

# CLEVELAND STATE UNIVERSITY

2014 MASTER PLAN

DRAFT MASTER PLAN  
SEPTEMBER 9-10, 2014



SMITHGROUP JJR

# Contents.

- 1 Intro
- 2 DRAFT Master Plan
- 3 Phasing
- 4 Campus Systems
- 5 Next Steps

The Commons

# 1 WHO? Your Master Planning Team.

## SMITHGROUP JJR

PAULIEN & ASSOCIATES, INC.  
PLANNING CONSULTANTS

**Baker**

**corbindesign**  
People get lost. We fix that.®

 KNIGHT & STOLAR, INC.

-- Lead Consultant, Campus Planning and Design

-- Academic Space Planning

-- Campus Mobility (Parking + Transportation Systems)

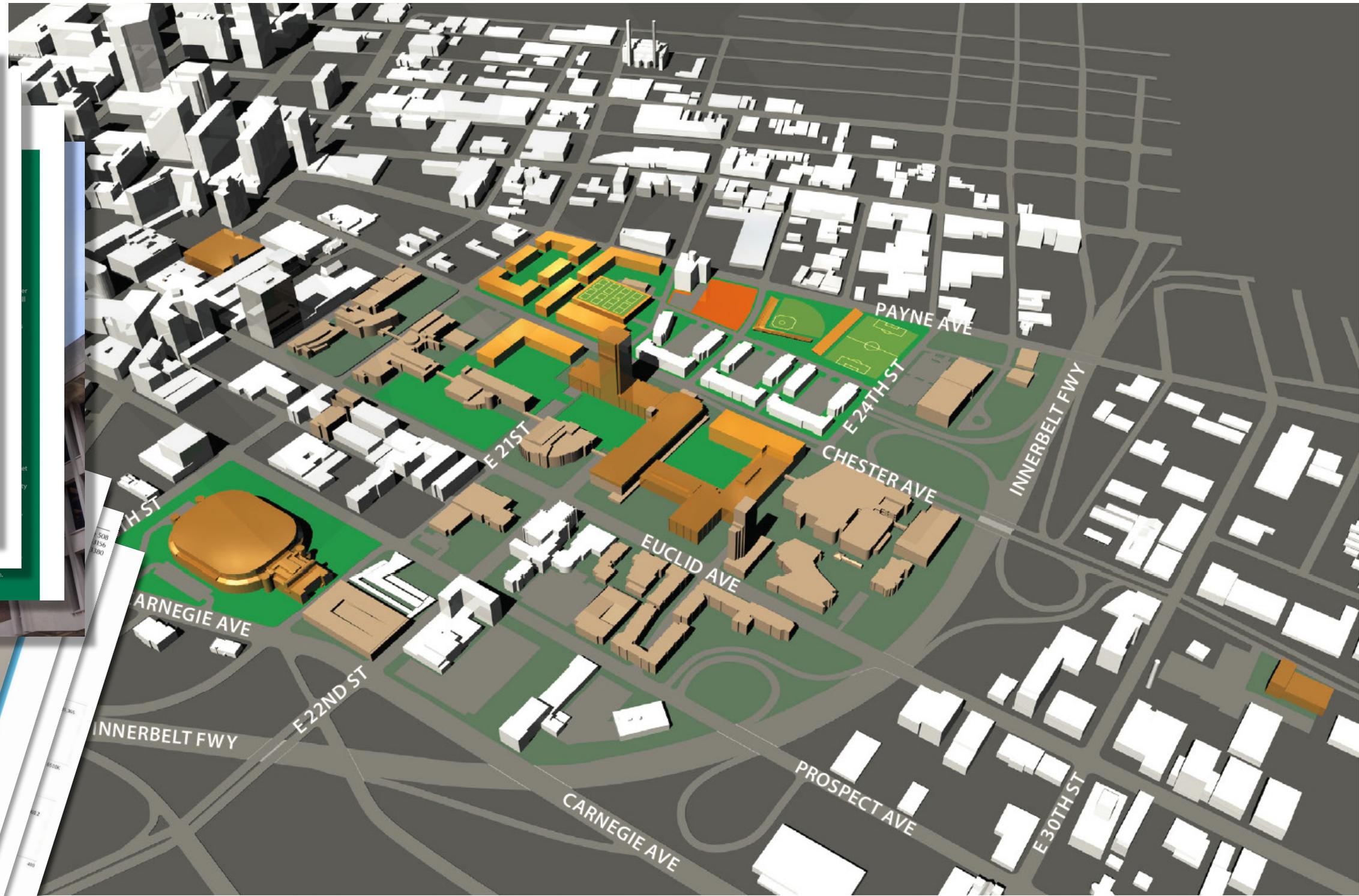
-- Campus Wayfinding

-- Local Landscape Architecture

# 1 WHAT? Draft Master Plan Recommendations.



**CLEVELAND STATE UNIVERSITY**  
2014 CAMPUS MASTER PLAN



scheduled hours. The consultant was able to parse through those analyses and find that 75% of them showed a campuswide classroom usage of about 27 hours per week, which is less than what the consultant would expect at a state University.

PAULIEN & ASSOCIATES



1

# WHERE? Campus Context.

- Main Campus, Downtown
- 85 Acres, 40 Buildings, 5.3M GSF
- 17,500 Students
- 200 Academic Programs
- Campus District Anchor



# 1

## WHY? Plan Drivers.

### Context:

- Downtown Cleveland Renaissance and Residential Growth Adjacent to Campus
- Record-Breaking Freshman Class
- Projected Cuyahoga County Population Decrease
- Changes in State of Ohio Funding Formulas
- 50<sup>th</sup> YEAR ANNIVERSARY!

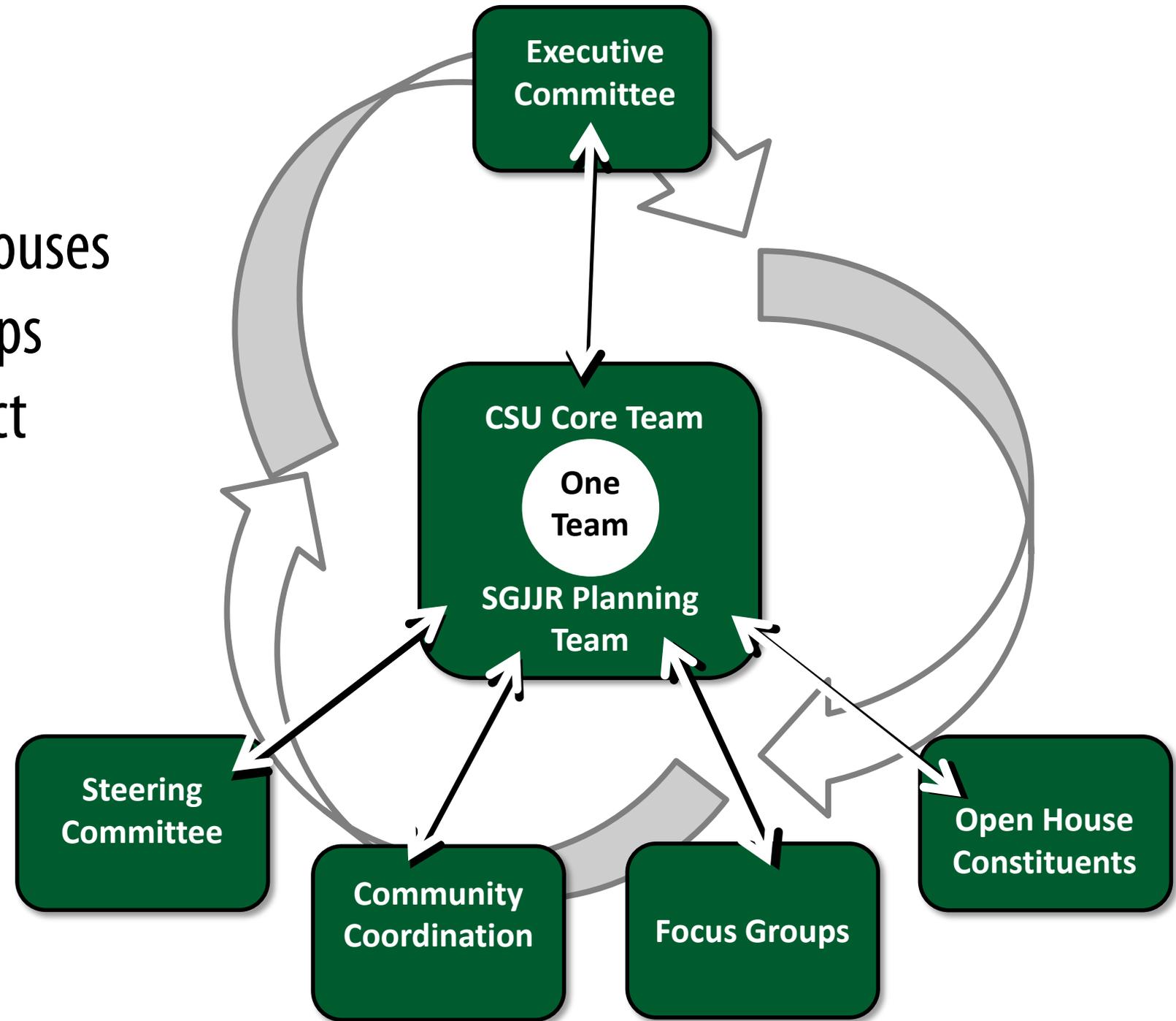
### Response:

- Enhance Academic and Research Reputation
- Improve CSU Student Experience and Student Success
- Manage Resources in Fiscally Challenging Times



# 1 HOW? Comprehensive, Milestone-Oriented, Consensus-Based

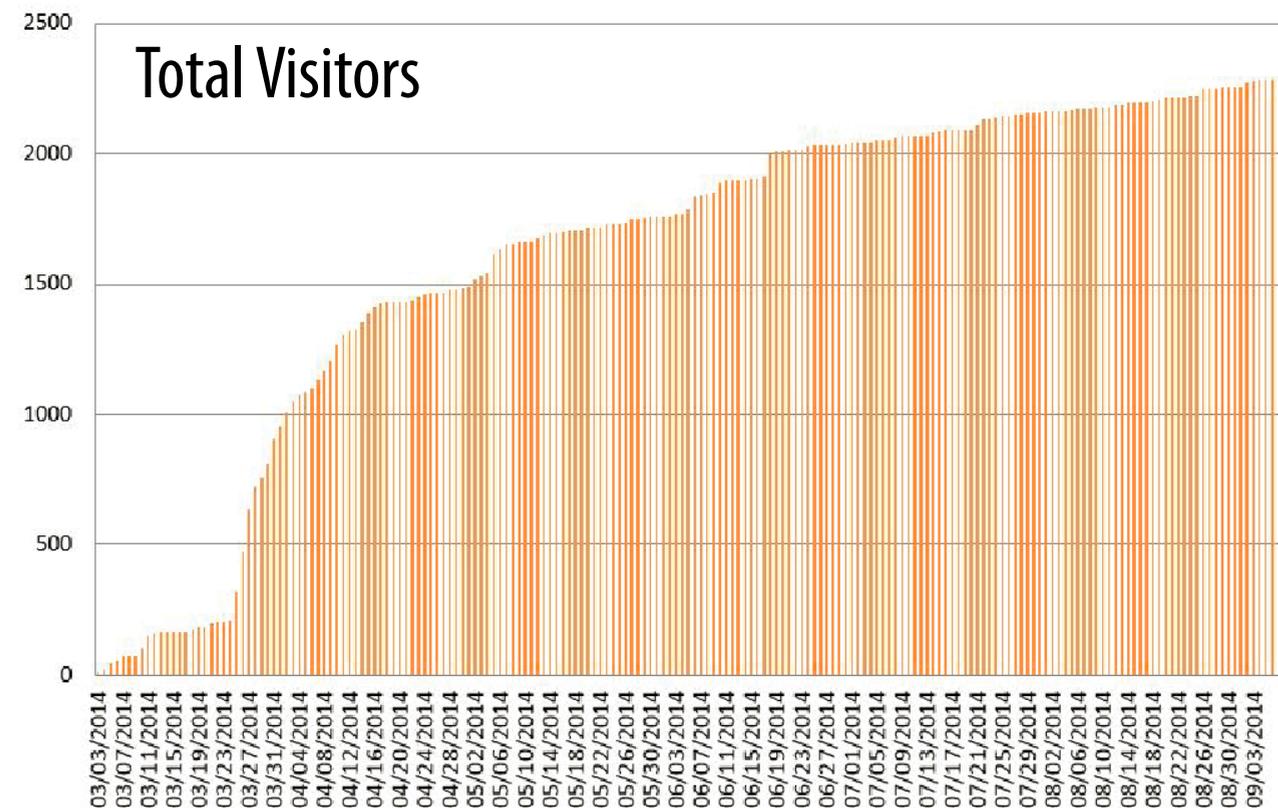
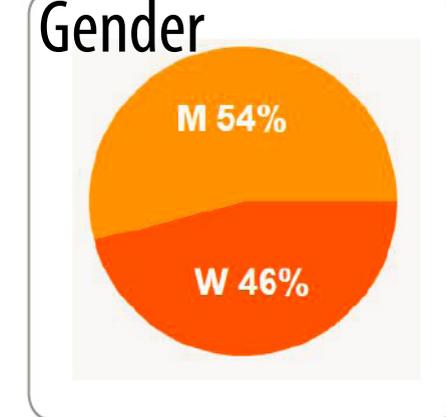
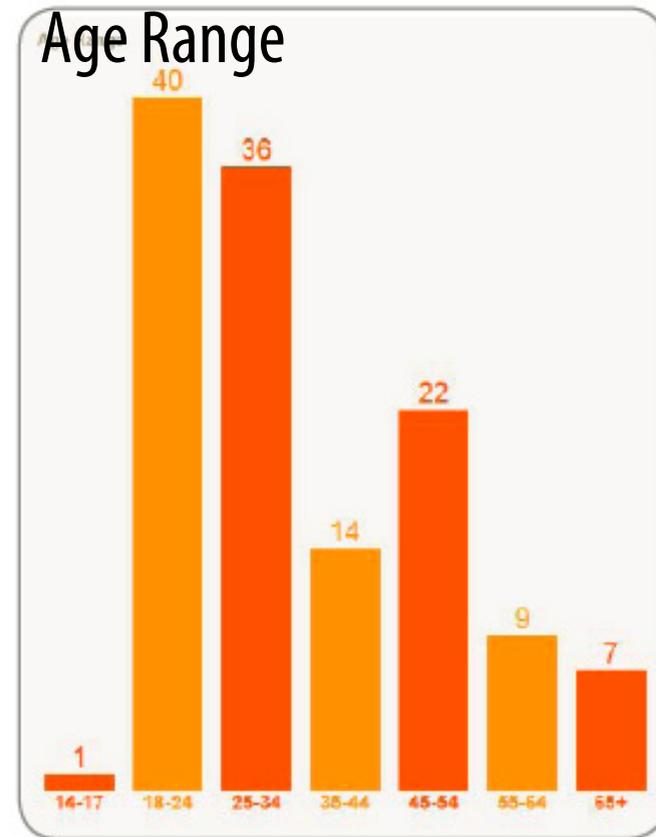
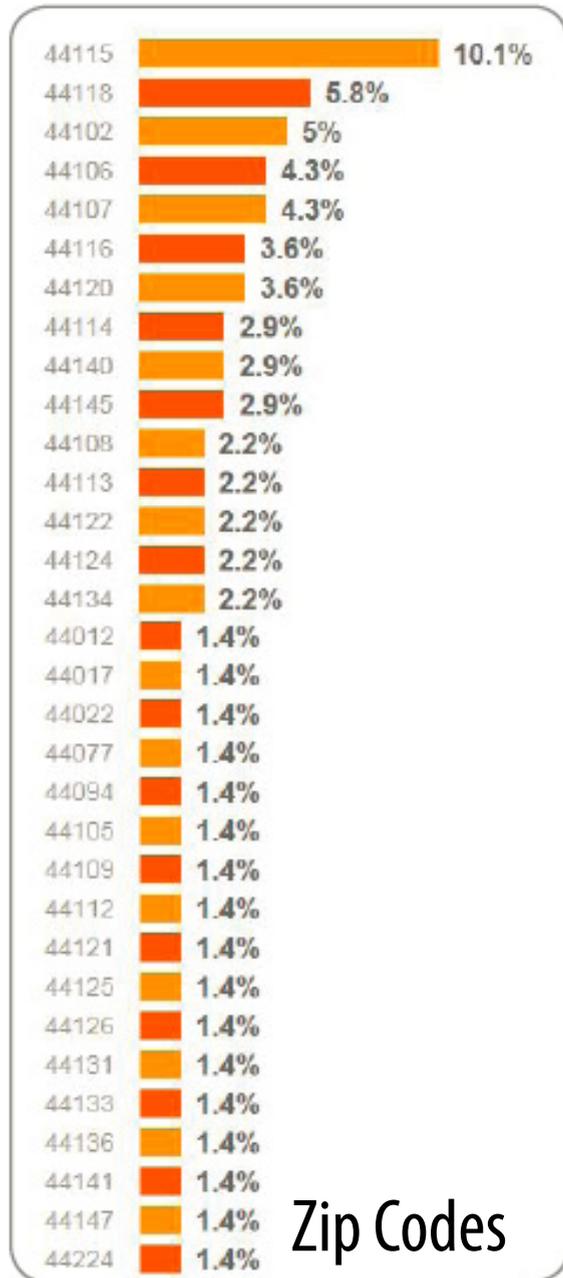
- 2 Standing Committees
- 6 Milestone Campus Visits
- 3 Student Open Houses, 4 Faculty Open Houses
- Faculty and Department Chair Focus Groups
- Coordination with City and Campus District



1

# HOW? Inclusive, Iterative + Transparent

[csumasterplan.mindmixer.com](http://csumasterplan.mindmixer.com)



# 1 HOW? Inclusive, Iterative + Transparent

## Which Components of the Academic Fabric Require the Most Improvement?

Quantity of Classrooms/Class Labs	15 votes
Quality of Classrooms/Class Labs	27 votes
Quality of Technology in the Classrooms	18 votes
Informal Interaction Spaces	11 votes
Quantity/Location of Faculty Parking	19 votes
Quantity/Quality of Research Spaces	8 votes
Quantity of Faculty Offices	5 votes
Quality of Faculty Offices	6 votes

## What is Your Preferred Parking Location?

Central Garage (Between Rhodes Tower and the Law Library)	14 votes
East Garage (Next to Physical Education)	12 votes
Main Garage (In the Main Classroom Building)	12 votes
Prospect Garage (Next to Euclid Commons)	6 votes
South Garage (Next to Wolstein)	9 votes
Underground Garage (In the Science Building)	5 votes
West Garage (Next to the Business Building)	14 votes
Surface lots on campus	11 votes
Surface lots off-campus	11 votes
Other	14 votes

## 1

# HOW? Inclusive, Iterative + Transparent

## Dept. Chairs input:

- **Positives:**

Human Motion Lab, new Student Center, Julka Hall, Math Emporium, Main Classroom lounge spaces, the Inner Link

- **Needs:**

- More and higher quality lab space
- Demolish Chester Hall
- More classrooms of right size, right technology
- Faculty meeting space/lounge
- More meeting space
- Ability for events over 40 people
- Adjunct faculty office space
- ADA parking, faculty parking

## Faculty input:

- Improve quality of academic space
- Need informal meeting spaces
- Proximity of classroom to office
- More collaboration space
- Strong desire for faculty lounge
- Testing services closer to offices
- Need more on-campus housing
- Better wayfinding
- Budget for maintenance costs



## Student input:

- Increase student organization space
- More commuter lounge space
- Informal space for grad students
- Activities room in student center
- More food, longer hours, food in library
- Fix Rhodes
- On-campus housing for upperclassmen
- Better wayfinding
- DCA "feet on street" is great – expand it



# 1 HOW? Inclusive, Iterative + Transparent

## Middough:

- space incomplete
- columns in classrooms
- consolidate depts.

## Business:

- Need event space for > 40 people

## Music:

- improve practice + classrooms

## Rhodes Tower + Library:

- A lot of inactive, vacant space
- Improve quality of space, circulation
- language lab not adequate
- More informal student hang out space
- Build a 24/7 space in library

## Building Condition

- 85%-100% Capital Upkeep
- 75%-85% Repair + Maintain
- 60%-75% Systematic Renovation
- >60% Transitional/ Demo

## Urban:

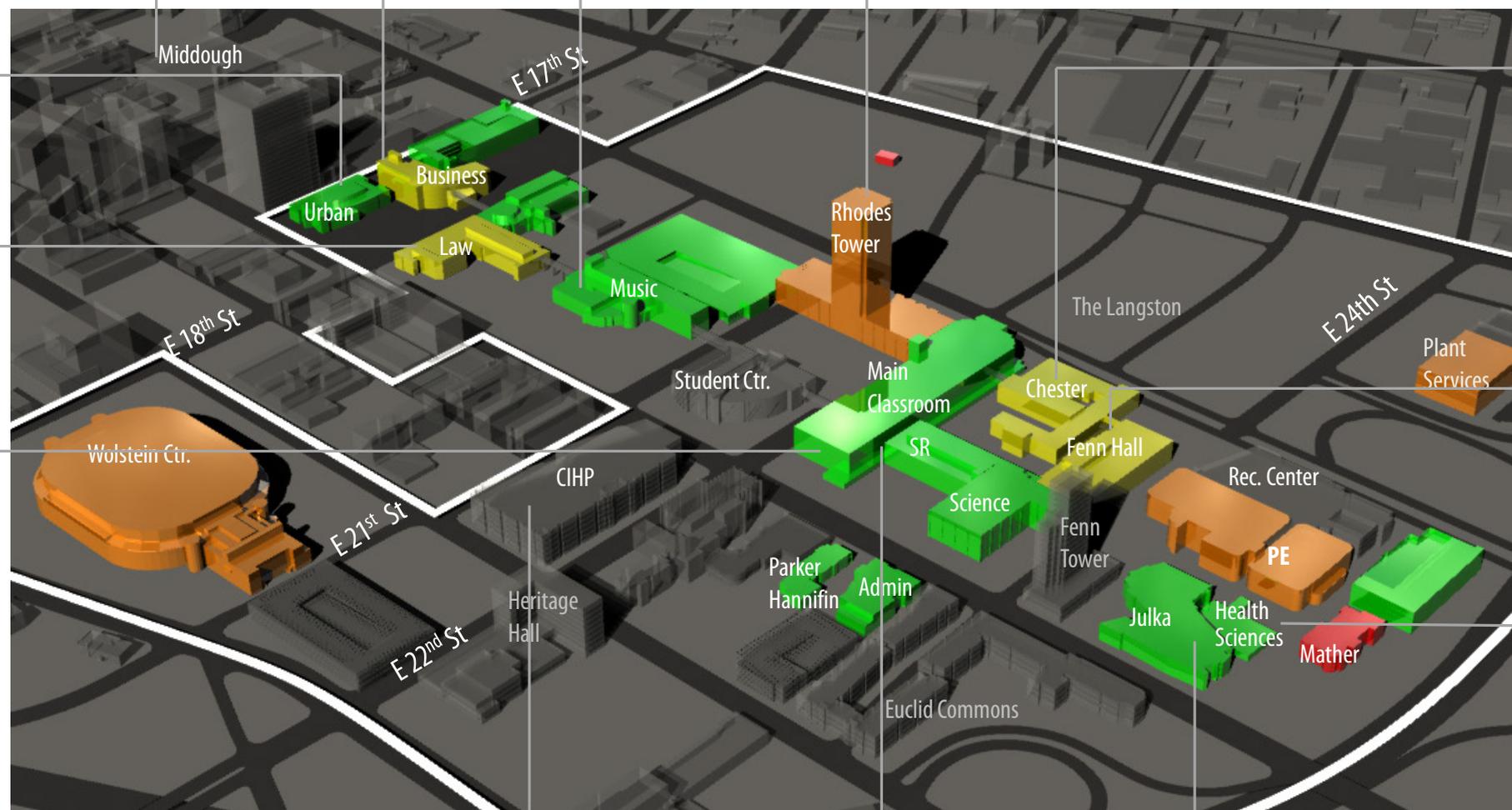
- need student break out space
- re-use old library space

## Law:

- refresh classrooms
- HVAC, accessibility issues

## Main Classroom:

- Classroom size, configuration
- classrooms



## Chester:

- 20-year s since renovation
- poor air quality
- needs new technology, seating
- limited by classroom size

## Fenn Hall:

- poor quality space, labs
- columns in classrooms
- classroom configuration

## PE/Health Sciences:

- HS needs more wet labs

## CIHP:

- CHS in 4 locations
- lack of wet labs

## SR/Science:

- air quality, HVAC issues
- poor lab quality, qty.

## Julka Hall:

- needs more classroom space
- student gathering space

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The Commons

## 2

# Campus Master Plan Guiding Principles

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1. **Become a major urban university:** in Cleveland, of Cleveland, by Cleveland.
2. **Create 21st century learning spaces** to foster multi-disciplinary collaboration.
3. **Enhance the student experience** with a focus on retention and completion.
4. **Continue improving the built environment** in architecture, urban design, and amenities.
5. **Create an identifiable campus character** through consistent gateways, landscape, + wayfinding.
6. **Prioritize pedestrian movement** and activation of the link *and* street levels.
7. **Encourage synergistic partnerships** to improve the 24/7 vitality of the campus neighborhood.
8. **Conserve resources** - consider the highest and best use of urban land.
9. **Maintain flexibility** to accommodate unforeseen opportunities.
10. **Consider expansion opportunities** as they **align with the strategic plan** and mission of CSU.

## 2 Planning assumptions

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- Future enrollment projections stable, assume 17,500
- Increased emphasis on student retention, completion
- Increase in non-traditional students
- Issue of academic space quality not quantity
- Emphasis on renovation, flexible learning environments
- Enough physical space to accommodate enrollment growth up to 19,000 students
- New schedule fall 2014 will affect utilization, recommend updating utilization analysis fall 2015

# 2 Organizational Concepts



## 2

# The Big Eight (Ideas)

---

1

Improve teaching space, renovate core campus assets.

2

Re-think Rhodes Tower.

3

Develop an interdisciplinary engineering and sciences precinct.

4

Develop residential + north of Chester Ave with partnerships, relocate athletics.

5

Reserve Central Garage site for future academic purpose + maintain a balanced parking supply.

6

Create a cohesive campus image and improve campus open spaces.

7

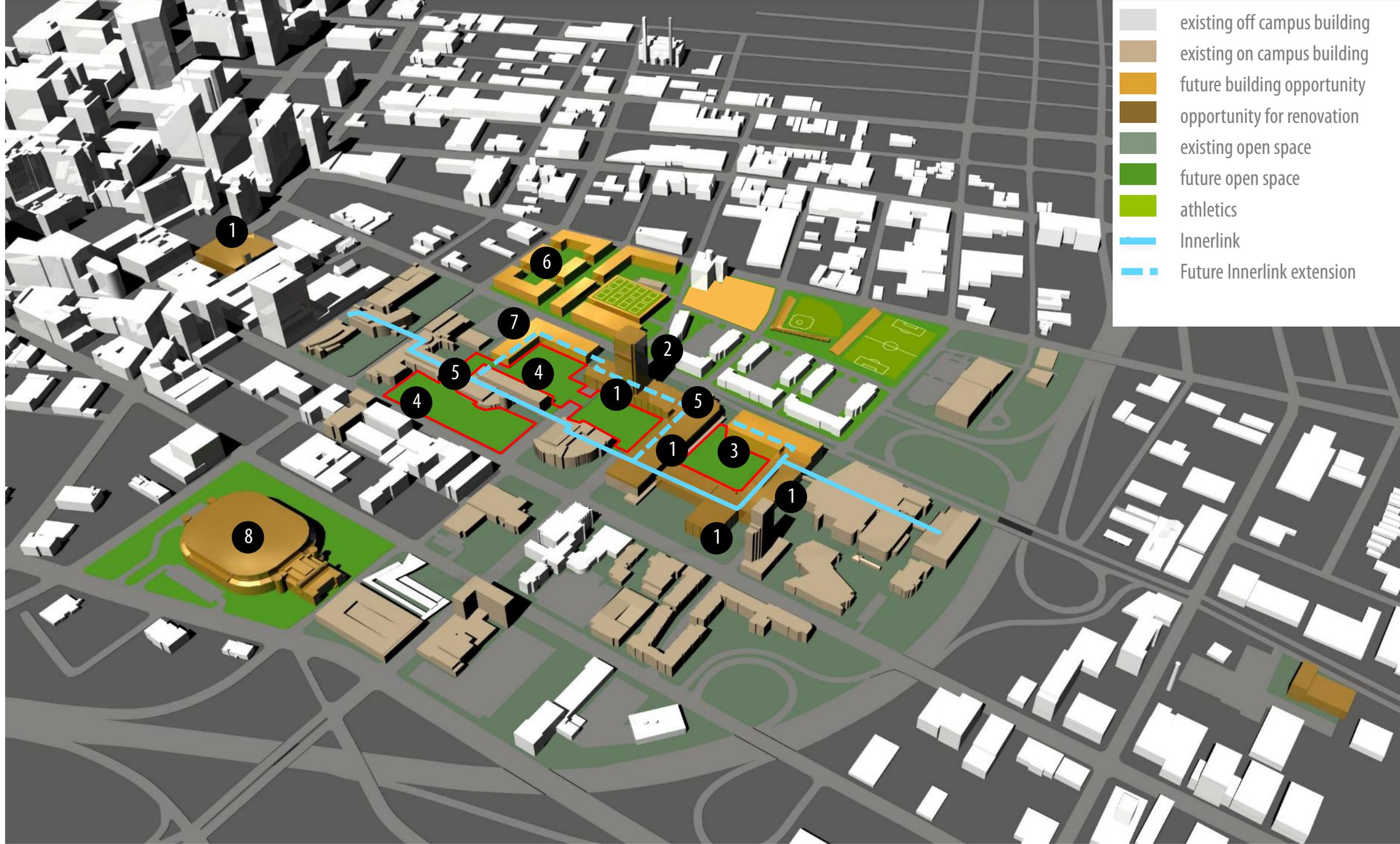
Improve wayfinding and focus on the Innerlink.

8

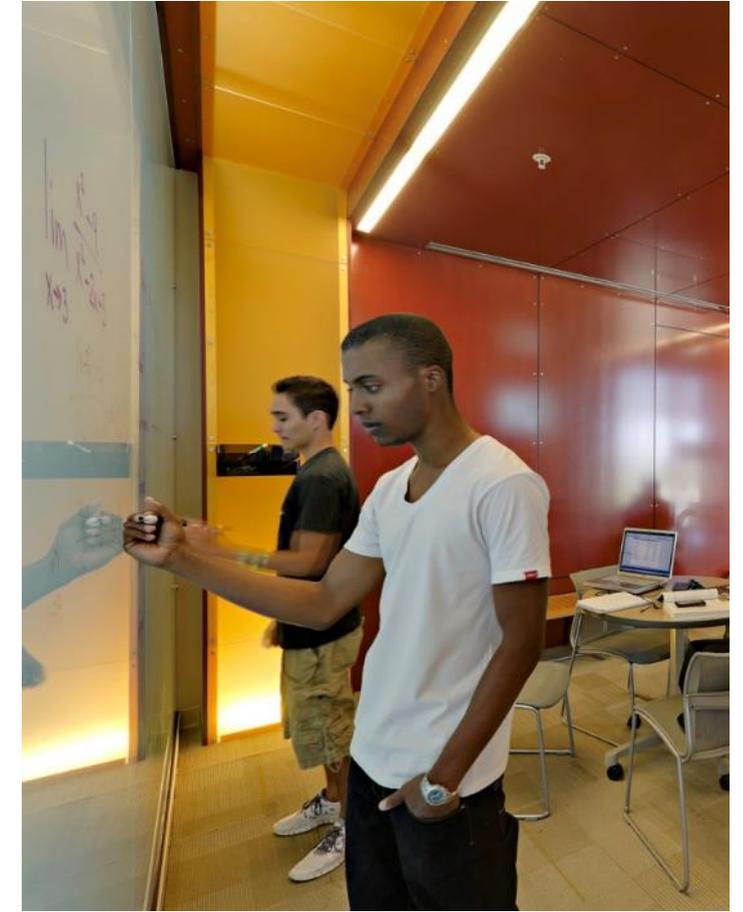
Reimagine the Wolstein Center.

# 2 Draft plan

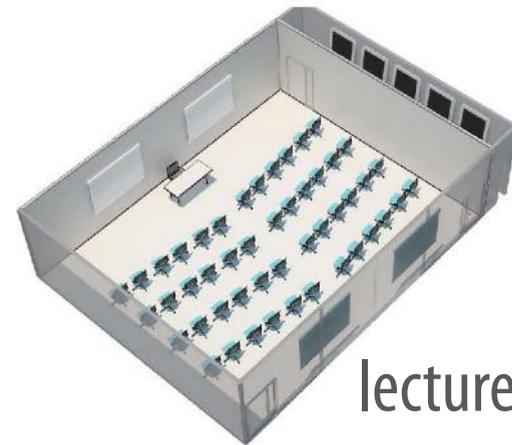
- 1 Renovate core assets
- 2 Rethink Rhodes Tower
- 3 engineering/sciences precinct
- 4 Cohesive campus and landscape
- 5 Innerlink improvements
- 6 Future residential partnership
- 7 Redevelop Central Garage site
- 8 Reimagine Wolstein Center



# 2 improve teaching space, renovate core campus assets



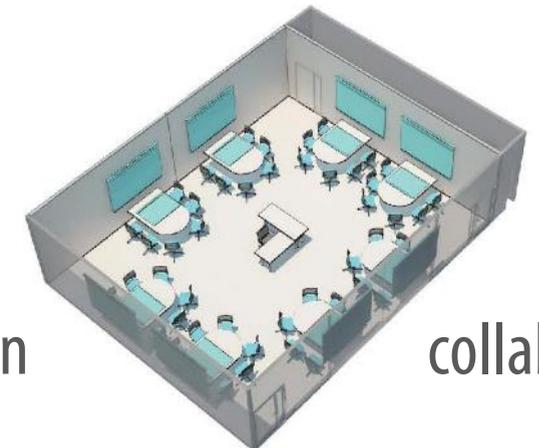
- Different pedagogical approaches
- Technology integration
- Active and blended learning environments
- Hybrid super flexible classrooms
- Active learning spaces



lecture



discussion



collaboration

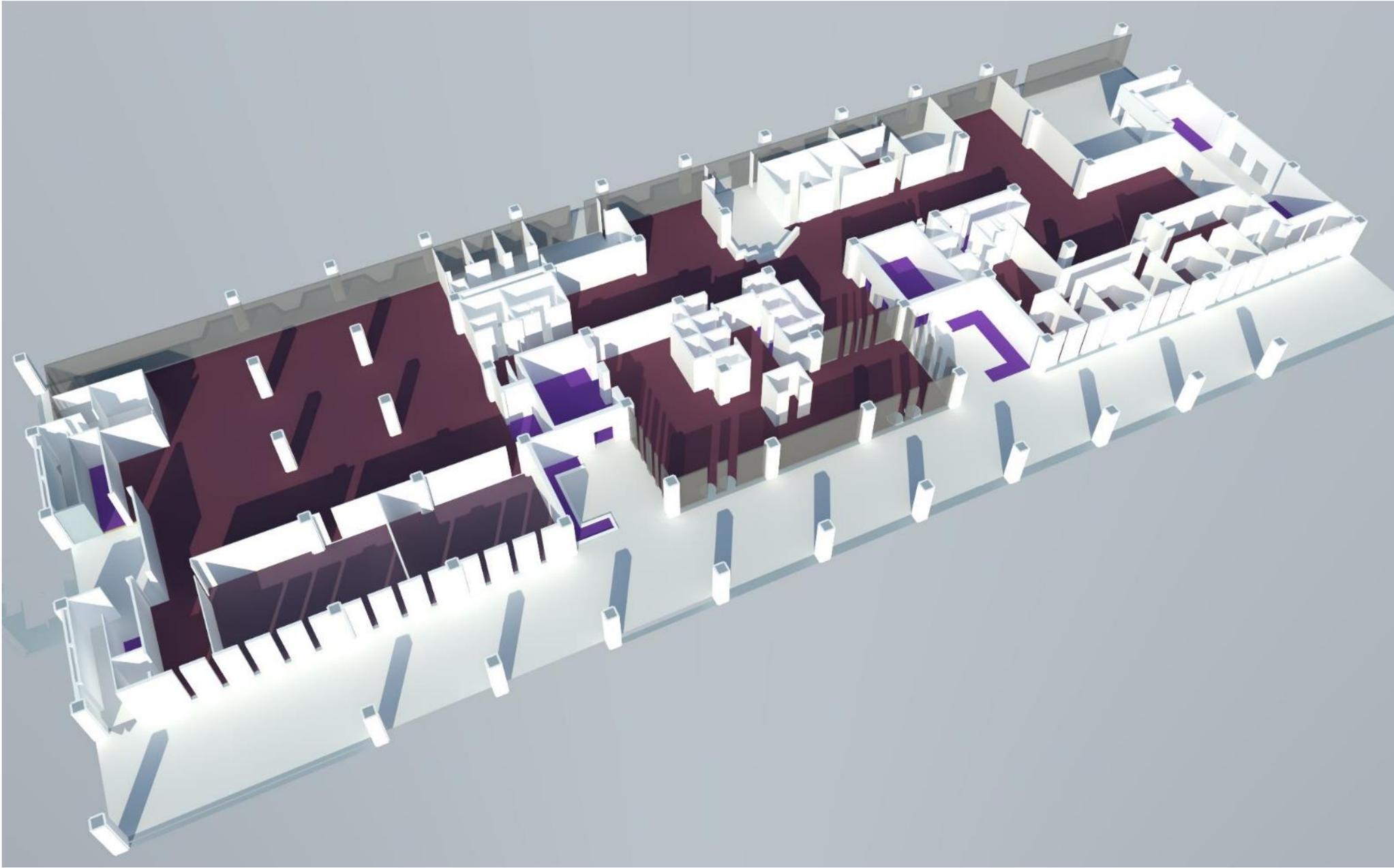
# 2 improve teaching space, renovate core campus assets



Library stacks, first floor, Rhodes Tower



Outdoor corridor



Existing

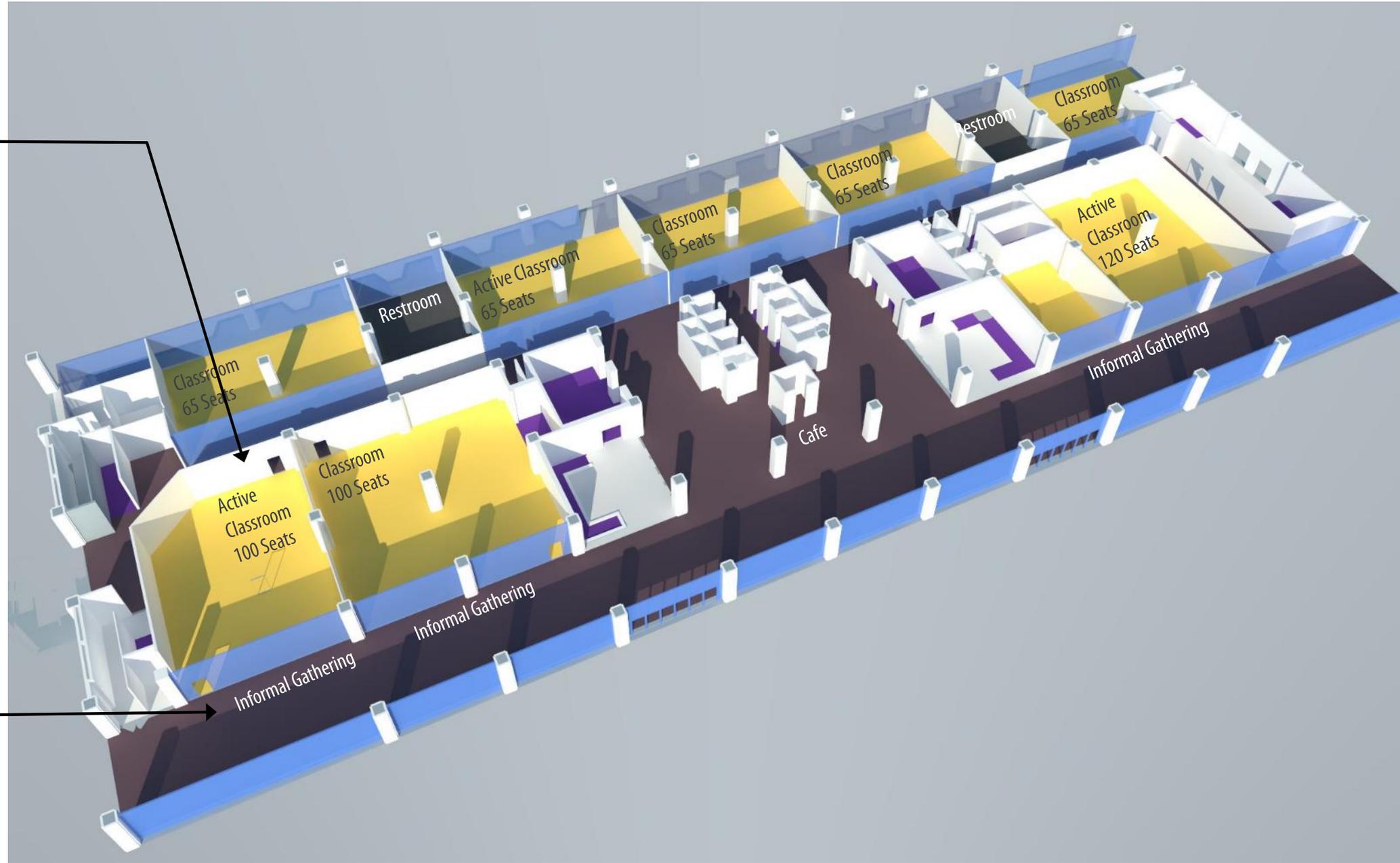
# 2 improve teaching space, renovate core campus assets



Active Learning Classrooms



Enclosed corridor, plus informal gathering space

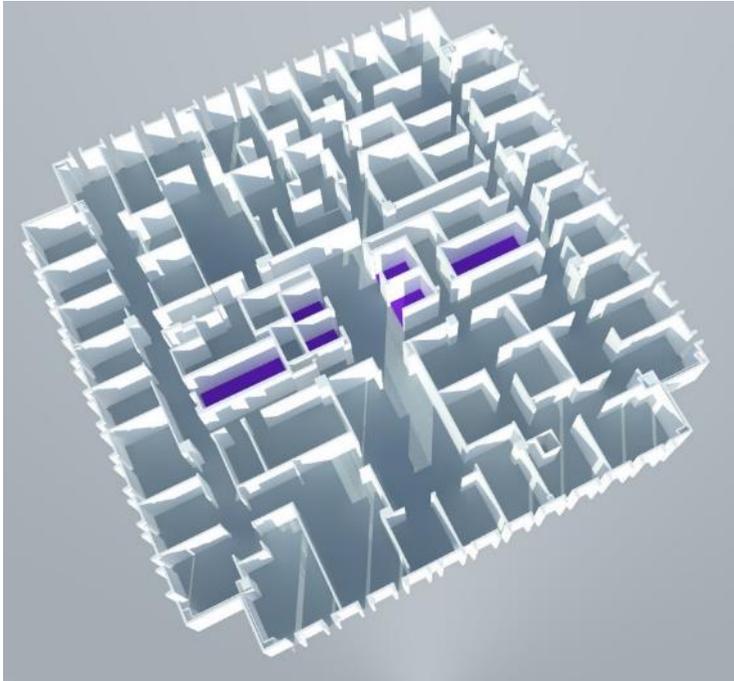


Proposed

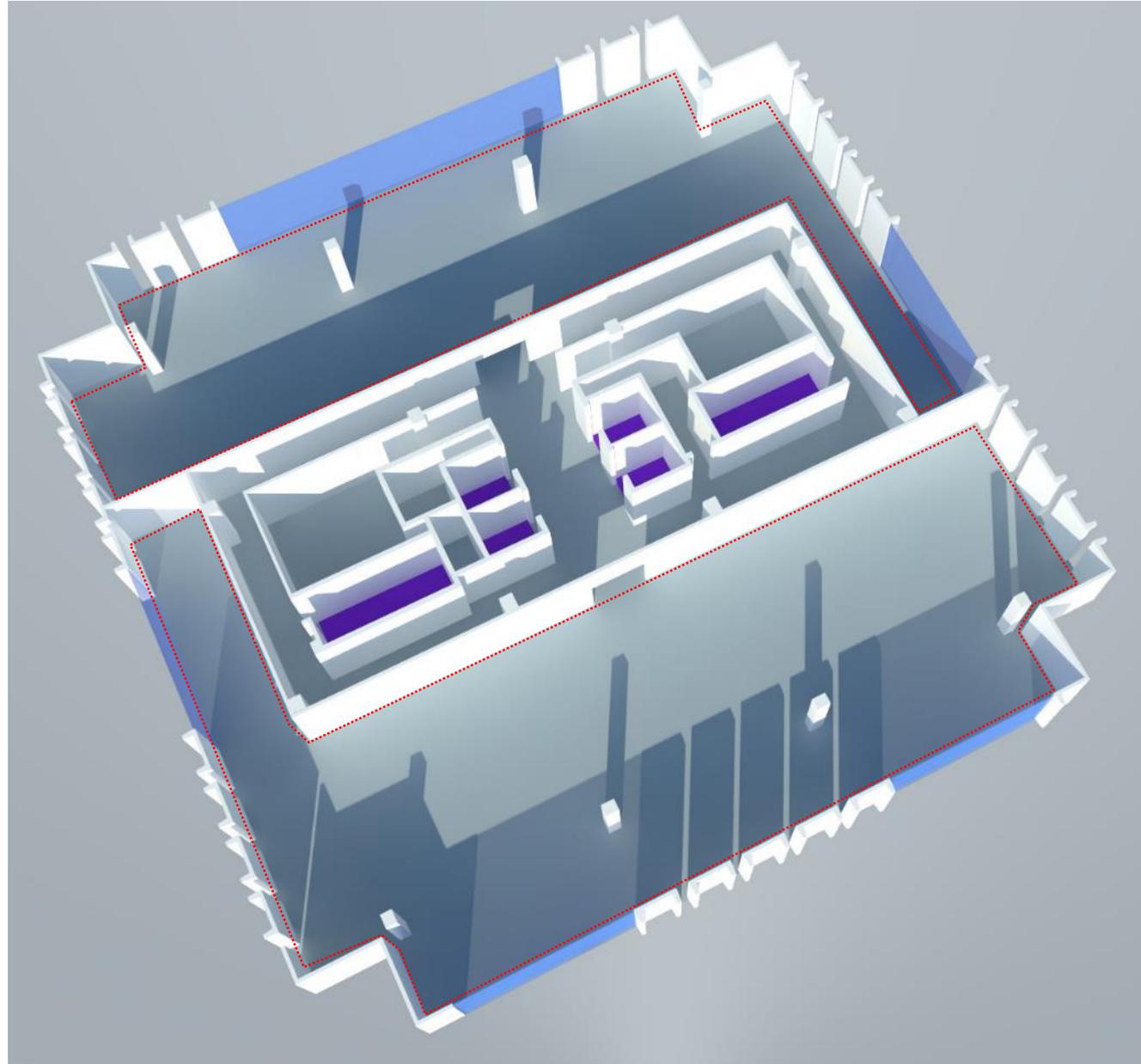
## 2

# Re-think Rhodes Tower

existing floor layout, floors 5-20



proposed flexible floor layout, floors 5-20



- create more flexible floor plates
- improve transparency across the floor
- create larger window bays for increased daylighting
- Maximize existing elevator bank through upgraded schedule algorithms



# 2

# Re-think Rhodes Tower

## Existing

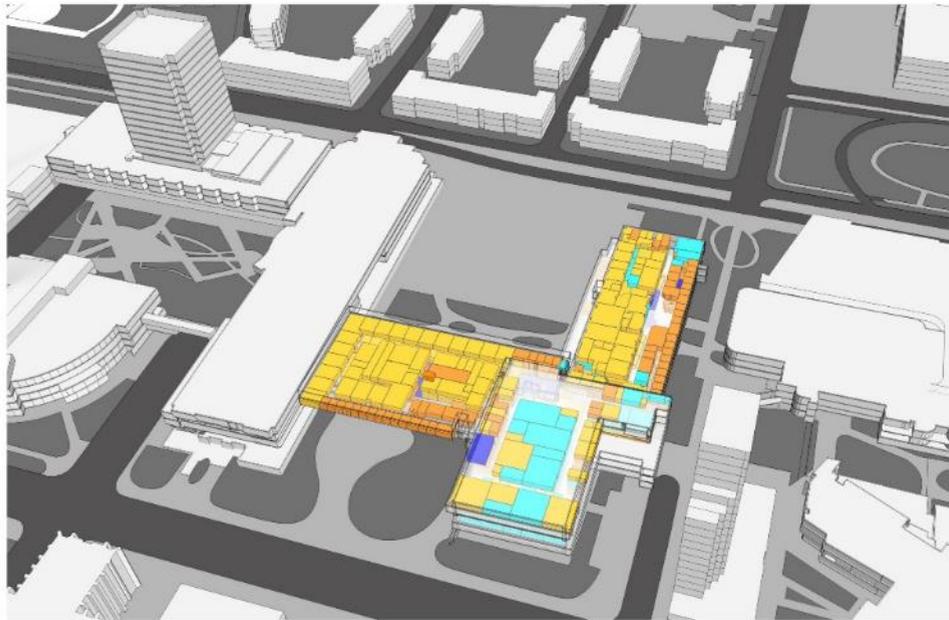
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19	VACANT
18	ENGLISH
17	ECON. - POLI SCI. - SOC.
16	MODERN LANG - SOC.
15	MATH
14	VACANT
13	HISTORY - PHIL
12	MoZAIC -PHIL-OIAME
11	IST
10	IST
9	VACANT
8	IT & DL
7	IT & DL
6	MECHANICAL EQUIP.
5	LIBRARY
4	LIBRARY
3	LIBRARY & STEMM
2	LIBRARY & MATH EMPORIUM
1	LIBRARY
G	FACILITIES AND SERVICE

## Proposed

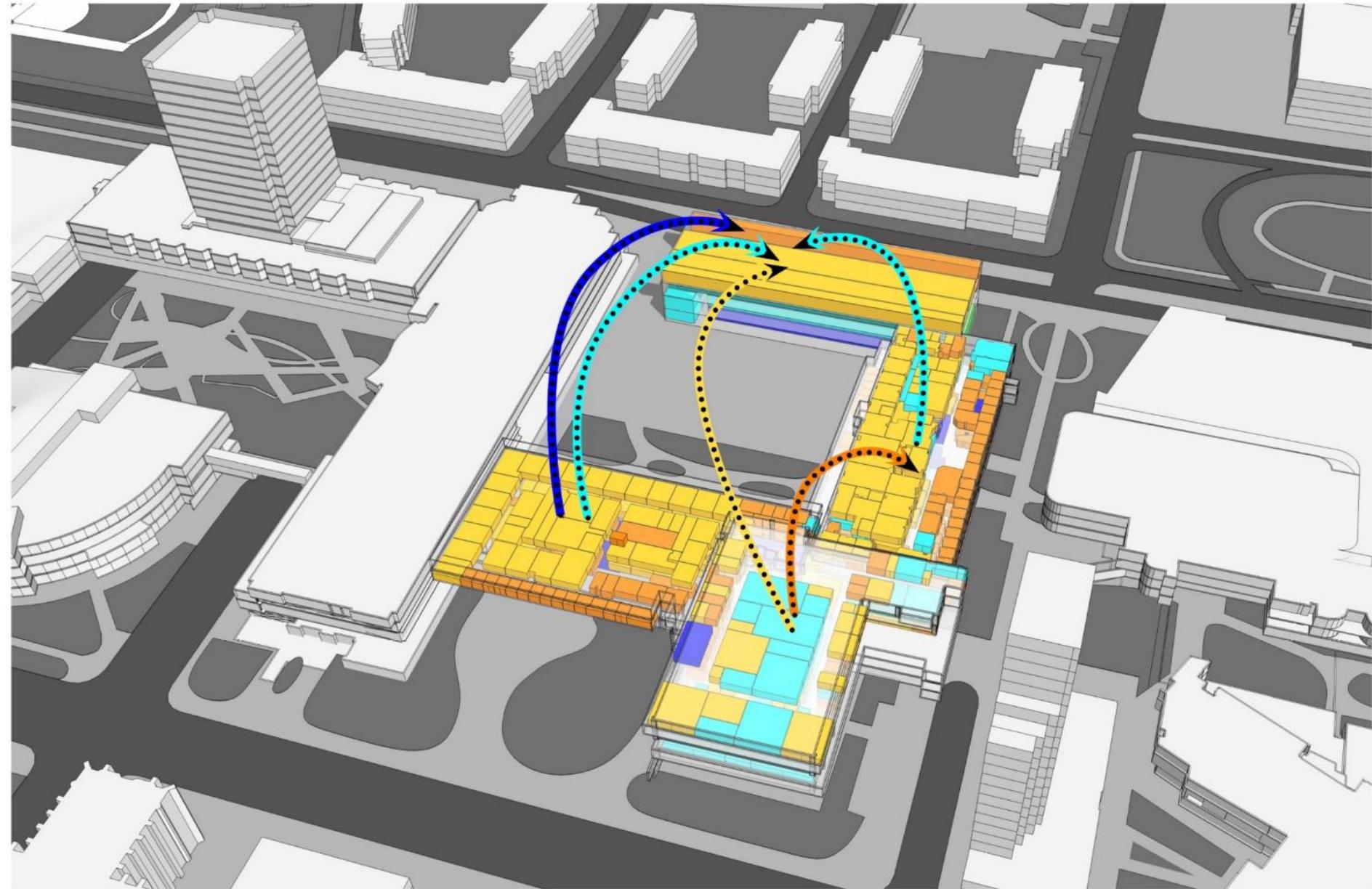
20	FACILITIES AND SERVICE
19	RENOVATE FOR OFFICES
18	ENGLISH
17	ECON. - POLI SCI. - SOC.
16	MODERN LANG - SOC.
15	MATH
14	RENOVATE FOR OFFICES
13	HISTORY - PHIL
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11	IST
10	IST
9	RENOVATE FOR OFFICES
8	IT & DL
7	IT & DL
6	MECHANICAL EQUIP.
5	LIBRARY/MEETING SPACE
4	LIBRARY
3	LIBRARY & STEMM
2	LEARNING COMMONS
1	ACTIVE LEARNING CENTER
G	FACILITIES AND SERVICE



# 2 Develop an interdisciplinary engineering and sciences precinct



- Relocate functions, remove Chester Hall
- New interdisciplinary Engineering and Sciences Building
- Phased construction
- Provides added lab space in open module
- Creates swing space for Science, SR lab renovations
- Re-use of Fenn Hall for office



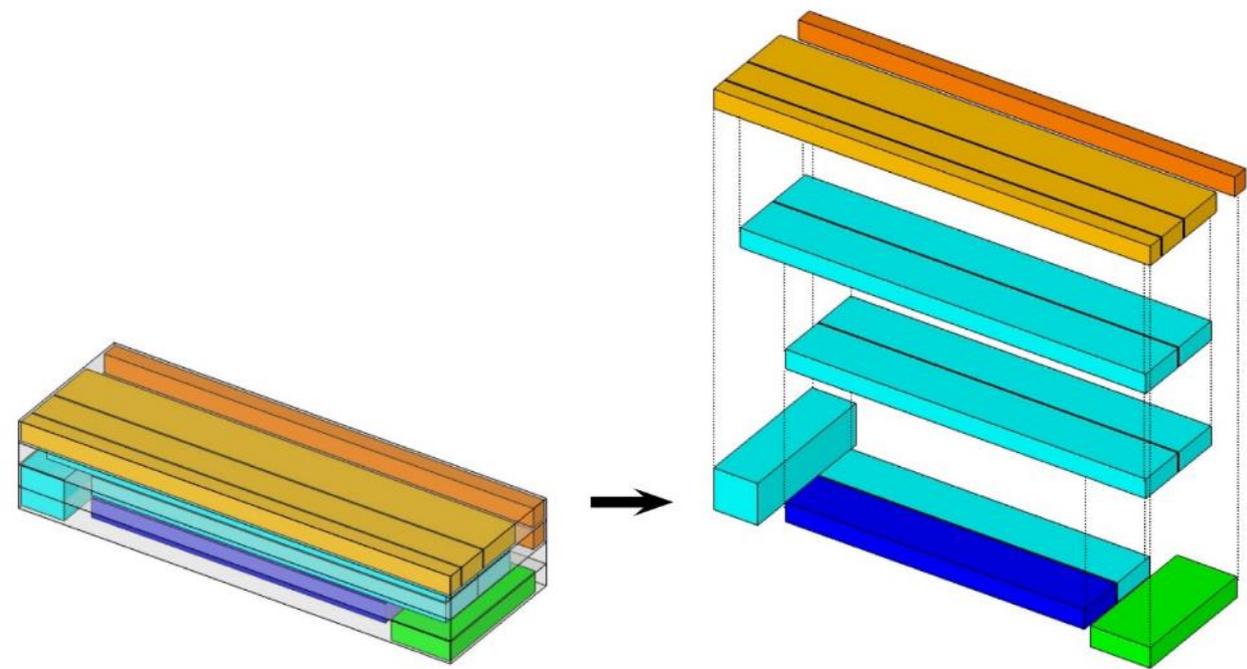
PROPOSED ENGINEERING and SCIENCES EXPANSION

- CLASSROOM:
- INSTRUCTIONAL LAB:
- RESEARCH:
- OFFICES:

# 2 Develop an interdisciplinary engineering and sciences precinct

**LEGEND**

 Main Lobby and Maker Space	 Classrooms and Instructional Labs
 Offices	 Research Labs



LEVEL 04  
RESEARCH LAB  
OFFICES

LEVEL 03  
INSTRUCTIONAL LAB

LEVEL 02  
INSTRUCTIONAL LAB

LEVEL 01  
MAIN LOBBY  
MAKER SPACE  
INSTRUCTIONAL LAB  
CLASSROOM

Classrooms, teaching labs



Collaboration space



Research labs



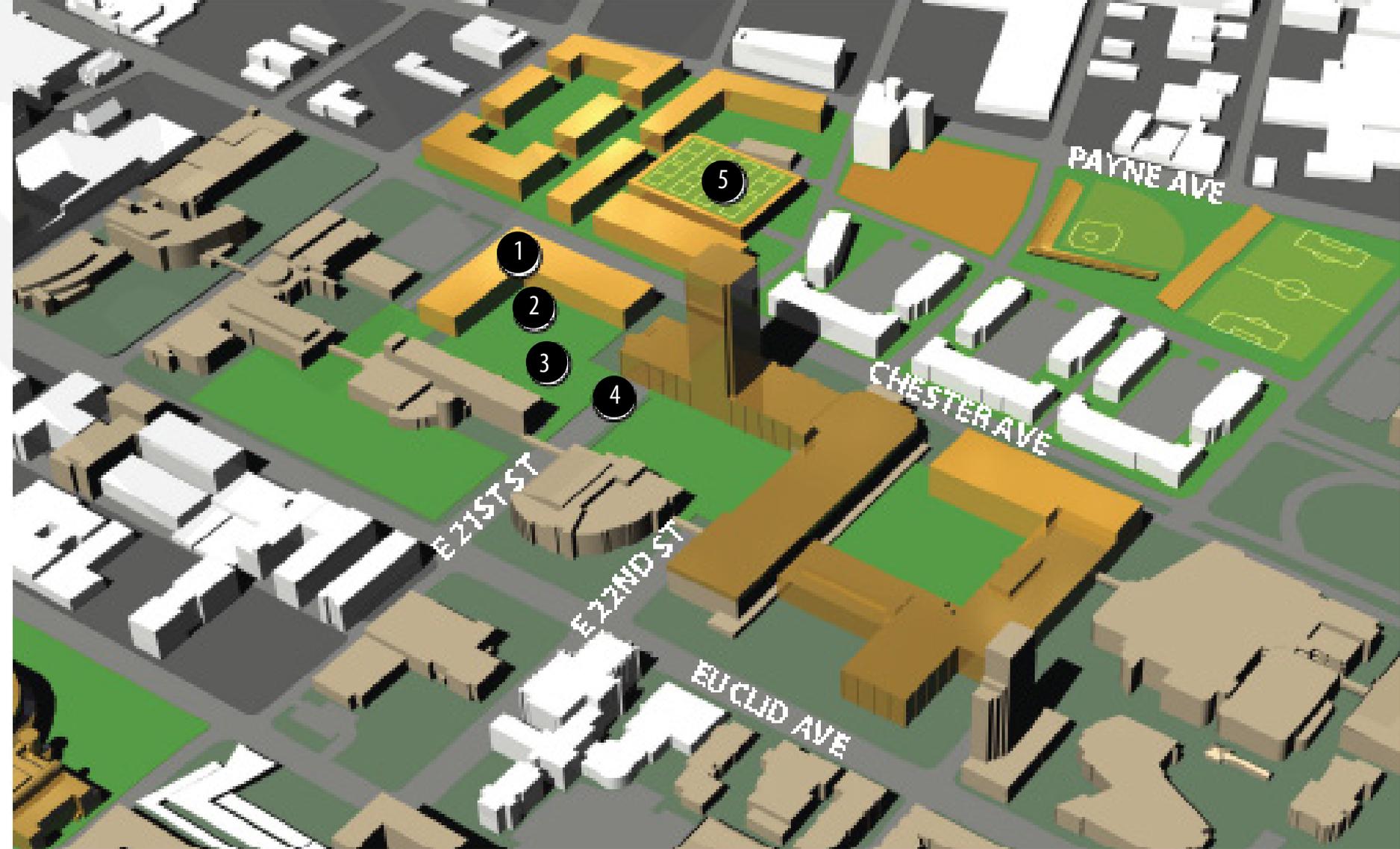
Engineering "maker space"

# 2 Develop residential with private partnerships, relocate athletics

- 1 New residential development
- 2 Potential mixed use/academic
- 3 Proposed garage, potential to incorporate tennis on roof
- 4 Relocate athletic fields on Payne
- 5 International School K-8 (Preferred Option)



# 2 Reserve Central Garage site for future academic purpose

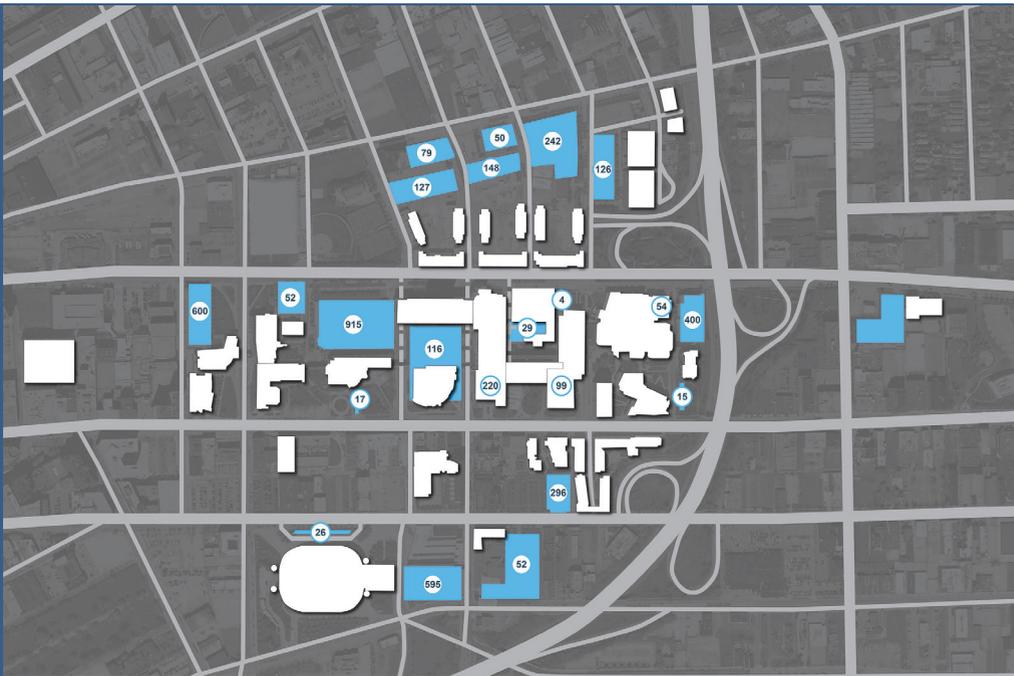


- 1 Future academic development
- 2 Future lower level parking
- 3 New quad expansion
- 4 Proposed pedestrian bridge
- 5 Future garage

# 2

## Maintain a balanced parking supply

- Removal of Payne Avenue surface lots
- Replacement of Central Garage
- Increase utilization of South Garage
- Explore alternative parking strategies, partnerships

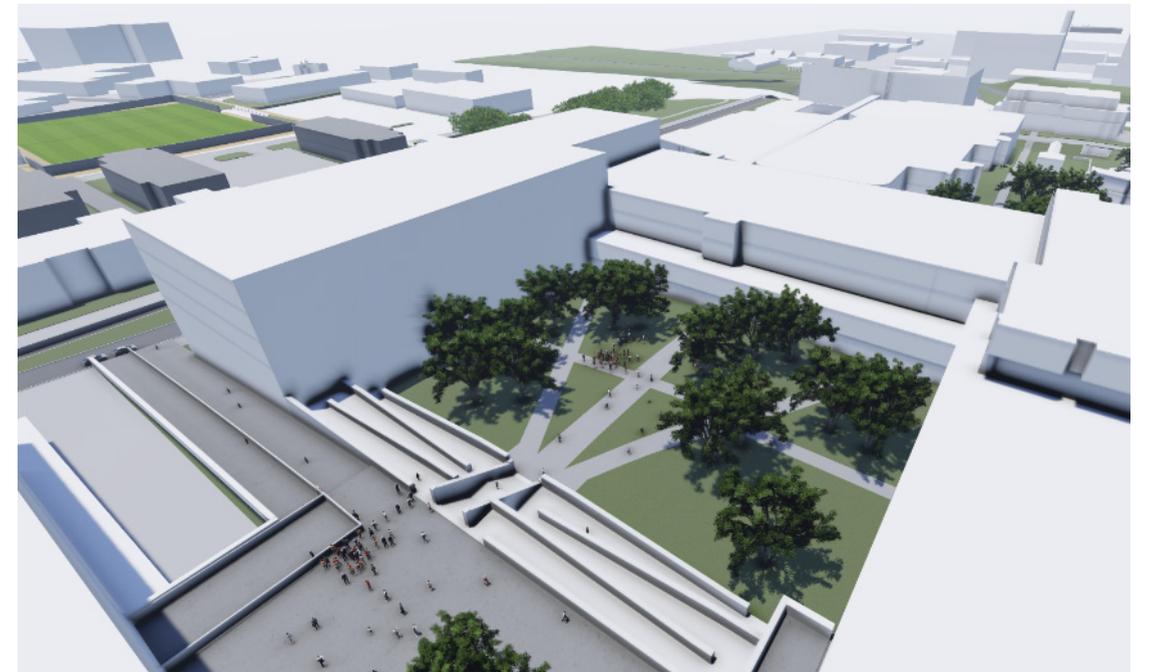
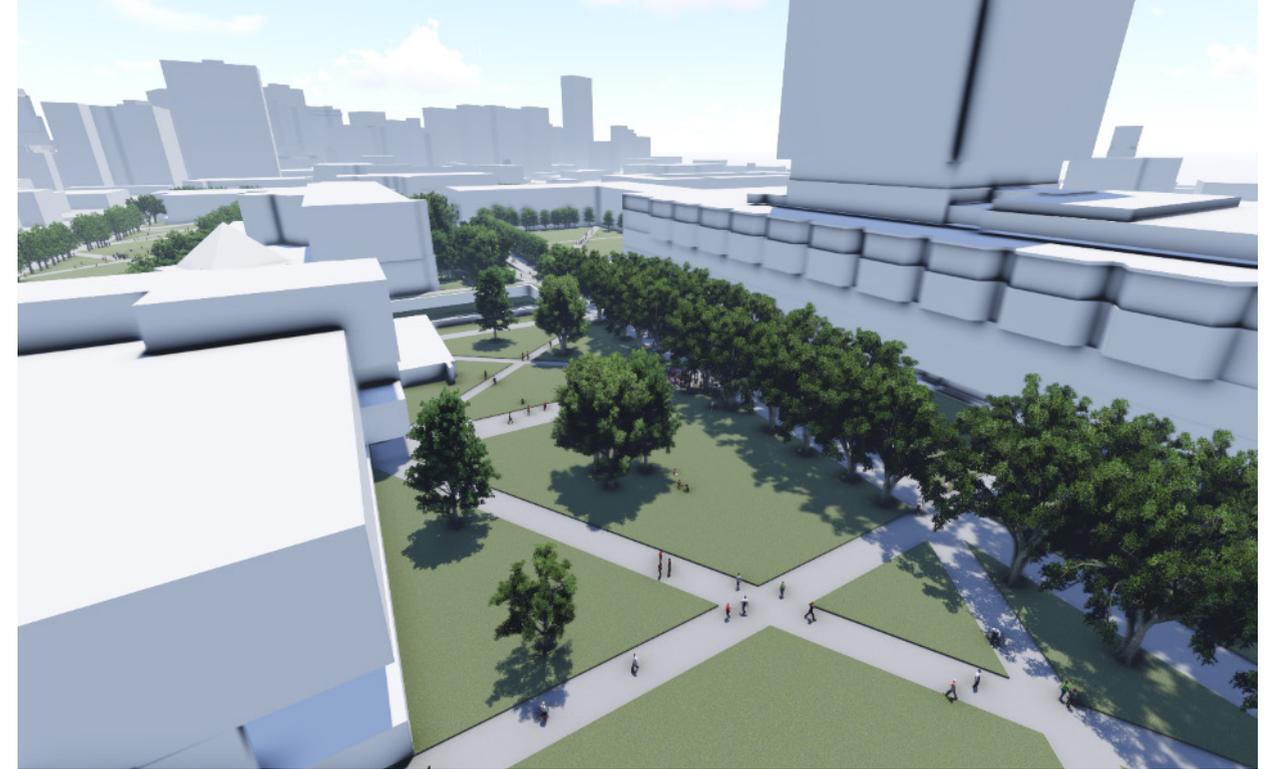


Existing

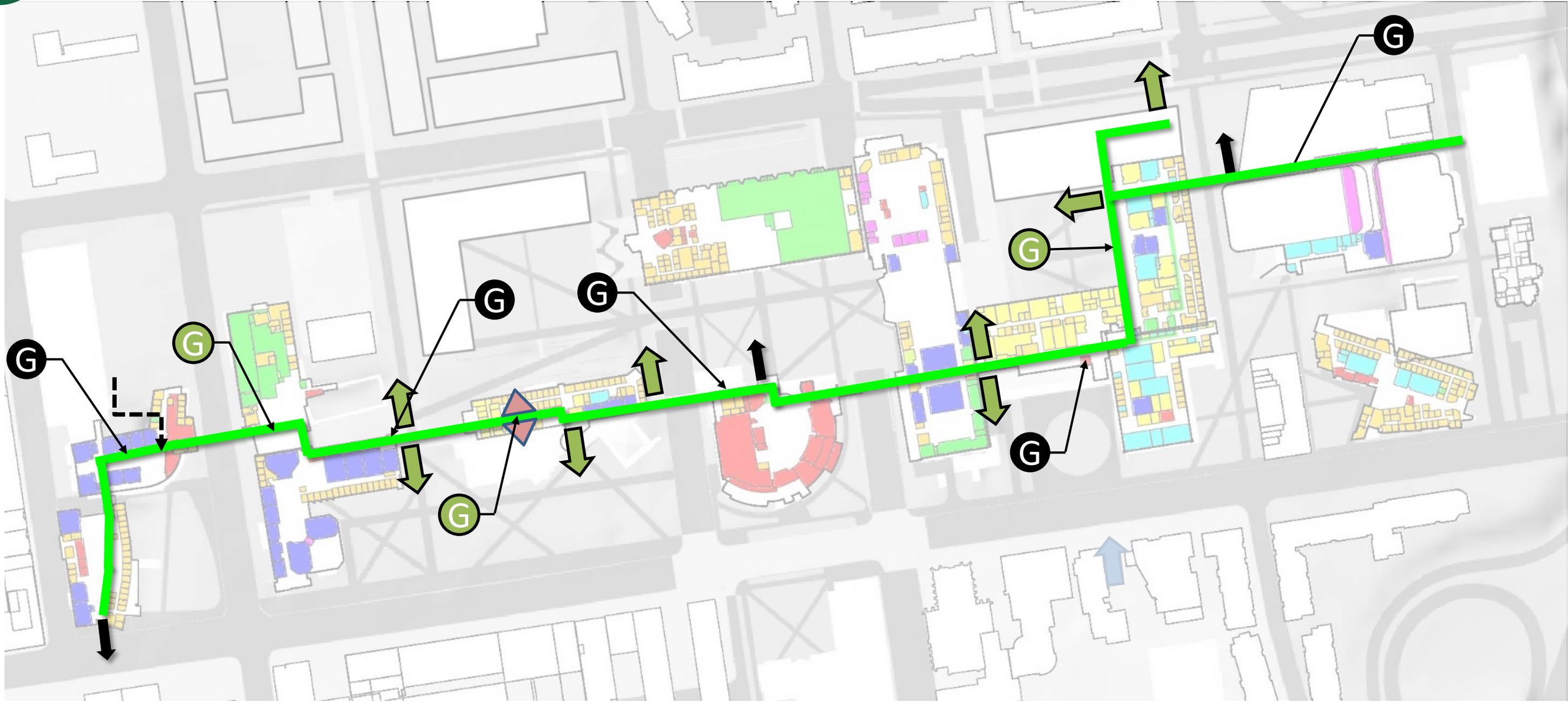


Proposed

# 2 Create a cohesive campus image, improve campus open spaces



# 2 Improve wayfinding and focus on the Innerlink



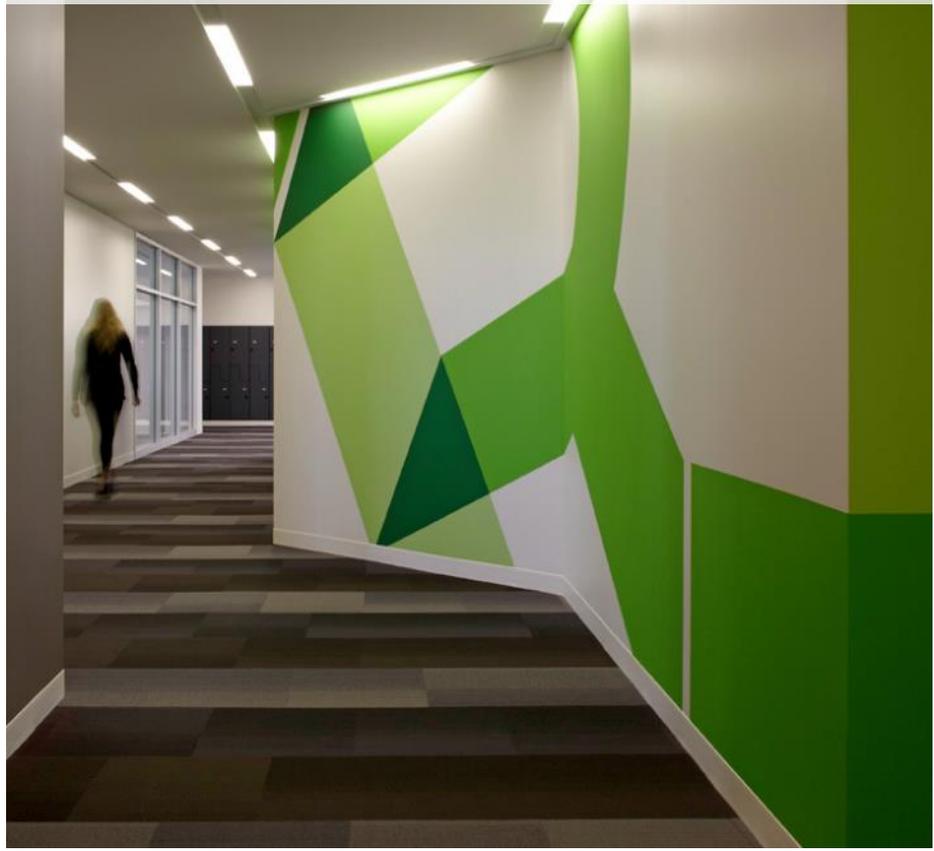
← EXISTING OPPORTUNITIES TO REACH STREET LEVEL  
← PROPOSED OPPORTUNITIES TO REACH STREET LEVEL

G EXISTING INFORMAL MEETING/GATHERING SPACES  
G PROPOSED INFORMAL MEETING/GATHERING SPACE

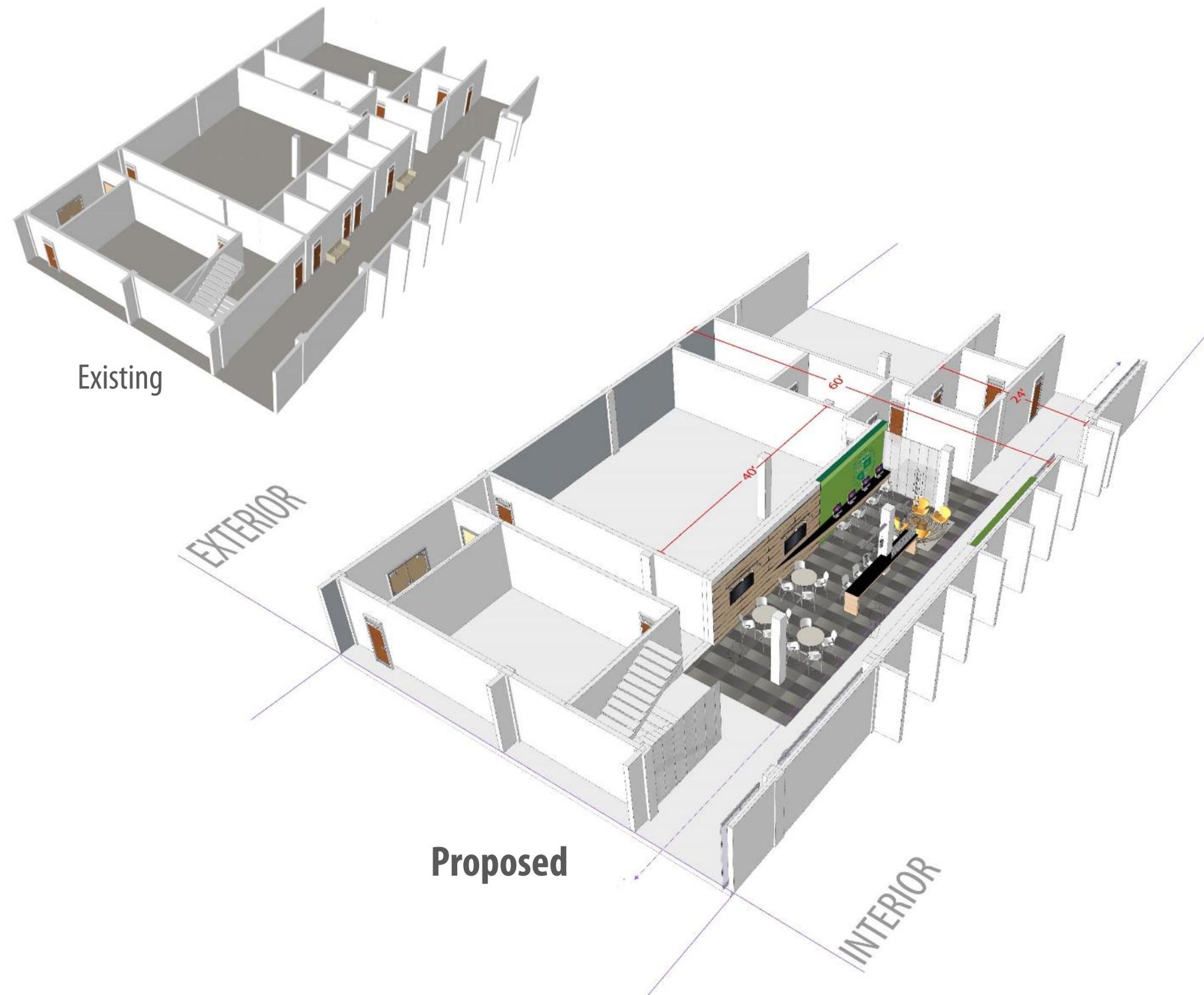
WIDER CORRIDORS

# 2 Improve wayfinding and focus on the Innerlink

Consistent design – how it looks is the brand



Informal study, gathering spaces



# 2 Improve wayfinding

## Develop a coordinated system of wayfinding

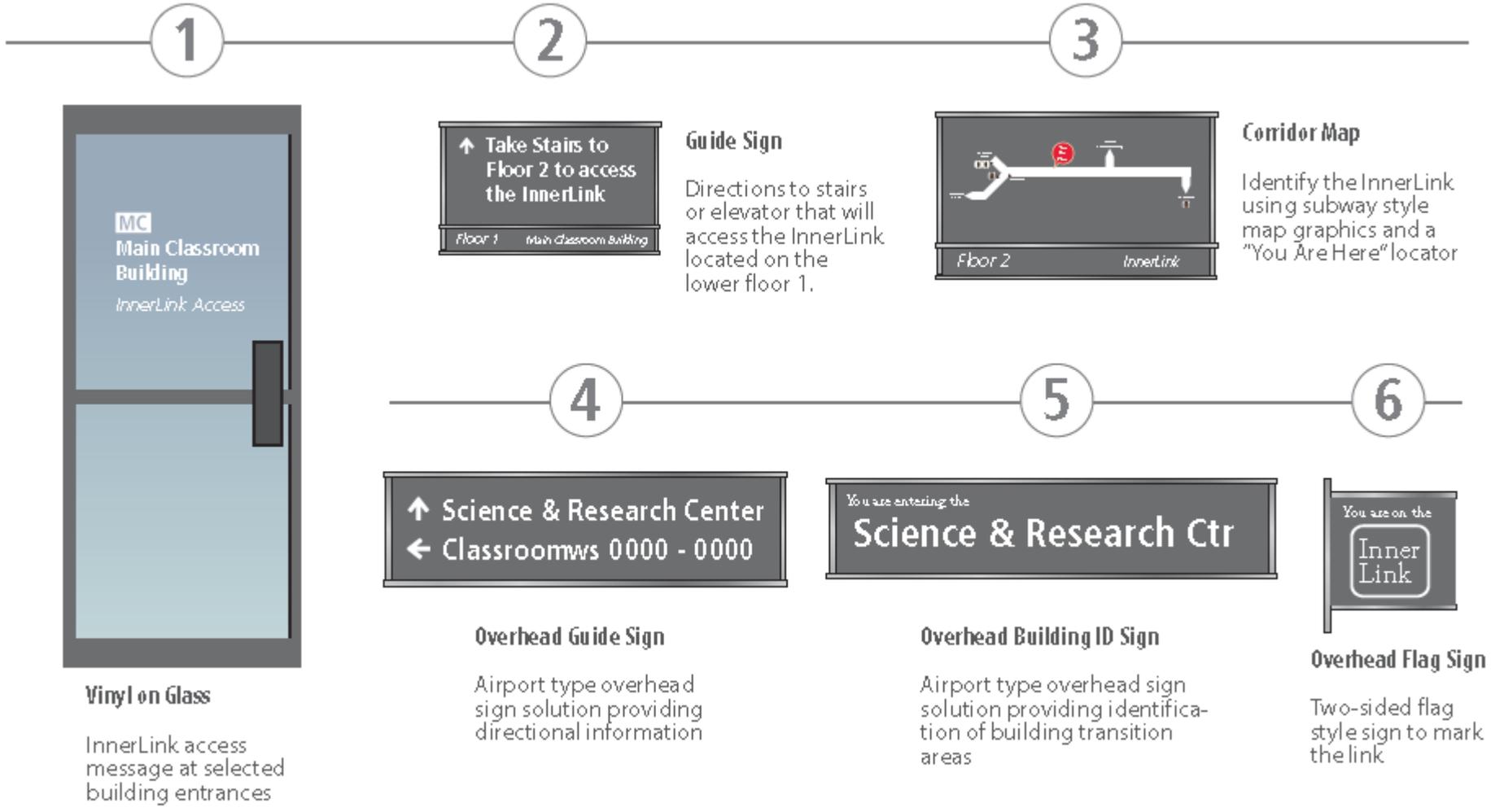
- Trailblazer signs and directional signs off of freeways
- Gateway markers
- Directional signs for parking and pedestrians
- Consistent building identification



The Innerlink

## Building identification and interior wayfinding

- Design standards for signage, consistent building identification
- Interior wayfinding and identification
- Innerlink family of signage, exterior to interior, route maps



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# 3 Phasing – In Progress Initiatives

- ① Center for Innovative Health Professions
- ② Exterior Signage Upgrades
- ③ Fenn Hall Renovations & Phase 1 Expansion
  - Exterior repair, interior renovation
  - Demolition of Chester
  - Phase 1 Addition
- ④ Campus International School K-8
- ⑤ MC Honors College Relocation
- ⑥ Mather Mansion Renovation
- ⑦ Fourth Floor Classroom Renovation of MC

- Academic or Support
- Partnership
- Athletic, Recreation, or Open Space
- Parking or Transportation



# 3 Phasing – Short Term Priorities

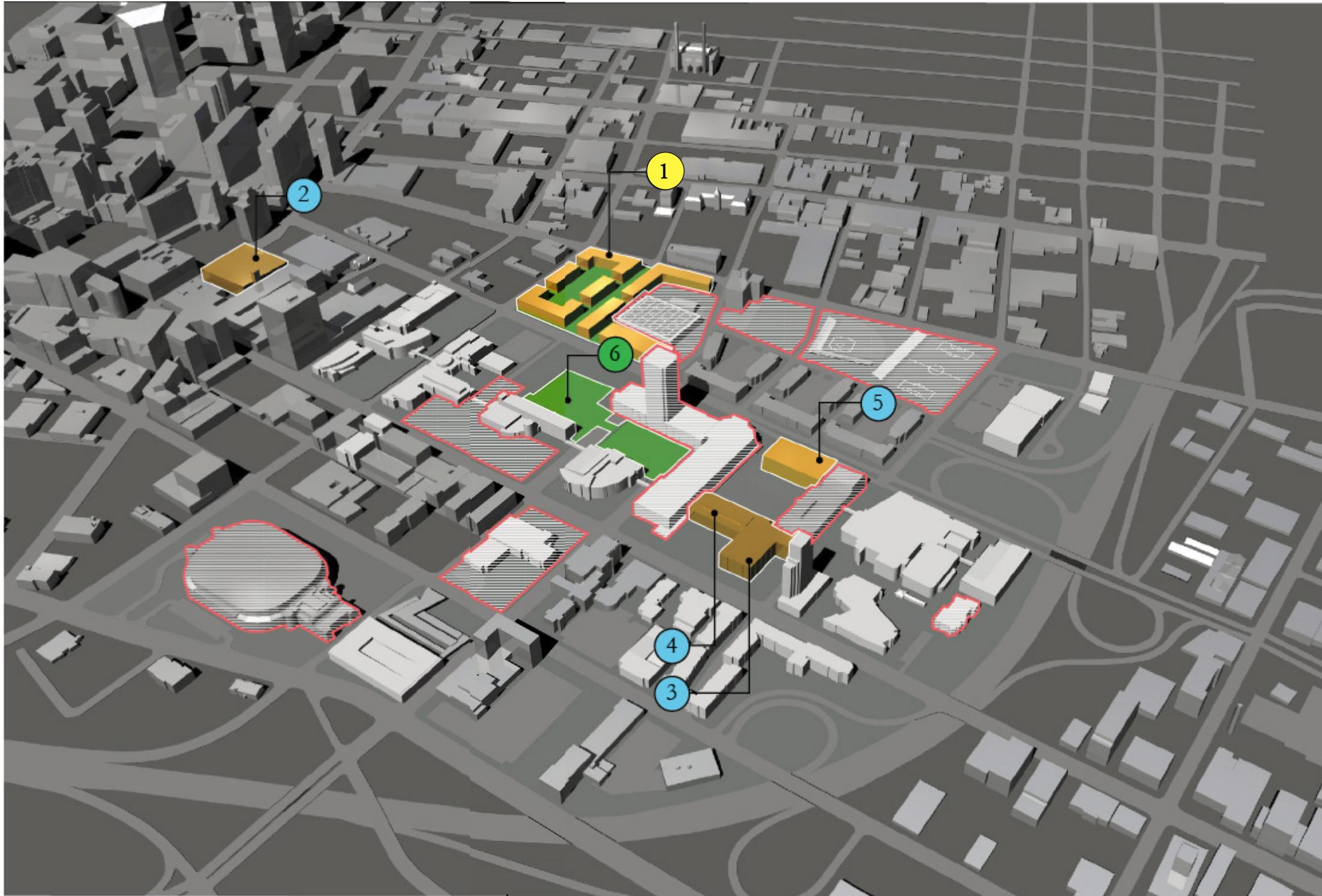
- 1 Additional Renovation of MC
- 2 Rhodes Renovation (19, 14, & 9) to Office Space
- 3 Library Renovation (Phase I & II)
- 4 Euclid Avenue Campus Quad
- 5 Soccer Relocation to Payne Ave.
- 6 Softball Relocation to Payne Ave.
- 7 Rebranding the InnerLink (PH I - West Side)
- 8 Rebranding the InnerLink (PH II - East Side)
- 9 New Parking Structure North of Chester
- 10 Tennis Relocation on new parking structure
- 11 Renovate Wolstein - Life safety issues
- 12 Demolition of Central Garage
  - Total Cost: \$3,072,000

- 
- Academic or Support
  - Partnership
  - Athletic, Recreation, or Open Space
  - Parking or Transportation



# 3 Phasing – Mid-Term Priorities

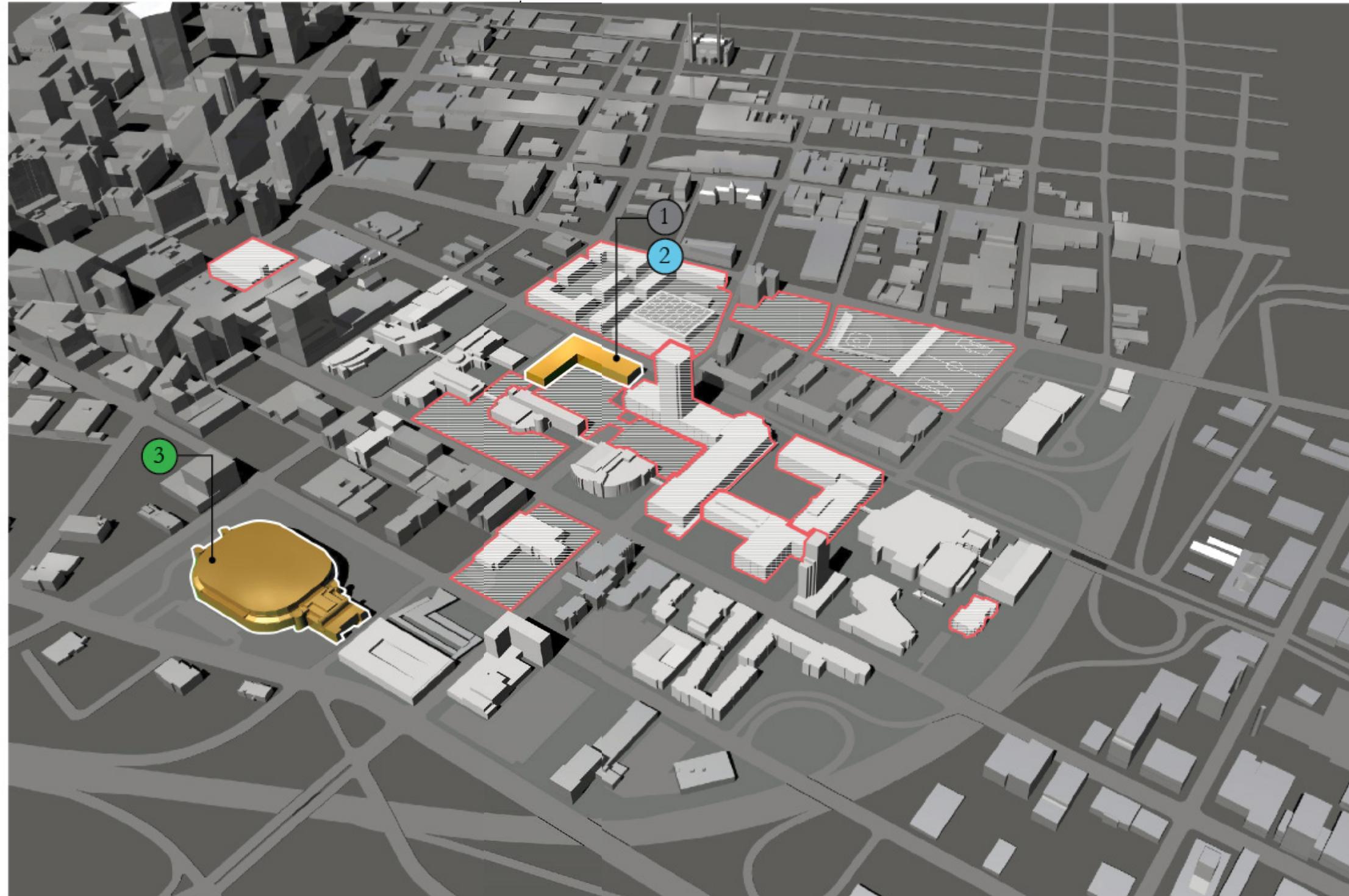
- 1 Residential Expansion North of Chester
- 2 Renovate Middough (Arts Campus)
- 3 Renovate Science Building
- 4 Renovate Science Research
- 5 Construct Fenn Hall Addition Phase II
- 6 Renovate Campus Quad Space



- Academic or Support
- Partnership
- Athletic, Recreation, or Open Space
- Parking or Transportation

# 3 Phasing – Long Range Opportunities

- 1 Parking Garage (Two Stories)
- 2 Four Story Academic Building
- 3 Renovation of Wolstein Center Arena



- Academic or Support
- Partnership
- Athletic, Recreation, or Open Space
- Parking or Transportation

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The Green Campus

# 4 Campus systems – building use

## Continue primacy of academic core

- Future academic use on Central Garage site
  - Potential academic expansion north of Chester in long term
  - Continue arts school expansion in Middough Building
- Pursue private partnerships to develop residential, parking
  - Develop residential north of Chester, connect to downtown
  - Relocate athletic fields to accommodate future residential uses



Existing



Proposed

# 4 Campus systems – campus landscape

## Develop a consistent campus landscape

- Define new campus spaces from 'leftover' open space
- Create a new Euclid Avenue Mall
- Renovate expand the Central Quad
- Improve the landscape and streetscape on Chester Avenue
- Relocated athletics fields and landscape edge on Payne
- Net gain of 4 acres of open space / pervious surface



Existing



Proposed

# 4 Campus systems – pedestrian circulation

## Increase pedestrian connectivity

- Enhance north-south movement
- Improve pedestrian environment, Chester Avenue
- Improve cross campus pedestrian flow
- Develop central east-west walk – Fenn Hall to Law School
- Add pedestrian amenities, lighting, site furniture, landscaping, wayfinding to improve pedestrian use, image



Existing

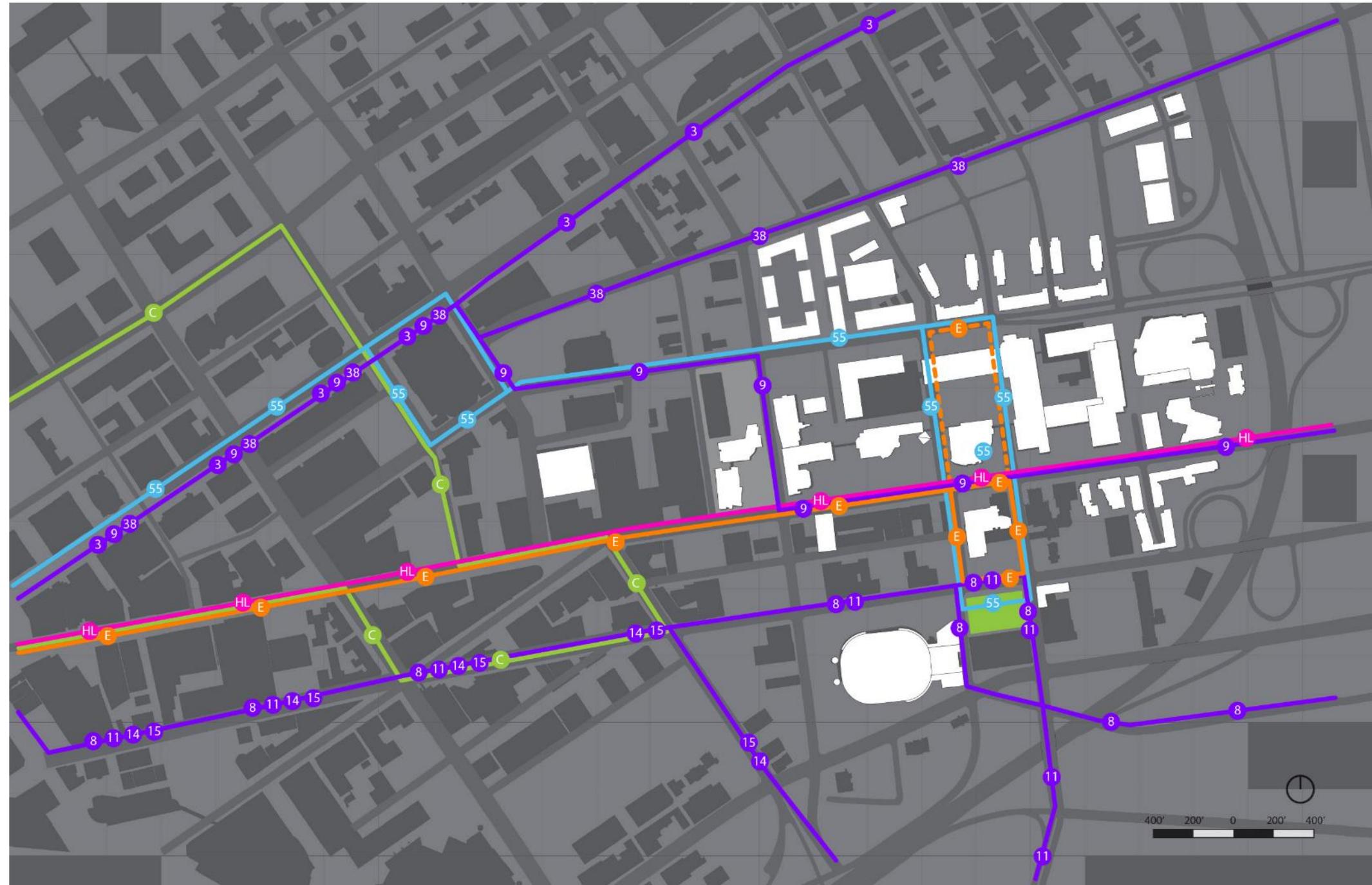


Proposed

# 4 Campus systems – multi-modal transportation

## Encourage & support mode shift to transit

- Campus is well served by existing transit
- Encourage greater use
  - Increased use will reduce parking demand
  - Swipe cards for students
  - Implement transit subsidy for faculty, staff
- Coordinate with GCRTA to extend E line route up to Chester Avenue

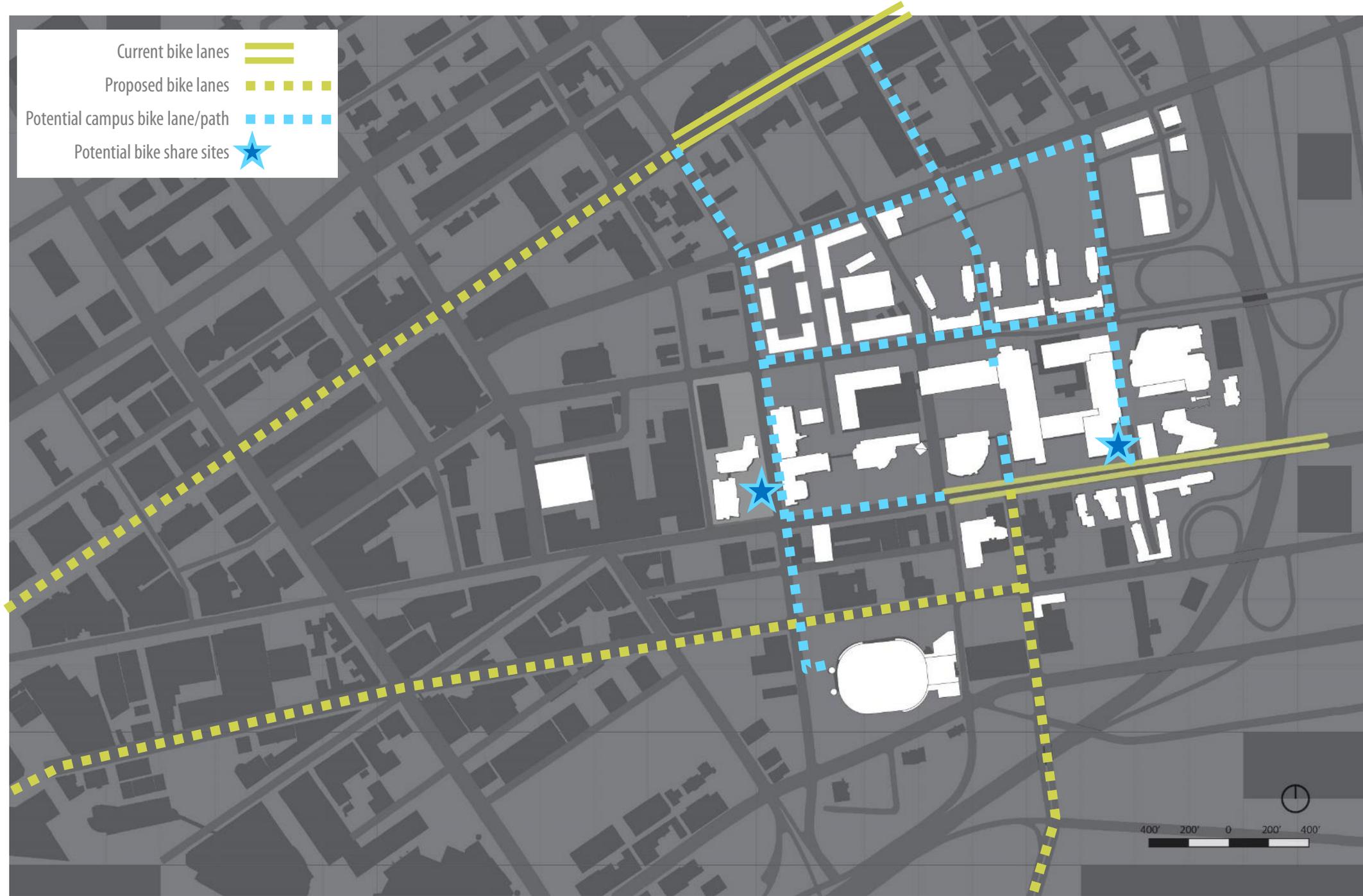
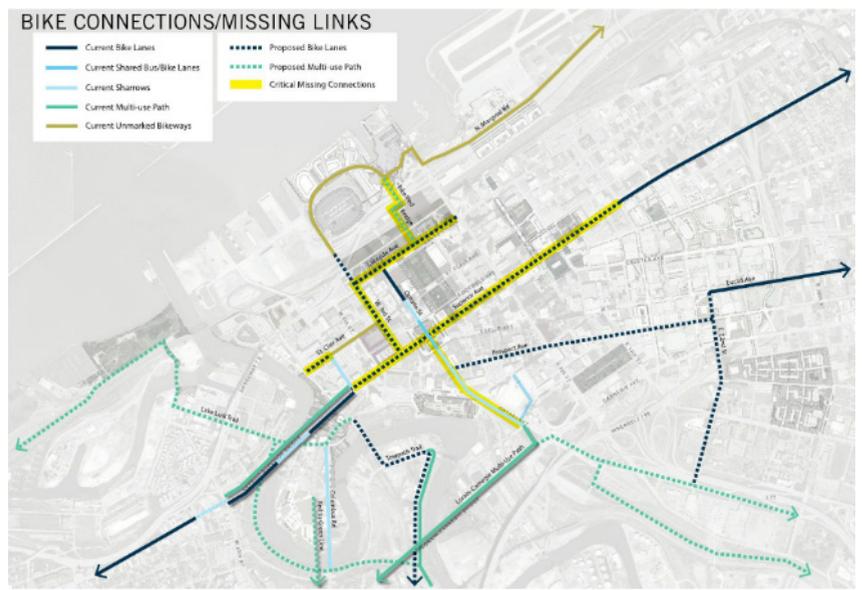


Proposed

# 4 Campus systems – non-motorized + bike transportation

## Facilitate bike use to and around campus

- Cleveland bike share program
  - Near Planning & Law and near Fenn Hall
- Bike rack locations on campus
  - Near popular destinations/buildings
  - Provide in spaces in each parking garage
- City connections
  - Lakefront Greenway & Downtown Connector
  - Connectivity to lakefront



Proposed

# 4

## Campus systems – vehicular circulation

### Maintain existing road network

- Improve pedestrian crossings on Chester Avenue with City
- Potential modification to E. 23<sup>rd</sup> south of Payne for future athletic field relocation
- Consolidate service drives



Existing

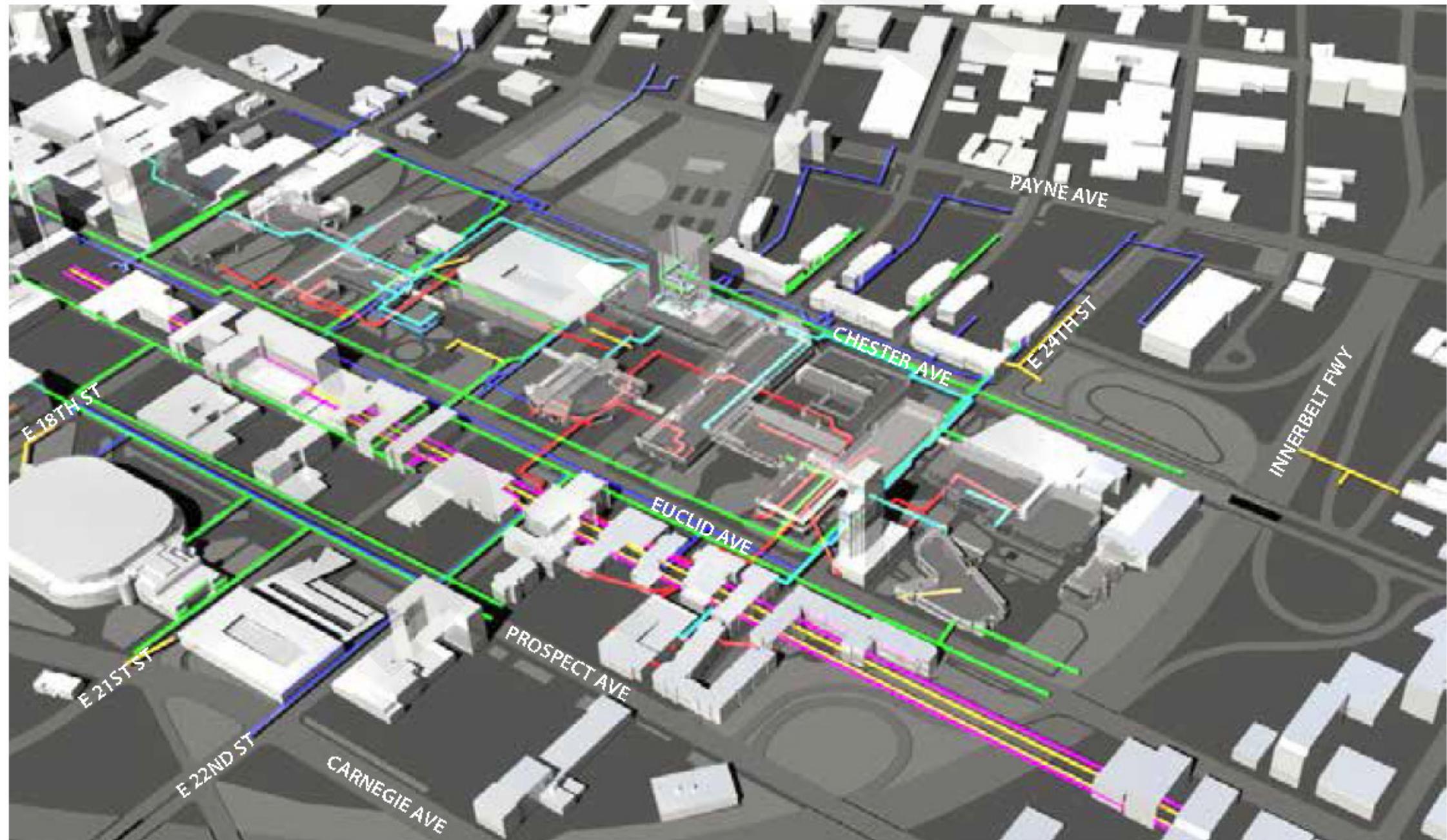


Proposed

# 4 Campus systems – utilities

Continue to maintain dependable utility service

- Recent energy use reductions through increased efficiency
- Electrical grid reaching capacity, explore renewable options
- Chilled water plant has capacity, needs replacement of two chillers in next 5 years
- Continue to explore higher efficiency boilers, and alternative energy



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# 5 Next Steps

## Draft Report Review:

- Draft Report delivered September 8, 2014
- 2-week CSU review, comments due September 19<sup>th</sup>
- Report revisions by October 4<sup>th</sup>

## Draft Presentations:

- Draft Plan Board Presentation September 23<sup>rd</sup>
- Final Draft Presentation to Campus October 7, 2014

