



MASTER PLAN

COLLEGE OF ARTS & ARCHITECTURE
PENN STATE UNIVERSITY

February 15, 2011

Master Plan - Contents



- Objectives
- Challenges
- Immediate Priorities
- Master Plan Graphic: Immediate Priorities
- Long – Term Possibilities
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Master Plan - Objectives

- Produce a Master Plan for the College of Arts & Architecture
 - Guide decisions about Esber
 - Inform long-term investments in facilities
 - Address the College Strategic Plan
- Create an Identifiable Arts District to foster public mission
- Focus on Immediate Priorities
- Review Big Ideas for the Future
- Integrate Arts & Architecture Master Plan into the UP Campus Master Plan



Master Plan - Challenges



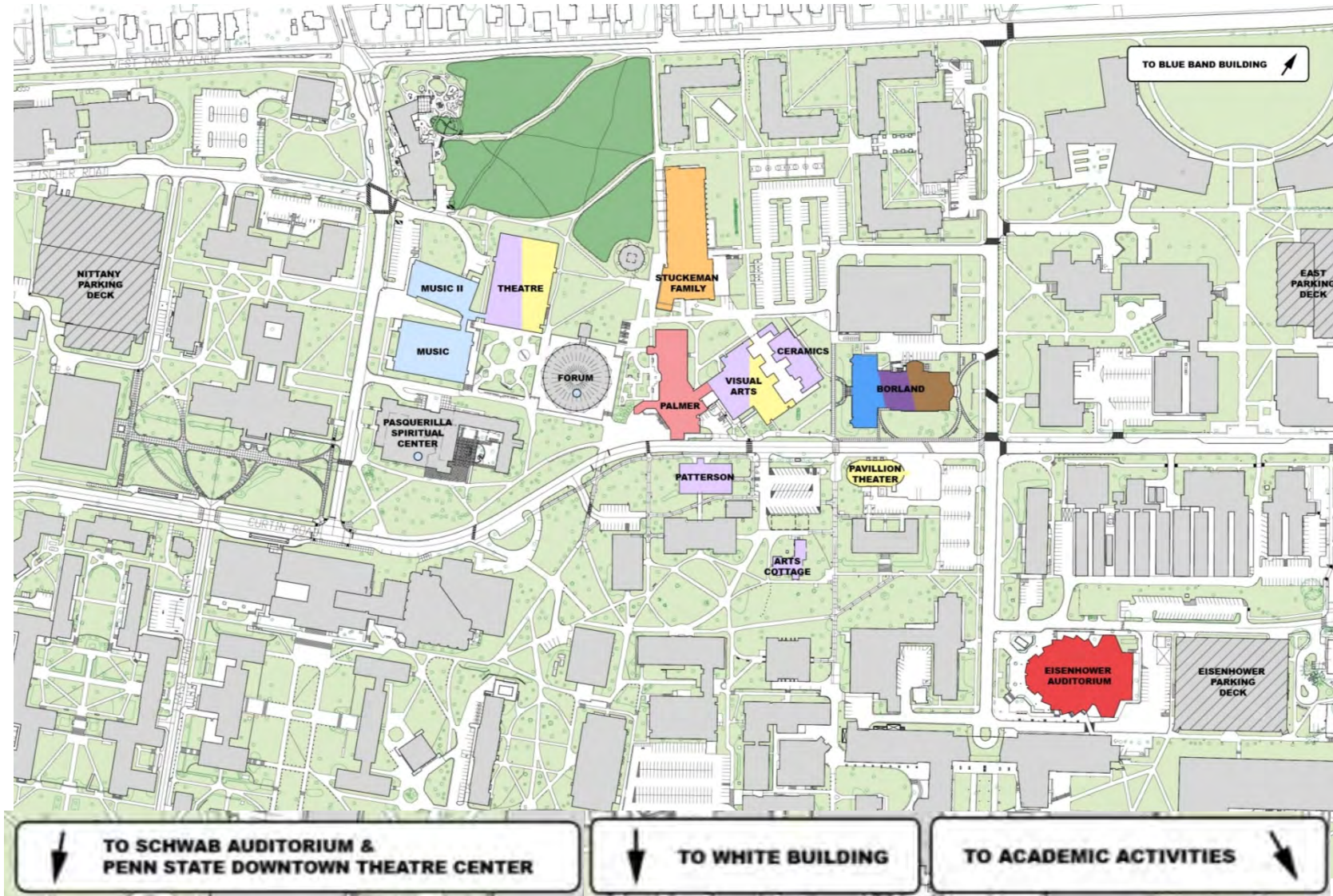
- Significant backlog of **major maintenance** projects
 - Implications for ADA, HVAC, and other comfort issues.
- **No identifiable presence of the arts**; buildings hide creativity within
- Related programs are currently **too dispersed** to teach effectively
- **Deficiencies in laboratory spaces**---performance and visual arts spaces
- No appropriate space for **interdisciplinary design** (teaching for the future)
- Operating in environment of **restrictive** capital and operating **funding**

College of Arts and Architecture

- Department of Art History
- School of Music
- School of Theatre
- School of Visual Arts
- Stuckeman School
 - Department of Architecture
 - Department of Landscape Architecture
 - Graphic Design Program
- Center for the Performing Arts
- Palmer Museum of Art



College of Arts & Architecture Building Use by Department



- MUSIC
- VISUAL ARTS
- SALA
- THEATRE
- CENTER FOR THE PERFORMING ARTS
- INTEGRATIVE ARTS
- ART HISTORY
- ADMIN
- PALMER
- PARKING

Master Plan Program

Immediate Priorities

Facilities

- School of Music
 - New Recital Hall
 - Renovate Esber into large ensemble rehearsal space (Music I)
 - Moderate Renovation of Music I (sound isolation, etc.)
- Moderate acoustical renovations to Eisenhower
- Collaborative Design Labs / Visual Arts Expansion

Landscapes

- Allen Street Entrance to the Arts
- Arts Entry Plaza (Phase I)
 - Integral to New Recital hall
- Curtin Road Plaza at Visual Arts
 - Integral to Collaborative Design Labs / Visual Arts Expansion

SCHOOL OF MUSIC
RECOMMENDATIONS

Shortcomings of Facilities to meet needs of School of Music

School of Music

- School lacks a proper recital space (Esber)
 - Integral part of curriculum, 325 recitals per year
- School lacks a proper large ensemble rehearsal space
- School has outgrown current ensemble spaces
- School lacks a proper large concert venue

Eisenhower, Downtown Theatre, and Schwab do not meet the needs of the School of Music

- Eisenhower Auditorium: Large Lyric Theatre
- Downtown Theatre: Theatre venue
- Schwab Auditorium: Multi-purpose facility; stage is small

Deficiencies of Existing Esber Recital Hall

Acoustics

- Inadequate acoustical space due to its **lack of volume** and **shape**
- Parallel house left and right walls create **sound fluttering**
- Stage left and right doors create **poor acoustical** conditions
- Front edge of the stage does not align with the acoustical reflector above
- Hall is **poorly isolated** from the rest of the building
- Existing mechanical systems and infrastructure transmit **mechanical noise** and vibrate
- Existing acoustical draperies are at the end of their useful life

Lobby, House, and Stage

- Not a proper “**public face**” of the School of Music and the College of A&A
- Existing **stage not large enough**
 - Only holds 20 optimal: target 45
- **No ADA access** to main lobby
- Inadequate lobby space and patron amenities
- Lack of performer support spaces back stage

Major Maintenance

- HVAC systems and lighting are at **end of life**

Addressing Immediate Priorities: Solve Esber

Findings

- Esber Recital Hall is not an adequate recital space for the School of Music
- Very disruptive and costly construction to renovate Esber into an adequate recital hall
- Esber could be converted into superior rehearsal spaces

Alternatives

Acoustical Grades

- | | |
|---|--------------|
| A. Existing Hall: address Major Maintenance (MM) | 4 out of 10 |
| B. Moderate Renovation of Esber | 7 out of 10 |
| C. New ground-up Recital Hall + Renovation of Esber into new large ensemble rehearsal space | 10 out of 10 |

Addressing Immediate Priorities: Solve Esber - Alternatives

- A. Existing Hall: address MM (\$2.5-4.0 M)
 - Do nothing except address MM
 - Scope includes HVAC and lighting in hall, with minor finish upgrades
 - **No large ensemble rehearsal space**
 - No sound isolation
 - Stage remains the same
 - Acoustical Grade: 4 out of 10
 - Seat count stays the same

- B. Moderate Renovation of Esber (\$5.0-6.0 M)
 - Renovates the Hall itself
 - Scope includes significant finish upgrades, change in geometry and MM scope
 - Roof elevation stays the same
 - **No large ensemble rehearsal space**
 - Mechanical noise significantly reduced, no adjacent space sound isolation
 - Stage size increased to optimally accommodate 45 musicians
 - Acoustical grade changes to 7 out of 10
 - Reduces seat count from 455 to 250; no balcony

Both options would close Esber for 12 months

Addressing Immediate Priorities: Solve Esber (Alt. C)

1. School of Music Facilities

- New Recital Hall
- Renovate Esber into Large Ensemble Rehearsal Space + small rehearsal music classroom
- Moderate Renovation of Music I

■ Scope of Work:

- Build a new 375 seat Recital Hall to the east of Music 1
- Renovate Esber into Large Ensemble Rehearsal Space and smaller rehearsal space/music classroom
- Minor renovation of ancillary Music 1 spaces adjacent to new rehearsal spaces, including sound isolation, mechanical, and electrical systems

■ Benefits:

- Creates an identifiable and engaging “public face” for the Arts
- New recital hall with acoustical grade of 10 out of 10
- Ideal rehearsal location adjacent to Music I
- Esber would not be renovated until after new recital hall is built

■ Cost: \$14-16M + Landscape

- Area: 11,000 GSF new construction + 18,000 GSF renovation



Addressing Immediate Priorities: Esber

DEFINITION: Recital Hall

► Similar PSU Facility: Esber Recital Hall

Program

Seats: 250-375

Number of Musicians: 45

Number in Choral Loft: 75

Uses

- Performance
- Rehearsal
- Teaching



Addressing Immediate Priorities: Esber

DEFINITION: Recital Hall

► Similar PSU Facility: Esber Recital Hall

Program

Seats: 250-375

Number of Musicians: 45

Number in Choral Loft: 75

Uses

- Performance
- Rehearsal
- Teaching



Addressing Immediate Priorities: Esber

DEFINITION: Recital Hall

► Similar PSU Facility: Esber Recital Hall

Program

Seats: 250-375

Number of Musicians: 45

Number in Choral Loft: 75

Uses

- Performance
- Rehearsal
- Teaching



Addressing Immediate Priorities: Esber

DEFINITION : Large Ensemble Rehearsal Space

► Similar PSU Facility: 128 Music 2 (accommodates 80, need for 120)

Program

Seats: NA

Number of Musicians: 120

Uses

- Rehearsal
- Practice
- Teaching

Ideal Dimensions of Space: 3120 NSF
(48' X 65')





Center For Performing Arts
EISENHOWER AUDITORIUM
RECOMMENDATIONS

Addressing Immediate Priorities: Priority Two

2. Eisenhower moderate acoustical renovations

- Acoustically grading potential on a Scale from 1 to 10 (for Large Lyric Theatre)
 - Existing Eisenhower Auditorium: 7
 - Eisenhower - - Light Renovation: 9

- Why is this a priority?
 - Eisenhower requires near-term maintenance investment
 - Improvements will enhance lyric and concert performances in the short term
 - Acoustical Improvements for School of Music in absence of a Concert Hall (provides options)
 - ADA issues need addressed



Addressing Immediate Priorities

DEFINITION: Large Lyric Theatre

- Similar PSU Facility: Eisenhower Auditorium

Program

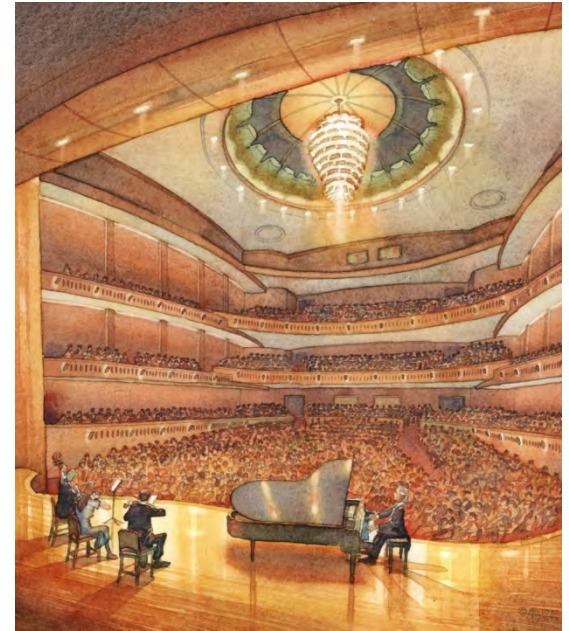
Seats: 2200

Uses

- Performance
- Rehearsal

2. Eisenhower moderate acoustical renovations

- Scope of Work:
 - New orchestra shell + storage
 - Acoustical reflector
 - ADA renovations
 - Partial asbestos abatement / partial encapsulation
 - Lighting
- Cost: \$5.5-6.5M
- Area: Reduction of 200 seats for ADA renovations
Final seat count approximately 2,300



COLLABORATIVE DESIGN LABS
and
SCHOOL OF VISUAL ARTS EXPANSION
RECOMMENDATIONS

Addressing Immediate Priorities: Collaborative Design Labs

DEFINITION

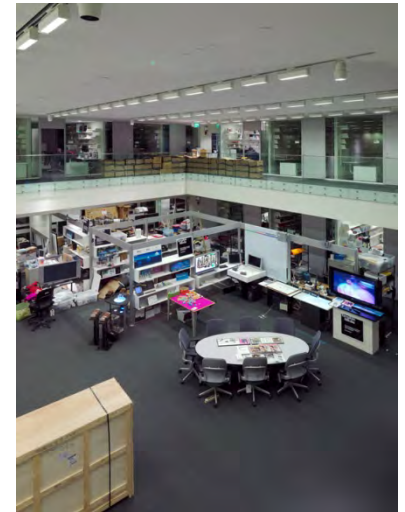
- ex. New Media Labs, Digital Fabrication Labs, White Spaces
- Similar PSU Facility: None

- Why is this a priority?
 - Provide spaces that don't currently exist in the college
 - Accommodate emerging programs at intersection of all disciplines
 - Enhance opportunities for collaborative learning and research

- Uses:
 - Teaching
 - Research
 - Design activity
 - Critique

Ideal Dimensions of Space: Varies

Ideal Volume: Varies



Tangible Media Lab, MIT



Fabrication Laboratory, MIT

Addressing Immediate Priorities: Visual Arts Studio Classroom

DEFINITION

- Similar PSU Facility: 2nd Floor Visual Arts Building
- Why is this a priority
 - Studio spaces have been repurposed for dance, stage lighting, and audio convergence lab program expansions
 - Insufficient space and systems for types of material being used
 - Enhance opportunities for collaborative learning and research
- Uses:
 - Teaching
 - Research
 - Design activity
 - Critique

Ideal Dimensions of Space: Varies

Ideal Volume: Varies



Cleveland Urban Design Collaborative
Kent State University

Addressing Immediate Priorities: Priority Three & Four

3. Collaborative Design Labs (new to College): Area: 28,280 GSF

- Scope of Work:
 - New Media/Make Labs
 - Digital Fabrication Labs
 - White Spaces (Studio + Research Studio Labs)

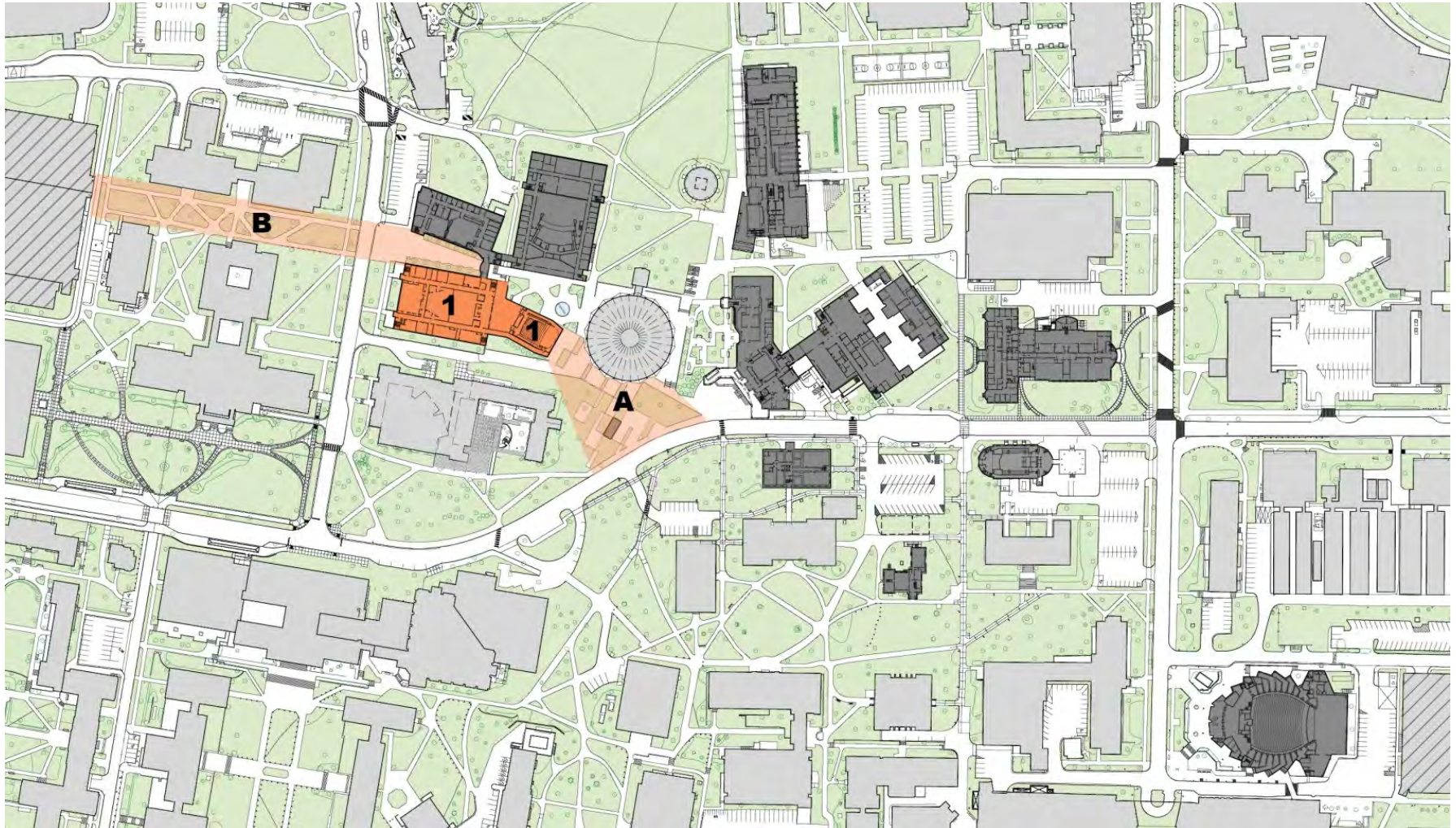
4. School of Visual Arts Expansion: Area: 35,262 GSF

- Scope of Work:
 - Long-term goal consolidates all visual arts program in expanded Visual Arts and Patterson
 - New student critique spaces and public galleries which don't currently exist
 - Expansion to the ceramics area to provide adequate space
 - New support shops for construction & fabrication along with foundation spaces from dispersed locations

3/4. Total Project: \$23.0-27.0 million (63,500 gsf)

MASTER PLAN
IMMEDIATE PRIORITIES
RECOMMENDATIONS

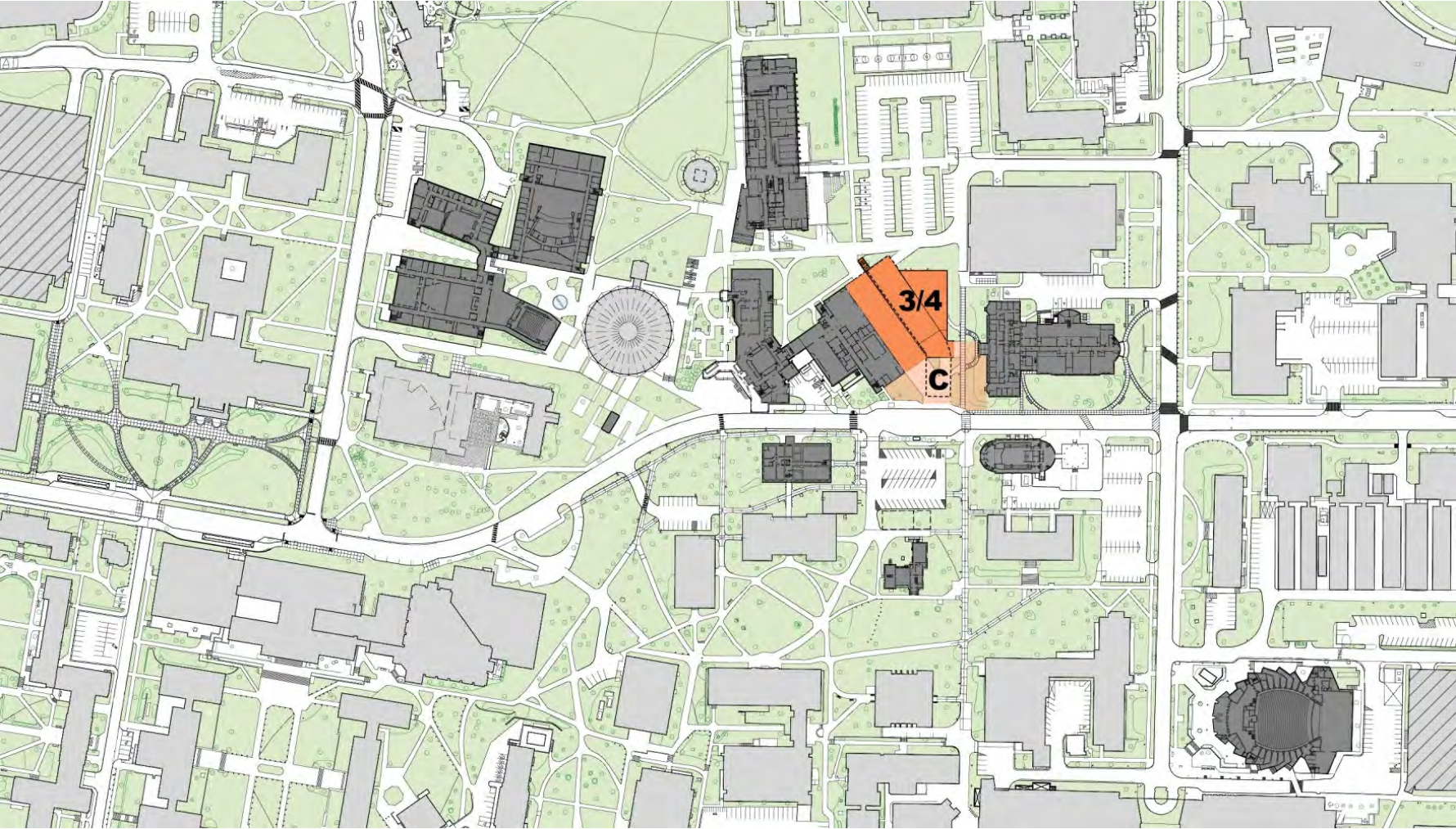
1. School of Music Facilities



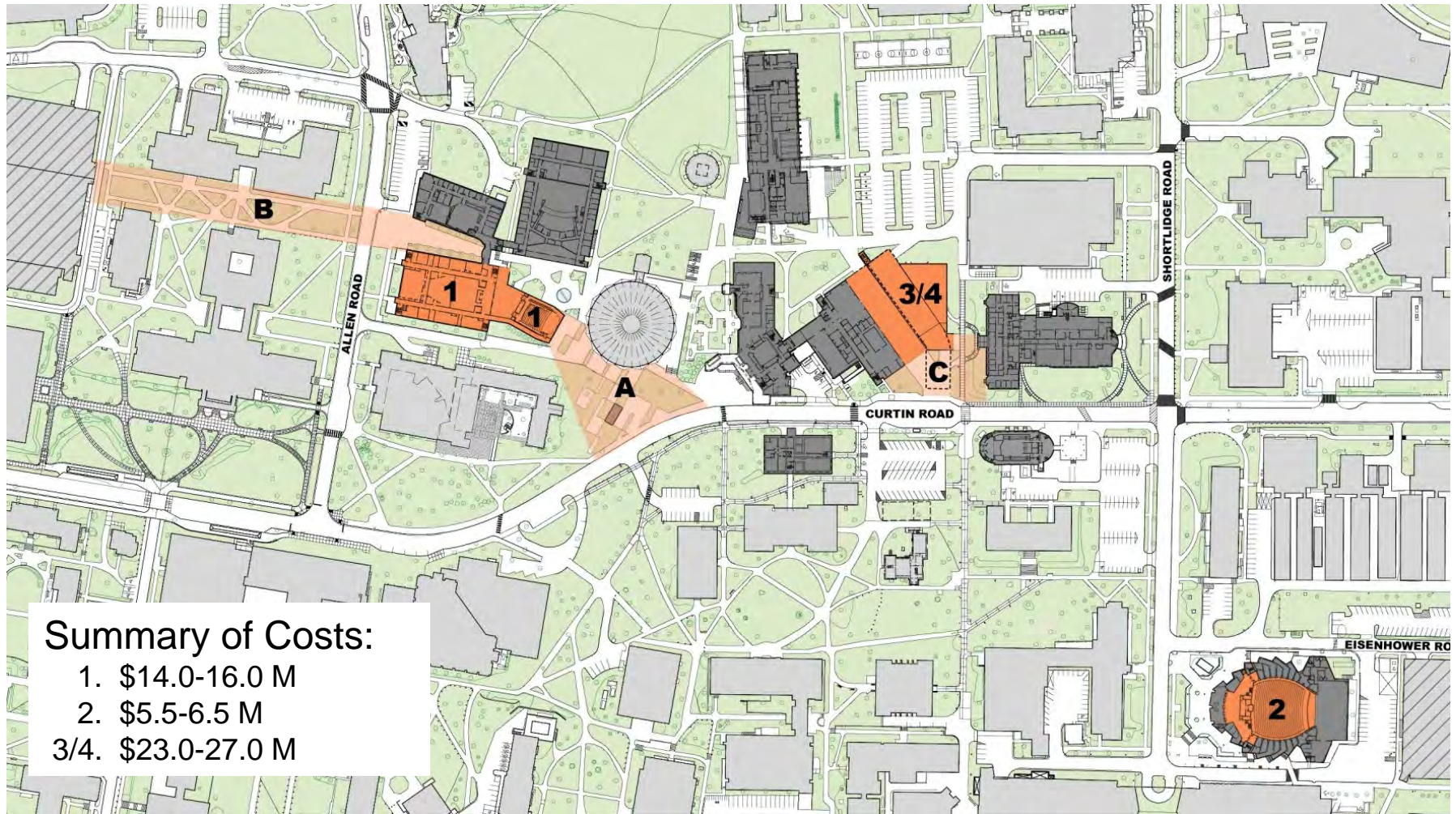
2. Eisenhower Moderate Acoustical Renovations



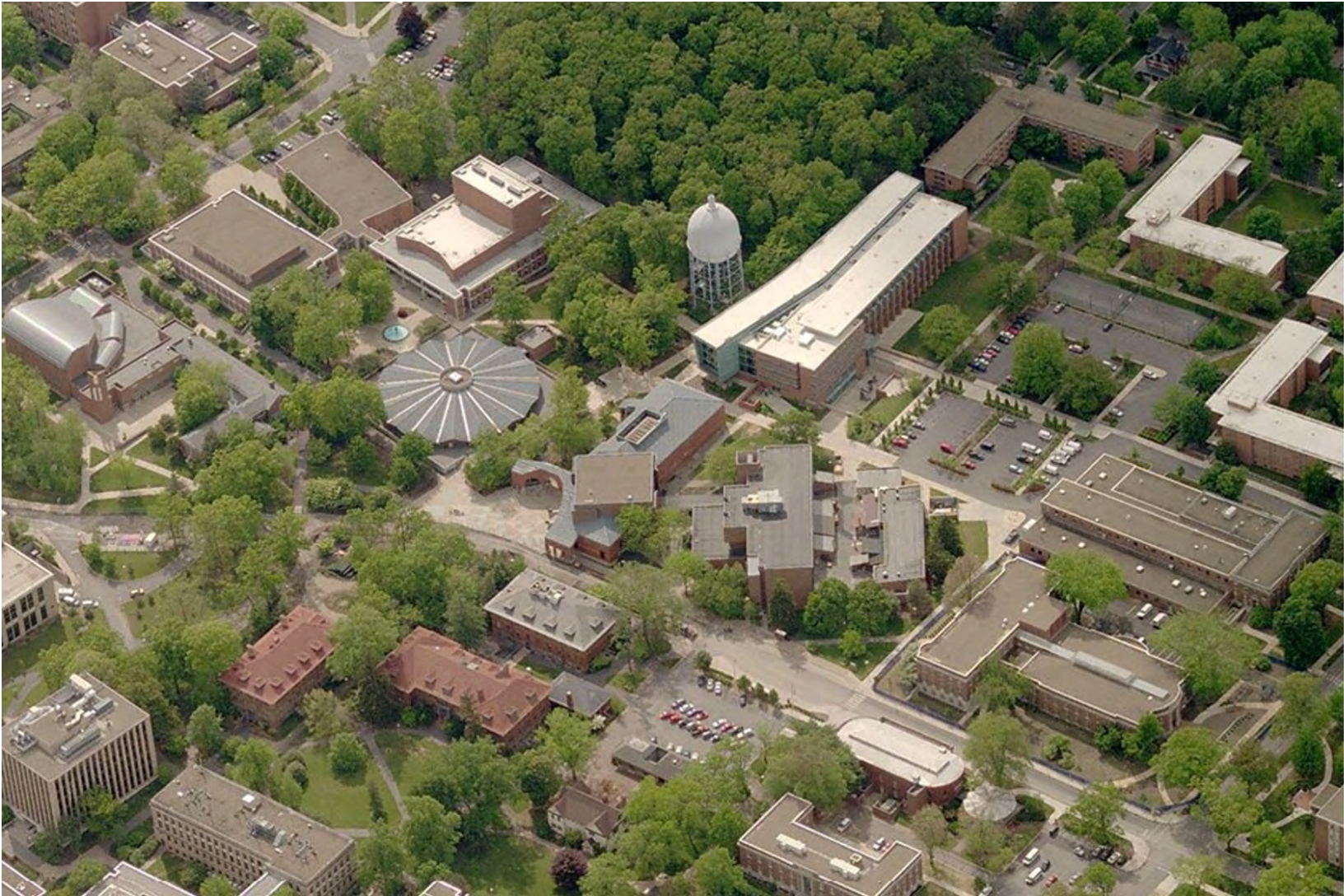
3/4. Collaborative Design Labs + Visual Arts Expansion



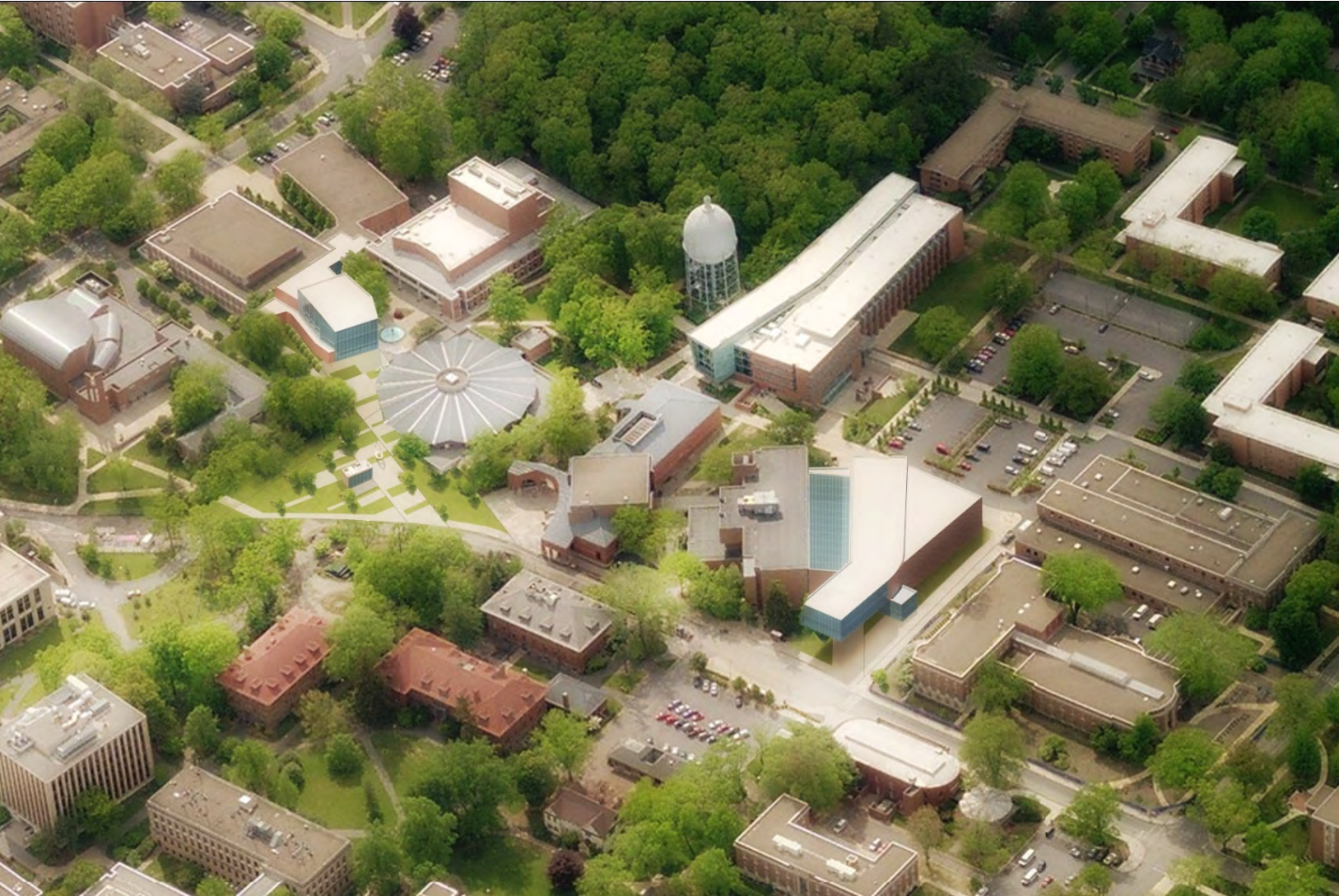
Immediate Priorities: Master Plan



Existing Aerial



Immediate Priorities: Aerial of Master Plan



MASTER PLAN
LONG-TERM POSSIBILITIES

Master Plan Program

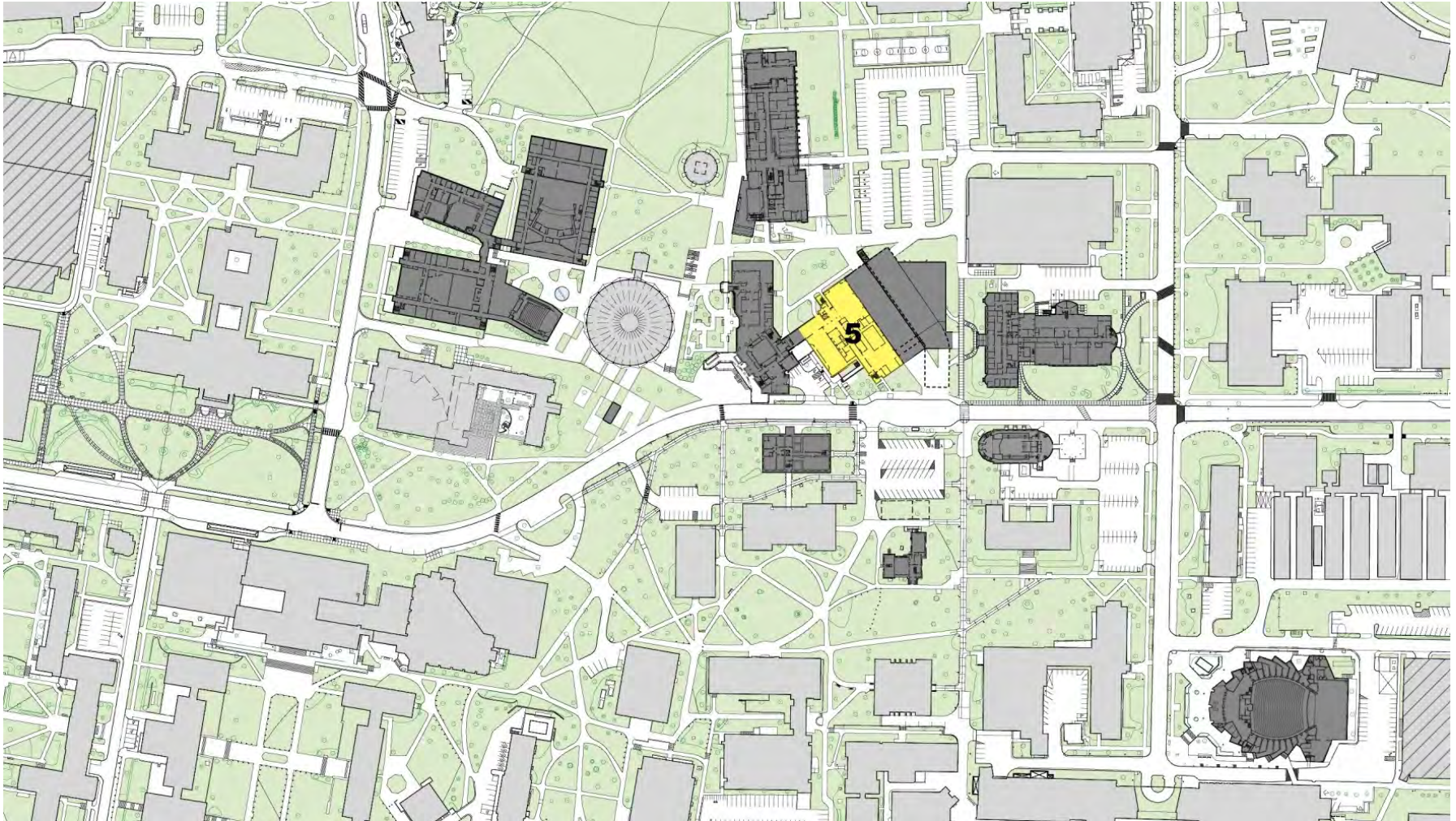
Long-Term Possibilities in the Master Plan

5. Visual Arts Building Renovations
6. Renovation of Patterson
7. Patterson Building Addition (Dance and Classroom Expansion)
8. Theatre Support (Labs + Multi-Media Soundstage, Addition to Playhouse Theatre)
9. Stuckeman Construction Lab
10. Renovation of Theatre Building
11. Concert Hall
12. Renovation of Pavilion Theatre
13. Schwab Modernization
14. Eisenhower Auditorium Expansion
15. Palmer Museum Expansion

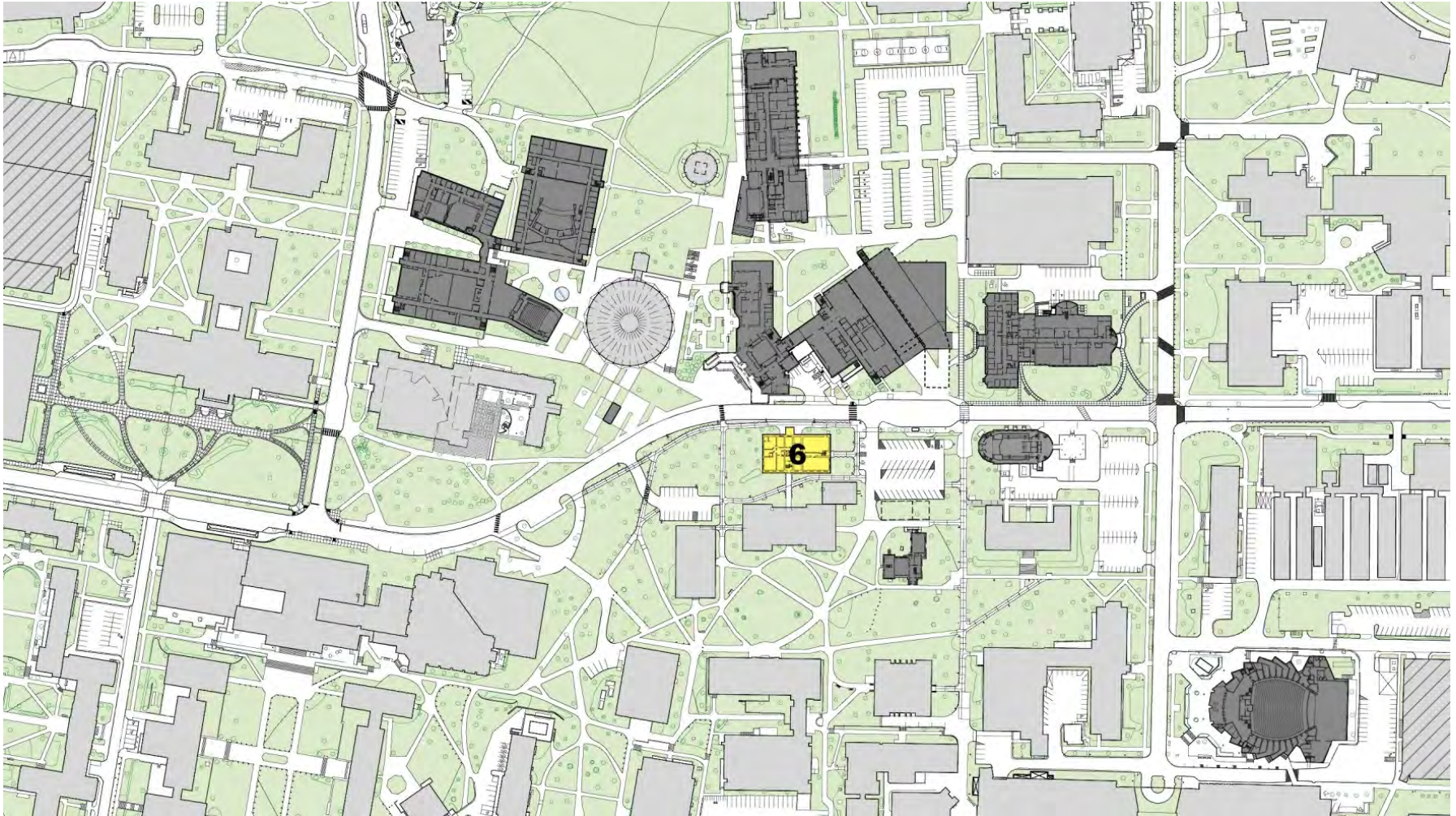
Enhanced Campus Civic Space: Arts District



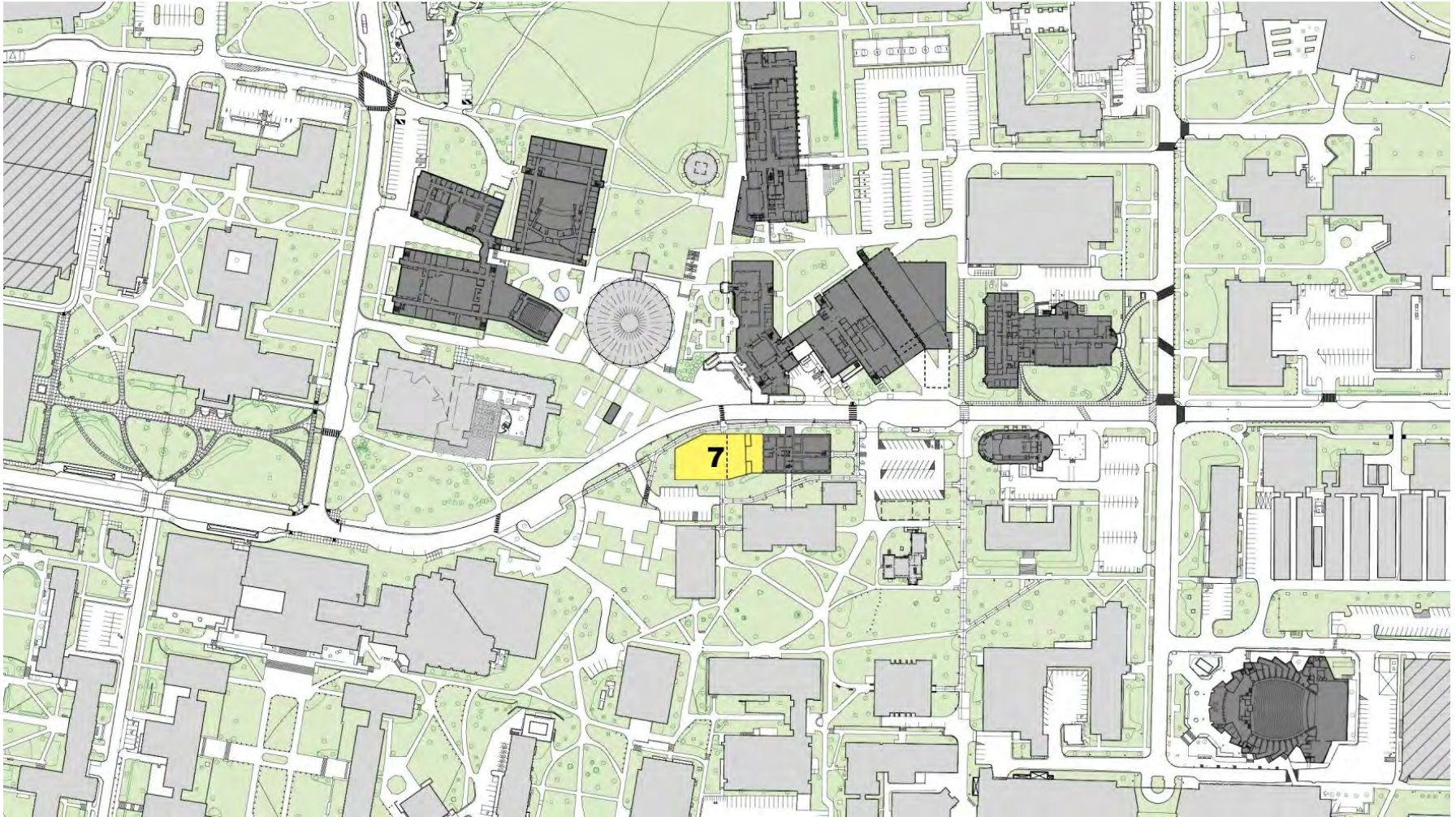
Long-Term Possibilities: Visual Arts Building Renovations



Long-Term Possibilities: Renovation of Patterson Building



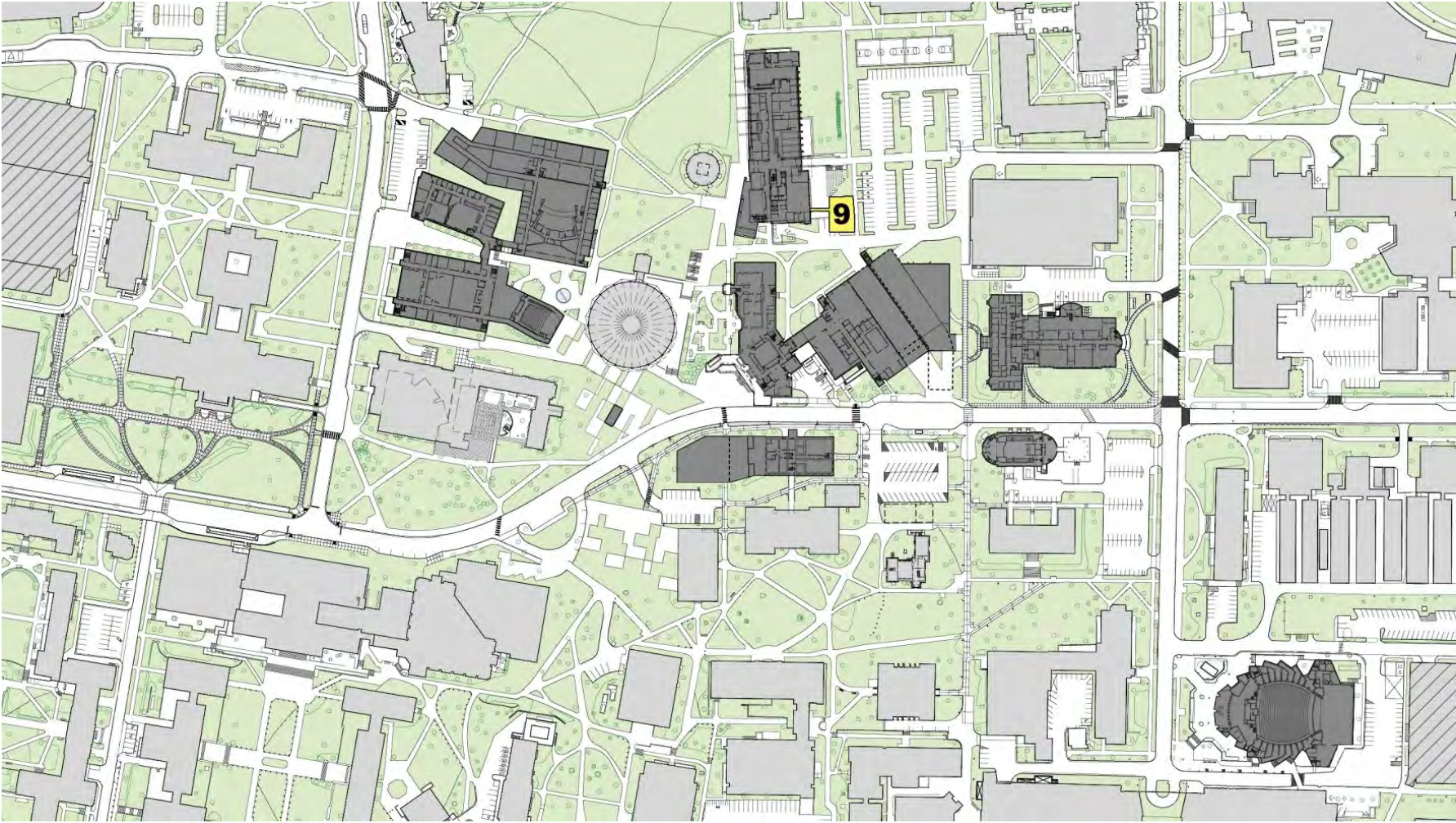
Long-Term Possibilities: Patterson Building Addition (Dance and Classroom Expansion)



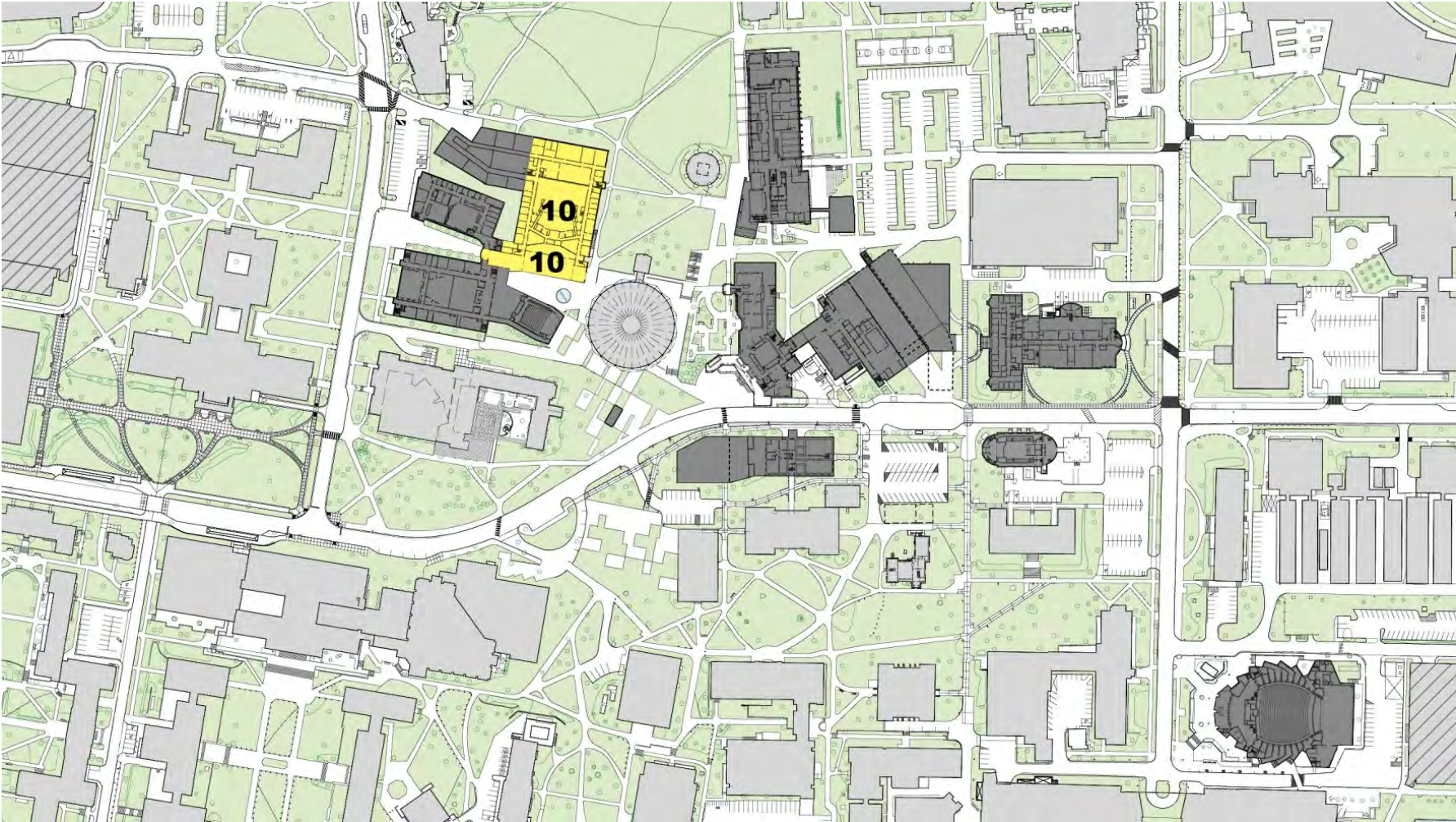
Long-Term Possibilities: Theatre Support (Labs + Multi-Media Soundstage, Addition to Playhouse)



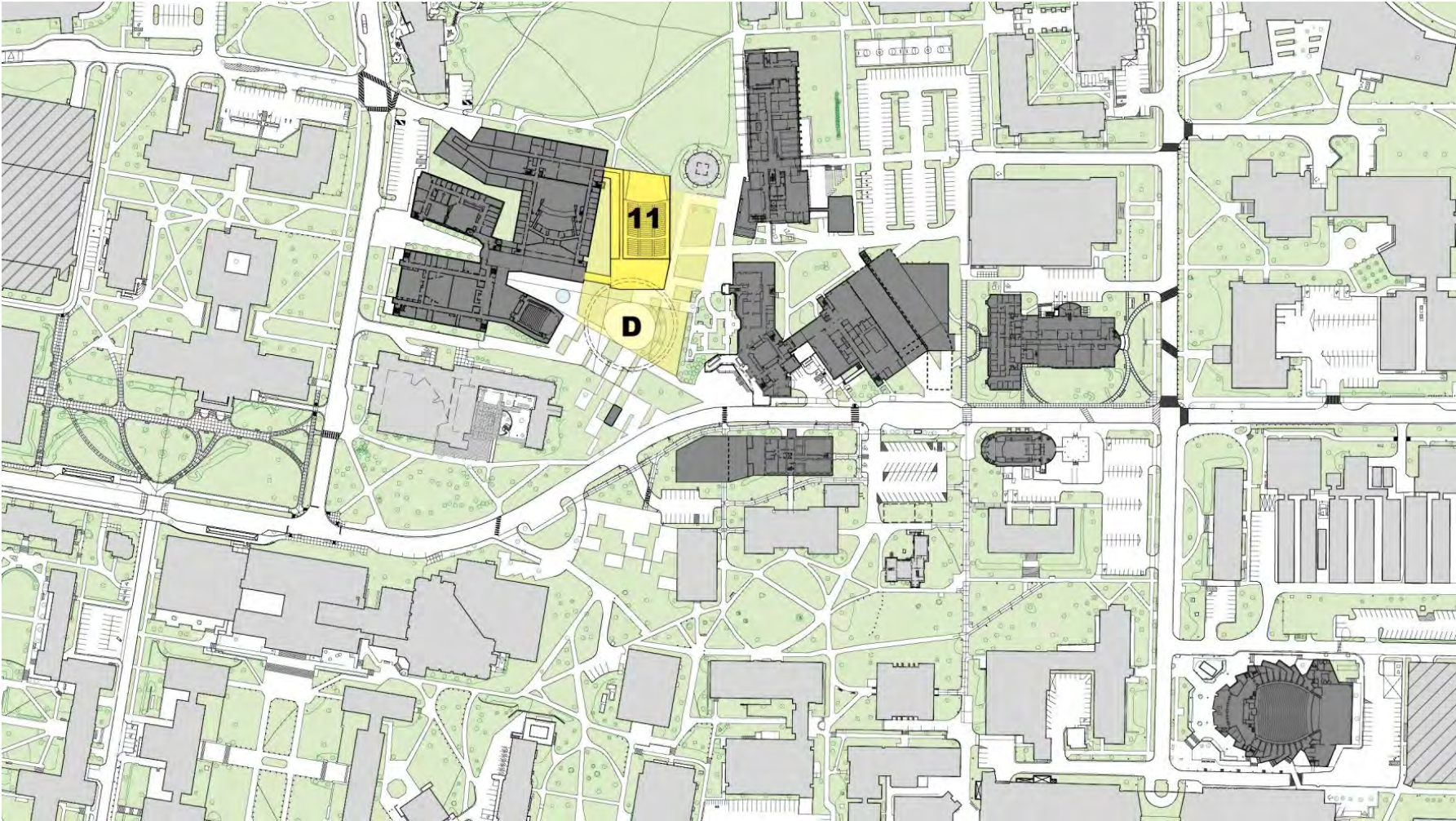
Long-Term Possibilities: Stuckeman Building Construction Lab



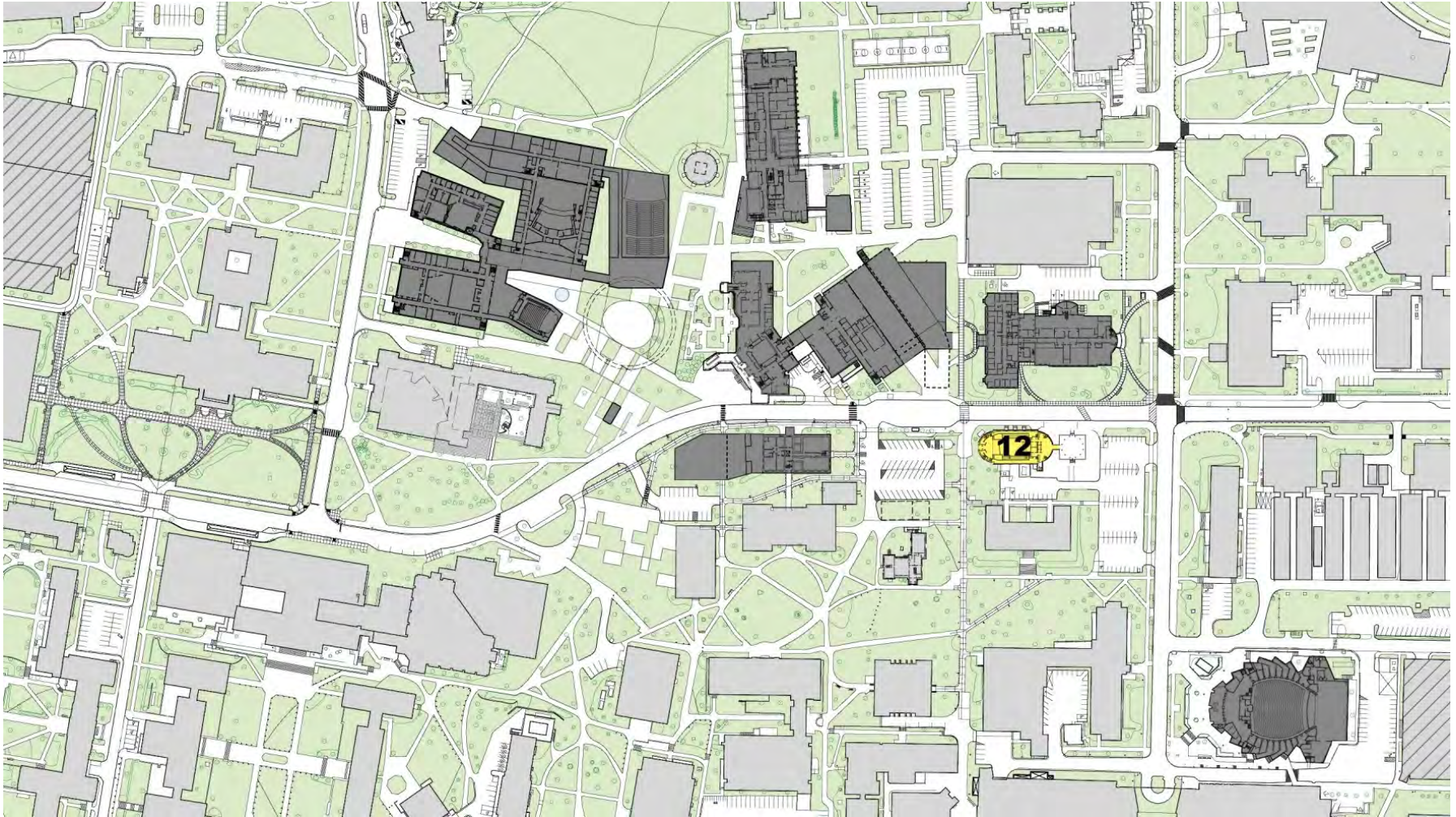
Long-Term Possibilities: Renovation of Theatre Building



Long-Term Possibilities: Concert Hall



Long-Term Possibilities: Renovation of Pavilion Theatre



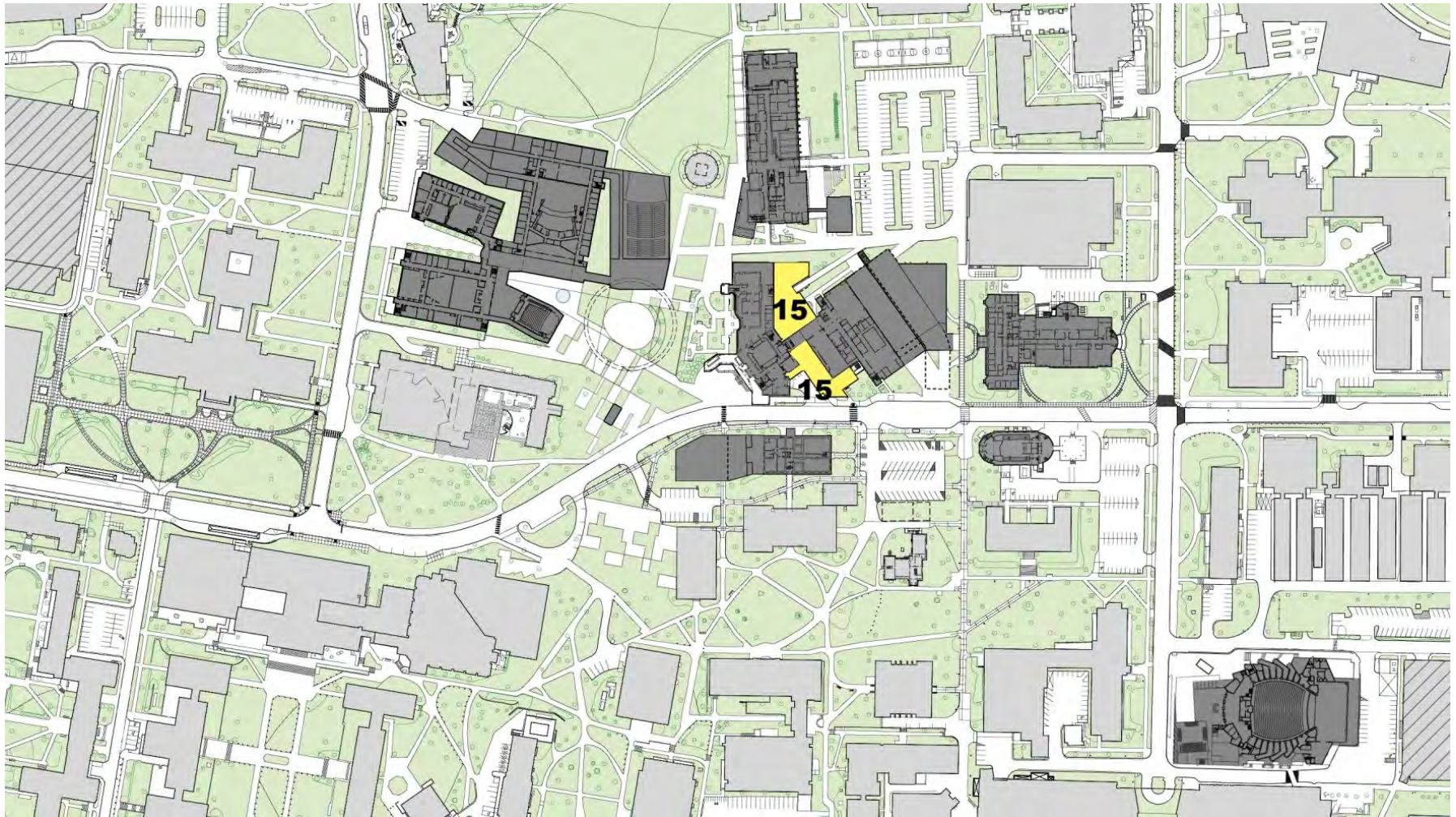
Long-Term Possibilities: Schwab Modernization



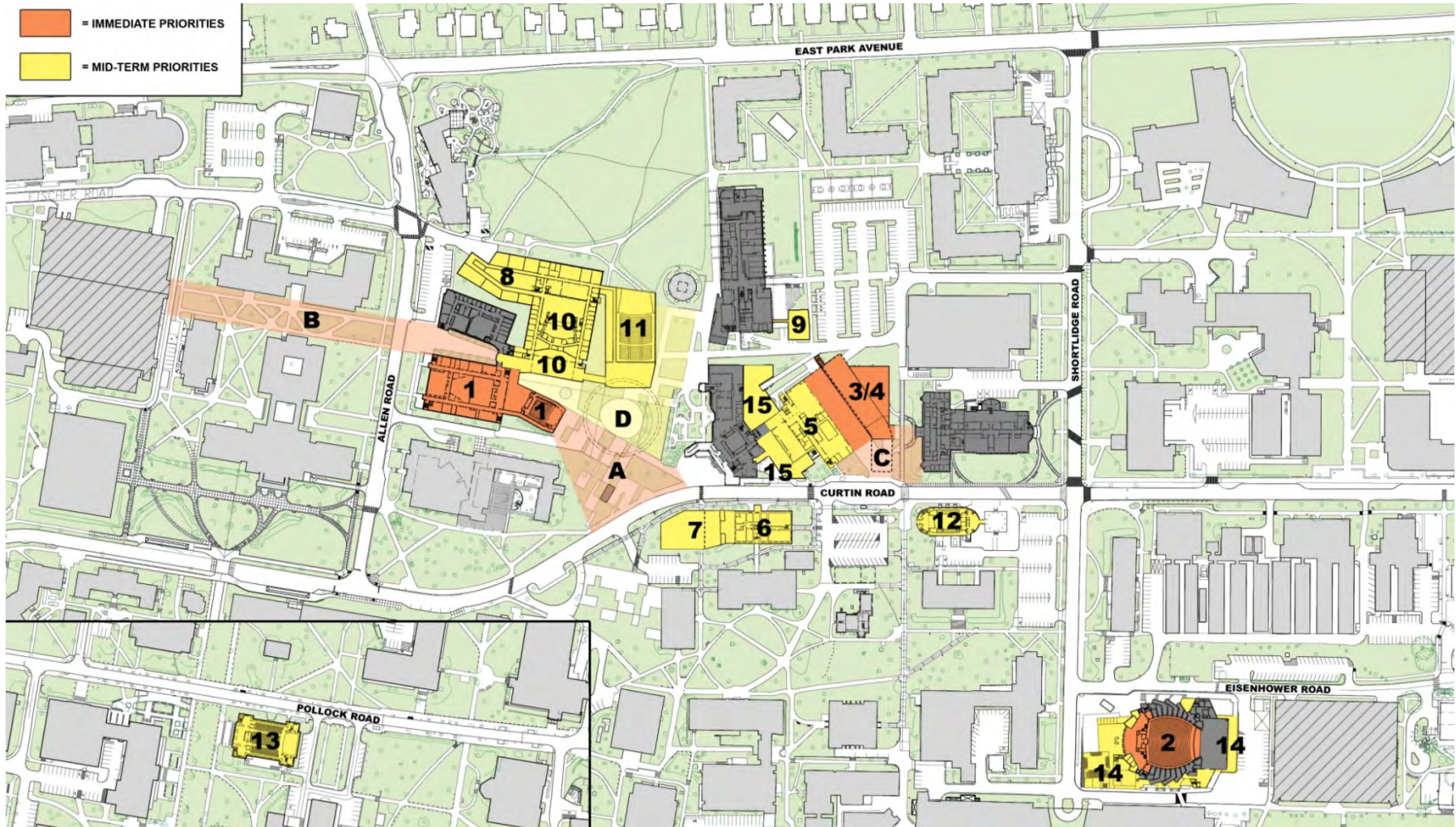
Long-Term Possibilities: Eisenhower Expansion



Long-Term Possibilities: Palmer Museum of Art Expansion



Proposed Master Plan for College of Arts and Architecture



Master Plan Concept



Existing Aerial



Master Plan Aerial: Long-term Possibilities





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