aligned to Lawn Ave – Inviting to Shanklin



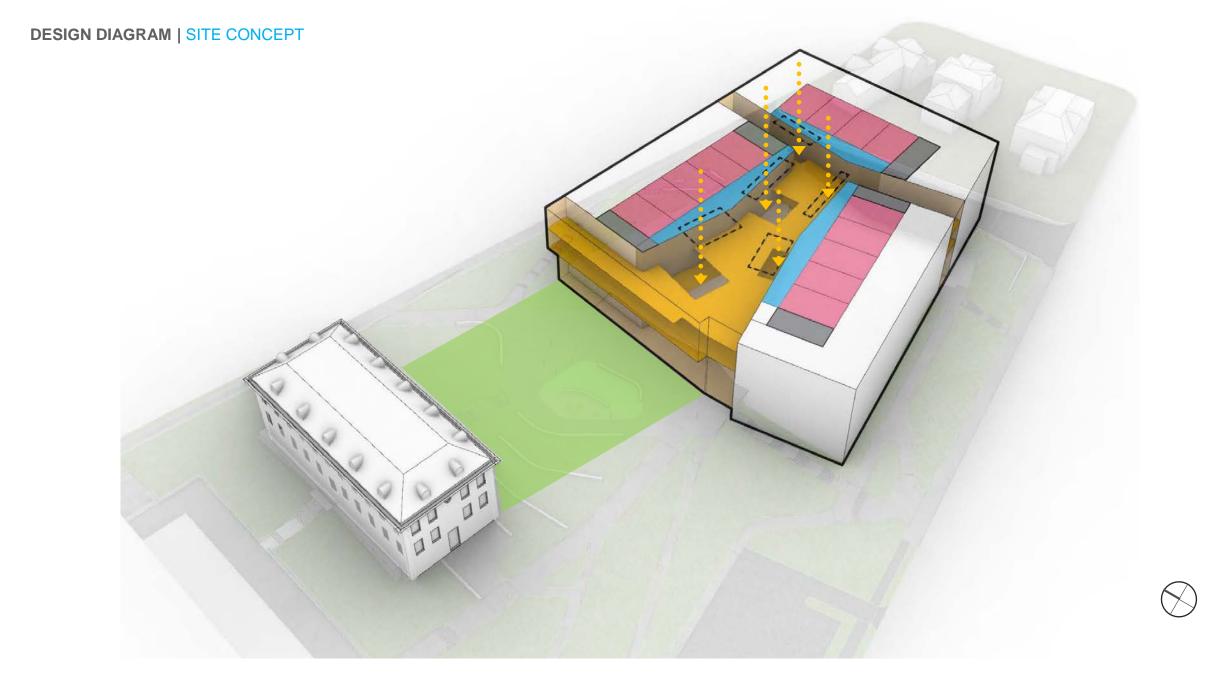
Site Response | Wesleyan Place



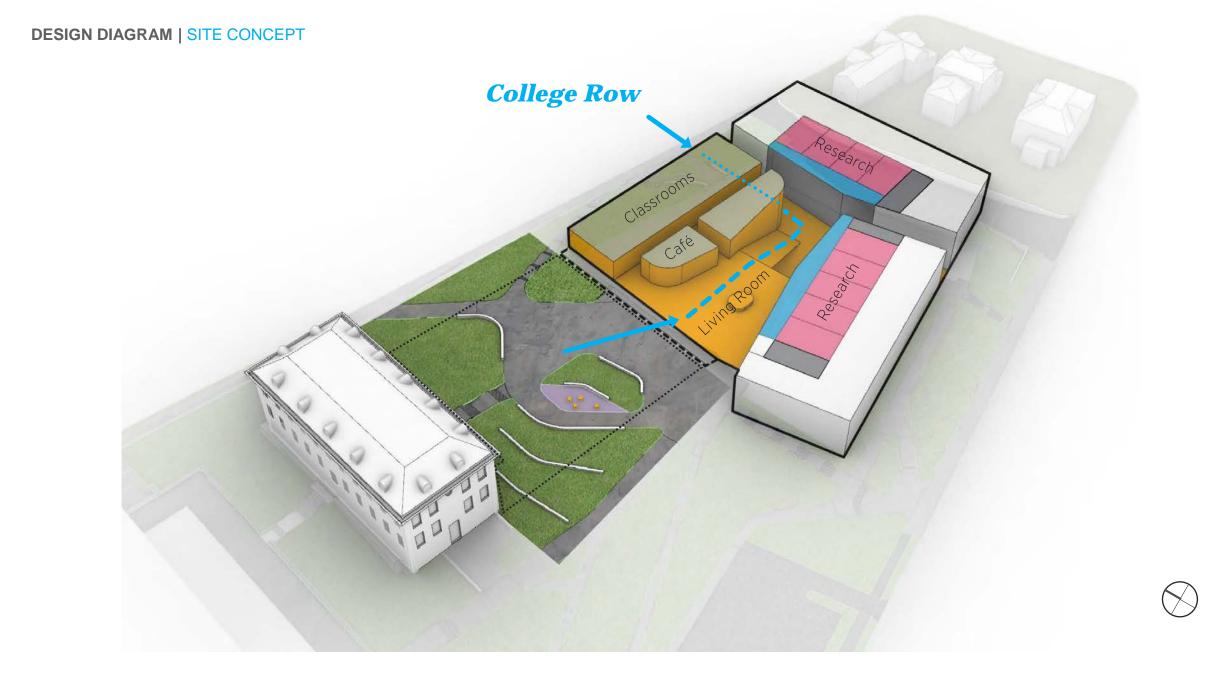
Window to Science | Connecting Campus and Building



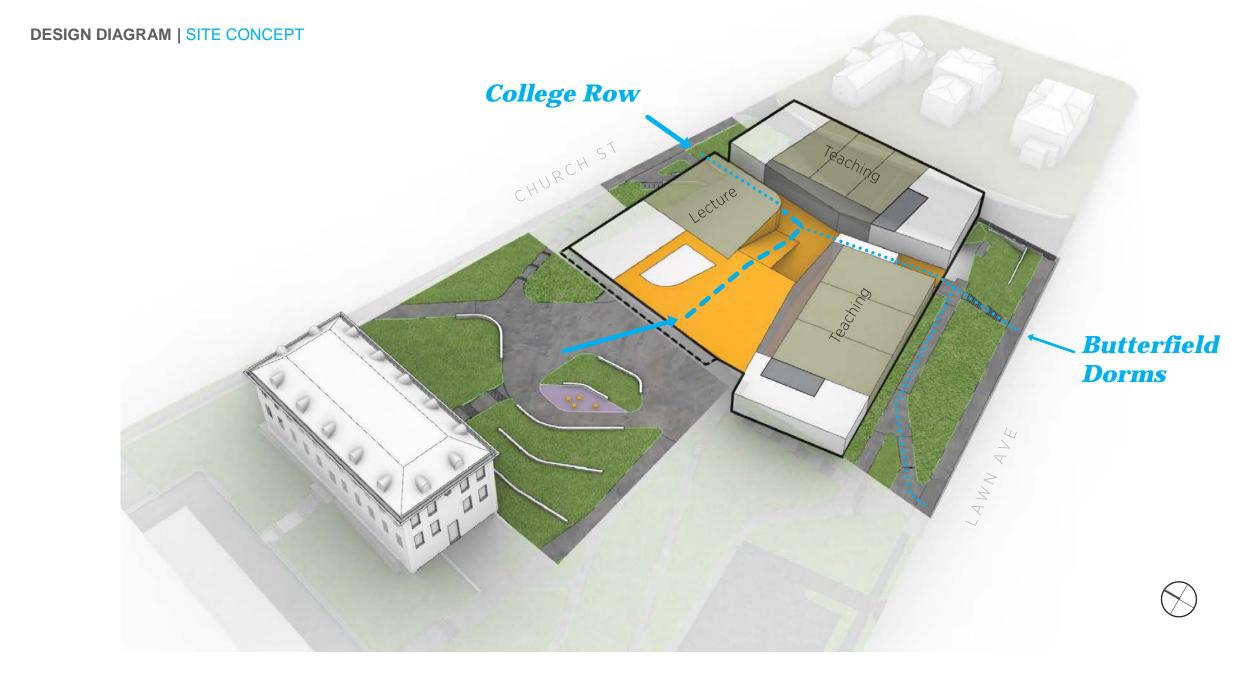
Active Heart | Science on display



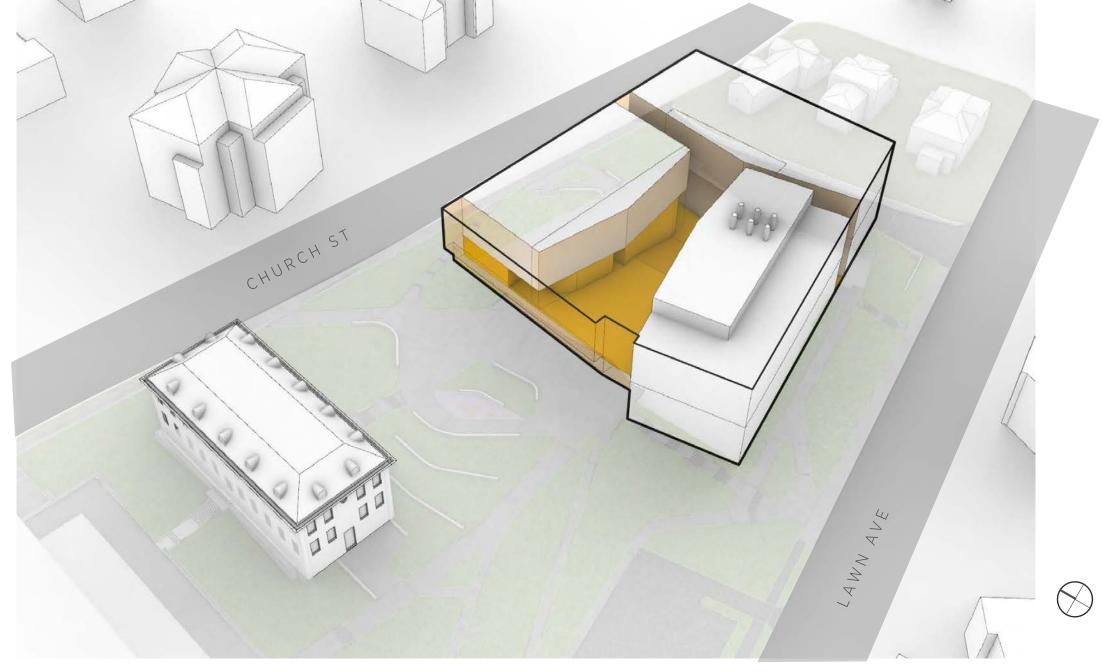
Inviting Community| Floor openings & skylights



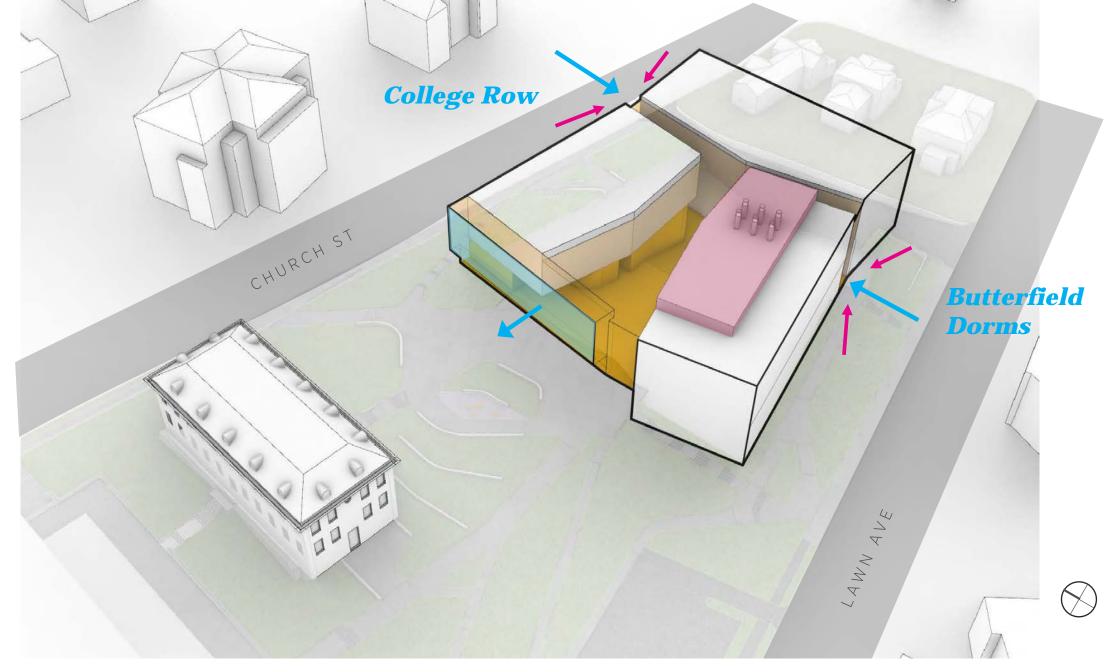
Connected to Landscape | Living Room, Courtyard & Café at L2



Connected to Campus | Teaching at lower Floors

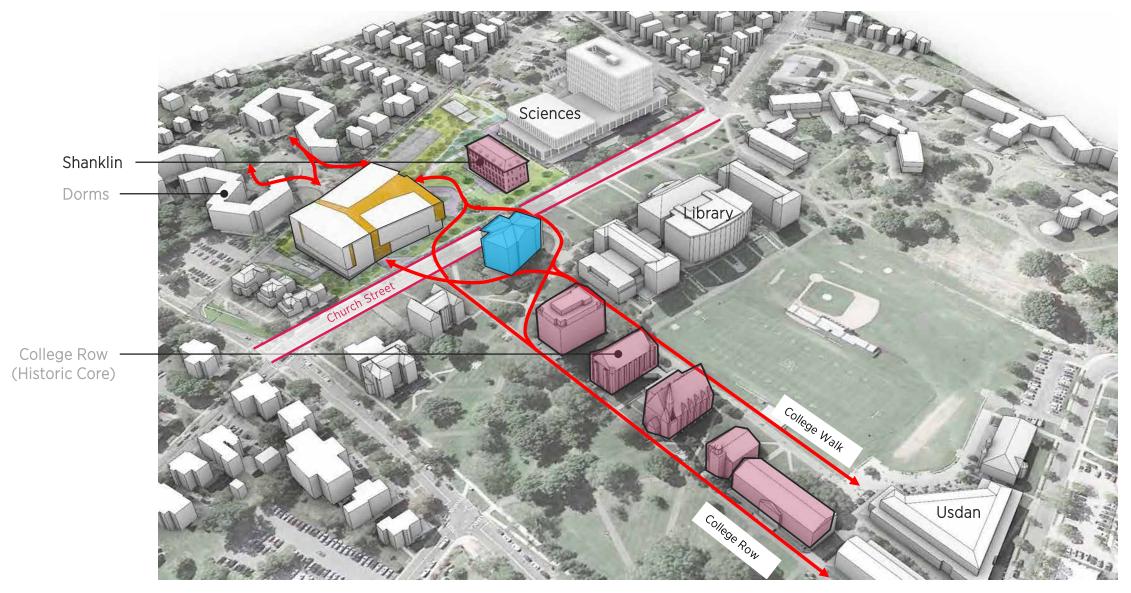


Massing Perimeter | Express the clusters



Site Response | Articulate massing

DESIGN DRIVERS | SITE CONCEPT



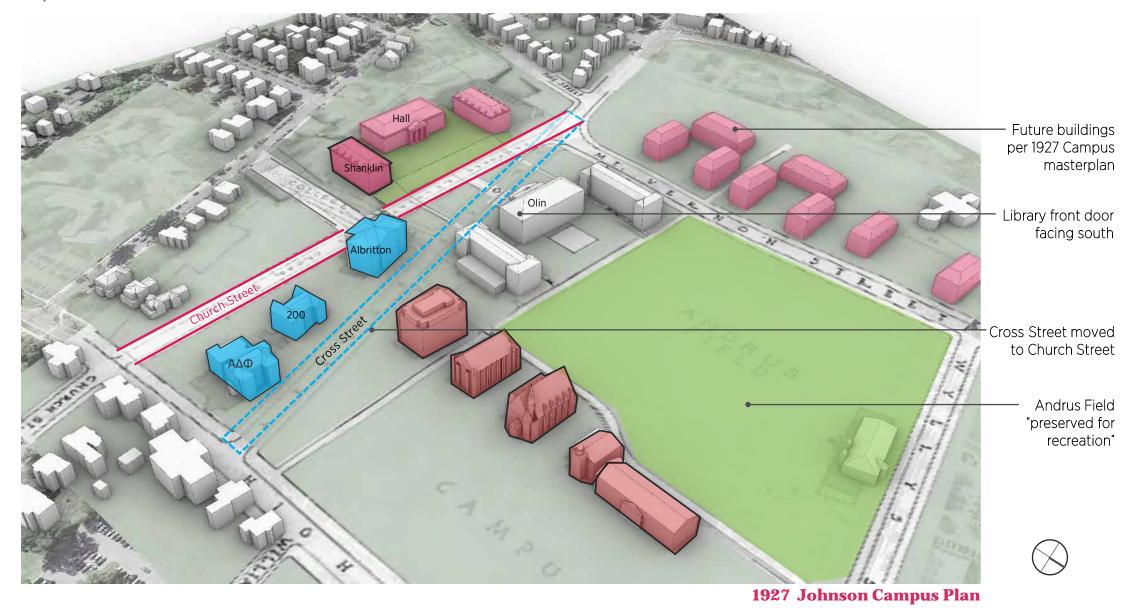
Bridging Church Street | Inviting and Connected to the core campus fabric



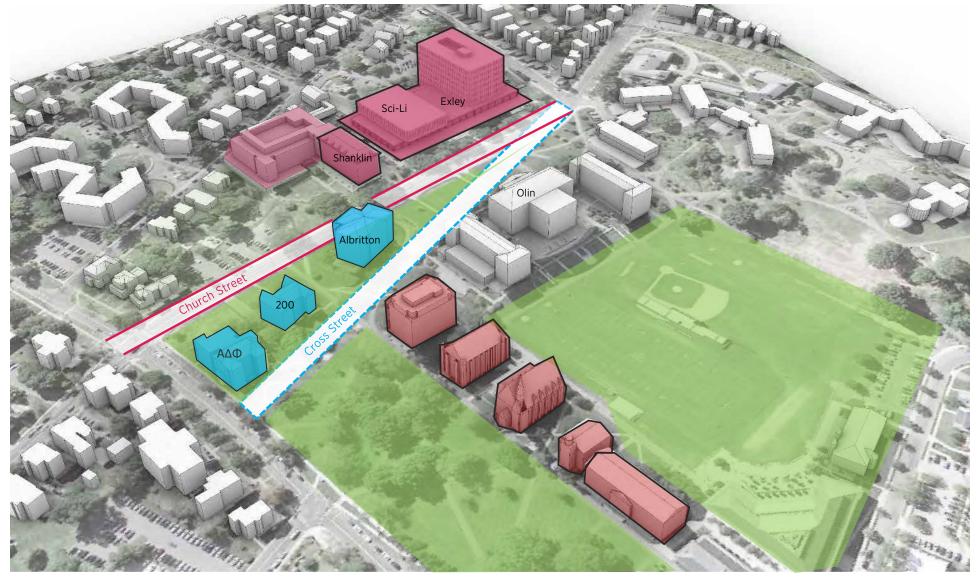
1913 Henry Bacon Campus Plan

1913 Campus Plan: Internal Campus Quad

DESIGN DRIVERS | SITE HISTORY

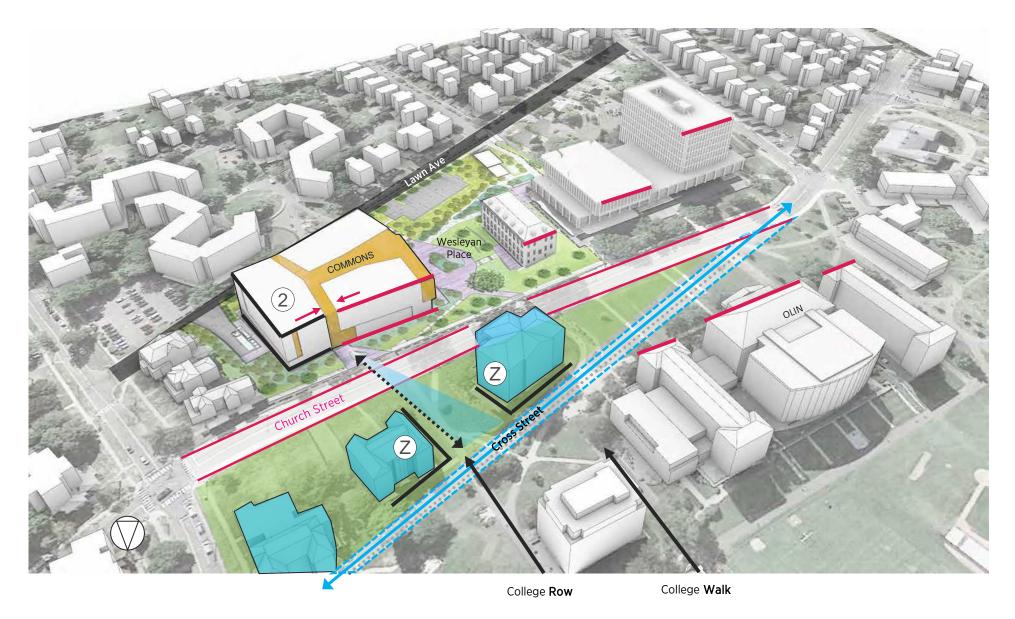


1927 Masterplan Shift: Move (across) Church St



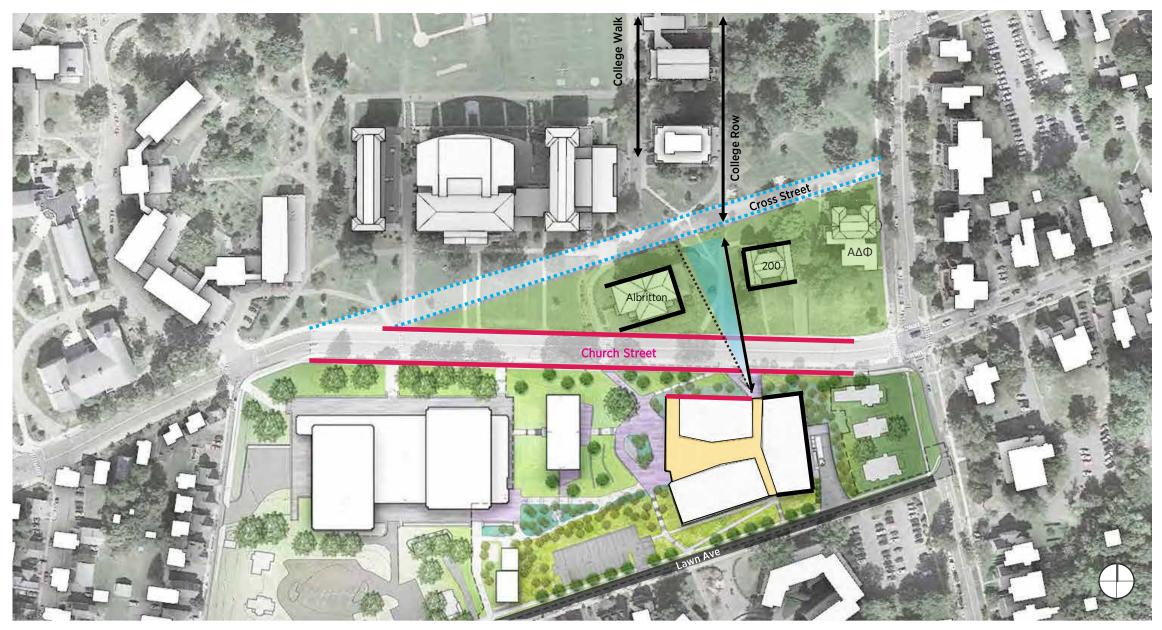


Big Science / Olin Axis : College Row left behind





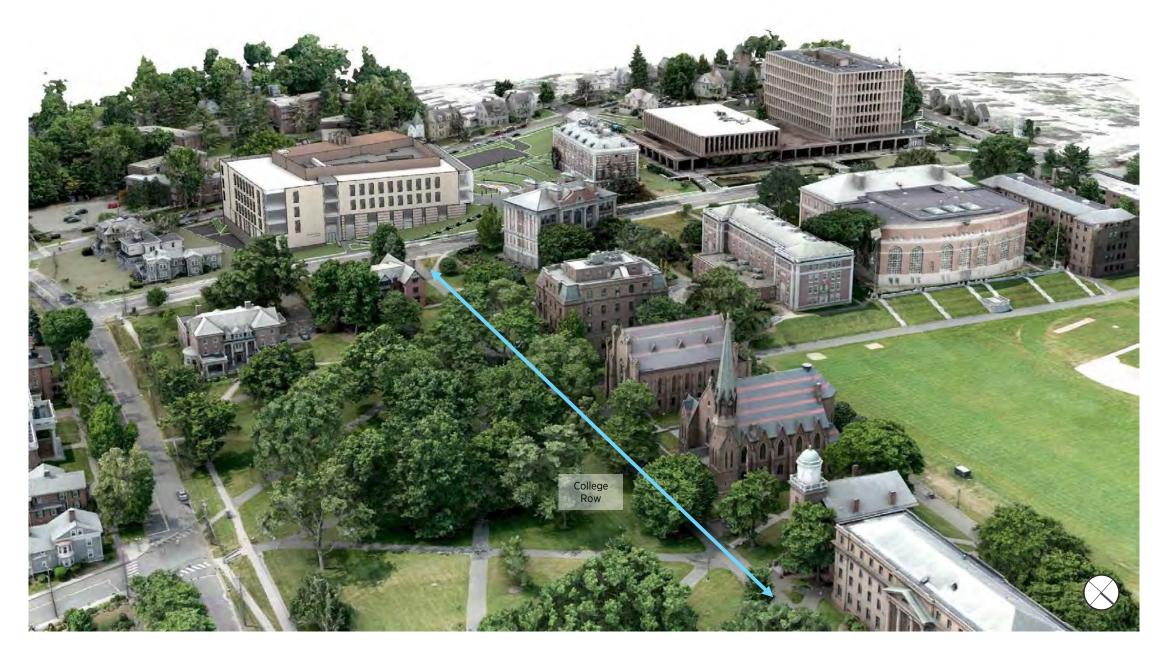
Imprint of Cross Street | Science massing resposne



Imprint of Cross Street | Science massing resposne



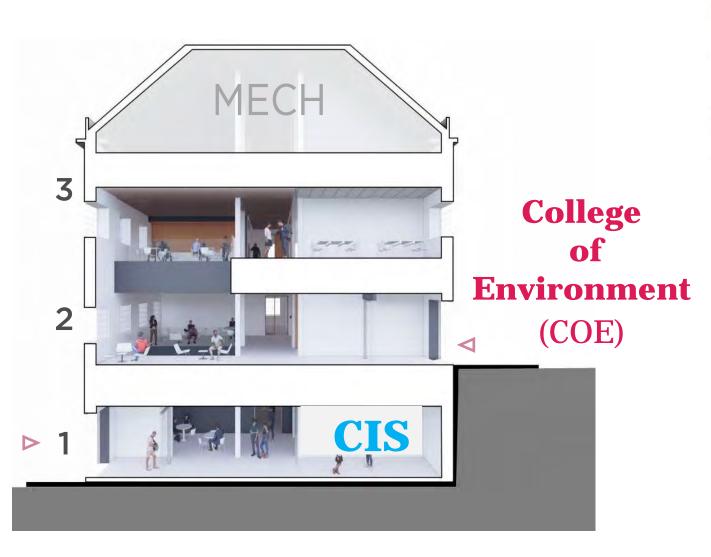
Connected to campus fabric| Wesleyan Place & Exley



Connected to campus fabric | Wesleyan Place & Exley



Connected to campus fabric | Wesleyan Place & Exley







COE

CIS + meeting

Shanklin | Interdisciplinary Science Program | COE (+CIS)

Exterior Views



Approach From Exley | LAST TIME



Approach From Exley | Shanklin & Wesleyan Place



From Shanklin front door | LAST TIME



From Shanklin | Wesleyan Place





Cambridge Public Library



Harvard Business School

Precedent examples of glass wall (not our project)

Double Skin Facade : High performance window to science

Precedent examples of glass wall (not our project)



High tech window to science



Insulation in winter / heat vent in summer



Integrated sun shading



Hyper transparency

Double Skin Facade: High performance window to science



View from science | Connecting back to campus



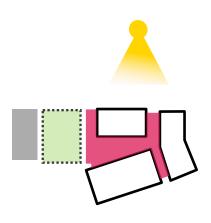
From Campus | LAST TIME



From Campus | Brownstone Base and additional Glazing at North West Corner



From Campus | Dusk view beacon facing Shanklin







From College Row | LAST TIME



From College Row | Texture change on Levels 1 and 2



From College Row | Brownstone Base



From Lawn Ave | Wesleyan Place and campus to the north





PREVIOUS – north east corner



REVISED – north east corner



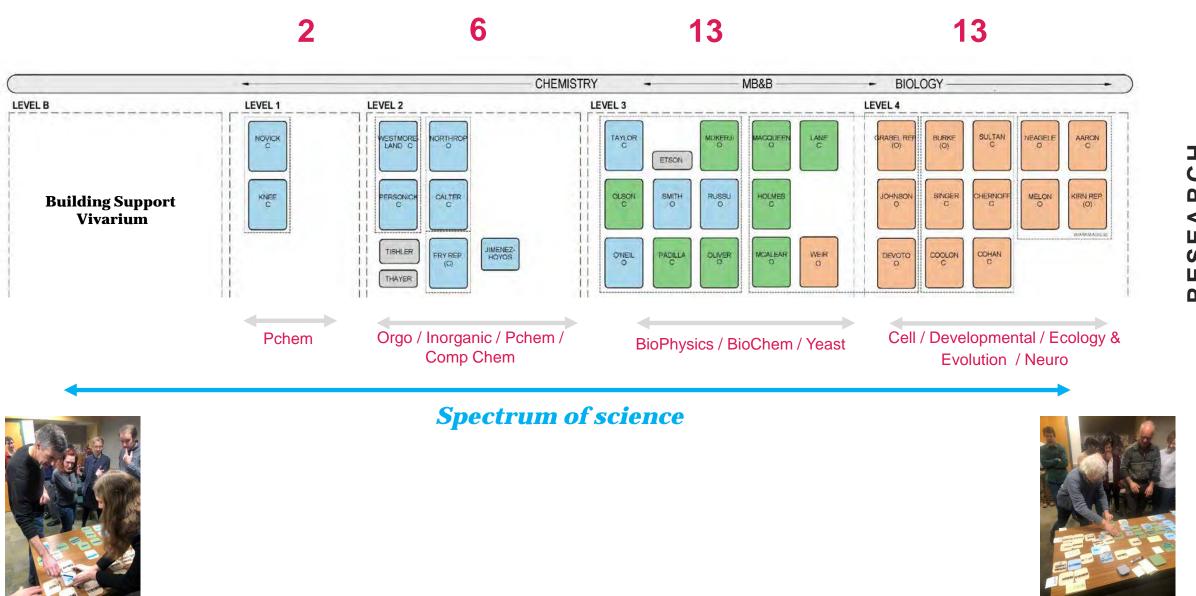
From High Street | View from Middletown

Pricing Update
Equity & Inclusion Outreach
Exterior Progress
Interior Progress





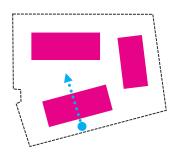


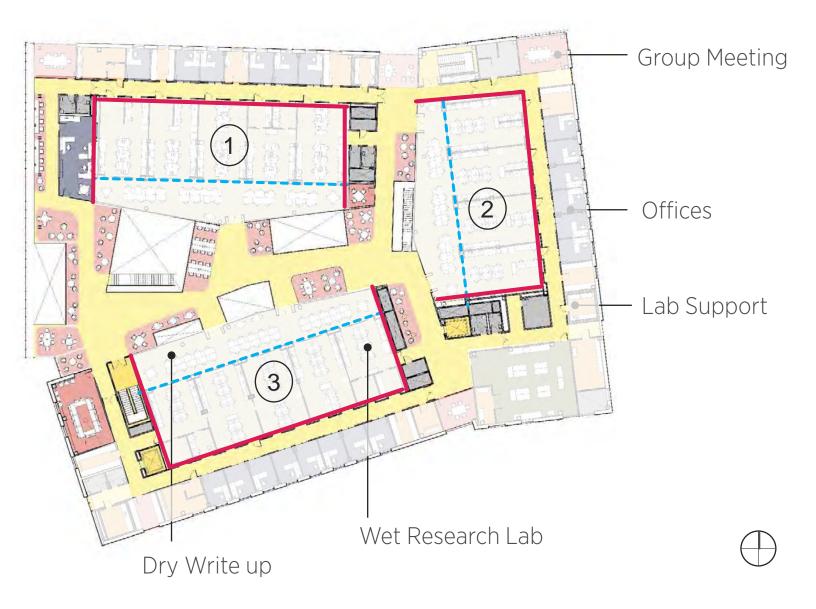


Who goes where (and next to who): Consensus across 36 faculty members!





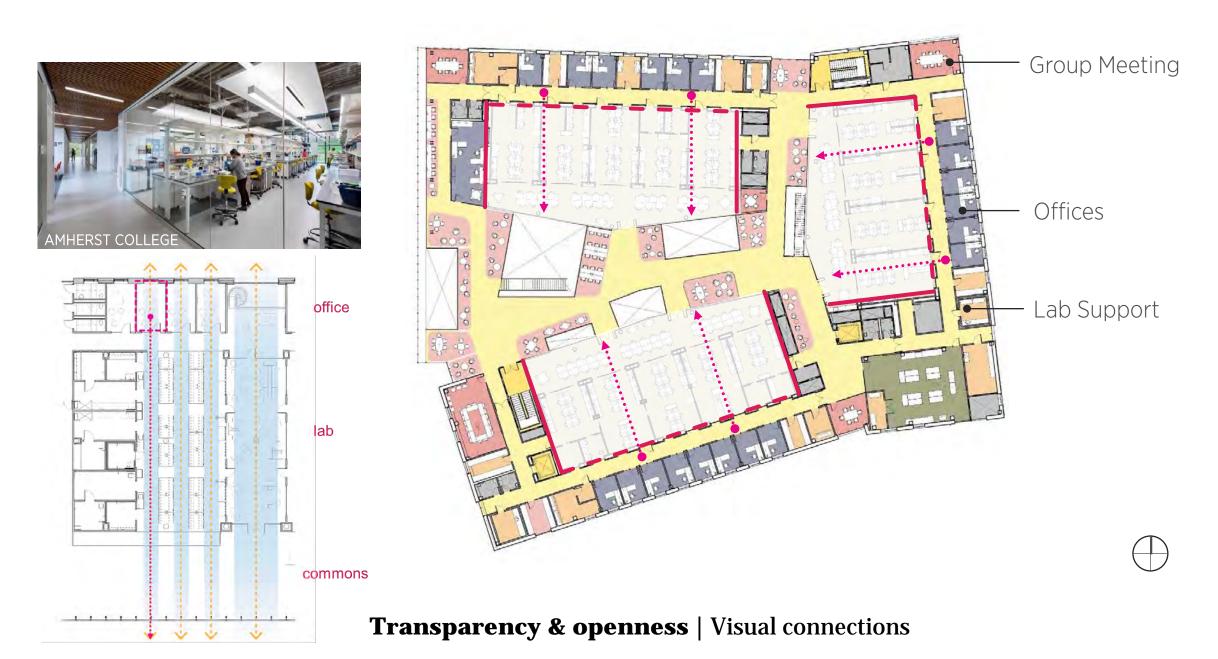




Interior Concept | Neighborhoods and Visual connections



Lab neighborhoods | affinity driven research clusters

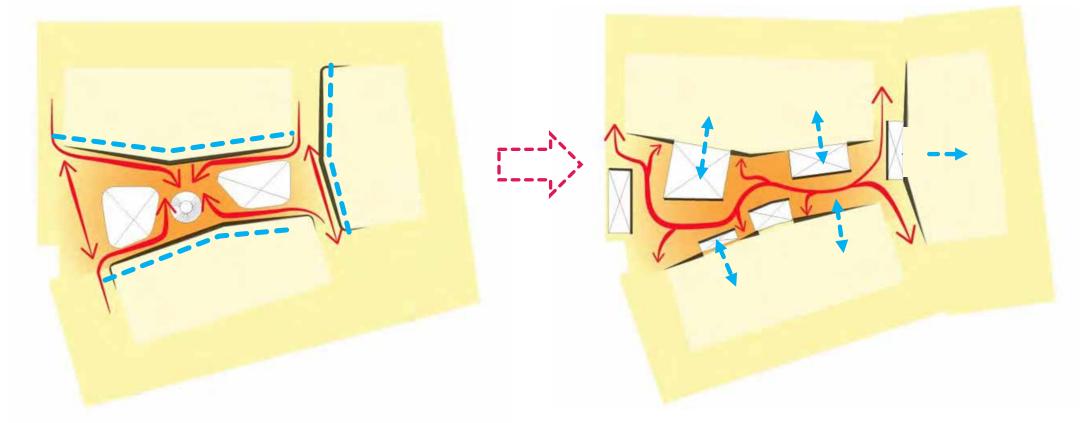


What we heard:

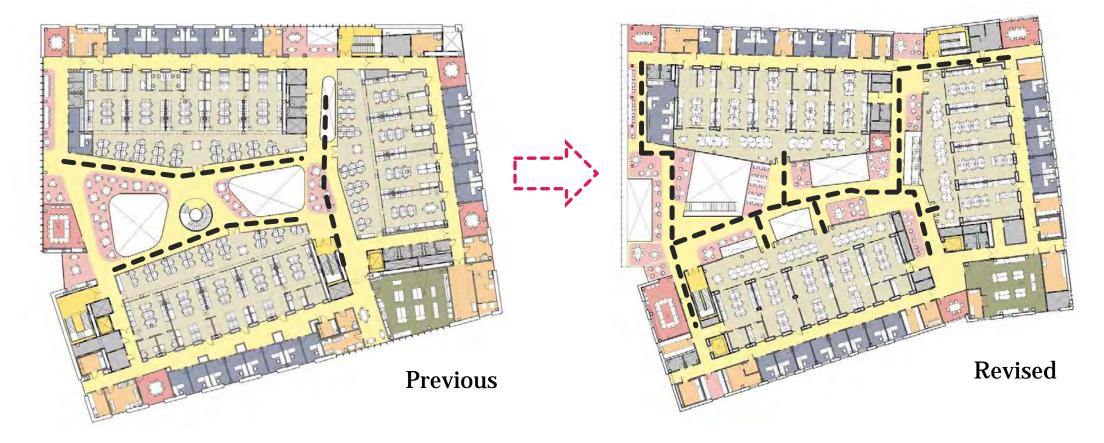
- Too much transparency. Felt exposed and on display
- Singular experience in atrium. Different types of spaces and scales needed "One size does not fit all"

What changed:

 One focal atrium event became a series of more intimate and varied spaces reflecting differences in the three clusters which reflect the site disposition



Transparency & openness | Design Changes



- Circulation at edges Limited privacy for labs
- All glass walls
- Holes only in middle
- Singular experience in atrium

- Circulation in middle increased privacy for labs
- Glass & Solid walls
- Variety of holes at edges express clusters
- Varied experience in atrium

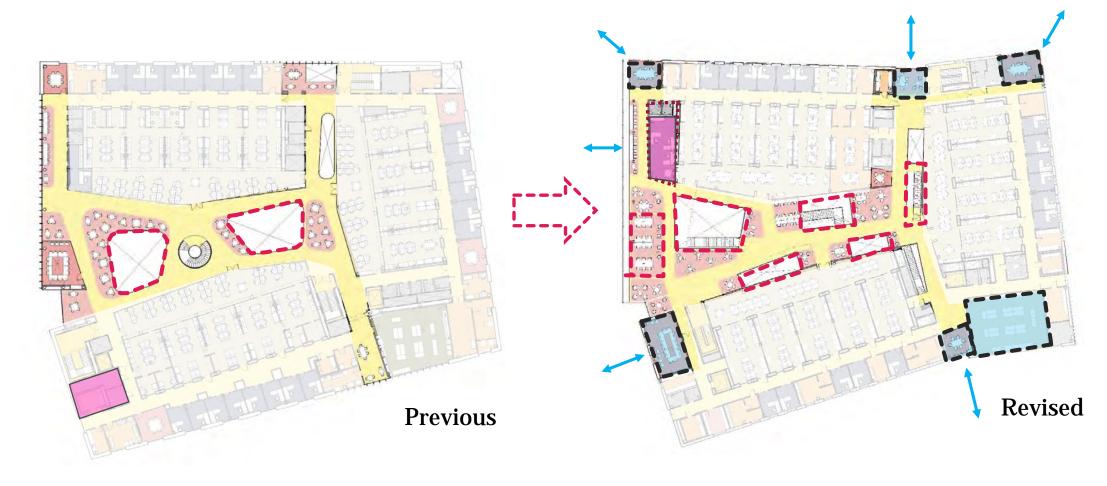
Transparency & openness | Design Evolution

BUILDING ORGANIZATION | UPPER FLOOR COMMONS



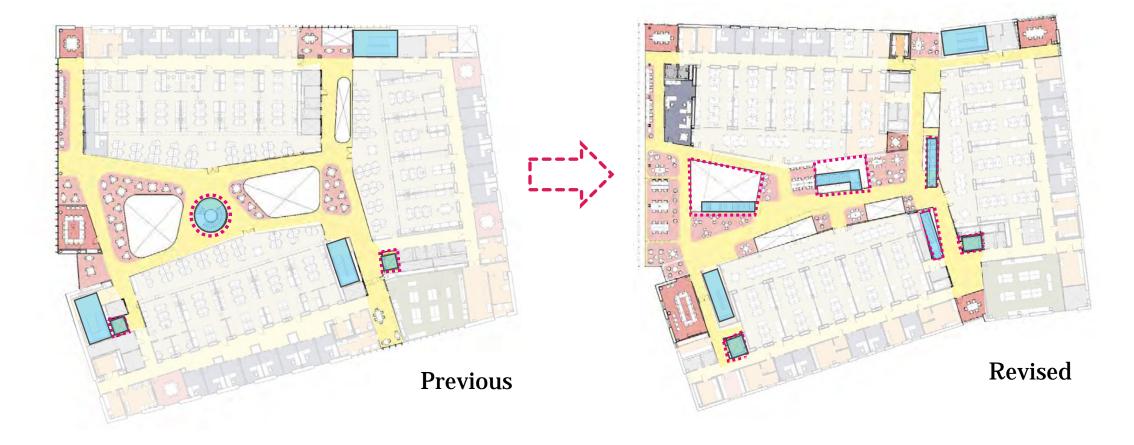
BUILDING ORGANIZATION | UPPER FLOOR COMMONS





Use the benefits of one collective central space as a way finding tool. Accommodate feedback from EDI work sessions, by providing a range of experiences and with scaled down the openings & spaces in lieu of single centralized experience. Department head house moved to prime visible location as gateway for faculty access.

Central Atrium and Way-Finding | Design Evolution



Decentralized circulation sequence. Dispersed network of stairs and elevators for seamless and more equitable circulation in lieu of a "main" path and remote elevators. The **multiple and paths approach** with minimized differentiation b/w accessible & non accessible routes **accommodate different needs** & respond to universal design principles of reduction in highlighting accessible routes as other*.



Interior Concept | Level 3 view toward east



Interior Concept | Level 3 view toward west



Interior Concept | Level 3 view north along west façade



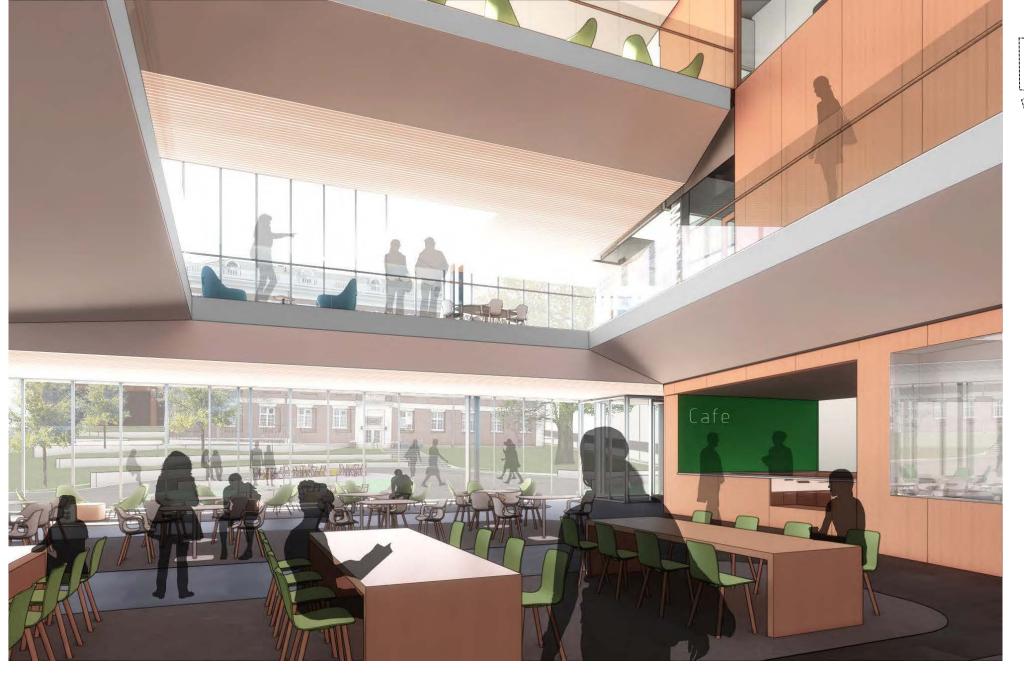
Interior Concept | Level 3 view onto Wesleyan place



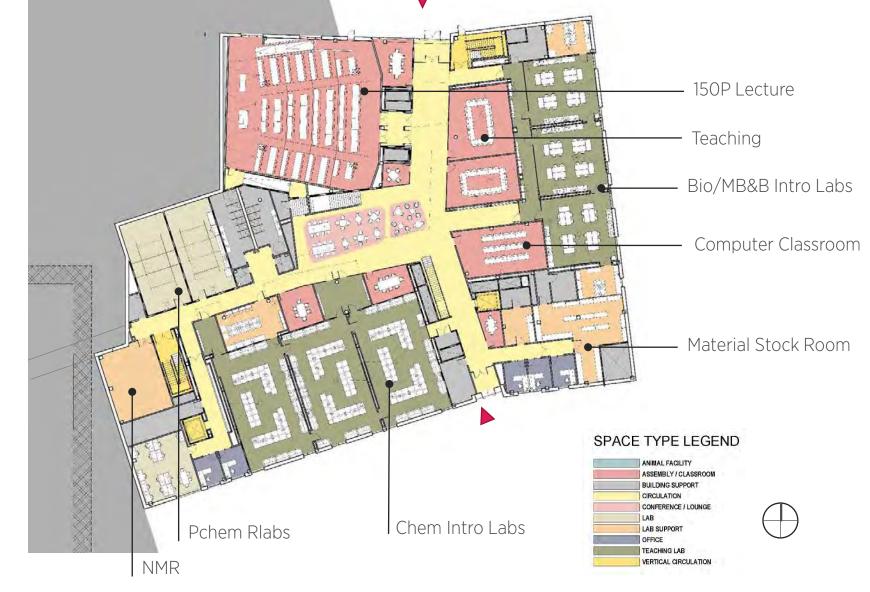
Interior Concept | Level 4 view toward Shanklin



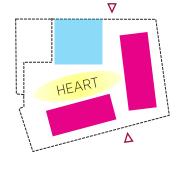
Level 2 | Lobby, Classrooms & Research



Interior Concept | Level 2 view toward Wesleyan Place



Level 1 | Teaching Labs and Classrooms



L1 Floor Key Plan



Interior Concept | Level 1 Student Commons

Project Goals

- 1. Provide flexible & cross disciplinary spaces for Life Science research & teaching
- 2. Embrace Wesleyan's unique character robust research & teaching in a Liberal Arts setting
- 3. Showcase inviting & accessible campus connections across the science precinct and to campus
- 4. Restore Shanklin for COE as a vibrant cross disciplinary hub
- 5. Ensure financial and resource prudence high performance & on budget
- 6. Embrace Equity & Inclusion in planning, process and outcomes

