

Achieving a Vision

Master Plan 2009
Defining the Strategic Vision:
a 20 year View of the Future

Belknap Campus

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Belknap Campus Master Plan

Background

- HSC Master Plan - \$2.3 b plan
 - Haymarket ⇔ UofL
 - Business plan for implementation
 - TIF
- ShelbyHurst
 - Master plan developed by consultants
 - Rejection of Business Plan by BOT
 - Start over – role of ULF

And now time



Belknap Campus Master Plan

- Nearly 15 years since last plan
- Pre Reform
- Much has changed
 - Focus on quality undergraduate education
 - Student recruitment
 - Campus life
 - Student successes
 - Research
 - Funded
 - Translational
 - Community
 - Good Neighbor
 - Engagement

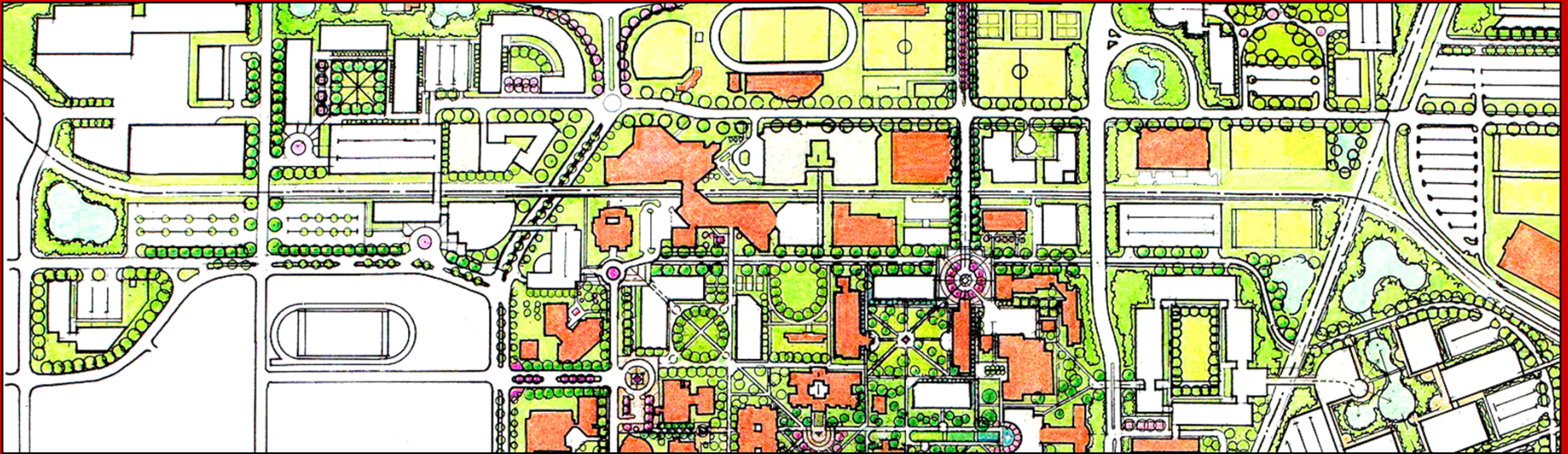


Process

- Consultants
- Lots of discussion
 - Campus
 - Community
- Identify costs/business plan
 - Tie to financing model
 - TIF II

Ideas form the basis of the Plan

1. Illustrations convey concepts not solutions
2. Provides a future twenty year plus view of campus
3. Every project needs to support and contribute to the overall campus
4. Deals with the physical campus – no space assignments or calculations
5. Offers a coordinated and comprehensive perspective
6. Building projects need to include site improvements as well



Anticipated Belknap Campus Space Target

*Kentucky Postsecondary Education System
Facility Condition and Space Study, 2007*

Existing Space	2,480,000 gsf
Master Plan Space Target	3,030,860 gsf
2020 Space Need Projection	4,112,434 gsf
New Planned Space Health Science (excluding patient care)	- 1,487,000 gsf
Space added since 2007 study (Belknap Research, Library Addition, Cressman Center, and Cardiovascular Innovation Institute)	- 260,074 gsf
Existing buildings to be taken off line	+ 665,500 gsf
Total 2009 Master Plan Space Target (existing and proposed space)	5,510,850 gsf

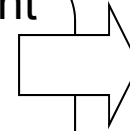
Figures do not include auxiliary enterprises - parking, athletics, or housing

Achieving Future Space Needs

1. Off Campus Acquisition and Development

2. Increase Core Efficiencies

- Increase building size
- Position buildings more efficiently
- Utilize parking decks/increase transit
- Remove inefficient buildings



North
Campus

1

East
Campus

Core

3

Athletic/
Recreation Areas

5

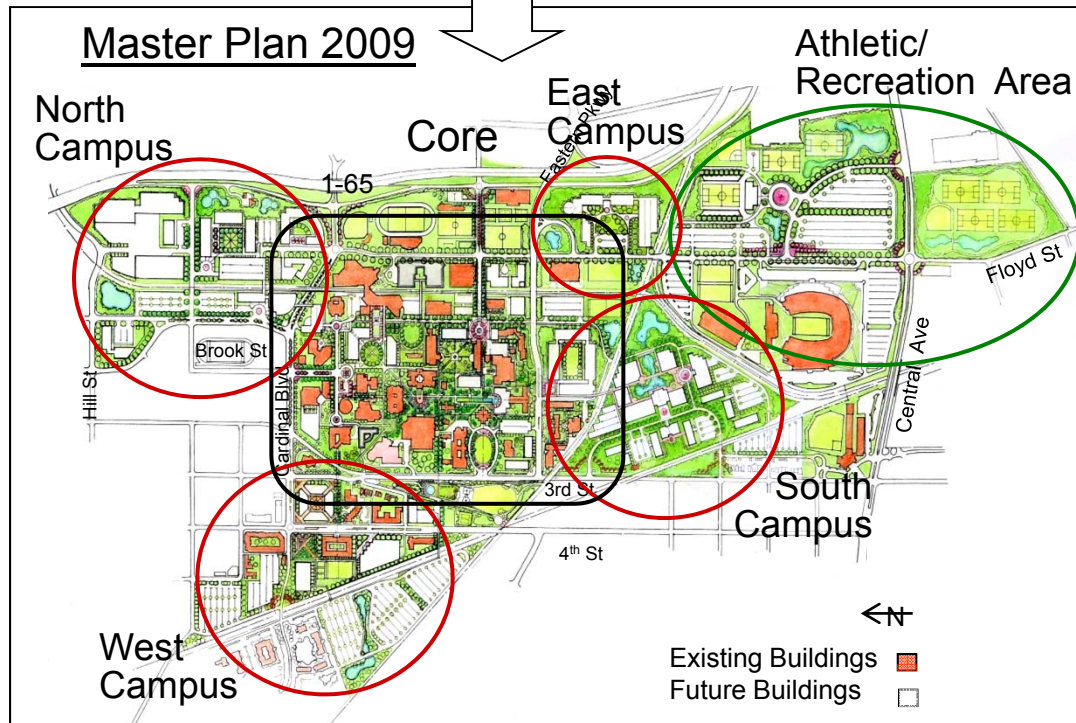
4

South
Campus

2

West
Campus

Master Plan 2009

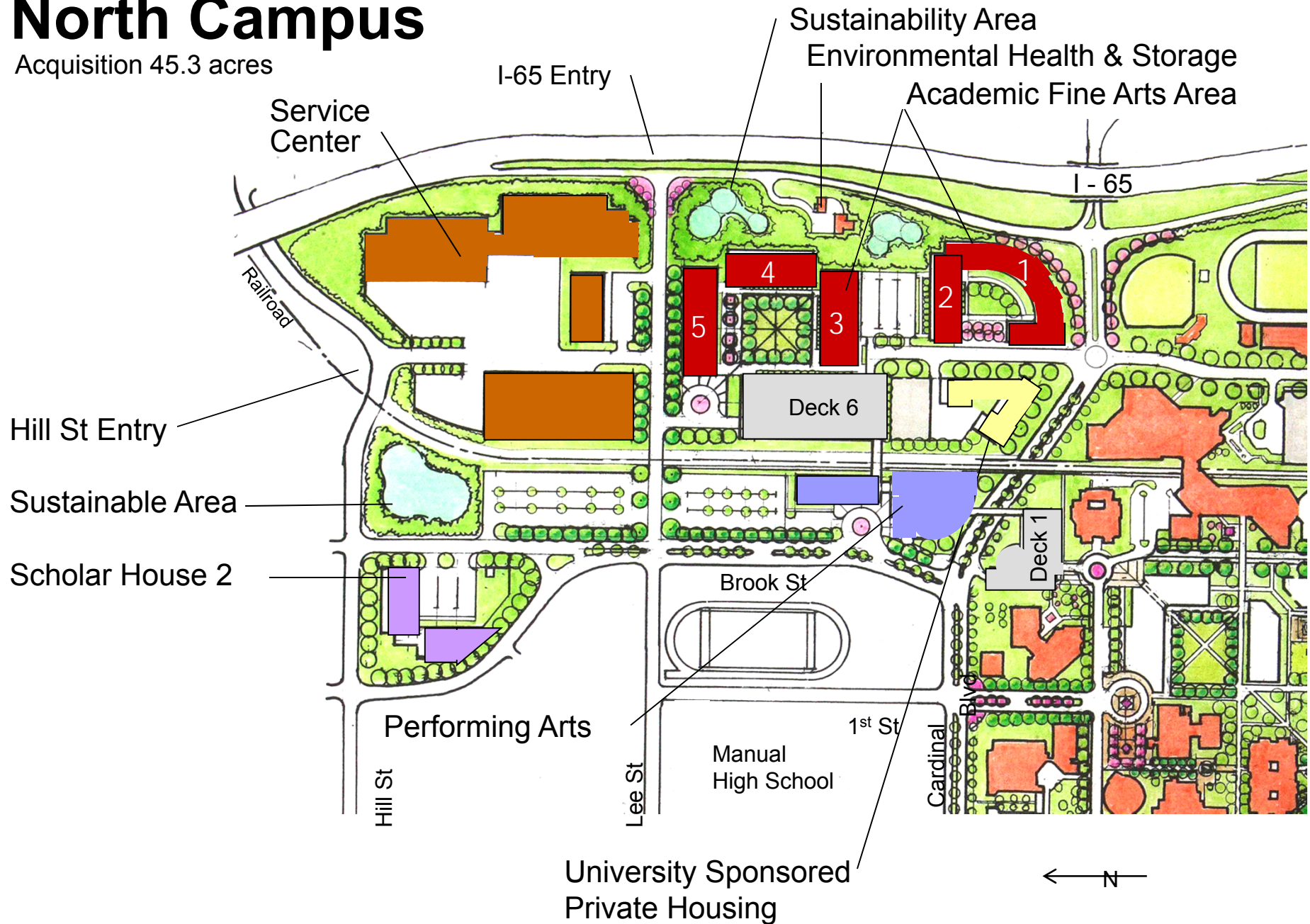


North Campus - North of Cardinal Blvd



North Campus

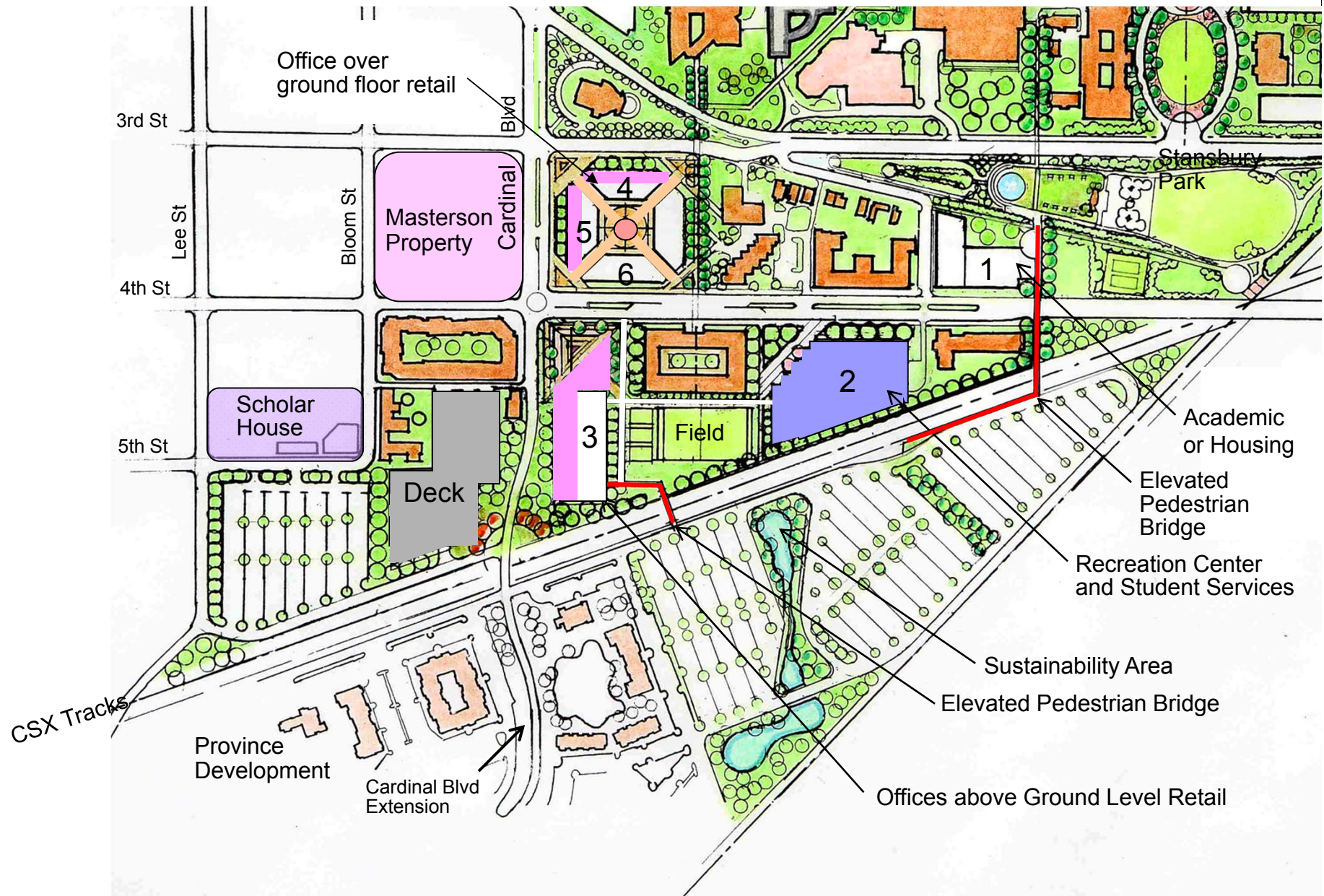
Acquisition 45.3 acres



West Campus - West of 3rd St



West Campus - West of 3rd St



East Campus - South of Hahn St



East Campus - South of Hahn

Special Use Area

Academic/Office/Research

Total 373,300 gsf

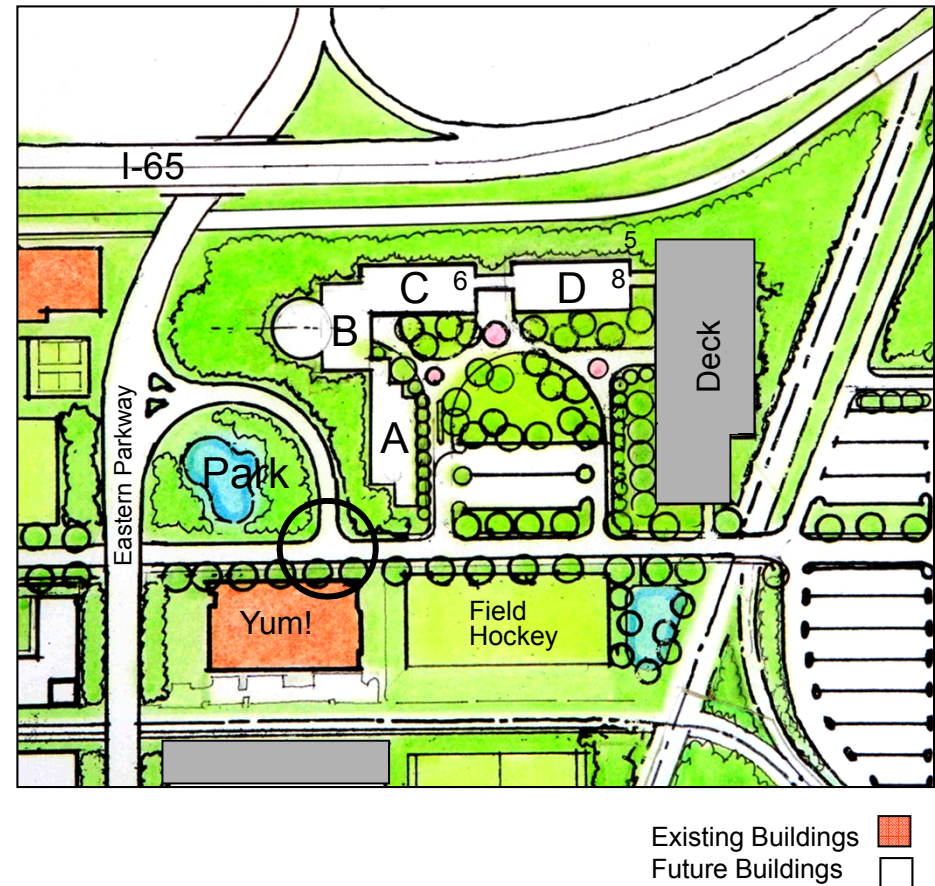
Parking 1,130 spaces

+1,050 deck spaces
+ 80 surface spaces

Acreage +16.8 acres



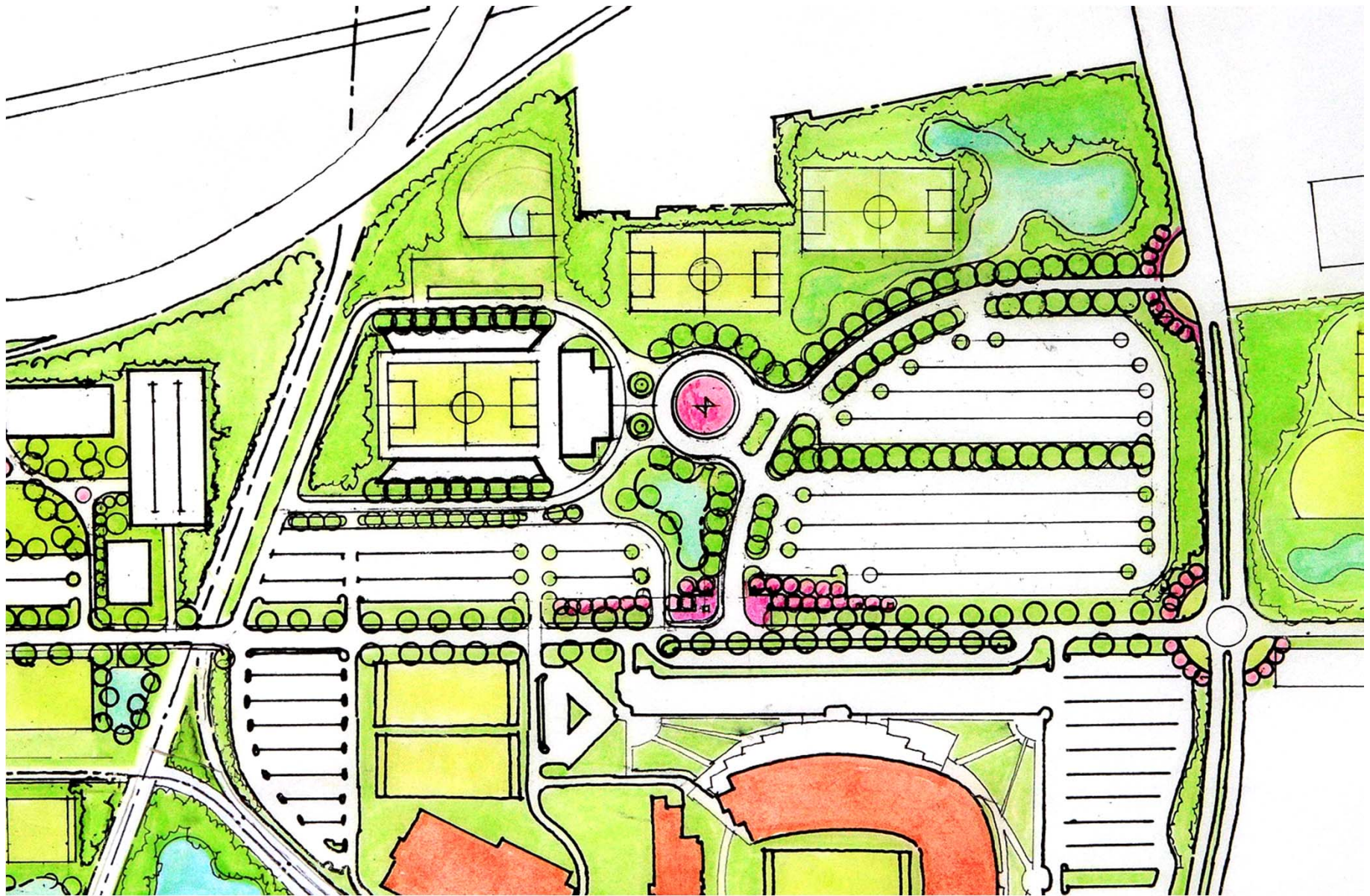
This site is well suited for nano research activities



Athletic and Recreation Areas - North and South of Central Ave



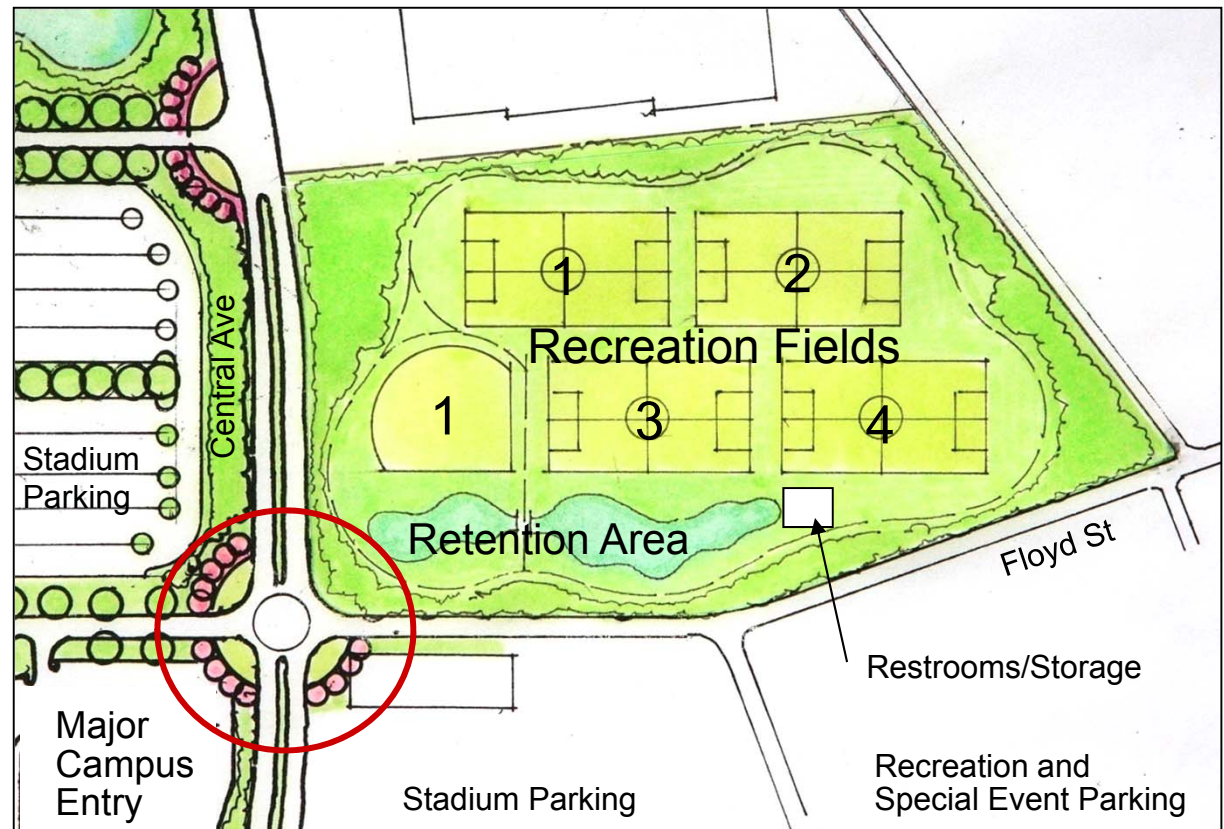
Athletic Area - North of Central Ave



Recreation Area - South of Central Ave

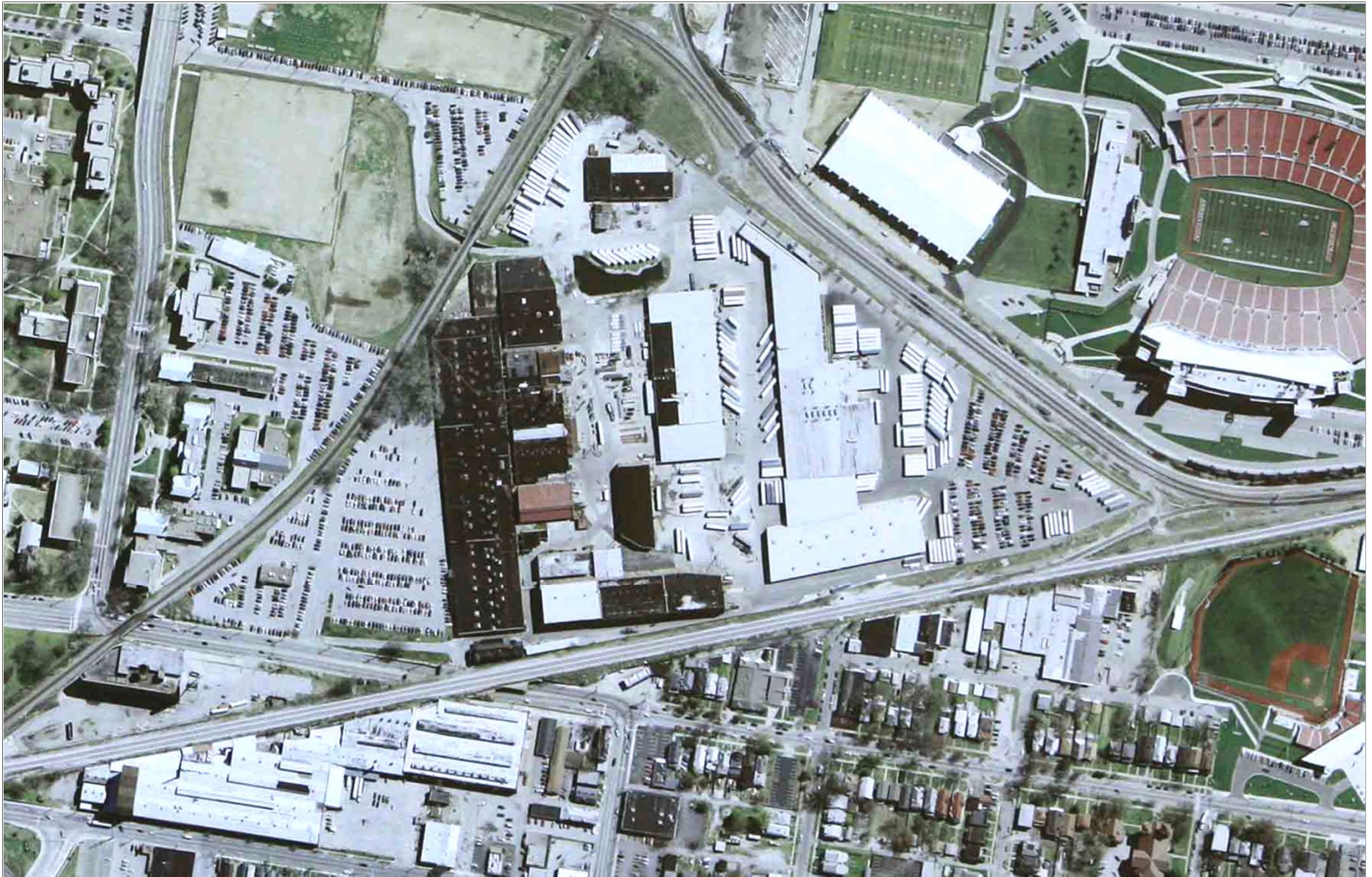


Proposed 4th St Recreation Center



- Softball Field (1)
- Multiple Use Fields (4)
- Walking / Biking trail (.7 mile)
- Storage / Restroom Building
- Acquire 20 acres

South Campus / Nucleus South - Former Kentucky Trailer



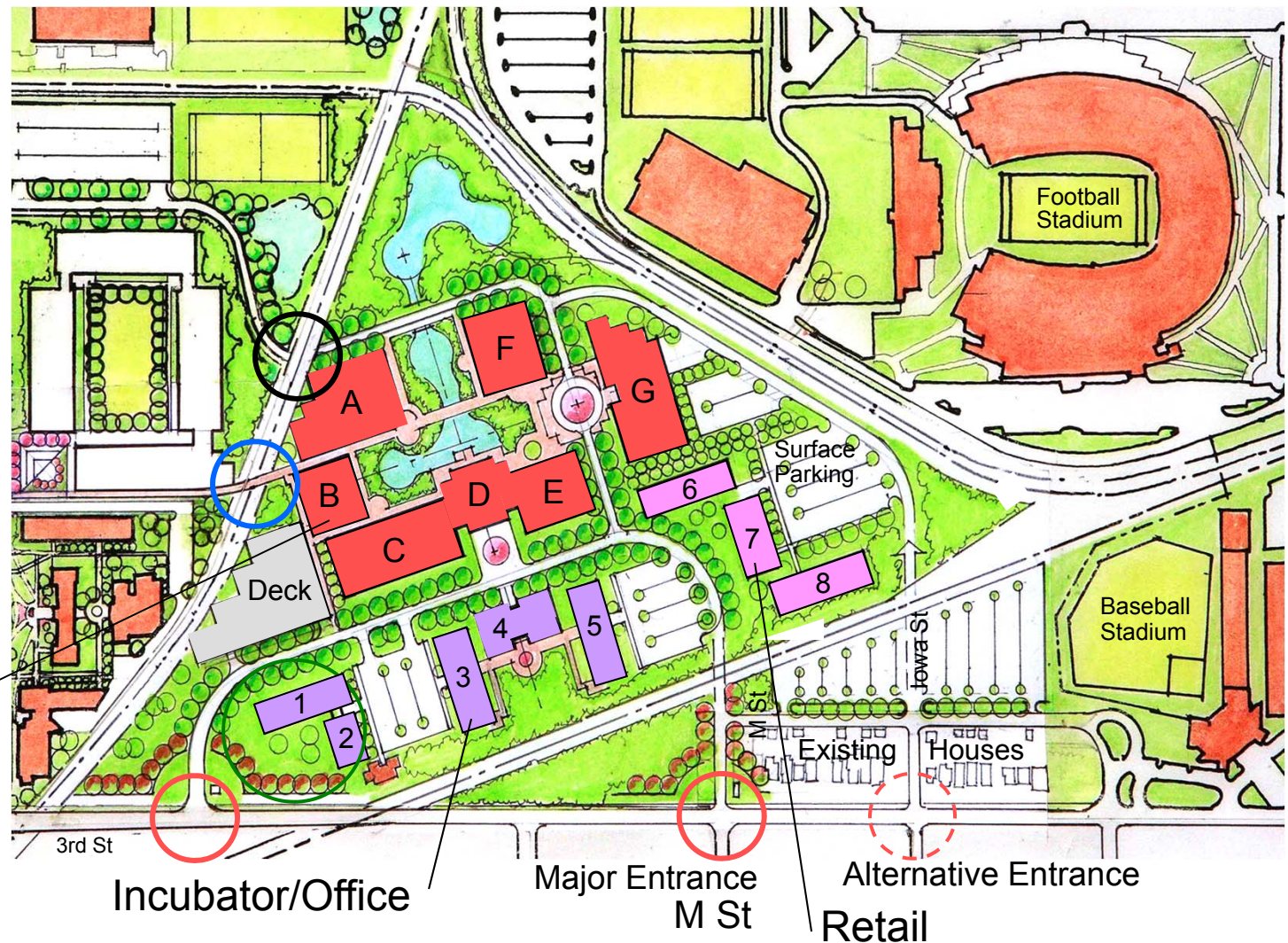
South Campus / Nucleus South

Mixed Use Area

Tunnel ○
Overpass ○
Grade Entry ○

Academic Research
7 buildings
Office Incubator
5 buildings
Retail
3 buildings

Academic/
Research



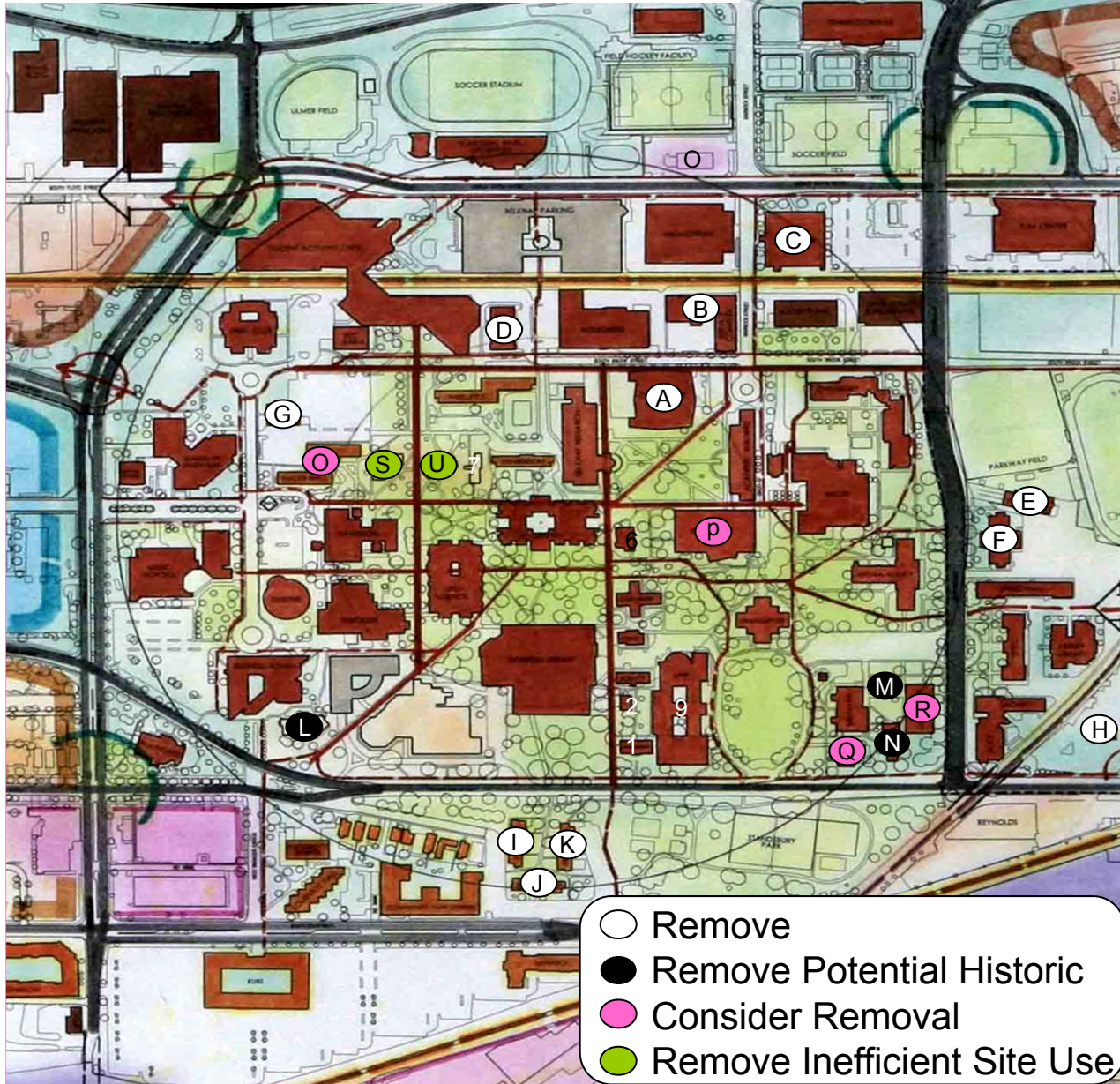
Campus Expansion Summary

* Not included in capacity figures

Location	Acquisition	GSF	Uses
1 North Campus	acres	1,034,000	Academic Support/Service Performing Arts
2 West Campus ^{45.3}	23.26 acres	444,000	Academic/Housing Rec Ctr/Student Office Retail*
3 East Campus	18.06 acres	315,000	Special Use
4 South Campus Former Kentucky Trailer 3 rd St Residential	Owned by UofL Foundation 2.55 acres	652,000	Academic/R Office/Incubator* Retail* Residential*
5 Athletic Facilities Recreation Facilities	acres acres	90,000*	Office* Event Parking* Fields/Stadium* Recreation Fields
6 Main Campus		1,150,000	General
Total	141.44 acres	3,595,000 gsf Increase	



Building Evaluation



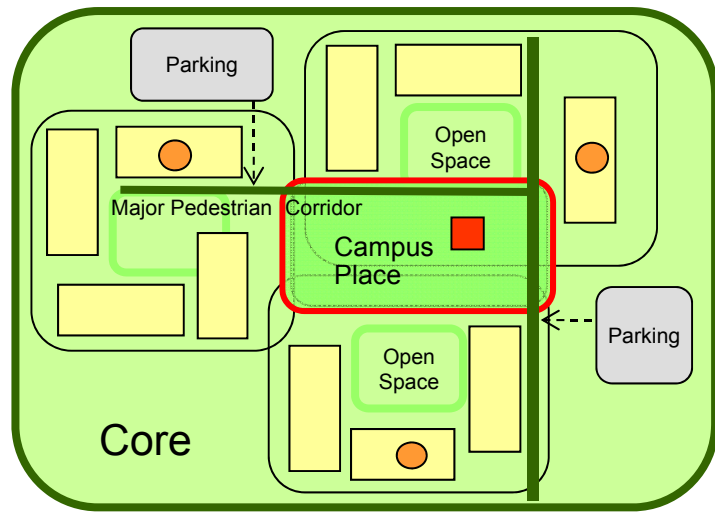
Removals (14)

- A Crawford Gym
- B Service Complex
- C Studio Arts/HPES
- D Student Health & Counseling
- E Parkway Field House
- F Ernst Hall
- G Cultural Center
- H Engineering Graphics
- I West Hall Delta Upsilon
- J Center Hall & Honors
- K Wellness House
- L Robbins Hall
- M Administration Annex
- N Patterson

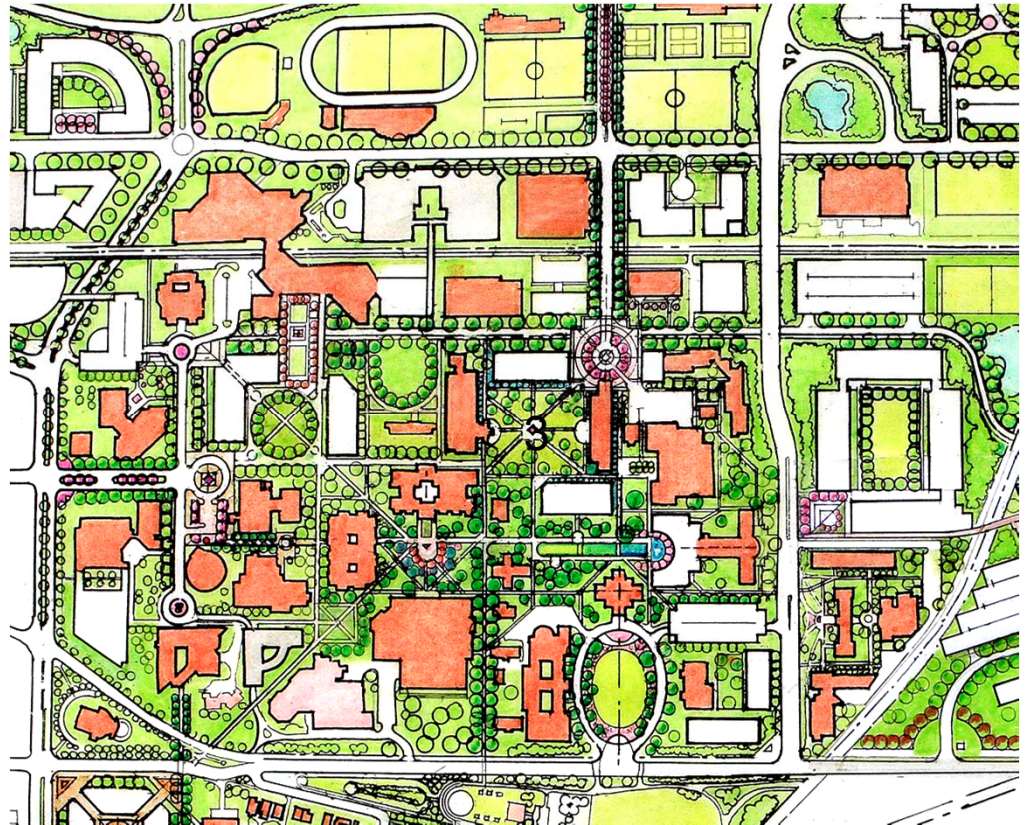
Potential Removals (6)

- O Miller Hall
- P Schneider Hall
- Q McCandless Hall
- R Dougherty Hall
- S Baptist Student Ctr
- T Interfaith Center

Building Placement



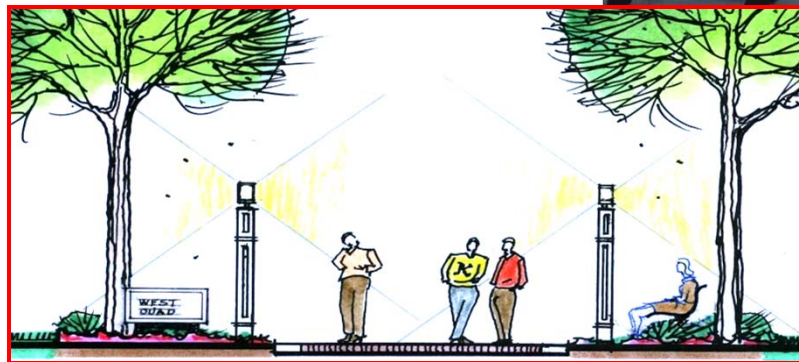
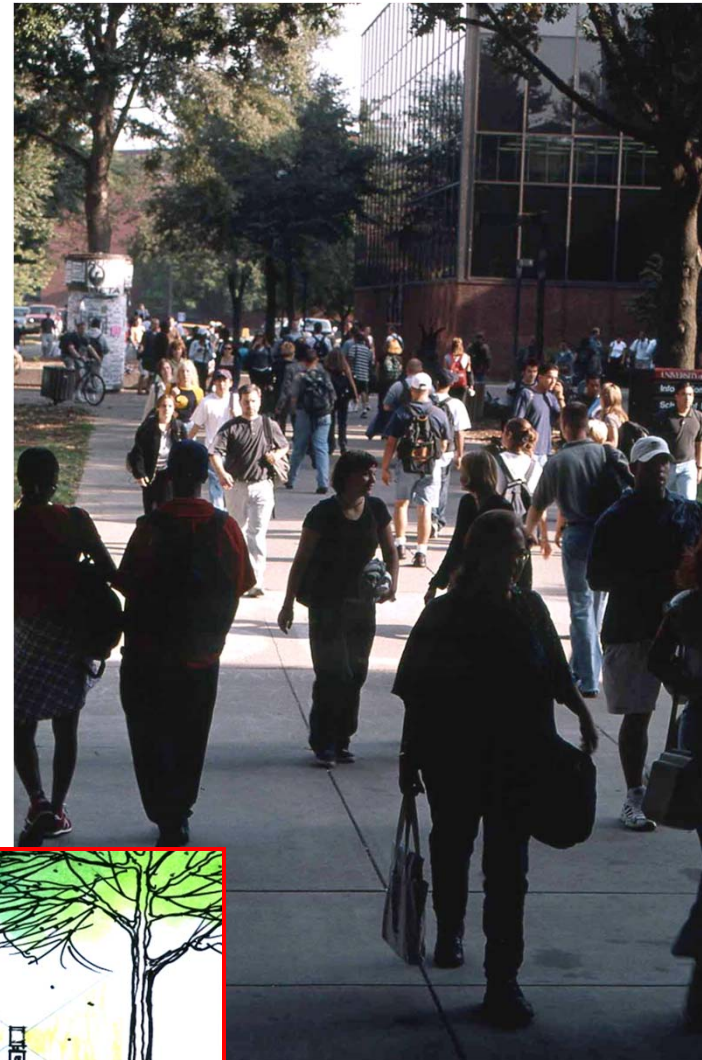
1. Emphasize quadrangles where buildings relate to one another, define space and form neighborhoods
2. Each building should contribute to the quality of the overall campus – not just provide additional space
3. Most (90%) buildings on a university campus are background buildings.
4. Acknowledge and reinforce the campus grid



Each district has its own character, yet together they form a unified campus setting

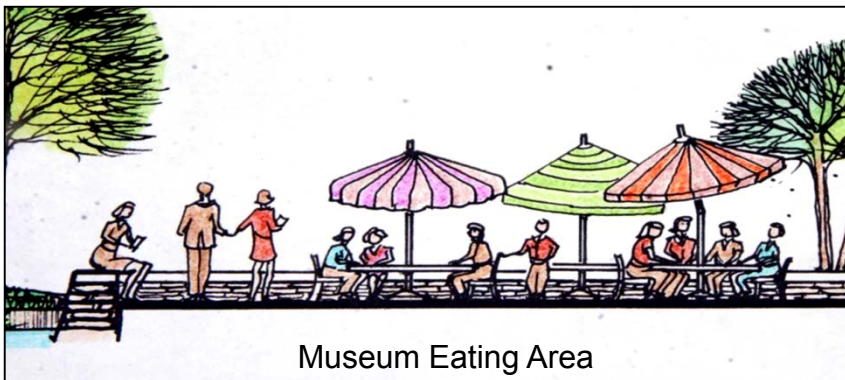
Pedestrian Patterns

1. Maintain a walkable campus
2. Provide convenient, safe and attractive corridors
3. Link the multiple campuses with the central core
4. Create a discernable hierarchy of walkways which reinforce the campus layout
5. Make major pedestrian corridor visually unique
 - Width
 - Materials
 - Site Furnishings
 - Site Elements
 - Site Treatments

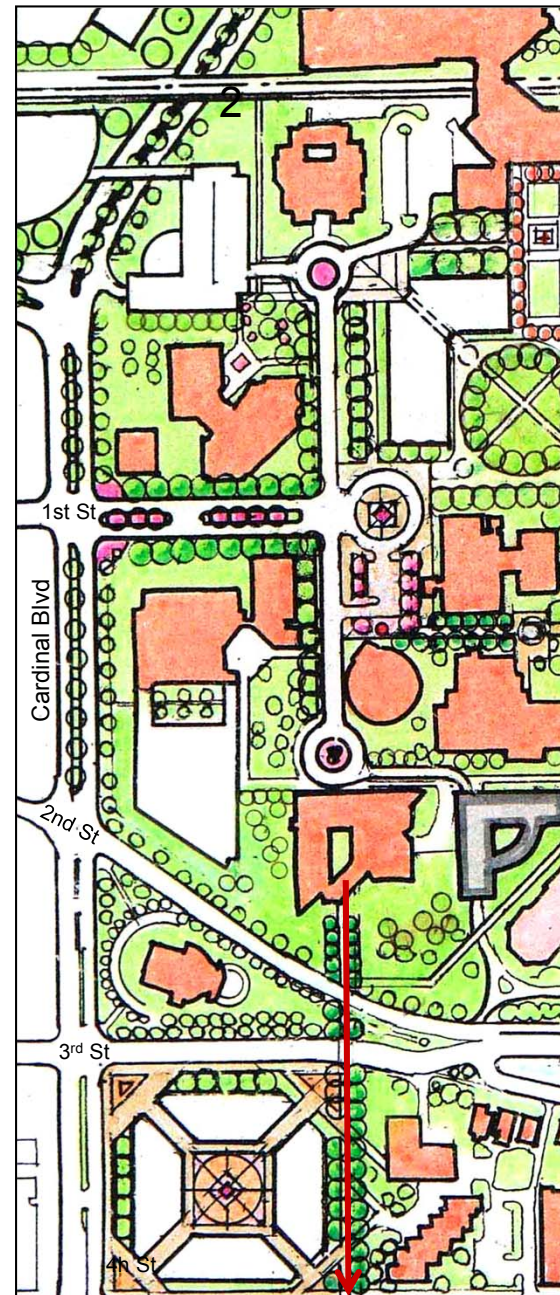


Major Corridor Treatment

Brandeis Corridor

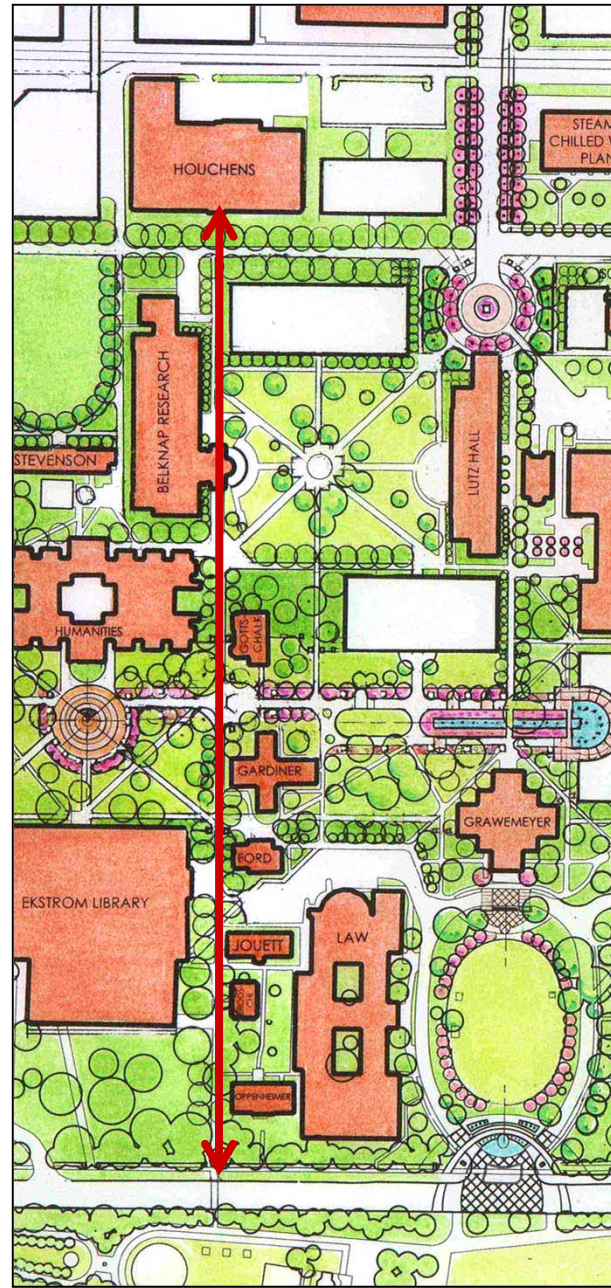


Museum Eating Area



- ① Elevated walkway
- ② Trees line street
- ③ Arrival kiosk
- ④ Center walk
- ⑤ East side deck entry
- ⑥ Single crossing
- ⑦ Conversion of street to walk
- ⑧ Terminates at Kurz Residence Hall

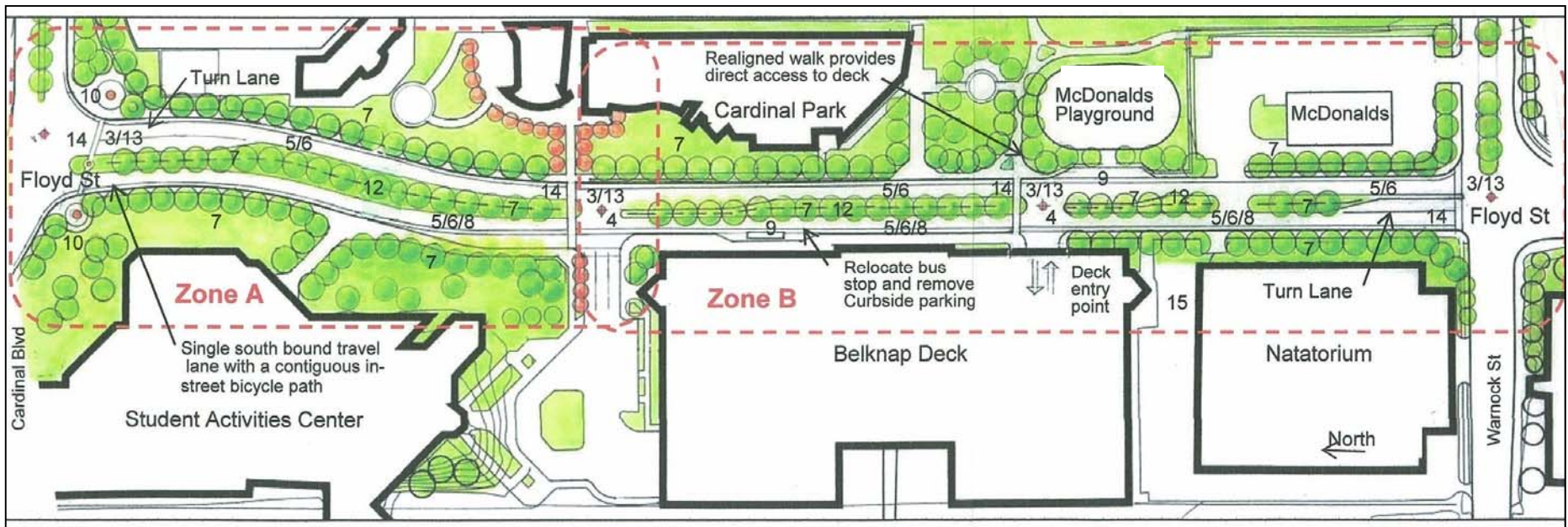
Century Corridor



- ① Terminates at Houchens and intersects Brook Corridor
- ② Upgraded walk: width, materials, furnishings
- ③ Incorporate historic area
- ④ Screen library service dock
- ⑤ Add trees along walk
- ⑥ Visually Distinctive Pedestrian crossing

Improving Pedestrian Safety along Floyd St

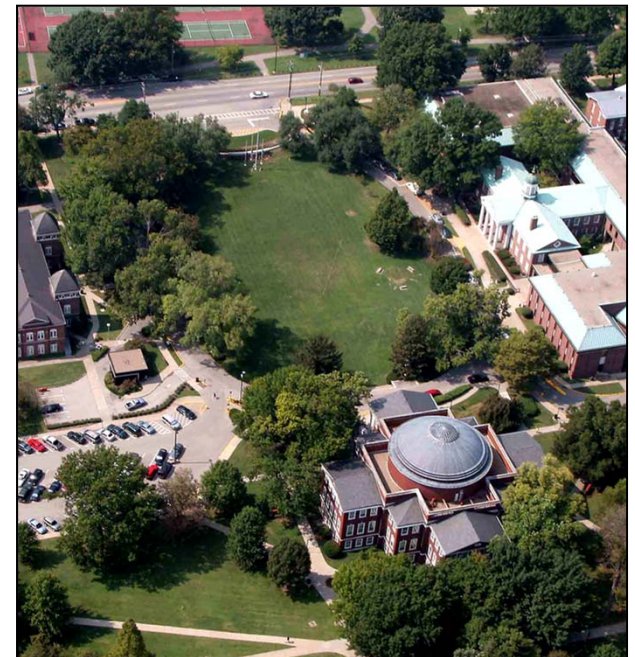
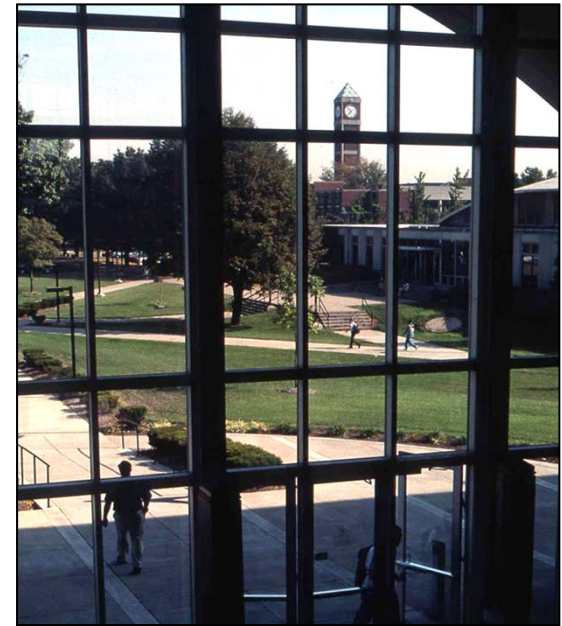
1. Two travel lanes and a common center turn lane with bus pull-offs
2. Two in road bicycle lanes – one north and one south
3. Central median with a low ornamental fence
4. Tree planting on the median and along the street edges
5. Consolidate pedestrian crossing corridors (4)
6. Two traffic lights phased to allow travel speed of 25 mph



City input is required to achieve these recommendations

Open Space Components

1. Quadrangles
2. Courtyards
3. Plazas
4. Linear Corridors/Parks
5. Discovery Places
6. Campus Arrivals and Gateways
7. Screens and Buffers
8. Nature Preserves
9. Stormwater Areas
10. Athletic and Recreation Areas and Fields



Sustainability and the Master Plan

Targets and Recommendations



1. Energy & Climate
2. Buildings
3. Land Use
4. Grounds
5. Storm/Surface Water
6. Transportation & Parking

Alternative Transportation

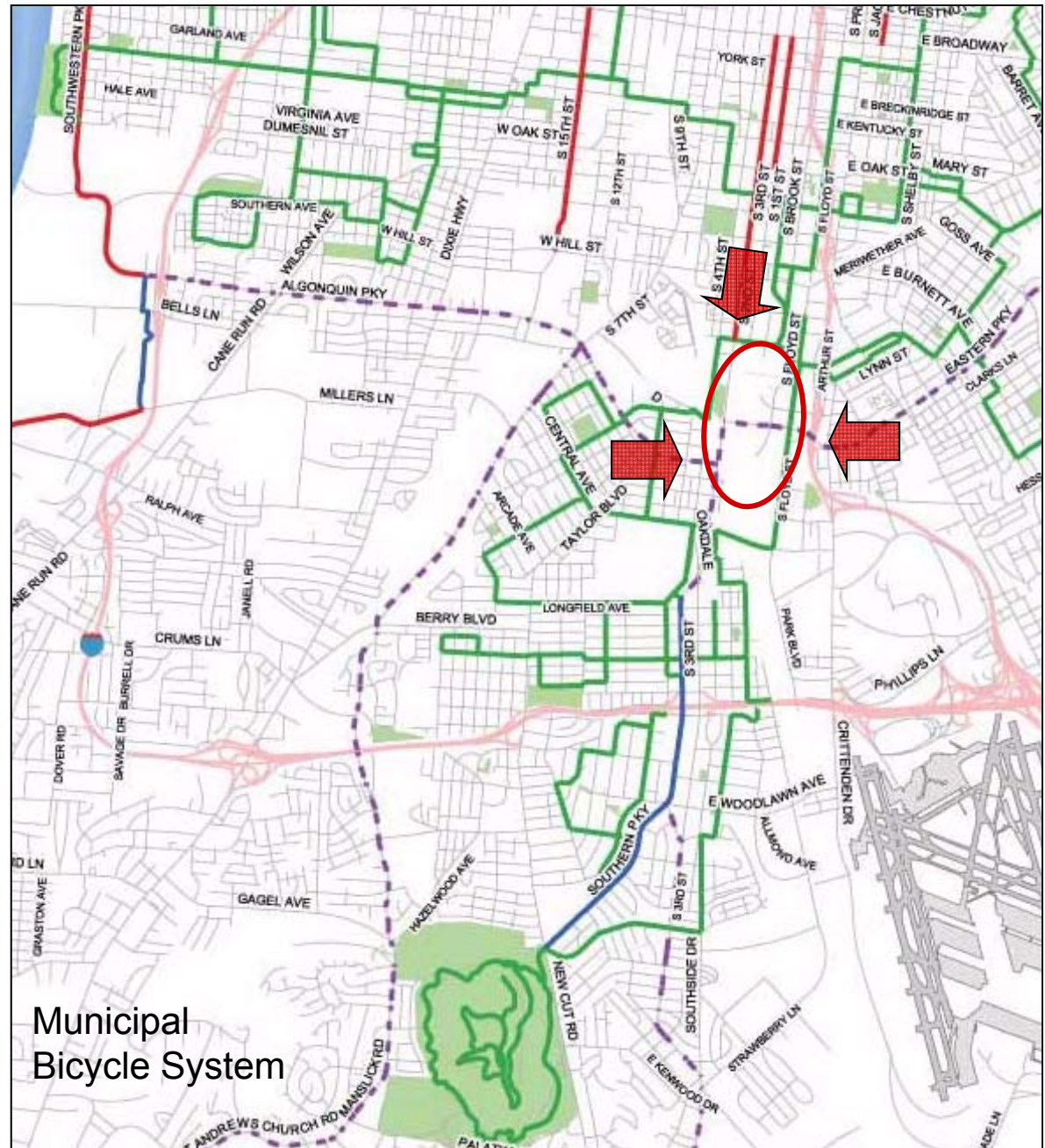
Growing Opportunity

1. Walking from campus housing
2. Car pooling
3. Shuttle bus utilization
4. Public transit
5. Bicycle utilization
6. Parking deck program



To the East	Eastern Parkway
To the West	M Street / 7 th and Algonquin
To the North	3 rd St

Red Interstate
Blue
Green
Dashed Purple



Parking Fundamentals

- Continue shuttle service from stadium
- Surface parking lots are future building zones
- Instigate a core area deck parking system
- Visitors park in core area decks - assume a 5 minute maximum walk to major destinations



Next Steps

1. Need your approval of the concept
2. Develop a phased implementation plan; estimating costs and identifying source of funds

Next Steps

Project	Cost	Source of Funds
New Classroom Building	\$75,000,000	State request
Renovate Natural Science Building	\$20,445,000	State requests
Center Place – Fountain & Library Plaza	\$5,700,000	Capital Campaign
Construct – Westside Student Recreation & Student Services Center	\$37,000,000	State Bonds Student Fee (?)
Floyd Street Pedestrian Improvements	\$3,100,000	Transportation Cabinet
NUCLEUS South Road & Pedistrian Improvements	\$3,600,000	Foundation Transportation Cabinet
Freedom Park Master Plan implementation	\$2,500,000	Capital Campaign Transportation Cabinet
University Corridor Study recommendations & implementation		City

Next Steps

Project	Cost	Source of Funds
I-65 Corridor Improvements by KyTC	\$68,000,000	Federal
Rename streets to advance collegiate identity	\$150,000	University
Storm & surface water improvements	\$23.230,000	MSD FEMA
Implement signage & wayfinding improvements	\$1,200,000	Transportation Cabinet
Stansbury Park Master Plan implementation	\$13,100,000	Transportation Cabinet Capital Campaign
Third Street frontage improvements	\$1,950,000	Transportation Cabinet Capital Campaign City
Construct soccer stadium and stadium priority parking at Floyd Street	\$26,553,000	Athletics