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PLAN BIG: UNL Campus and Landscape Master Plans

Gina Ford

Sasaki Associates' Urban Studio

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Lecture and exhibition scheduled on UNL Master Plan

Released on 01/15/2013, at 2:00 AM

Office of University Communications
University of Nebraska–Lincoln

WHEN: Tuesday, Jan. 22, 2013, through Feb. 1, 2013

WHERE: College of Architecture, 10th and R Streets (reception and exhibition); Ross Media Arts Center, 301 N. 13th Street (lecture)



Lincoln, Neb., January 15th, 2013 — An architect's drawing of early concepts for the UNL City Campus includes ideas to further activate the campus core, with new buildings, uses and landscape ideas, is available for download at the University Communications website. (Courtesy of Sasaki Associates)

The [College of Architecture](#) at the University of Nebraska-Lincoln will host a lecture on the UNL Master Plan by Sasaki Associate's Gina Ford at 5:30 p.m. on Jan. 22 at the Mary Riepma Ross Media Arts Center, 313 N. 13th St.

Ford is a landscape architect, principal and chair of Sasaki Associates' Urban Studio. She will discuss UNL's master plan and landscape master plan process and ideas. The plan is in its final phase of development and will be presented again to campus in late January.

In conjunction with the lecture, the College of Architecture will present a new exhibition, "Making of a Master Plan: Plan Big at UNL," opening with a reception from 6 to 7:30 p.m. on Jan. 22 in the College of Architecture, 10th and R streets.

In this exhibition, visitors will view the design process for UNL's campus and landscape master plans, created by Sasaki Associates, a planning and design firm from Watertown, Mass. The exhibition will document the process of making a master plan, including analysis, concept development, public engagement and final plan resolution. Online public input and open houses have been critical to the process, and the feedback will be showcased. Exhibition highlights

include maps, drawings, renderings and diagrams that describe the university's historic growth patterns, current drivers of growth, and key recommendations to make City and East campuses emblematic of the university's identity and status in the Big Ten Conference.

"This is an opportunity for the university community and the public to learn about the future master plan for their university, and how the ideas were formulated and discussed," said DiAnna Hemsath, exhibition administrator for the College of Architecture.

The lecture and exhibition are free and open to the public. The exhibition runs through Feb. 1 and is open to public viewing Monday-Friday 9 a.m. to 5 p.m.

PLAN BIG

UNL Campus and Landscape Master Plans



PLAN BIG

BIG & GREEN

BIG, BUT WELL-CONNECTED

THINKING BIG

SCHEDULE

Inventory +
Analysis

Concept
Alternatives

Master Plan
Development

JUNE - SEPT

OCT - NOV

JAN - MAR

ON-CAMPUS WORK SESSIONS



**LANDSCAPE WORK
SESSIONS**

PLAN BIG

**“THIS RITUAL IMPOSES A DISCIPLINE TO BREAK FREE
OF THE DEMANDS OF THE MOMENT... AND TO PLAN FOR
THE YEAR TO COME.”**

CHANCELLOR PERLMAN, STATE OF THE UNION

**“IT IS AN OPPORTUNITY TO CONSIDER HOW THIS
UNIVERSITY IS POSITIONED WITHIN THE BROADER
FRAMEWORK OF HIGHER EDUCATION.”**

CHANCELLOR PERLMAN, STATE OF THE UNION



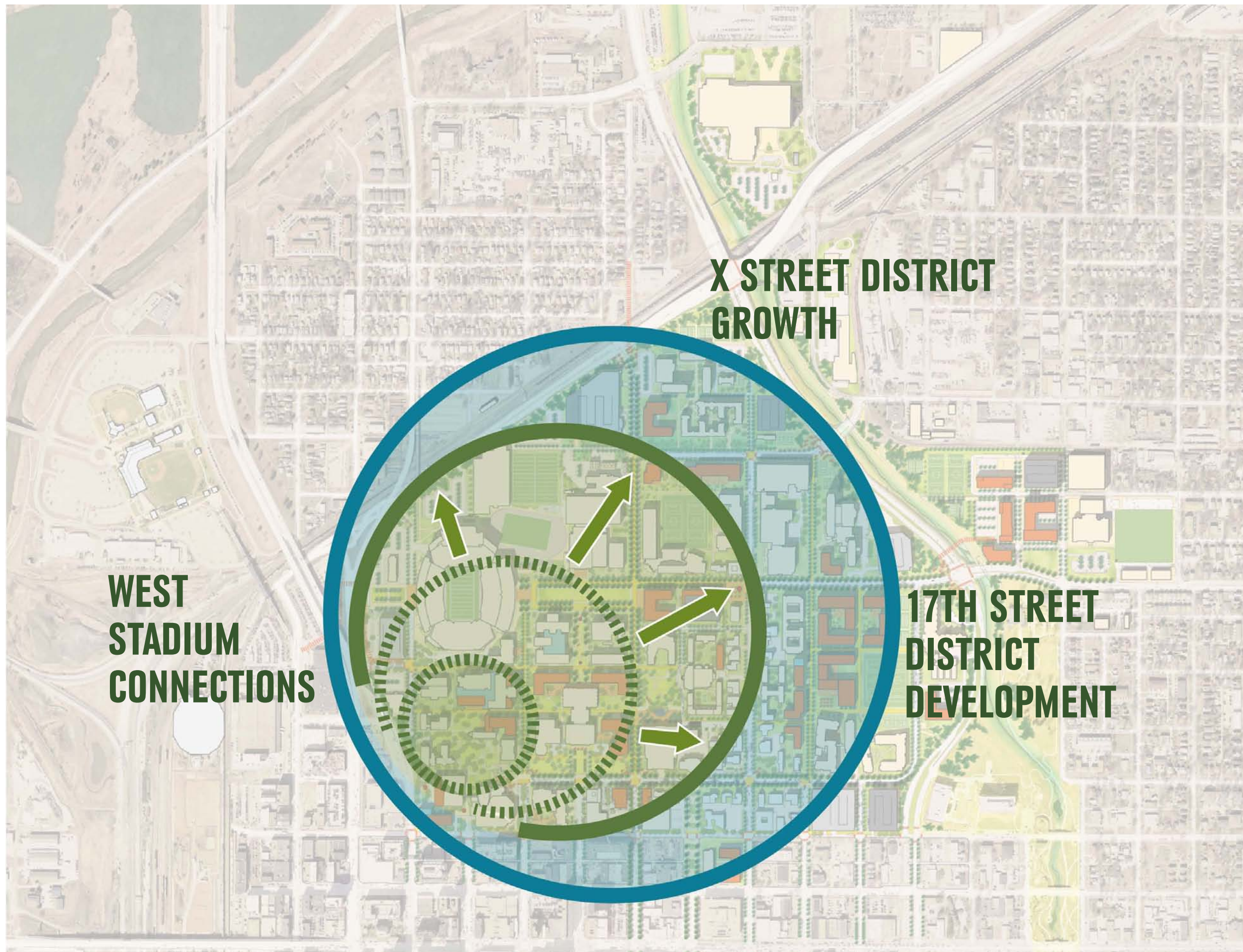
CITY CAMPUS THE BEGINNING

**BEAUX ARTS
CAMPUS**

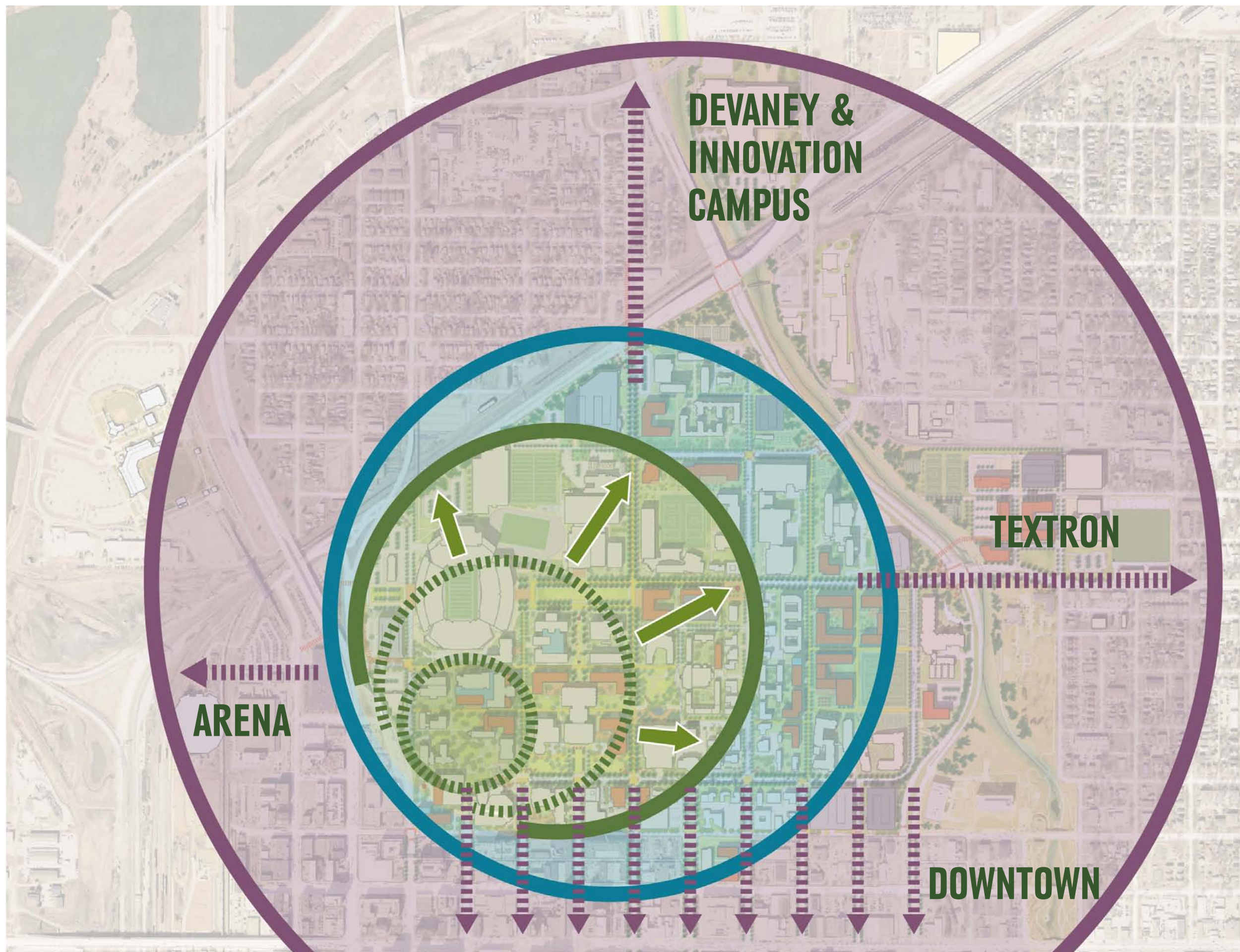
**HISTORIC
CORE**



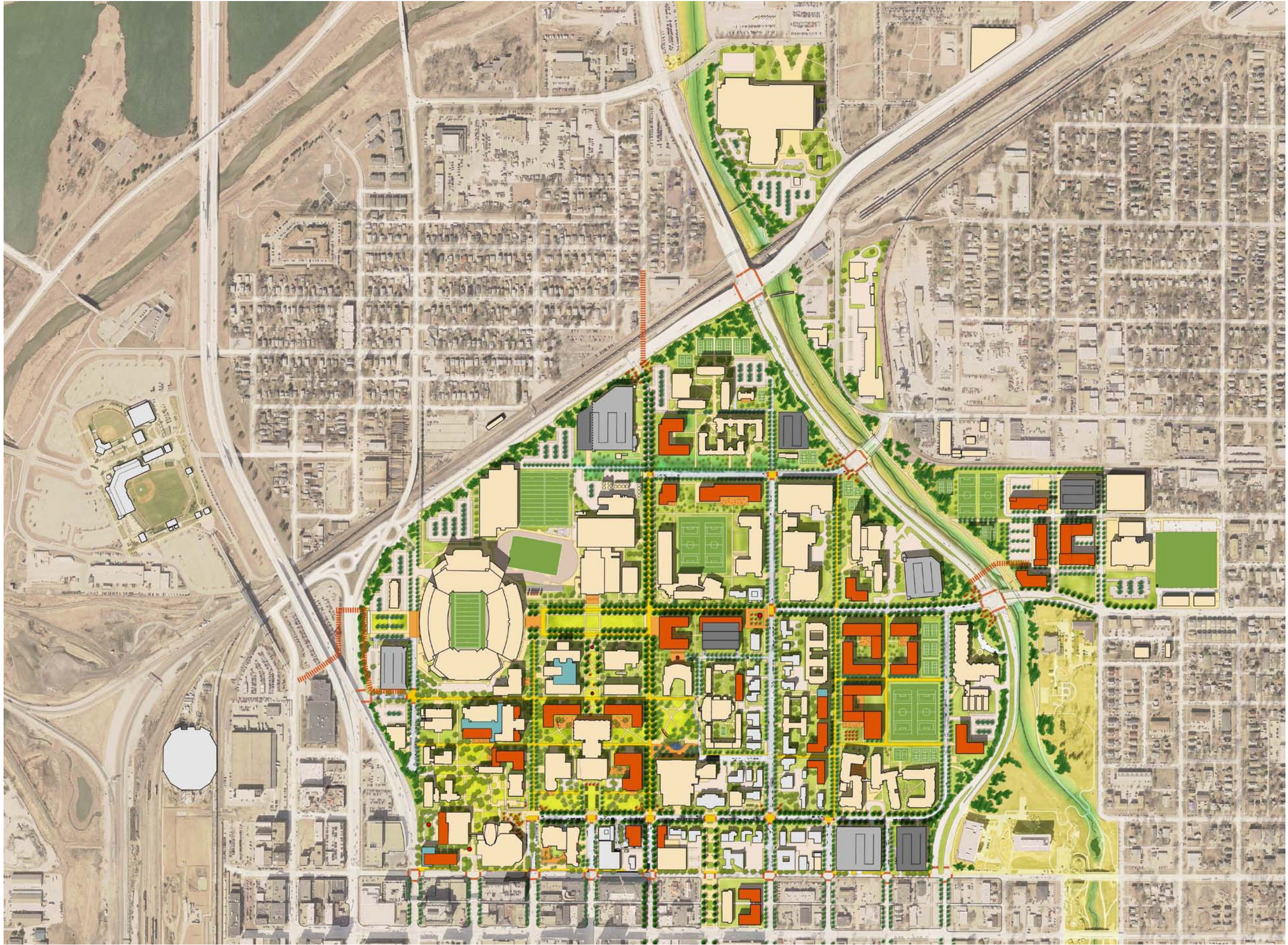
**EXPAND THE
WALKABLE, VIBRANT
ACADEMIC CORE**



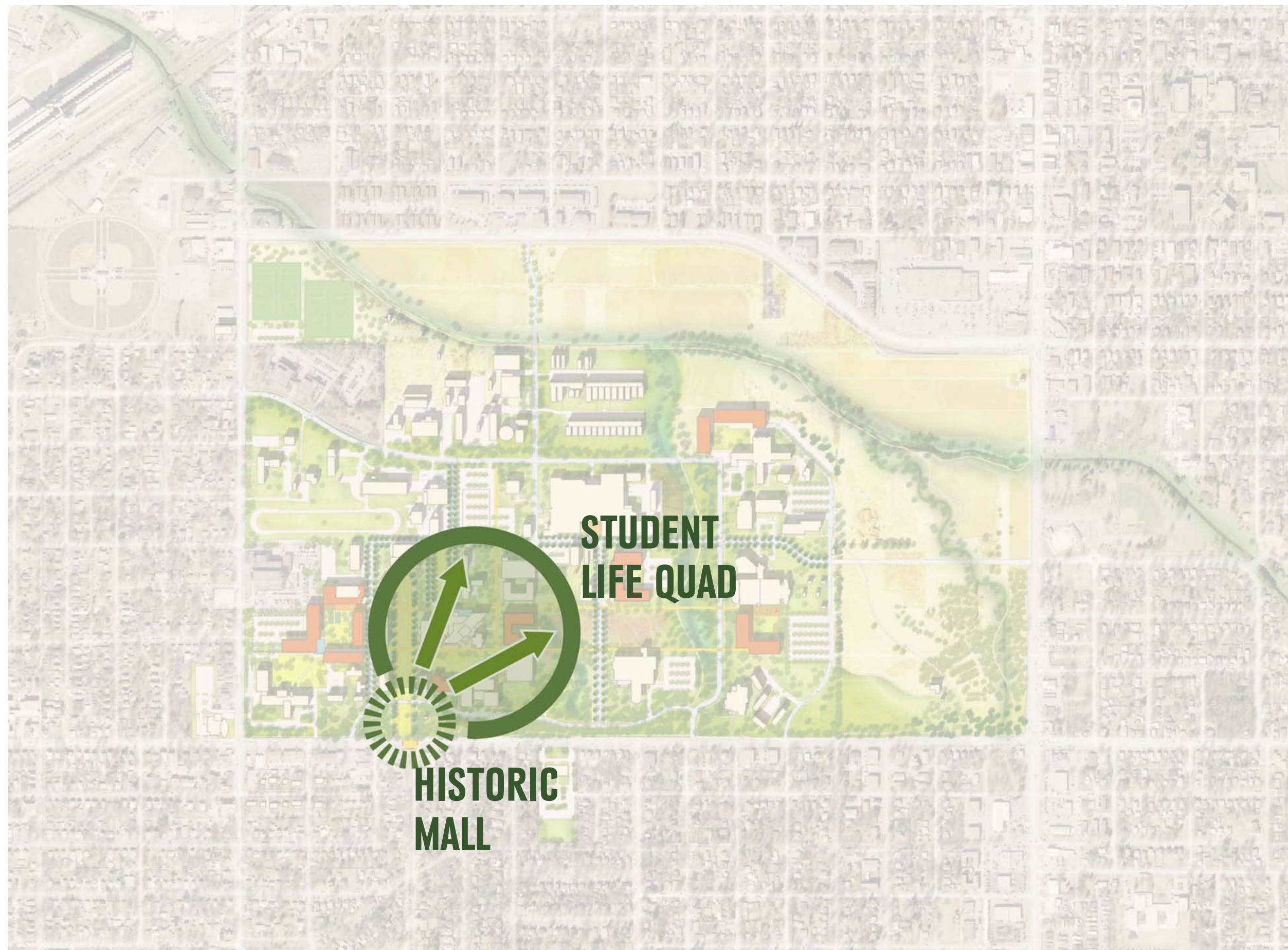
**STRENGTHEN
CONNECTIONS TO
A MORE HUMAN
SCALED, WELL-
DEVELOPED
CAMPUS
PERIPHERY**



**IMPROVE
PROGRAMMATIC
AND PHYSICAL
CONNECTIONS TO
THE SURROUNDING
CONTEXT**



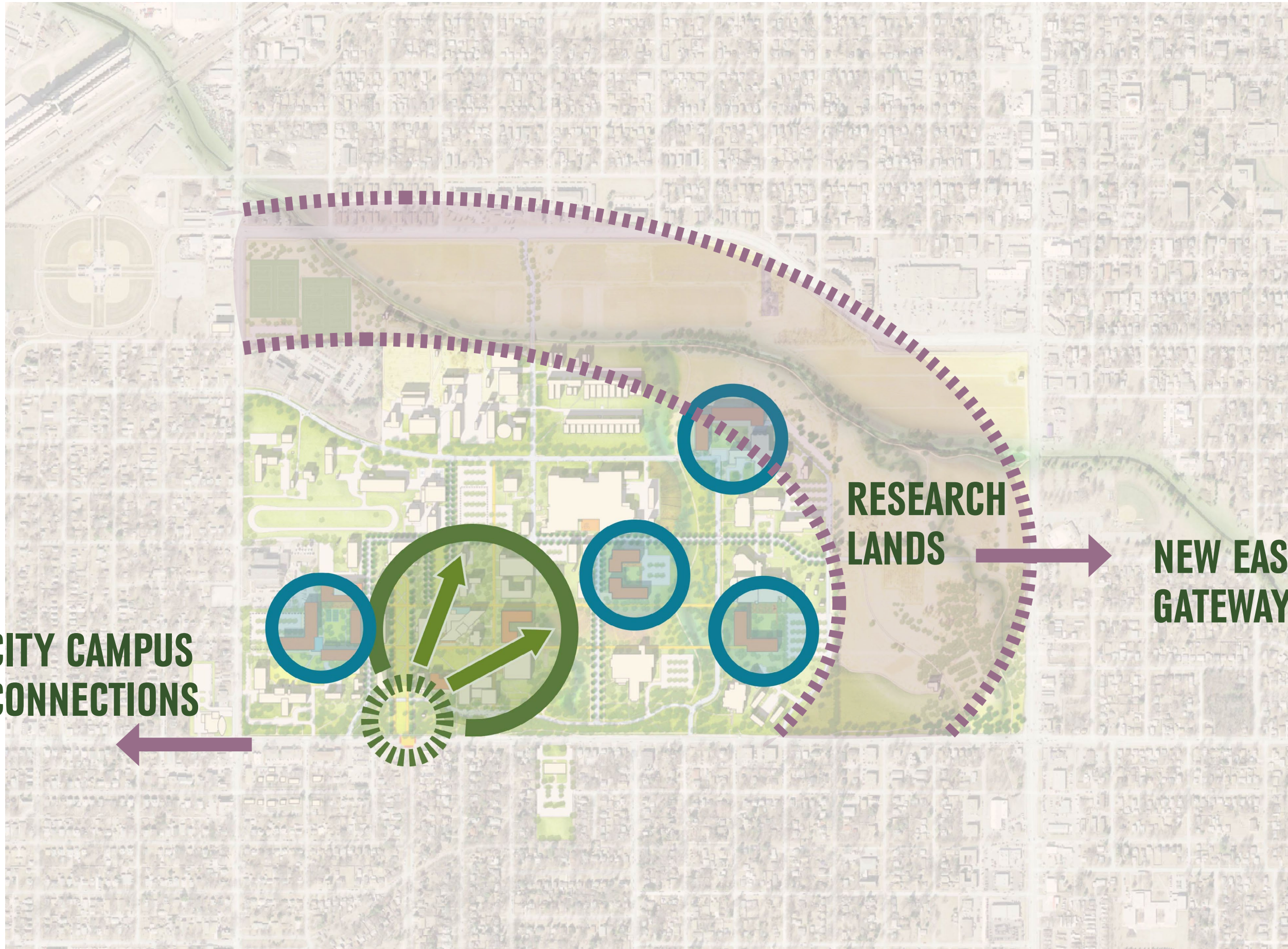
CITY CAMPUS MASTER PLAN



EAST CAMPUS THE BEGINNING



**CREATE
COLLABORATIVE
PROGRAM
CLUSTERS**



**PRESERVE THE
AGRICULTURAL
LANDS AND
CLARIFY
CONNECTIONS**

**CITY CAMPUS
CONNECTIONS**

**RESEARCH
LANDS**

**NEW EASTERN
GATEWAY**



**EAST CAMPUS
MASTER PLAN**

BIG + GREEN

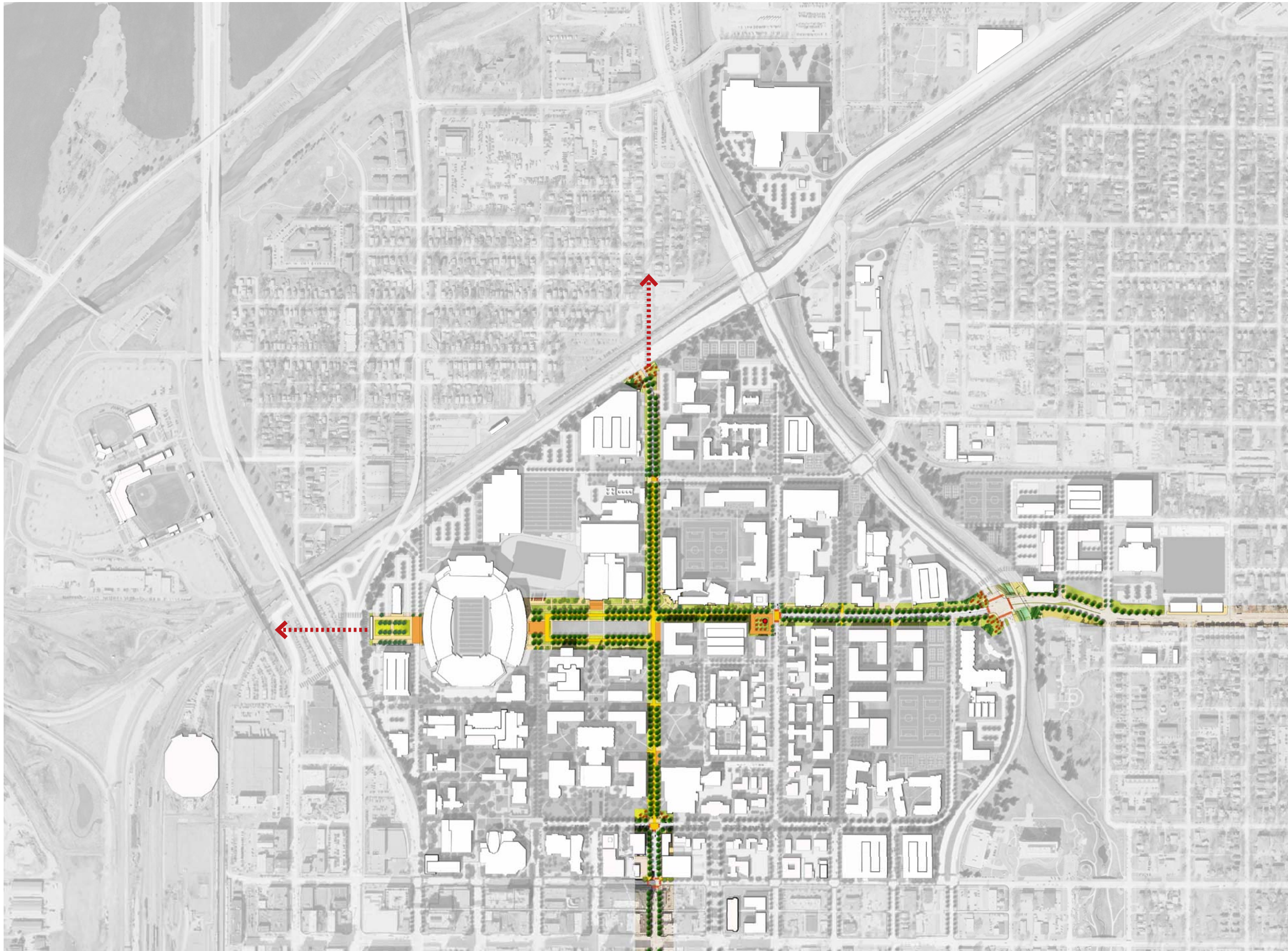
**CAMPUS LANDSCAPES
STORMWATER STRATEGY**

**“THE PHYSICAL ENVIRONMENT OF THE CAMPUS
IMPACTS OUR ATTRACTIVENESS TO STUDENTS AS WELL
AS INFLUENCES OUR OWN SATISFACTION.”**

CHANCELLOR PERLMAN, STATE OF THE UNION



CITY CAMPUS TODAY







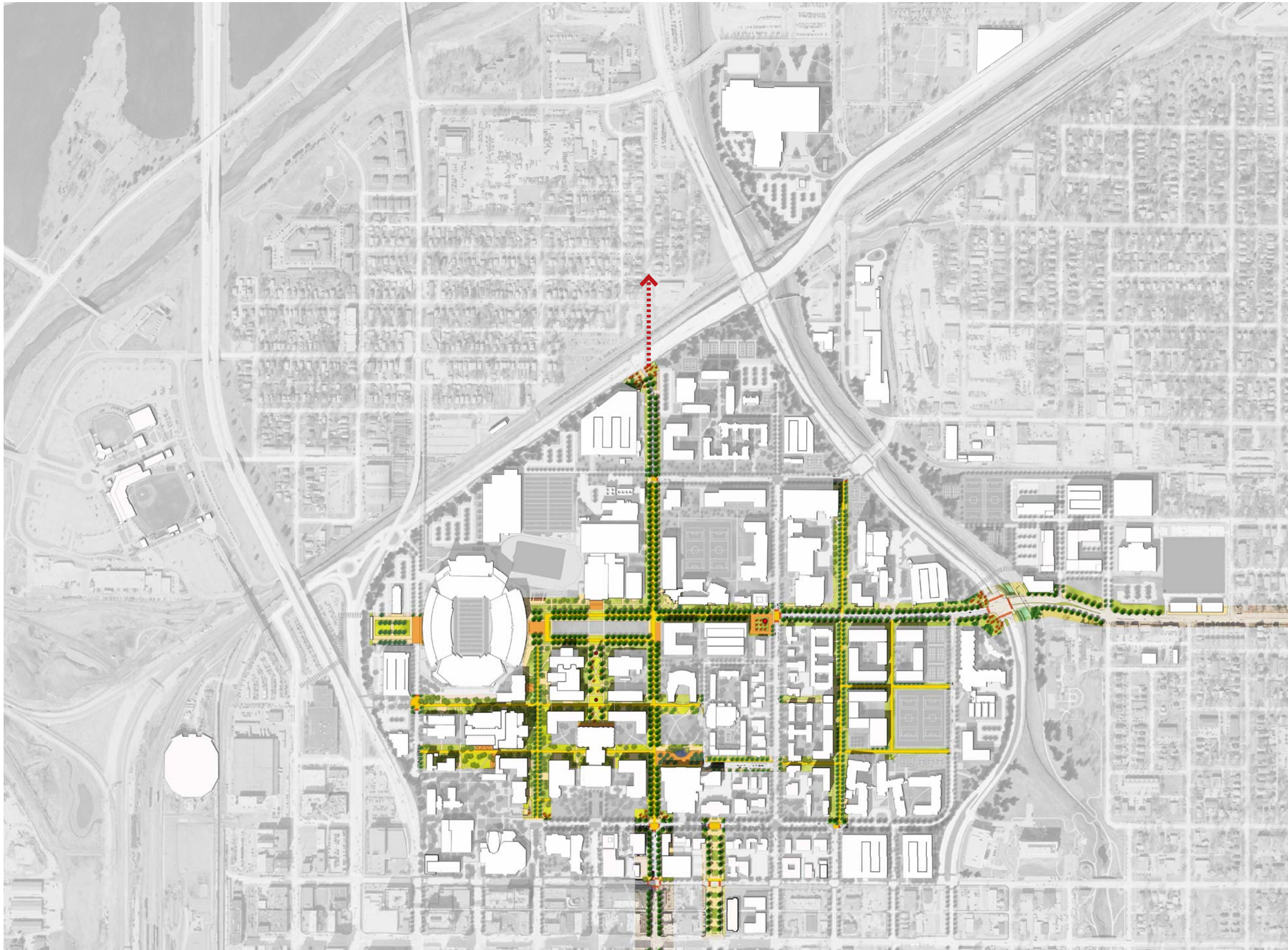
THE CROSSROADS

- **14th Street Mall** becomes an important identity corridor, linking from Downtown to the Innovation Campus
- **Vine Street** connects east-west, with a pedestrian/shuttle-only zone from 14th-16th, new gateways at each end, and higher density development sites.

14TH STREET - NORTH OF VINE



					
	8'	12'	8'	12'	
varies	32'				varies



THE MALLS

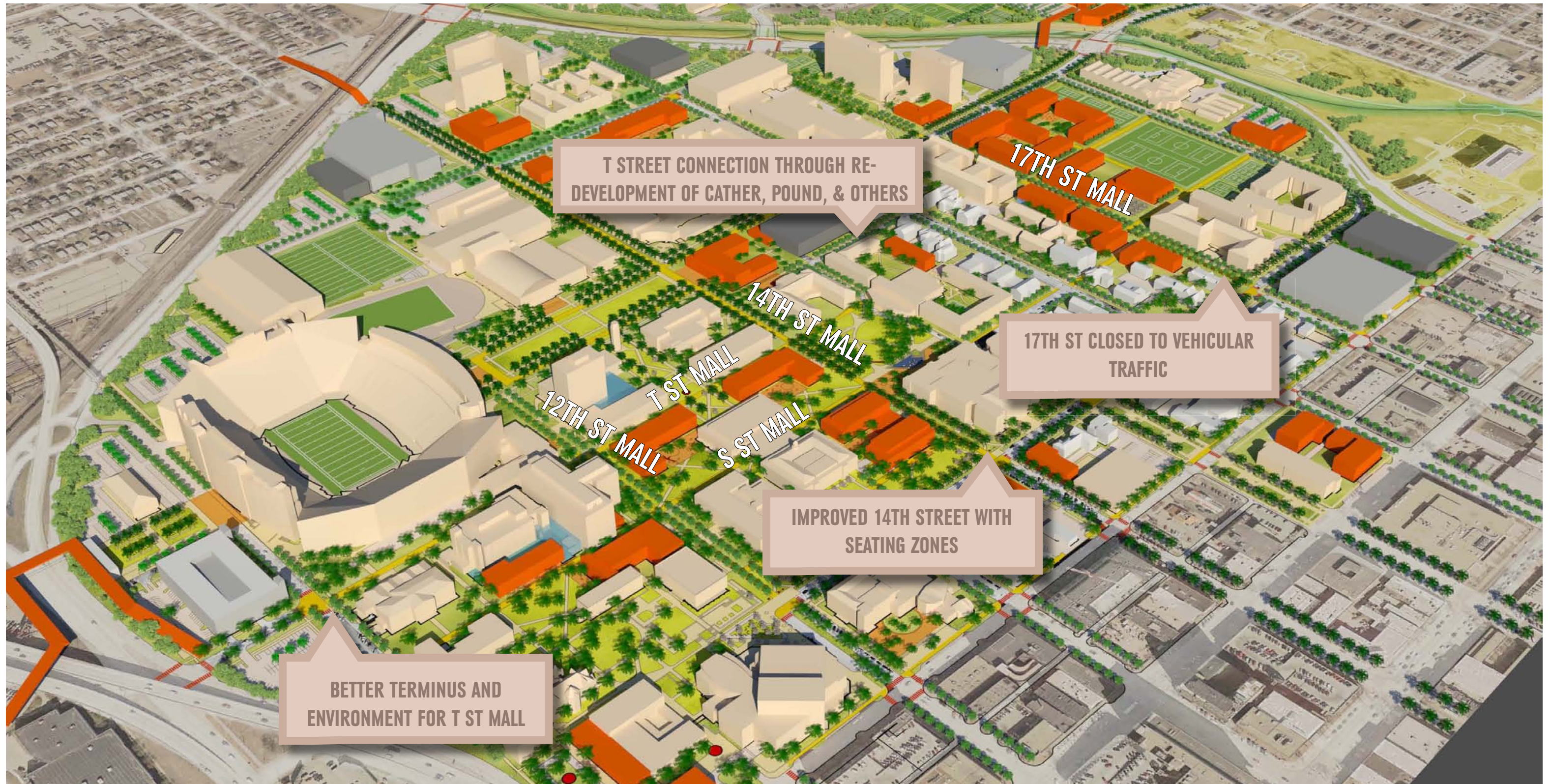


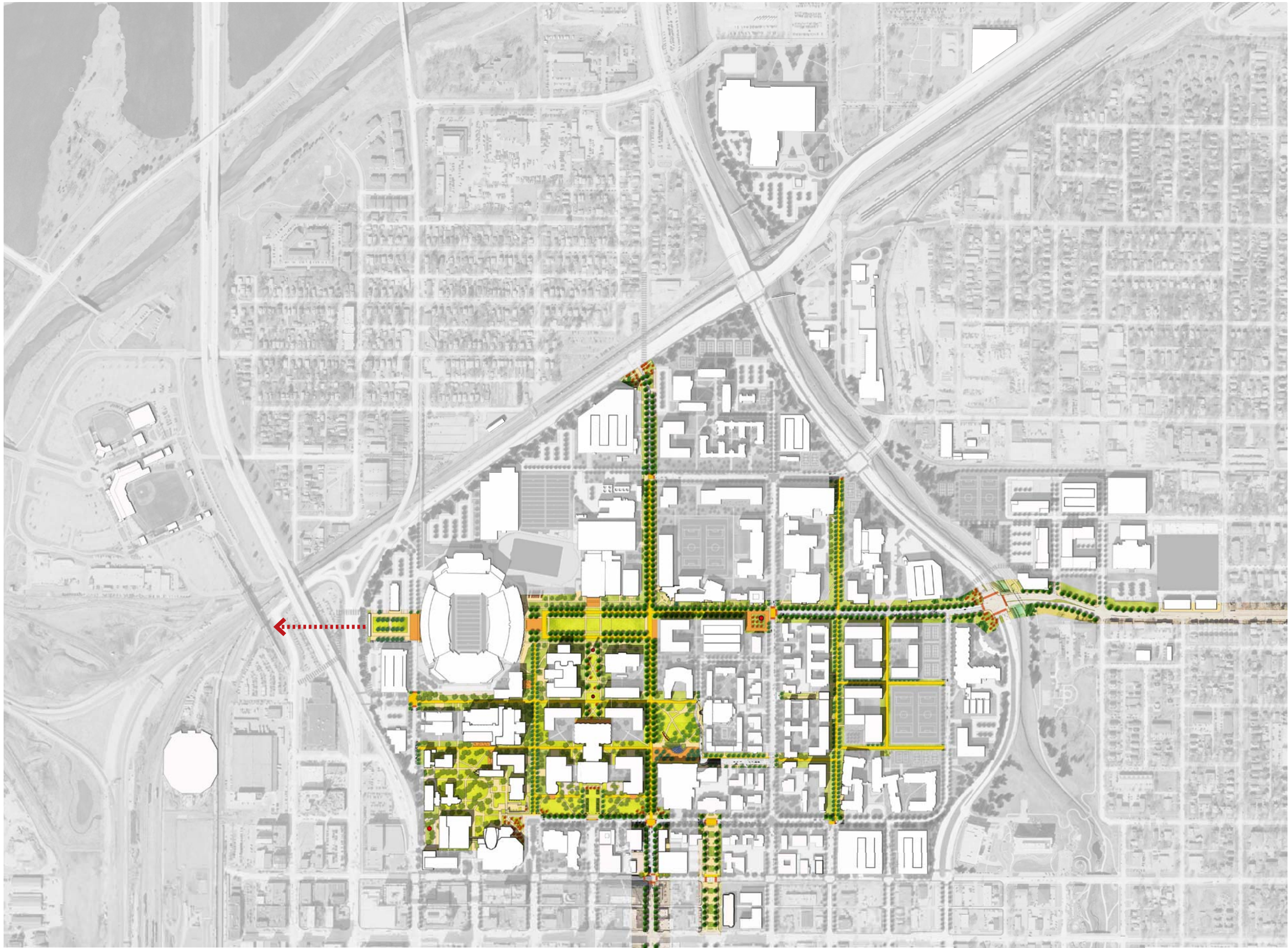
- **S & T Street Malls** connect east to 17th Street through careful redevelopment
- Each **North South Malls** takes on a different landscape identity

MALL SYSTEM TODAY

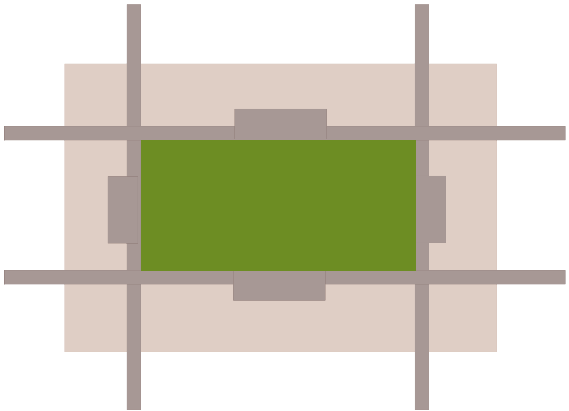


MALL SYSTEM IMPROVEMENTS

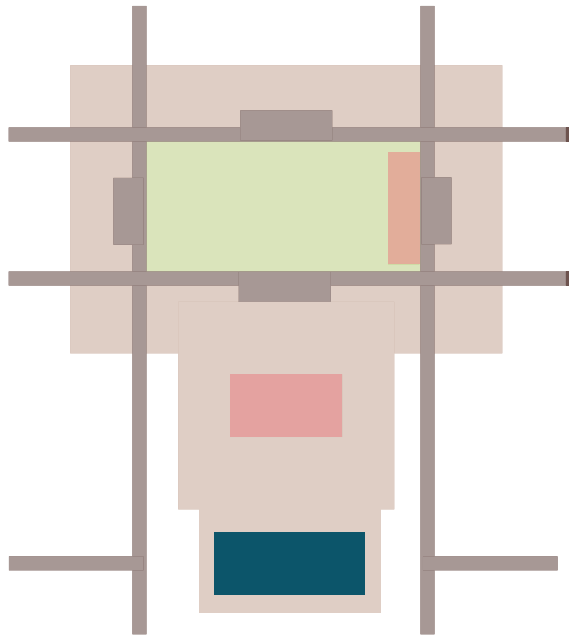




**QUADRANGLES
+ GARDENS**



QUADRANGLE



GARDEN

MEMORIAL MALL TODAY



NEW CBA
COMING SOON...



NEW CBA
COMING SOON...



MEMORIAL MALL

EVERY DAY



MEMORIAL MALL GAME DAY



UNL WILL BE

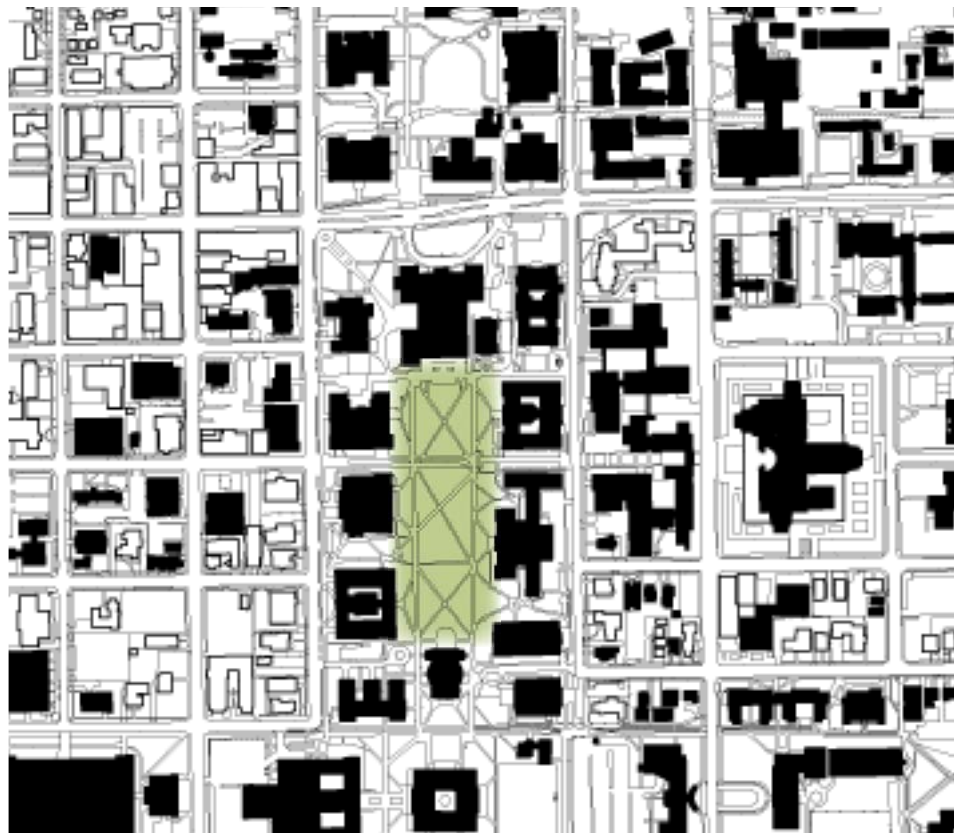
UNIQUE

IN THE BIG 10.

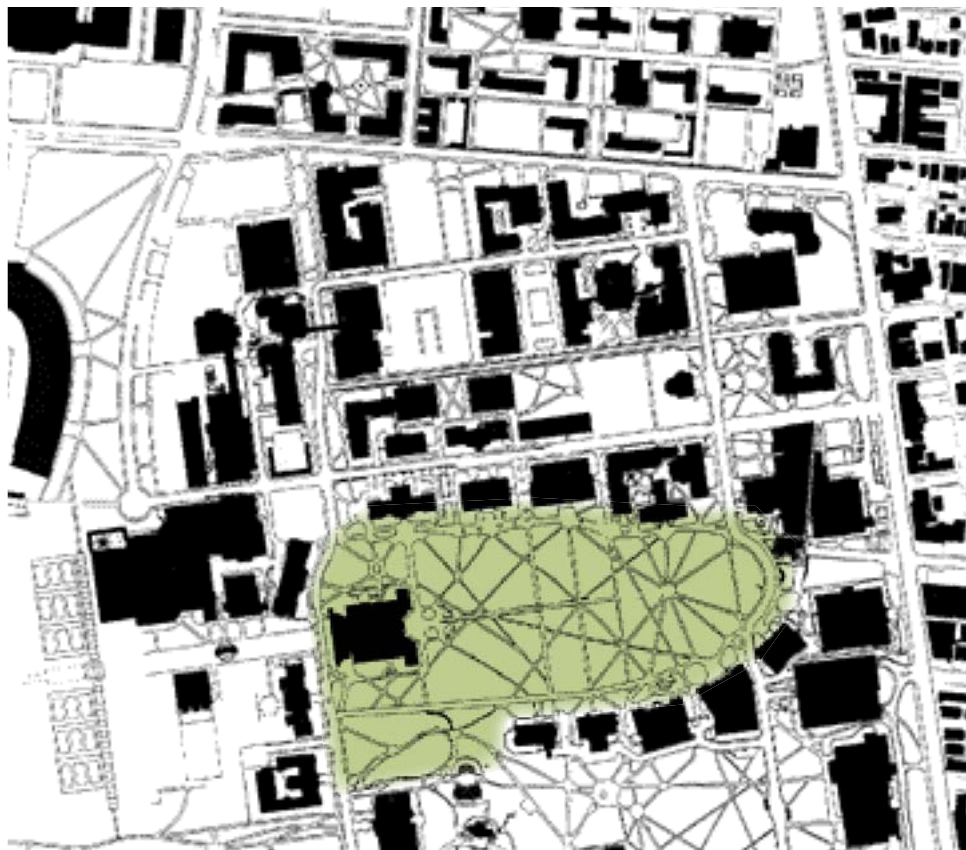
WHAT IS A BIG 10 LANDSCAPE?

		ICONIC GREEN?	FOOTBALL STADIUM NEXT TO THE GREEN?
1	UNIVERSITY OF ILLINOIS	YES	NO
2	INDIANA UNIVERSITY	YES	NO
3	UNIVERSITY OF MICHIGAN	YES	NO
4	MICHIGAN STATE	YES	NO
5	UNIVERSITY OF MINNESOTA	YES	NO
6	NORTHWESTERN	YES	NO
7	PENN STATE	YES	NO
8	PURDUE	YES	NO
9	UNIVERSITY OF WISCONSIN	YES	NO
10	UNL	not yet...	Could be...

WHAT DO OTHER BIG 10 SCHOOLS LOOK LIKE?



UNIVERSITY OF ILLINOIS AT
URBANA-CHAMPAIGN



OHIO STATE

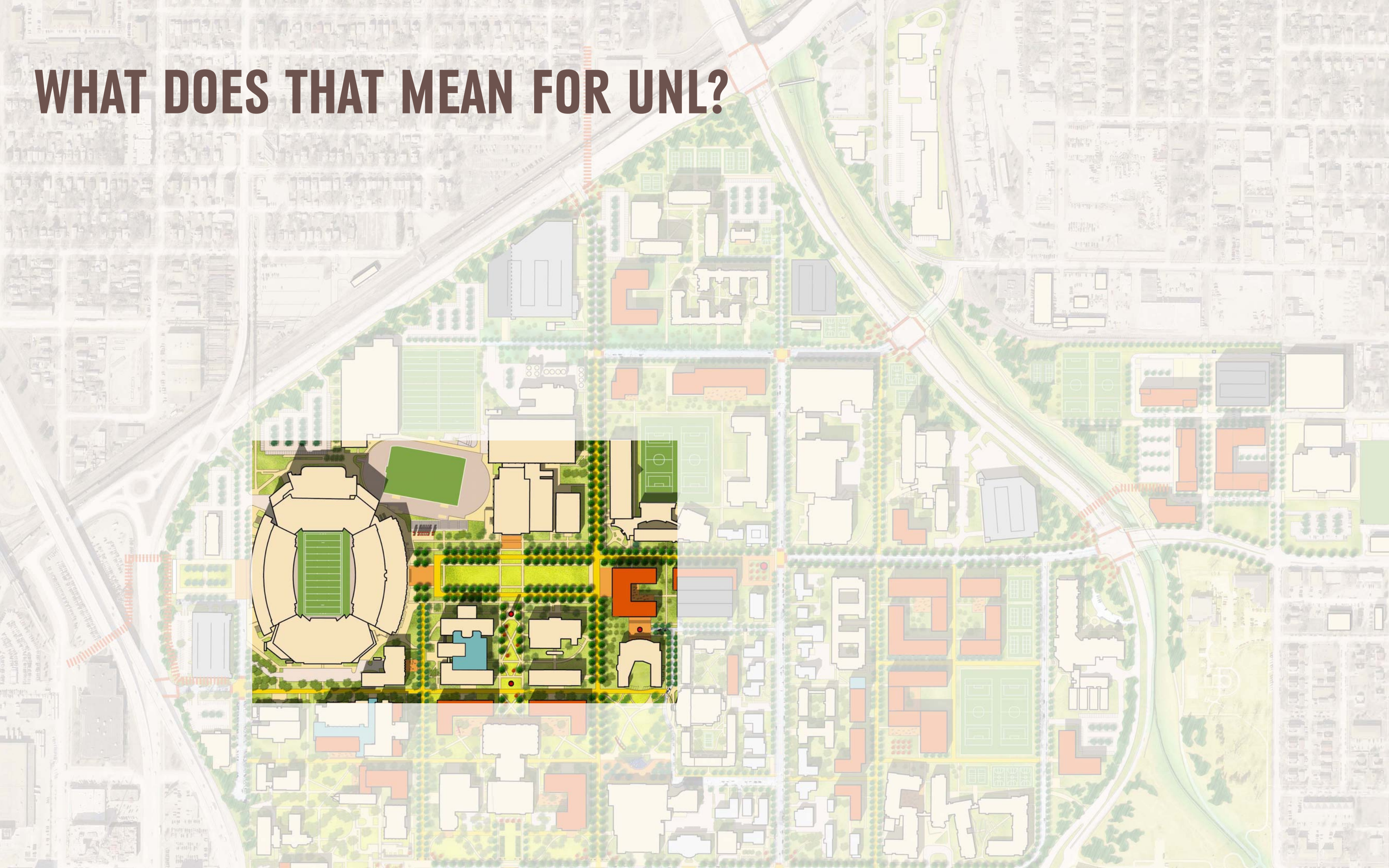


UNIVERSITY OF WISCONSIN AT MADISON

ALL OF THE OTHER BIG 10 SCHOOLS HAVE
A LARGE CENTRAL GREEN OR QUAD.

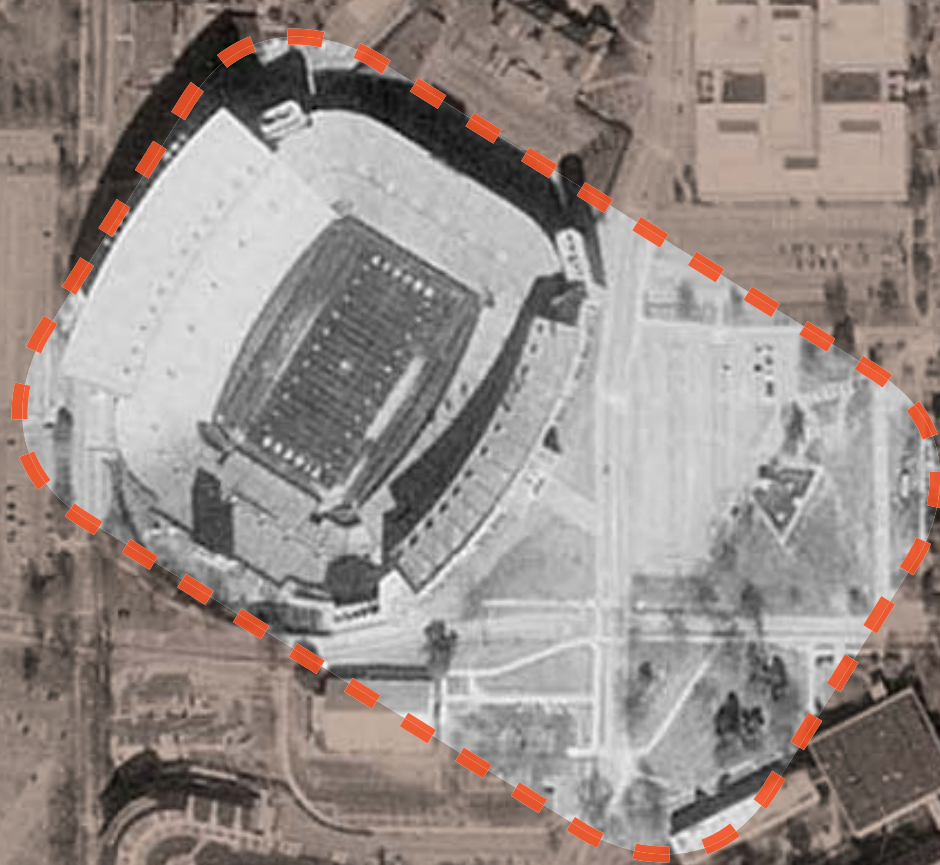
- % UNIVERSITY OF ILLINOIS
- % INDIANA UNIVERSITY
- % UNIVERSITY OF MICHIGAN
- % MICHIGAN STATE
- % UNIVERSITY OF MINNESOTA
- % NORTHWESTERN
- % PENN STATE
- % PURDUE
- % UNIVERSITY OF WISCONSIN

WHAT DOES THAT MEAN FOR UNL?



AUBURN

CASE
STUDY



1998

AUBURN

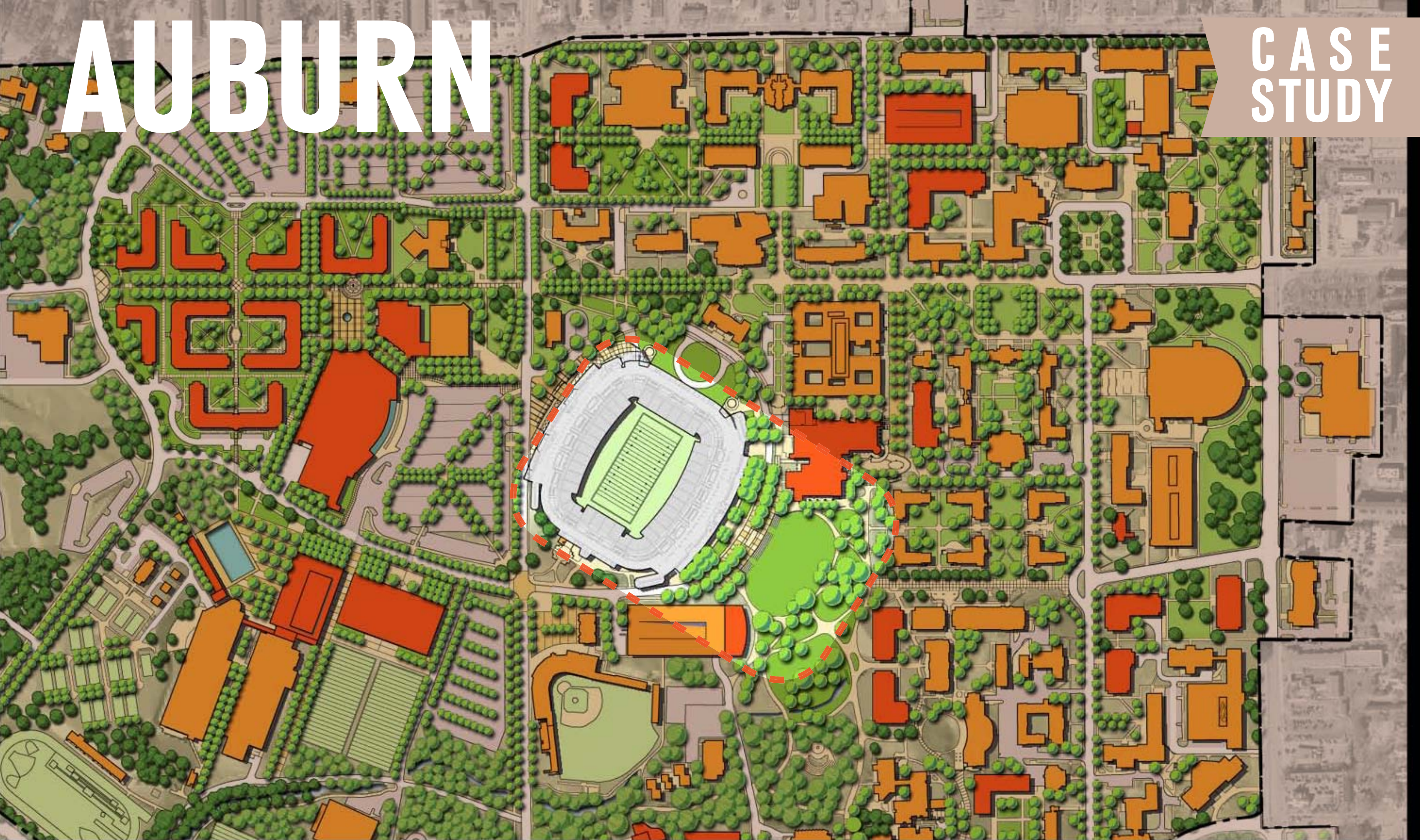
CASE
STUDY



2005

AUBURN

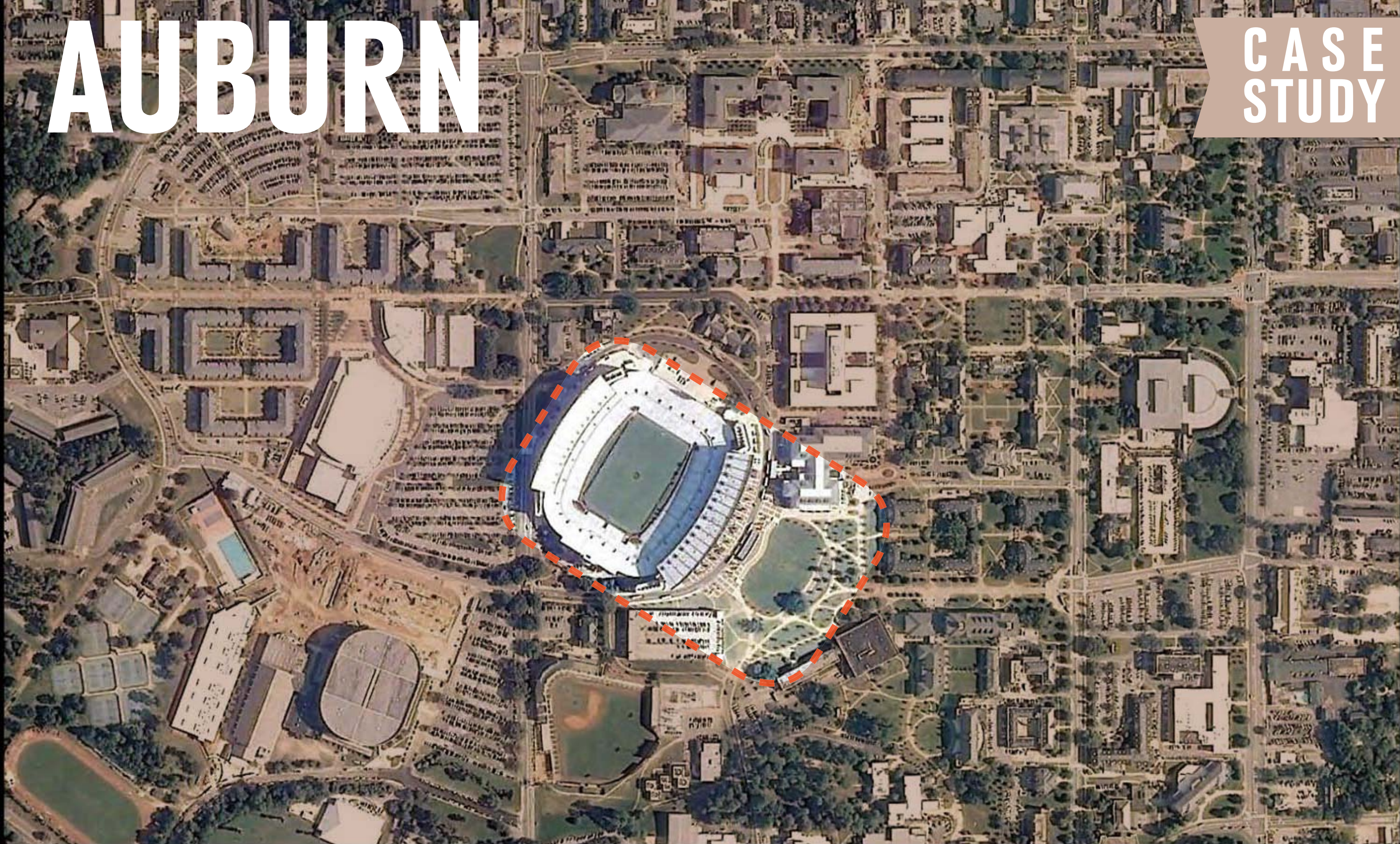
CASE
STUDY



2007 MASTER PLAN

AUBURN

CASE STUDY



2012



JORDAN-HARE STADIUM

HALEY

LOOKING WEST, IN 1998, AT THE SITE OF THE PRESENT-DAY STUDENT CENTER

JORDAN-HARE STADIUM

CAMPUS GREEN

STUDENT CENTER

THE SAME VIEW IN 2012

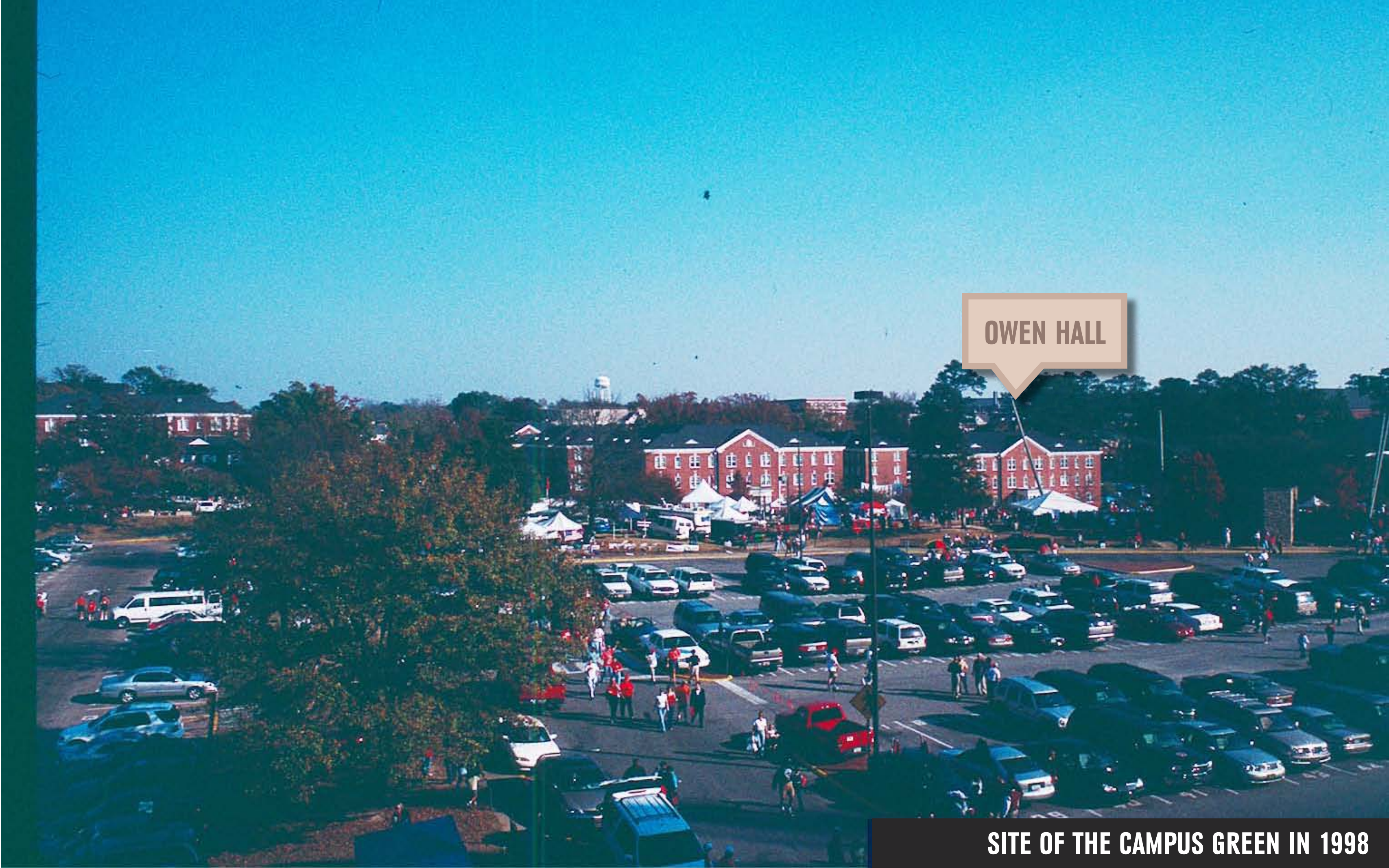


SITE OF THE CAMPUS GREEN IN 1998



TRANSIT HUB

CAMPUS GREEN IN 2012



OWEN HALL

SITE OF THE CAMPUS GREEN IN 1998

OWEN HALL

SCIENCE CENTER



CAMPUS GREEN IN 2012, VIEWED FROM THE STUDENT CENTER

HALEY

SITE OF THE STUDENT CENTER AND CAMPUS GREEN IN 1998



HALEY

STUDENT CENTER

TRANSIT HUB

THE CAMPUS GREEN IN 2012



THACH HALL

HALEY

LOOKING EAST, IN 1998, ALONG THACH AVENUE

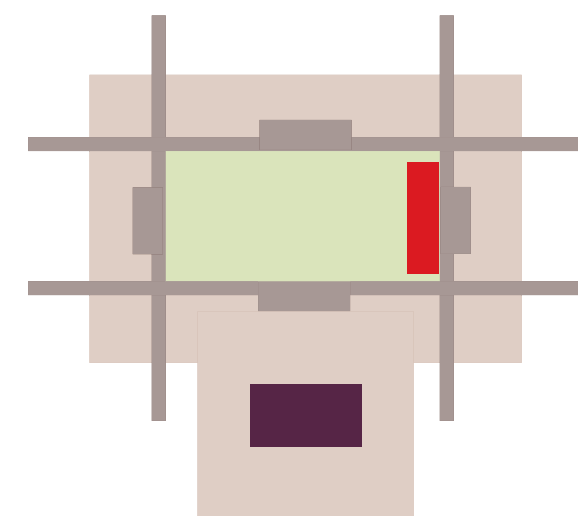


THACH HALL

PEDESTRIANIZED THACH CONCOURSE, IN 2012



COURTYARDS + PLAZAS



- New development around Love Library frames new academic courtyards
- 17th Street District designed with human-scaled courtyards

LOVE LIBRARY

TODAY





LOVE LIBRARY

LEARNING COMMONS



RECREATION

- Fields and courts distributed among residential areas and new development districts.
- New recreation sites linked to Antelope Valley trails to create a connected recreation corridor.



17TH STREET DISTRICT

TODAY

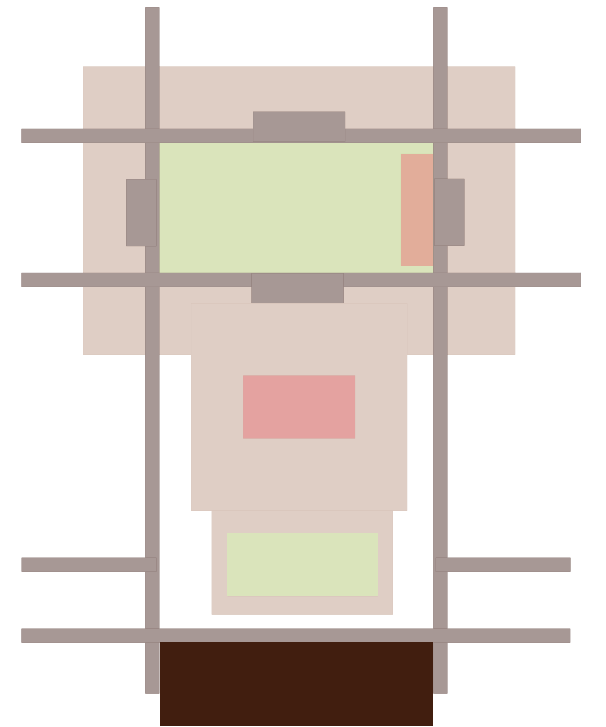


17 STREET DISTRICT COURTYARDS FUTURE

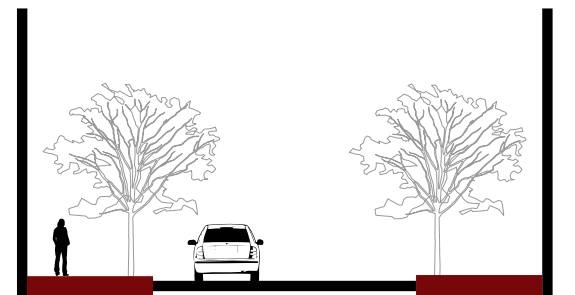
- New dining courtyard created at 17th Street and S Street malls
- Vine Street buildings frame interior courtyards



PARKING, EDGES & STREETSCAPES



PARKING



STREETSCAPES



NORTH CAMPUS EDGE --- TODAY



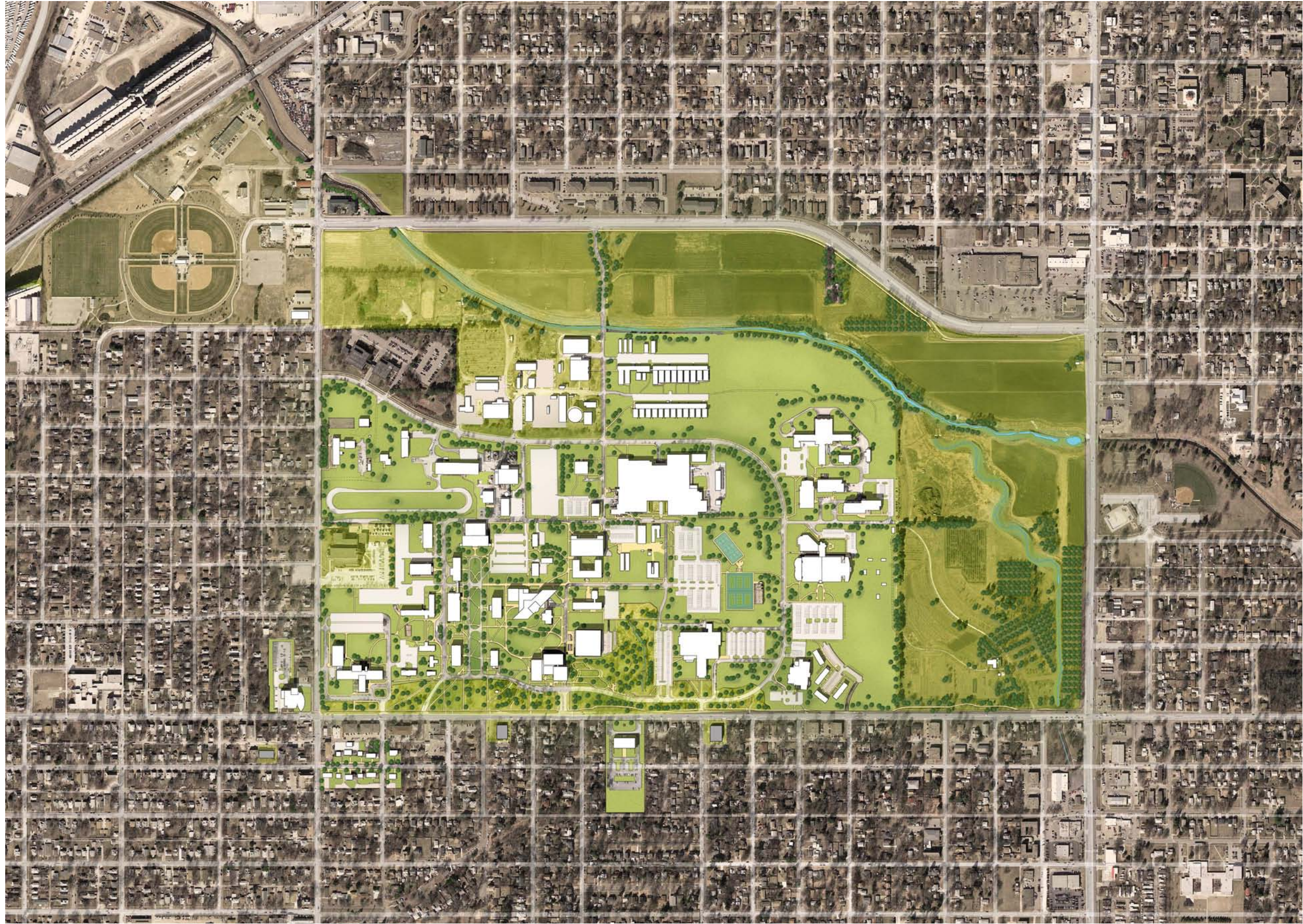
NORTH CAMPUS EDGE

GREEN FRAME

- Campus edge balances a mix of surface parking, additional recreation, and landscape
- Plantings and trees create shelter and microclimate, as well as buffer from the road infrastructure
- Surface lots remain, and are redesigned to integrate plantings that provide shade and manage stormwater run-off



CITY CAMPUS



**EAST CAMPUS
EXISTING**



THE MALLS

- Malls form the pedestrian structure of East Campus
- Two east-west malls are extended east to the Law School to better connect the professional schools to the core



EAST-WEST CONNECTIONS TODAY



**CONTINUE EAST-
WEST PEDESTRIAN
CONNECTIONS**



QUADRANGLES

- South Meadows is re-designed to better connect to the Historic Mall, and to engage the buildings - such as the Union and Library - surrounding it
- A new Union Quadrangle is created north of the Union to improve visibility, image, and shuttle access to the core.
- Harden Hall district is redesigned, creating a quadrangle that better connects the buildings



COURTYARDS + PLAZAS

- Buildings in each growth district are designed to form shared, collaborative courtyards that engage multiple programs
- Plazas are created at major building entrances, such as the south Union entrance.
- Redevelopment of the area south of East Campus Rec includes a new courtyard/ recreation space



EAST CAMPUS TODAY



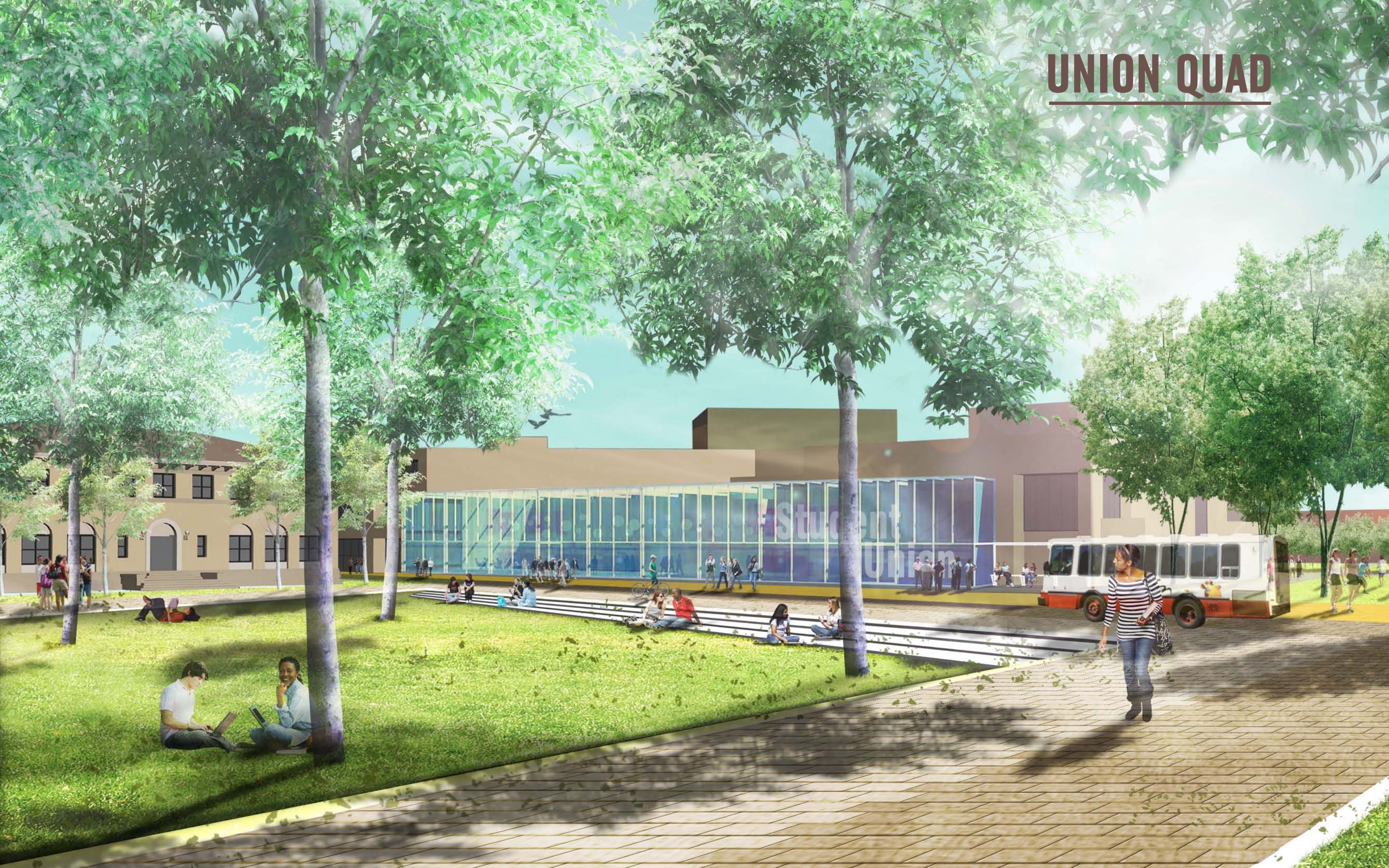
EAST CAMPUS
QUADS:
HARDEN QUAD
UNION QUAD
SOUTH MEADOWS

NORTH OF THE UNION TODAY

UNION

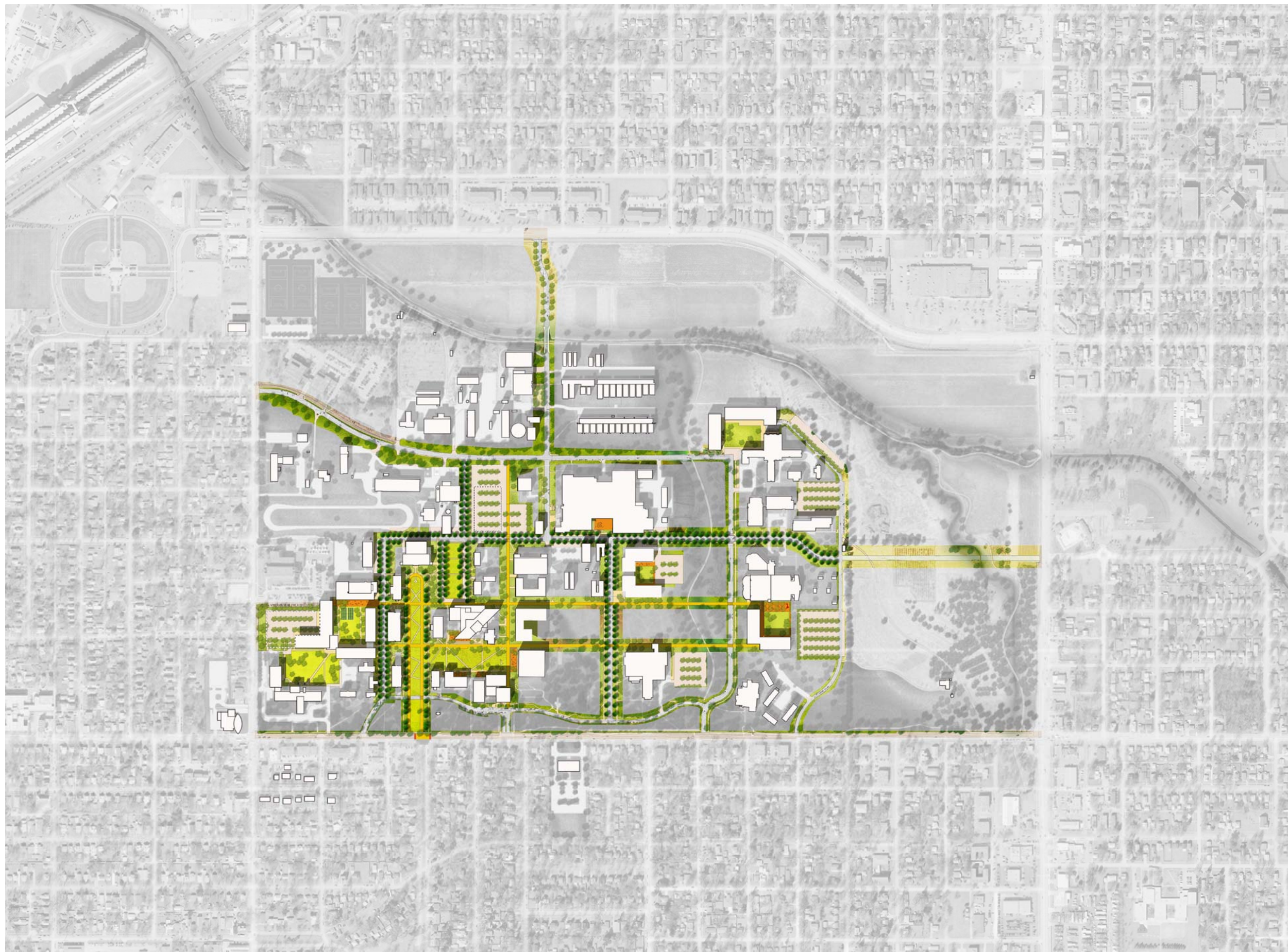
FORESTRY

UNION QUAD



UNION QUAD





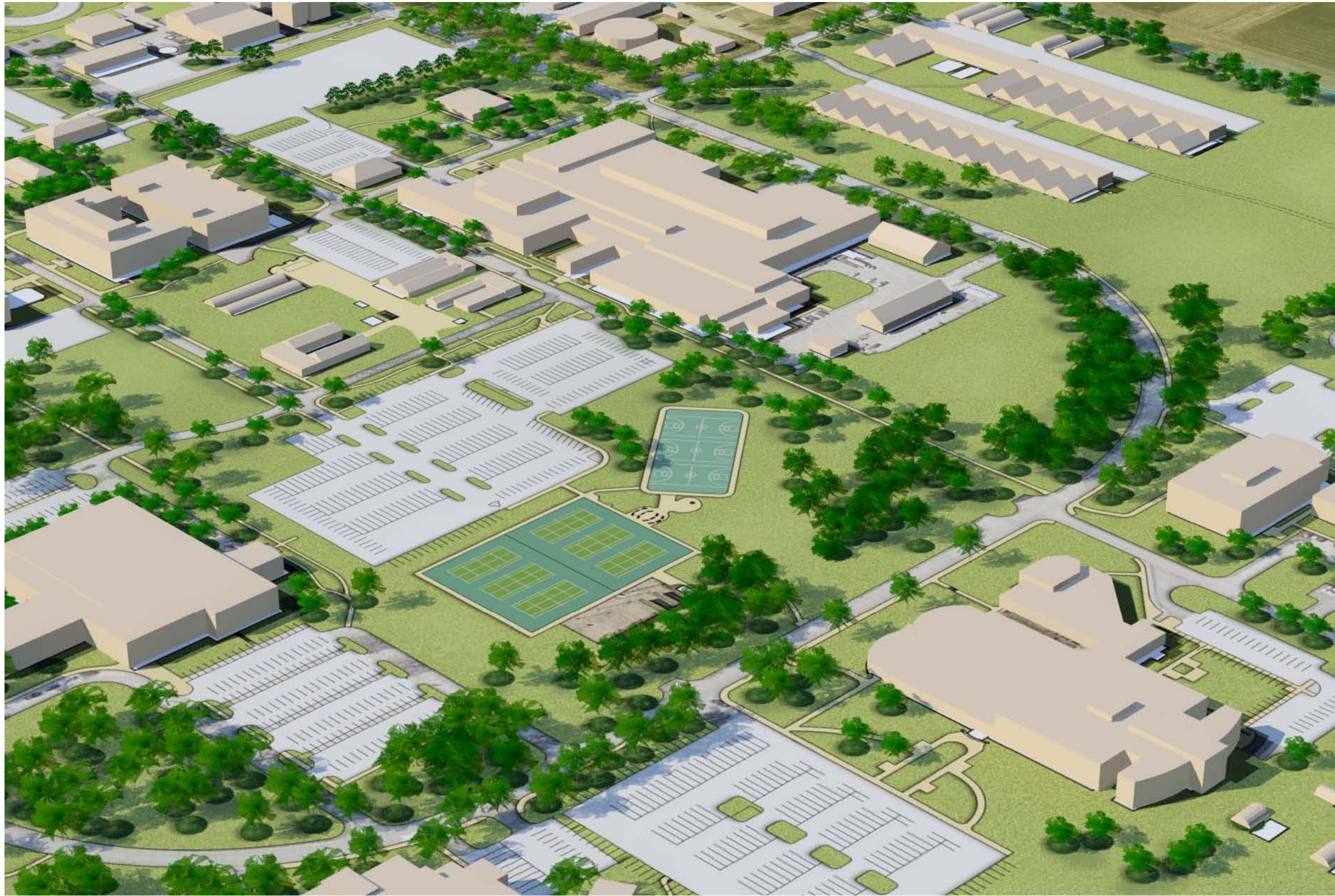
STREETSCAPE + PARKING

- New grid of orthogonal streets increases navigability of campus
- Fair Street is connected east-west as a central spine
- North-south connector streets link Fair to the Loop Road
- Loop Road corners are “squared off”



NATURAL SYSTEMS

- Abandonment of a portion of the loop road allows the Arboretum to be continuous
- The north-south drainage channel is re-imagined as a natural landscape corridor



**STORMWATER
CHANNEL TODAY**



NEW STORMWATER LANDSCAPE



DEVELOPMENT BOUNDARY

- Existing agricultural lands are preserved for land-based research and in connection to the land-grant institutional mission
- A new eastern exit from campus is added, but development will not occur along this spine



AGRICULTURAL LANDS TODAY



**DEVELOPMENT
BOUNDARY**



**EAST CAMPUS
LANDSCAPE**

BIG, BUT WELL-CONNECTED

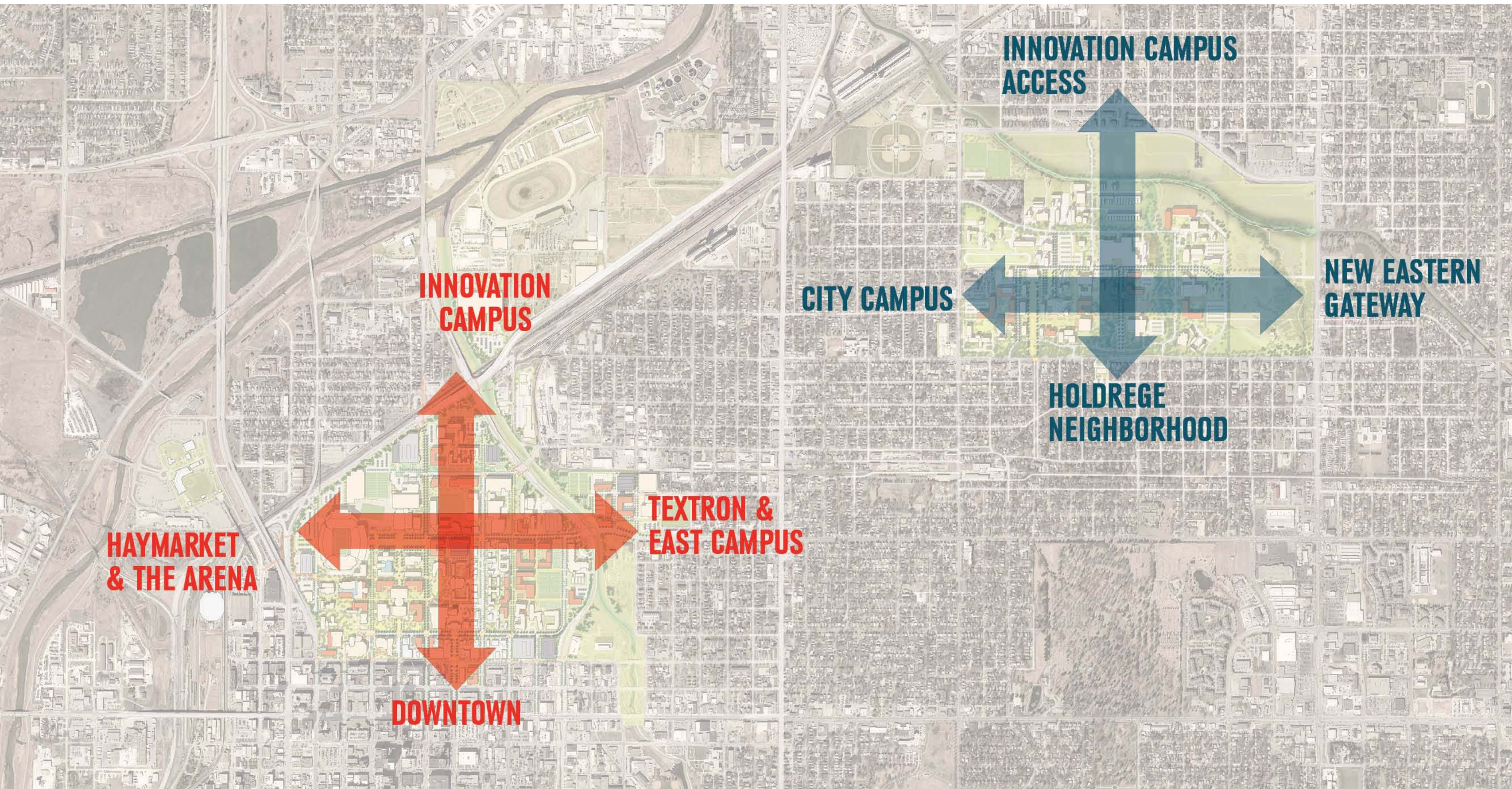
CONTEXT

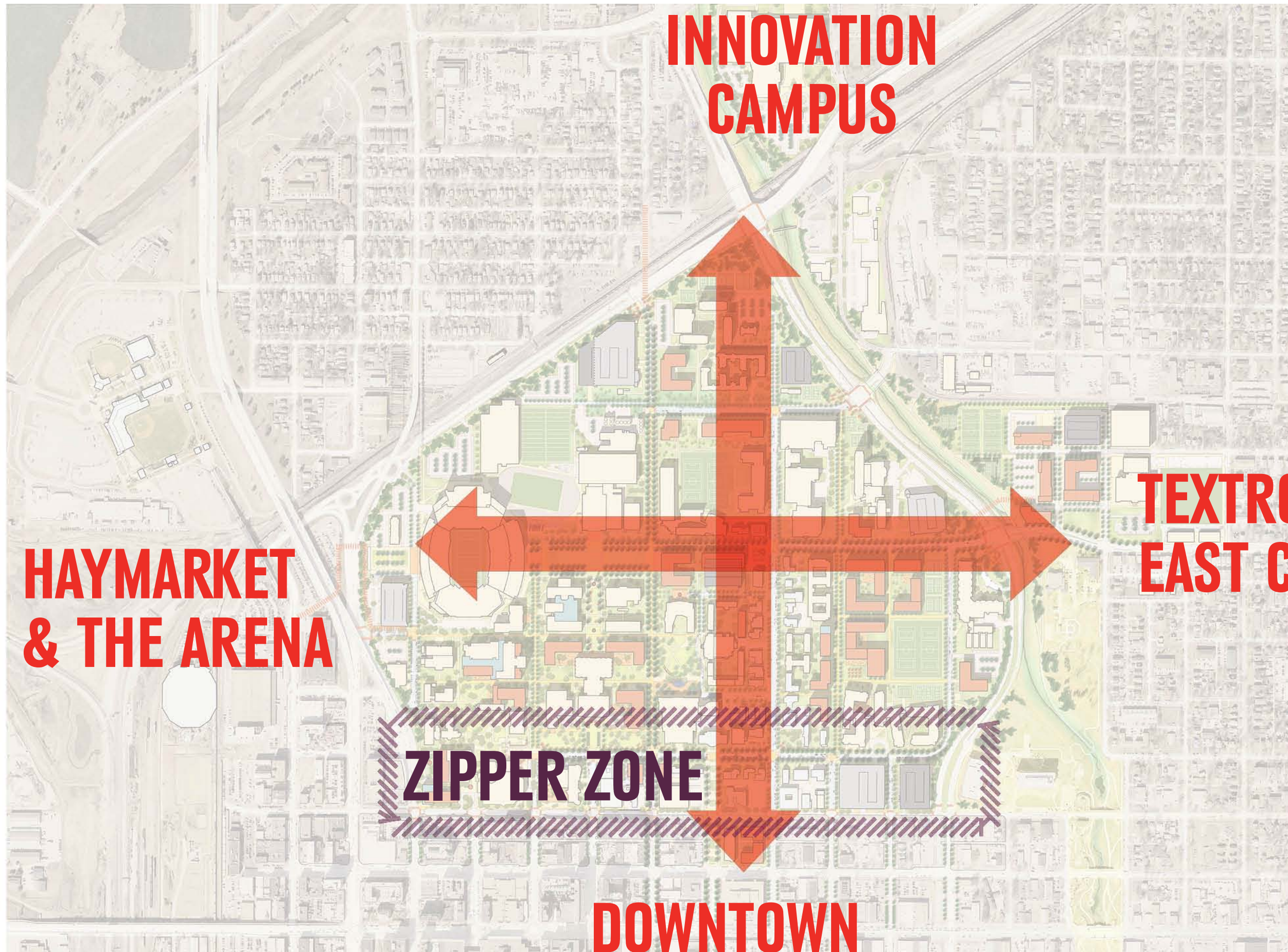
MOBILITY

**“THINK BIG – THINK BEYOND CURRENT IMAGINATION
BEYOND CURRENT CITY LIMITS, AND BEYOND THE
BOUNDARIES OF CURRENT CIRCUMSTANCES.”**

CHANCELLOR PERLMAN, STATE OF THE UNION

CAMPUS CONNECTIONS





**INNOVATION
CAMPUS**

**PROGRAMMATIC
CONNECTIONS**

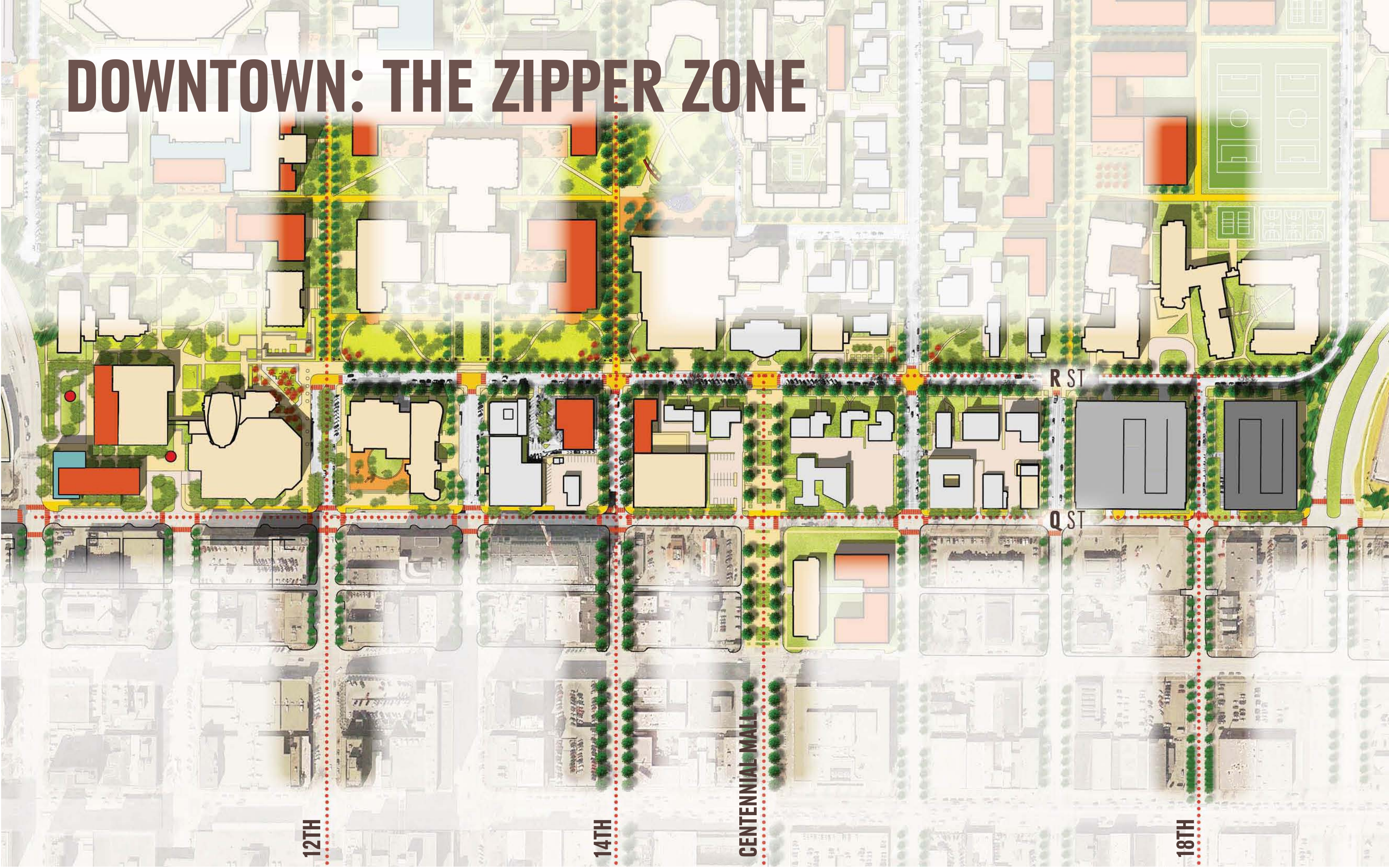
**HAYMARKET
& THE ARENA**

**TEXTRON
EAST CAMPUS**

ZIPPER ZONE

DOWNTOWN

DOWNTOWN: THE ZIPPER ZONE



12TH

14TH

CENTENNIAL MALL

18TH

R ST

Q ST

THE ZIPPER ZONE

WOODS ART BUILDING

SHELDON
MUSEUM
OF ART

NEBRASKA
REPERTORY
THEATRES

MUSIC BUILDING

LIED
CENTER FOR
PERFORMING
ARTS

GREAT PLAINS
ART MUSEUM

CINEMA

MARY RIEPMA
ROSS MEDIA
ARTS CENTER

12TH STREET
ARTS
PROCESSIONAL

R ST

Q ST

CENTENNIAL MALL

12TH

14TH

18TH

THE ZIPPER ZONE

14TH STREET CAMPUS & SOCIAL LIFE

NEBRASKA
UNION

LINCOLN
CHILDREN'S
MUSEUM

NEBRASKA
HISTORY
MUSEUM

CENTENNIAL MALL

R ST

Q ST

12TH

14TH

18TH

THE ZIPPER ZONE

NEBRASKA STATE
HISTORICAL SOCIETY

R ST

Q ST

CENTENNIAL MALL
CEREMONIAL
CIVIC CORRIDOR

12TH

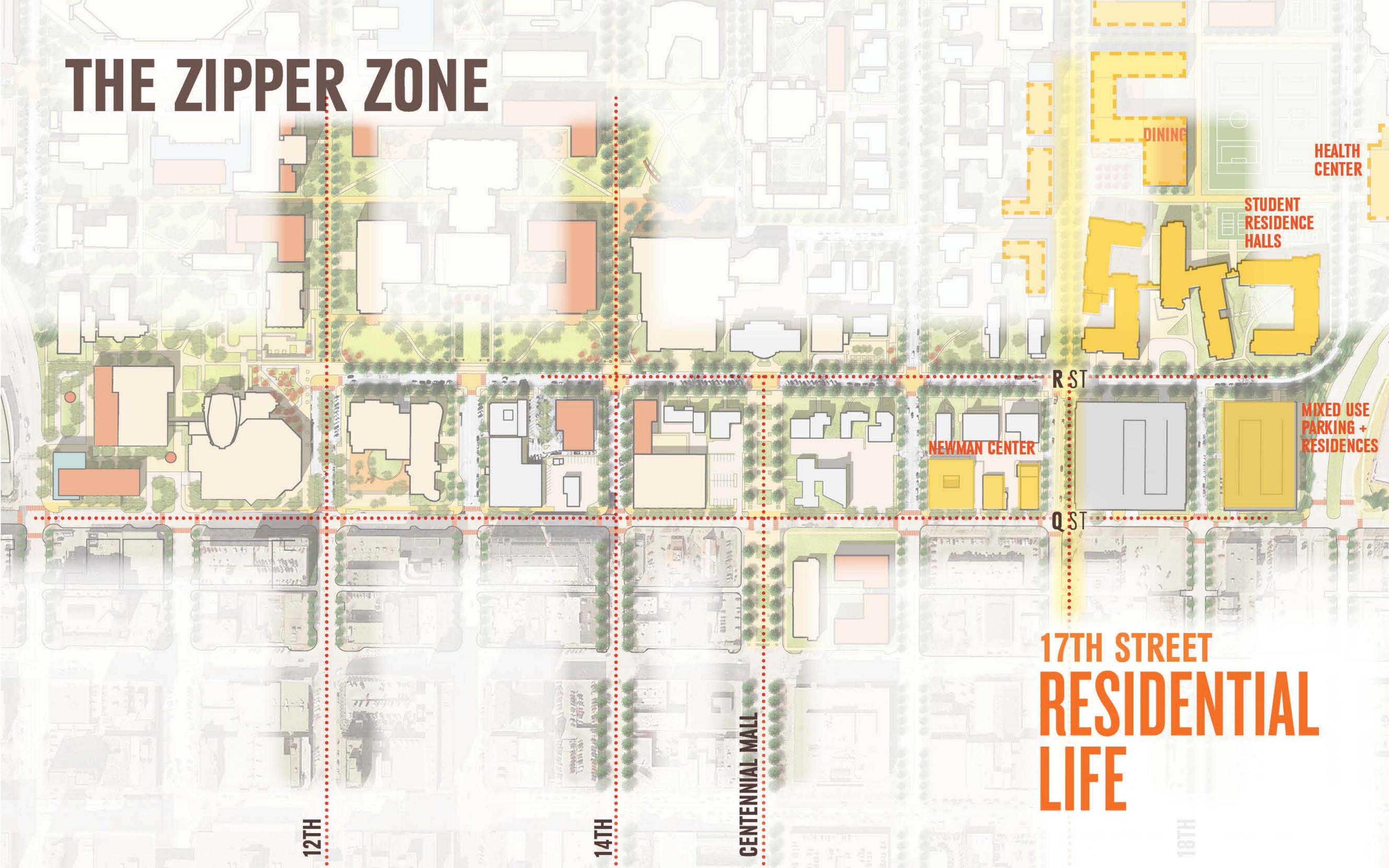
14TH

CENTENNIAL MALL

NEBRASKA
STATE
CAPITOL

18TH

THE ZIPPER ZONE



DINING

HEALTH
CENTER

STUDENT
RESIDENCE
HALLS

R ST

NEWMAN CENTER

MIXED USE
PARKING +
RESIDENCES

Q ST

12TH

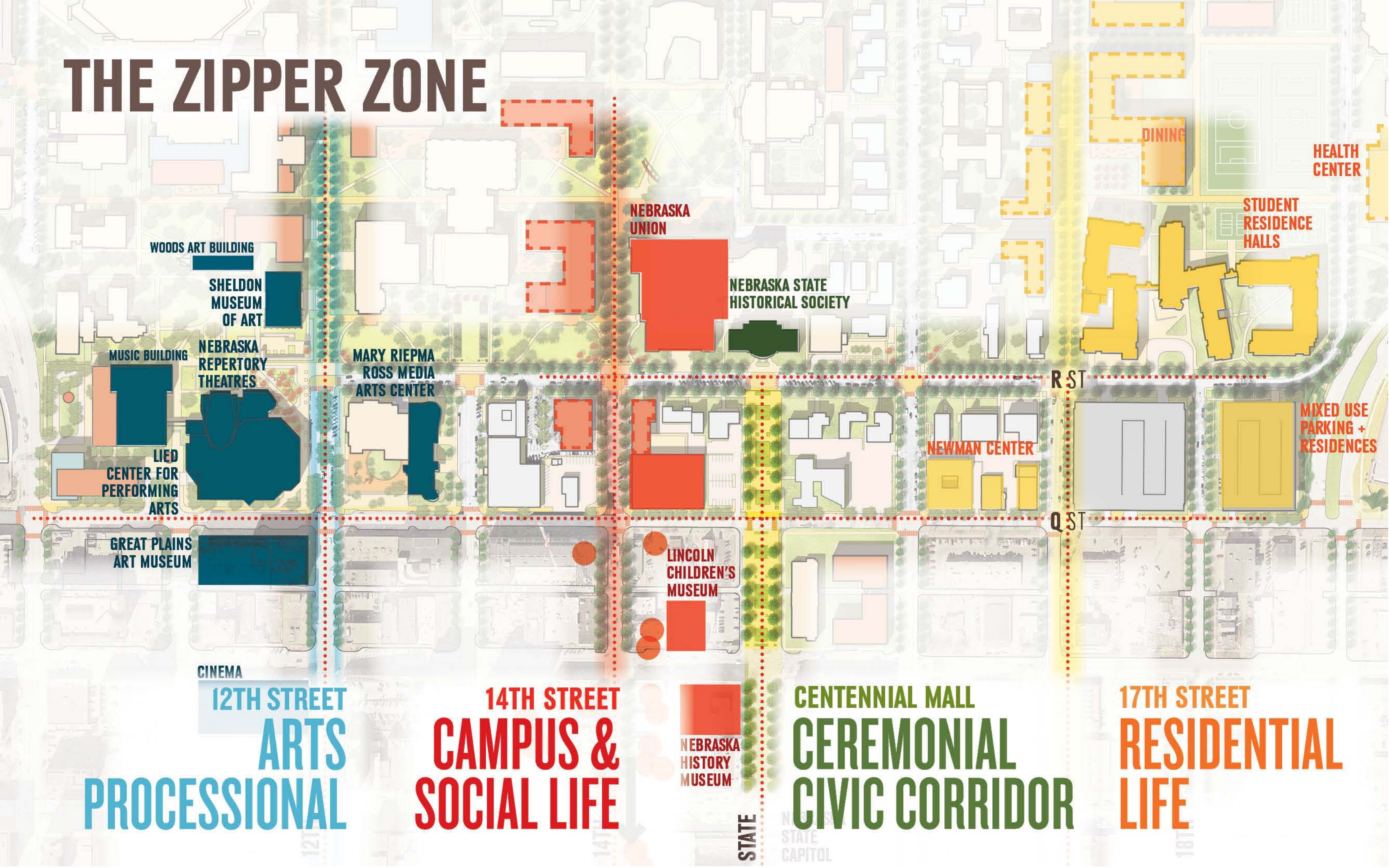
14TH

CENTENNIAL MALL

18TH

17TH STREET
RESIDENTIAL
LIFE

THE ZIPPER ZONE



WOODS ART BUILDING

SHELDON
MUSEUM
OF ART

NEBRASKA
REPERTORY
THEATRES

MUSIC BUILDING

LIED
CENTER FOR
PERFORMING
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GREAT PLAINS
ART MUSEUM

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ARTS
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MARY RIEPMA
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NEBRASKA
UNION

NEBRASKA STATE
HISTORICAL SOCIETY

LINCOLN
CHILDREN'S
MUSEUM

NEBRASKA
HISTORY
MUSEUM

STATE

CENTENNIAL MALL
CEREMONIAL
CIVIC CORRIDOR

R ST

Q ST

NEWMAN CENTER

DINING

HEALTH
CENTER

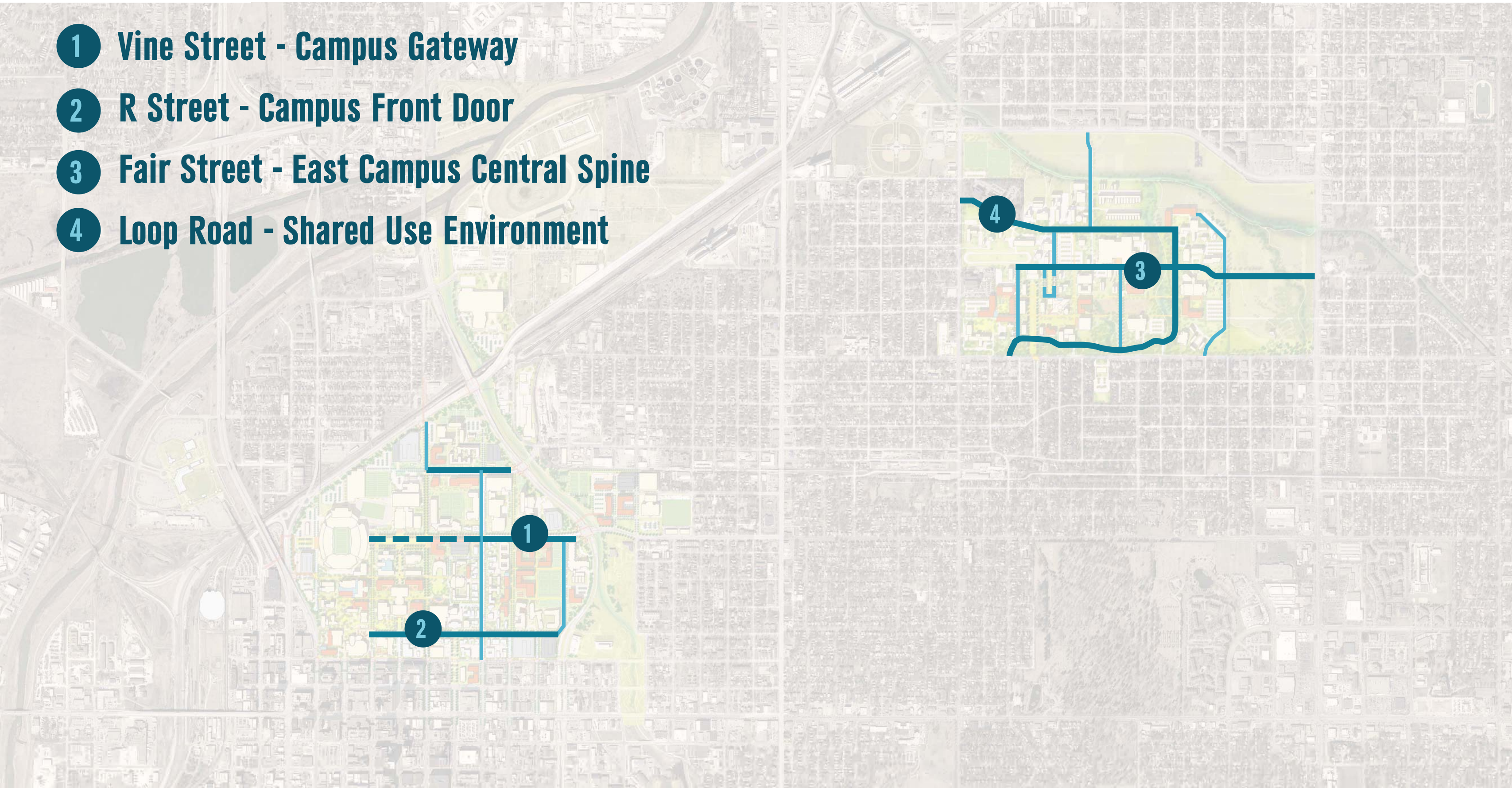
STUDENT
RESIDENCE
HALLS

MIXED USE
PARKING +
RESIDENCES

17TH STREET
RESIDENTIAL
LIFE

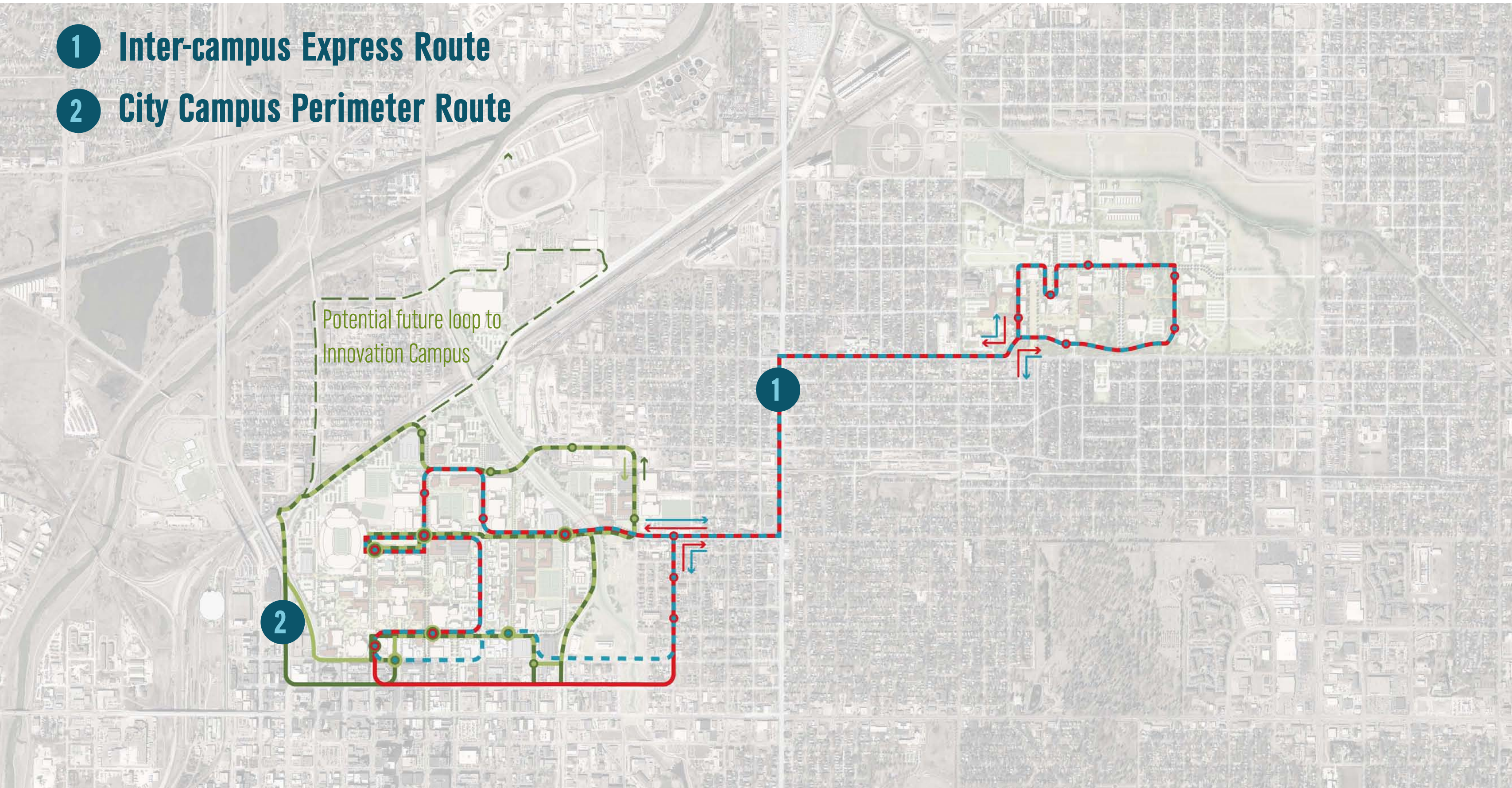
CAMPUS MOBILITY: COMPLETE STREETS

- 1 Vine Street - Campus Gateway
- 2 R Street - Campus Front Door
- 3 Fair Street - East Campus Central Spine
- 4 Loop Road - Shared Use Environment



CAMPUS MOBILITY: SHUTTLE ROUTES

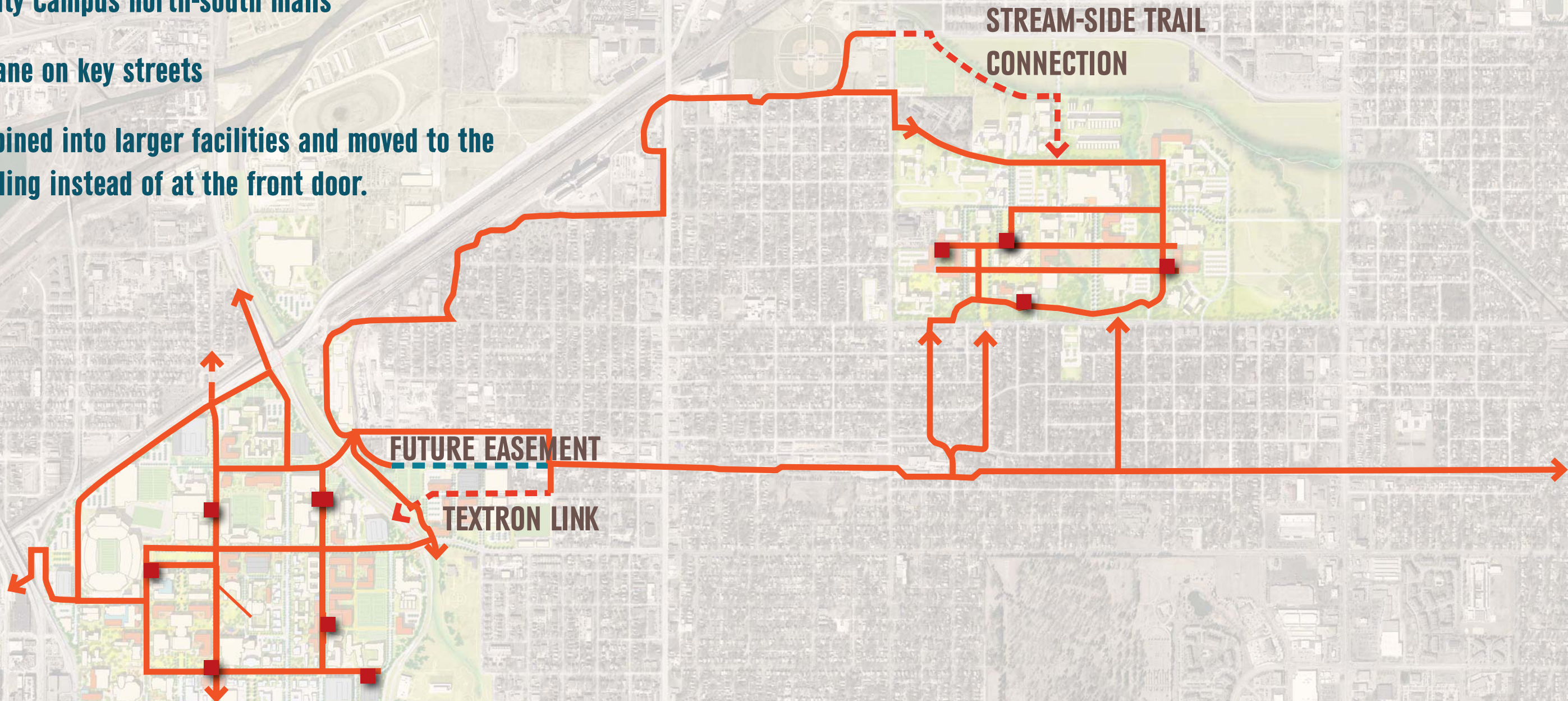
- 1 Inter-campus Express Route
- 2 City Campus Perimeter Route

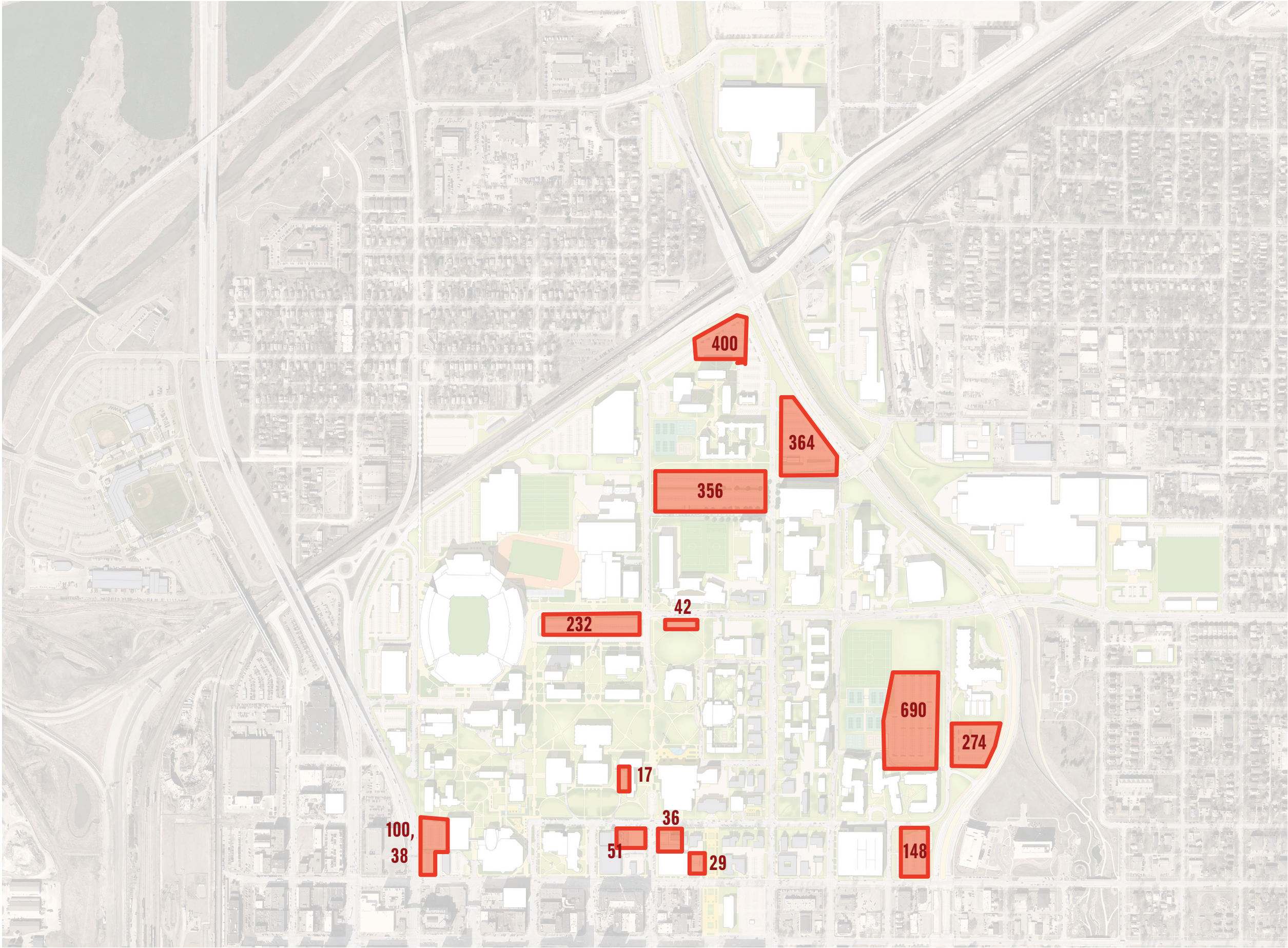


CAMPUS MOBILITY: BIKE TRAILS + FACILITIES

BIKE FACILITY PRINCIPLES

- 1 Bike trails on City Campus north-south malls
- 2 Exclusive bike lane on key streets
- 3 Bike racks combined into larger facilities and moved to the side of the building instead of at the front door.





CITY CAMPUS

DISPLACED PARKING

LOT #	# DISPLACED SPACES
6	100
7	38
22	232
27	51
29	17
30	36
31	29
40	42
43	356
46	401
55	364
65	690
70	148
71	274
SUM	2,778



PROPOSED PARKING

NEW GARAGES ON CITY
CAMPUS COULD ACCOMMODATE
APPROXIMATELY 3100 CARS

LARGE SURFACE LOTS HAVE BEEN
REMOVED FROM KEY DEVELOPMENT
SITES AND RETAINED AT EDGES



1 VINE STREET - EAST OF 16TH








										
	10'	9'	6'	11'	11'	11'	6'	9'	10'	
varies			45'					varies		

EXISTING

2 R STREET



											
	7'	10.5'	10'	5'	11'	11'	5'	10'		12.5'	7'
Varies			52'						Varies		



EXISTING

3 FAIR STREET - EAST CAMPUS









								
	5'	5'	6'	11'	11'	6'	11'	
Varies	34'						Varies	

EXISTING



4 EAST CAMPUS LOOP



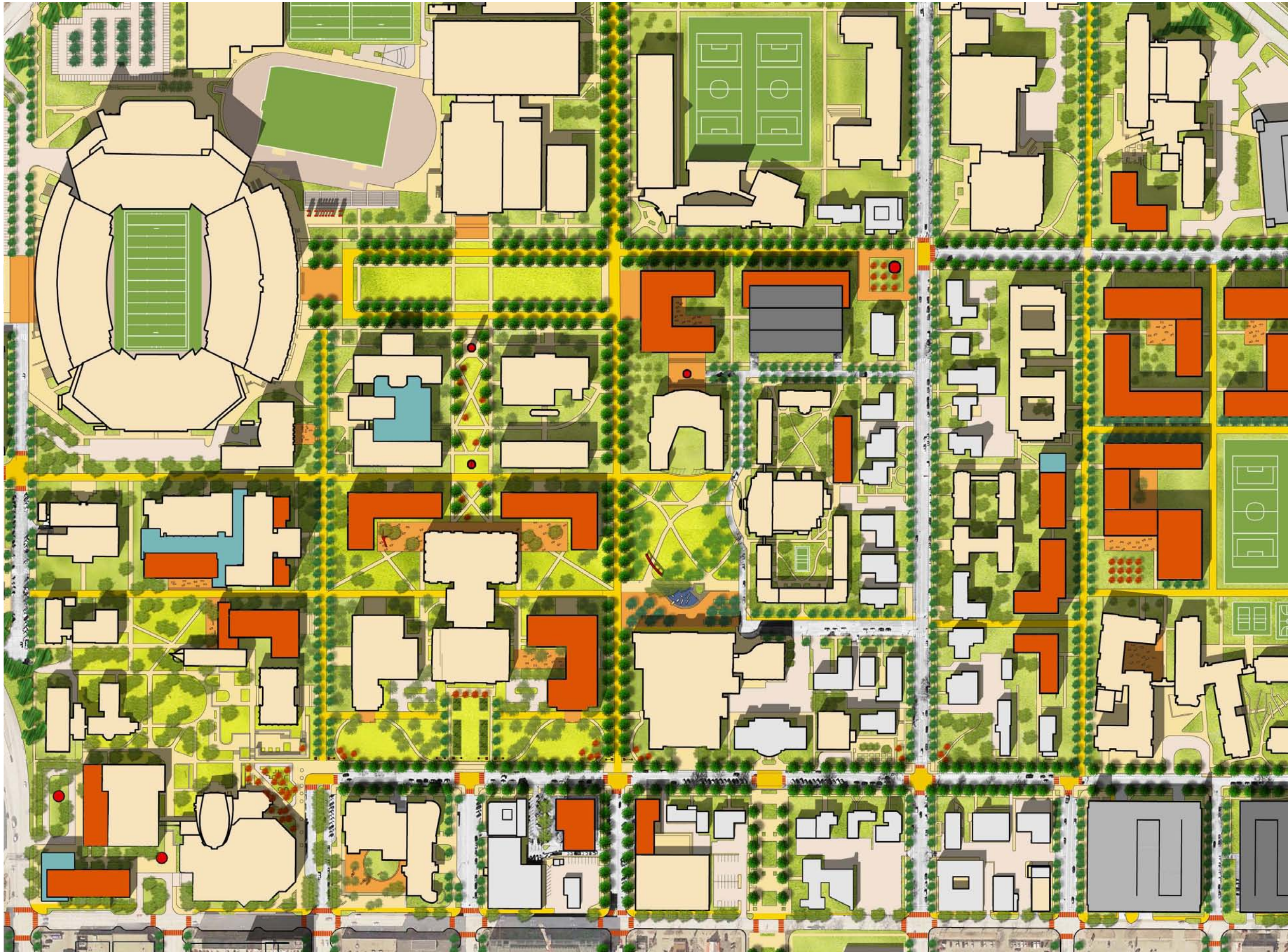
						
	6'	11'	11'	6'	10'	10'
Varies	34'				Varies	

THINKING BIG

LEARNING ENVIRONMENTS

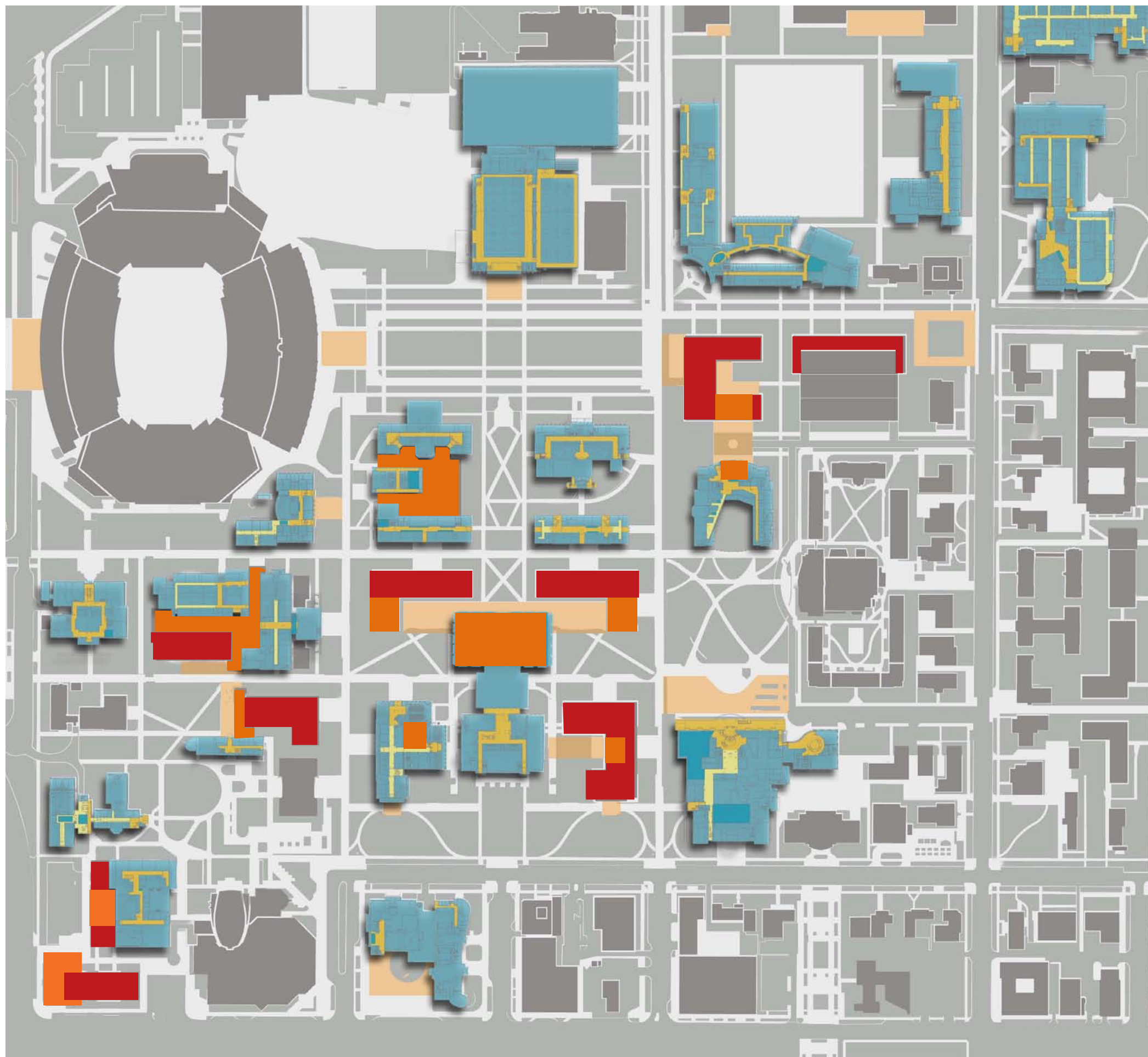
**“NEBRASKANS RECOGNIZE THE IMPORTANCE OF THE
UNIVERSITY IN BUILDING A 21ST CENTURY ECONOMY,
BOTH THROUGH THE CULTIVATION OF TALENTED YOUNG
PEOPLE AND THE INNOVATION OF OUR FACULTY.”**

CHANCELLOR PERLMAN, STATE OF THE UNION



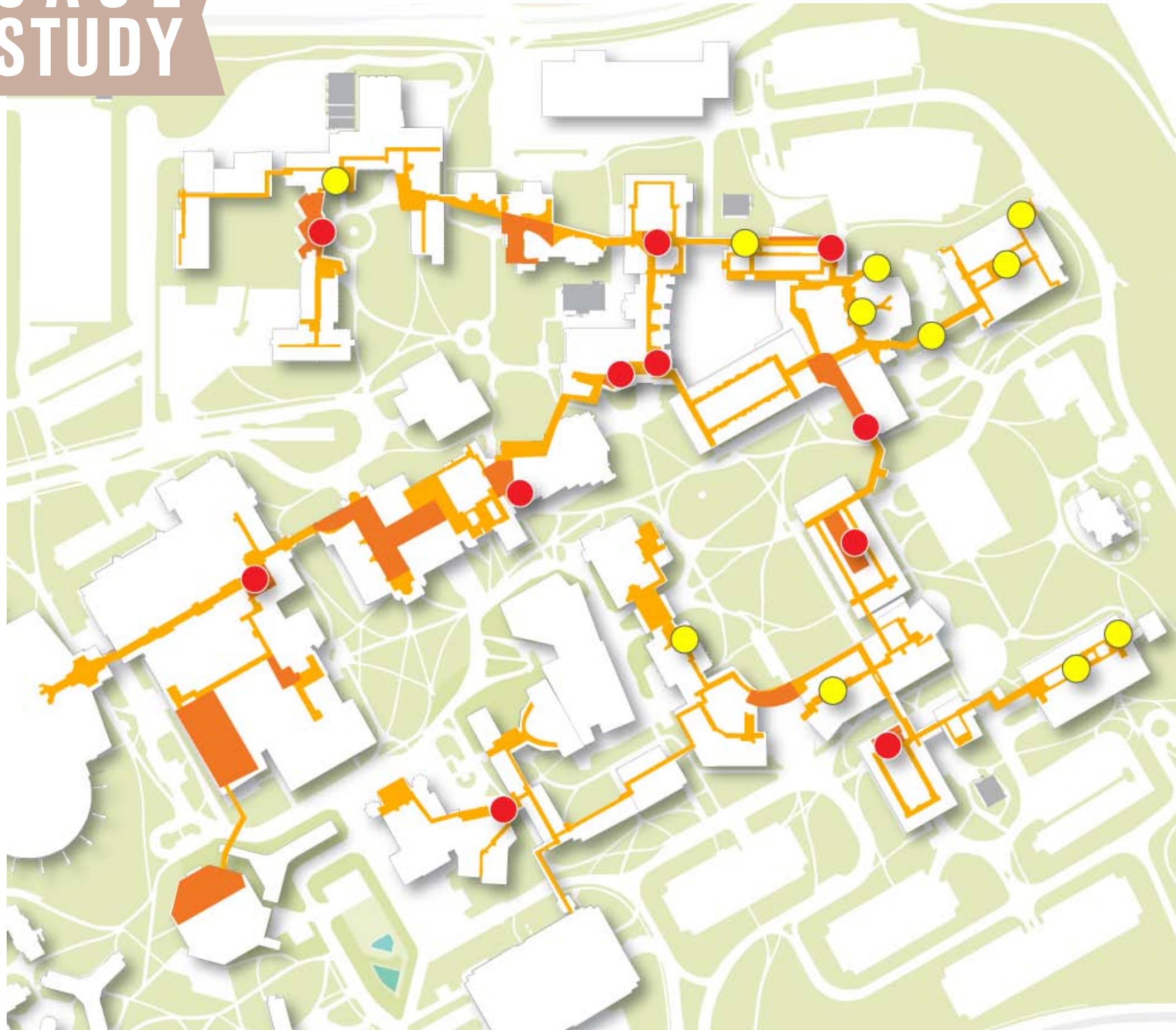
CITY CAMPUS ACADEMIC CORE

CITY CAMPUS INTERIOR AND EXTERIOR RELATIONSHIPS



- PROPOSED BUILDING
- PROPOSED COLLABORATIVE SPACE
- PROPOSED PLAZA
- EXISTING CIRCULATION
- EXISTING ACADEMIC OR STUDENT LIFE BUILDING

CASE STUDY



UNIVERSITY OF CALGARY TAKE YOUR PLACE INITIATIVE

- In celebration of the University's 40th Anniversary
- "Take Your Place" experiential learning project engaged students to redesign 40 campus places
- Spaces are repurposed as social and learning environments
- Spaces chosen are interior gathering places to mitigate Calgary's winter climate

- COMPLETED
- IN DEVELOPMENT
- INTERNAL CORRIDOR
- SOCIAL SPACES

CASE STUDY

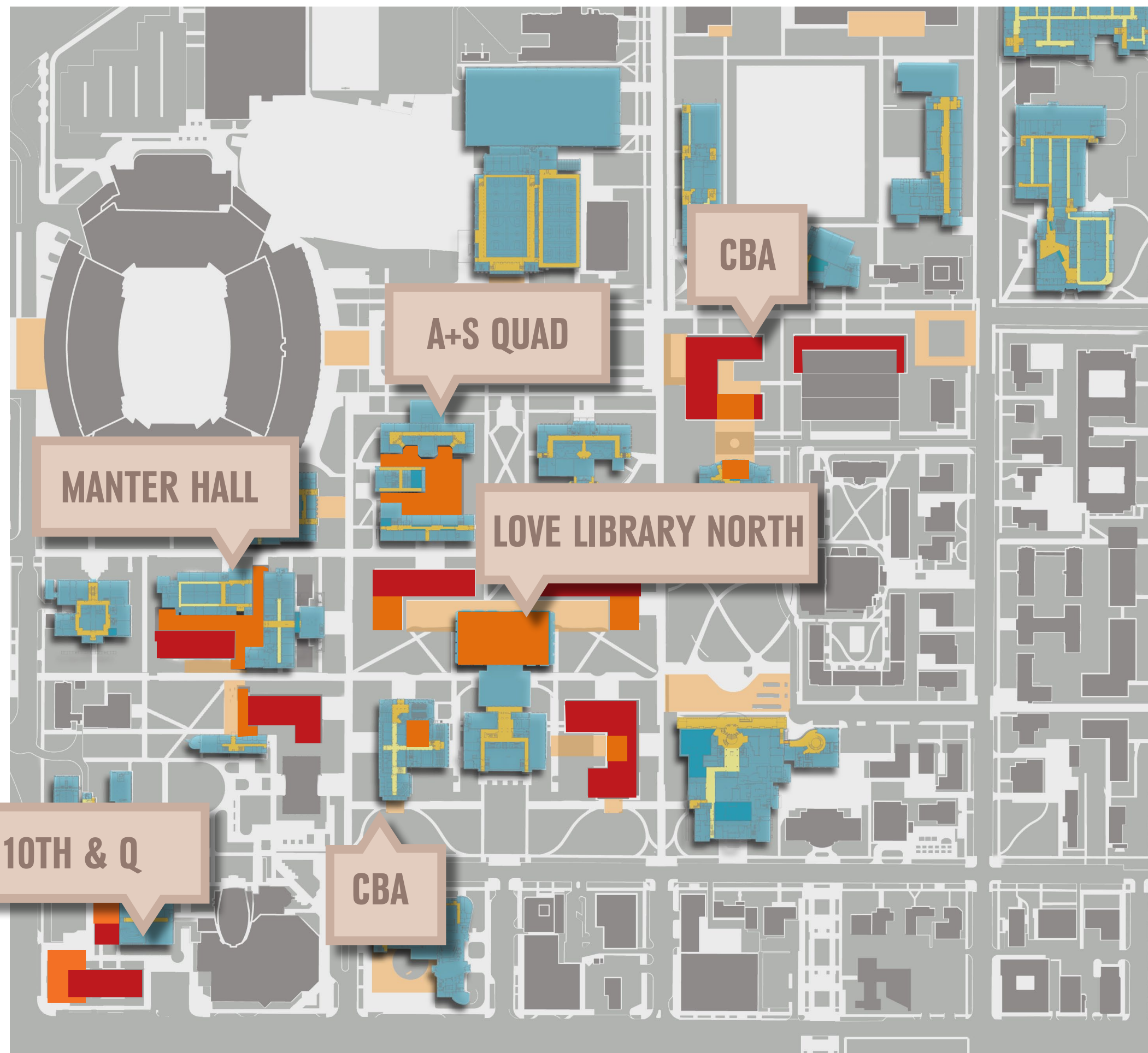


KINESIOLOGY ATRIUM, U CALGARY



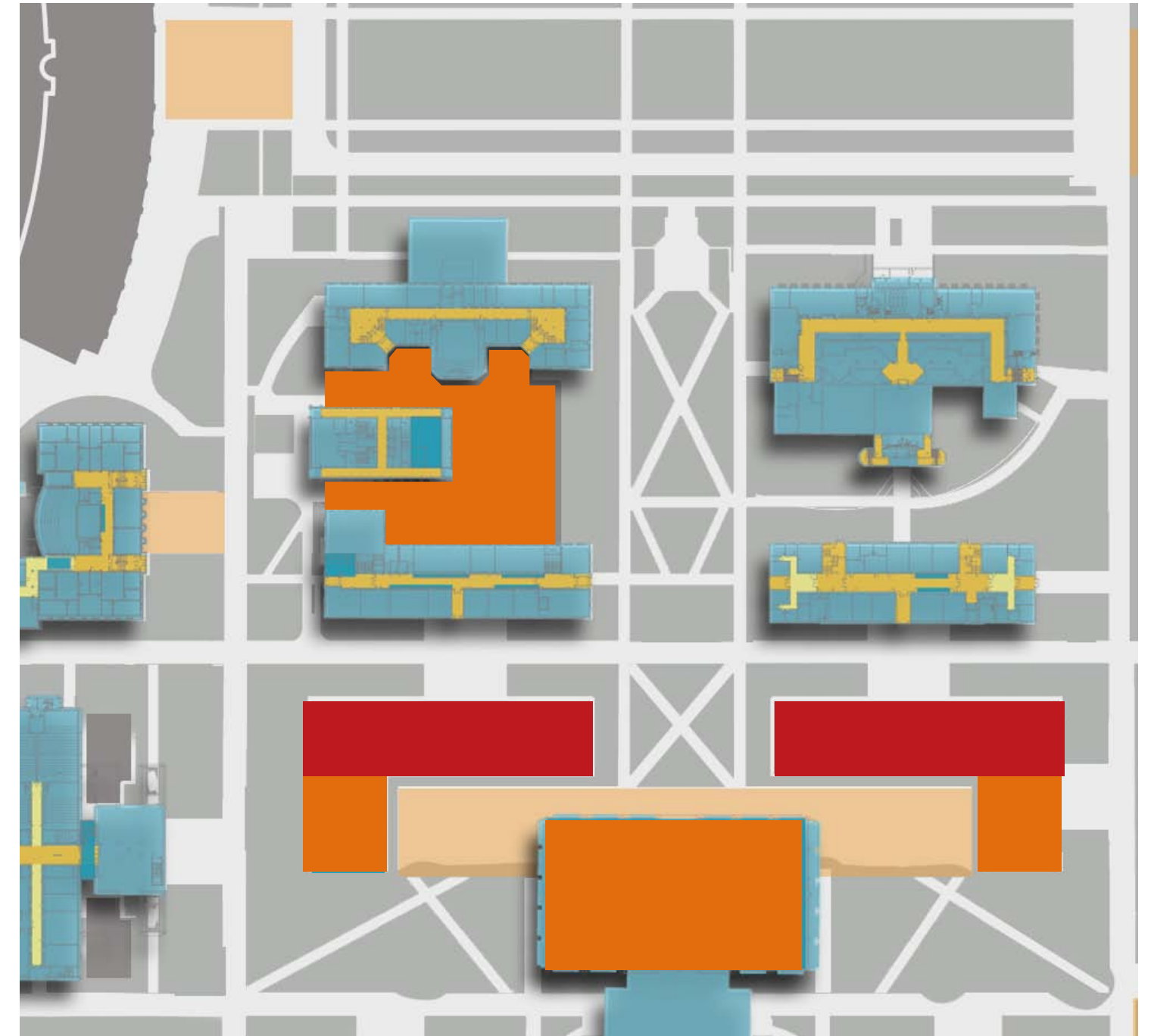
PEPSI LOUNGE, U CALGARY

CITY CAMPUS EARLY OPPORTUNITIES



- PROPOSED BUILDING
- PROPOSED COLLABORATIVE SPACE
- PROPOSED PLAZA
- EXISTING CIRCULATION
- EXISTING ACADEMIC OR STUDENT LIFE BUILDING

OLDFATHER-BESSEY-BURNETT DISTRICT



LOVE LIBRARY

TODAY



LOVE LIBRARY LEARNING COMMONS



LOVE LIBRARY LEARNING COMMONS



EAST CAMPUS ACADEMIC CLUSTERS

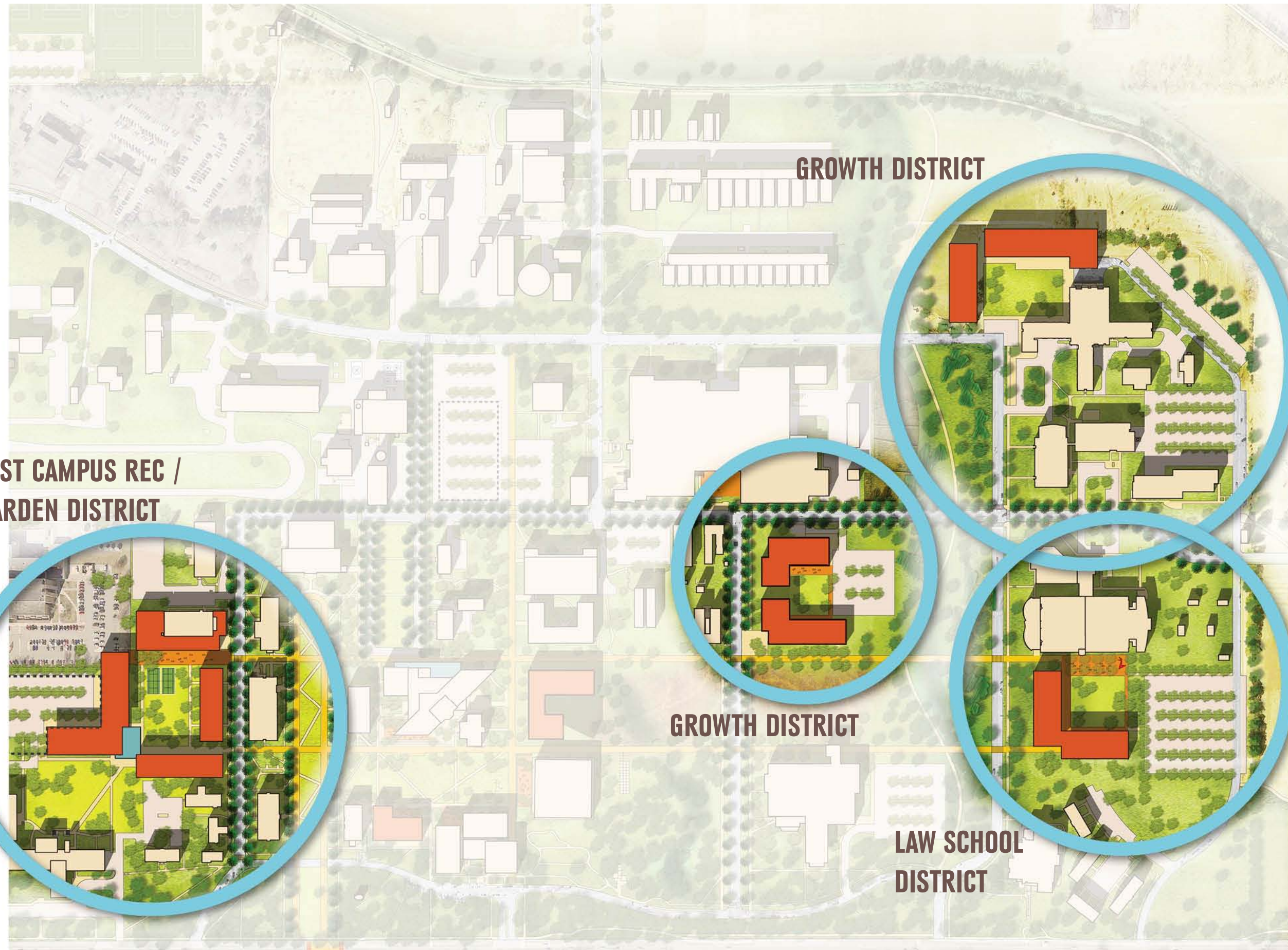
- Future development is clustered with existing buildings to create collaborative program clusters
- Landscape courtyards encourage cross-building interaction

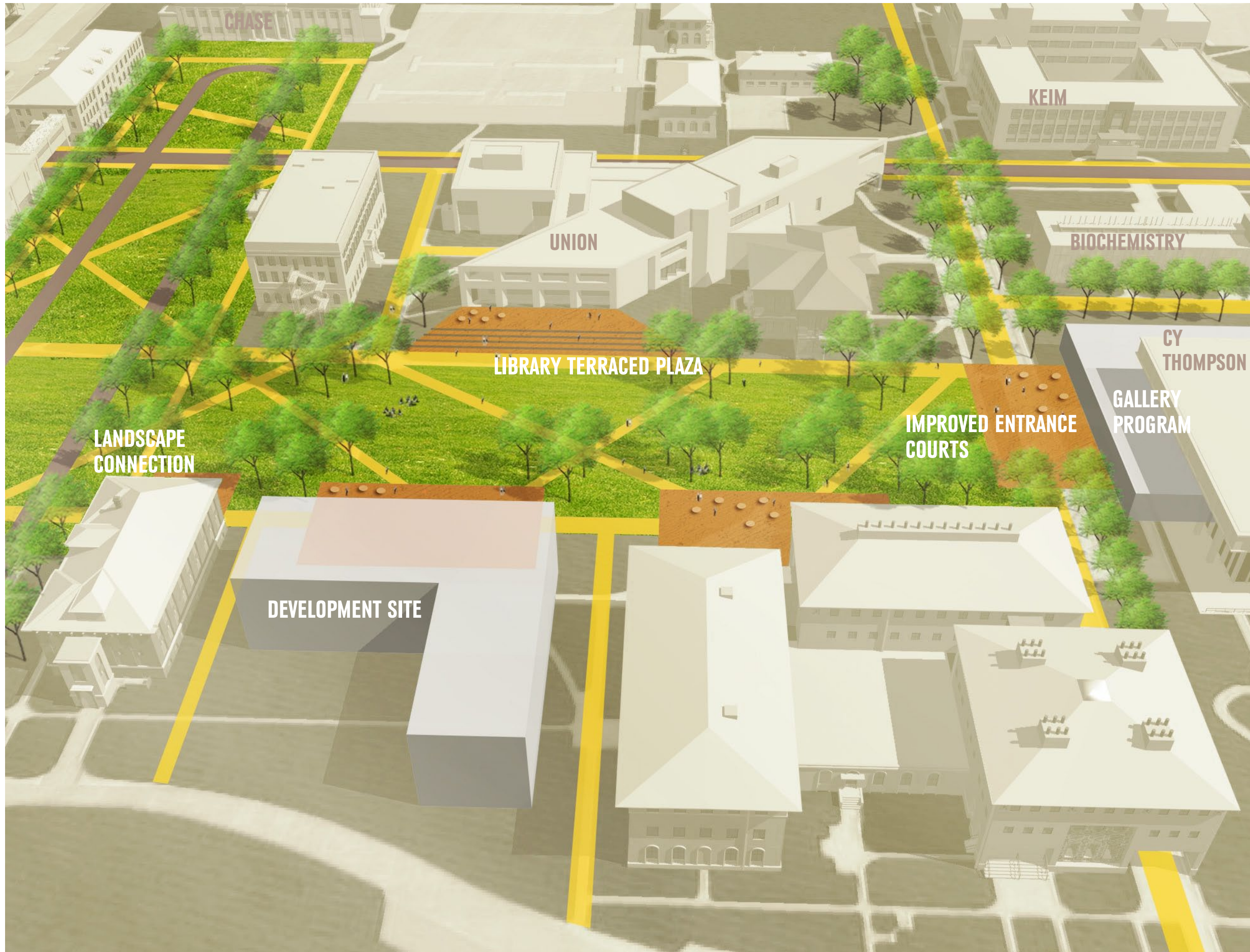
EAST CAMPUS REC /
HARDEN DISTRICT

GROWTH DISTRICT

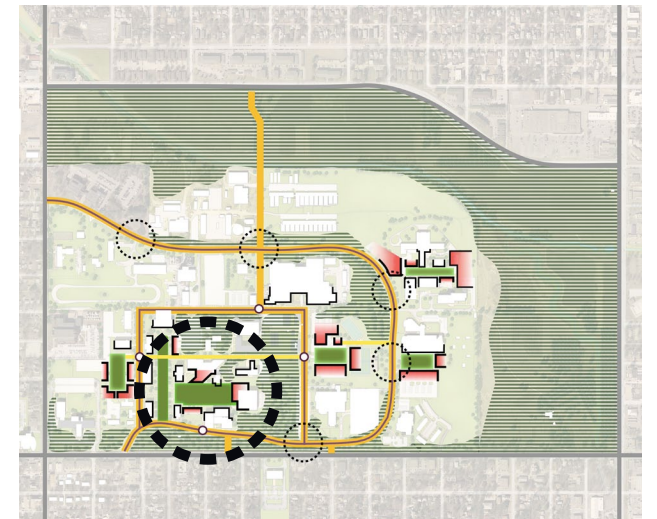
GROWTH DISTRICT

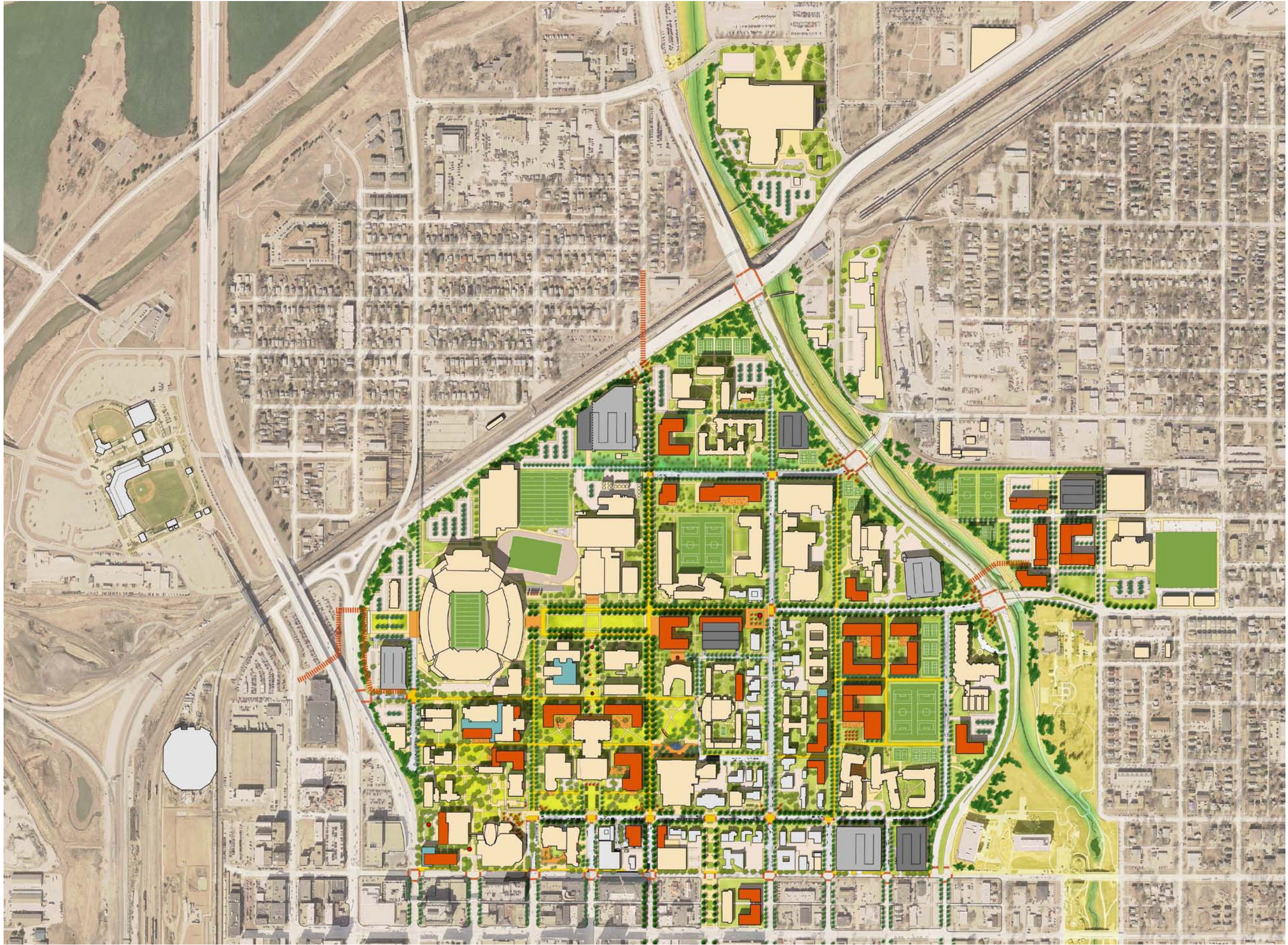
LAW SCHOOL
DISTRICT





EAST PRECINCTS





**CITY CAMPUS
MASTER PLAN**



**EAST CAMPUS
MASTER PLAN**

THANK YOU
