

A photograph of a university campus scene, featuring a large brick building with a prominent arched window and a circular stone plaza in the foreground. The entire image is overlaid with a semi-transparent blue filter. The text is centered over the image.

UNIVERSITY OF KENTUCKY

Concept Alternatives

5 February 2013

S A S A K I

Ross Tarrant Architects

Agenda

Workplan and Schedule

Principles

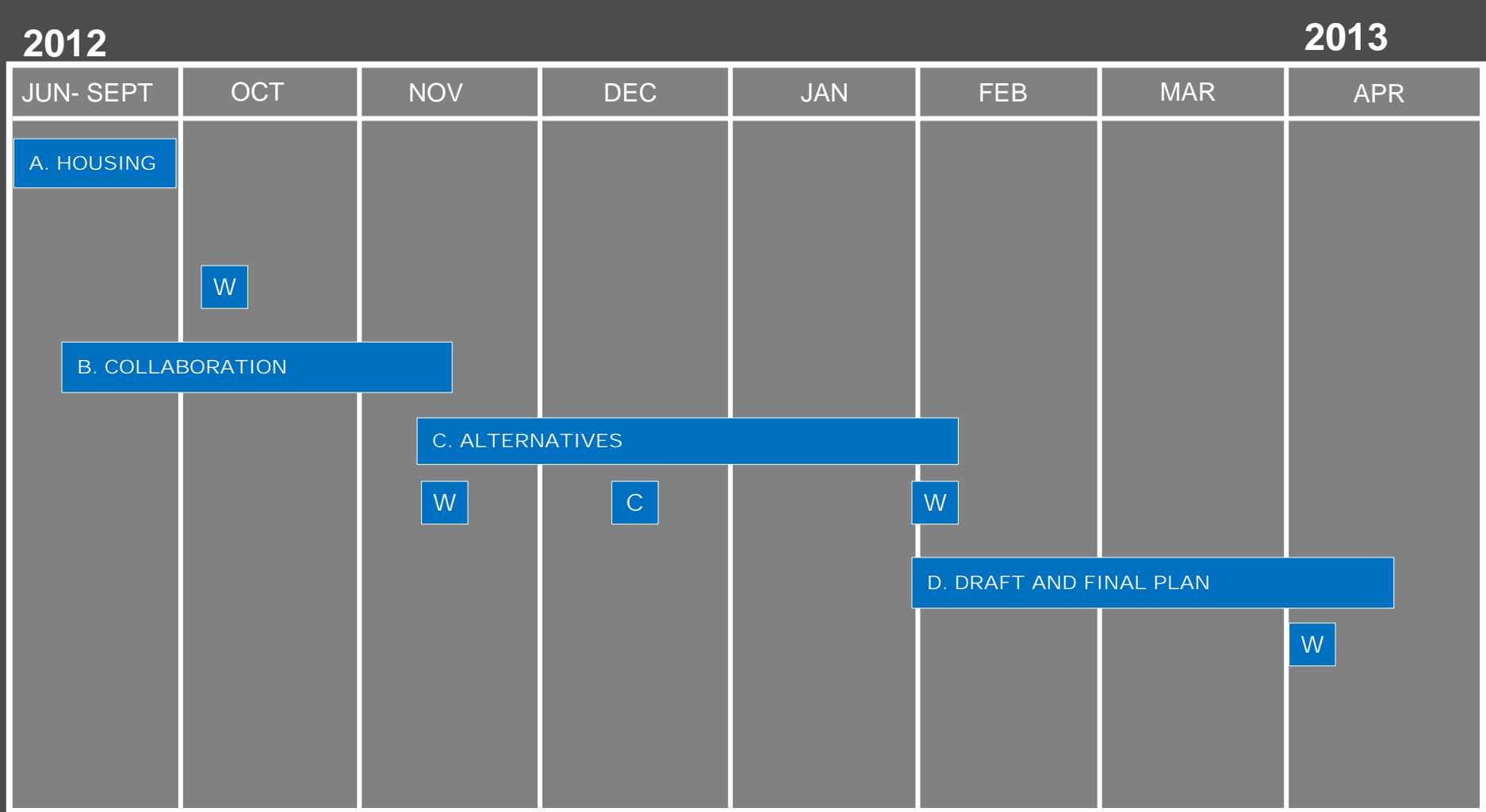
Campus Legacy

Learning Environment

Concept Alternatives

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Workplan and Schedule



- W Work Session
- C North Campus Planning Charrette
- x Webex Meeting

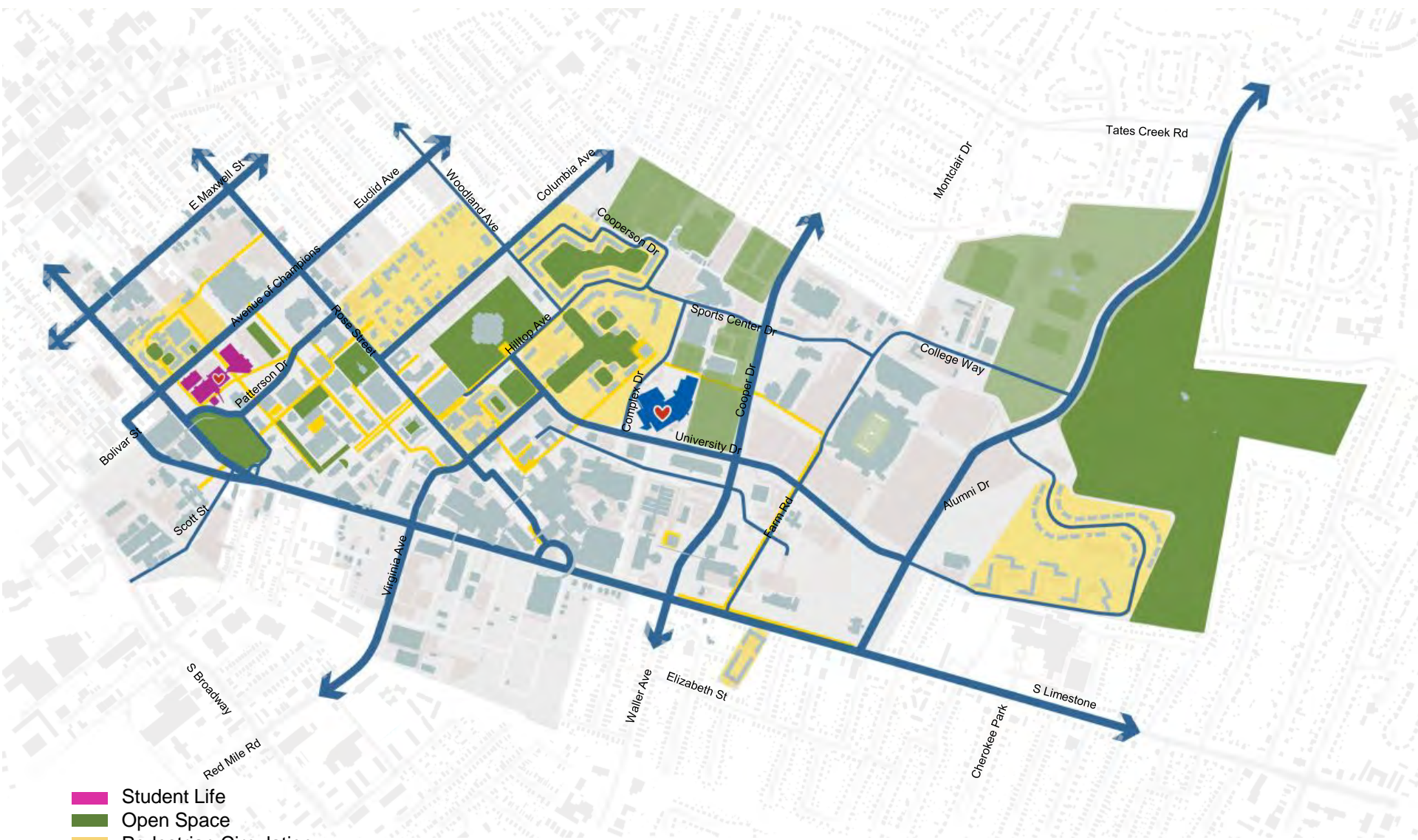
PRINCIPLES

Master Plan Themes

- 1** **COMMUNITY**
- 2** **CIVIC STRUCTURE**
- 3** **MOBILITY**
- 4** **ACADEMIC ENVIRONMENT**
- 5** **CAMPUS LIFE**
- 6** **GROWTH**

FRAMEWORK

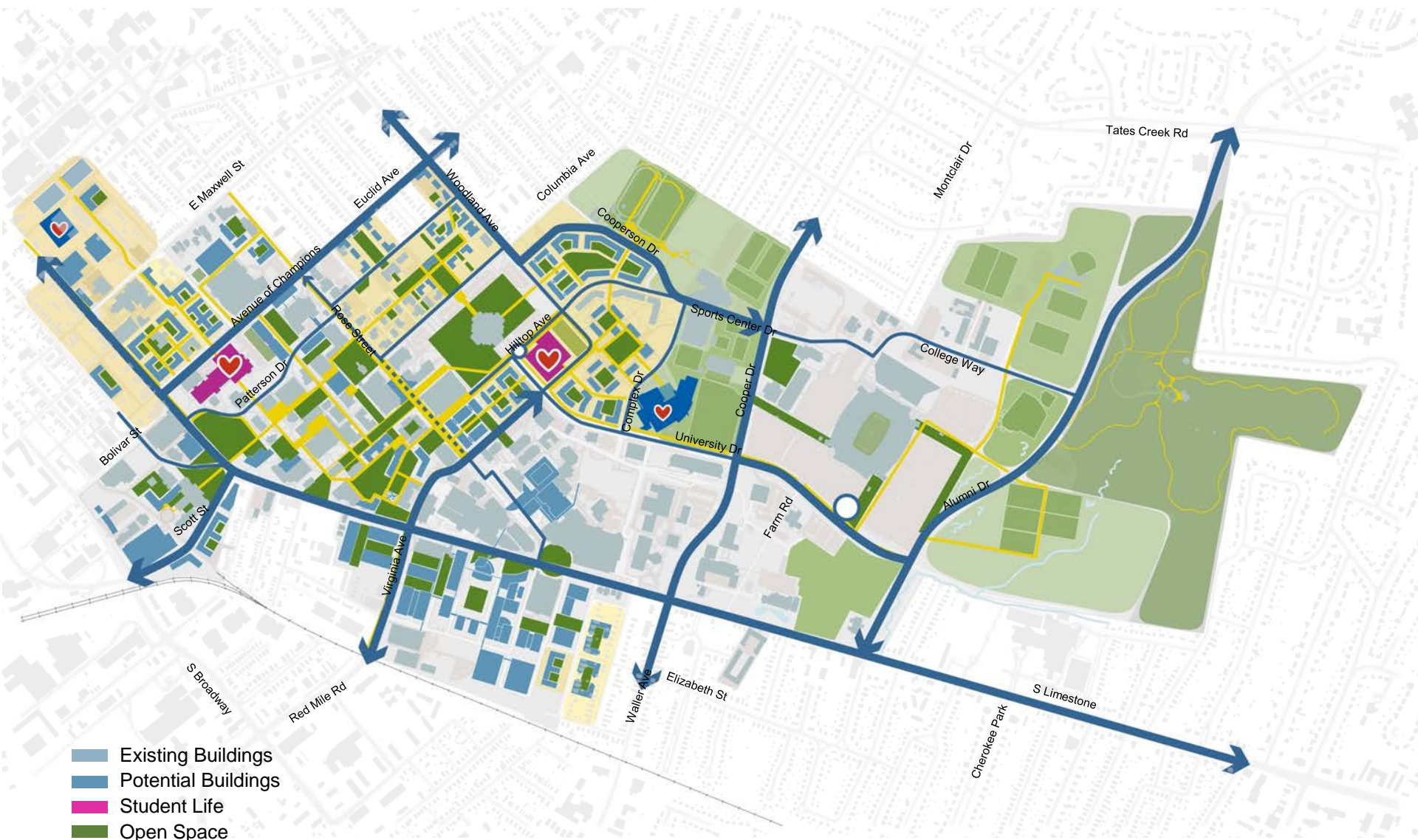
Existing Framework



- Student Life
- Open Space
- Pedestrian Circulation
- Vehicular Circulation
- Residential
- Recreation



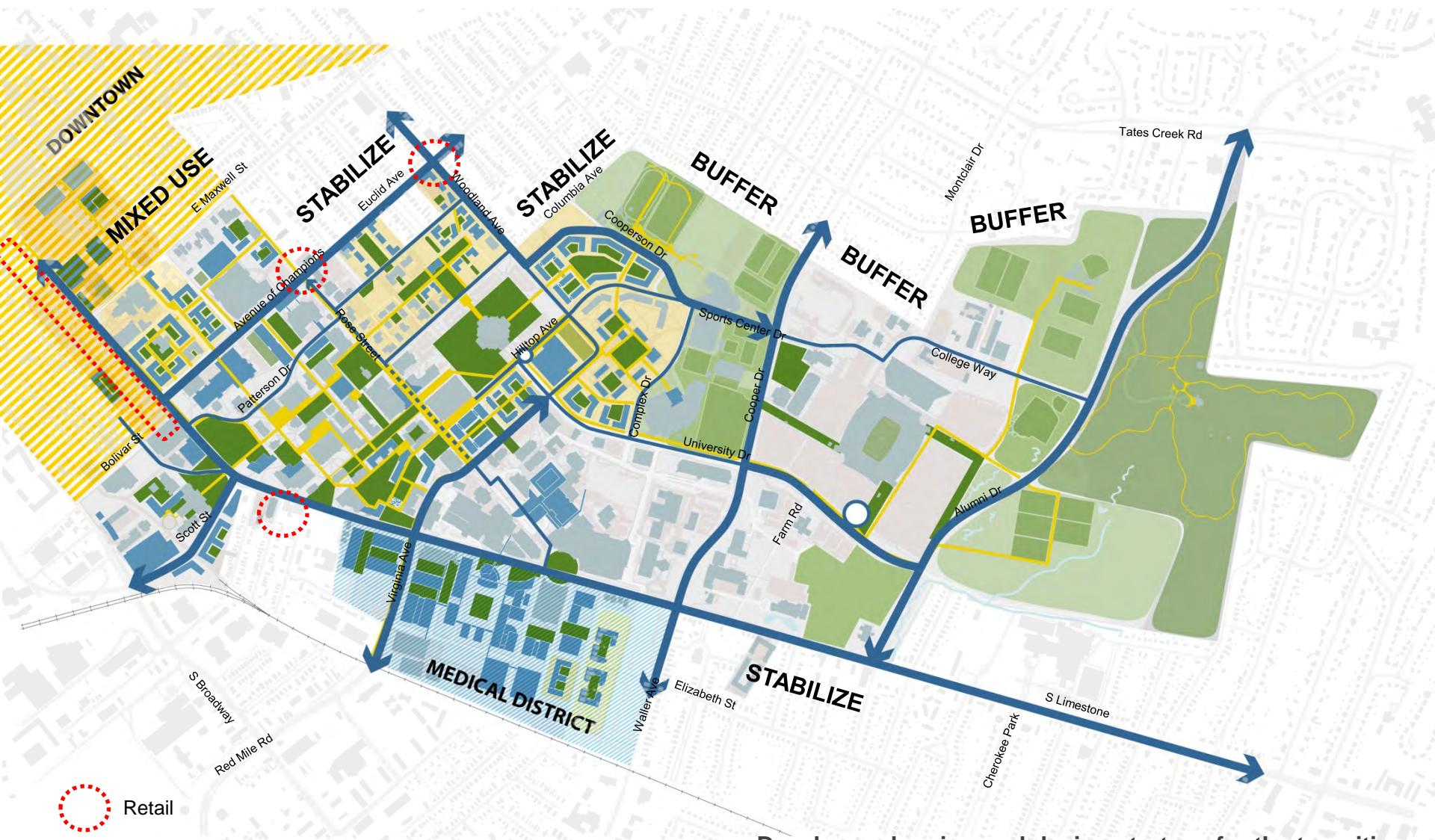
Preliminary Framework



- Existing Buildings
- Potential Buildings
- Student Life
- Open Space
- Pedestrian Circulation
- Vehicular Circulation
- Recreation Center
- Residential



Preliminary Framework Community

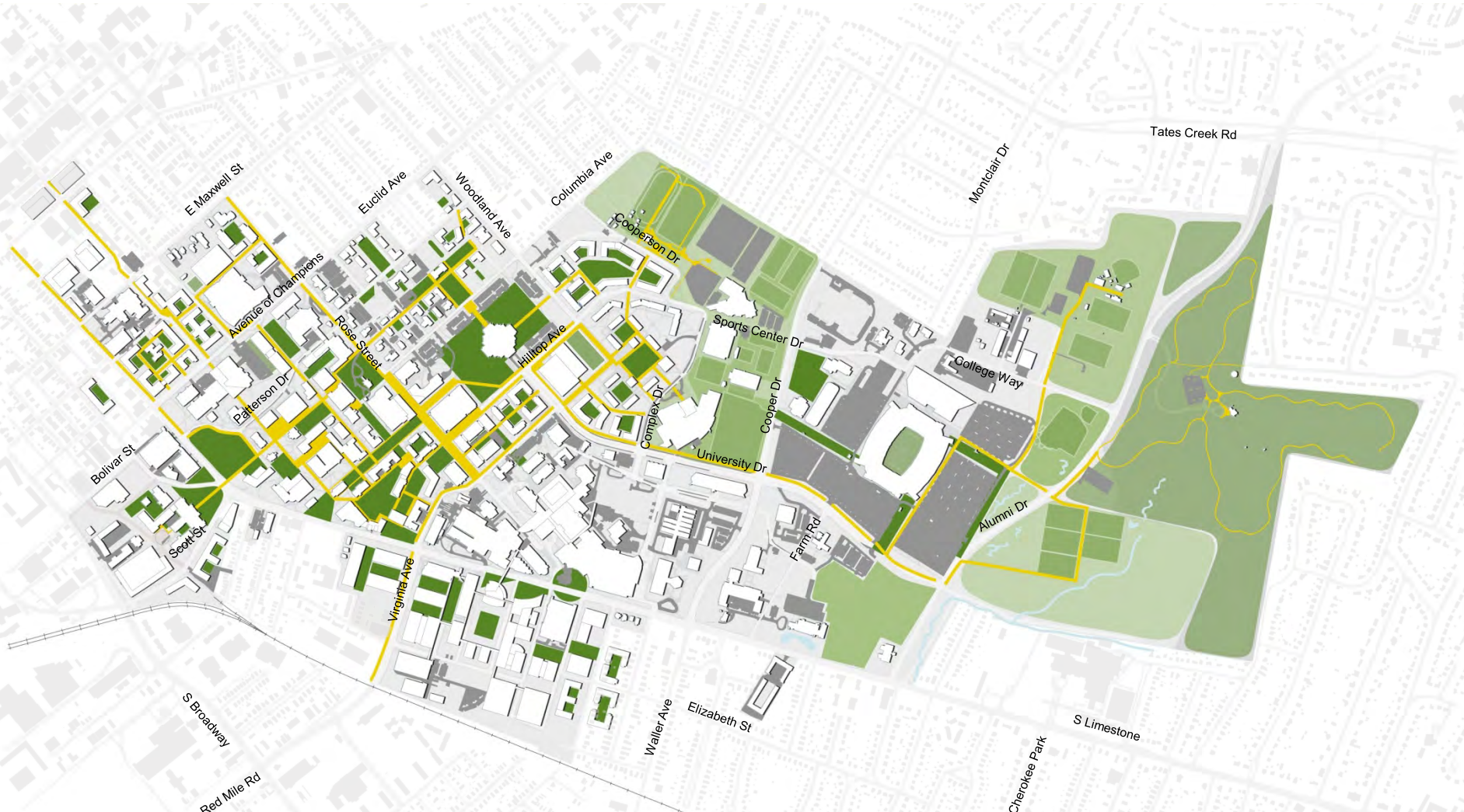


 Retail

Develop a planning and design strategy for the transition zones around the campus.



Preliminary Framework Civic Structure

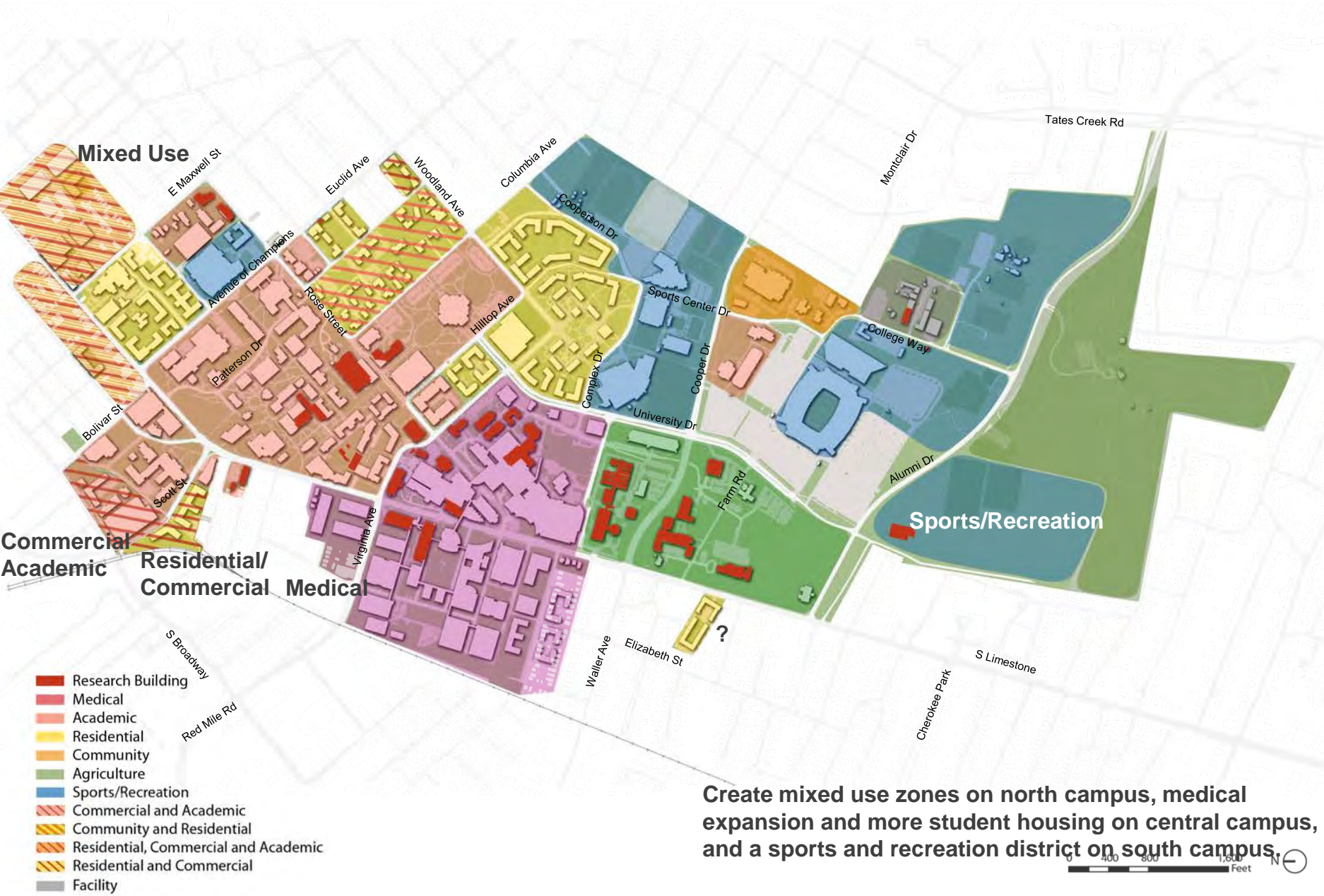


- Pedestrian Circulation
- Open Space
- Athletic Field
- Arboretum
- Parking

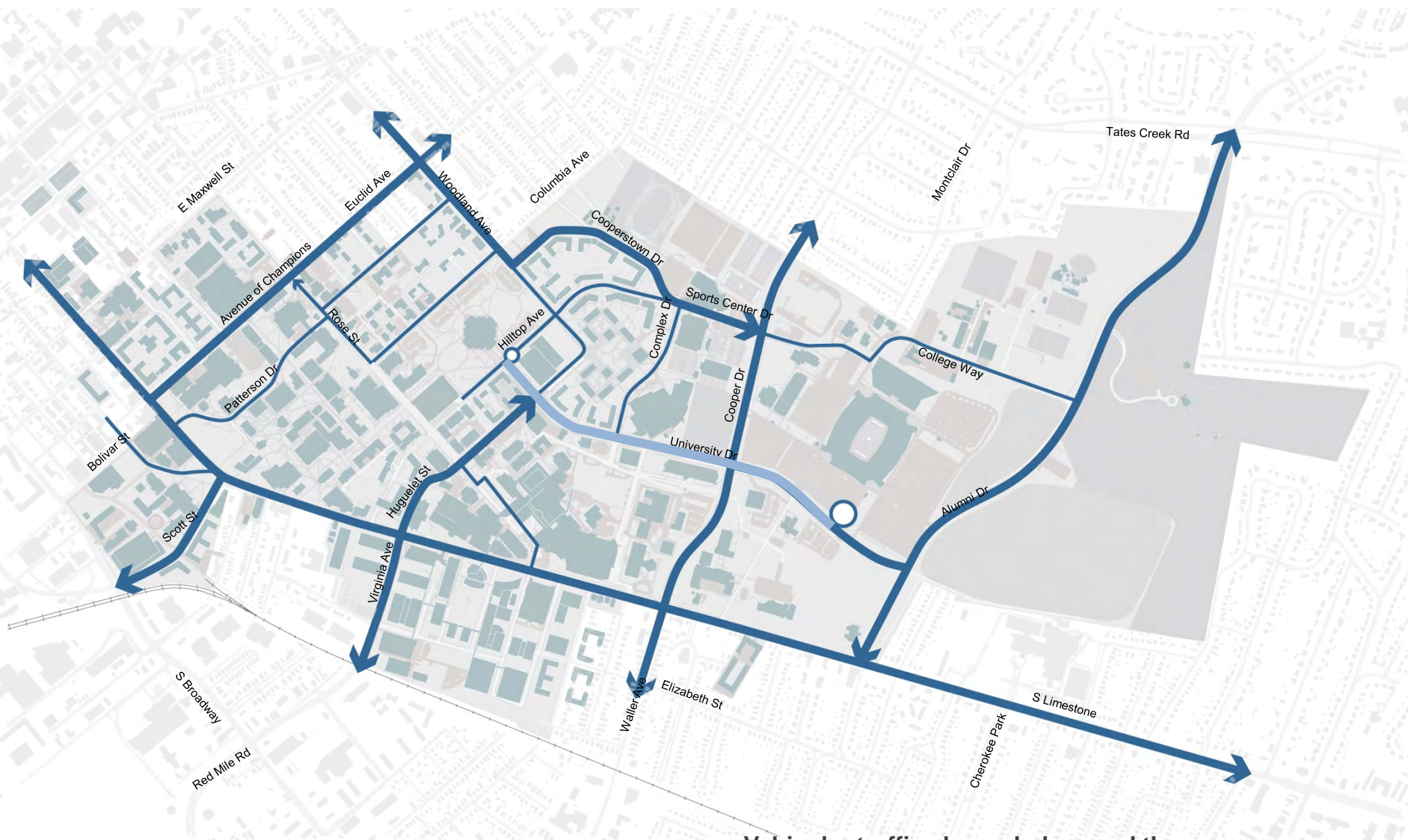
The open space network should serve as the connective tissue for the campus.





Preliminary Framework Land Use



Proposed Framework Mobility



-  Vehicular Circulation
-  Transit Corridor

Vehicular traffic channeled around the campus core



Preliminary Framework Academic Environment



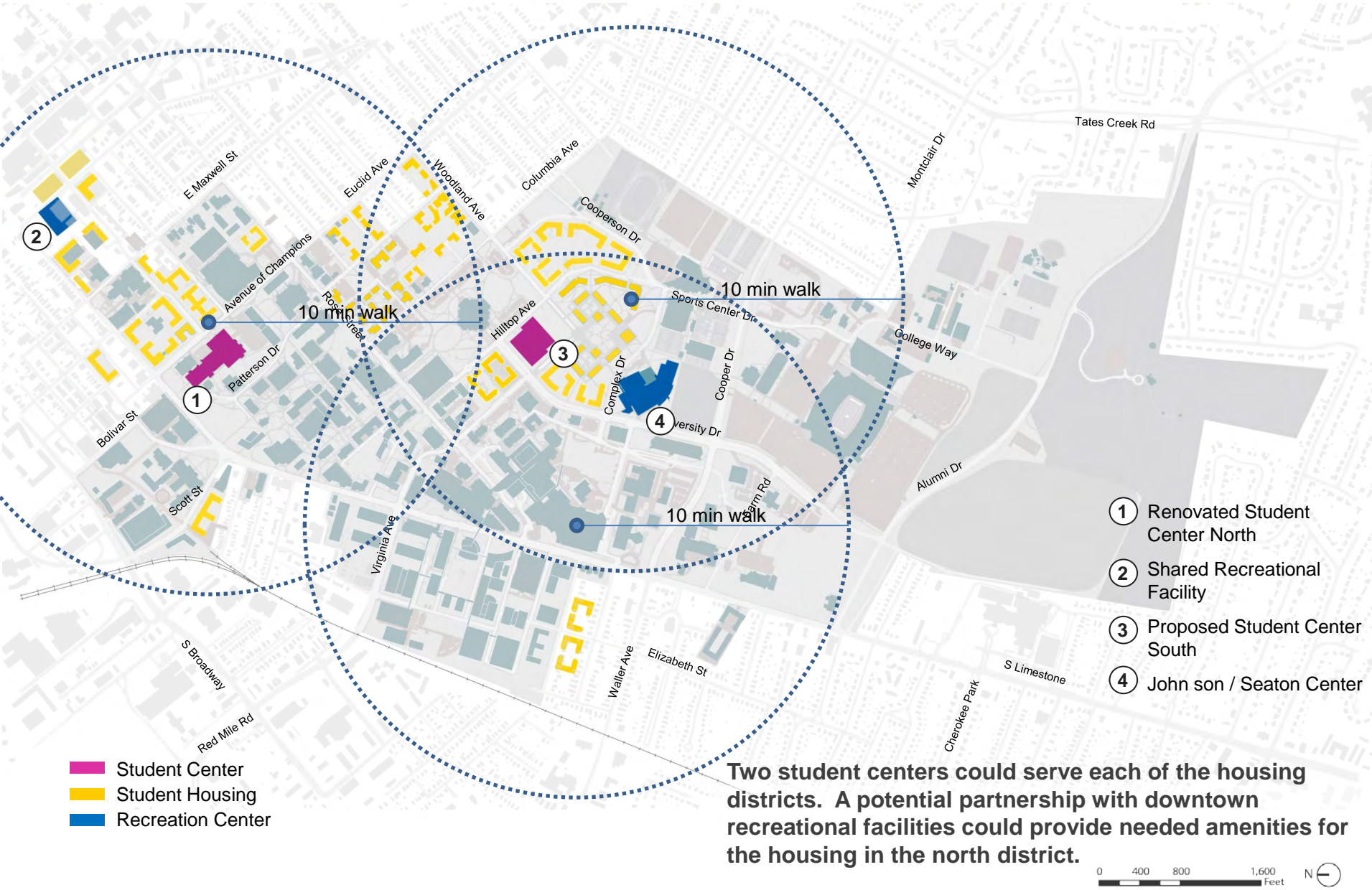
- Existing Academic
- Proposed Academic
- Pedestrian Spines

- ① Proposed Classroom Building
- ② Proposed Academic Building
- ③ Business and Economics Renovation and Addition
- ④ Law School Renovation and Addition
- ⑤ Proposed Science Buildings
- ⑥ Proposed Digital Village Buildings

Infill the academic core with academic and research buildings that reinforce the pedestrian spines and build learning communities.



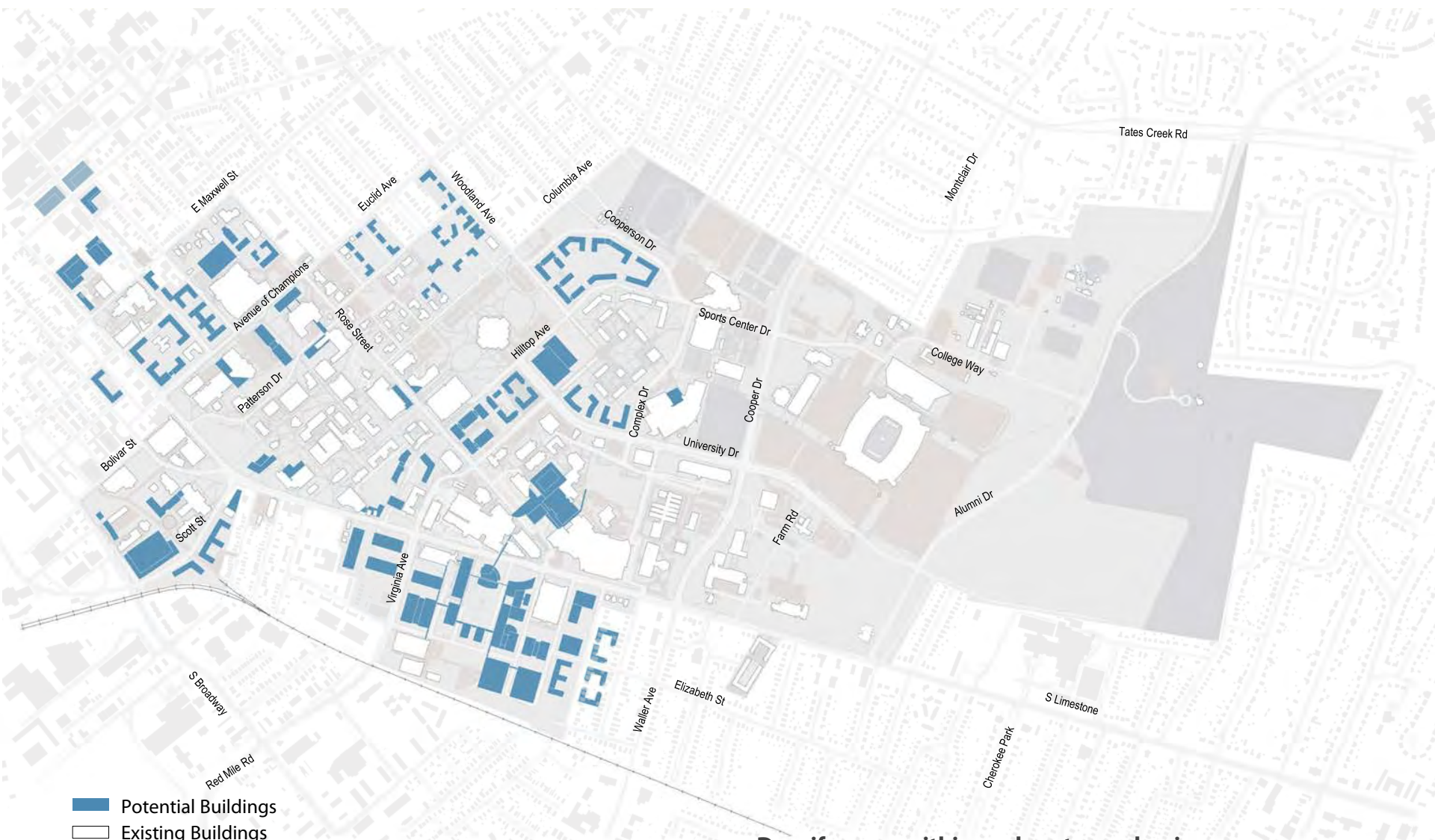
Preliminary Framework Campus Life



- ① Renovated Student Center North
- ② Shared Recreational Facility
- ③ Proposed Student Center South
- ④ John son / Seaton Center

Two student centers could serve each of the housing districts. A potential partnership with downtown recreational facilities could provide needed amenities for the housing in the north district.

Preliminary Framework Growth



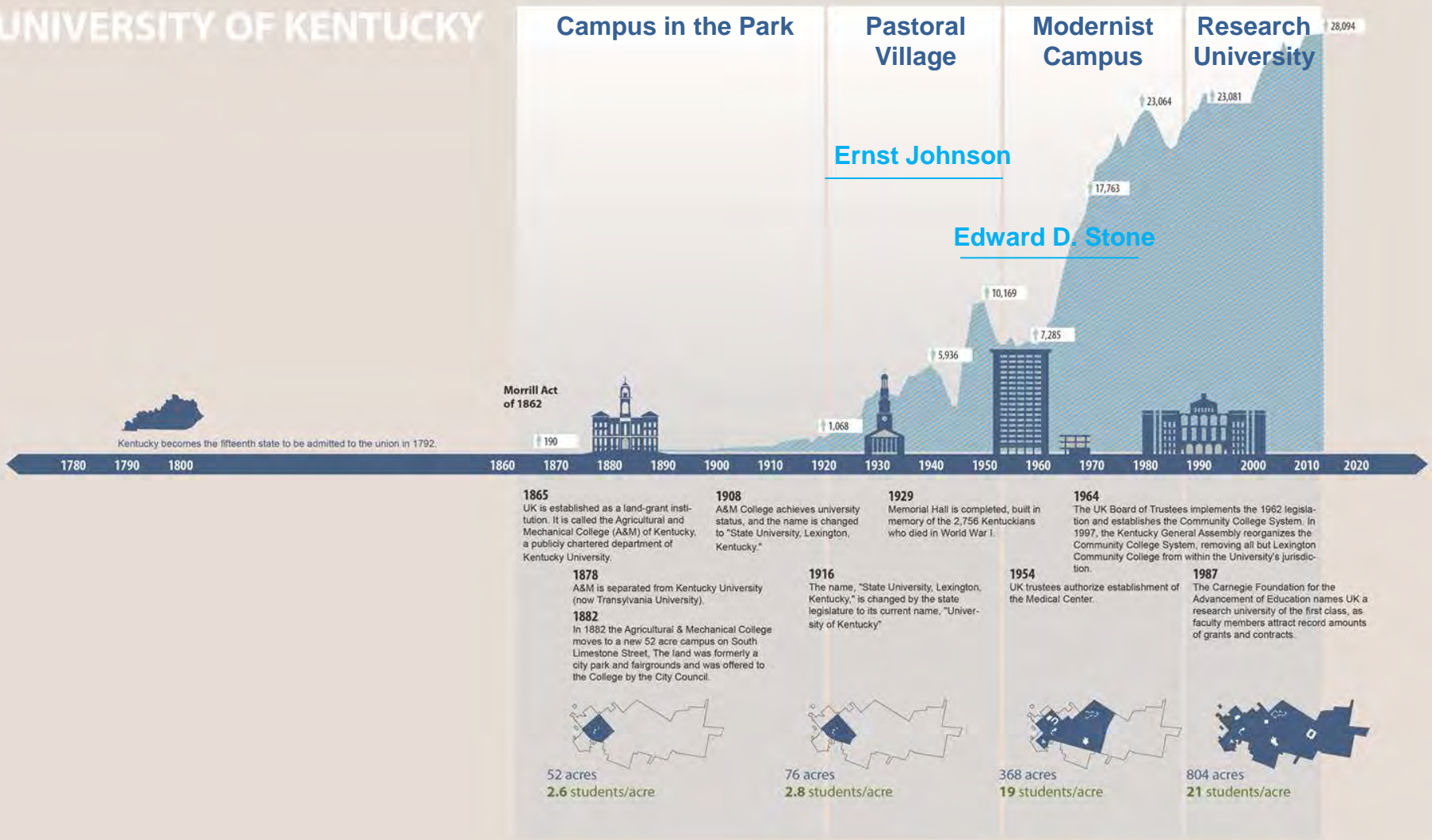
Densify areas within or close to academic core.



CAMPUS LEGACY

Campus History

UNIVERSITY OF KENTUCKY



Campus in the Park

Pastoral Village

Modernist Campus

Research University

Ernst Johnson

Edward D. Stone

Morrill Act of 1862

1865
UK is established as a land-grant institution. It is called the Agricultural and Mechanical College (A&M) of Kentucky, a publicly chartered department of Kentucky University.

1878
A&M is separated from Kentucky University (now Transylvania University).

1882
In 1882 the Agricultural & Mechanical College moves to a new 52 acre campus on South Limestone Street. The land was formerly a city park and fairgrounds and was offered to the College by the City Council.



52 acres
2.6 students/acre

1908
A&M College achieves university status, and the name is changed to "State University, Lexington, Kentucky."

1916
The name, "State University, Lexington, Kentucky," is changed by the state legislature to its current name, "University of Kentucky"



76 acres
2.8 students/acre

1929
Memorial Hall is completed, built in memory of the 2,756 Kentuckians who died in World War I.

1954
UK trustees authorize establishment of the Medical Center.



368 acres
19 students/acre

1964
The UK Board of Trustees implements the 1962 legislation and establishes the Community College System. In 1997, the Kentucky General Assembly reorganizes the Community College System, removing all but Lexington Community College from within the University's jurisdiction.

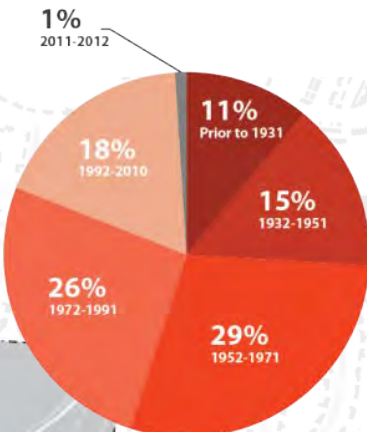
1987
The Carnegie Foundation for the Advancement of Education names UK a research university of the first class, as faculty members attract record amounts of grants and contracts.



804 acres
21 students/acre

+ References: University of Kentucky Libraries; UK Chronology http://libraries.uky.edu/libpage.php?web_id=311&lib_id=13

Buildings by Age



■ Prior to 1931	43	11%
■ 1932 - 1951	58	15%
■ 1952 - 1971	109	29%
■ 1972 - 1991	99	26%
■ 1992 - 2010	67	18%
■ Unknown		
■ 2011-2012	3	1%

Nearly 30 percent of campus buildings were built during the 1950s and 1960s, reflecting the increasing campus population at that time.

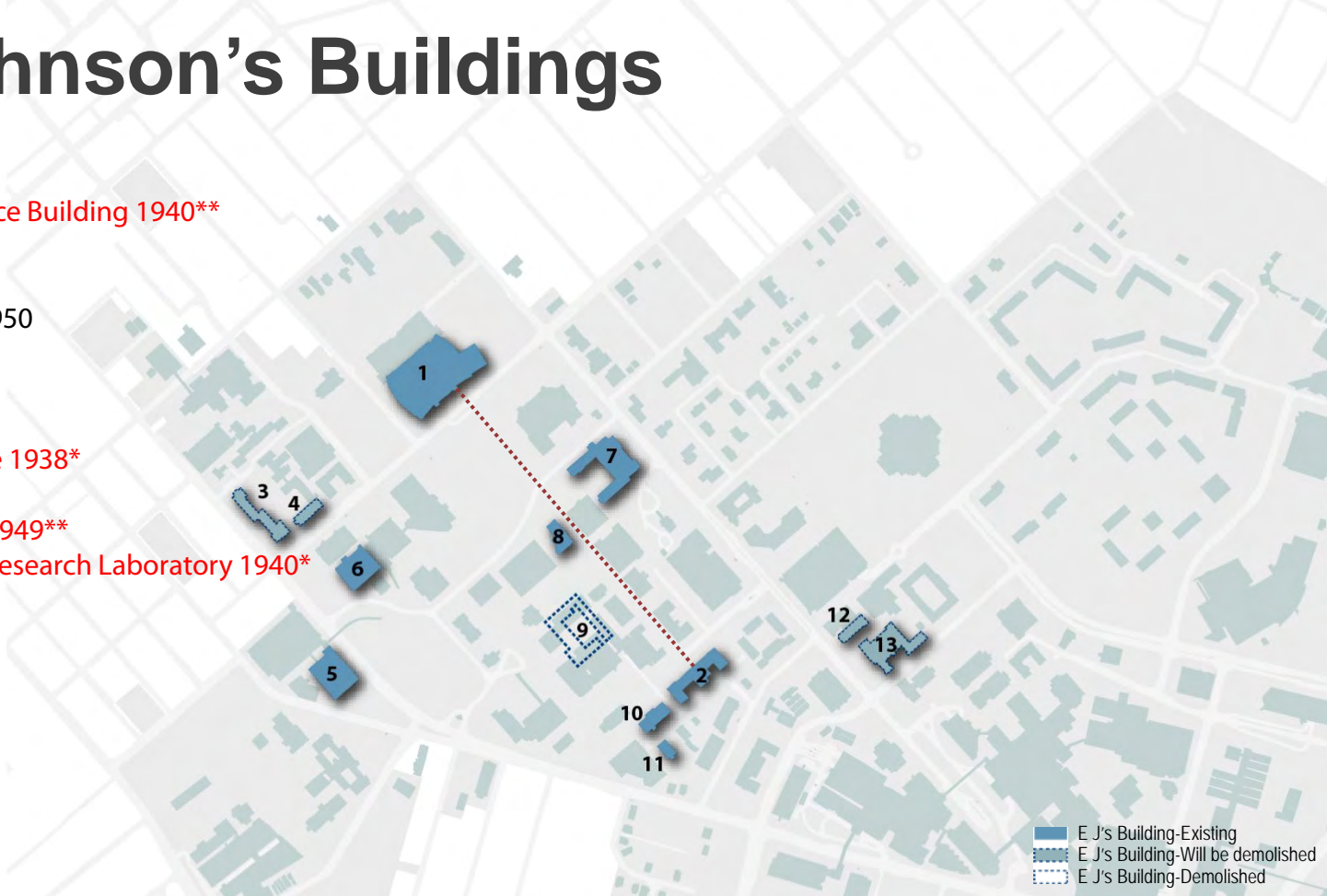
Data Sources:
Original Map Created by Facilities Management (REV: 20120927)



Ernst V. Johnson's Buildings

- 1. Memorial Coliseum 1950
- 2. Funkhouser Biological Science Building 1940**
- 3. Jewell Hall 1938*
- 4. Holmes Hall 1956*
- 5. Peterson Service Building 1950
- 6. The Old Student Union 1937
- 7. Fine Arts Building 1950
- 8. Lafferty Hall 1939
- 9. The Engineering Quadrangle 1938*
- 10. Erikson Hall 1940
- 11. Mineral Industries Building 1949**
- 12. Wenner-Gren Aeronautical Research Laboratory 1940*
- 13. Donovan Hall 1956*

* Confirmed for demolition
 ** Potential demolition



1. Memorial Coliseum



2. Funkhouser



3. Jewell Hall



4. Holmes Hall



5. Peterson Service Building



6. The Old Student Union



7. Fine Art Building



8. Lafferty Hall



9. The Engineering Quad



10. Erikson Hall



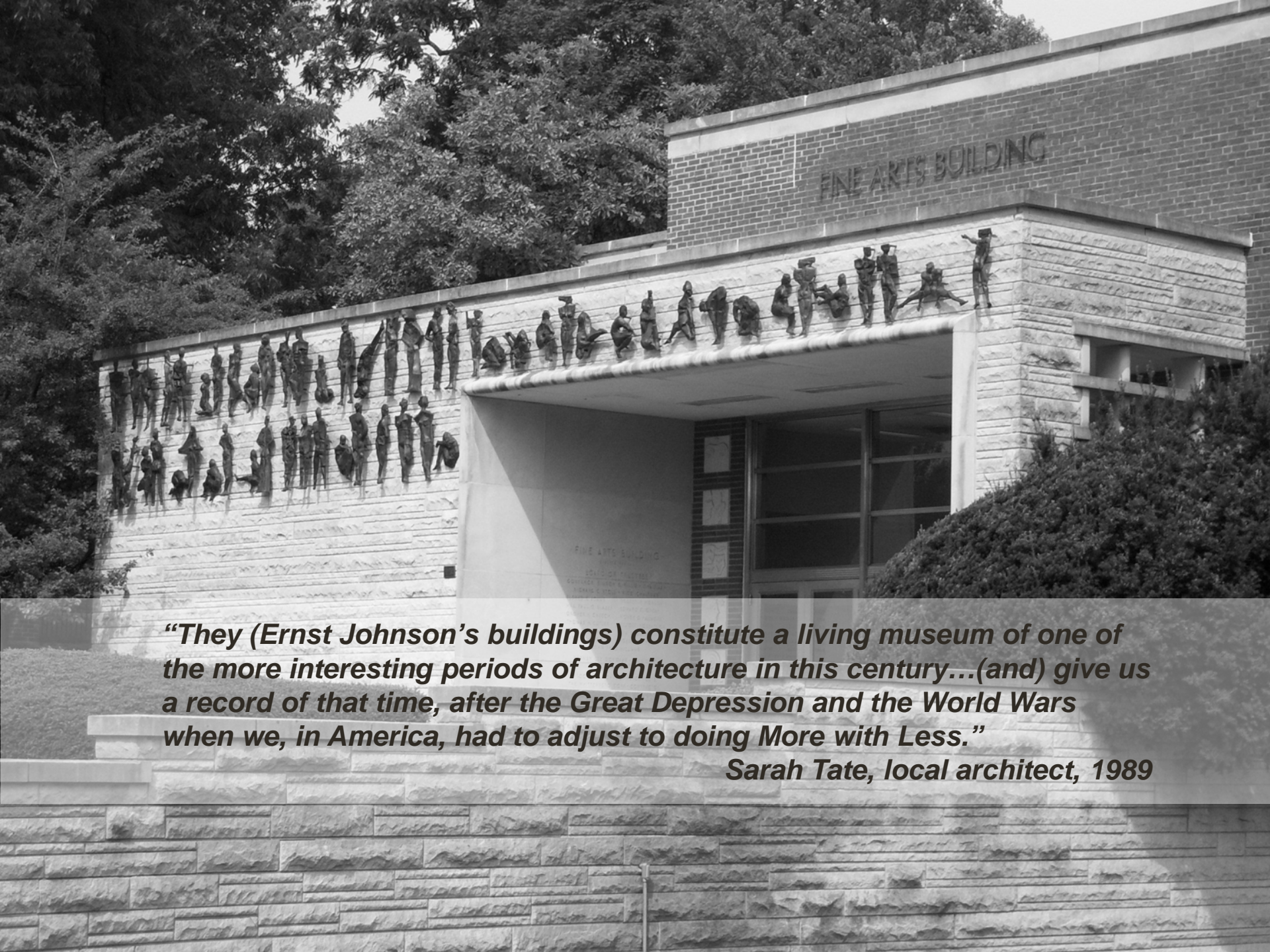
11. Mineral Ind Bldg



12. Wenner-Gren Lab



13. Donovan Hall



“They (Ernst Johnson’s buildings) constitute a living museum of one of the more interesting periods of architecture in this century...(and) give us a record of that time, after the Great Depression and the World Wars when we, in America, had to adjust to doing More with Less.”

Sarah Tate, local architect, 1989

Funkhouser 1940



“I know of no other place in Lexington that gives us a sense of monumental scale as do these two structures at either end of this axis... (Funkhouser) provide(s) a strong anchor to close the vista...”

Sarah Tate, local architect, 1989

Memorial Coliseum 1950



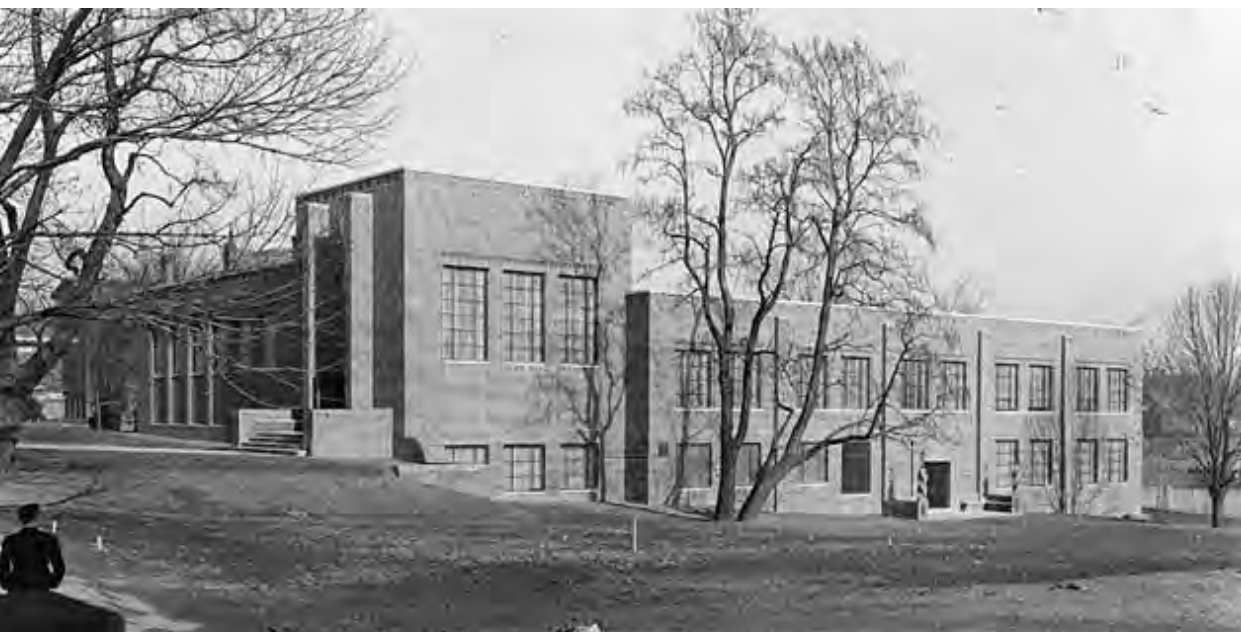
“(Memorial Coliseum) is one of the finest buildings in our state, of any period. It exemplifies the tenets of modernism...”

Sarah Tate, local architect, 1989

Old Student Union 1937

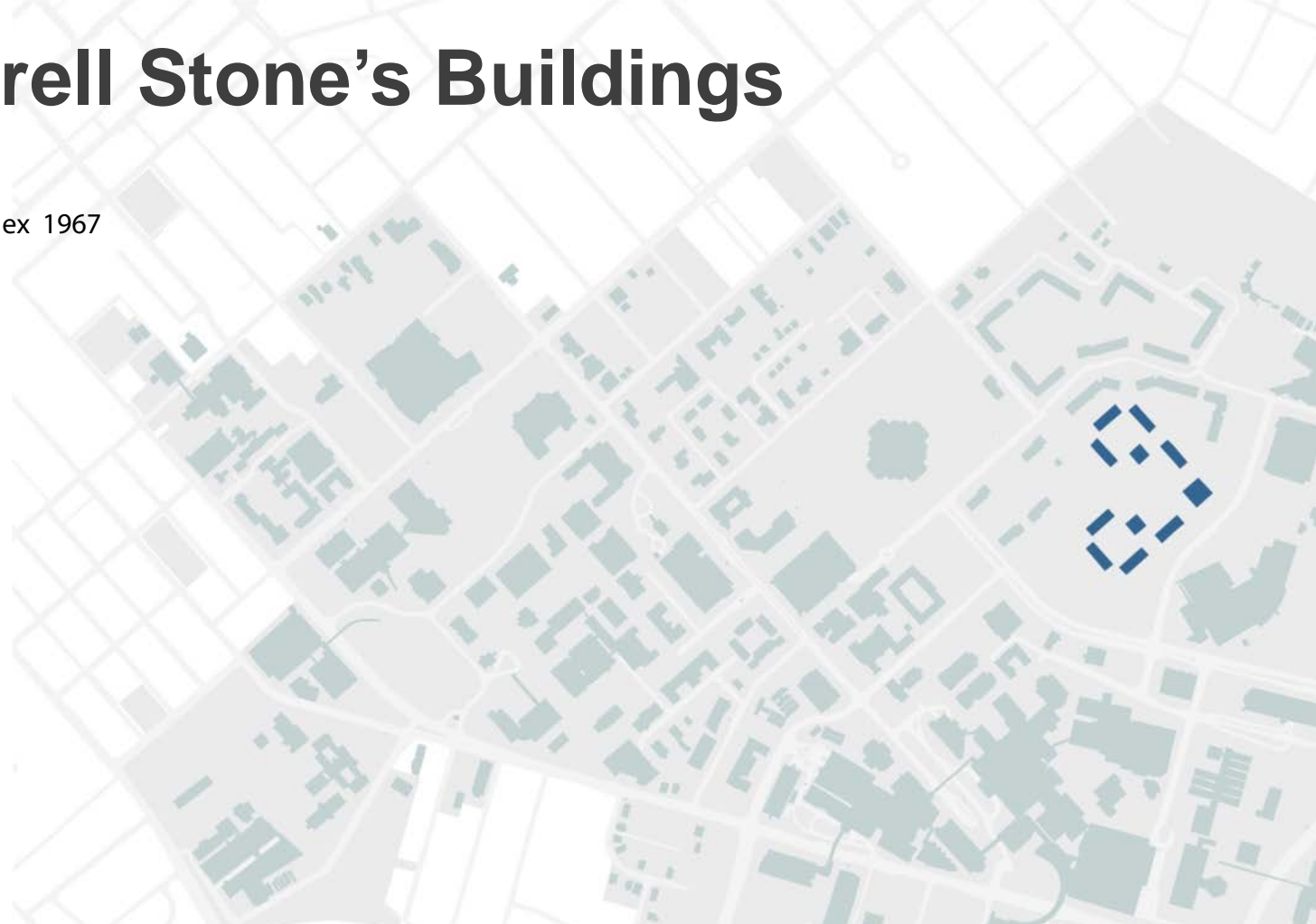


Lafferty Hall 1939



Edward Durrell Stone's Buildings

Kirwan-Blanding Dorm Complex 1967



A black and white photograph showing three men in suits gathered around a large architectural model of a dormitory complex. The man in the center is pointing at a specific part of the model. The man on the right is wearing glasses. The background shows a bookshelf and a window with curtains.

“Theoretically, idealistically, a college campus is a place for some repose and meditation.”

***Edward Durell Stone
Men of Modern Architecture***

From the Left: University of Kentucky president Frank Dickey, Architect Edward Durell Stone, and State Finance Commissioner David H. Pritchett inspecting a cutaway model of the University of Kentucky's proposed undergraduate student housing complex, the Kirwan-Blanding Dorm Complex, 1963

Kirwan-Blanding Dorm Complex 1960

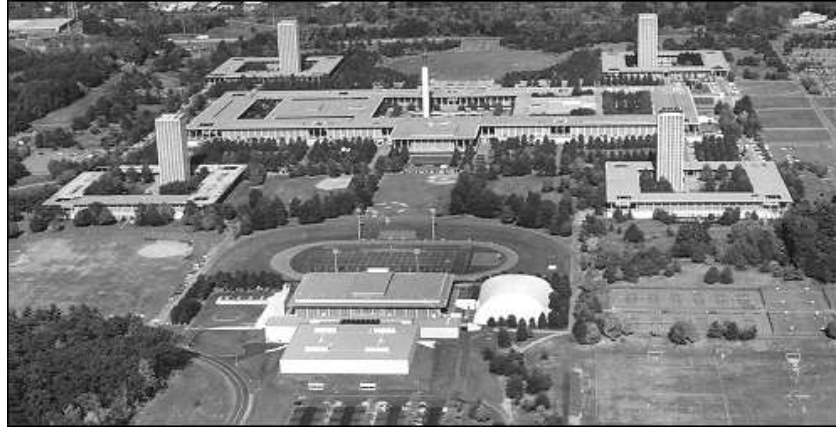


Campus History

Modern and international styles of architecture and planning

- **Radio City Music Hall (1939)***
- **Museum of Modern Art***
- **SUNY Albany***
- Lincoln Center (1966)
- World Trade Center (1970)
- Empire State Plaza (1973)

* Ed Stone projects



LEARNING ENVIRONMENT

Planned Program

Proposed Projects:

- **Gatton School of Business and Economics**
Renovation and addition 134,000 sf +66,000sf (2015)
- **Academic Science Building**
New construction; demolish Donovan Hall, 263,000 (2015)
- **Commonwealth Stadium**
Renovation (2015)
- **Campus High School**
Construction, FCPS funding (2014?)

Additional Athletic Projects:

- **Soccer and Softball**
New construction
- **Baseball**
New construction
- **Boone Tennis Center**
Expansion

Next Medical Priorities

- **Continued hospital build-out**
- **Children's Hospital**
- **BBSRB2**
- **Shriner's Hospital**
- **Icon Building**
- **Dentistry renovation**

Potential Future Projects:

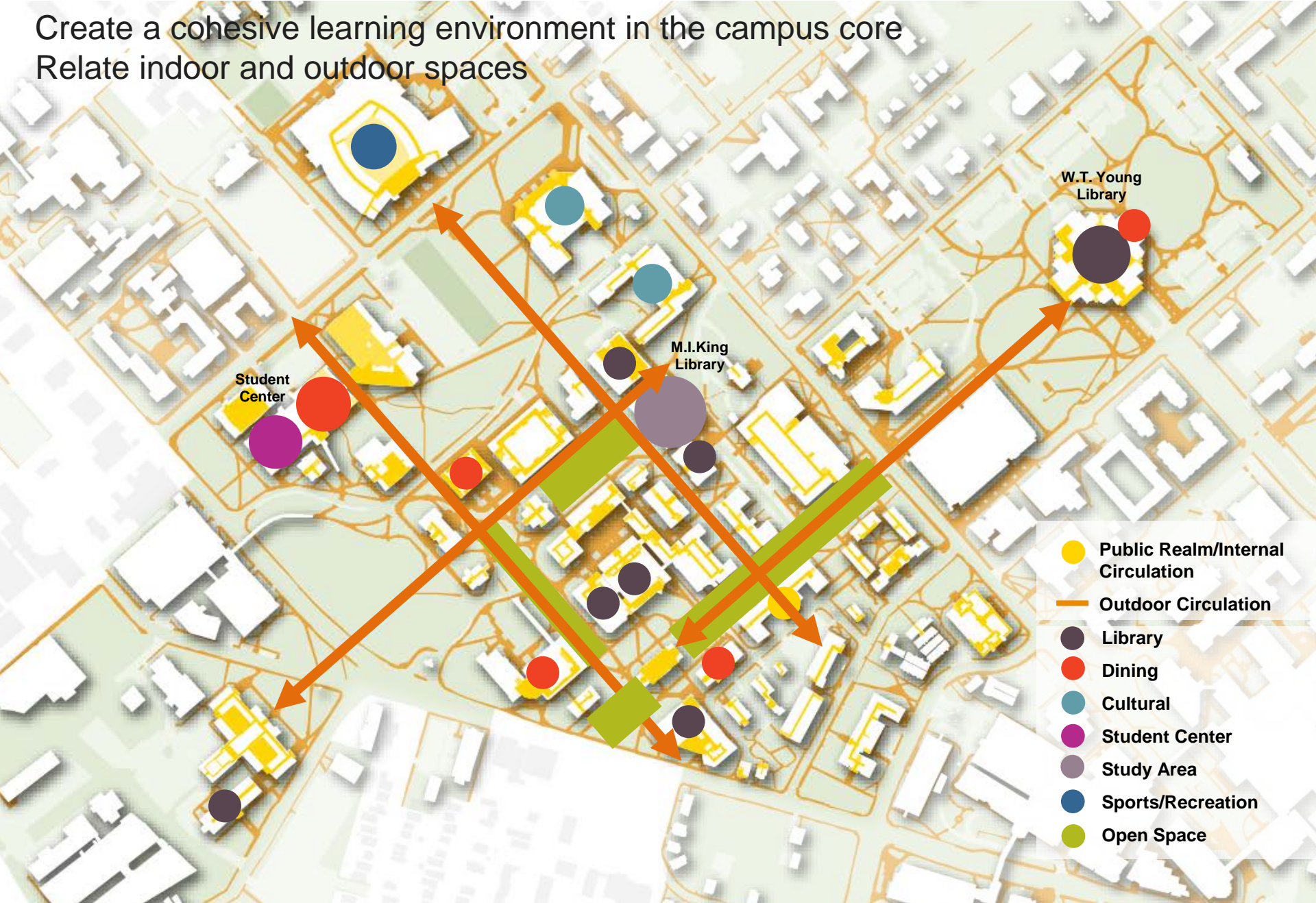
- **Law School**
Renovation and addition
- **Chemistry-Physics Building**
Renovation ?
- **Taylor Ed / Dickey Hall**
Renovation
- **Johnson Center**
Addition
- **New Dining**
Addition / construction
- **Student Center (with dining)**
Renovation and addition
- **New South Student Commons**
New construction
- **Parking Structures**
Joe Craft / K-Lot / Press Ave./Scott Street

Other Potential Projects:

- **Washington Street area**
- **Kirwan-Blanding Complex**
- **Patterson Hall**
- **Lafferty Hall**
- **MIK Library**

Public Realm Plan

Create a cohesive learning environment in the campus core
Relate indoor and outdoor spaces



Classroom Utilization Timeline



MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY

+24



<input checked="" type="checkbox"/> College of Agriculture	<input checked="" type="checkbox"/> College of Engineering	<input checked="" type="checkbox"/> College of Pharmacy
<input checked="" type="checkbox"/> College of Arts and Sciences	<input checked="" type="checkbox"/> College of Fine Arts	<input checked="" type="checkbox"/> College of Public Health
<input checked="" type="checkbox"/> College of Communication and Information	<input checked="" type="checkbox"/> College of Health Sciences	<input checked="" type="checkbox"/> College of Social Work
<input checked="" type="checkbox"/> College of Dentistry	<input checked="" type="checkbox"/> College of Law	<input checked="" type="checkbox"/> Gatton College of Business and Economics
<input checked="" type="checkbox"/> College of Design	<input checked="" type="checkbox"/> College of Medicine	<input checked="" type="checkbox"/> Graduate School
<input checked="" type="checkbox"/> College of Education	<input checked="" type="checkbox"/> College of Nursing	<input checked="" type="checkbox"/> Undergraduate Education



Rollover Info

CONCEPT 1

Regenerating the Core

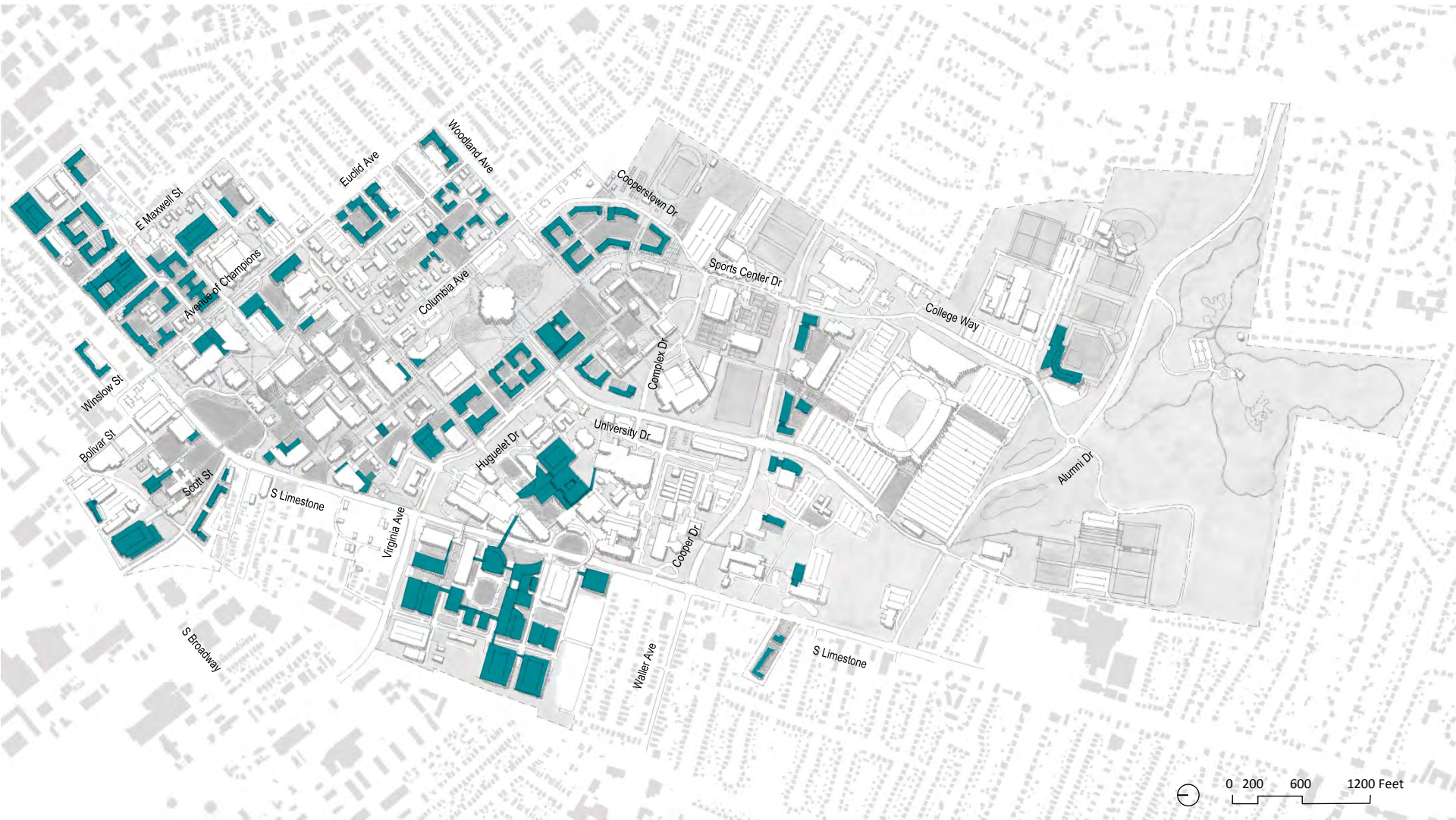
Concept 1 Regenerating the Core

Maintain historic buildings



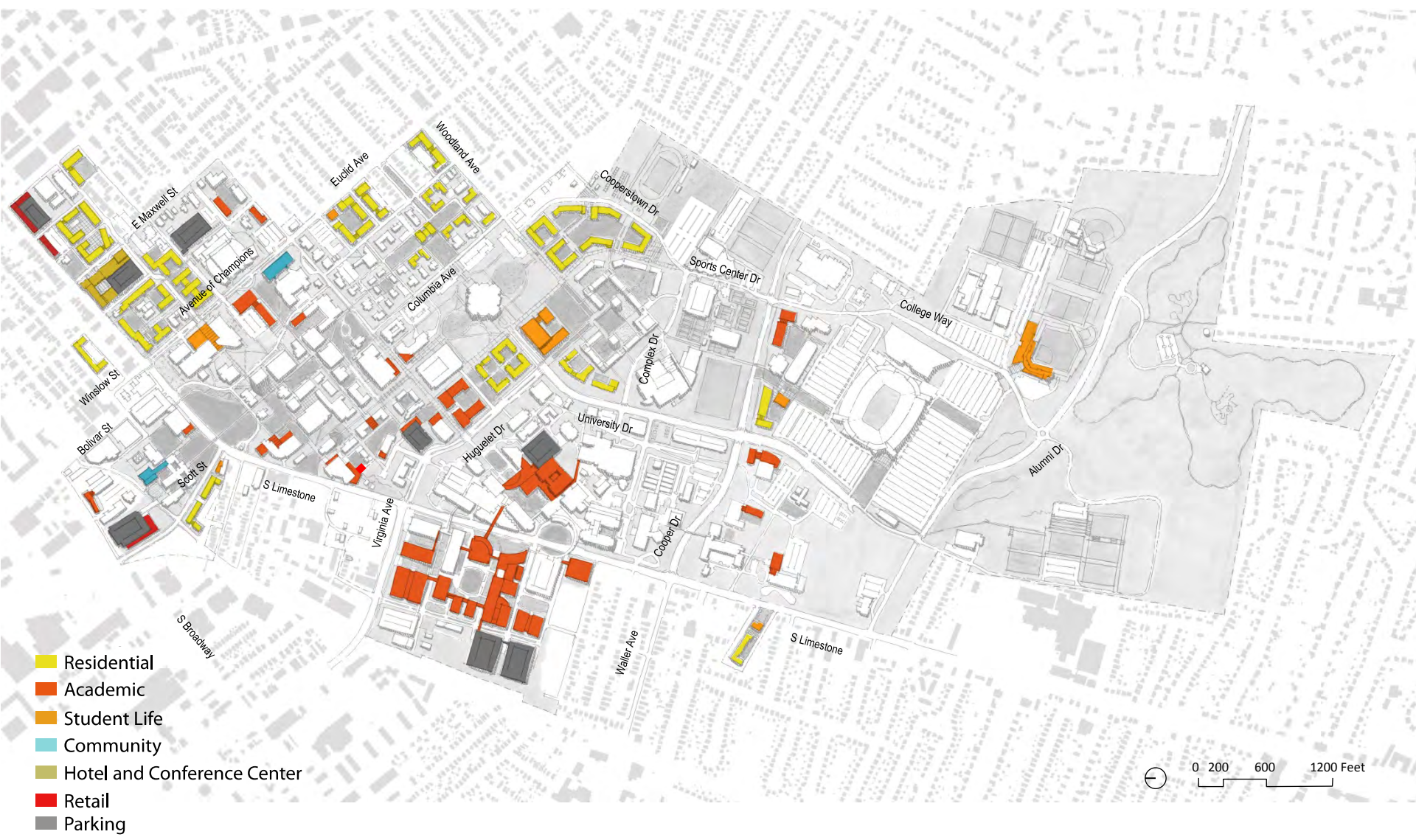
Concept 1 Regenerating the Core

Proposed Buildings



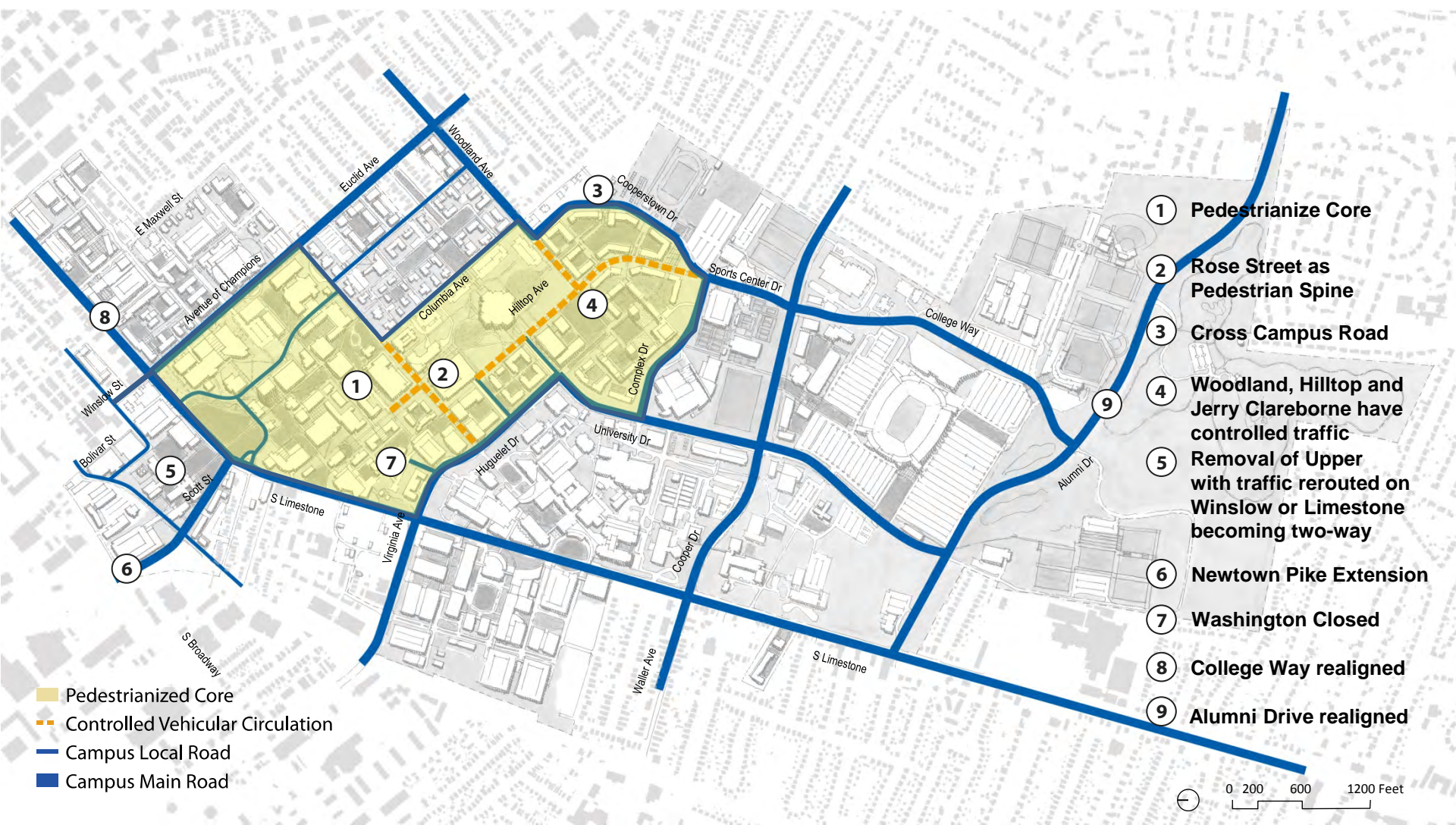
Concept 1 Regenerating the Core

Proposed Land Use



Concept 1 Regenerating the Core

Proposed Mobility Framework: Vehicular Circulation



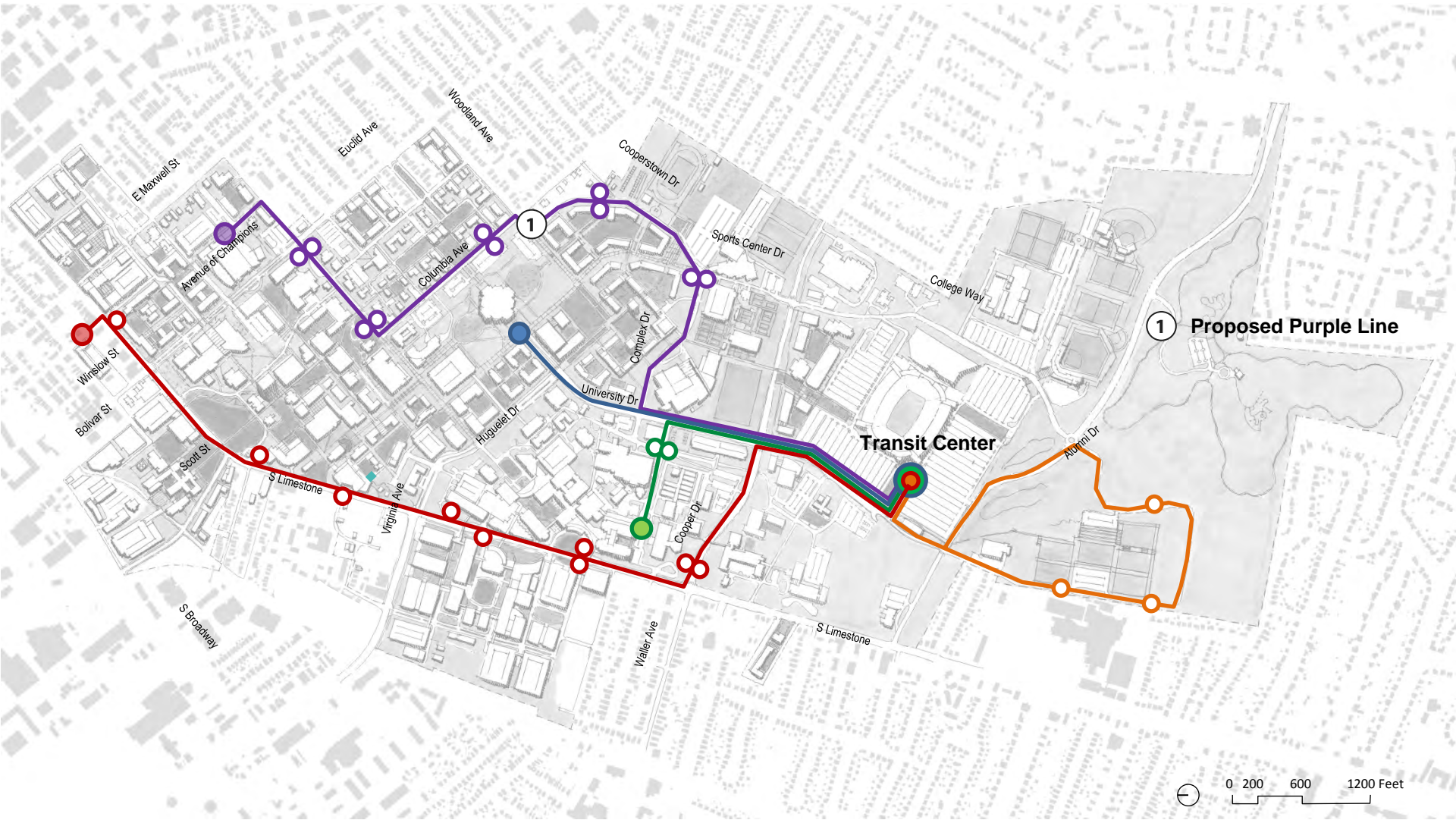
Restricting Traffic on Rose Street



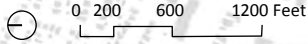
Thach St., Auburn University

Concept 1 Regenerating the Core

Proposed Mobility Framework: Transit

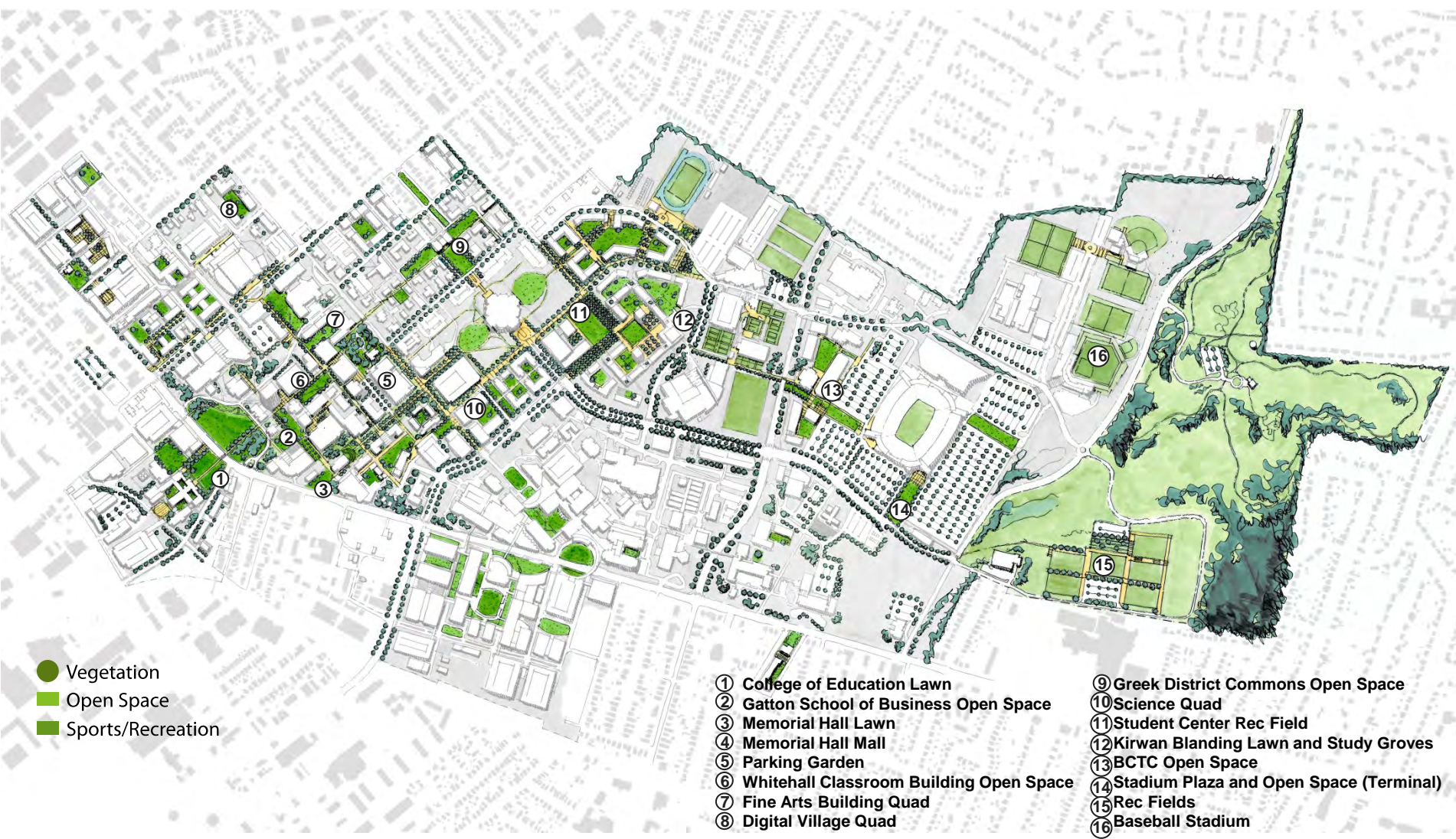


1 Proposed Purple Line



Concept 1 Regenerating the Core

Proposed Landscape Structure Plan



- Vegetation
- Open Space
- Sports/Recreation

- ① College of Education Lawn
- ② Gatton School of Business Open Space
- ③ Memorial Hall Lawn
- ④ Memorial Hall Mall
- ⑤ Parking Garden
- ⑥ Whitehall Classroom Building Open Space
- ⑦ Fine Arts Building Quad
- ⑧ Digital Village Quad
- ⑨ Greek District Commons Open Space
- ⑩ Science Quad
- ⑪ Student Center Rec Field
- ⑫ Kirwan Blanding Lawn and Study Groves
- ⑬ BCTC Open Space
- ⑭ Stadium Plaza and Open Space (Terminal)
- ⑮ Rec Fields
- ⑯ Baseball Stadium

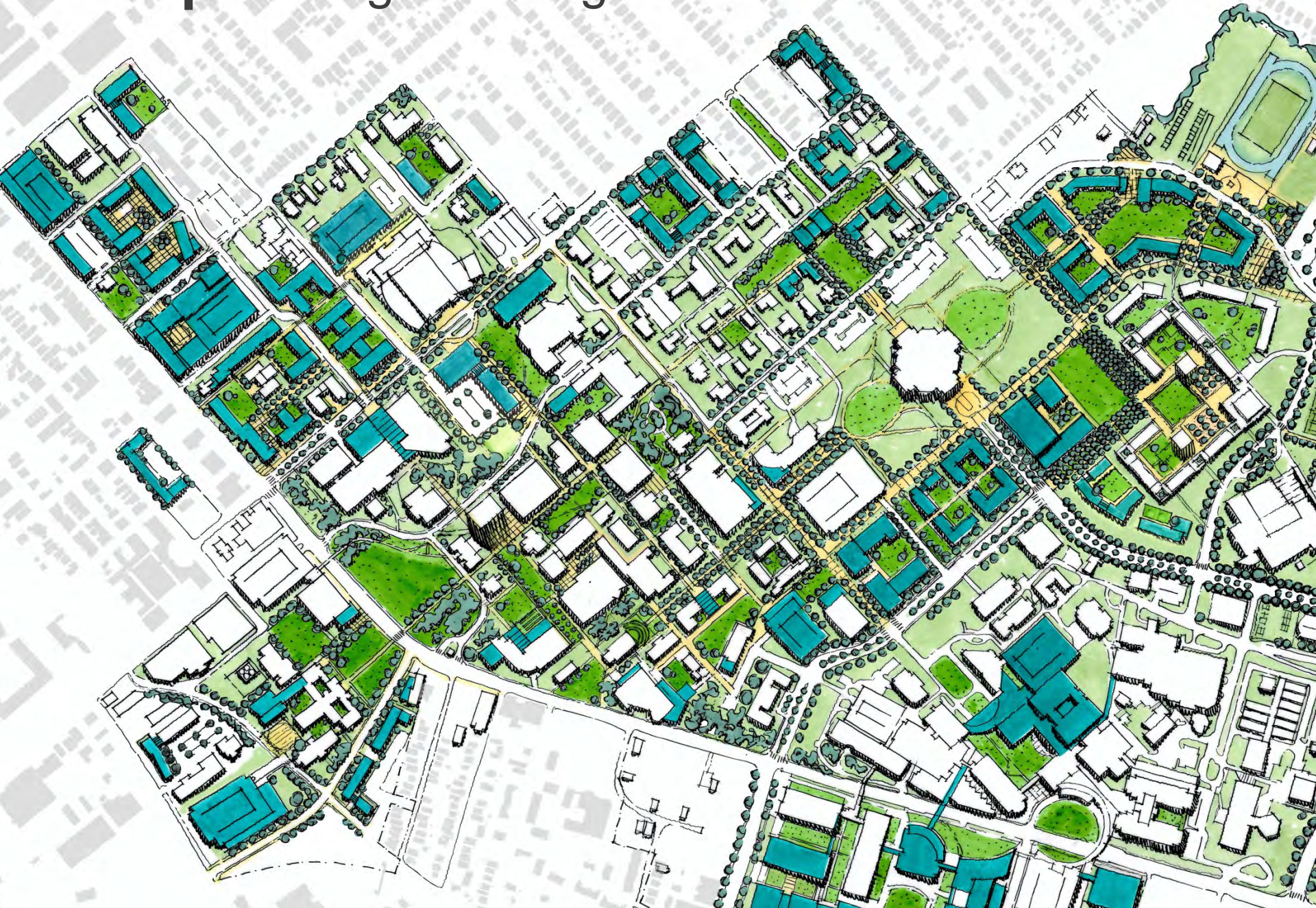
Urban Landscape

Pocket Parks | Great Lawns | Quads | Courtyards

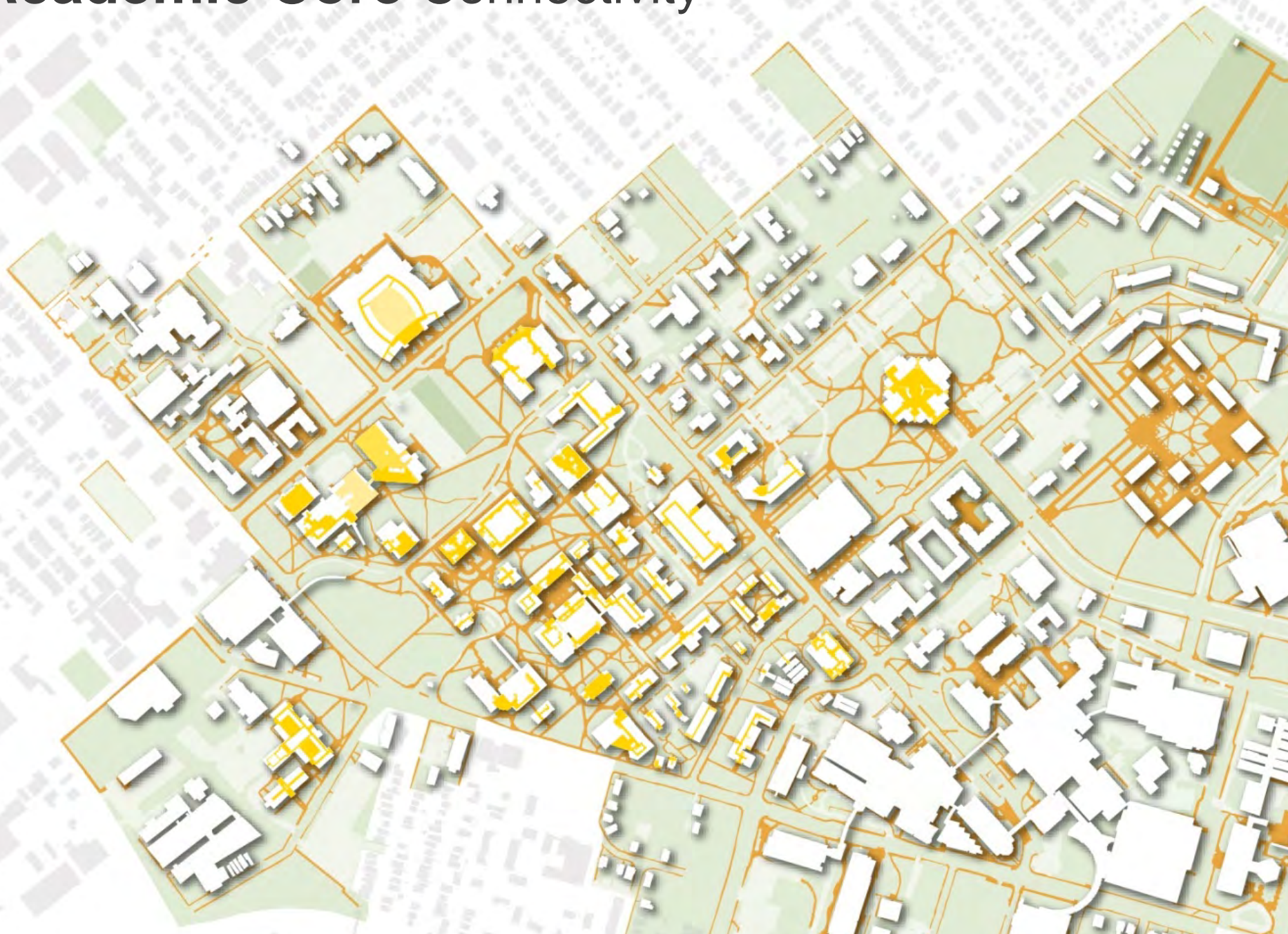
Open Landscape

Sports and Recreation Fields | Arboretum

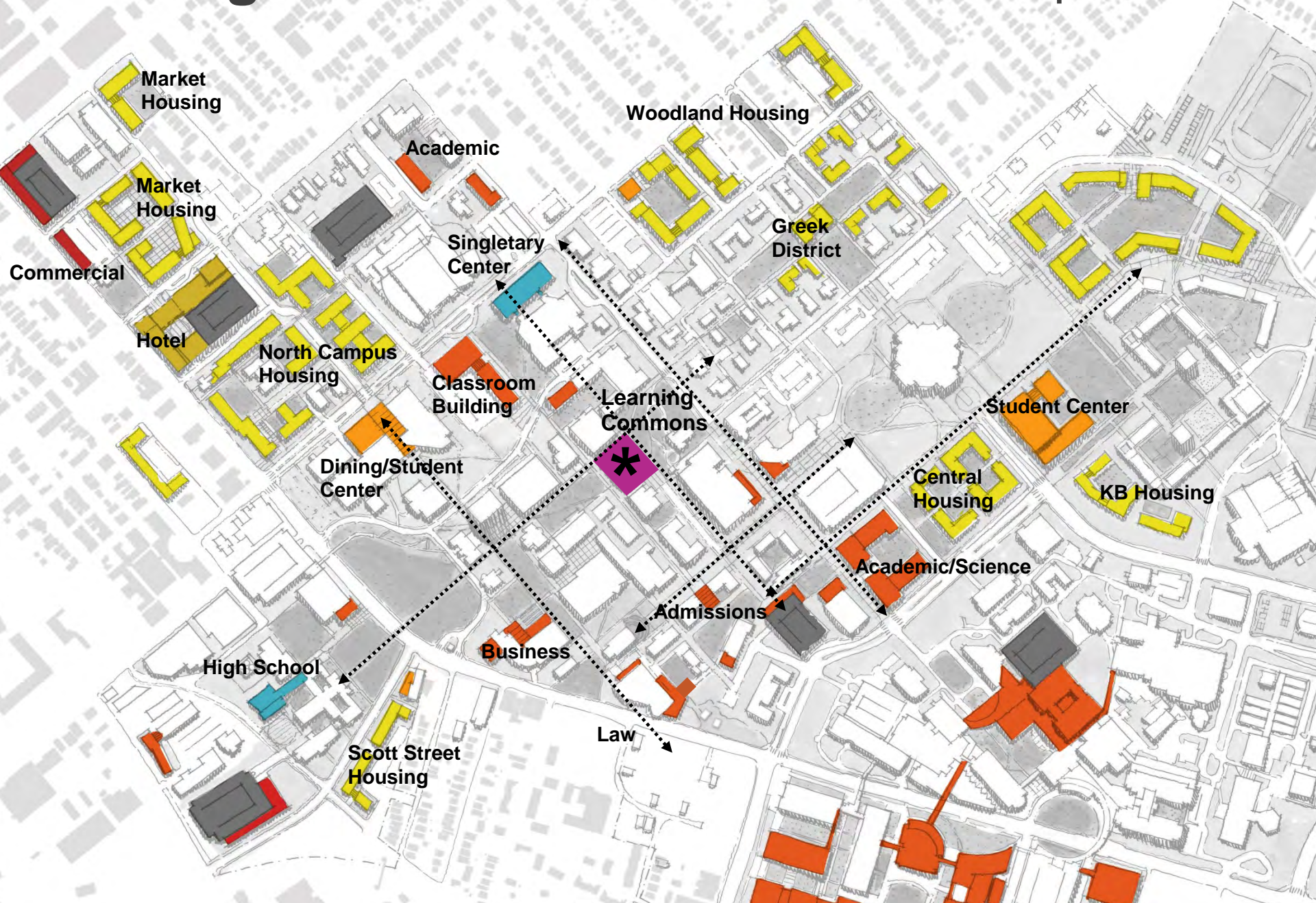
Concept 1 Regenerating the Core



Academic Core Connectivity



Learning and Social Environment Proposed Build



Dining



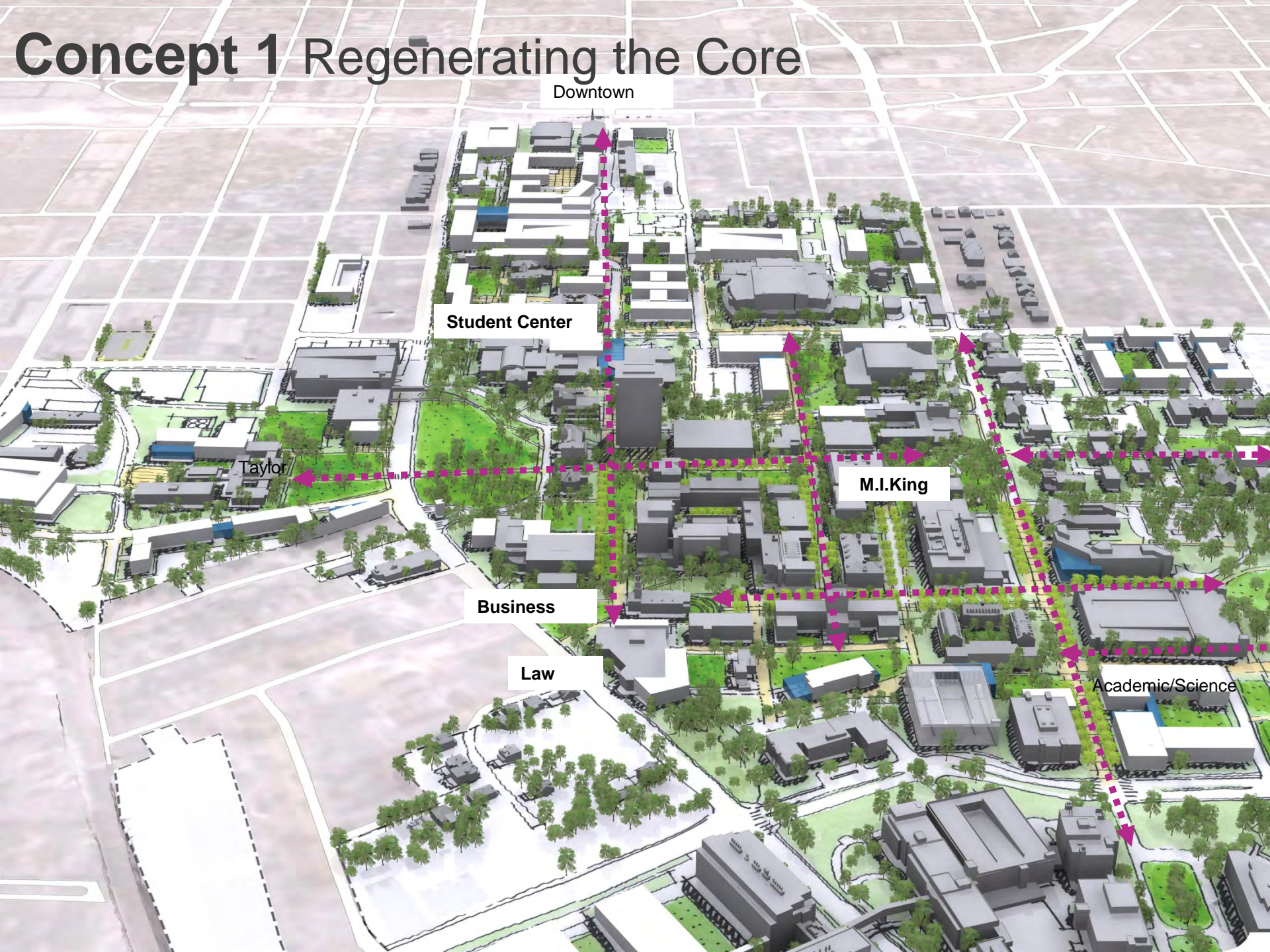
Building Transformation



M. I. King Library



Concept 1 Regenerating the Core



Downtown

Student Center

Taylor

Business

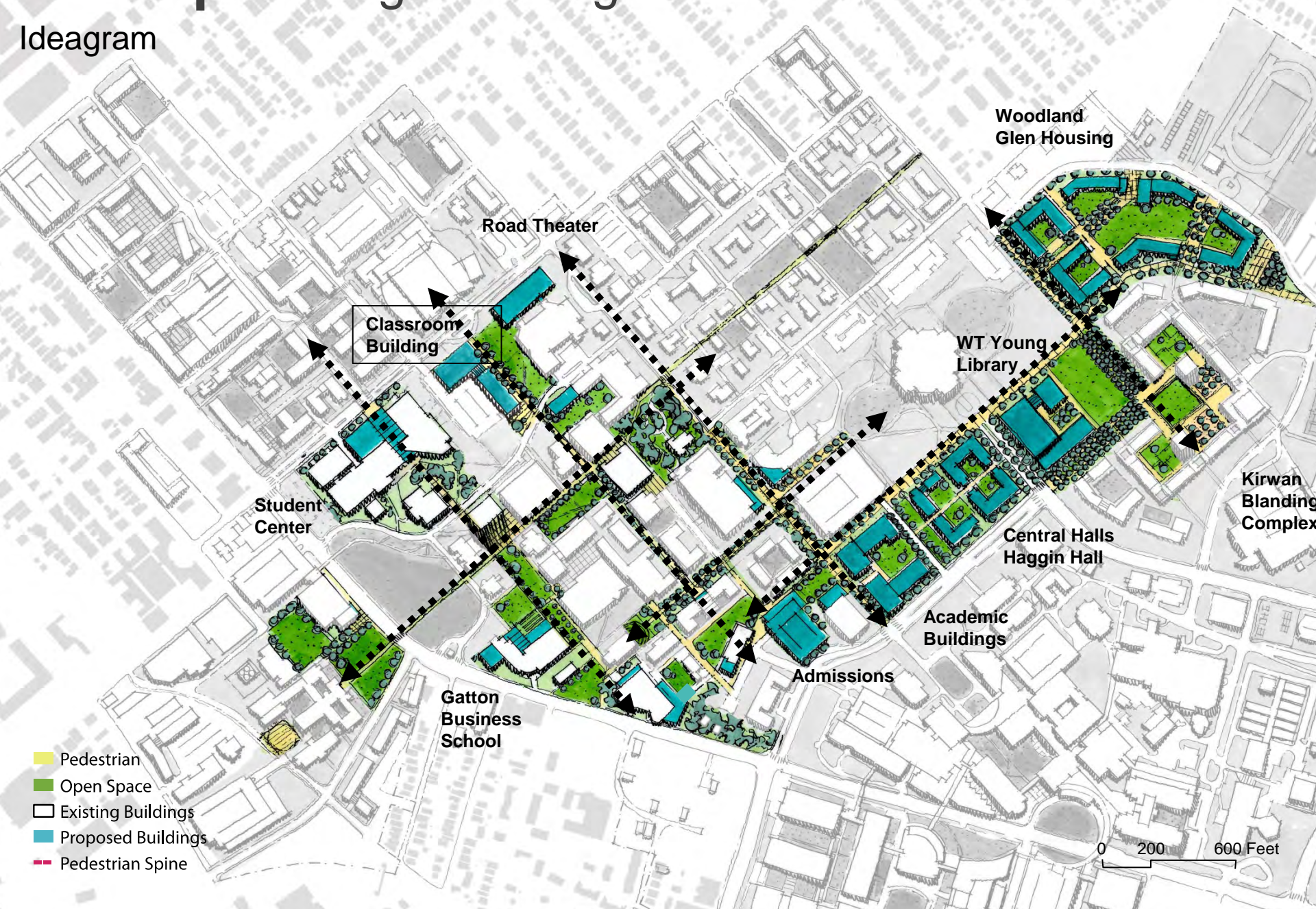
Law

M.I. King

Academic/Science

Concept 1 Regenerating the Core

Ideogram

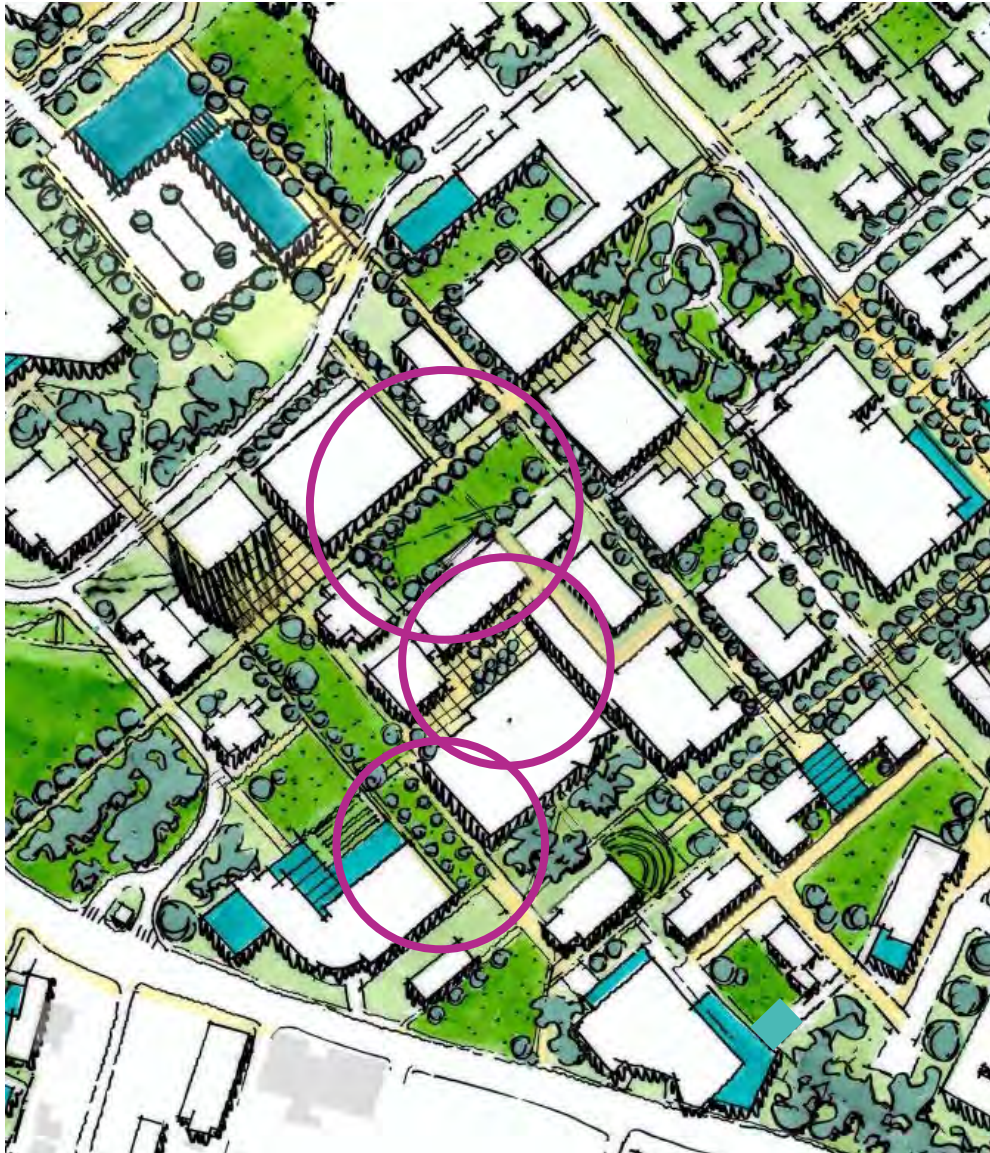


- Yellow square: Pedestrian
- Green square: Open Space
- White square: Existing Buildings
- Blue square: Proposed Buildings
- Dashed black line: Pedestrian Spine

0 200 600 Feet

Concept 1 Regenerating the Core

Central Quad & Engineering Quad



Quads

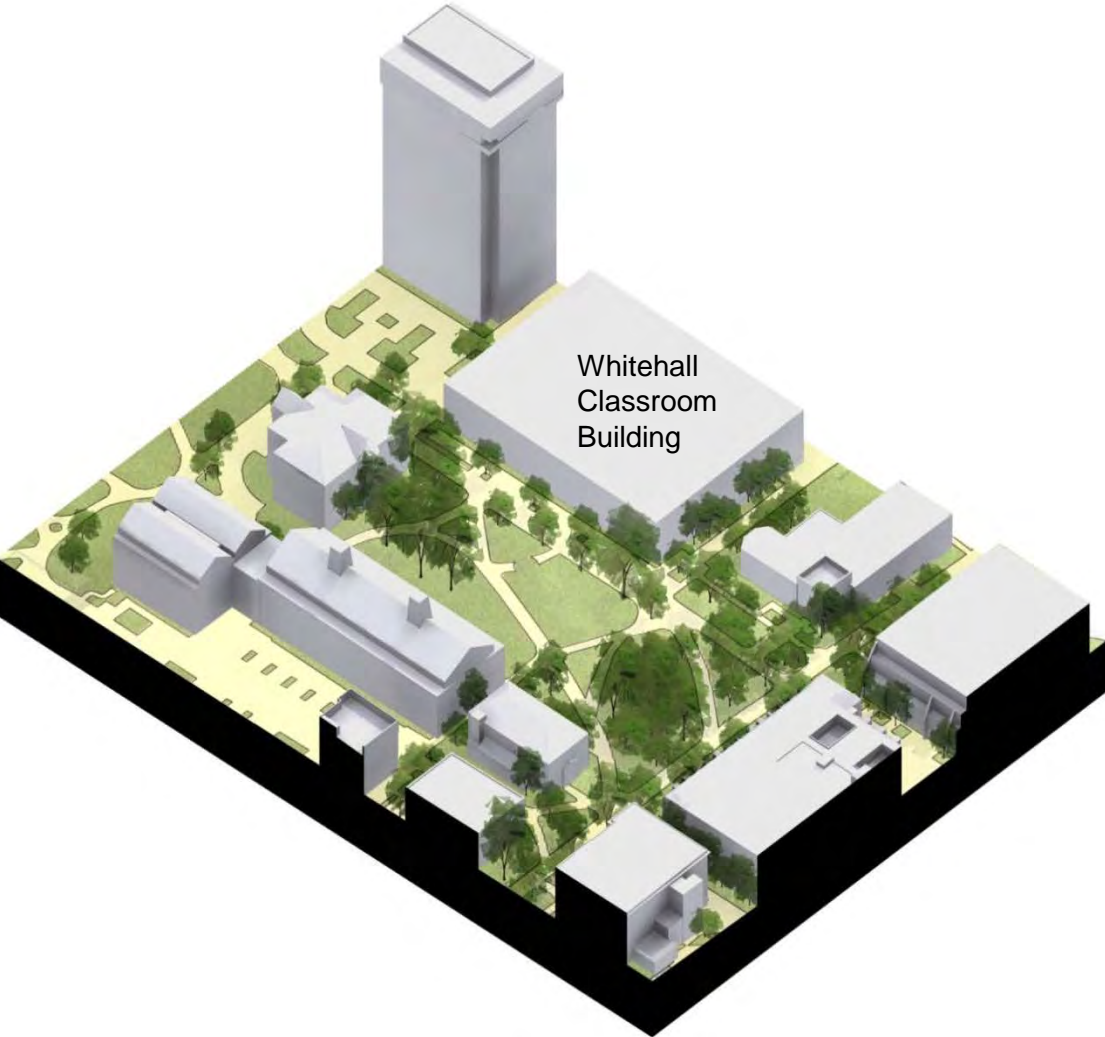


Amphitheater



Pedestrian Connections

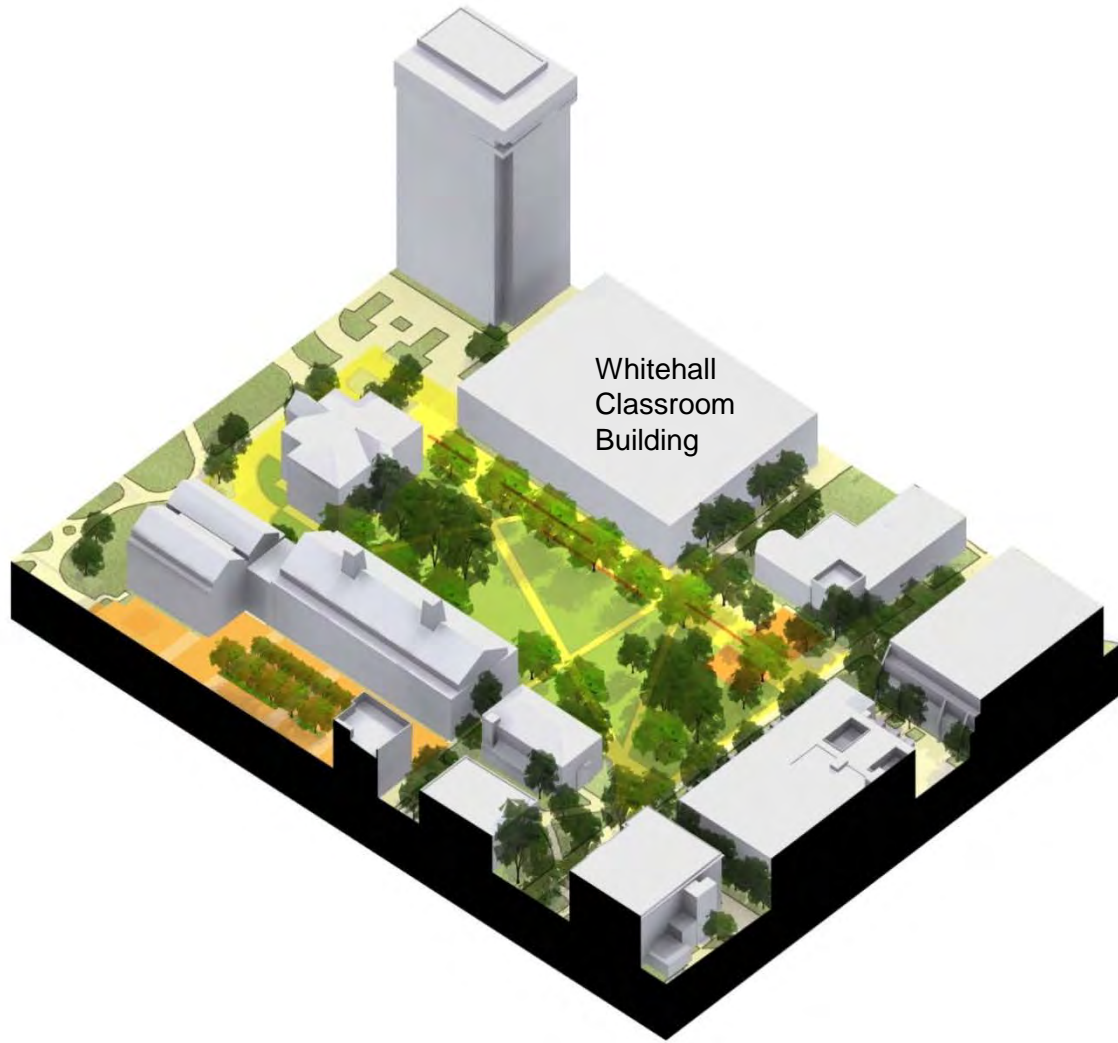
Central Quad – Existing



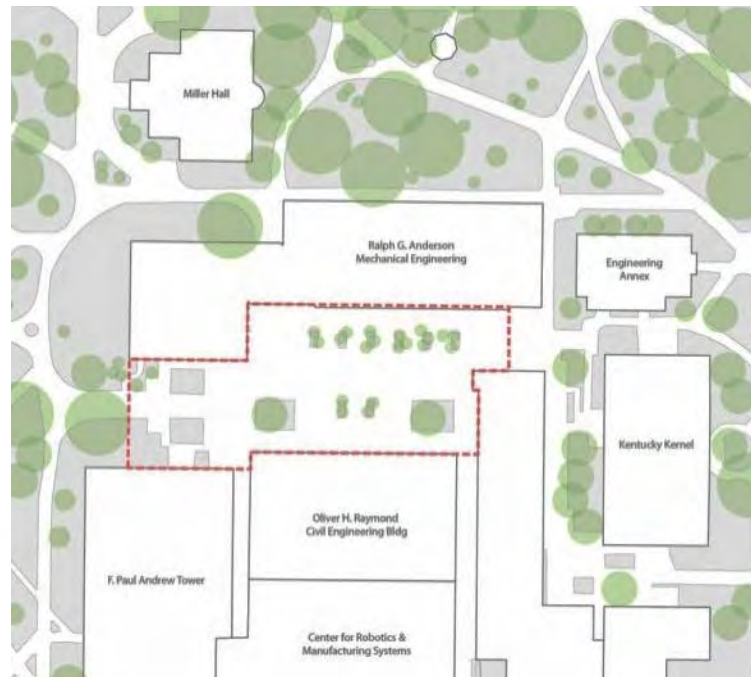
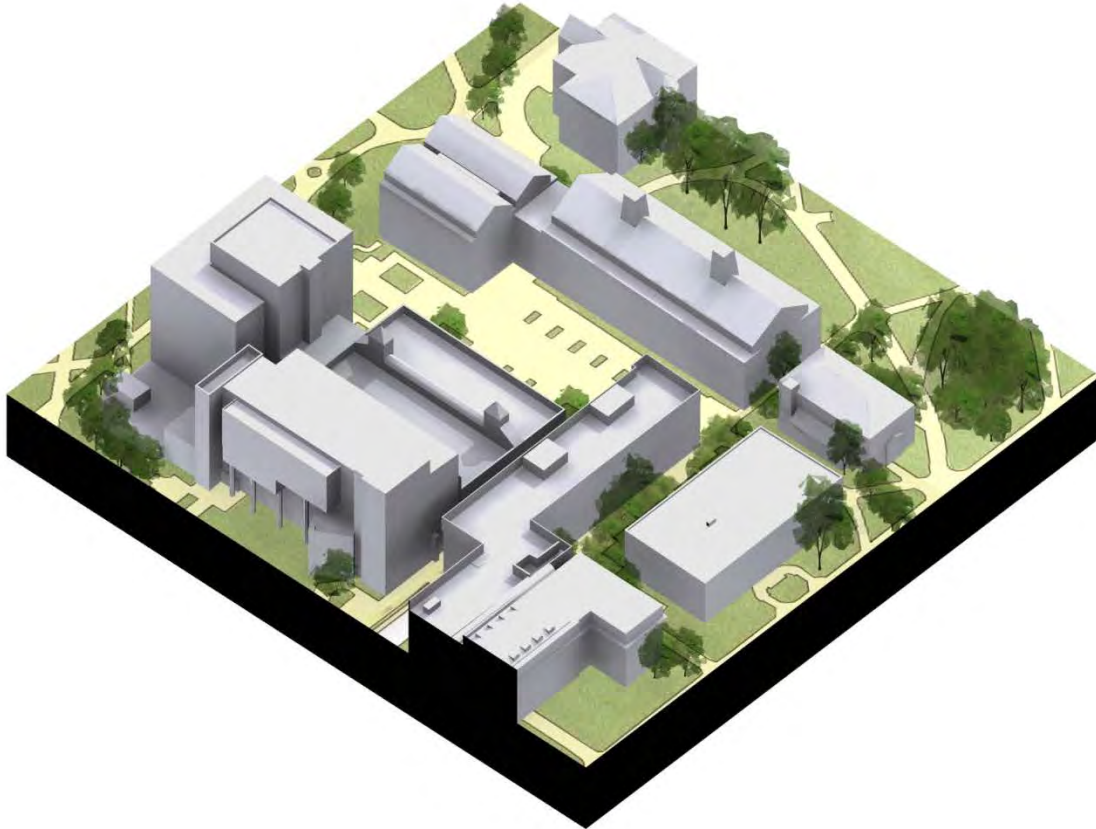
Central Quad Best Practices



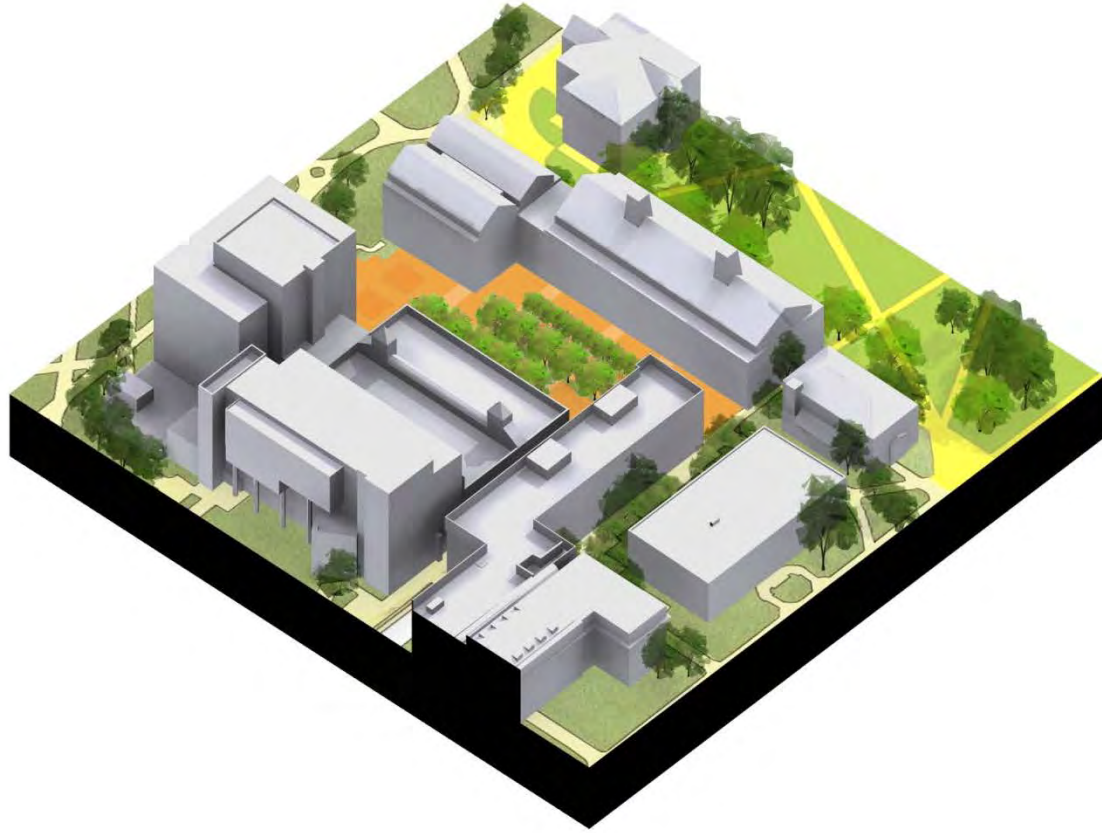
Central Quad Proposed



Engineering Quad Existing



Engineering Quad Proposed

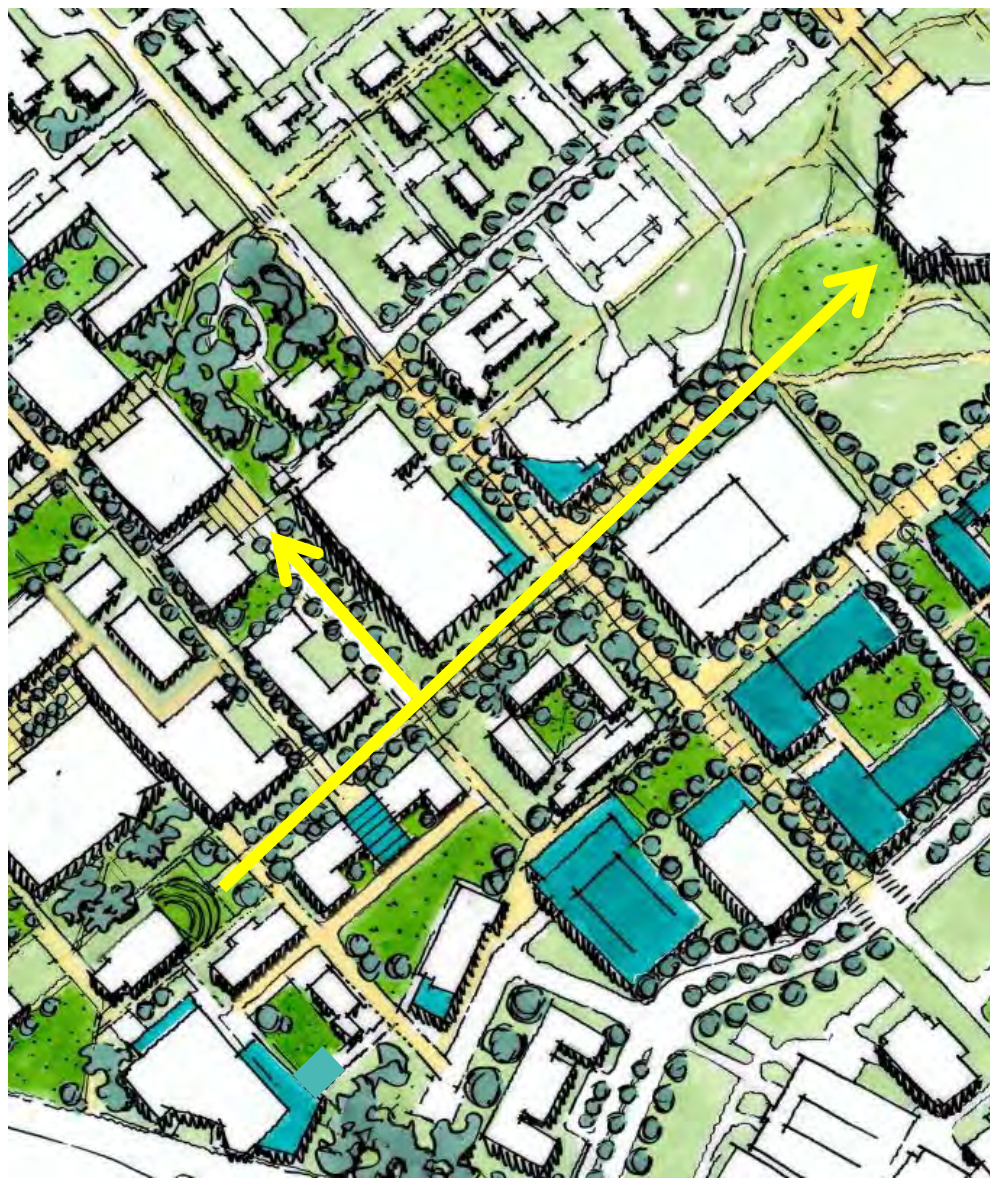


Engineering Quad Outdoor Study



Concept 1 Regenerating the Core

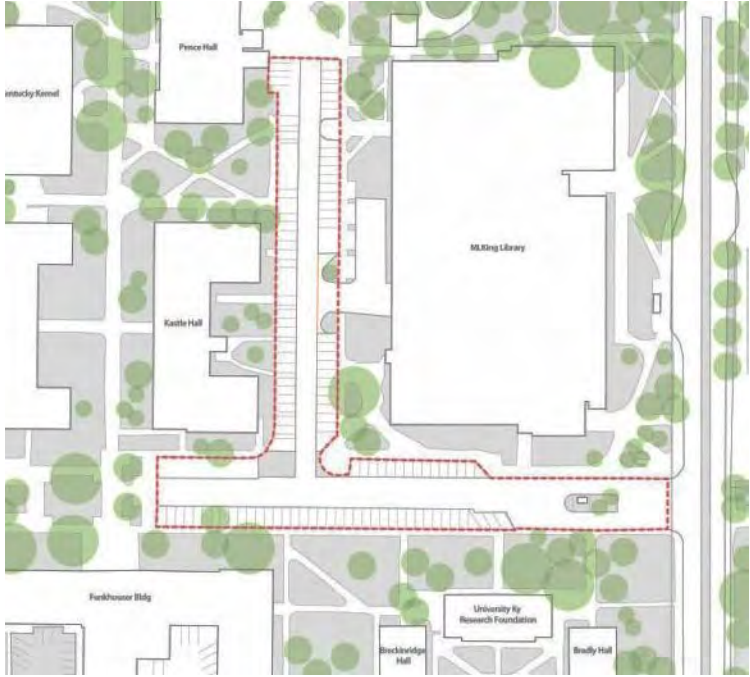
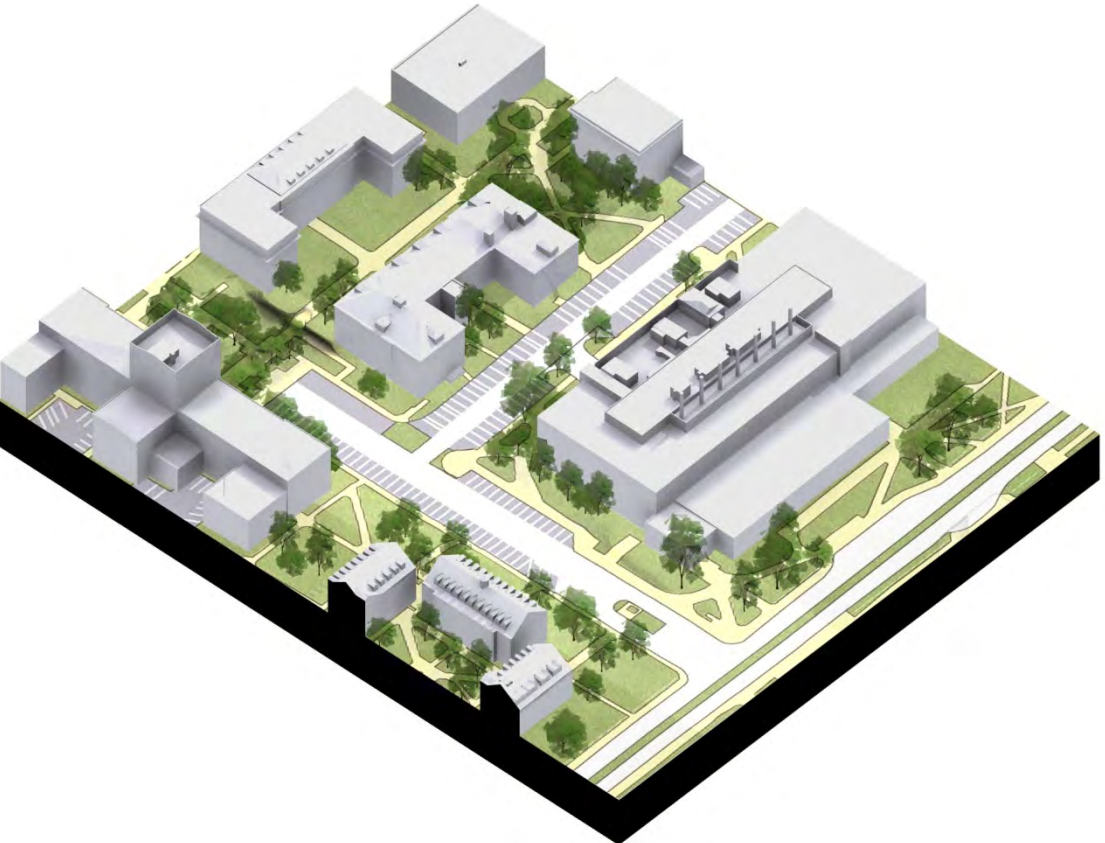
Memorial Mall



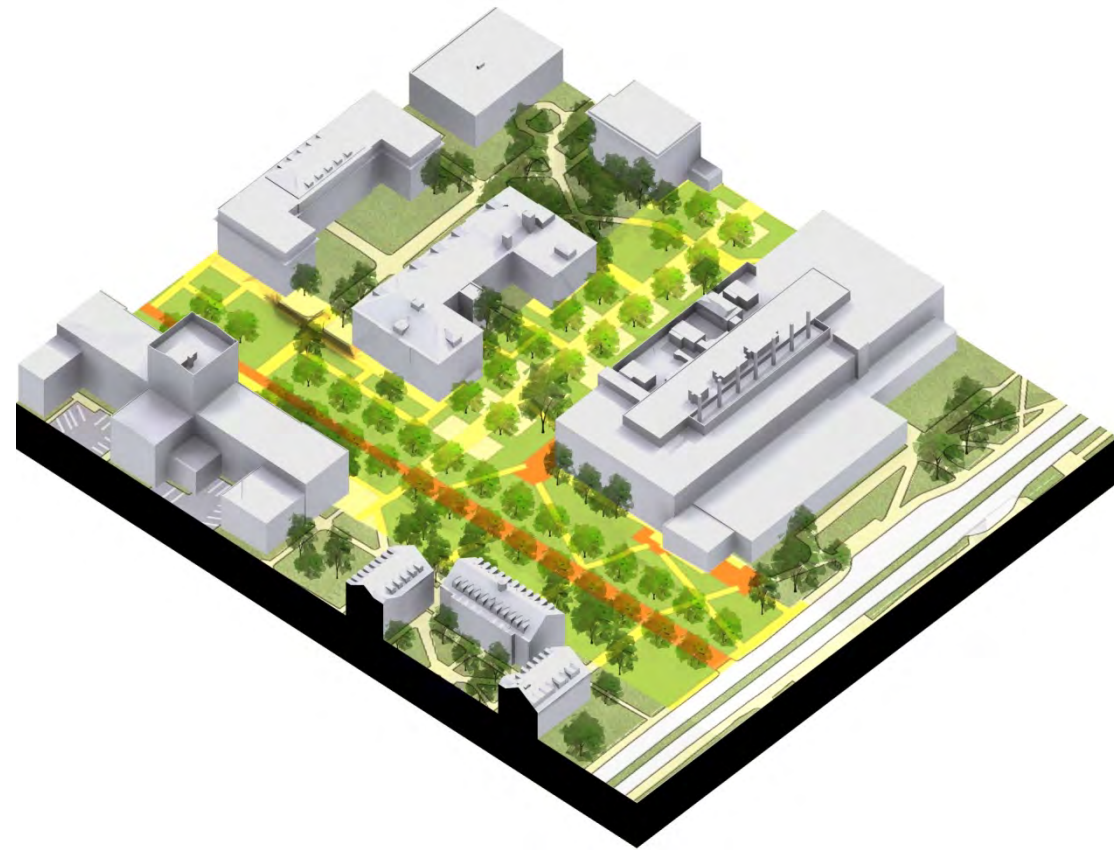
Parking Garden



Memorial Mall Existing



Memorial Mall Proposed



Memorial Mall Proposed



Concept 1 Regenerating the Core

South Student Commons



Student Center



Study Groves

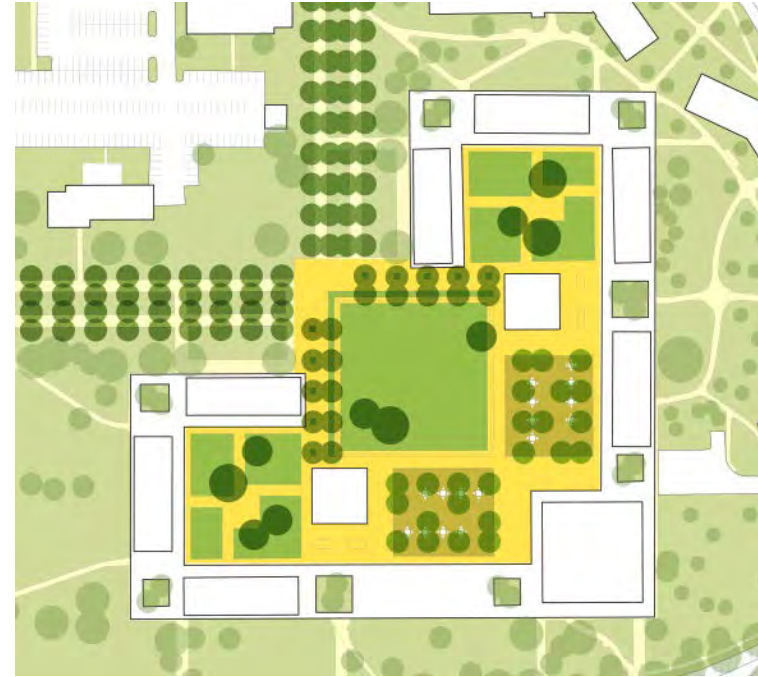
Kirwan Blanding Existing



Kirwan Blanding Best Practices



Kirwan Blanding Proposed

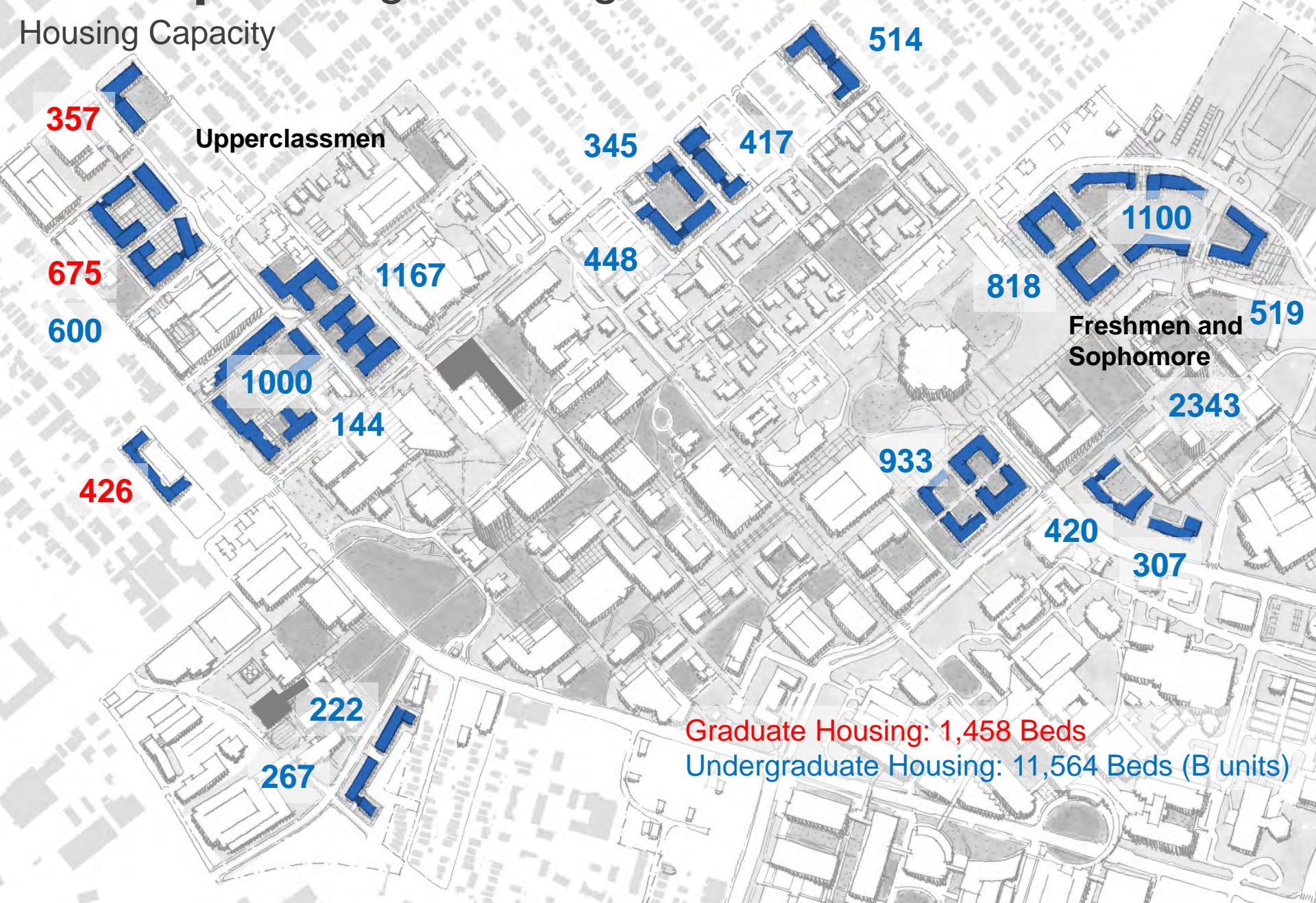


CONCEPT 1

Housing Capacity

Concept 1 Regenerating the Core

Housing Capacity



Graduate Housing: 1,458 Beds
Undergraduate Housing: 11,564 Beds (B units)

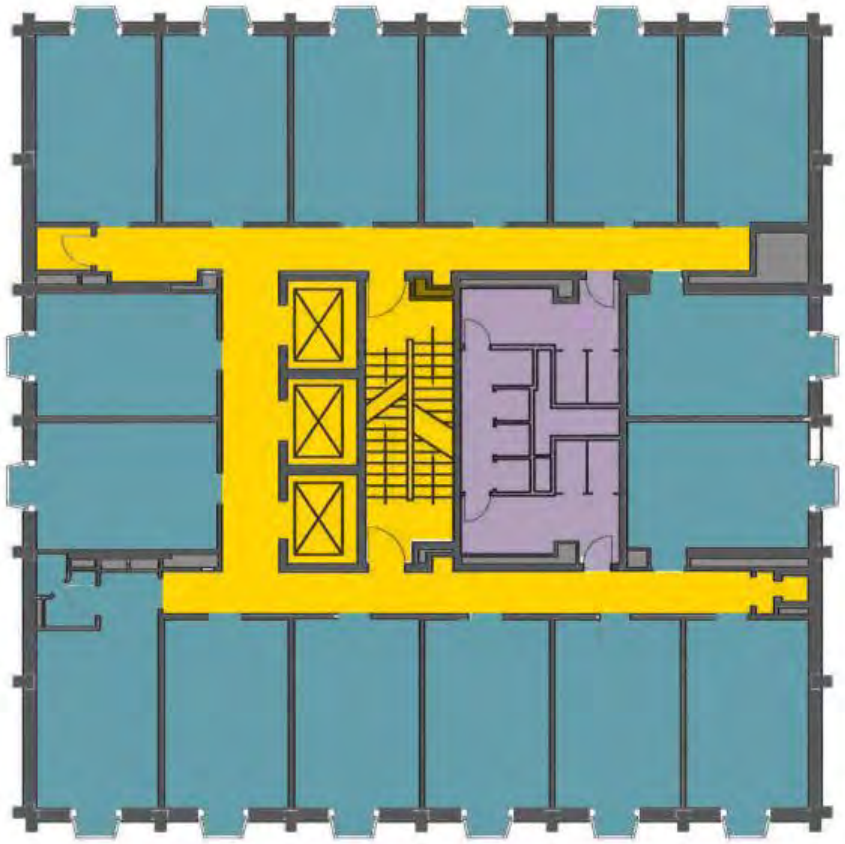
Kirwan Blanding Towers

Concept 1 Regenerating the Core

Existing Floor Plan



-  Beds
-  Circulation
-  Social Space
-  Restrooms
-  Study Rooms



FOURTH FLOOR PLAN



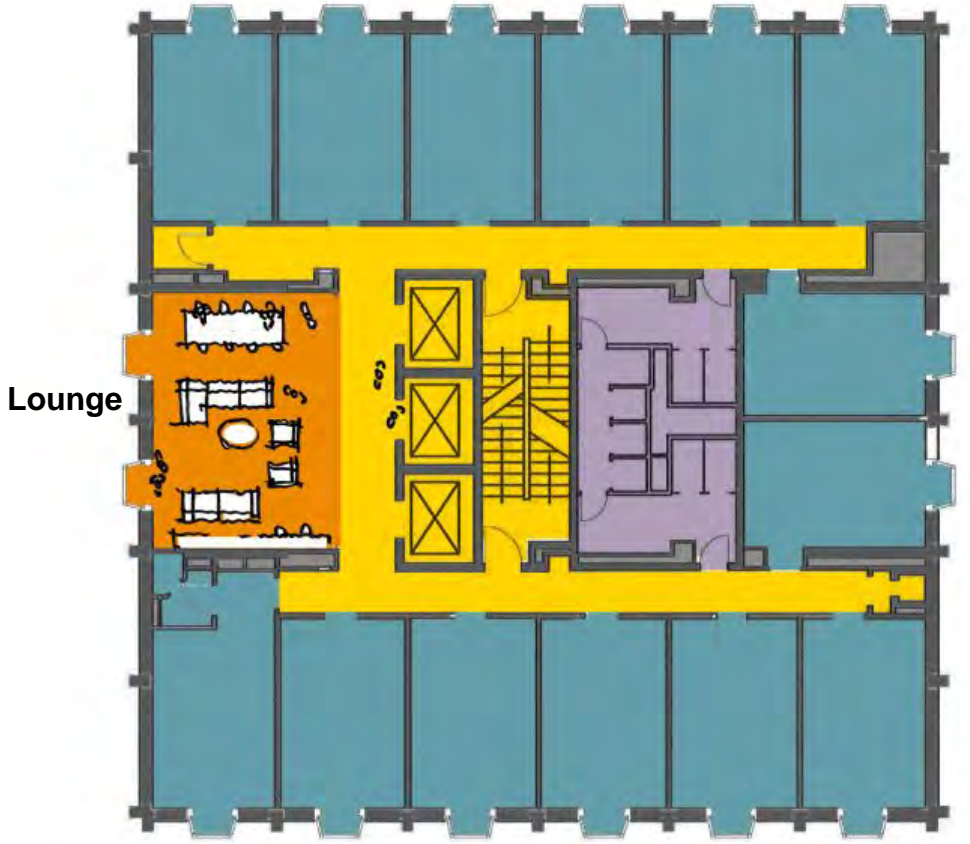
Kirwan Blanding Towers

Concept 1 Regenerating the Core

Proposed Floor Plan A



-  Beds
-  Circulation
-  Social Space
-  Restrooms
-  Study Rooms



FOURTH FLOOR PLAN



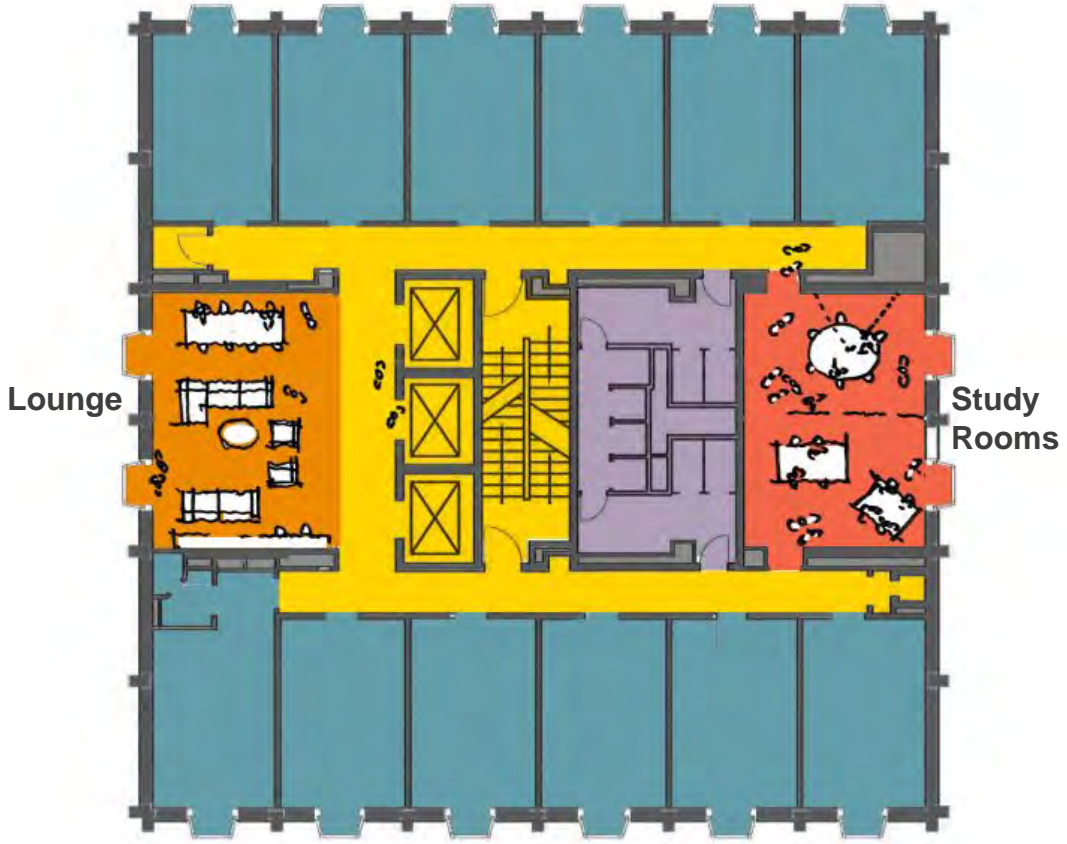
Kirwan Blanding Towers

Concept 1 Regenerating the Core

Proposed Floor Plan B



- Teal square: Beds
- Yellow square: Circulation
- Orange square: Social Space
- Purple square: Restrooms
- Red square: Study Rooms



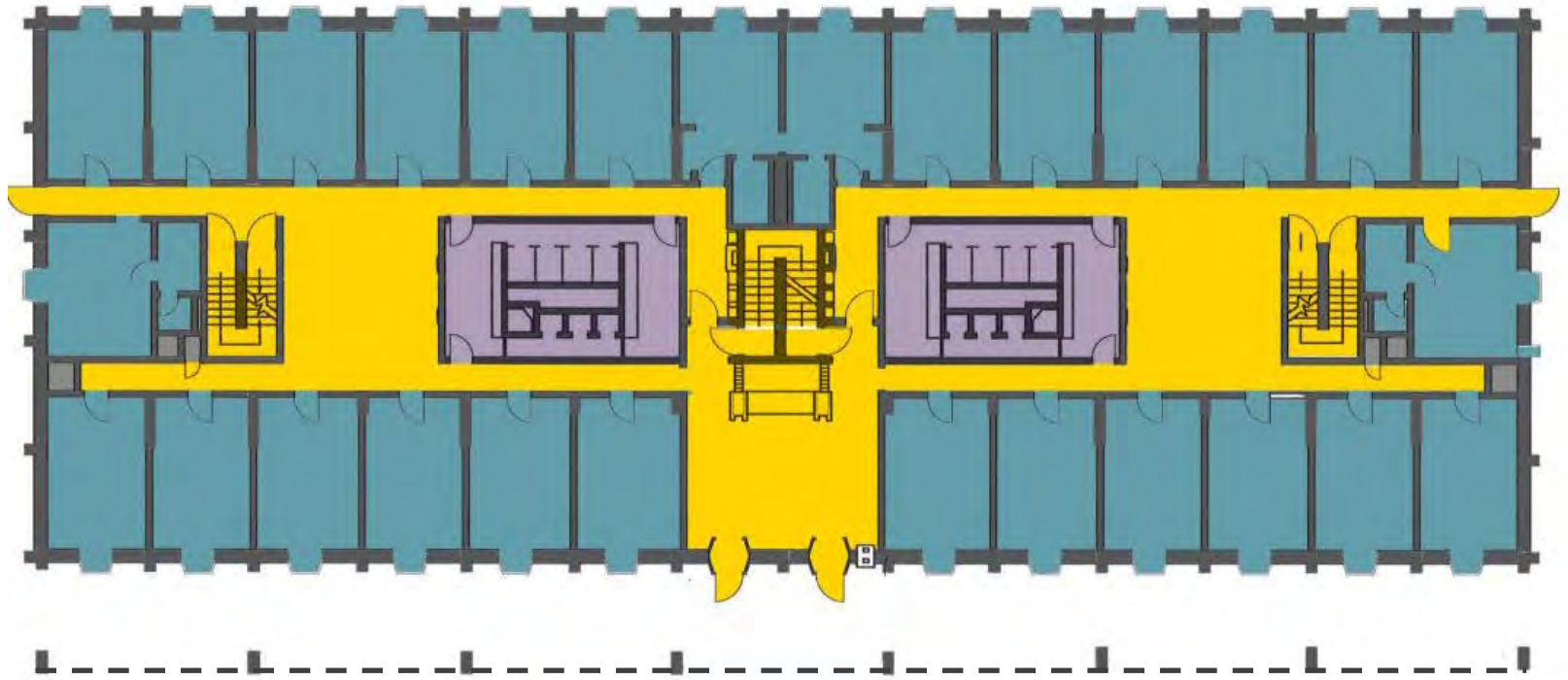
FOURTH FLOOR PLAN








Kirwan Blanding Low-Rise

Concept 1 Regenerating the Core

Existing Floor Plan



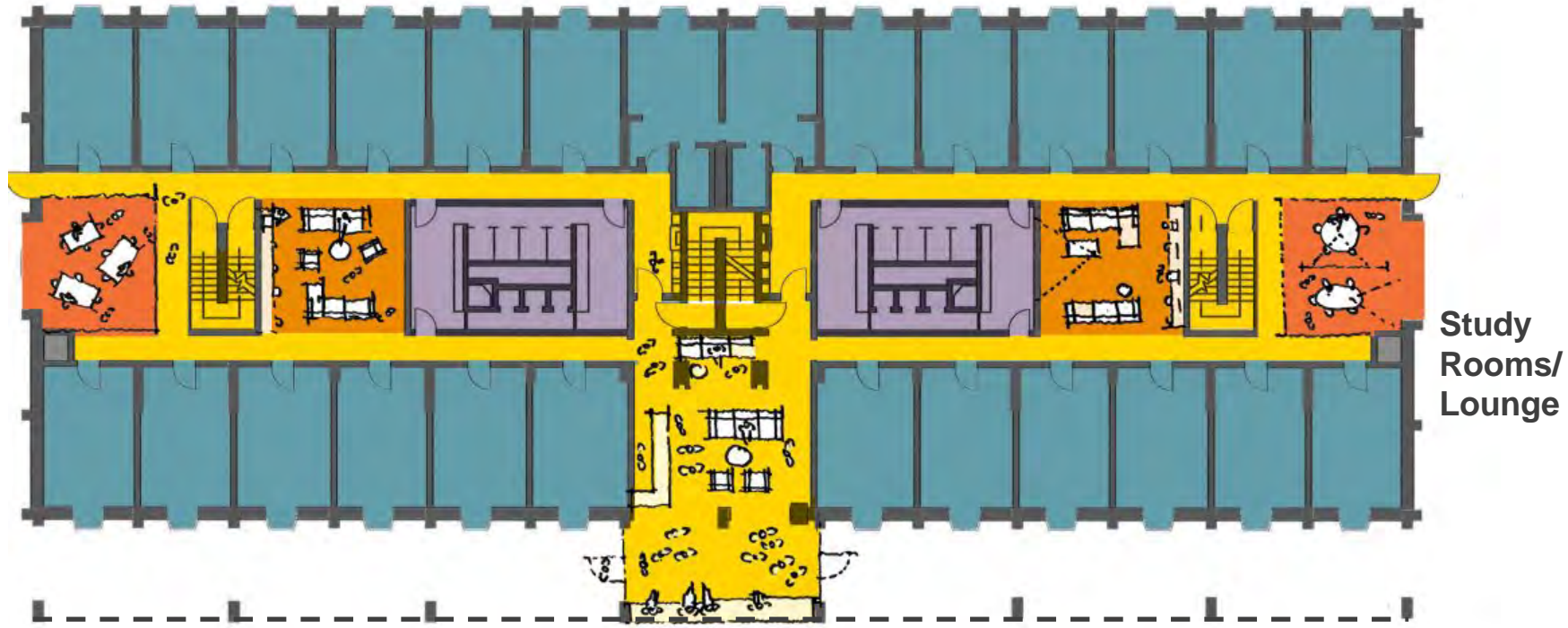
-  Beds
-  Circulation
-  Social Space
-  Restrooms
-  Study Rooms



Kirwan Blanding Low-Rise

Concept 1 Regenerating the Core

Proposed Floor Plan



Lobby

- Teal square: Beds
- Yellow square: Circulation
- Orange square: Social Space
- Purple square: Restrooms
- Red square: Study Rooms



CONCEPT 2

Targeted Redevelopment

Concept 2 Targeted Redevelopment

Illustrative Plan



Concept 2 Targeted Redevelopment

Proposed Buildings



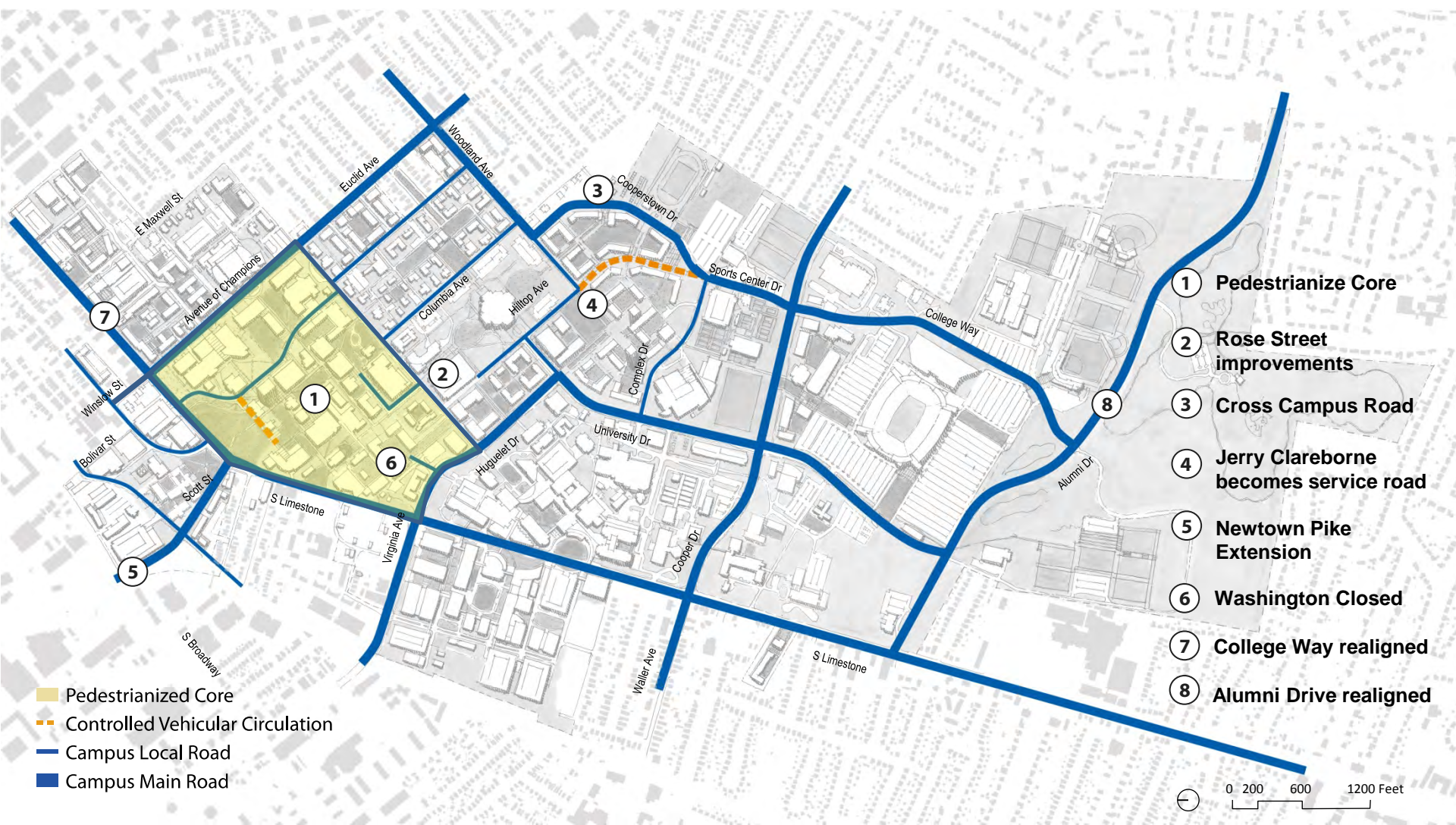
Concept 2 Targeted Redevelopment

Proposed Land Use



Concept 2 Targeted Redevelopment

Proposed Mobility Framework: Vehicular Circulation



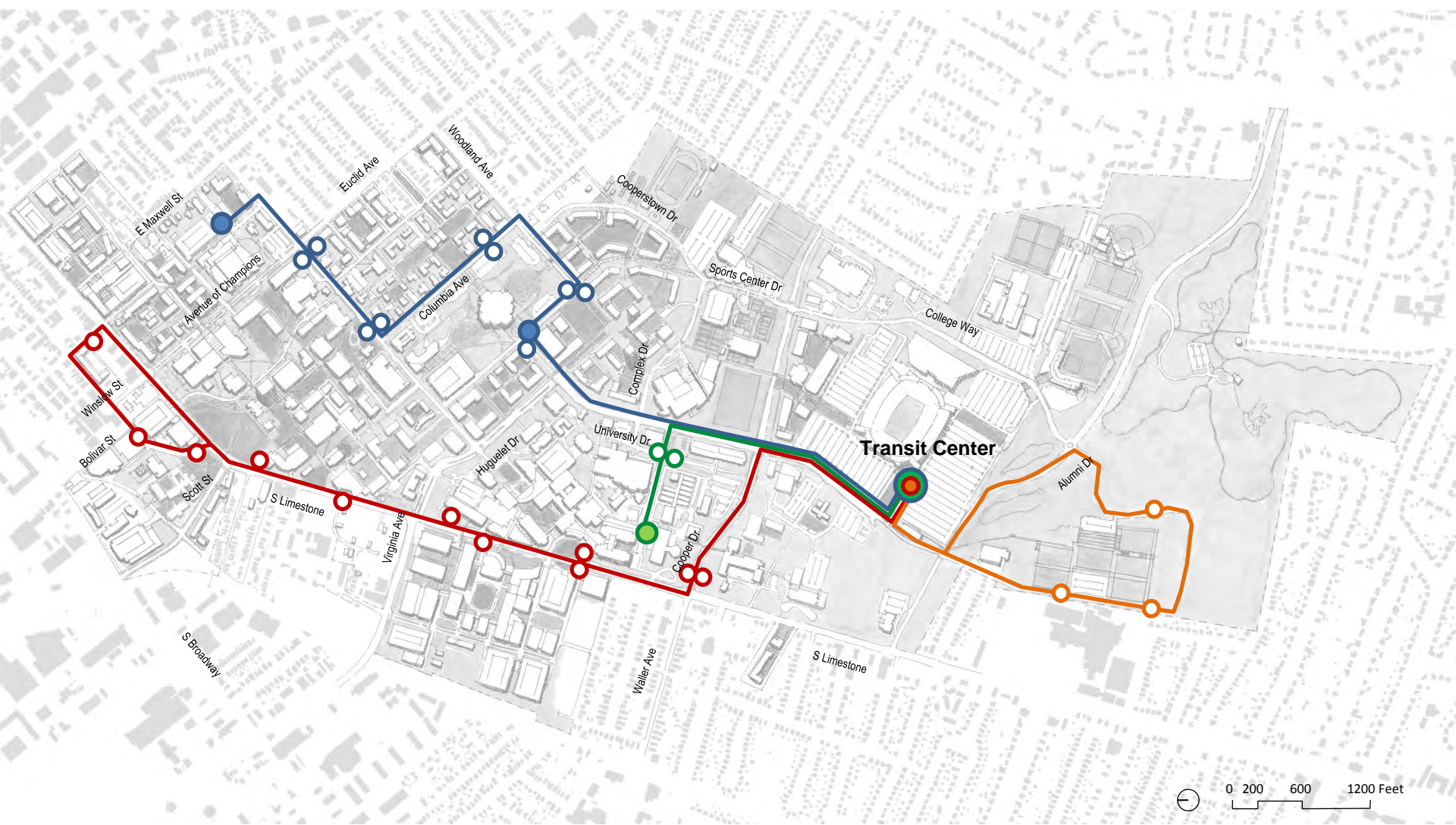
Calming Traffic on Rose Street



Spring Garden St., UNC Greensboro

Concept 2 Targeted Redevelopment

Proposed Mobility Framework: Transit



Concept 2 Targeted Redevelopment

Proposed Landscape Structure Plan



- Vegetation
- Open Space
- Sports/Recreation

- ① Classroom Building Open Space
- ② Gatton School of Business Open Space
- ③ Memorial Hall Lawn
- ④ Memorial Hall Mall
- ⑤ Parking Garden
- ⑥ Whitehall Classroom Building Open Space
- ⑦ Fine Arts Building Quad
- ⑧ Digital Village Quad
- ⑨ Greek District Commons Open Space
- ⑩ Science Quad
- ⑪ Student Center Rec Field
- ⑫ Kirwan Blanding Lawn and Study Groves
- ⑬ BCTC Open Space
- ⑭ Stadium Plaza and Open Space (Terminal)
- ⑮ Rec Fields
- ⑯ Baseball Stadium

Urban Landscape

Open Landscape

Pocket Parks | Great Lawns | Quads | Courtyards

Sports and Recreation Fields | Arboretum

Concept 2 Targeted Redevelopment



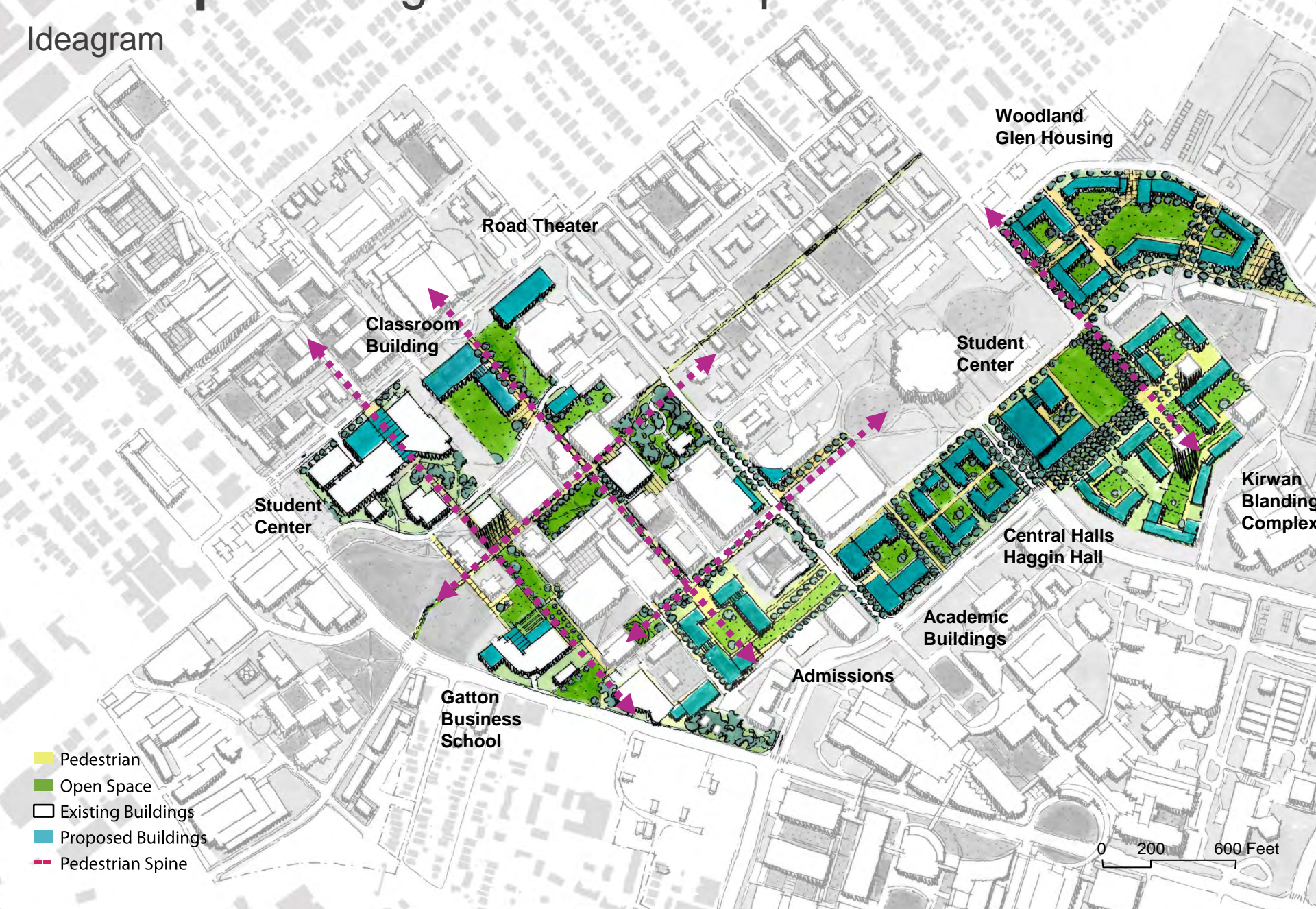
Concept 2 Targeted Redevelopment

Illustrative: Core Campus



Concept 2 Targeted Redevelopment

Ideagram



- Yellow line: Pedestrian
- Green area: Open Space
- White outline: Existing Buildings
- Teal outline: Proposed Buildings
- Pink dashed line with arrow: Pedestrian Spine

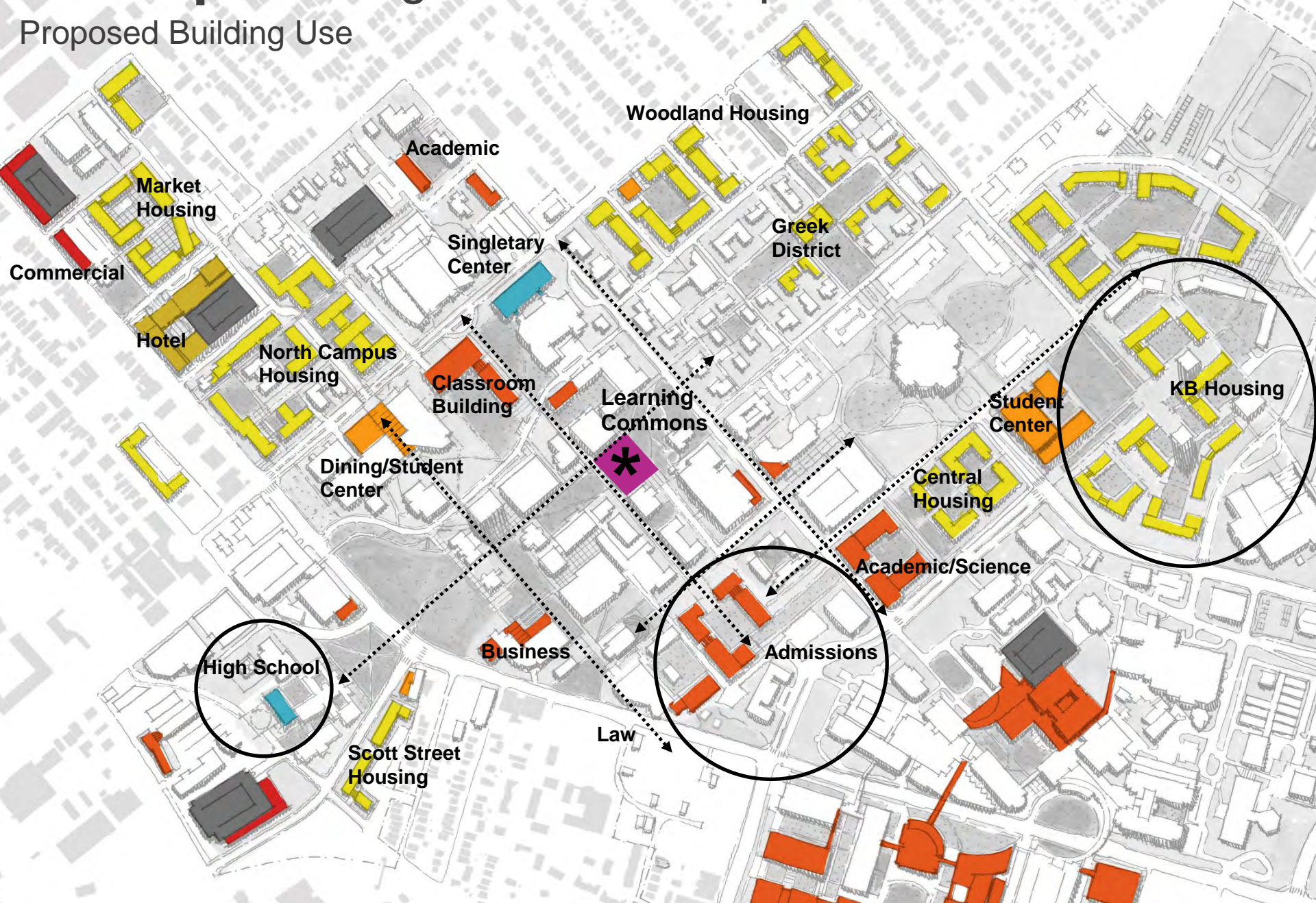
0 200 600 Feet

Connectivity



Concept 2 Targeted Redevelopment

Proposed Building Use



CONCEPT 2

Housing Capacity

Concept 2 Targeted Redevelopment

Capacity

357

Upperclassmen

675

600

1000

144

1167

345

417

448

514

1100

818

519

Towers: 1108

1644

426

933

420

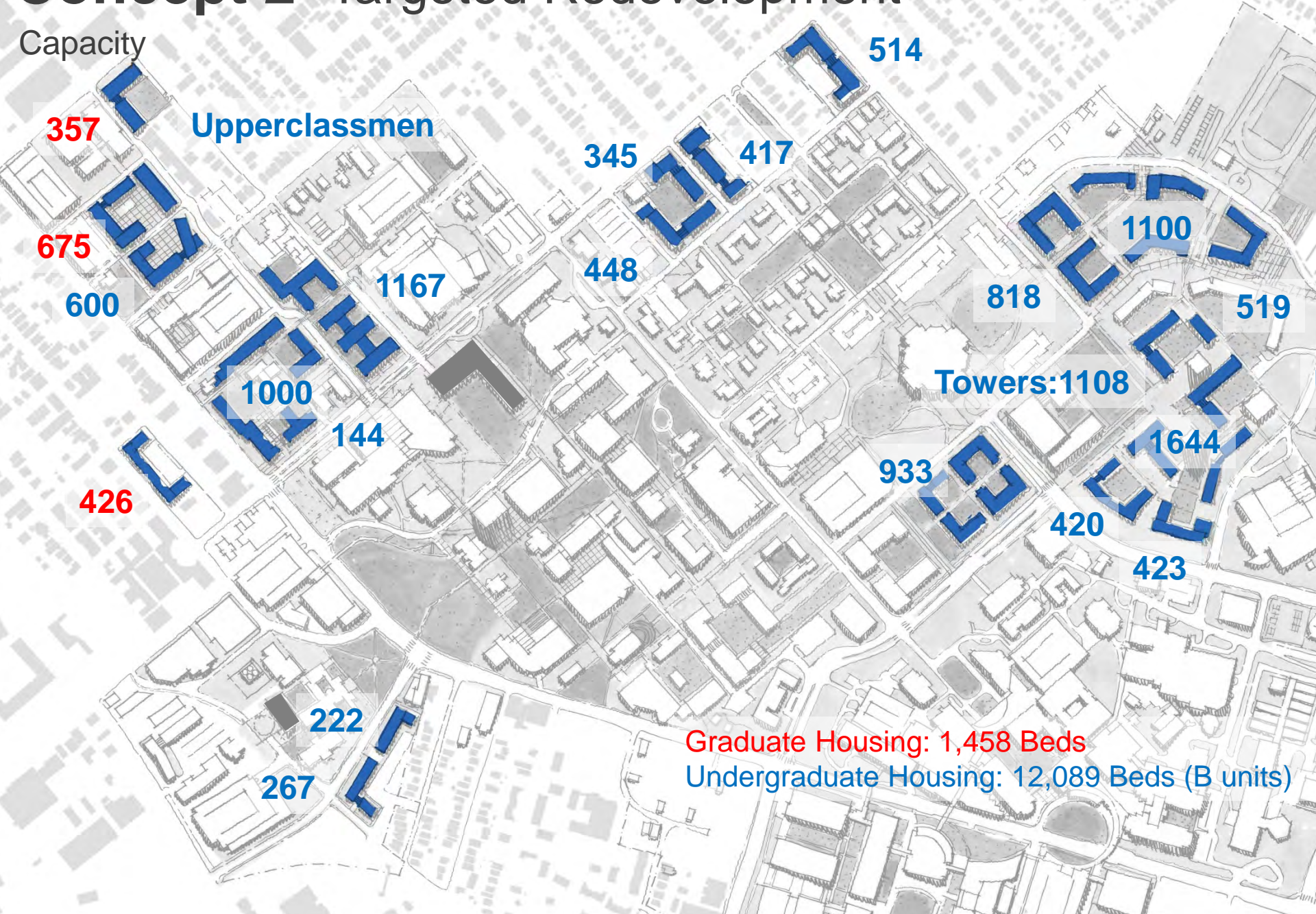
423

222

267

Graduate Housing: 1,458 Beds

Undergraduate Housing: 12,089 Beds (B units)



CONCEPT COMPARISONS

Concept Alternatives Kirwan-Blanding

**Concept 1:
Renovating Kirwan Blanding Complex**



3,070 Beds
Unit B, 224SF per Bed

**Concept 2A:
Keeping the Kirwan Blanding Towers
and Commons**



3,595 Beds
Unit B, 224SF per Bed

**Concept 2B:
Demolishing Kirwan Blanding Complex**

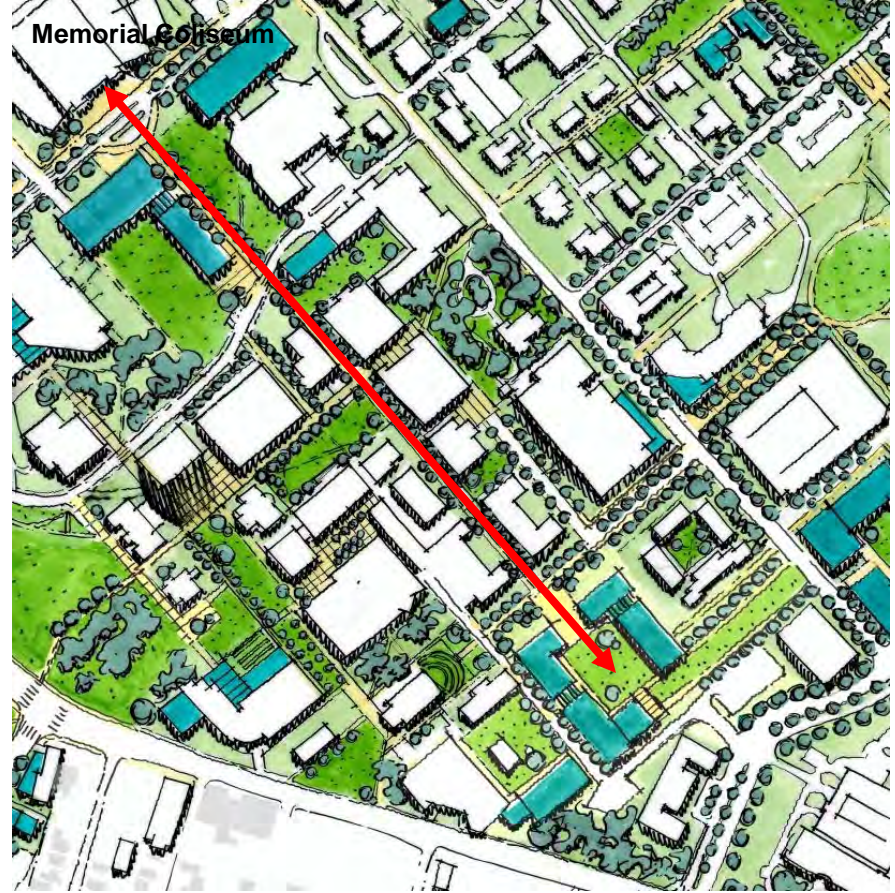
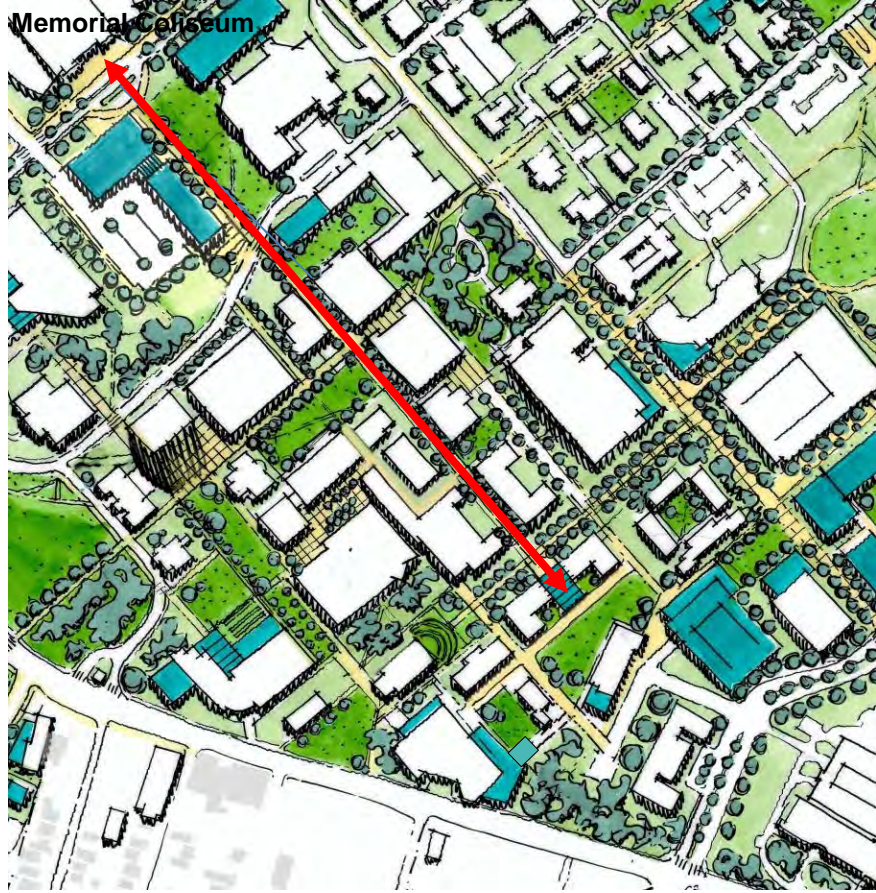


2787 Beds
Unit B, 224SF per Bed

Concept Alternatives Funkhouser / Washington St

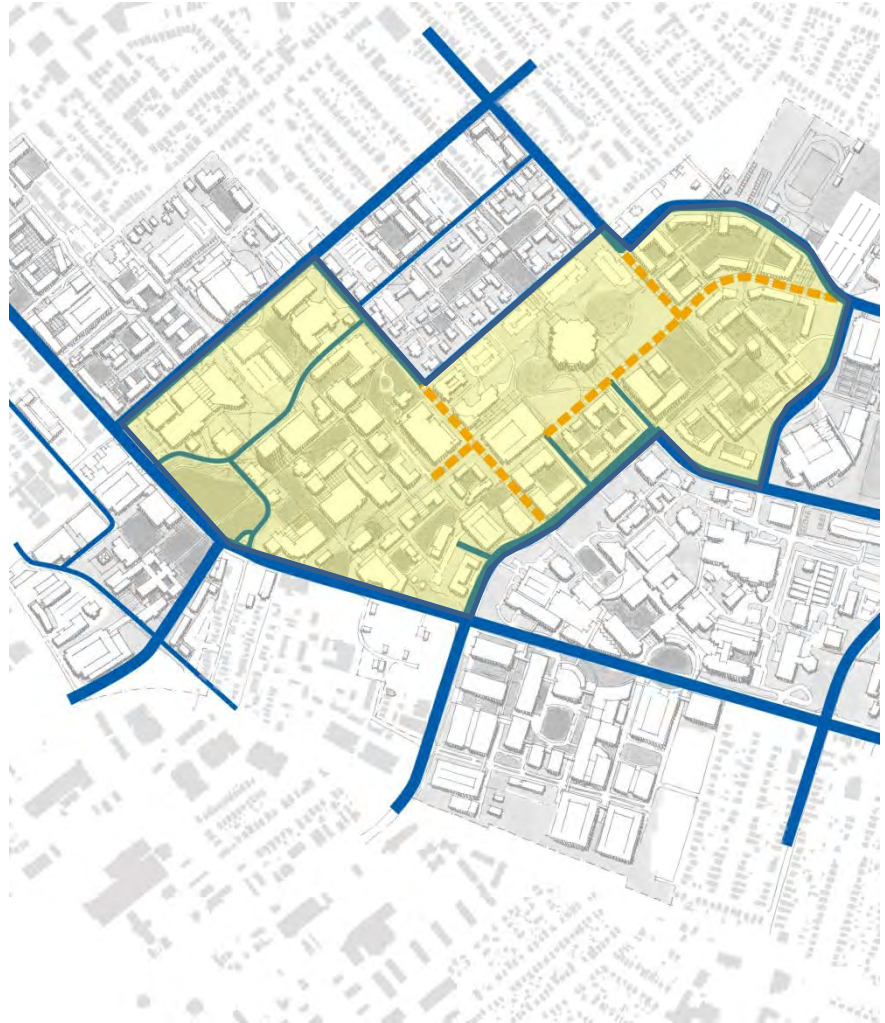
Concept 1:
Renovating Funkhouser and Washington Street area buildings

Concept 2:
Redeveloping Funkhouser and Washington Street buildings

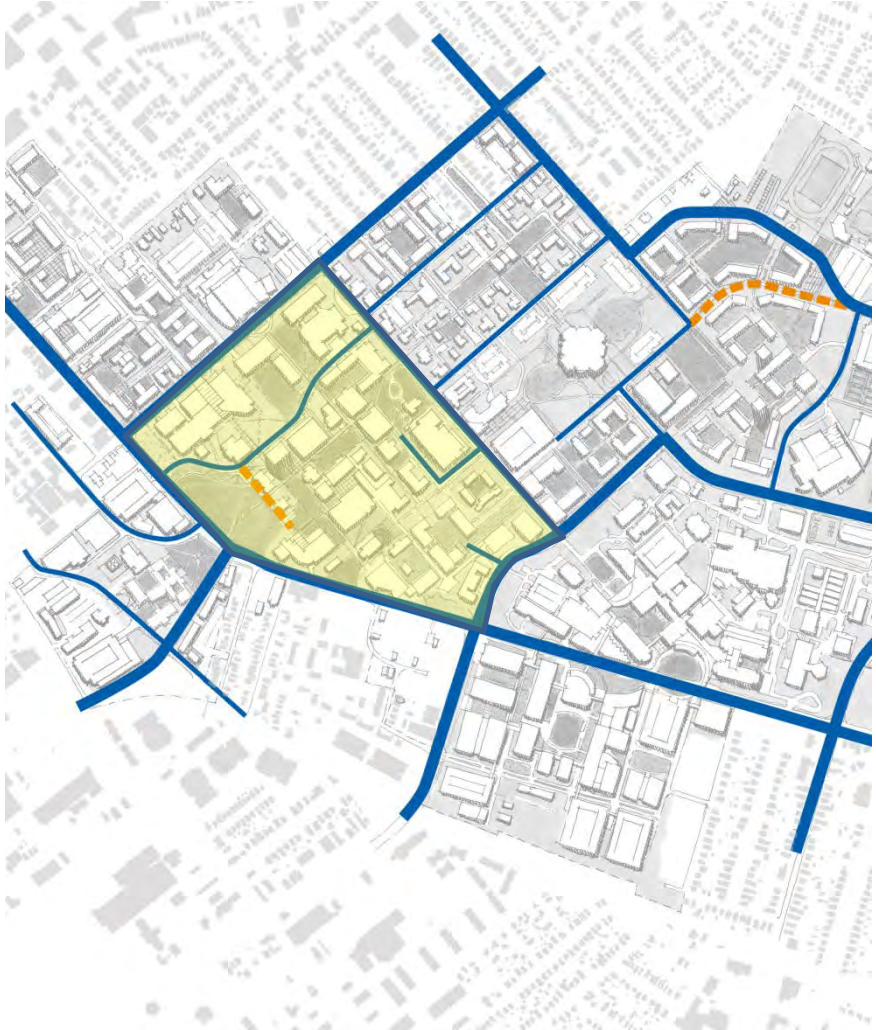


Concept Alternatives Mobility

Concept 1:
Restricting Traffic on Rose Street, Hilltop and Woodland; close Upper Street link



Concept 2:
Introduce traffic calming for Rose; close south section of Administration Dr.



Questions

- What are your thoughts on the ideas for renovation vs. redevelopment?
- Which buildings should be re-purposed?
- Which mobility strategies do you think are most desirable / achievable?
- What are your reactions to the proposed open space concepts?
- Are there major campus improvements that aren't reflected in either master plan concept?