



# BGSU

BGSU Faculty Senate – Master Plan Update

February 3, 2015

- » One of several major planning initiatives
  - » University strategy
  - » Academic re-structuring
  - » Declining enrollment
  - » Building conditions
  - » Outdated residence halls and dining
  - » Budget pressures.
  
- » Significant deferred maintenance concerns (40% of BGSU's buildings are 40 years of age or older)
  
- » 2010 Master plan provides an overall logic to capital spending
  - » Aligns physical development of the campus with university strategy, academic initiatives and other priorities so that capital deployment can achieve the highest possible impact.
  
- » Currently being implemented through Executive Team

- » Re-align campus for major changes facing public higher education
  - » Contract footprint – move academic functions toward academic core and away from perimeter
  - » Reduce square footage devoted to academic buildings by demolishing or repurposing buildings with no long-term strategic value. Over 200,000 square feet of academic space will be removed from service (demolition or re-purposing of 6 buildings).
  - » More accessible, convenient campus
- » Regenerate teaching and learning platform through large-scale renovations and/or adaptive re-use of at least 7 academic buildings
- » Substantial improvements in academic space use resulting from university-wide planning and programming
- » Significant investments in student life
- » Address long-standing deferred maintenance needs
- » Enhance classroom functionality throughout campus (modernization in about 10-12 buildings)
- » Improve environment through investments in landscape, civic structure and infrastructure

# A Re-Cap of Selected Accomplishments

## Academic Projects



## Residence Halls

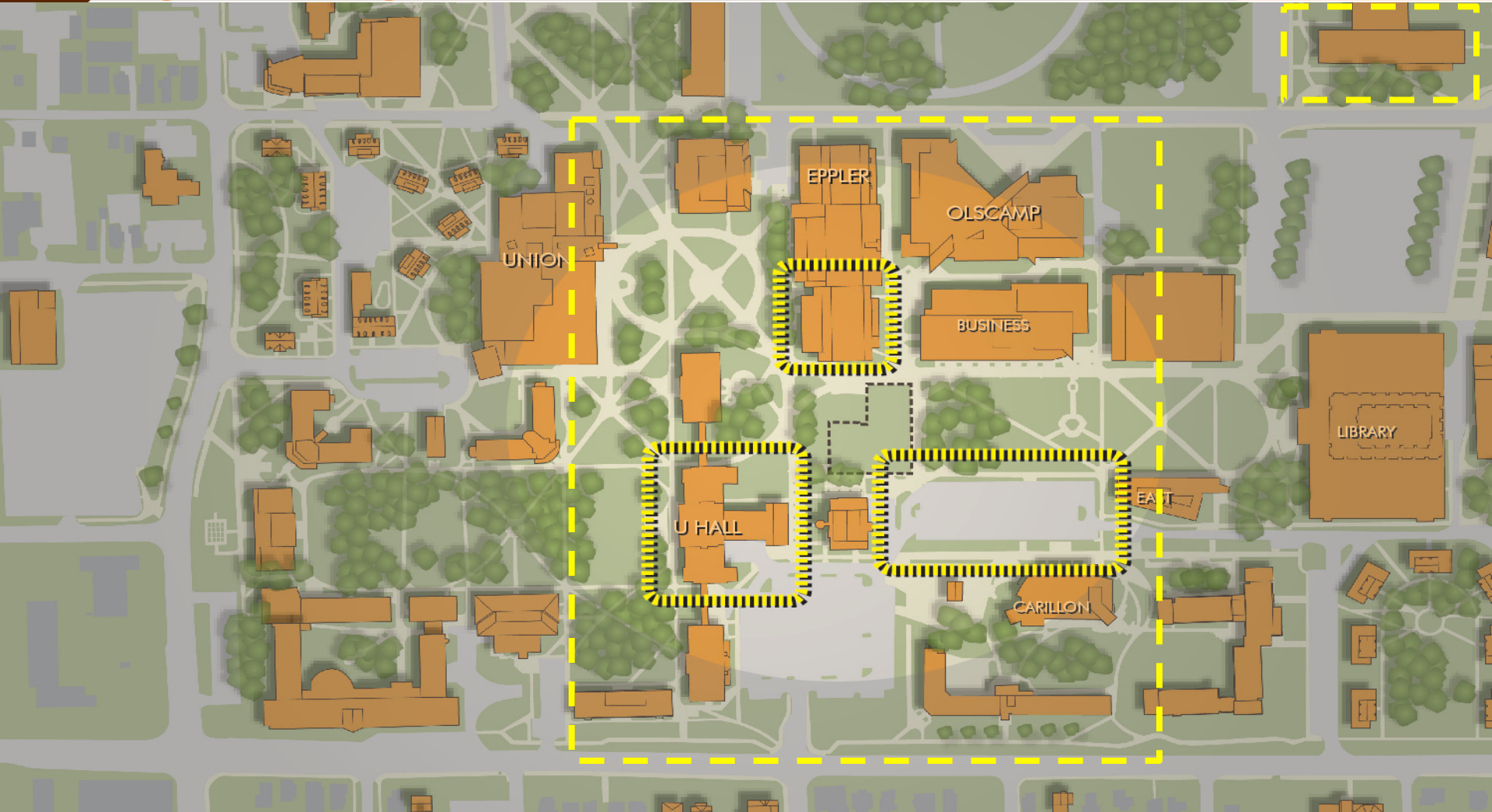


## Dining Centers



## Student Life



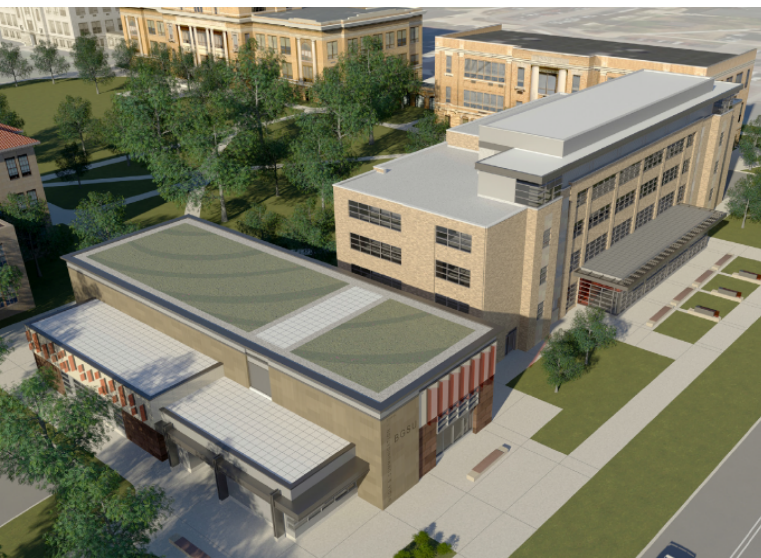


The Traditions Core

North Campus Core

# South Hall – School of Media and Communication

BGSU



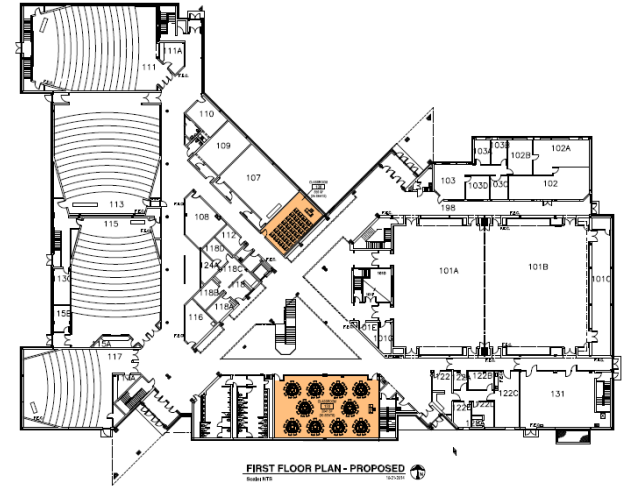
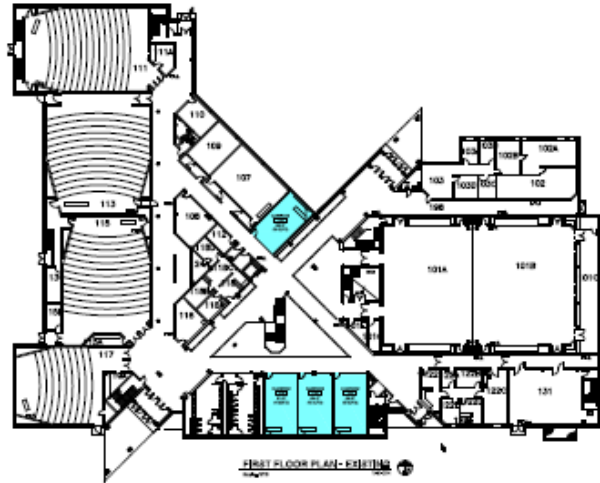


- Construction start in fall 2014
- Phased completion in 2016

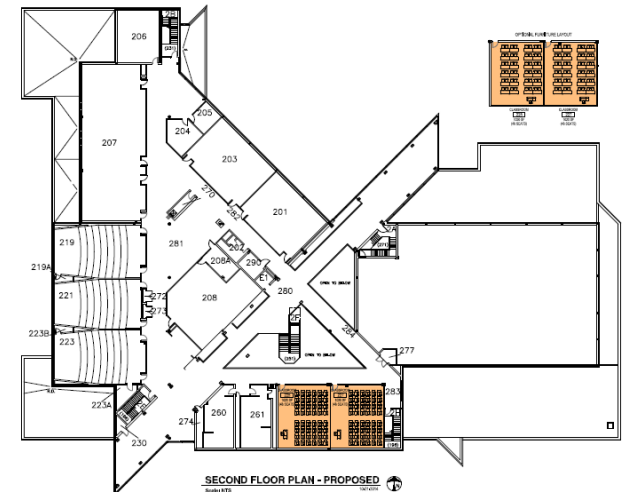
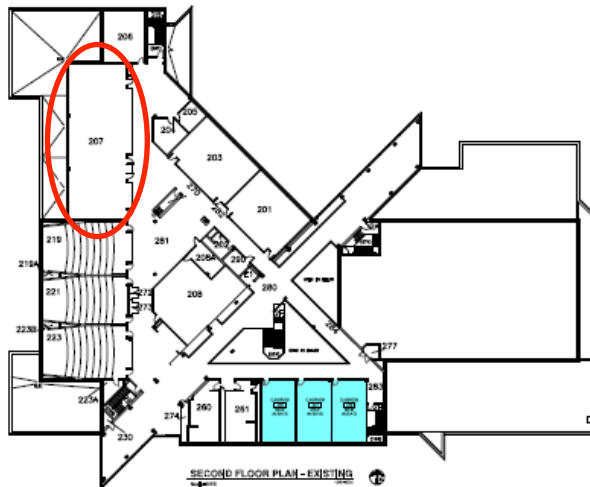




## First Floor



## Second Floor

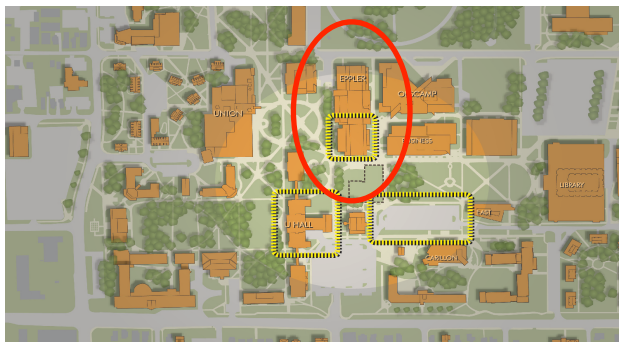


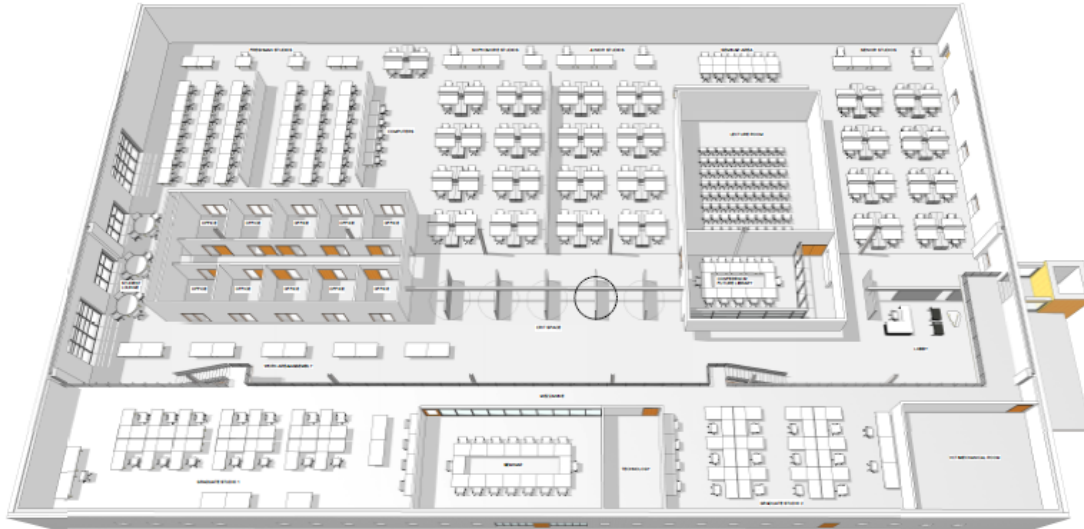
<u>Building</u>	<u>Number of Classrooms</u>
Math Science	14
Business Administration	15
Eppler Complex	<u>12</u>
	41

Project Scope: Carpet, Paint, Furniture, Other Improvements

# Eppler Complex Renovation

- Family and Consumer Science
- Interior Design
- Apparel Merchandising/PD
- Human Dev/Family Studies
- Human Movement, Sports and Leisure Studies
- Classroom





## Objectives:

- » Maximize impact of initial capital investment
  - » “New Building” experience vs. long term incremental renovation
  - » Align with strategic goal of improving student experience
- » Preserve flexibility for future upgrades

## Concept: Universal Science & Technology Platform

- » Accommodate broad spectrum of teaching lab space needs, including science and computer technology
- » Classrooms & Teaching labs shared across departments
- » Keep options open for longer term investment in existing science buildings



### EXISTING BUILDING

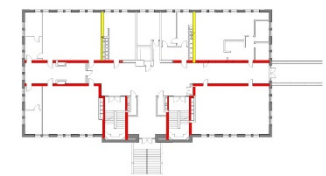
#### Space Planning Parameters

- Shear Walls (minimal penetrations can be coordinated)
- Bearing Structural Walls

GROUND FLOOR



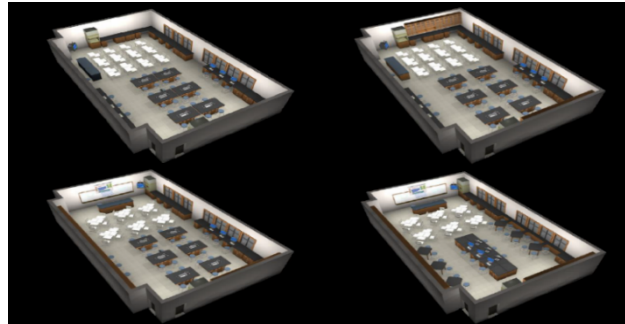
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR

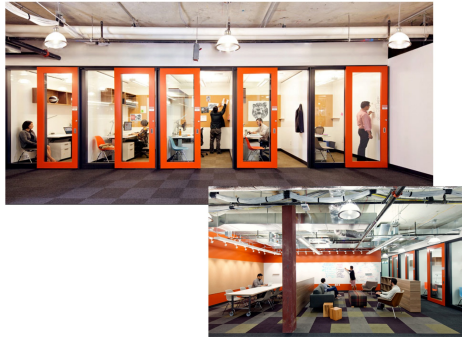


Lab layouts

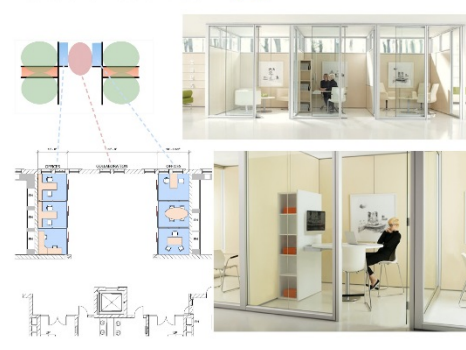


Instructor touchdown

INSTRUCTOR TOUCHDOWN

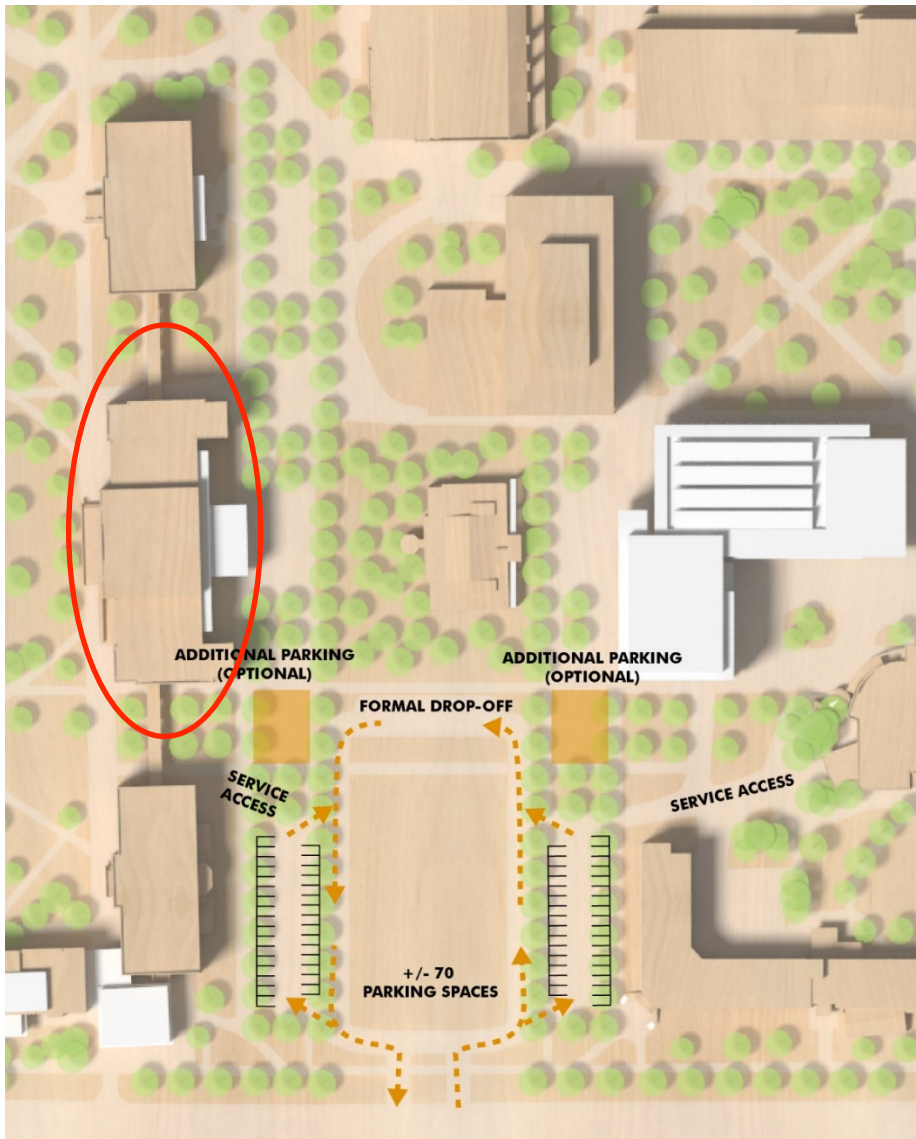


INSTRUCTOR TOUCHDOWN



Collaboration spaces



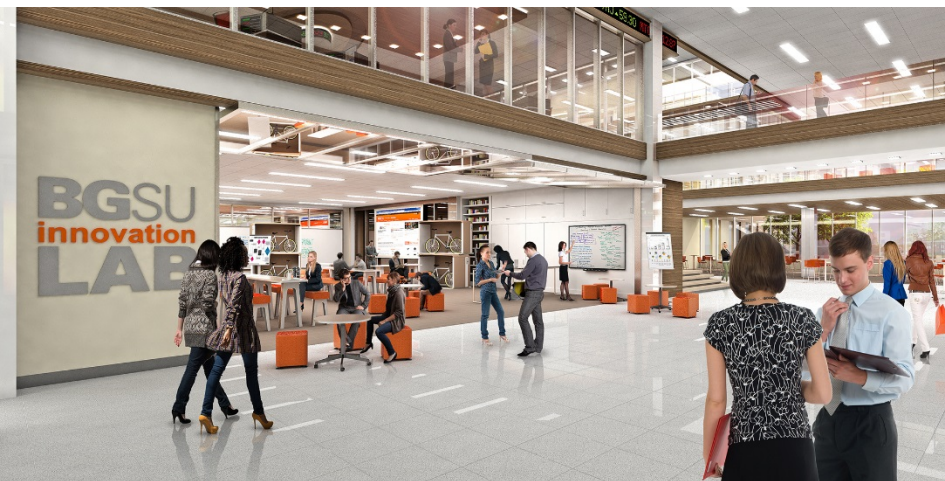


## Admissions

- » Outreach (Leadership group – directors, graduate assistants)
- » “Front of House” – counselors, tour guides, student recruitment teams
- » “Back of House” – call center, student services, development team

## High Impact Programs

- » Experiential Learning:
  - » UG Research
  - » COSMOS and STEM programs
  - » AIMS
  - » Service Learning
  - » Residential Learning Community Office
- » International student services
- » Study Abroad



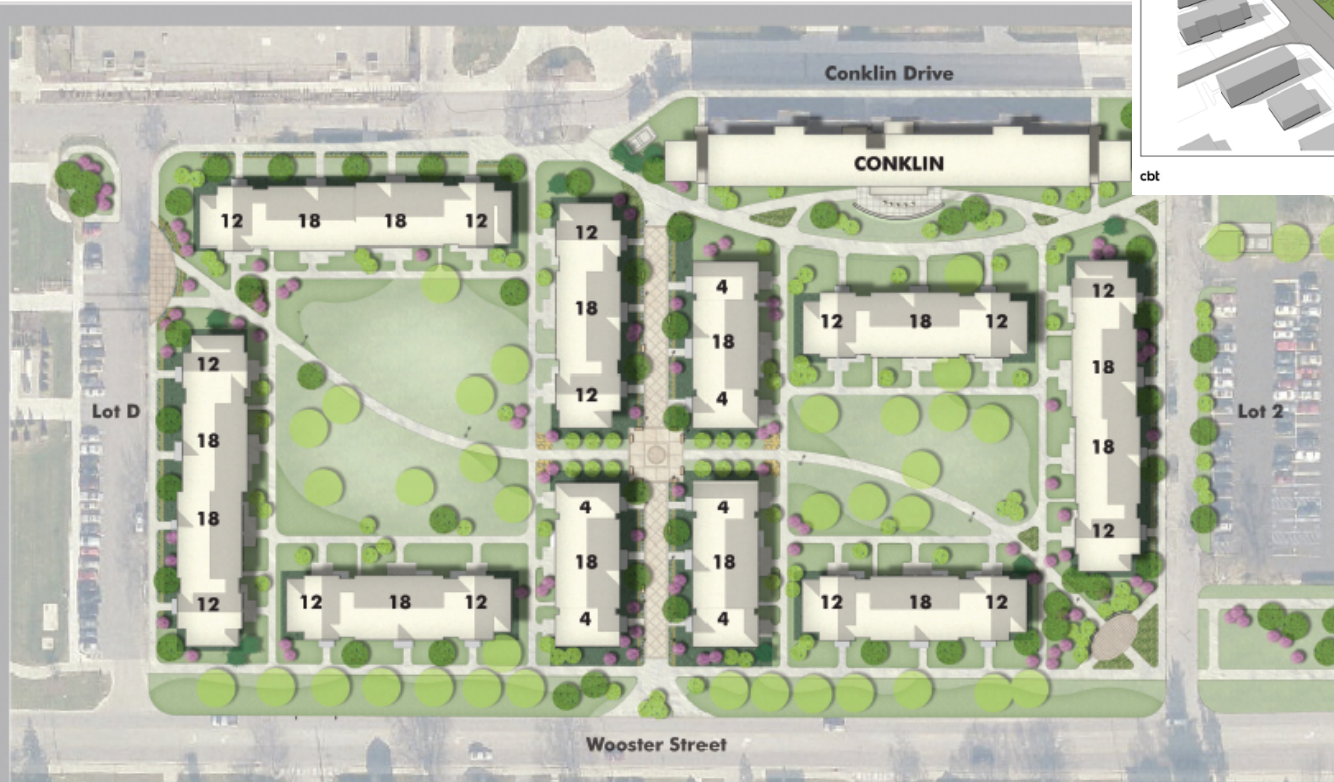


# Greek Housing



AERIAL PERSPECTIVE  
BOWLING GREEN STATE UNIVERSITY  
REPLACEMENT GREEK HOUSING

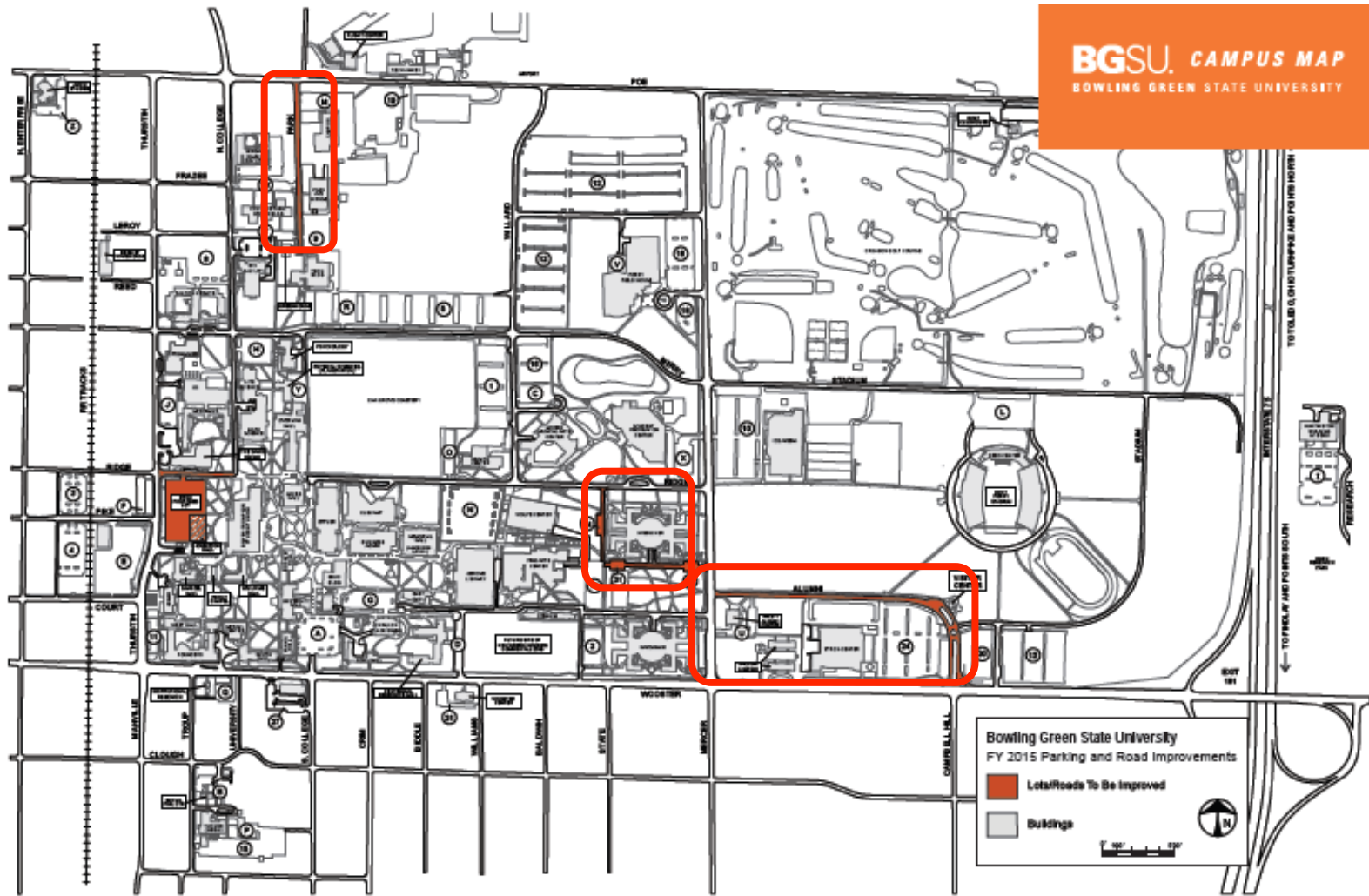
SE CORNER  
11.6.14



LANDSCAPE PLAN



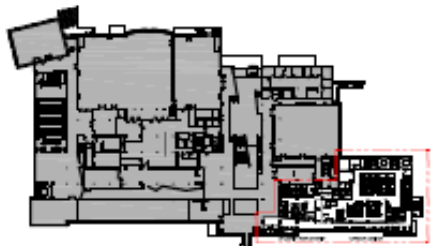
# Parking Lot and Road Improvements



# BTSU - Career Center Relocation

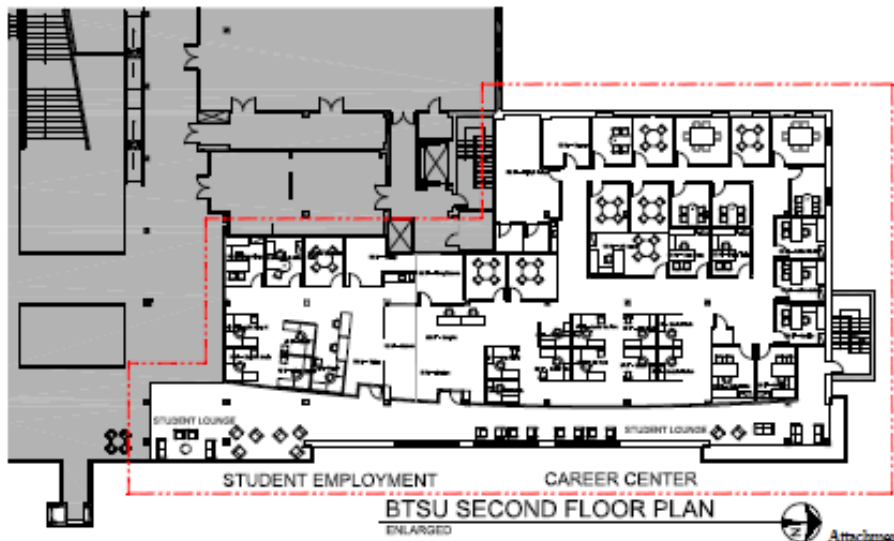


Diagram on right:  
Second floor BTSU project space outlined in red



BTSU SECOND FLOOR PLAN  
OVERALL

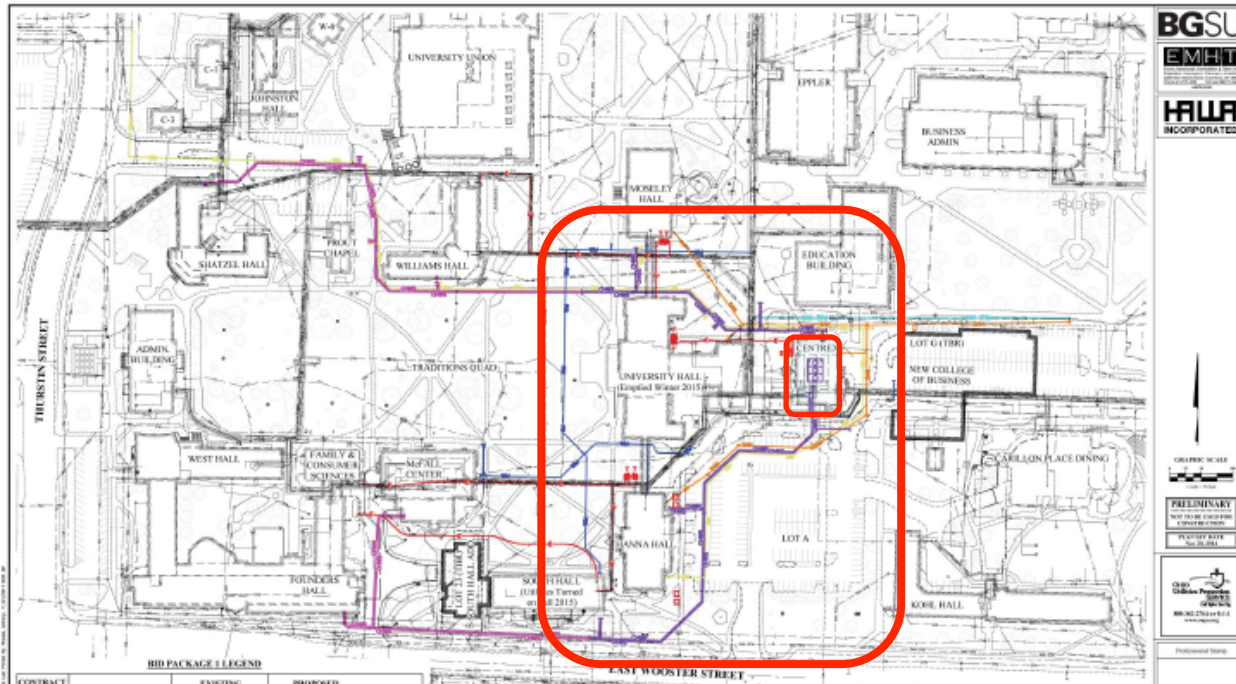
Diagram below:  
Proposed project space outlined in red



BTSU CAREER CENTER RENOVATION  
SEPTEMBER, 2014

PRELIMINARY  
SECOND FLOOR PLAN

SK-1



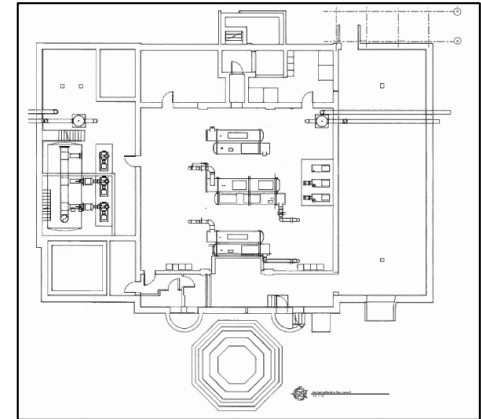
**BGSU**  
**EMHT**  
**HAJA**  
 INCORPORATED

GRAPHIC SCALE  
 1" = 100'

PRELIMINARY  
 NOT TO BE USED FOR CONSTRUCTION  
 EXPIRES DATE: 03/31/2011

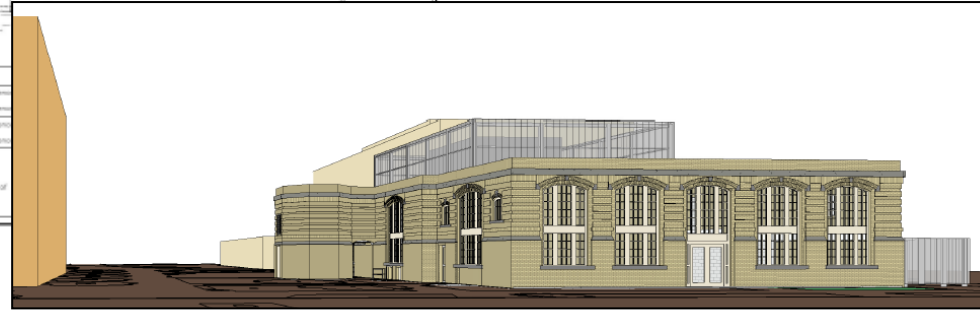
CHIEF DESIGNER: [Signature]  
 DATE: 03/27/11  
 PROJECT NO: 11-001

Professional Stamp



BID PACKAGE 1 LEGEND		
CONTRACT	EXISTING	PROPOSED
Tunnels		Section South Hill Tunnel Top, Under Road
Storm Sewer		
Storm Heat Drain		Modifications as Required by Building Projects
Sanitary Sewer Service		
Storm		Excavation in South Hill Tunnel Only
Steam Condensate Piping		
Domestic Water Main		
Electric & Backup Power		Transformer Switch
Gas Main		
Combined Sewer (CSP)		
Sanitary Sewer		See Compressed Air at South Hill Tunnel. Reference East Tunnel plan. Design as required by building structure.
Compressed Air		
Stormwater Management		

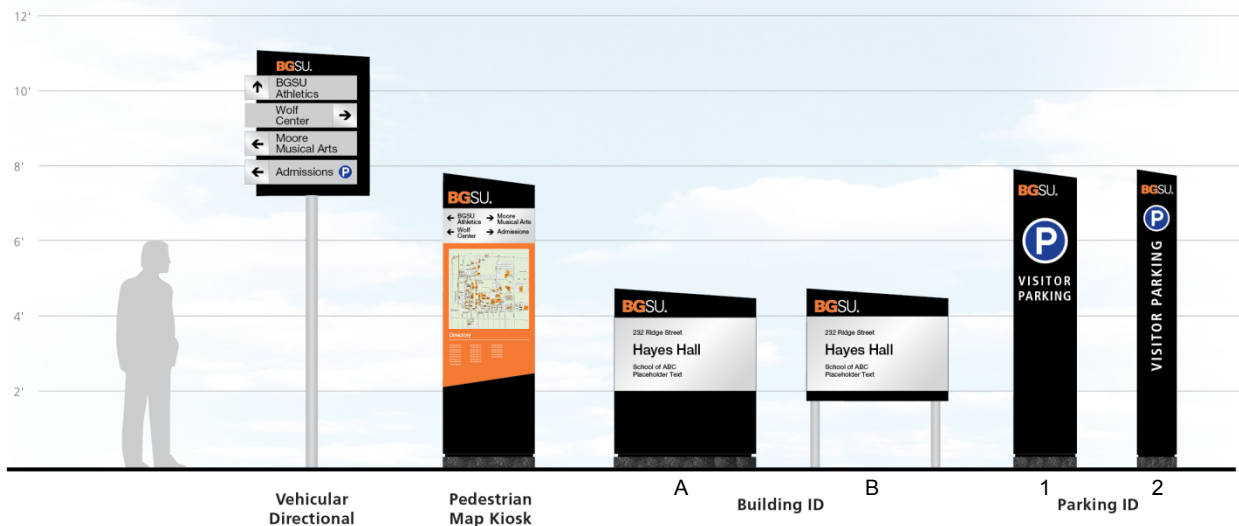
BID PACKAGE 1 LEGEND		
CONTRACT	EXISTING	PROPOSED
PHASE 2 (PART 2A)		Clotted Water Return (2" or Referenced)
PHASE 2 (PART 2A)		Clotted Water Service (2" or Referenced)
PHASE 2 (PART 2B)		Clotted Water Return (2" or Referenced)
PHASE 2 (PART 2B)		Clotted Water Service (2" or Referenced)
		Integriton
		Floor Splice
		Communications
		Underground Lighting



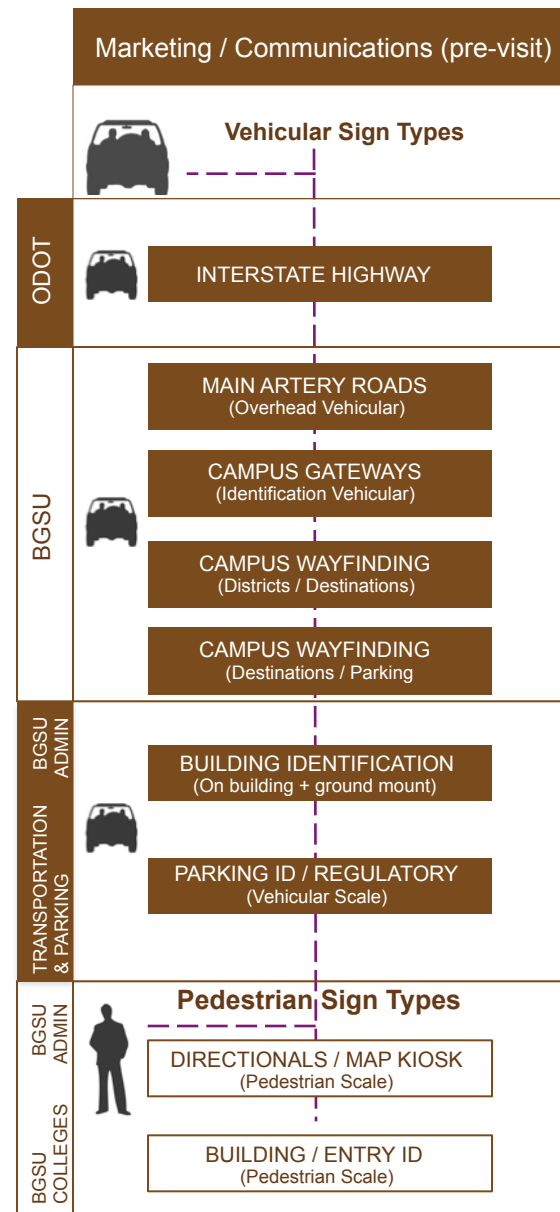


# Build the Brand: Wayfinding

» **Develop** a system-wide University signage system & wayfinding standards.



Sign Types located around the perimeter of campus & in the interior outdoor spaces of campus



*BOWLING GREEN STATE UNIVERSITY  
Tentative Capital Project Board Action Items: FY 2015*

**DRAFT**

- |                   |  |
|-------------------|--|
| December 5, 2014  | Greek Housing – approval of construction<br>Career Center and Student Employment – approval of entire project<br>Traditions Infrastructure - approval of construction<br>Eppler Hall – approval of entire project<br>Architecture/Park Avenue Warehouse – approval of entire project<br>Classroom upgrades – approval of entire project<br>Parking Lot and Road Improvements |
| February 20, 2015 | Perry Stadium improvements   |
| June 18, 2015     | Moseley Hall – approval of final design and construction<br>University Hall – approval of final design and construction (approval date subject to change)  |

Enabling projects will be defined, phased and scheduled for Board approval as warranted.

- » Campus Operations budget and revenue to support it
- » Decisions on construction of new buildings
  - » Determined through 2010 Master Plan process
  - » Bidding process to select construction firms
  - » Centennial, Falcon Heights, Carillon, Oaks
  - » WCH/Falcon Health Center, Aviation building
- » Amount of bonding – defer response



- » Upholding of standards within Climate Action Plan/PCC
  - » Energy: 20% reduction (Lighting, BAS, heat plant, building controls, LEED certification), local demand response, geothermal study, prepare overall sustainability master plan
  - » Transportation: shuttle bus, electric vehicle charging stations, bio-fuel powered lawn mowers, campus vehicle fleet reductions, promote bike usage/bike paths
  - » Solid Waste: increased recycling, donations of surplus supplies, green office certification, composting, reduction of dining waste
  - » Education and research: centralized office sustainability, academic department, internships and service opportunities
  - » Other actions
    - » Student Green Initiatives Fund
    - » Prioritize energy conservation/sustainability in capital planning/design and construction policies
    - » LEED policy – minimum of LEED silver

- » Relocations of programs
  - » 2010 Master Plan – academic core strategy
  - » Enabling moves
  - » Math emporium location
  - » Accreditation/grants – Architecture, MMA
  - » Historical value – 2010 Master Plan Facility Analysis
- » Integrity of campus architecture/design guidelines
- » Question faculty should be asking – how to be constructively involved?
- » Our question – how to better communicate about the master plan?



# Design Continuum



IMITATIVE



CONTEXTUAL



A-CONTEXTUAL

## “Contextual” Design

What is “Contextual” Design?

- *Contextual design refers to the practice of tailoring a design to a specific context or setting*
- *Features that inform context may include:*
  - *History of the site*
  - *Existing open spaces and circulation*
  - *Architectural style of adjacent buildings*
  - *Climatological characteristics of the site*
- *A building may respond with its materiality, texture, massing, scale, and connections to adjacent open spaces*



*Union Quad: 80+ years of “Contextualism”*

## Concepts – Heritage

### Traditions

- *These enduring buildings represent an invaluable piece of the campus fabric*
- *Any renovations made to the campus's existing facilities—particularly historic buildings—should respect their quality and character*

### Mid-Century Modernism

- *Should have strong interior and exterior visual and physical connections*
- *A large portion of the campus was developed in the 1960s, and many campus buildings are now verging on 50 years of age*
- *They should also be viewed as a part of the campus' heritage*



*Traditions (Univ Hall)*



*Mid-Century Modernism (CBA)*

## Design Language

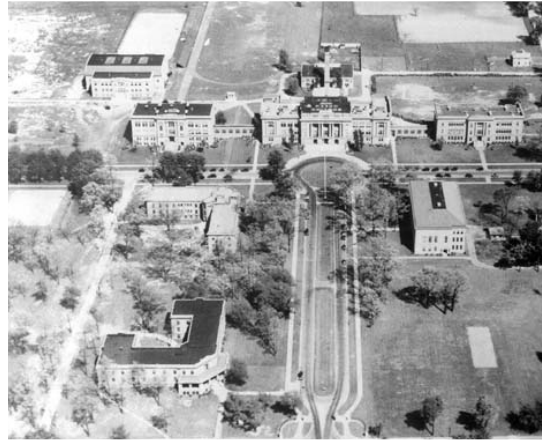
- *Reinforce relationships between campus open spaces and define clear boundaries for courtyards and quads*
- *Respond to existing massing, materiality and scale of adjacent structures*
- *Design buildings to engage with open spaces at the ground level*
- *Strong horizontal architectural language is present in many of BGSU’s existing buildings*
- *Vertical elements may be used as accents to add visual interest*



Contextual Design

## Heritage

- *Buildings of heritage value on the campus will be preserved*
- *Renovations will be made with respect to their quality and character*

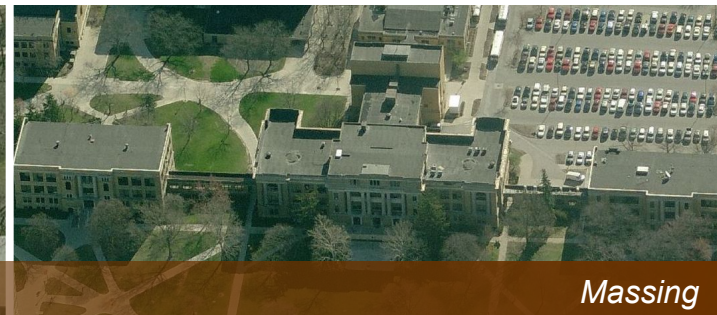


## Massing

- *The height and massing of new buildings will be balanced with and proportional to adjacent open spaces*
- *Buildings will be low and “connected” to the earth with strong horizontal elements*



Heritage



Massing



## Contextual Open Space

### Simple Landscape

- *Buildings should be open at the base*
- *There should be a balance between informal tree canopy and open lawn areas*

### Circulation & Entries

- *Pedestrian routes should have a clear hierarchy*

### Programming

- *Areas of high activity within a building should be clustered around exterior open spaces*



*Informal BGSU landscape*

## Facades

- *Clear visual hierarchy*
- *Most open and programmatically varied at the ground level*
- *Fenestration and the articulation of facades will conform to a regular grid pattern*
- *Fit within their immediate context*
- *Emphasize the interplay of light and shadow*

## Materiality

- *Materials should be regional*
- *New construction to utilize consistent brick colors where brick is specified*
- *New glazing to be clear glass and be consistent across the building*



Materiality

## Concepts – “A-Contextual” Design

### Design as Counter-Point

- *As a general rule, a minimum of 50% of a building’s exterior must be contextual*
- *However, distinctive design elements may be used as a contrast to the surrounding context.*
- *It is not the goal of BGSU to create a homogeneous campus aesthetic; new buildings should be unique to their time and place, but also respond to their surrounding context.*

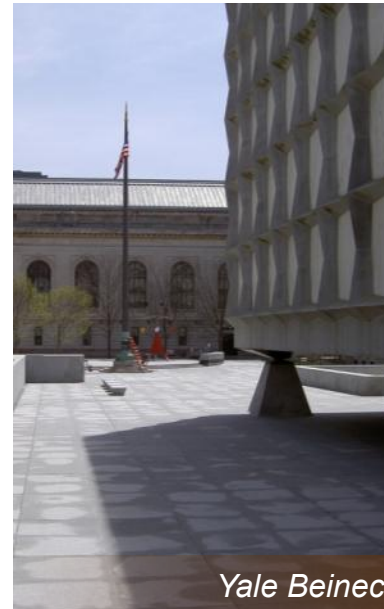


*British Museum with glass dome as counter-point*



### Landmarks as Visual Focus

- *An aesthetically distinctive structure can serve as a campus landmark.*
- *Such structures—which may “break” the rules of the existing campus vocabulary—should be used sparingly and with purpose.*



*Yale Beinecke Library as counter-point*

