



LEHIGH

UNIVERSITY.

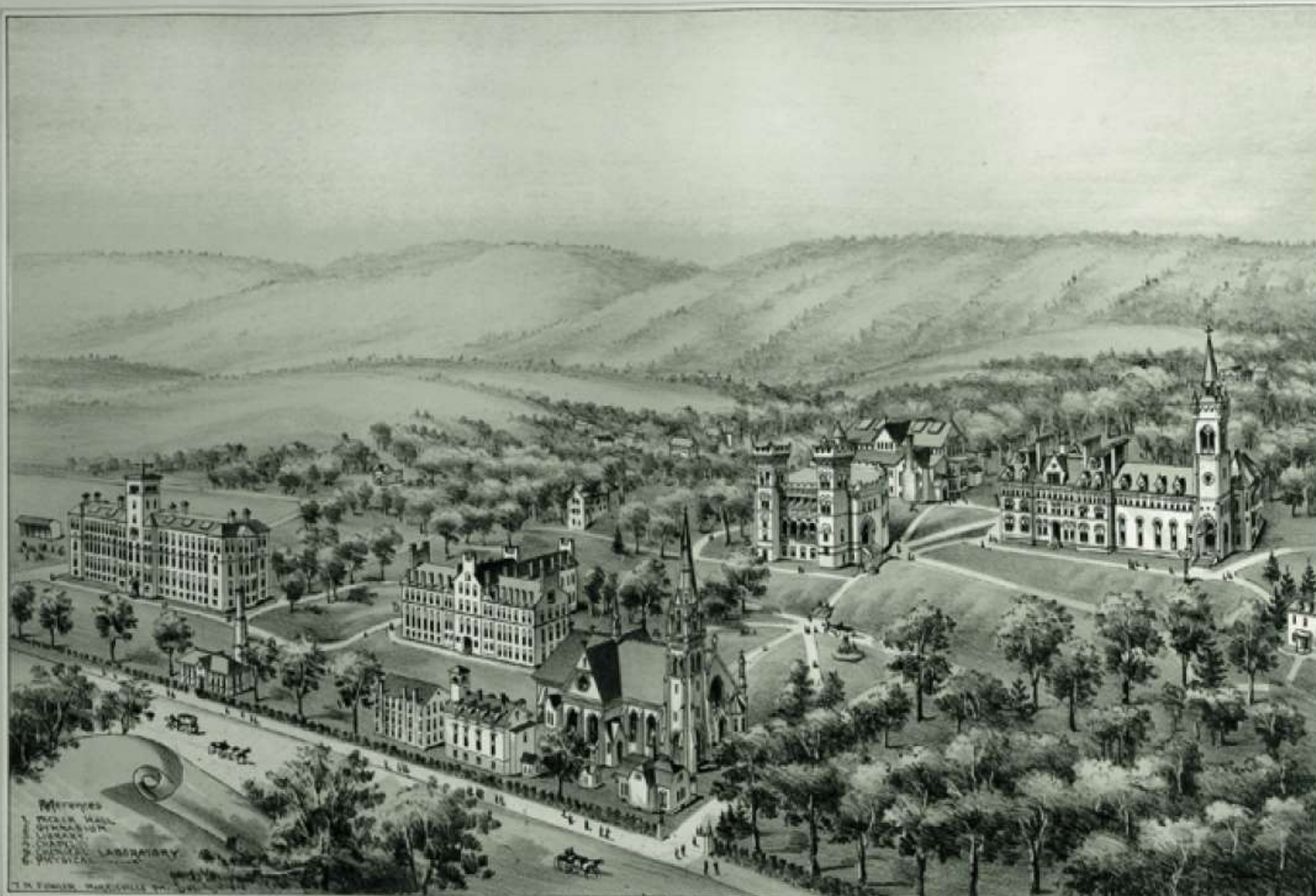
CAMPUS PLANNING & PROJECTS

Campus Planning

Julia Parker

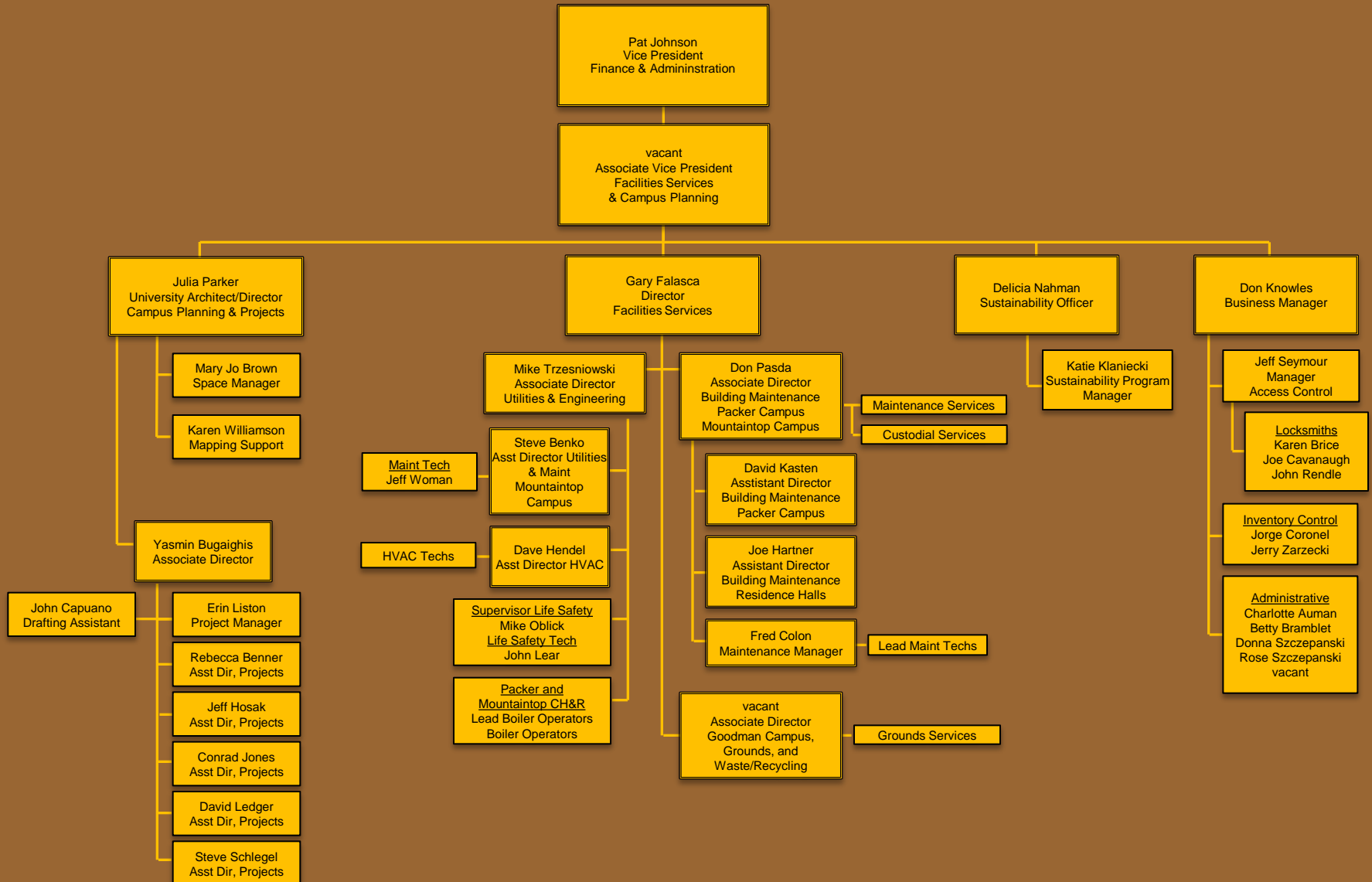
University Architect, Director of Planning and Projects

ERAC March 25, 2015



LEHIGH UNIVERSITY,
SOUTH BETHLEHEM PA.

Functional Organization



Facilities Services

- Facilities Operation and Maintenance
- Major Repair Projects (Roofs, HVAC systems, envelope, etc.)
- Custodial Services
- Utilities Services (electric, steam, chilled water, etc.)
- Waste Management and Recycling
- Grounds Maintenance, Landscape and Tree Services
- Snow and Ice Removal
- Access Control and Locksmith functions



Campus Planning & Projects

- Master Planning
- Space Management
- Facilities Information Management
- Renovations
- New Construction
- Project Management
- Architectural Review and Landscape Planning
- Standards and Guidelines

Sustainability & Business Office

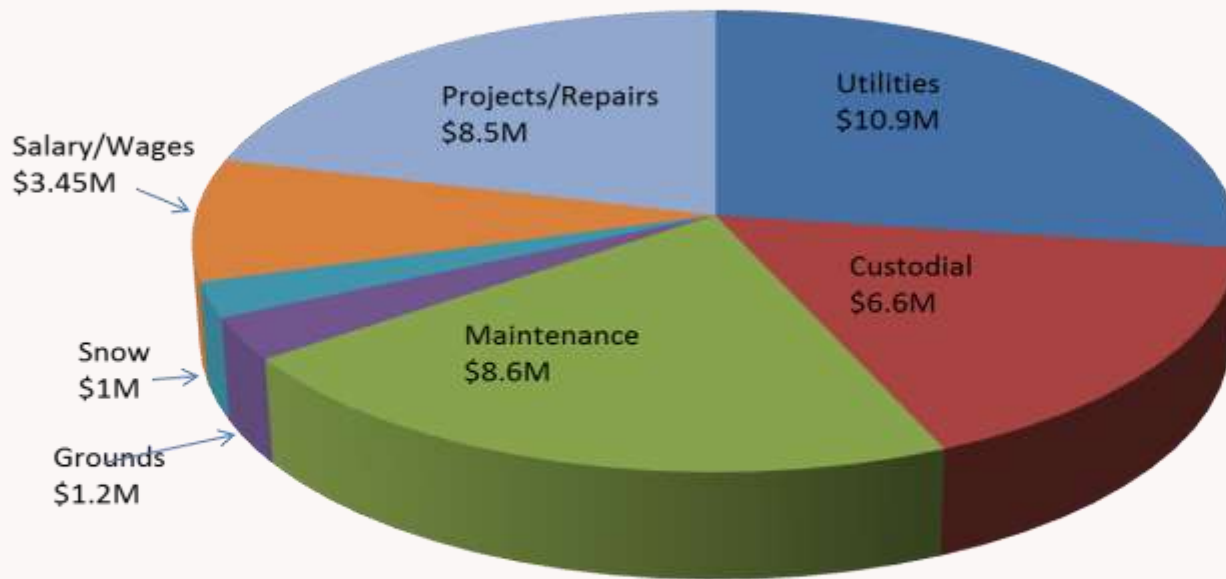
Sustainability

- Sustainability Master Plan
- Environmental Initiative, Green Fund, Sustainability Tour, Sustainable Office Program, Greek House Sustainability
- Earth Day, Eco Reps, Energy Conservation, Green House, RecycleMania, SustainabLEHIGH
- Bethlehem Farmer's Market, South Side Initiative, South Side Sale, Community Gardens

Business Office

- Access Control, Campus Locksmith
- Storage, Warehouse & Inventory
- Work Order System
- Administrative Support
- Budget Tracking, Invoice Processing

FSCP Annual Budget



Total \$40.25M

Note: does not include Department or Capital Projects

■ Founded 1865

- Asa Packer; industrial pioneer, entrepreneur and philanthropist

■ Campus Population

- 4,904 Undergraduate Students
- 2,165 Graduate Students
- 681 Faculty Members
- 1,196 Staff Members



■ 4 Campuses

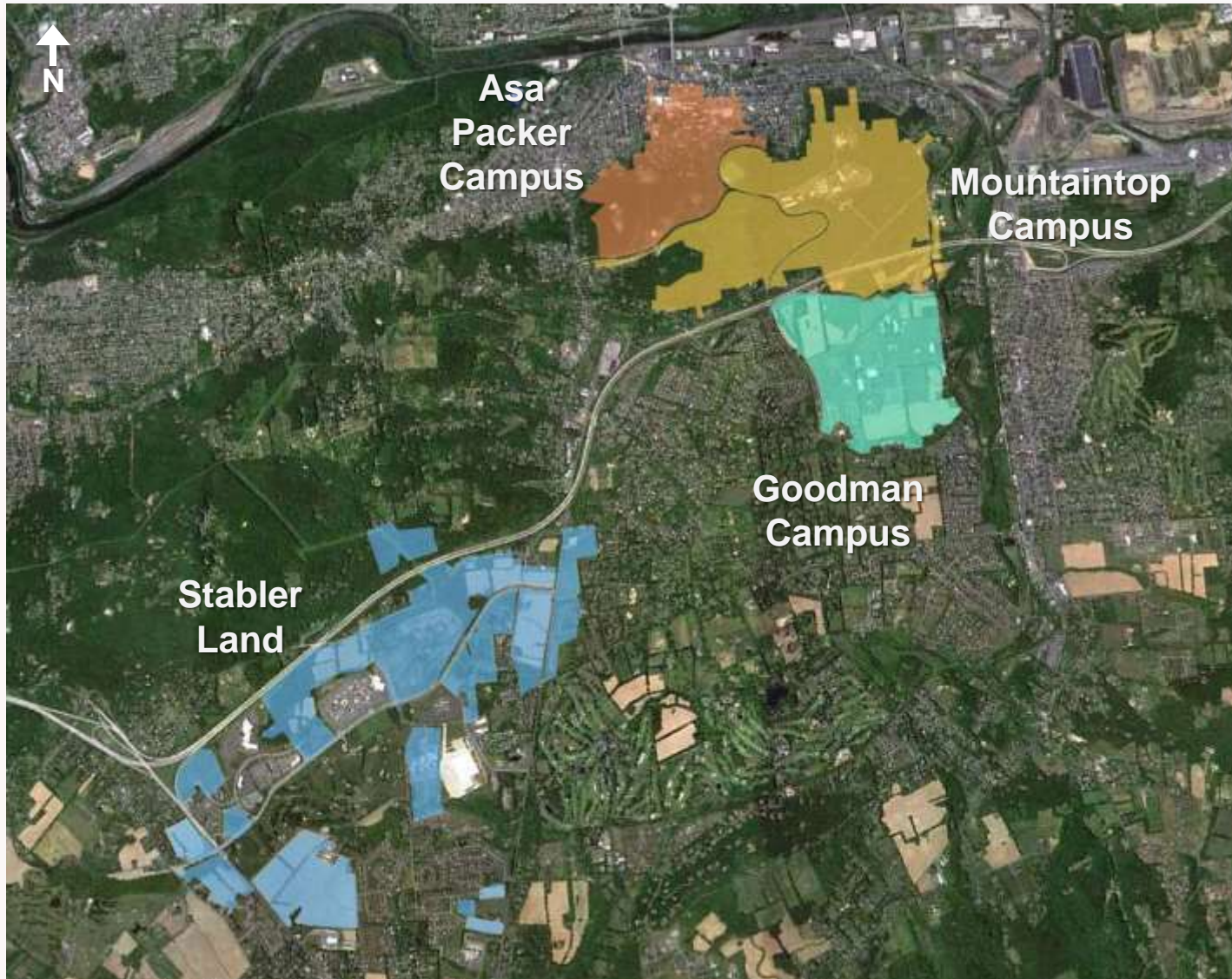
- 2,355 acres

■ 164 Buildings

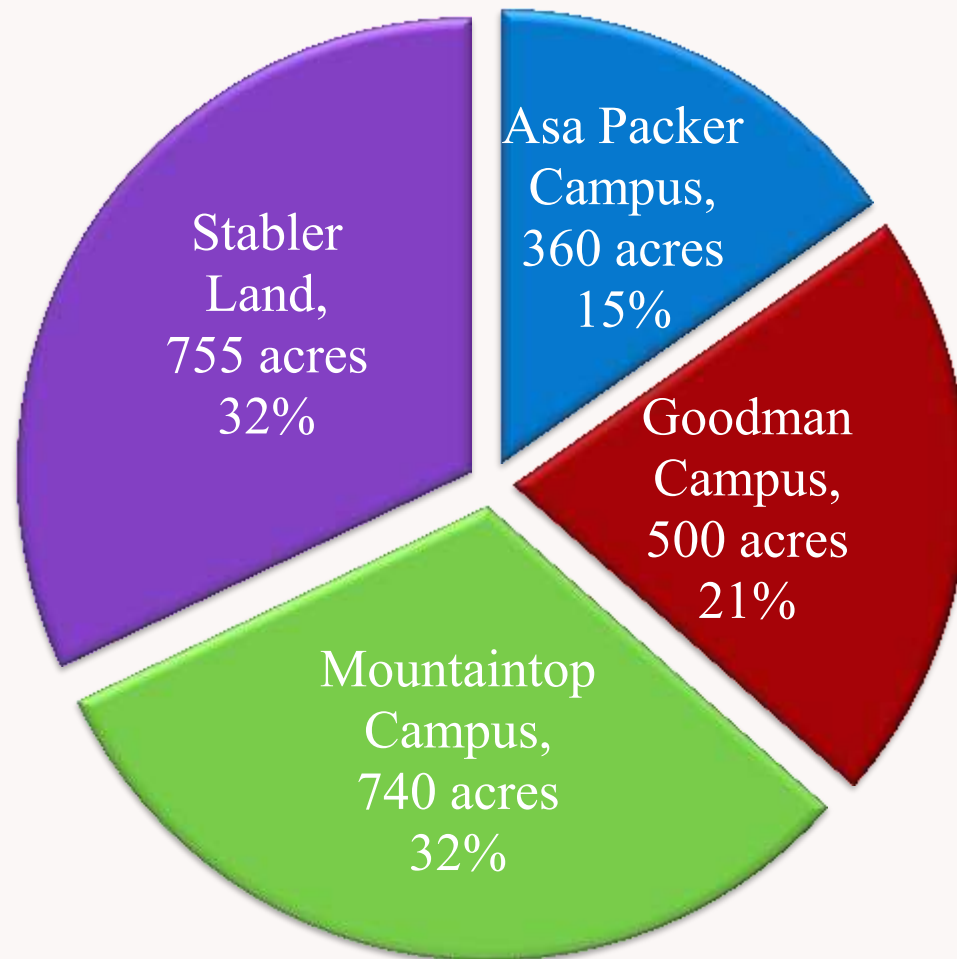
- 4,565,164 GSF – 2,526,097 NASF
- 29 Academic
- 23 Administrative
- 28 Student Support
- 40 Residence Halls
- 16 Fraternity Houses
- 8 Sorority Houses
- 5 Real Estate Properties
- 6 Vacant Buildings



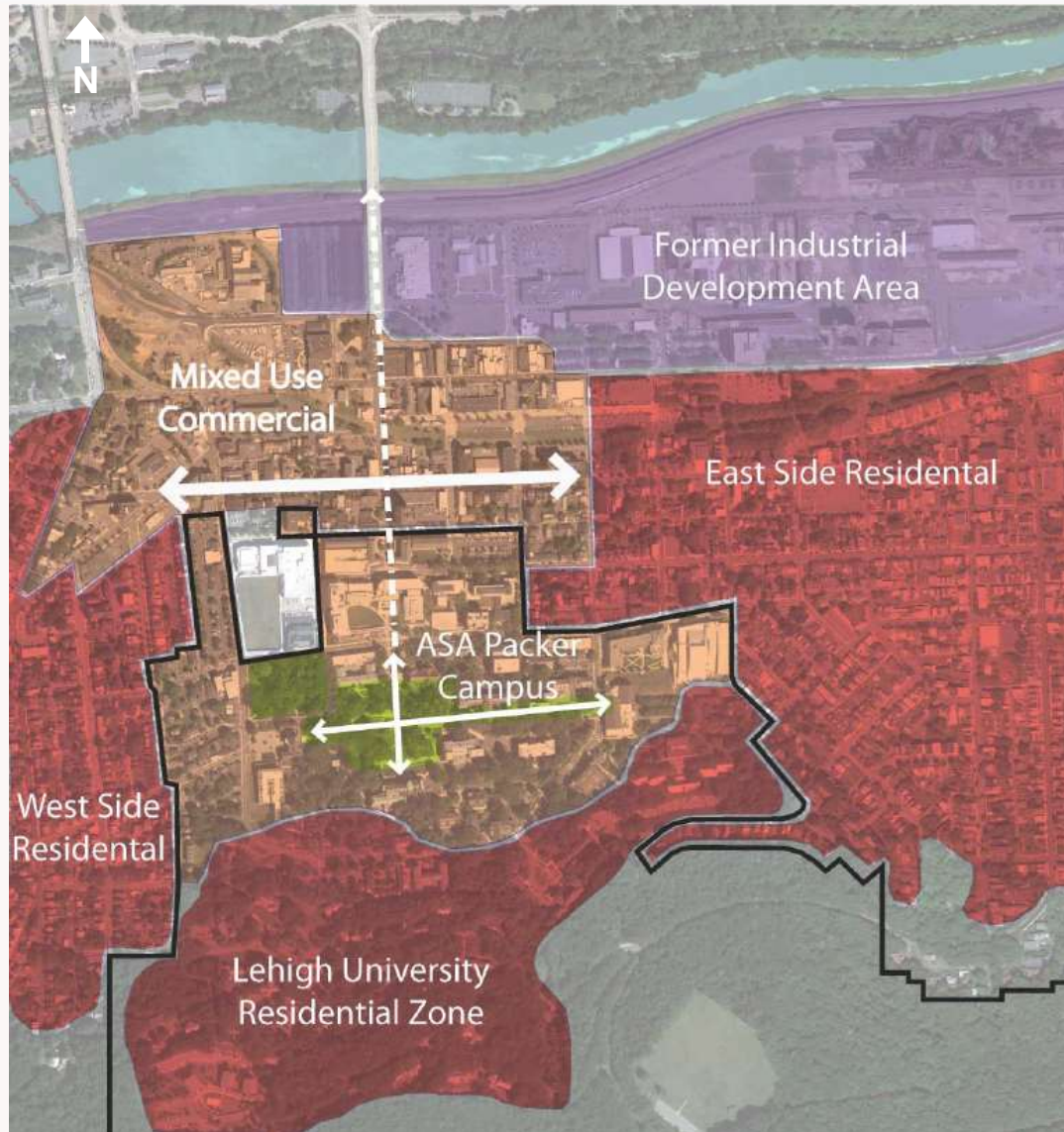
Campuses



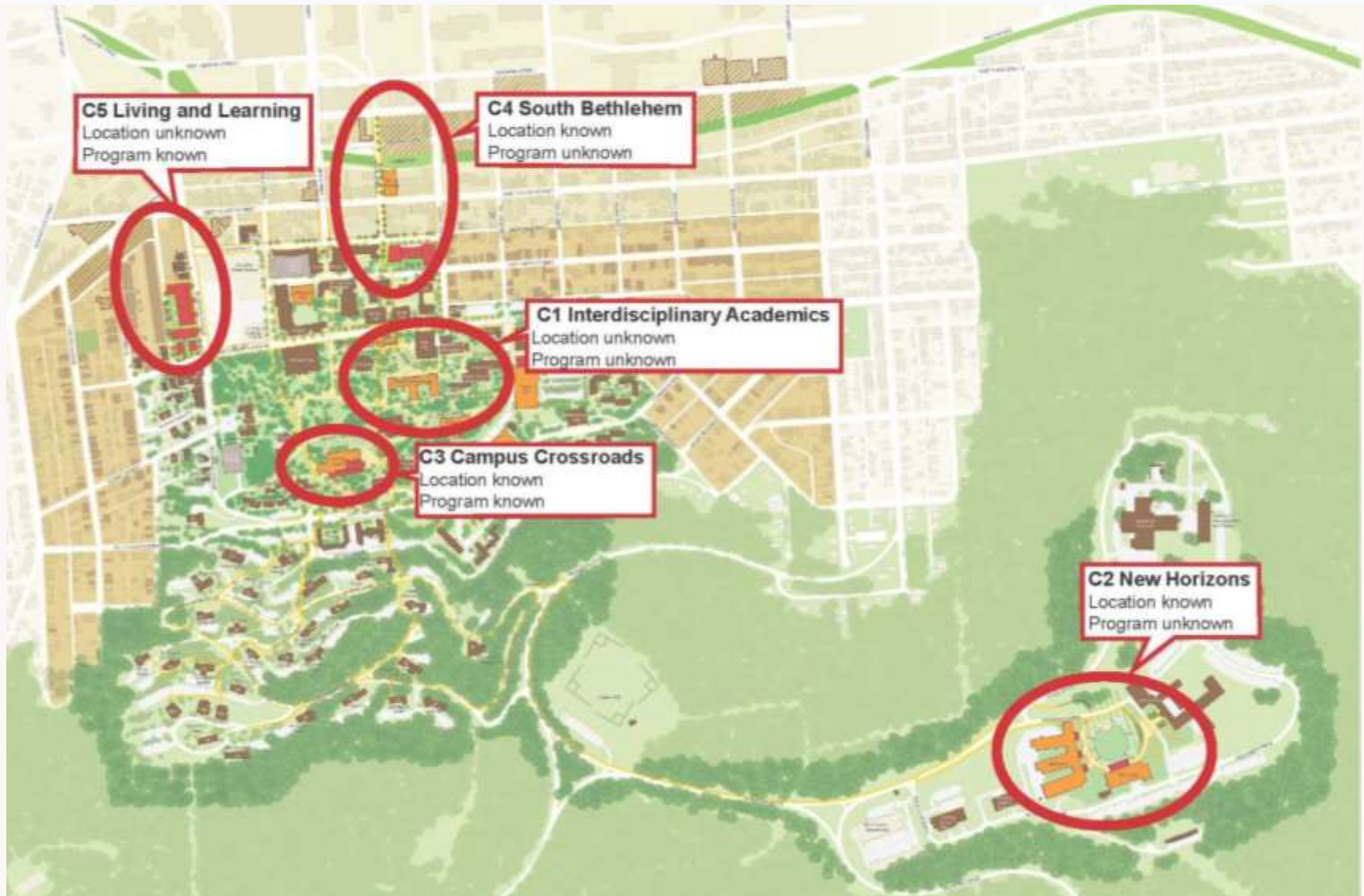
Campus Division



South Bethlehem Context Map

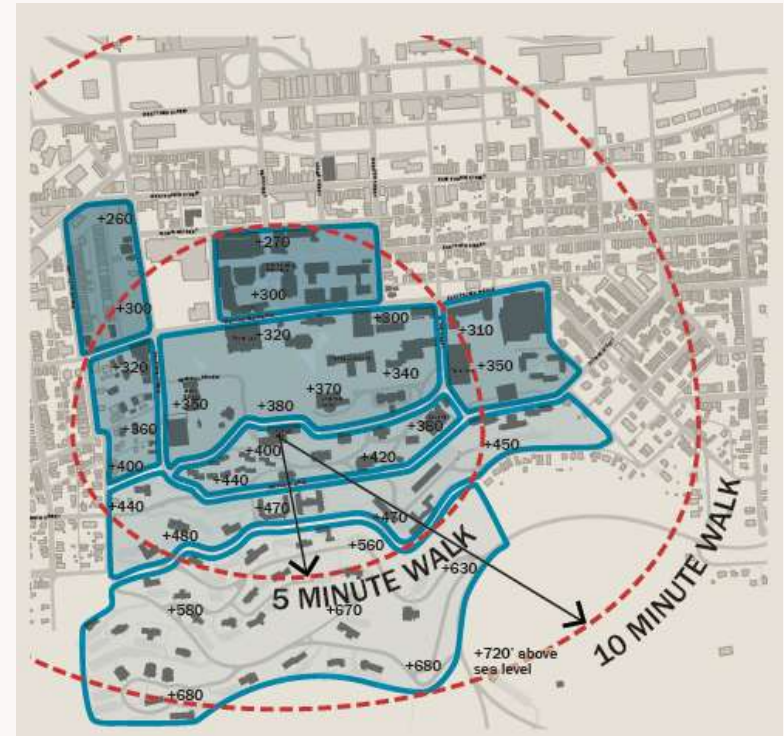


Catalysts

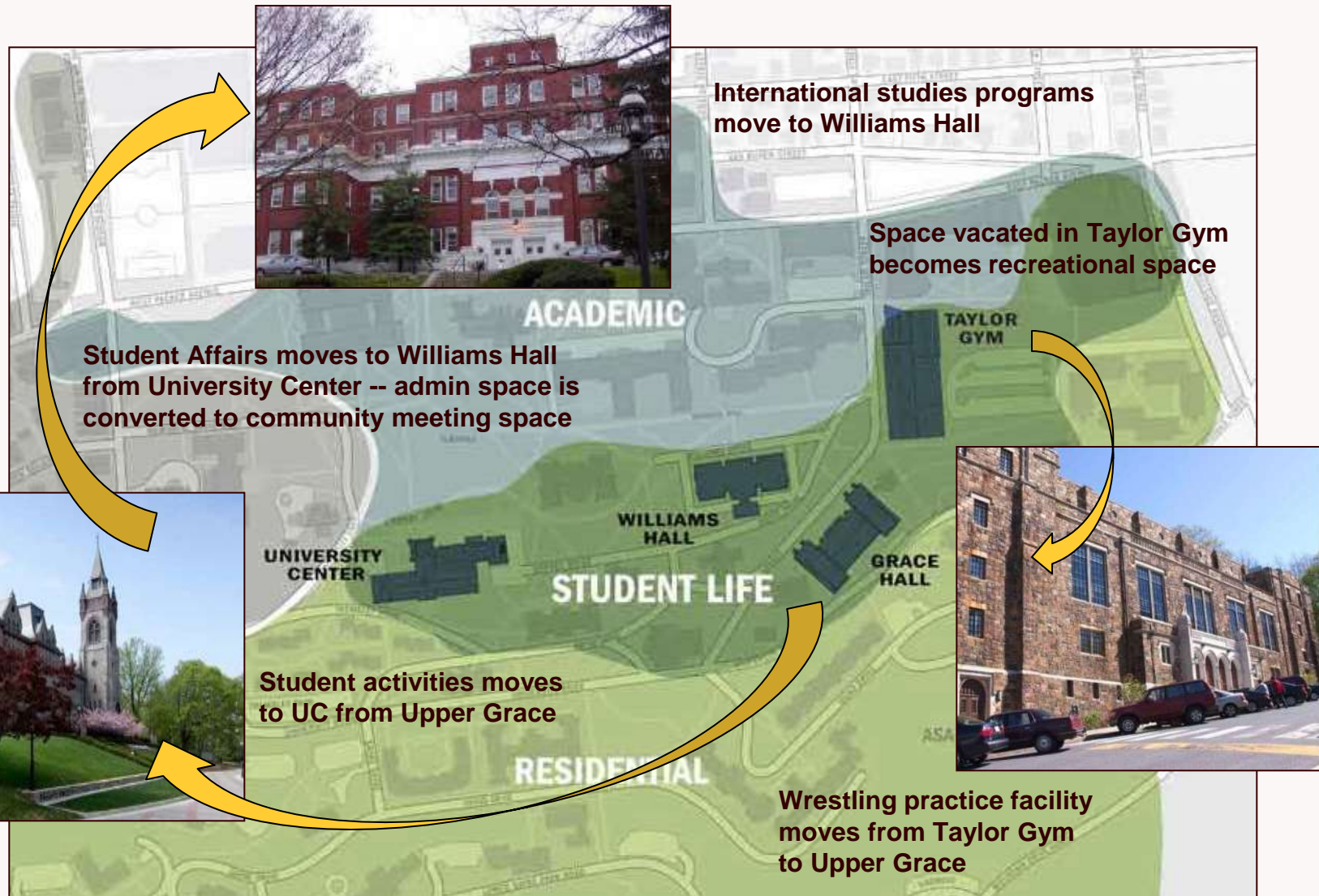


Guiding Principles

- Preserve Lehigh's exceptional architectural character and park-like setting.
- Make optimal use of existing resources.
- Create space to foster campus community and interdisciplinary interaction
- Improve research space.
- Build in an environmentally sustainable manner
- Integrate the campus and South Bethlehem
- Improve access and walkability



Campus Changes



Current Projects

- Williams Hall
- University Center
- Advancement – 125 Goodman
- Police Station
- Mountaintop Buildings B& C
- Athletic Fields
- Cundey Varsity House
- Iacocca Hall Lobby Cafe
- Service Building
- Lighting Study
- Southside Bethlehem
- LU Properties, LLC

Williams Hall



Williams Hall

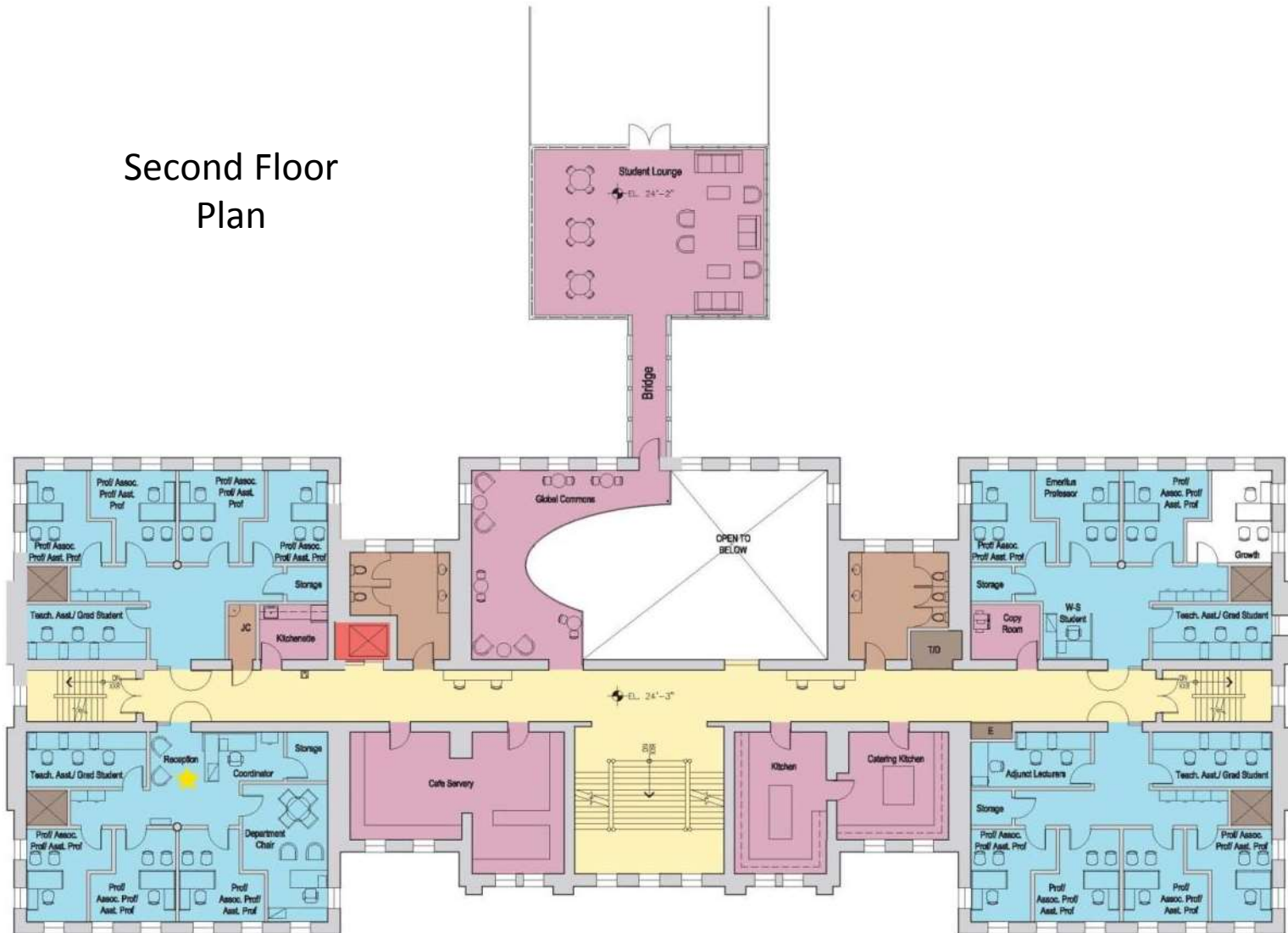


Williams Hall



Williams Hall

Second Floor Plan



Williams Hall



Williams Hall



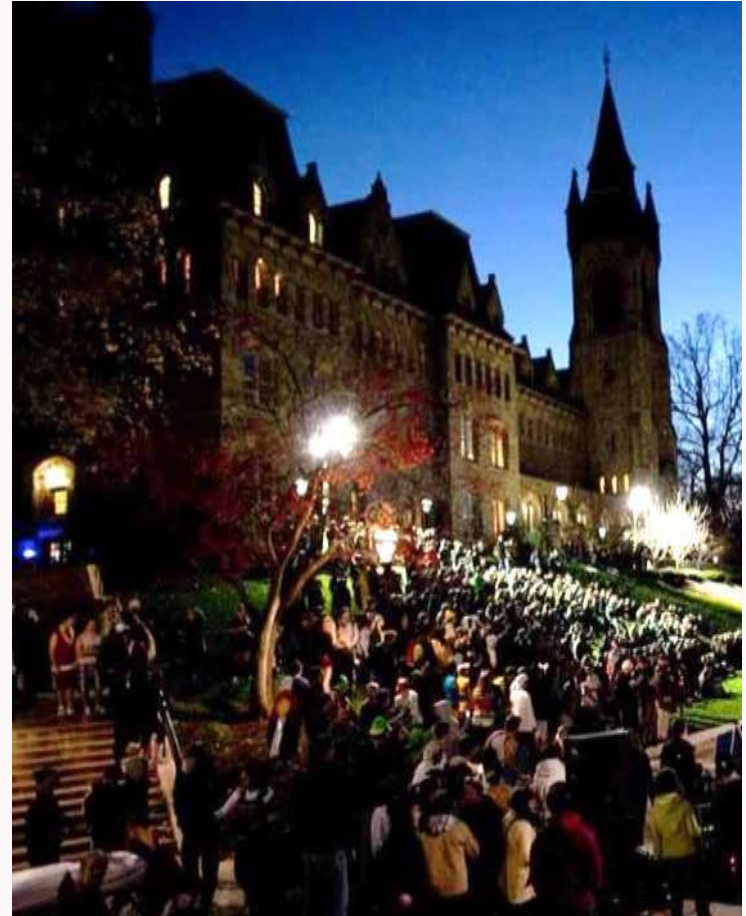
Williams Hall



University Center

GUIDING PRINCIPLES

- Campus Crossroads
- Iconic Image
- Accessible, Inviting, Welcoming
- Extended Hours
- Flexible in Function
- Educational / Learning Laboratory
- Promote Wellness
- Sustainability



University Center

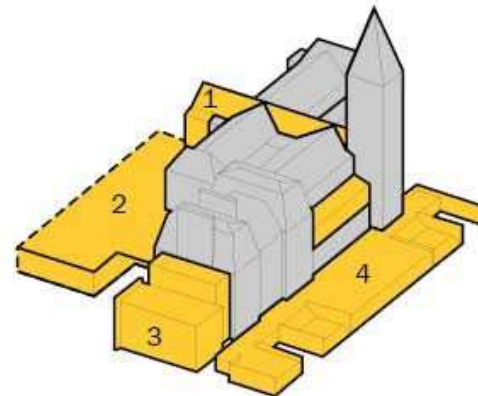
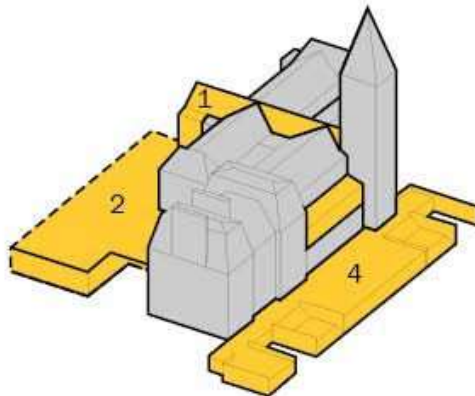
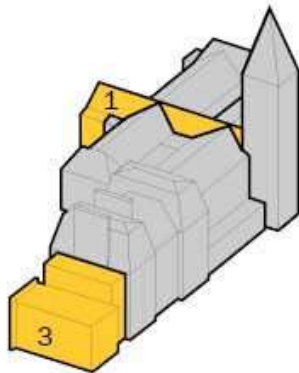
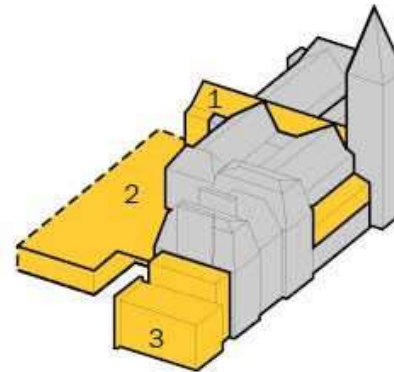
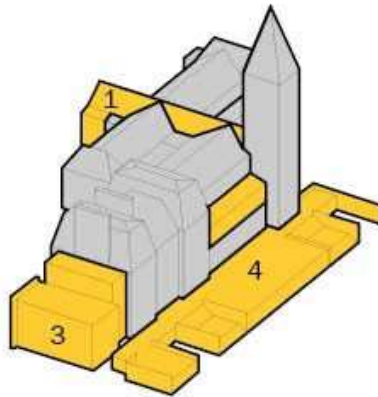
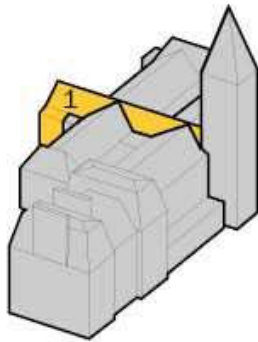
**Lehigh University
University Center**

Concept Design



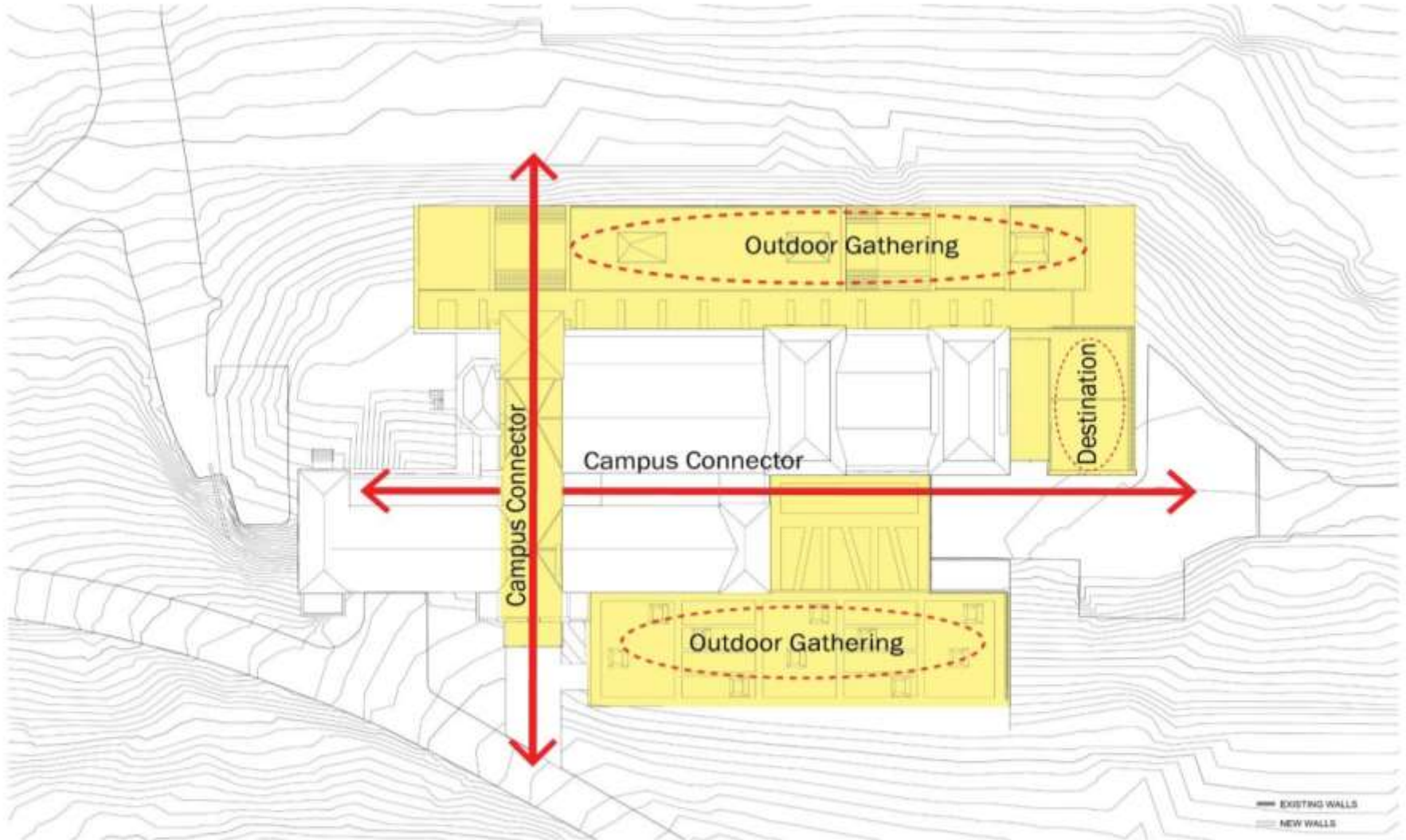
University Center

EXPANSION OPTIONS



University Center

PROPOSAL ORGANIZATION



University Center

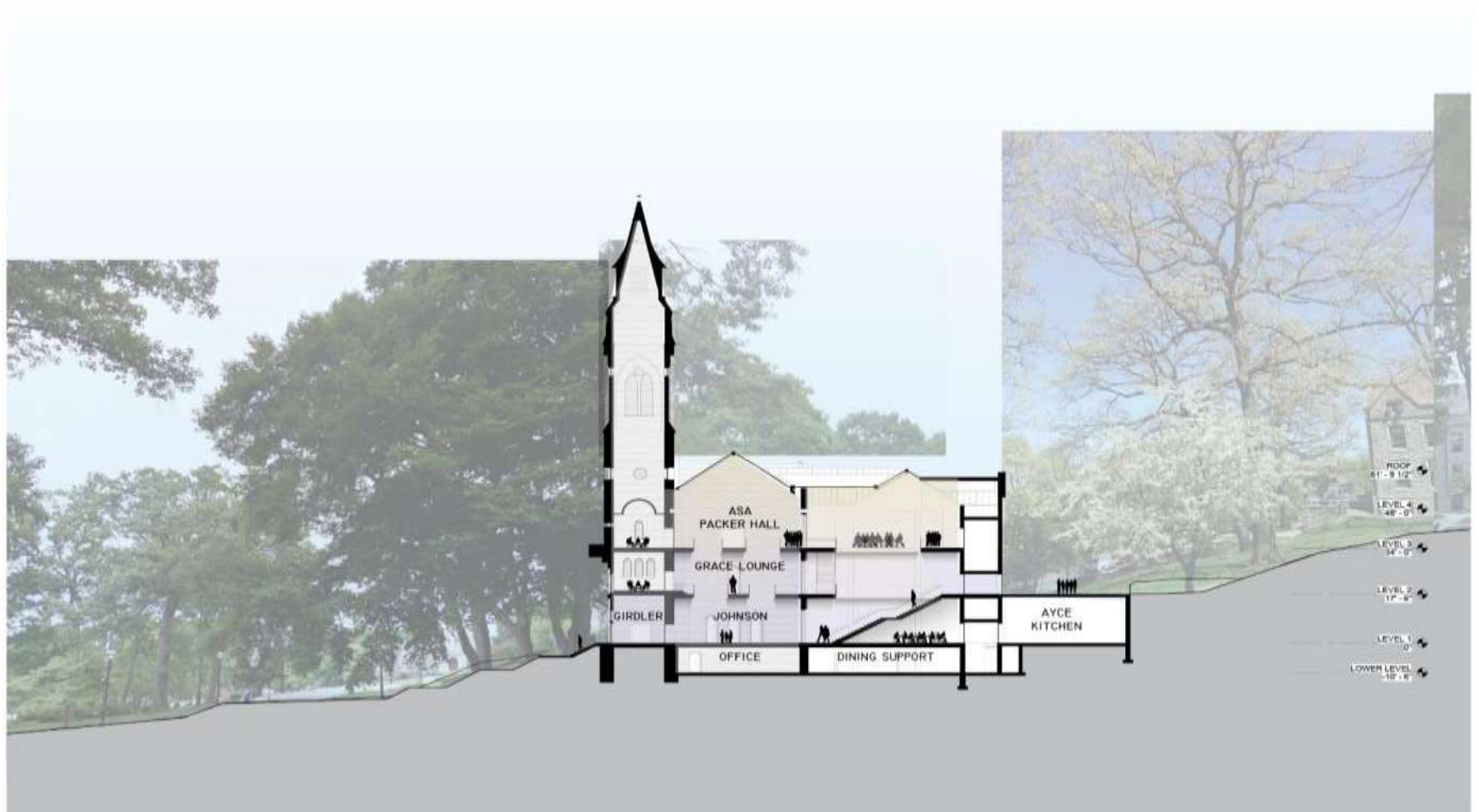


University Center



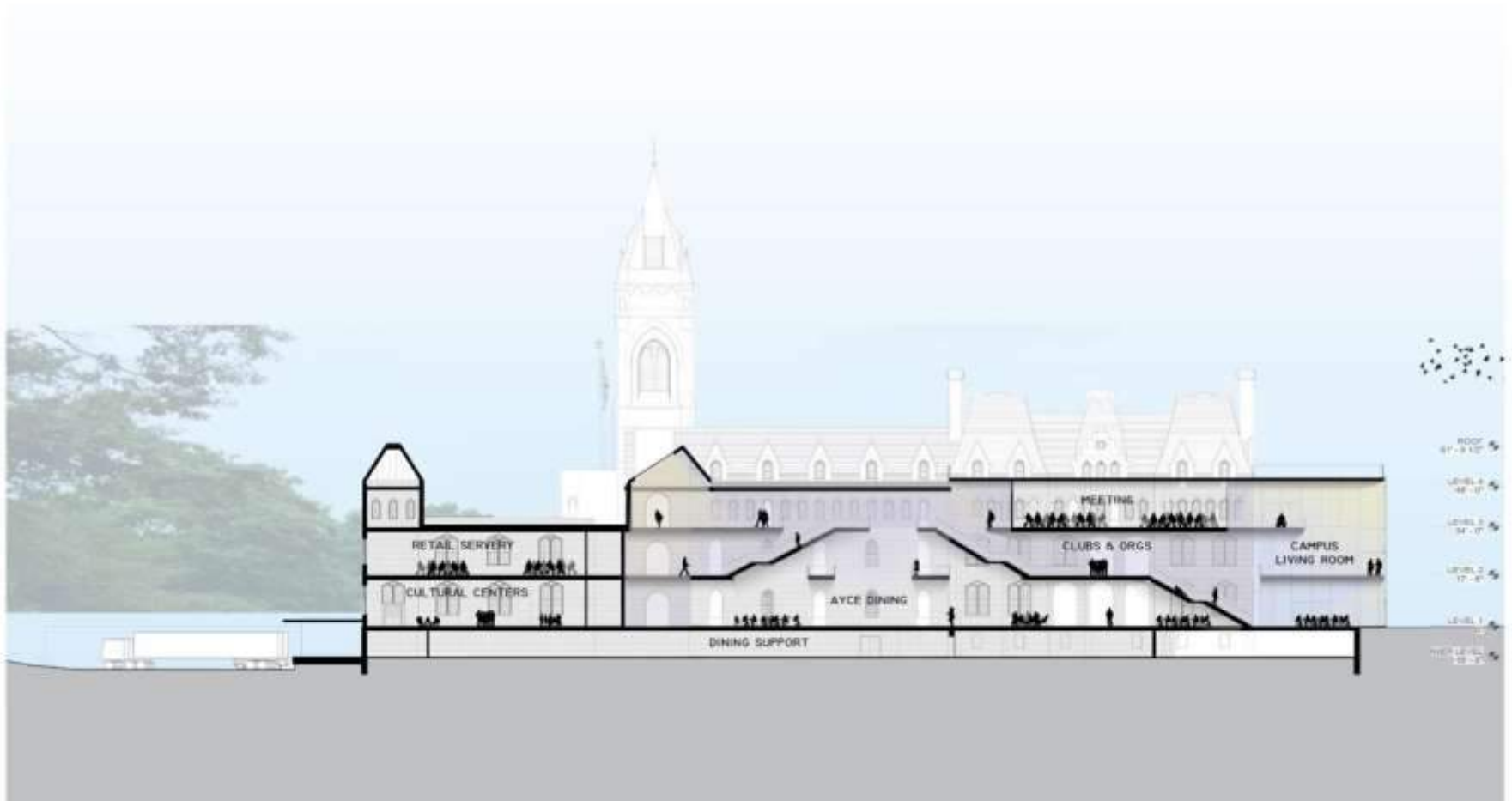
University Center

NORTH – SOUTH CONNECTOR



University Center

EAST - WEST CONNECTOR



University Center

PROGRAM SUMMARY

99,000 sf Renovation

41,000 sf Expansion

Common Space

*3 times as much space for Events, Programs,
Campus Living Room*

Multipurpose & Meeting Space

Increase capacity from 500-700 seats

Student Clubs & Organizations

100 new seats for group work and meetings

Multi-Cultural, LGBTQA, Women's Center

Increase program capacity

Retail

- Bank, C-Store, Mini Bookstore,
- Two additional leased Kiosks

Staff

20 staff work spaces to support:

- Fraternity & Sorority Affairs
- Student Leadership & Community Service
- First Year Experience
- Student Activities
- Gender Violence Education & Support

Student Dining (AYCE)

Increase capacity from 377-450 seats

Food Court and Coffee House

Increase capacity from 215-250 seats

150 additional seats in Common Spaces

Asa Packer Room / Faculty Dining

*125-150 seats, Enhance event and campus dining
environments*

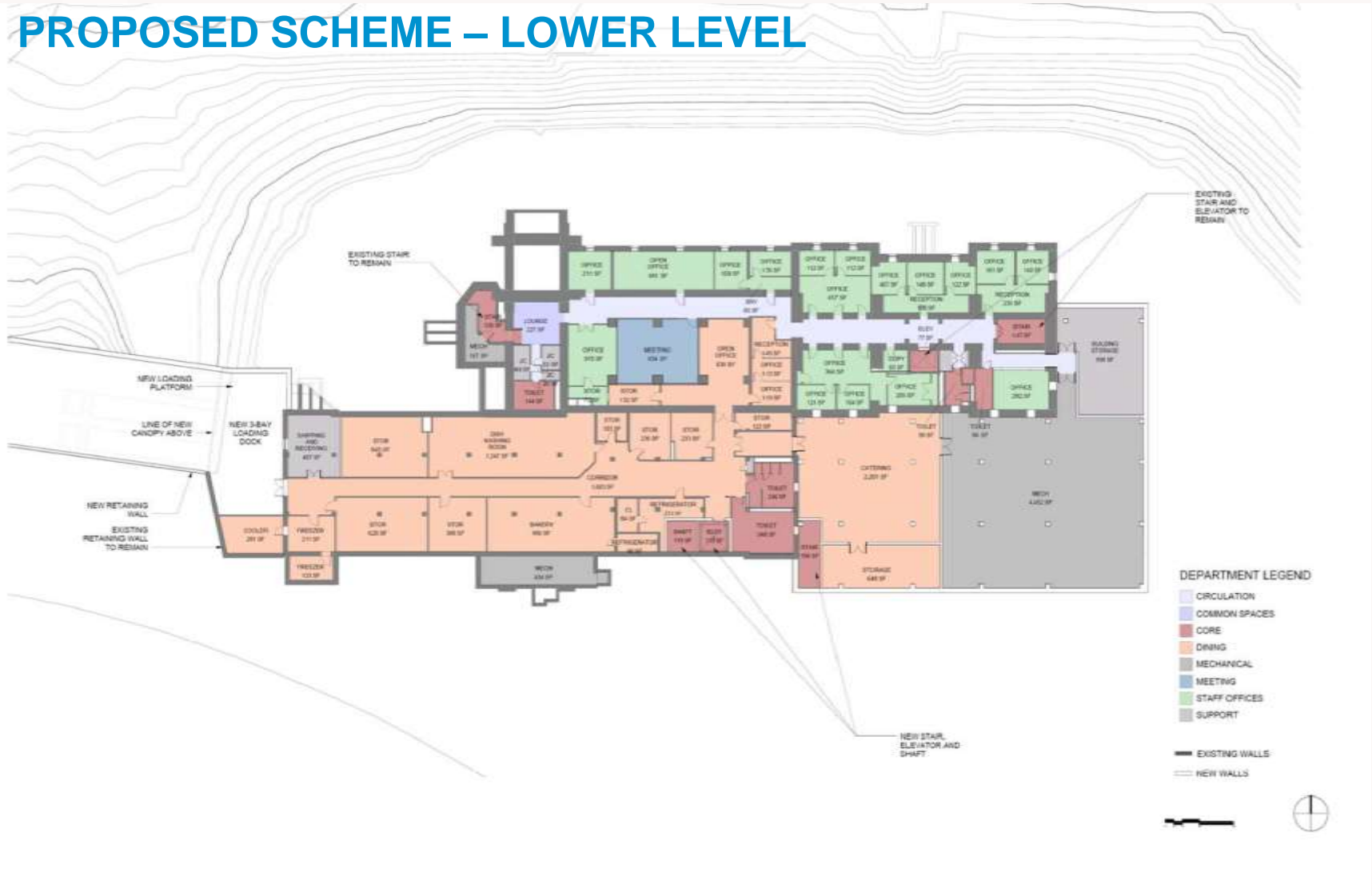
University Center

PROPOSED SCHEME – SITE PLAN

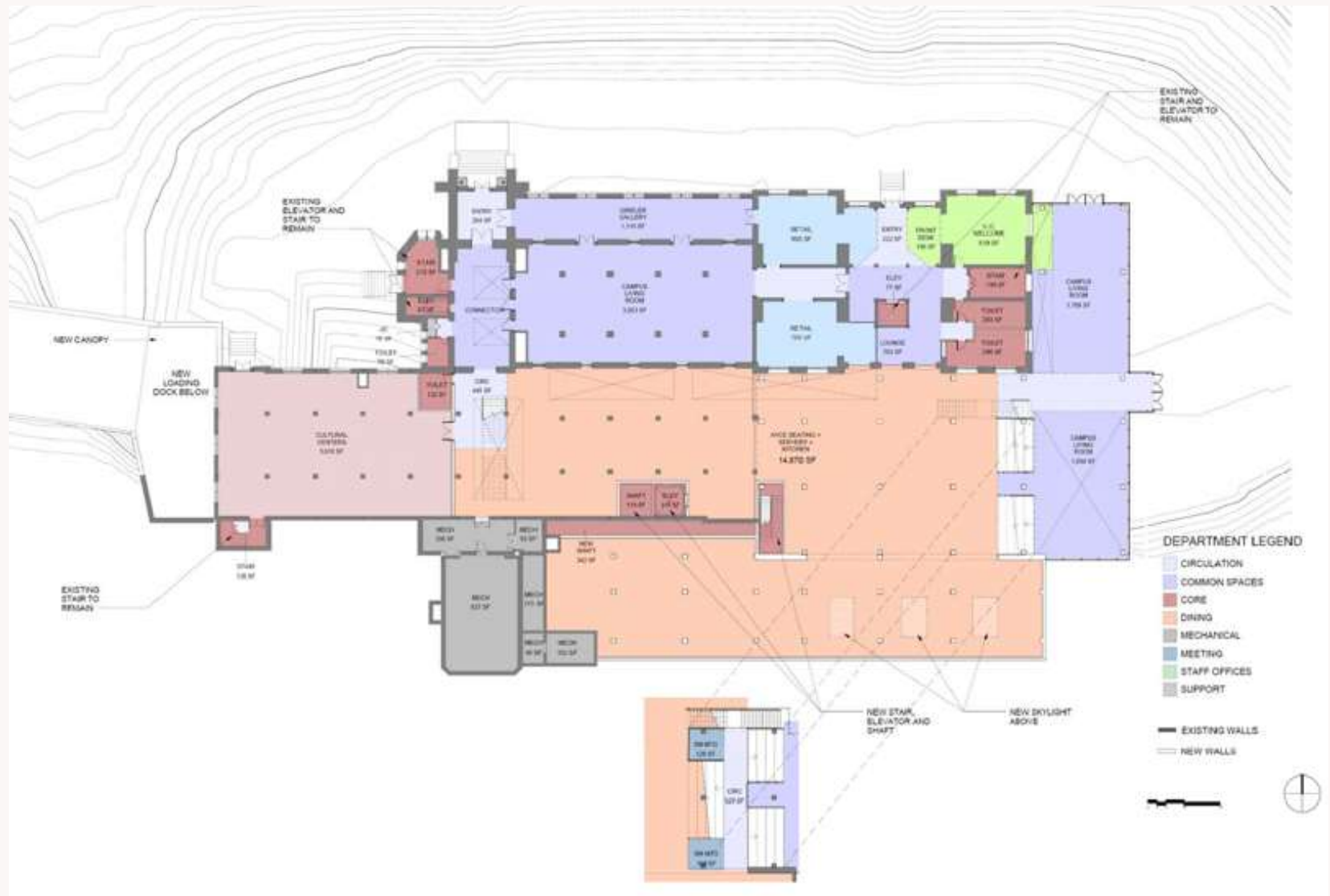


University Center

PROPOSED SCHEME – LOWER LEVEL

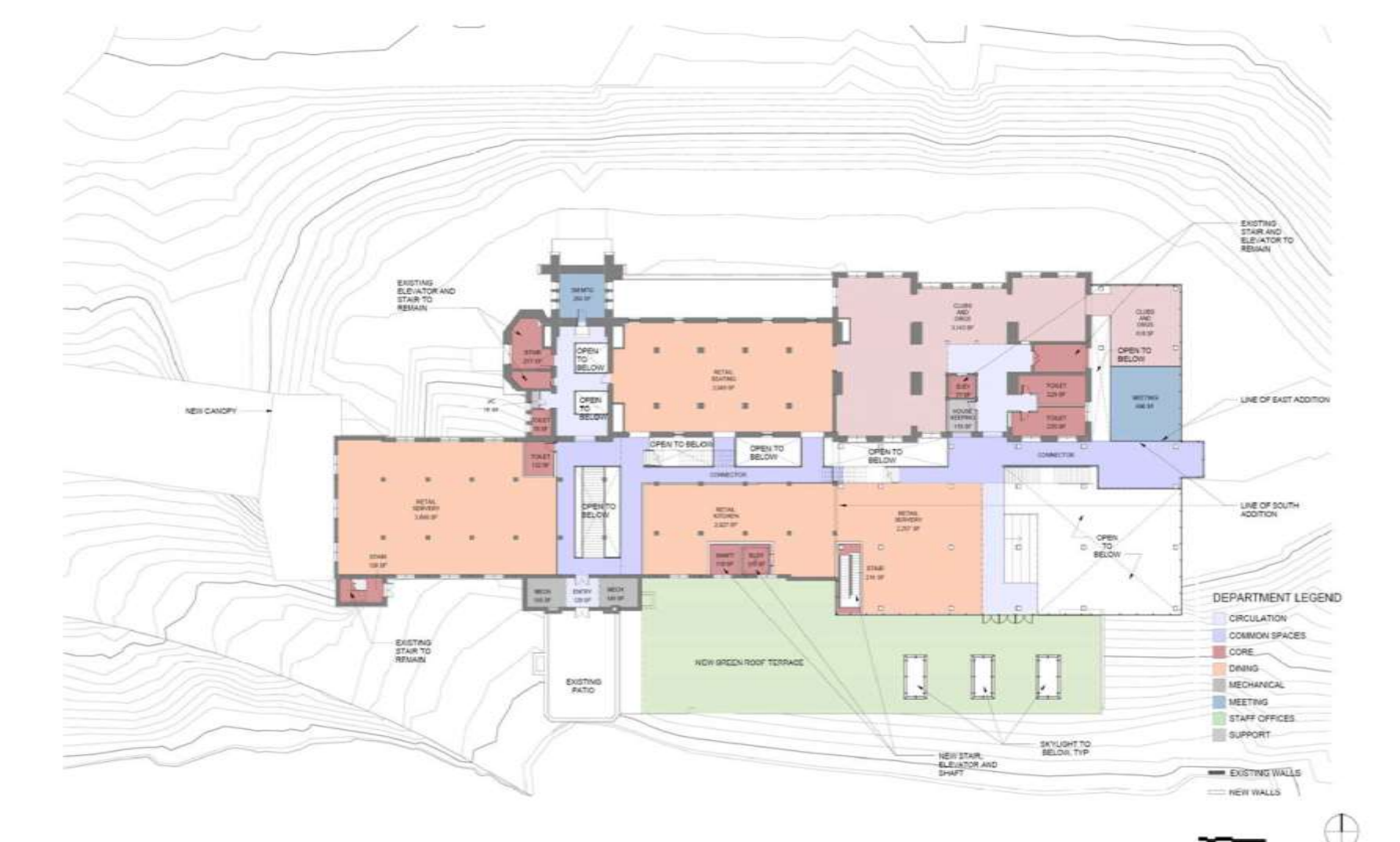


PROPOSED SCHEME – LEVEL 1



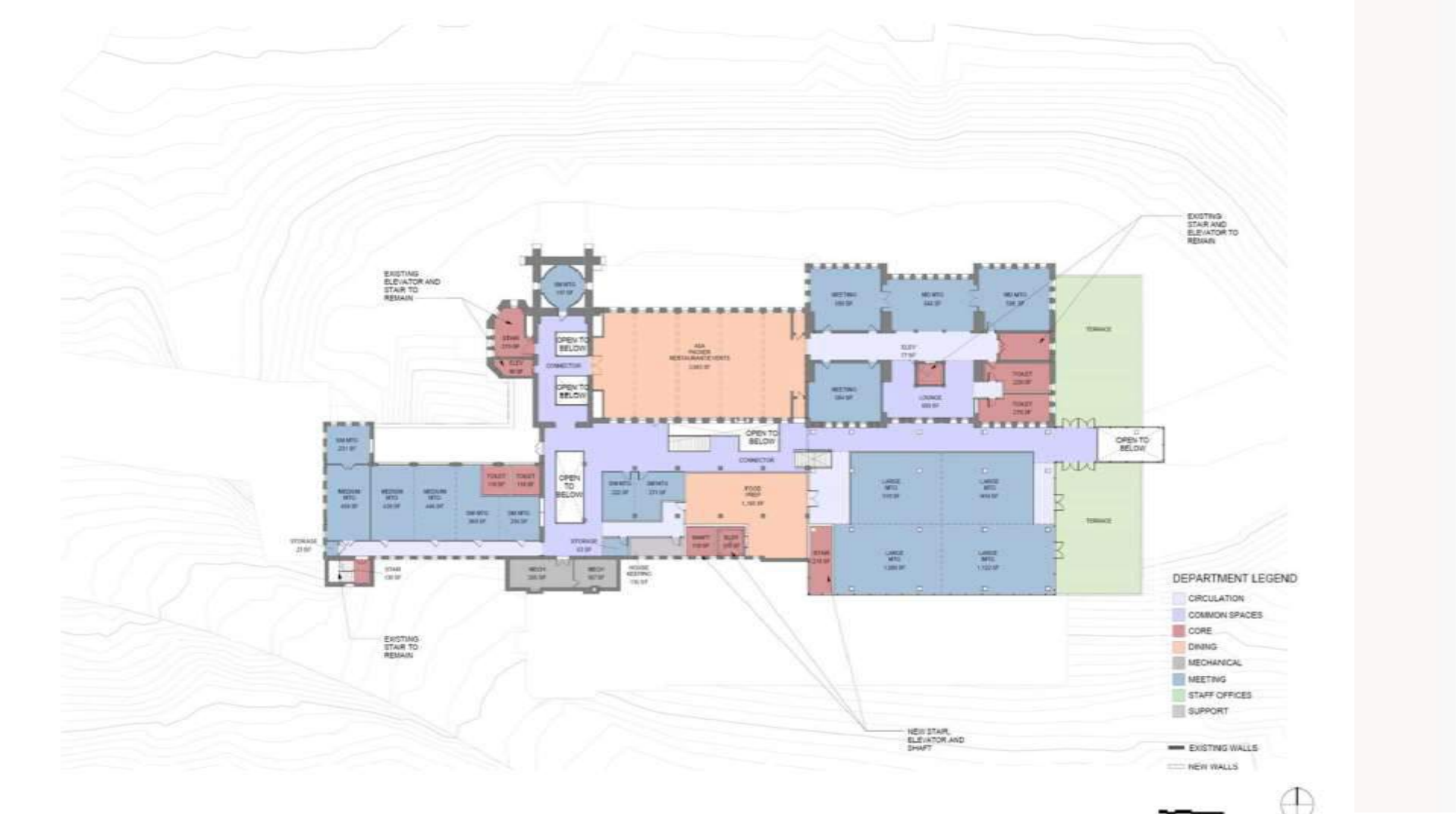
University Center

PROPOSED SCHEME – LEVEL 2



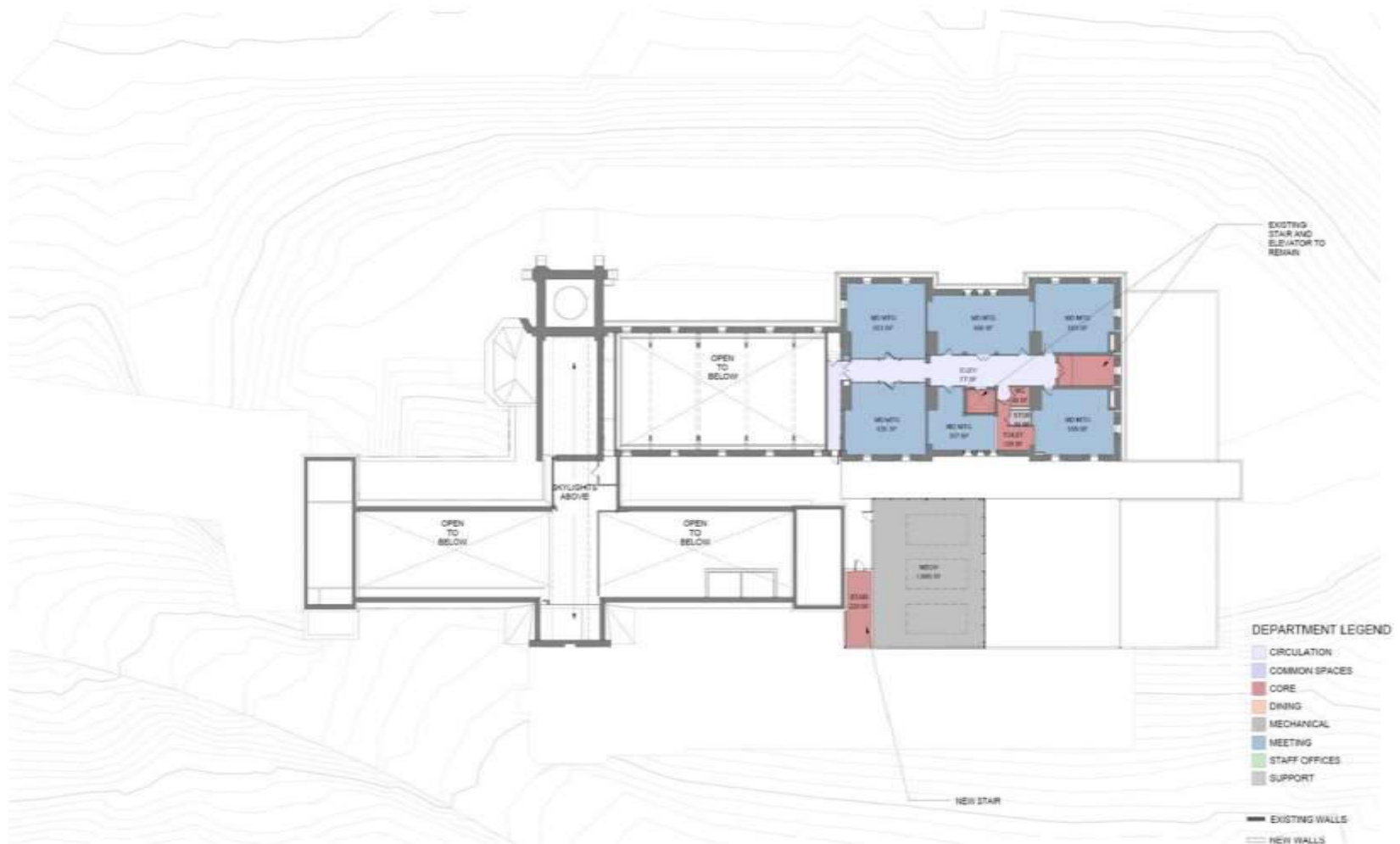
University Center

PROPOSED SCHEME – LEVEL 3



University Center

PROPOSED SCHEME – LEVEL 4



University Center

EAST VIEW EAST EXPANSION



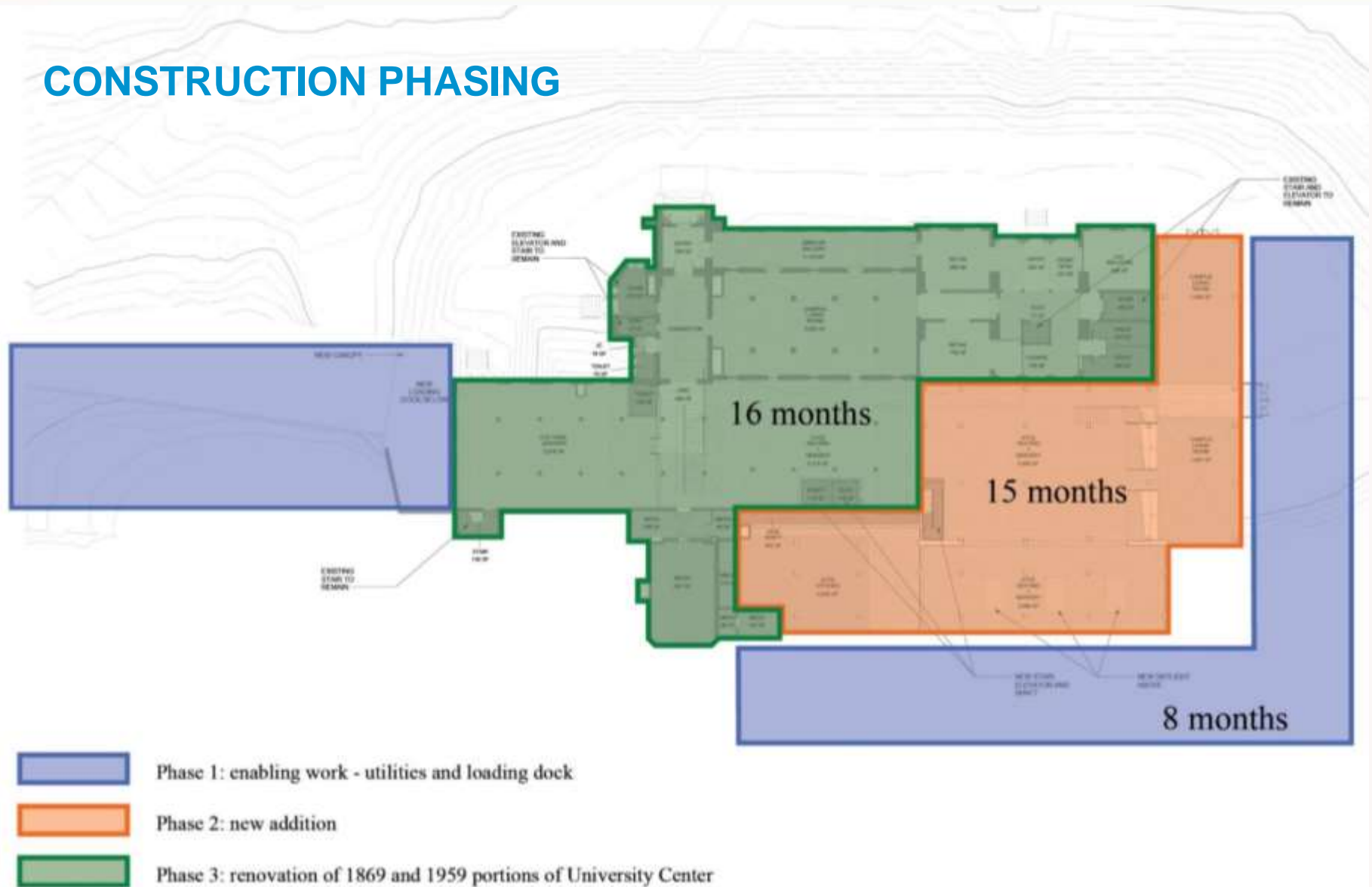
University Center

**SOUTH VIEW
EXISTING**



University Center

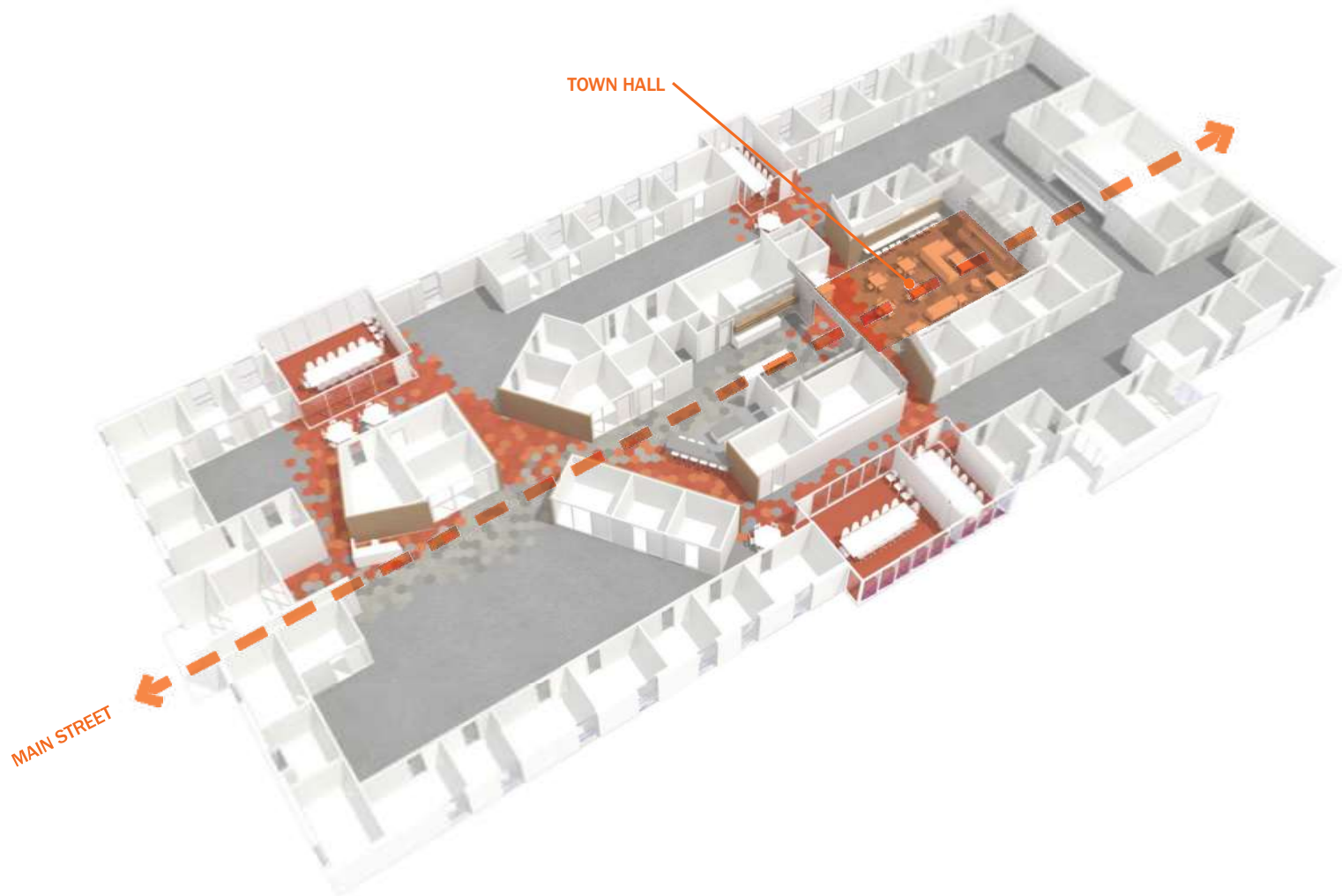
CONSTRUCTION PHASING



University Center



Advancement – 125 Goodman



DESIGN DEVELOPMENT

MAIN STREET - TOWN HALL

Advancement – 125 Goodman



Advancement – 125 Goodman



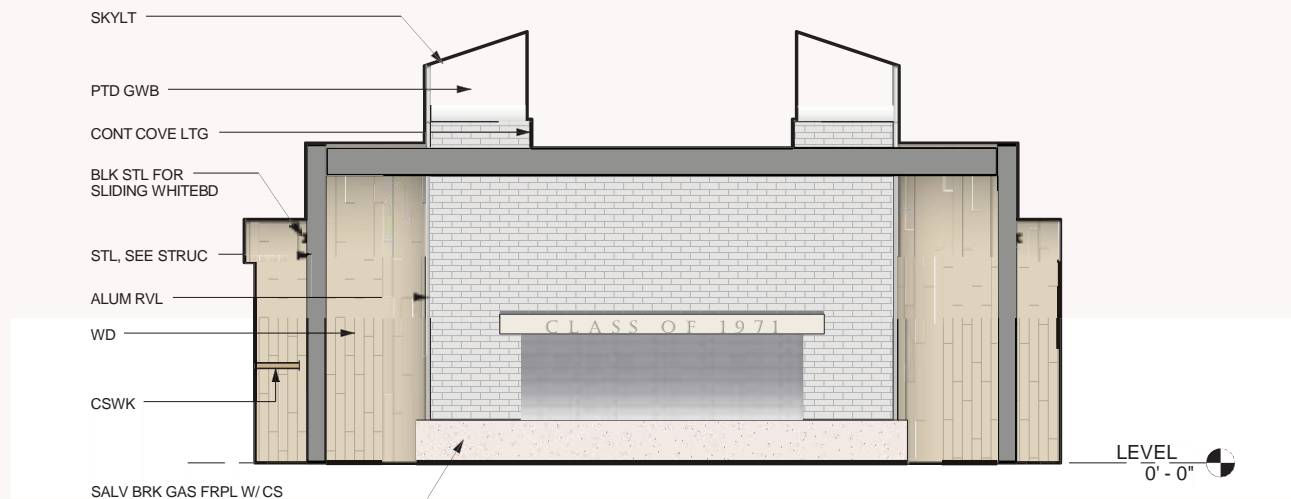
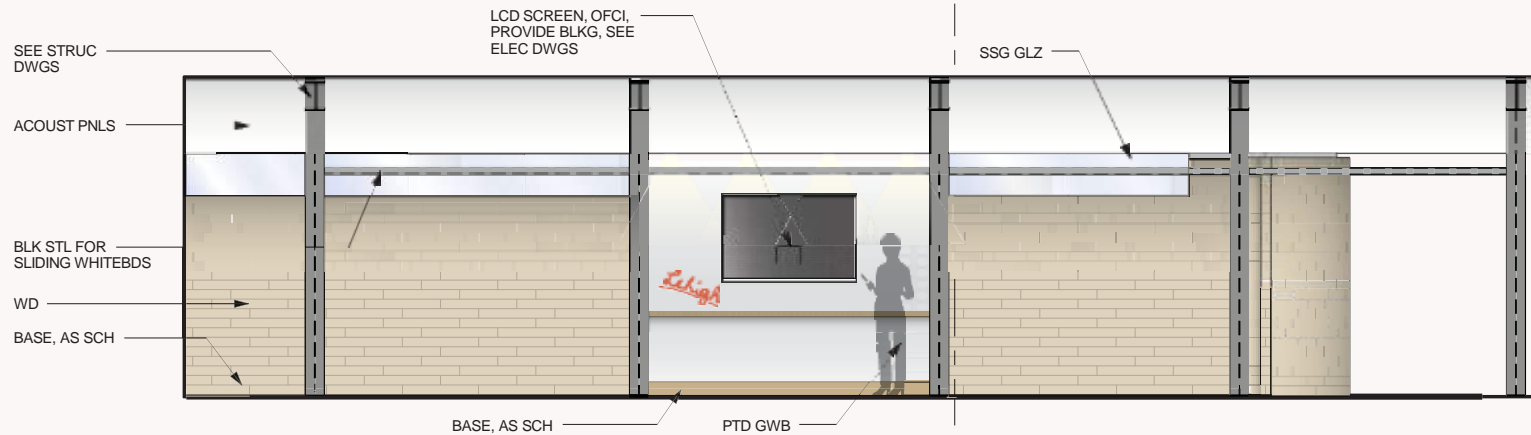
DESIGN DEVELOPMENT

MAIN STREET & OPEN KITCHEN

Advancement – 125 Goodman



Advancement – 125 Goodman



DESIGN DEVELOPMENT

TOWN HALL ELEVATIONS

Advancement – 125 Goodman



DESIGN DEVELOPMENT

MAIN STREET - TOWN HALL PERSPECTIVE

Police Station



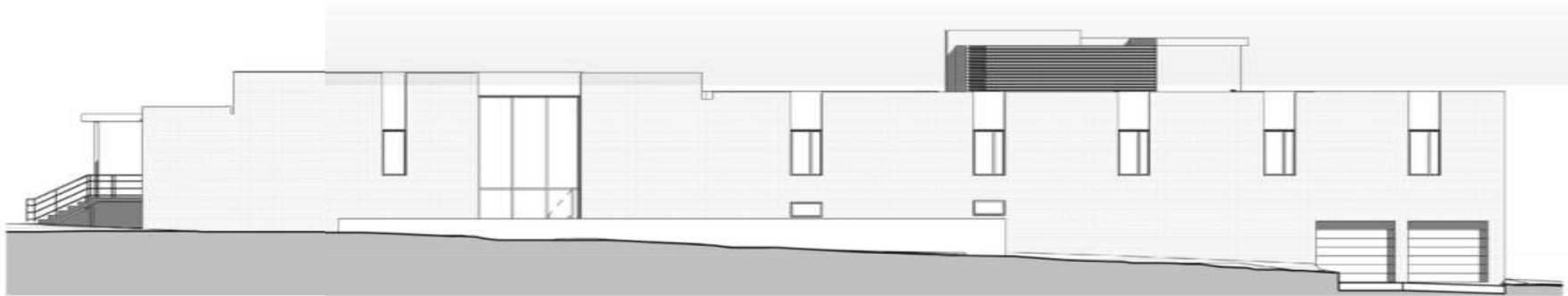
Police Station

Site Plan



Police Station

Elevations



North Elevation



South Elevation

Police Station

Title



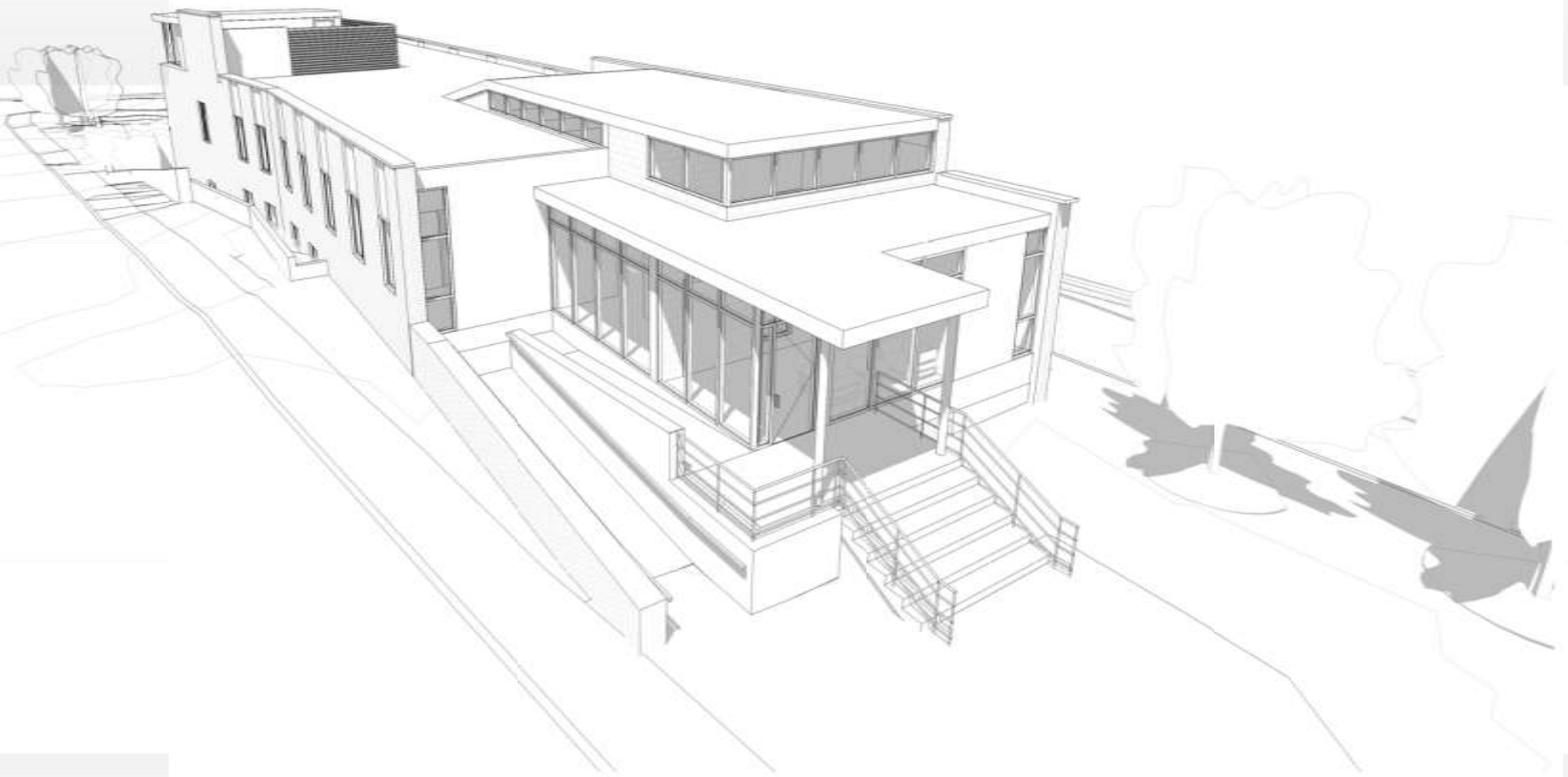
East Elevation



West Elevation

Police Station

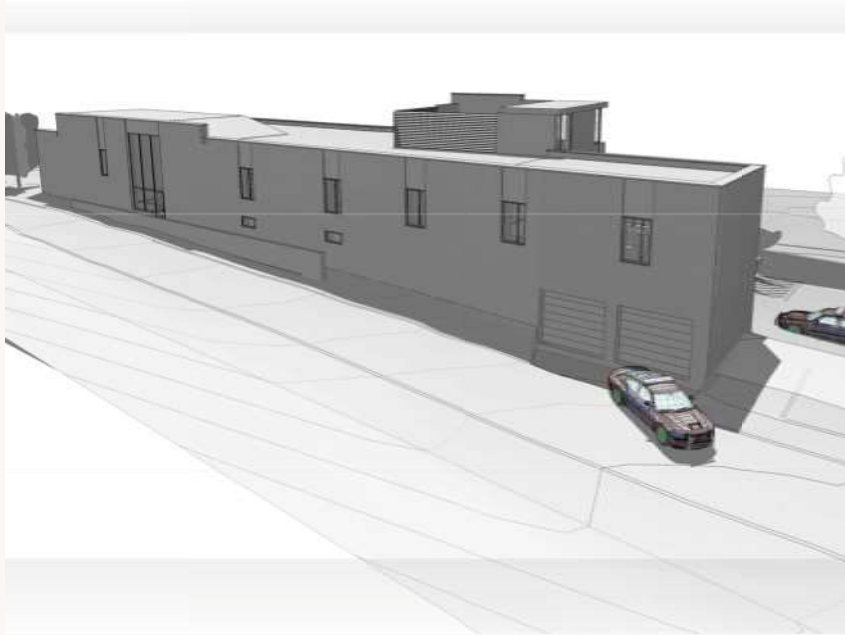
Digital Model



Lehigh University Police Station Schematic Design Progress

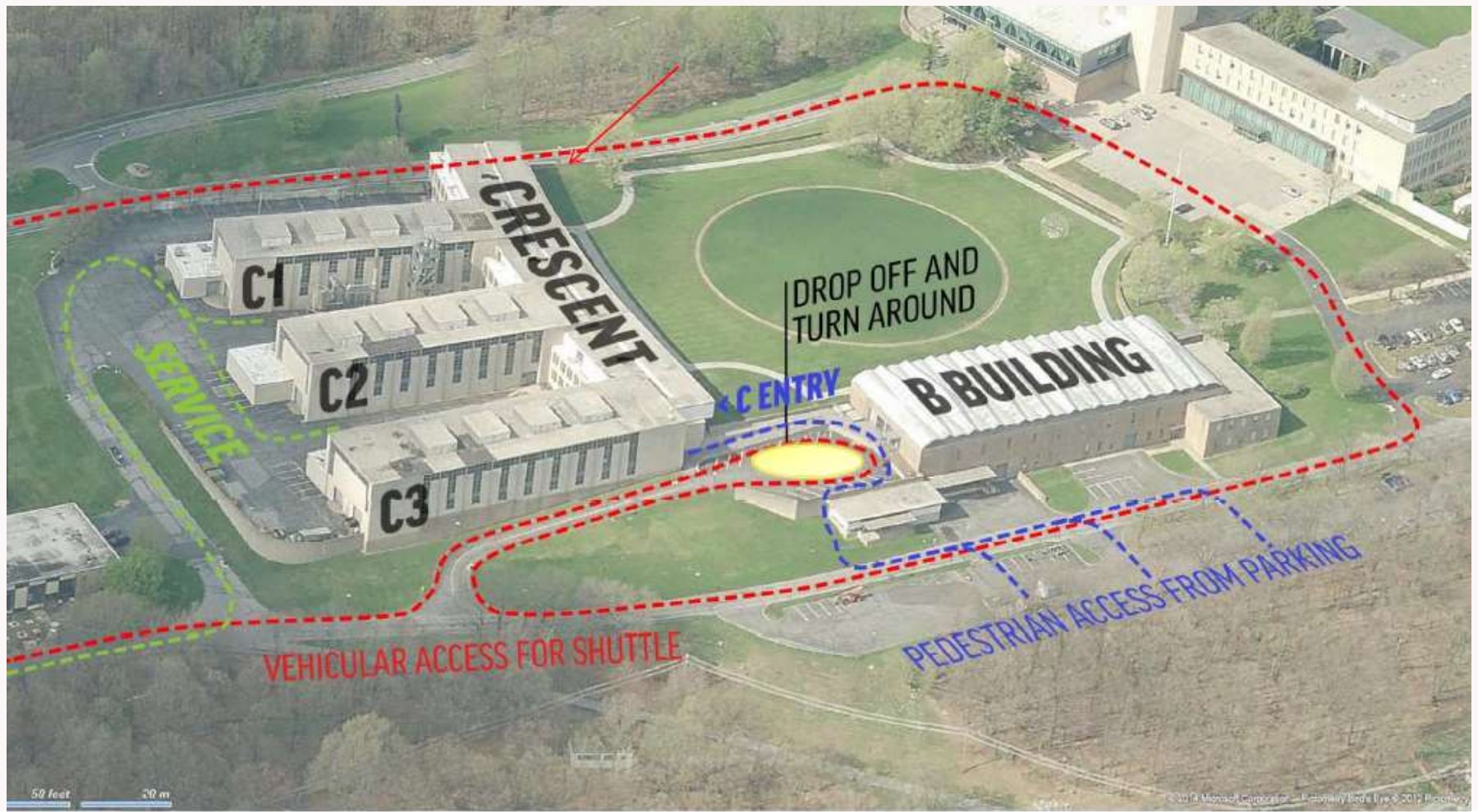
Police Station

3D Views



Mountaintop Buildings B&C

Possible Campus Development & Building Entry



Mountaintop Buildings B&C

Concept Design
& Development
of C3 interior



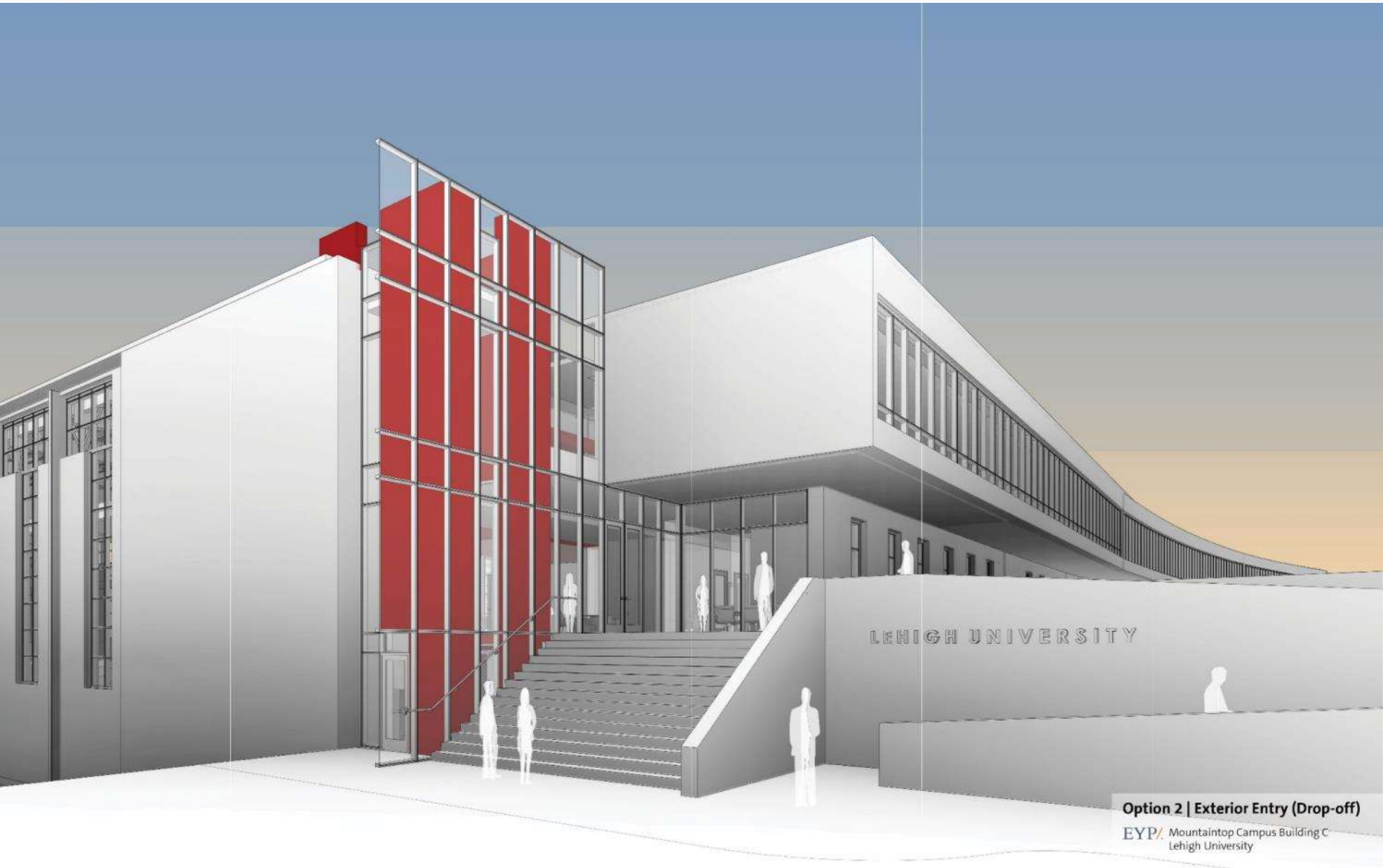
Mountaintop Buildings B&C



Option 2 | Level 1 Entrance View

EYP / Mountaintop Campus Building C
Lehigh University

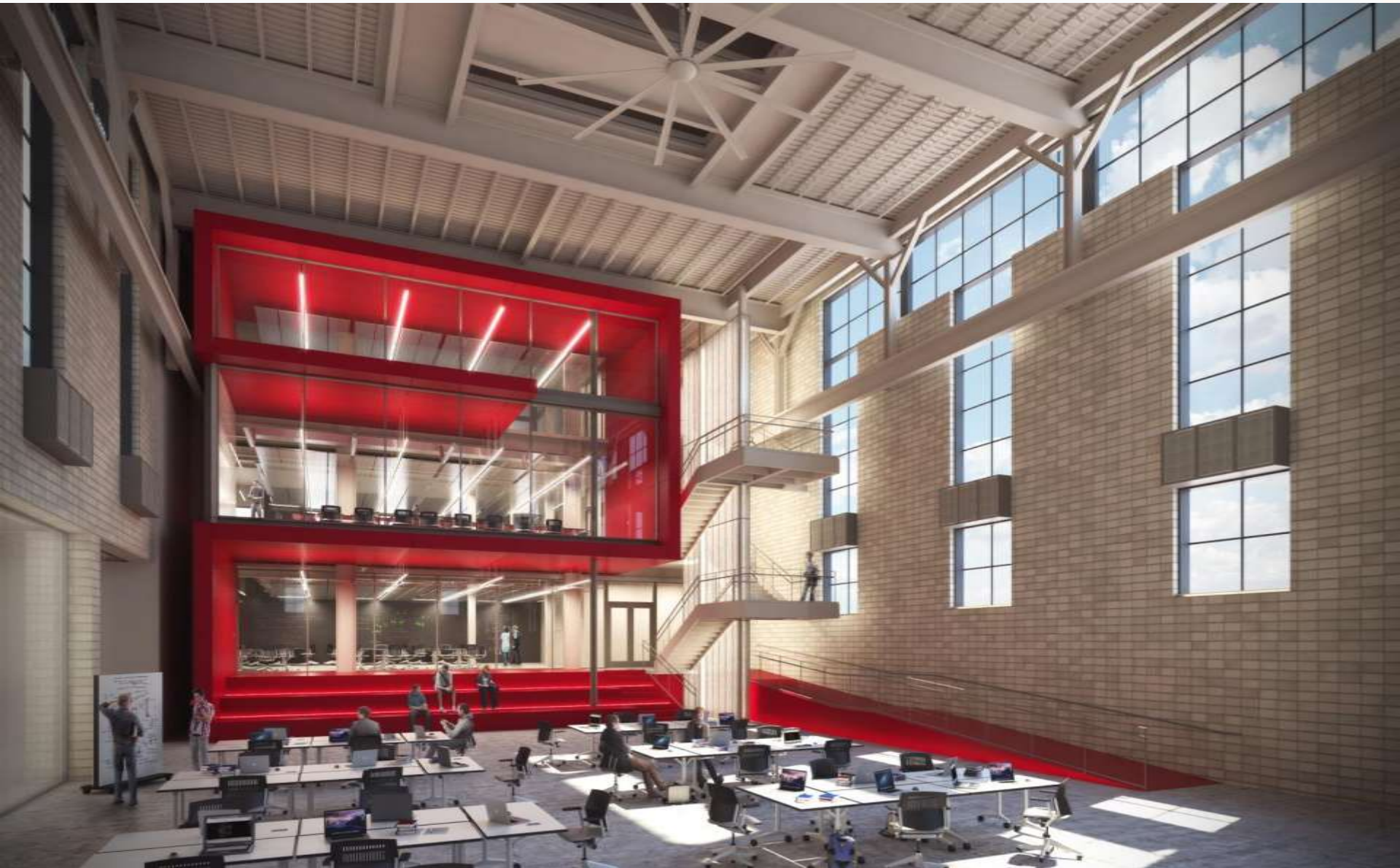
Mountaintop Buildings B&C



Option 2 | Exterior Entry (Drop-off)

EYP
Mountaintop Campus Building C
Lehigh University

Mountaintop Buildings B&C



Mountaintop Buildings B&C



Mountaintop Buildings B&C



Baseball Field



Softball Field



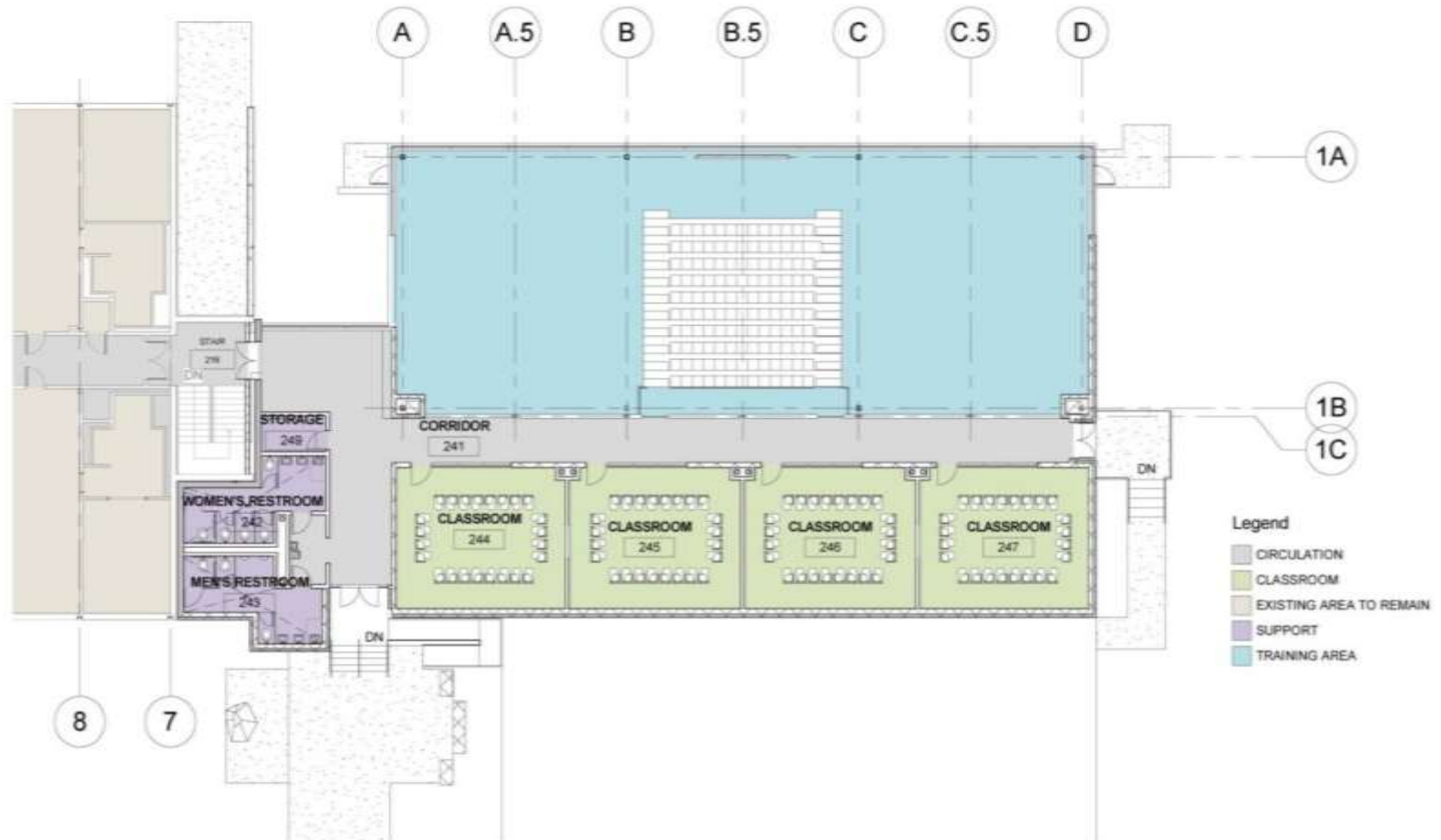
Softball Field



Cundey Varsity House



Cundey Varsity House



architects planners + interior designers

CUNDEY VARSITY HOUSE

LEHIGH UNIVERSITY

09.05.2013

SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0"



Second Floor Plan

Cundey Varsity House



Cundey Varsity House



architects planners + interior designers

TRAINING AREA

CUNDEY VARSITY HOUSE

LEHIGH UNIVERSITY

09.05.2013



Iacocca Hall Lobby Cafe



Iacocca Hall Lobby Cafe



Iacocca Hall Lobby Cafe



Iacocca Hall Lobby Cafe



Iacocca Hall Lobby Cafe



Service Building



Service Building

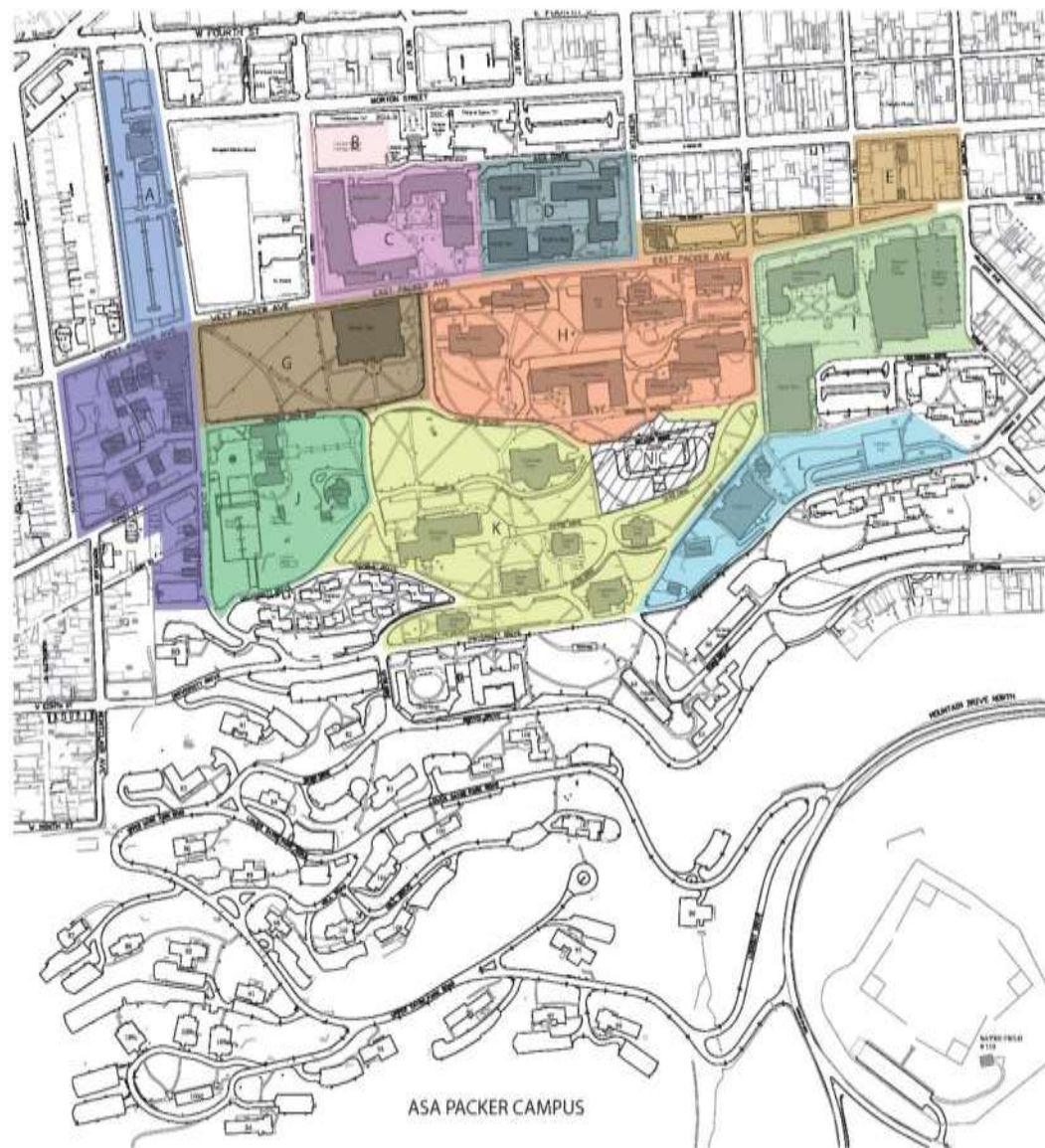


HIGH BAY/ANNEX BUILDING SHARES THE EAST WALL OF THE MAIN BUILDING

Service Building



Lighting Study

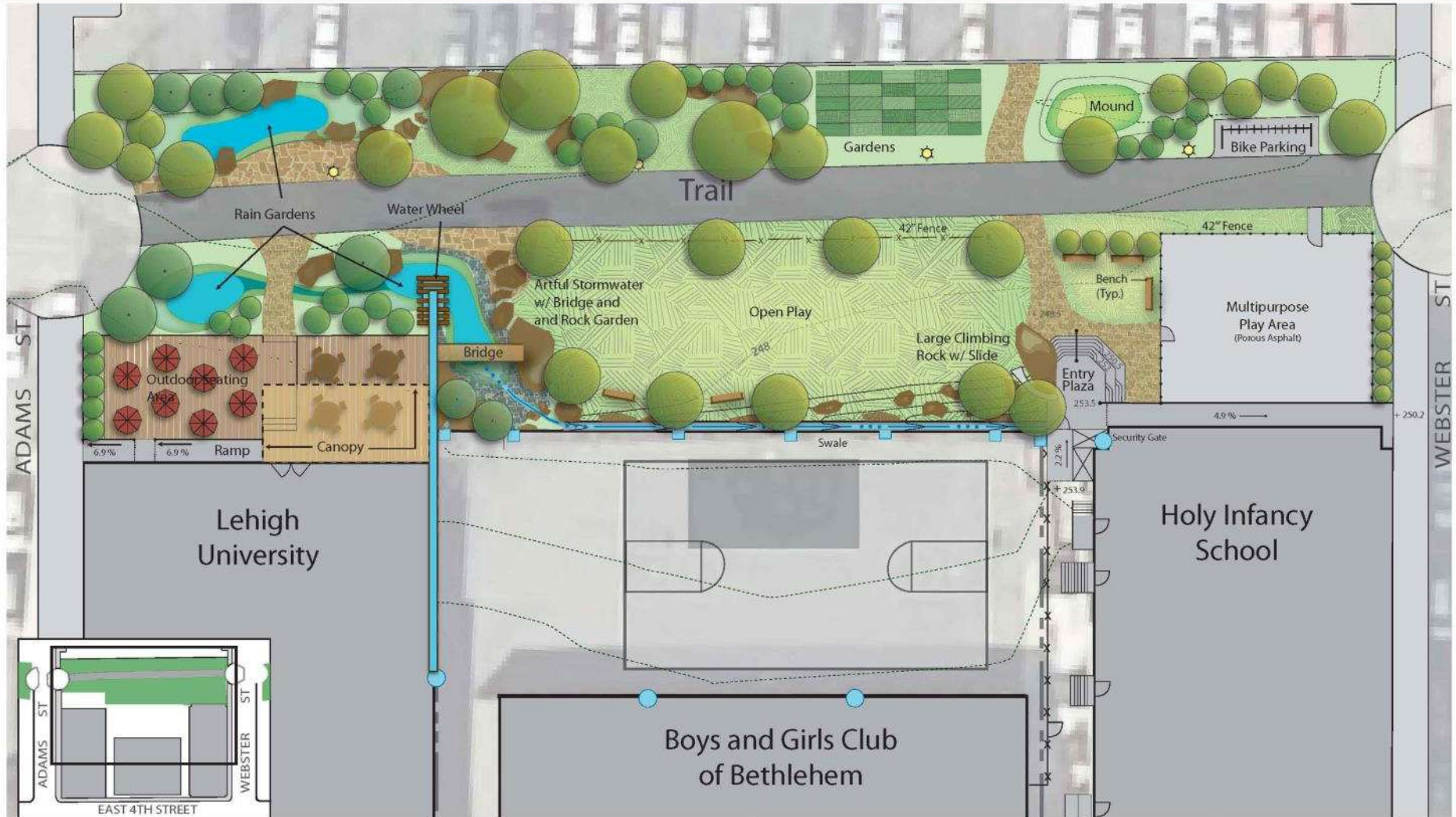


MAP A.1: SURVEY SCOPE OVERVIEW

KEY

- A WEST PARKING FIELDS
- B CAMPUS SQUARE PARKING GARAGE
- C FAIRCHILD-MARTINDALE QUAD
- D WHITAKER / SINCLAIR LABS
- E FACILITIES OFFICES / EAST PACKER AVE
- F WARREN SQUARE
- G PACKARD LAB & PATHS
- H FRITZ LAB / CHANDLER-ULLMAN
- I TAYLOR GYM & EAST ACADEMIC
- J ALUMNI BUILDING & UNIVERSITY DRIVE
- K CENTRAL CAMPUS
- L RATHBONE / GRACE HALLS
- (NIC) WILLIAMS HALL (NIC)

South Side Bethlehem



Concept Site Plan

South Bethlehem Greenway: Adams to Webster Block

City of Bethlehem

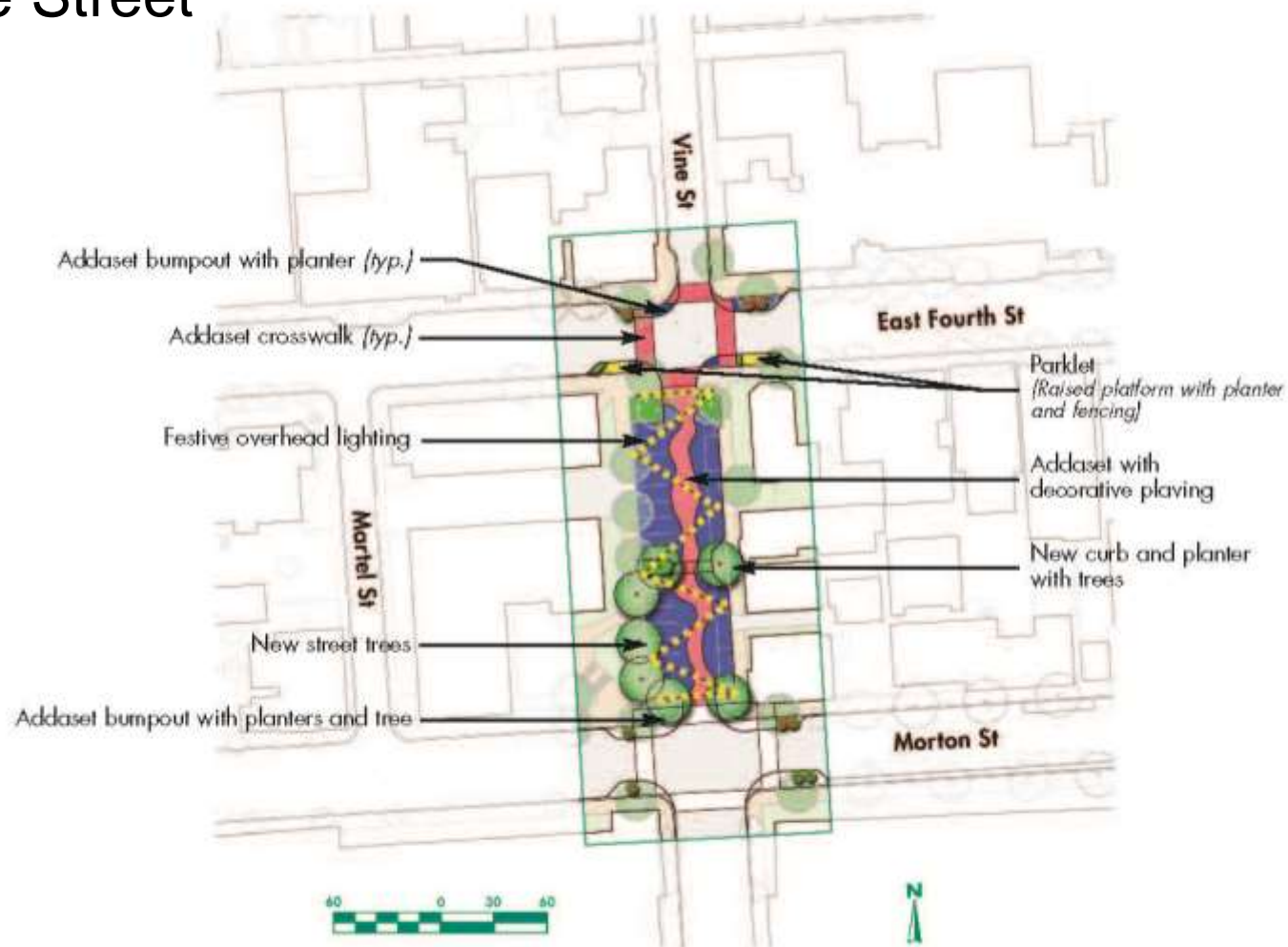
Simone Collins Landscape Architecture / SC# 11021.10 / July 19, 2012

10 5 0 10 20 30 40 Feet



South Side Bethlehem

Vine Street

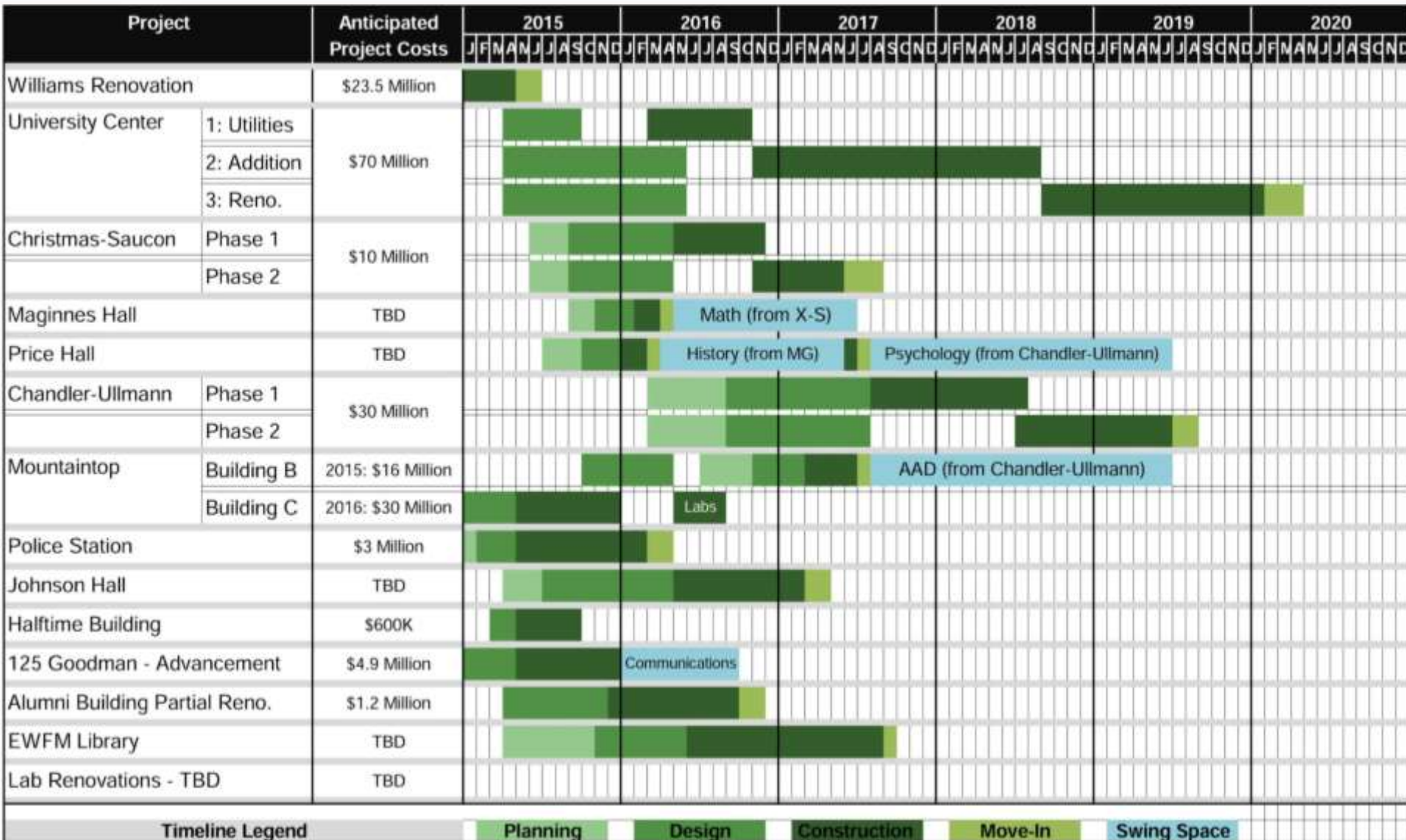


South Side Bethlehem

3rd & Filmore



Capital Projects Schedule



LU Properties, LLC



February 2015 Update

Stabler Campus Properties

