

CAMPUS MASTER PLAN UPDATE 2010-2020

FIU | FLORIDA
INTERNATIONAL
UNIVERSITY

Focus Group 3- Urban, Architectural and Landscape Design Meeting #3



3 December 2012

PERKINS+WILL

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Agenda

- **Homework Summary**
- **Inventory & Analysis Review**
- **Campus Alternatives**
 - **Modesto Maidique Campus**
 - **Engineering Center**
 - **Biscayne Bay Campus**

Strengths:

- **Strong new architecture** complements existing historic structures to create an exciting campus assemblage.
- **Increased density** at MMC
- **Campus as Sculpture Garden / Museum**
- **Growing residential** component at MMC and BBC
- Creating **mixed-use** elements within buildings
- Sports events bring increasing numbers to our campus
- **Medicine** is poised to become another such magnet
- Successful outdoor spaces are being developed across all FIU campuses
- FIU campus potential as an **outdoor classroom** (MMC & BBC)
- Extraordinary site **potential** at BBC & EC

Challenges

- **Traffic congestion** challenges are growing steadily
- Several **plazas are underutilized** and don't respond to their environments
- No single formal space that is “the identity space” –associated with university
- **Fragmented and non unified** use of landscape architecture elements
- Pedestrian linkages are frequently **unprotected** from sun and rain
- Walkways are often **indirect** and sometimes insufficiently wide for the traffic
- Pedestrian vs. **vehicular conflict** with campus loop road
- The physical relationship of the campus precinct to its surrounding can be enhanced (**edges & economic development**)
- The Nature preserve should be embraced as a teaching facility, cleaned up, and have safe pathways built and lighted.
- **BBC approach** to campus (front door) is through a sea of parking
- **Need a secondary access** at BBC
- Planning through implementation **process**

- **Community Context**
 - NYU, University of Pennsylvania, Parsons, Harvard, University of Chicago, MIT
- **Architectural language and scale**
 - Harvard, MIT, University of Cincinnati, Penn
- **Courtyards**
 - Harvard, MIT, Princeton, Pratt, UVA
- **Covered walkways**
 - Universidad Central de Venezuela, Florida Southern College, UVA, Taliesin West, USF - MLK Plaza
- **Memorable Campus Landscapes**
 - Tsinghua University, Stanford, Vassar, Berkeley, Gordon-College-Amphitheater, University-of-Wollongong, BBC-Waterfront, Cornell, UVA
- **Sculpture gardens and botanical gardens**

URBAN DESIGN GOAL:

Florida International University shall create high quality, memorable campus environments suited to education and a sense of collegiality, comprising a compact formal development pattern within a rich outdoor subtropical environment.

- **Regulating Axis / Avenues**
- **Campus Spaces**
- **Campus Streets**
- **Campus Edges**
- **Walkability**
- **Campus Forest**

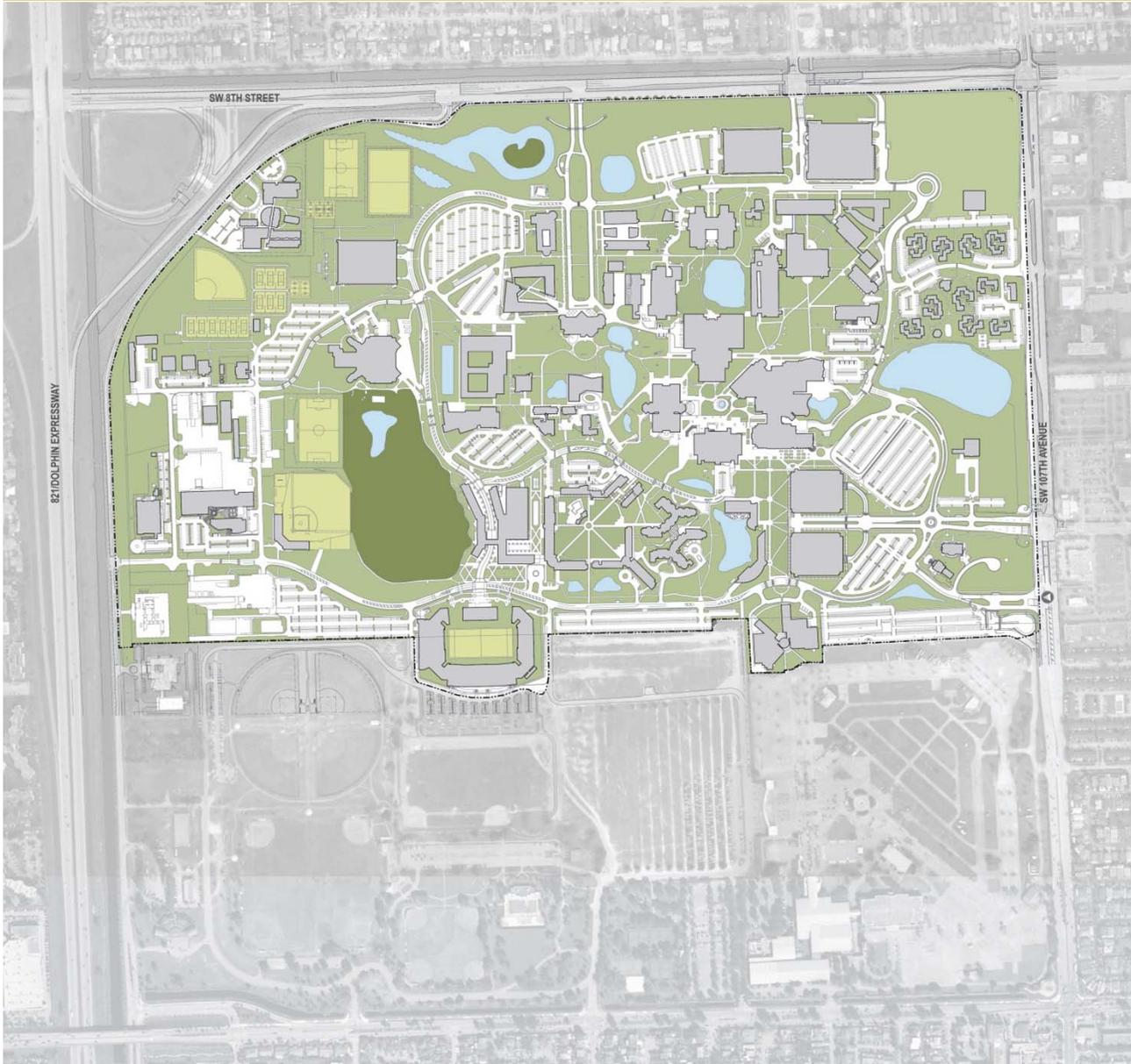


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Modesto Maidique Campus

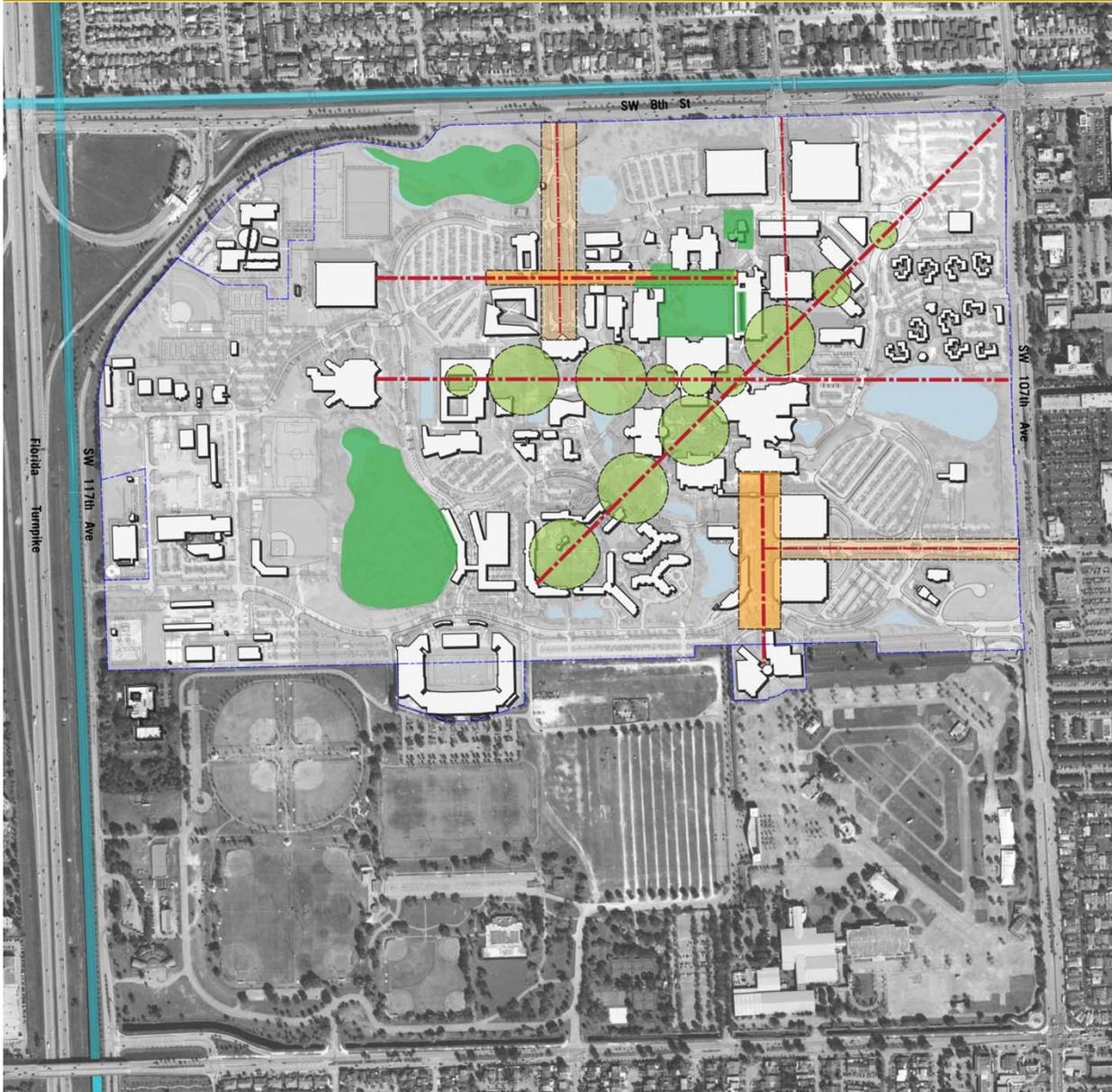
Modesto Maidique Campus

Current



Modesto Maidique Campus

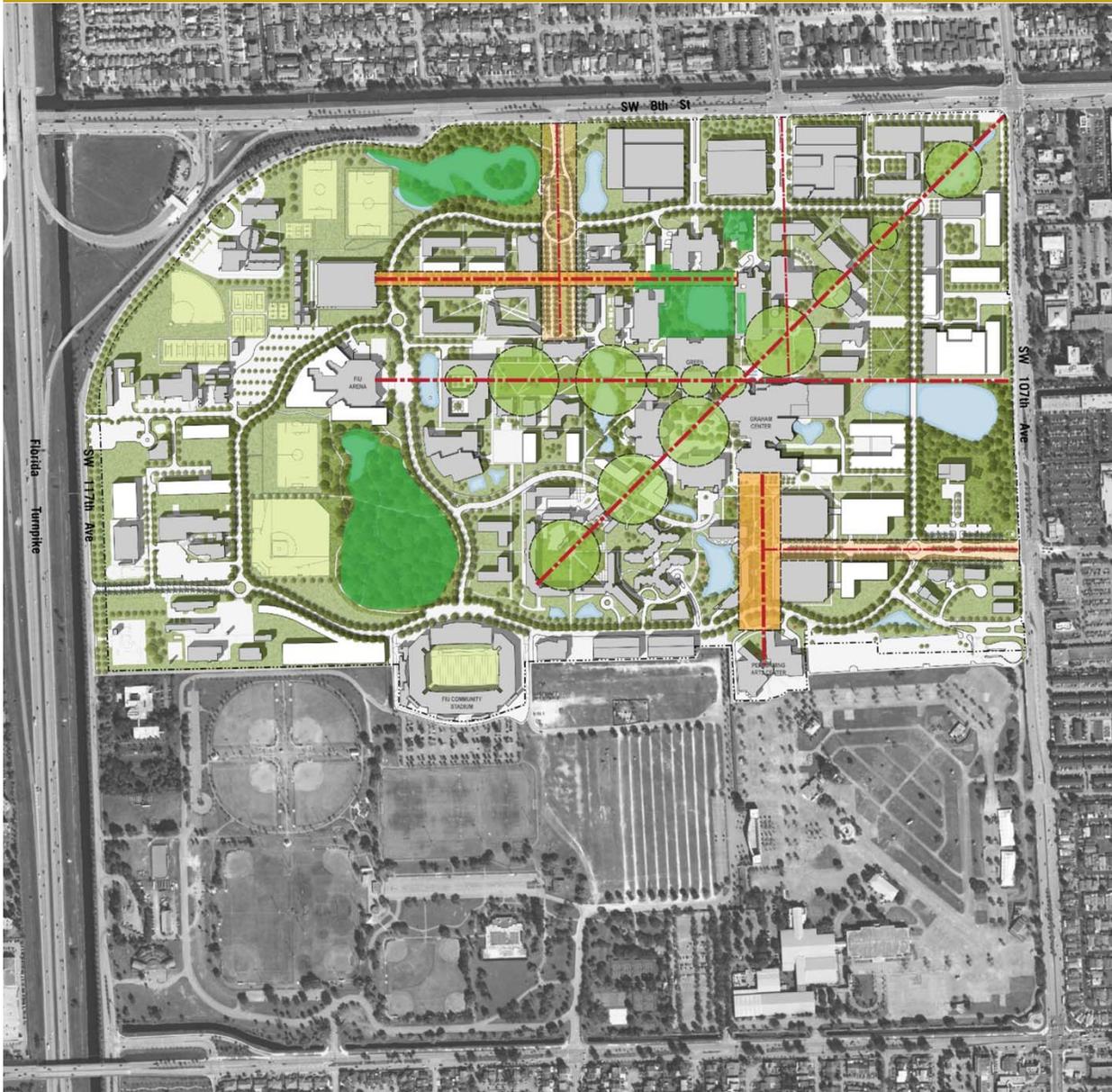
Inventory & Analysis – Avenues (Existing)



- key:
- · — axis (primary)
 - · - · - axis (secondary)
 - axis – series of spaces
 - ▨ axis - space

Modesto Maidique Campus

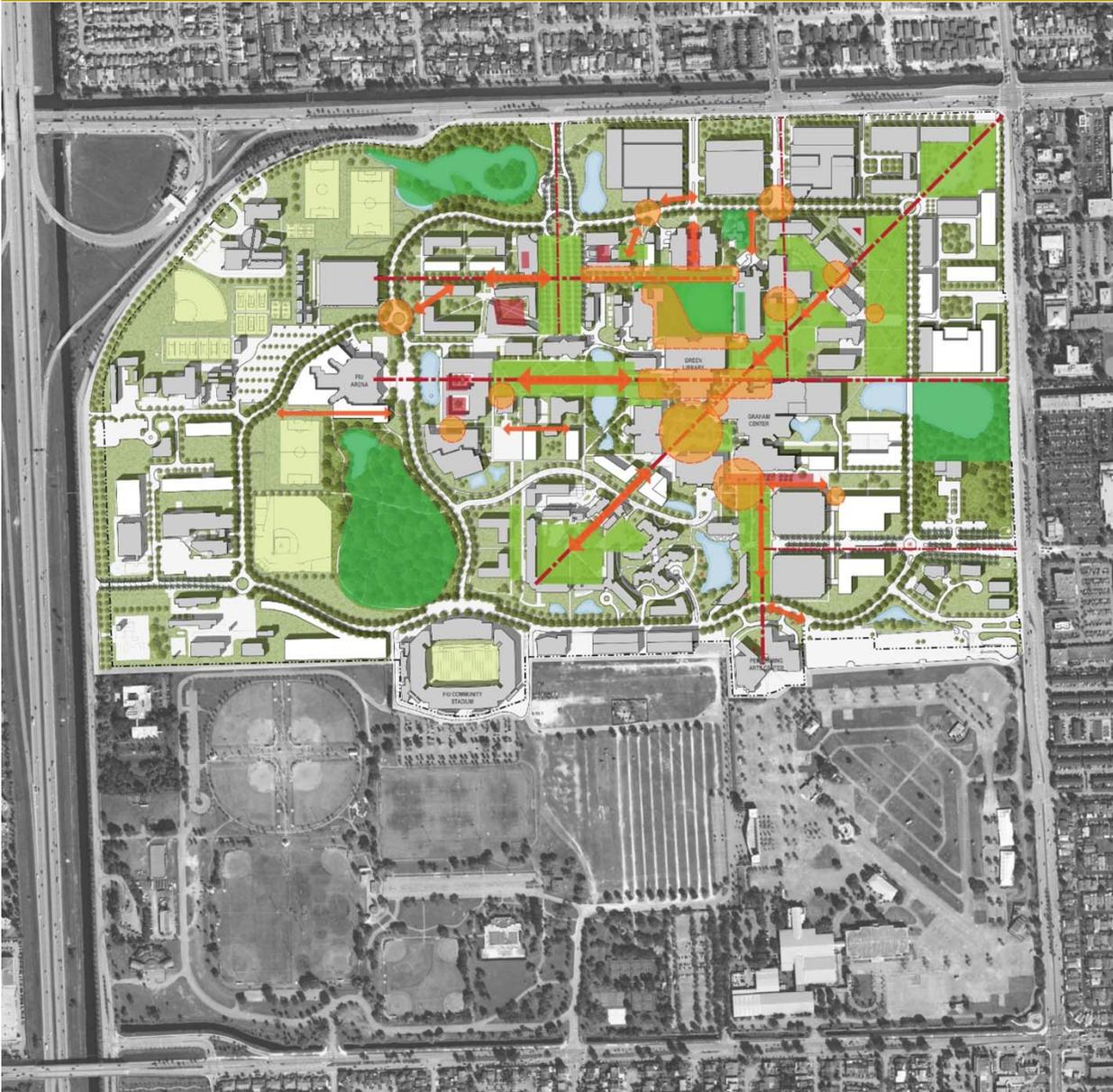
Inventory & Analysis – Avenues (Vision)



- key:
- axis (primary)
 - - - axis (secondary)
 - axis – series of spaces
 - ▨ axis - space

Modesto Maidique Campus

Inventory & Analysis - Quads & Courtyards



- key:
- axis (primary)
 - axis (secondary)
 - courtyards
 - quads
 - activity nodes

Modesto Maidique Campus

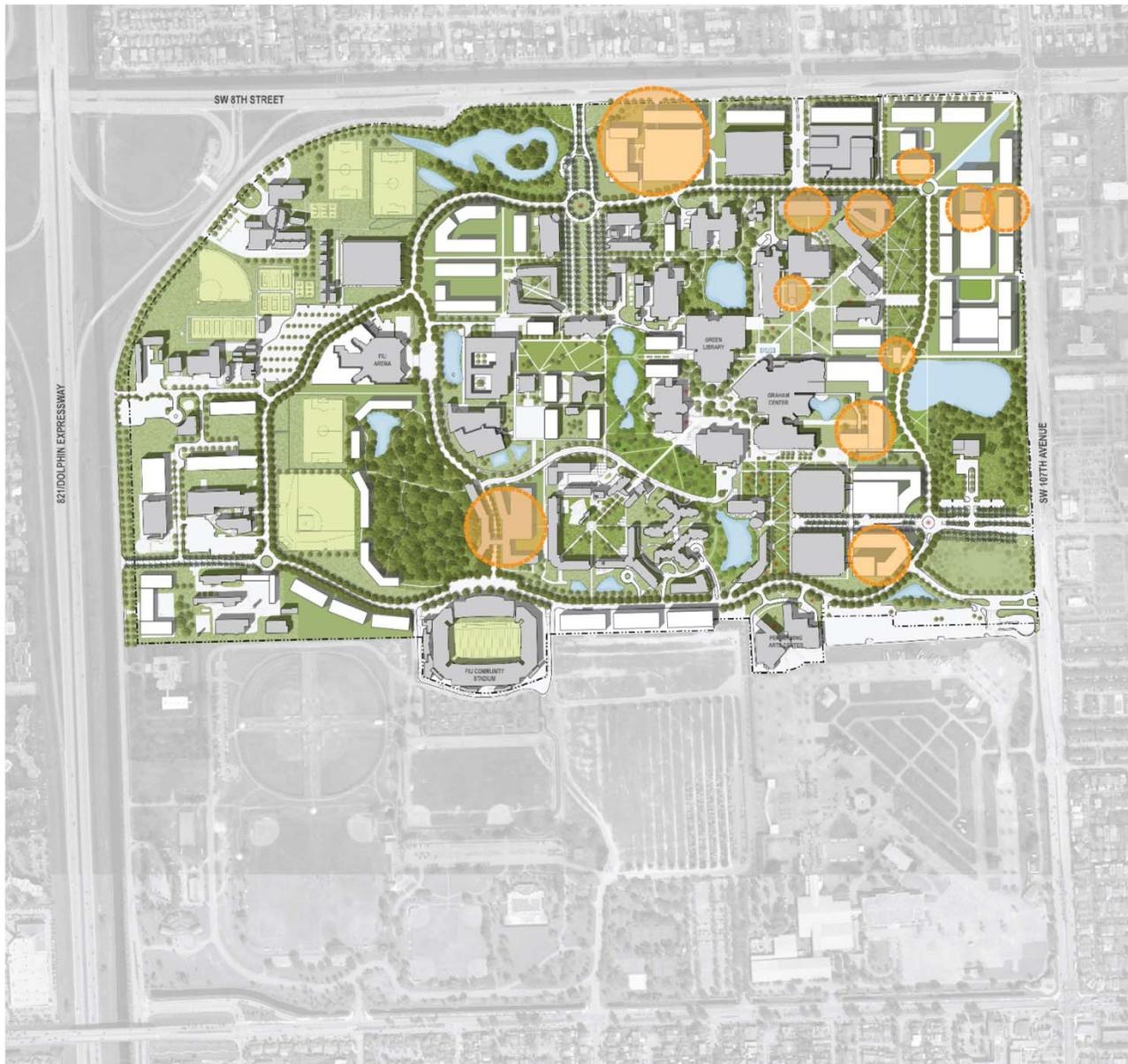
Inventory & Analysis - Walkability



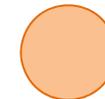
- key:
 - axis
 - connections
 - opportunities

Modesto Maidique Campus

New Projects



key:



new projects

Projects:

Built / Under Construction

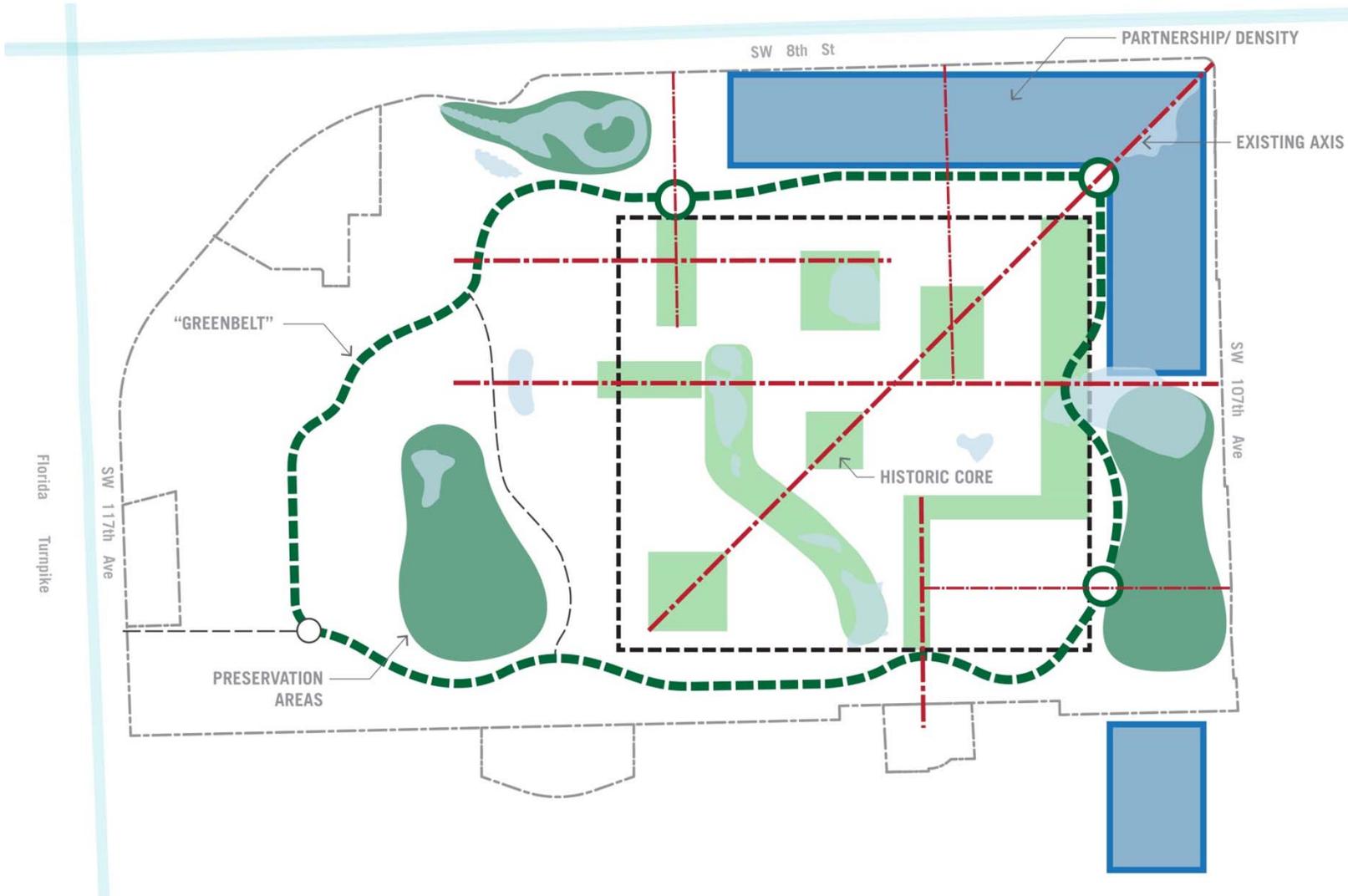
- Parkview Housing
- Stempel
- Science Center
- Satellite Chiller Plant

Proposed

- Parking Garage 6
- Medical Office Building
- Astroscience Center
- Alumni Center
- Chapel
- Student Academic Support Center
- Satellite Chiller Plant

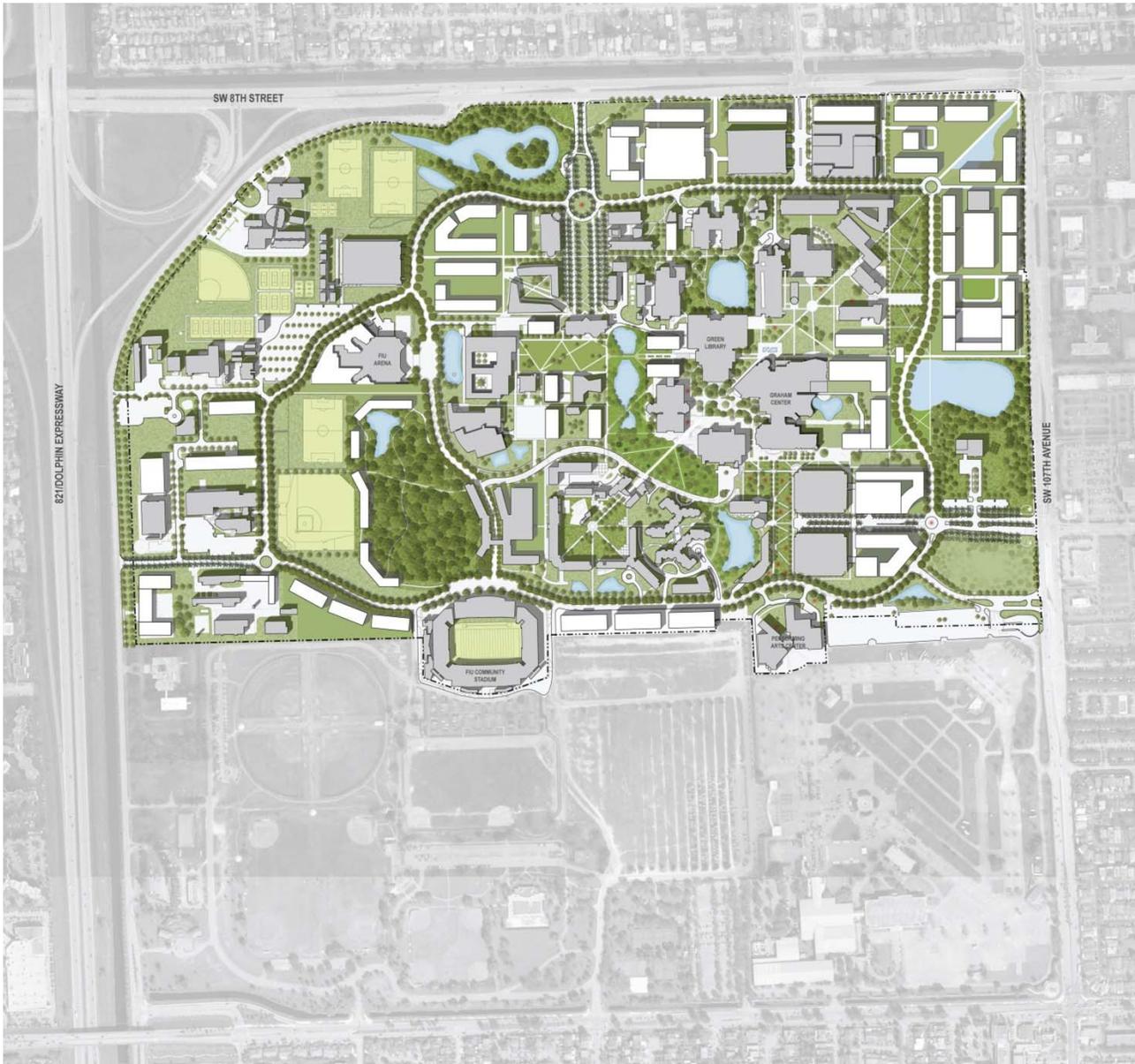
Modesto Maidique Campus

Concept Diagram



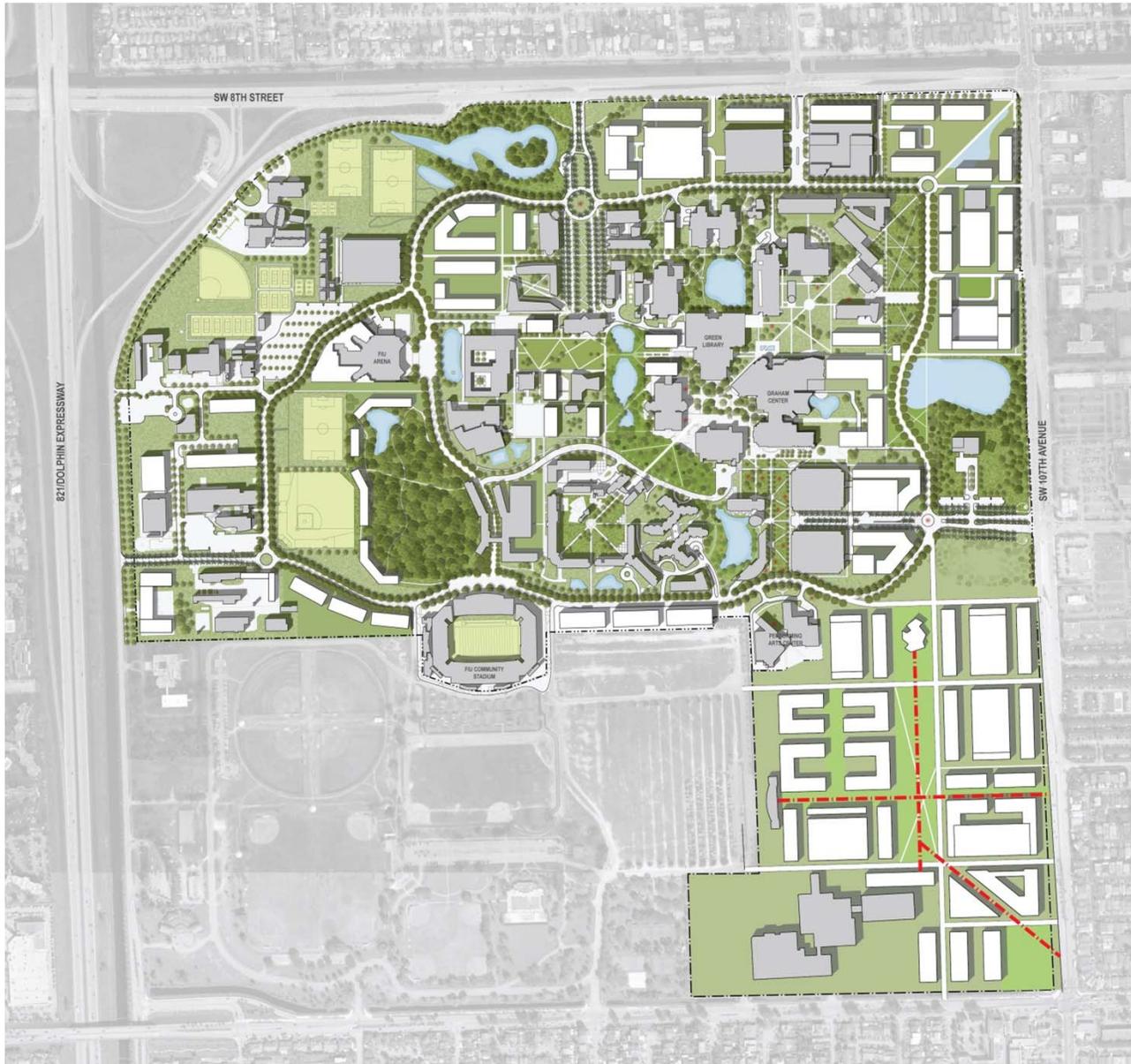
Modesto Maidique Campus

Vision Plan



Modesto Maidique Campus

Vision Plan with Youth Fair



Modesto Maidique Campus

2020 Plan – Option 1

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PERKINS + WILL

LEGEND

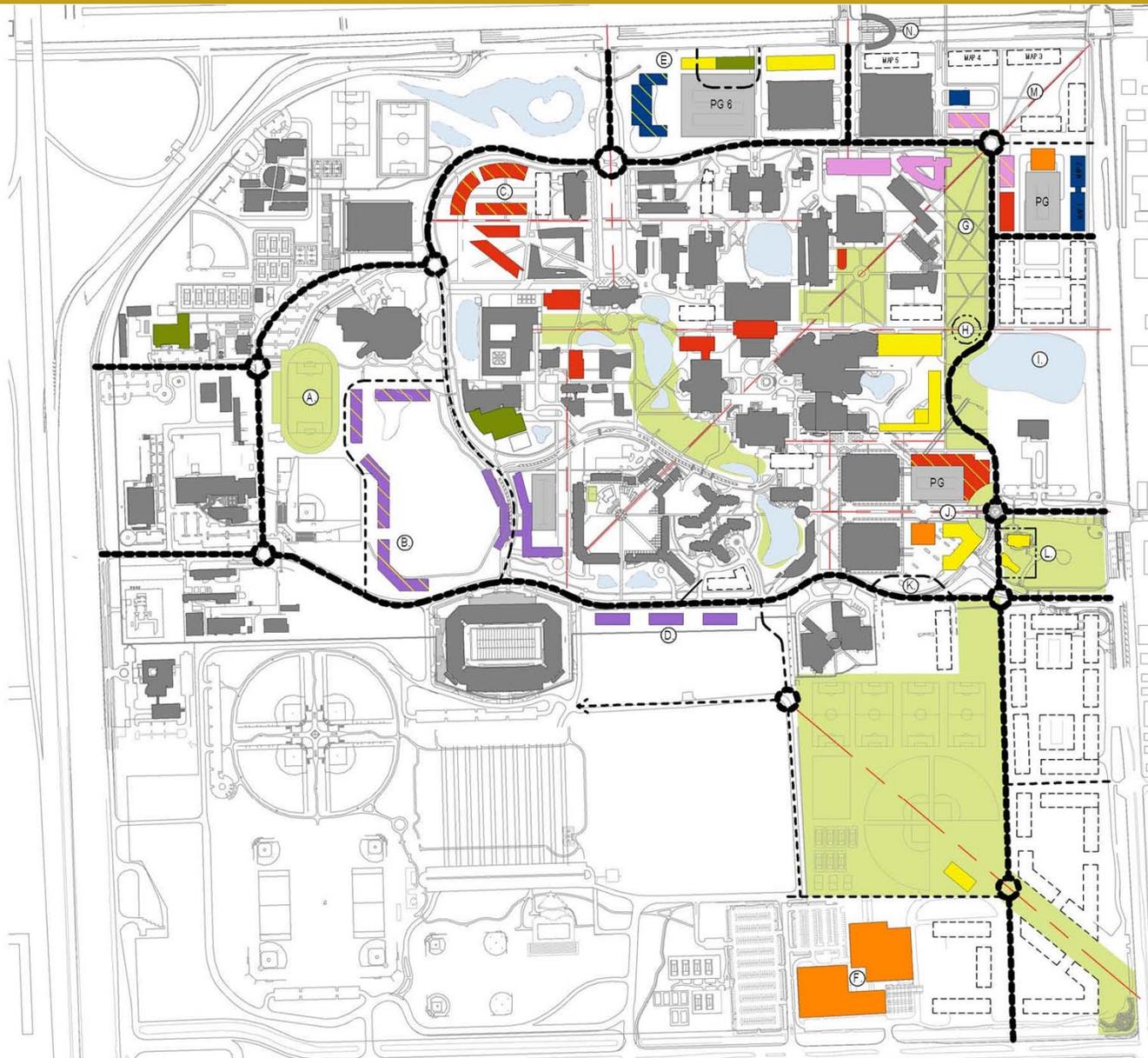
- ACADEMIC
- RESEARCH
- SUPPORT
- 1ST FLOOR SUPPORT
- HOUSING
- PARTNERSHIP
- RECREATION
- FACILITY SUPPORT
- OPEN SPACE
- CONSERVATION
- NEW PARKING
- MISSION PLAN BUILDING
- ROAD REALIGNMENT
- CAMPUS AXIS

KEY:

- A. EXPANDED TRACK AND FIELD
- B. UNIVERSITY HOUSING
- C. EXPANDED ACADEMIC CORE
- D. GREEK HOUSING
- E. PARKING DECKS FACED WITH STUDENT SUPPORT
- F. FACILITY SUPPORT AREA
- G. EXPANDED OPEN SPACE
- H. PROPOSED LOCATION OF CHAPEL
- I. RECONFIGURATION OF LAKE
- J. ALUMNI CENTER
- K. SHUTTLE DROP OFF
- L. PROPOSED WELCOME CENTER
- M. MEDICAL ARTS/RESEARCH CORE
- N. TIGER GRANT BRIDGE

MODESTO MAIDIQUE CAMPUS

CONCEPT #1:
EXPAND IN PLACE / CREATE A STRONG CORE



Modesto Maidique Campus

2020 Plan – Option 2

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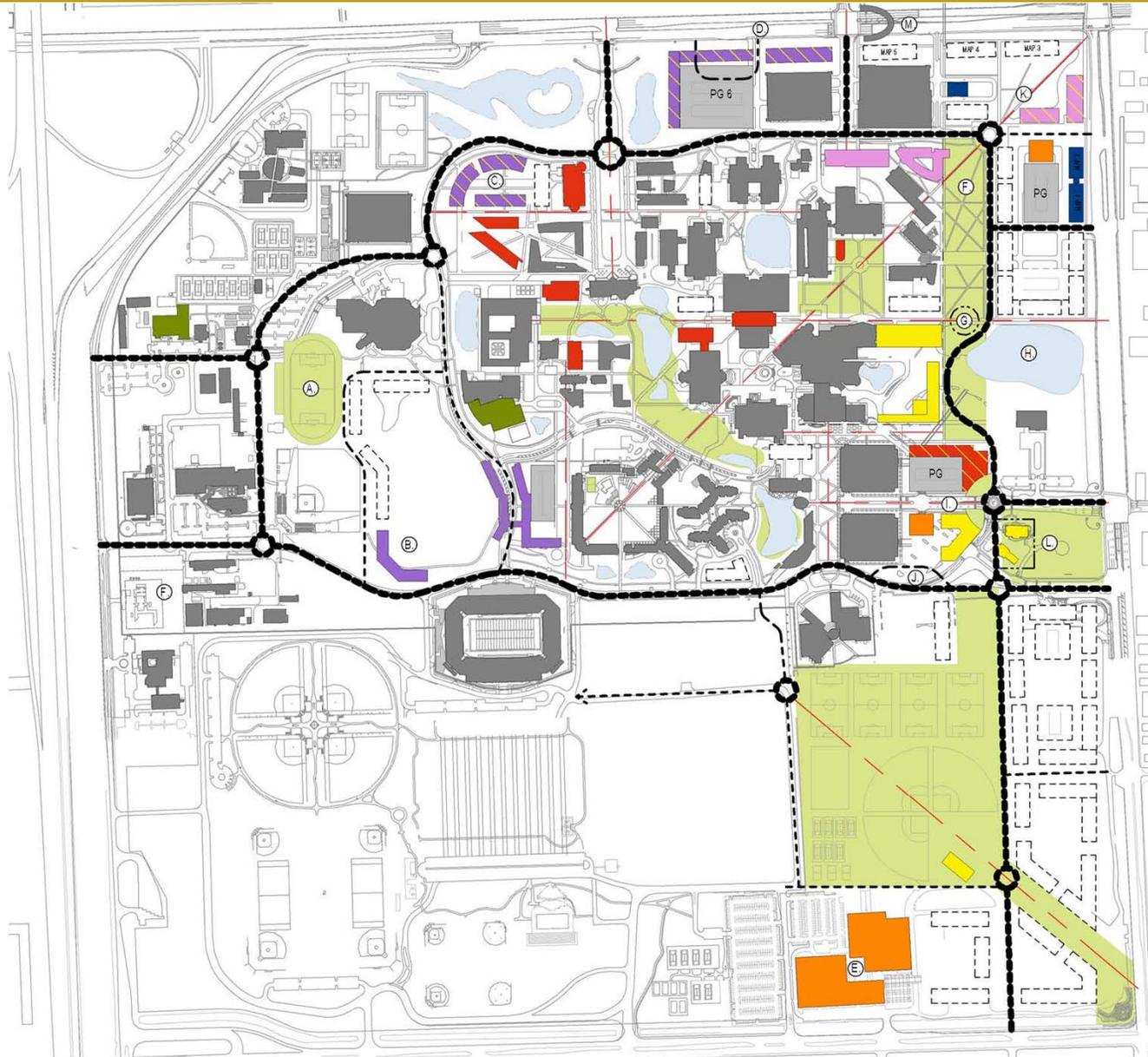
**PERKINS
+ WILL**

LEGEND

- ACADEMIC
- RESEARCH
- SUPPORT
- 1ST FLOOR SUPPORT
- HOUSING
- PARTNERSHIP
- RECREATION
- FACILITY SUPPORT
- OPEN SPACE
- CONSERVATION
- NEW PARKING
- VISION PLAN BUILDING
- ROAD REALIGNMENT
- CAMPUS AXIS

KEY:

- A. EXPANDED TRACK AND FIELD
- B. GREEK HOUSING
- C. UNIVERSITY HOUSING
- D. PARKING GARAGES WITH ATTACHED HOUSING
- E. FACILITY SUPPORT AREA
- F. EXPANDED OPEN SPACE
- G. PROPOSED LOCATION OF CHAPEL
- H. RECONFIGURATION OF LAKE
- I. ALUMNI CENTER
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- K. MEDICAL ARTS/RESEARCH AREA
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- M. TIGER GRANT BRIDGE



MODESTO MAIDIQUE CAMPUS

CONCEPT #2
SHIFT PROGRAMS / REINFORCE CAMPUS IDENTITY



Modesto Maidique Campus

2020 Plan – Option 3

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PERKINS + WILL

LEGEND

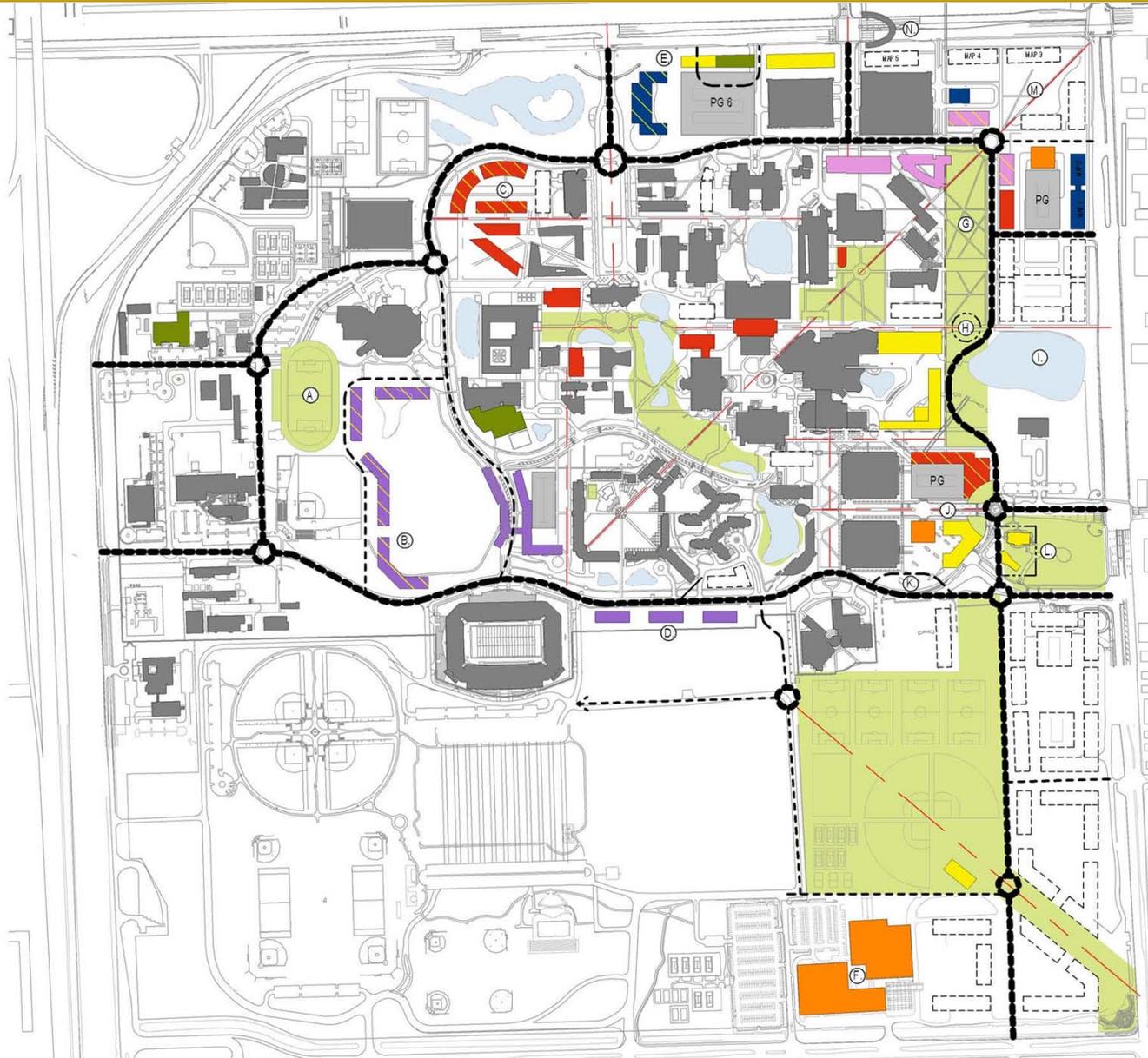
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MODESTO MAIDIQUE CAMPUS

CONCEPT #1:
EXPAND IN PLACE / CREATE A STRONG CORE





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Engineering Center

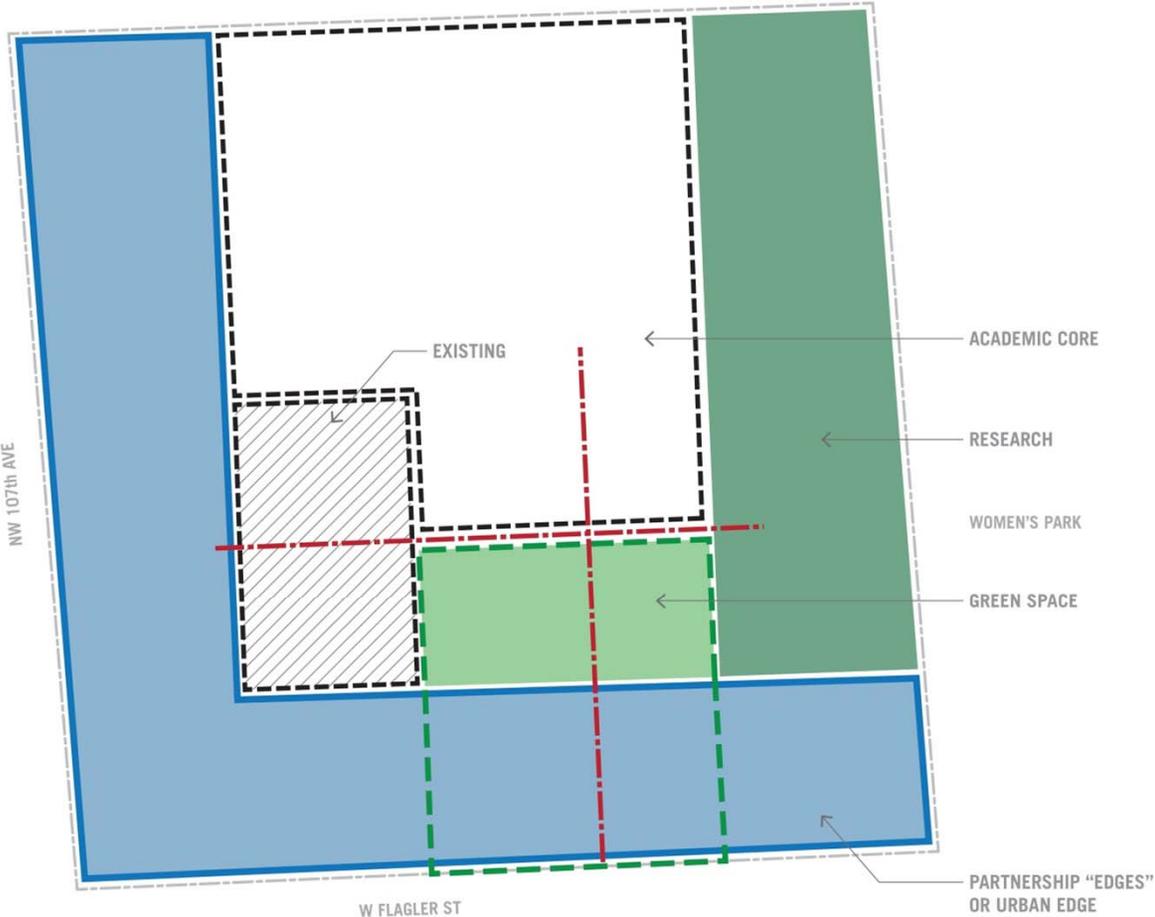
Engineering Center

Current



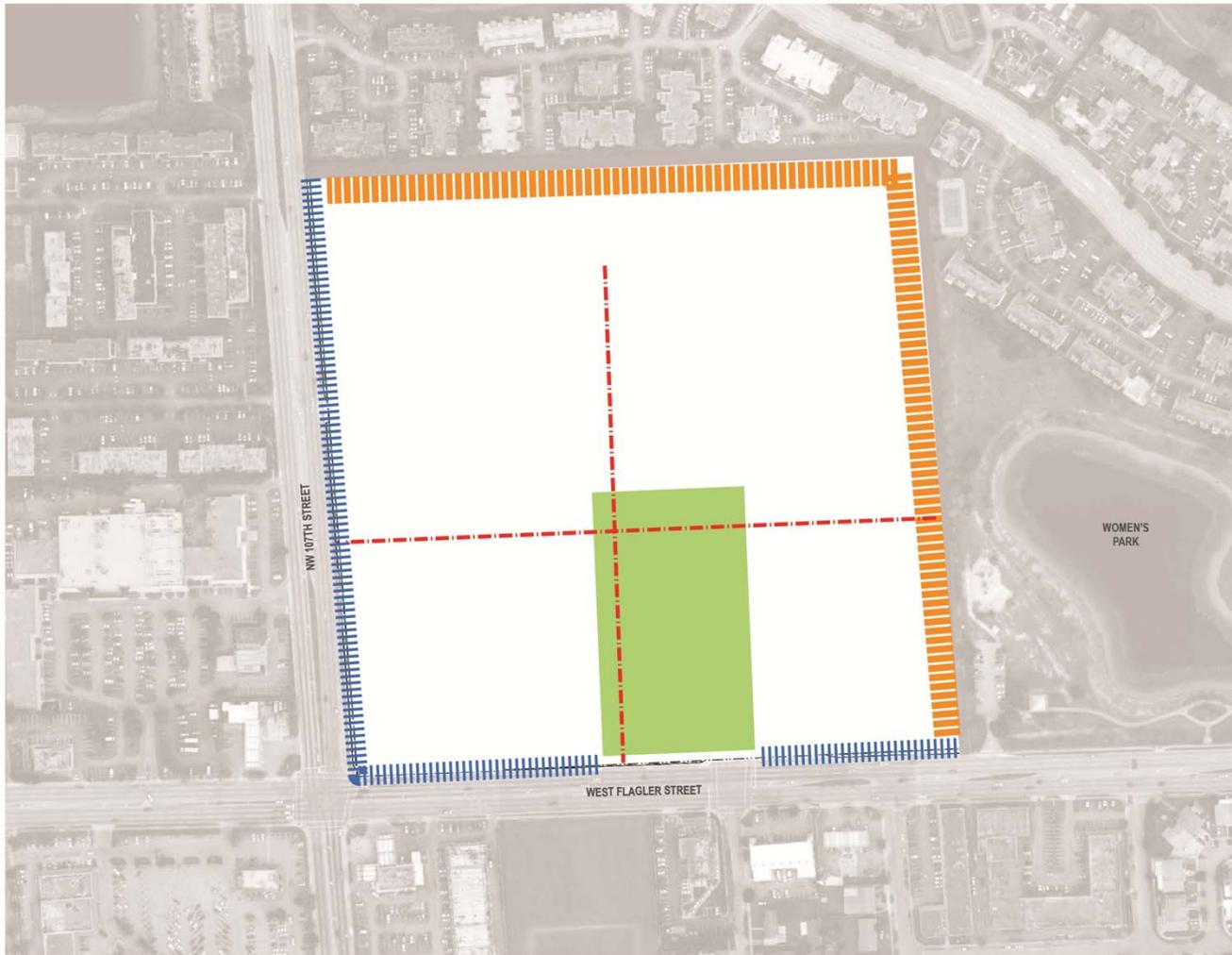
Engineering Center

Concept Diagram



Engineering Center

Urban Design - Framework



- key:
- • — avenues
 - · - developing connections
 - quads
 - courtyards / promenades
 - special purpose landscapes
 - active edge
 - passive edge

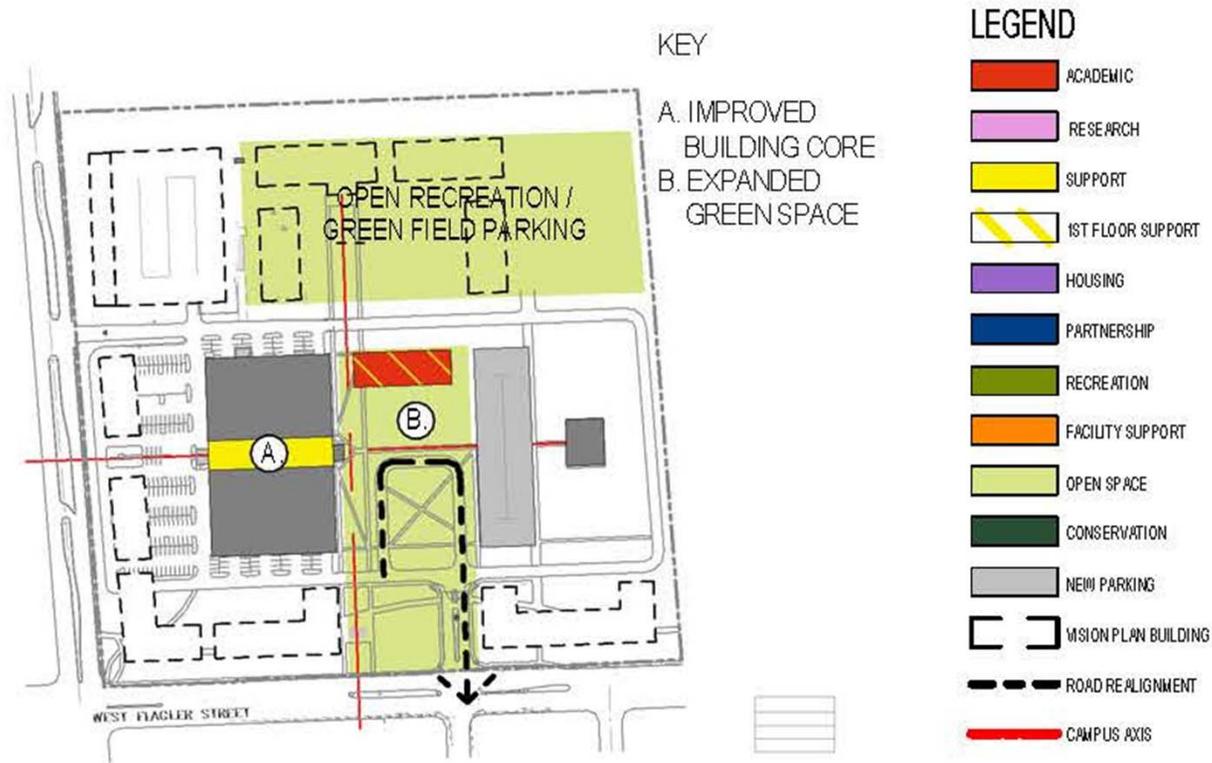
Engineering Center

Vision Plan



Engineering Center

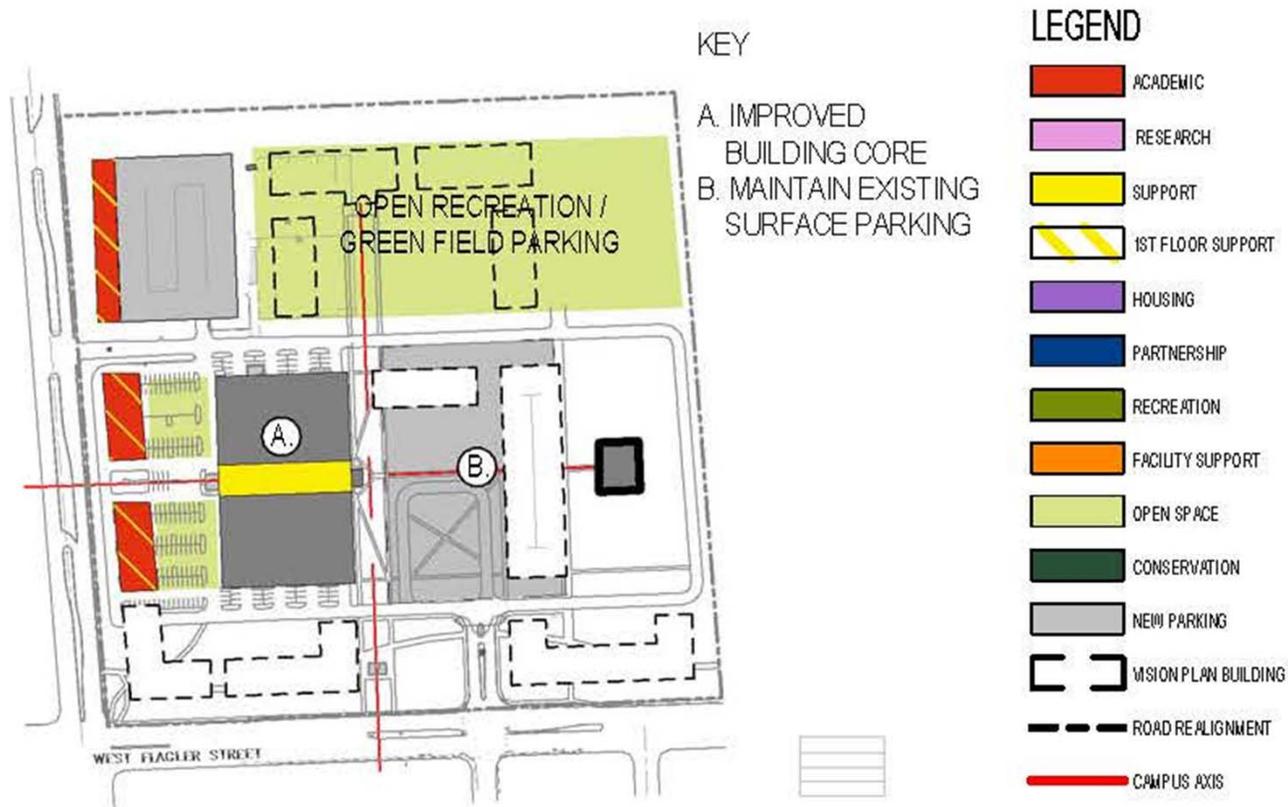
2020 Plan – Option 1



CONCEPT #1
EXPAND IN PLACE/ CREATE STRONG CORE

Engineering Center

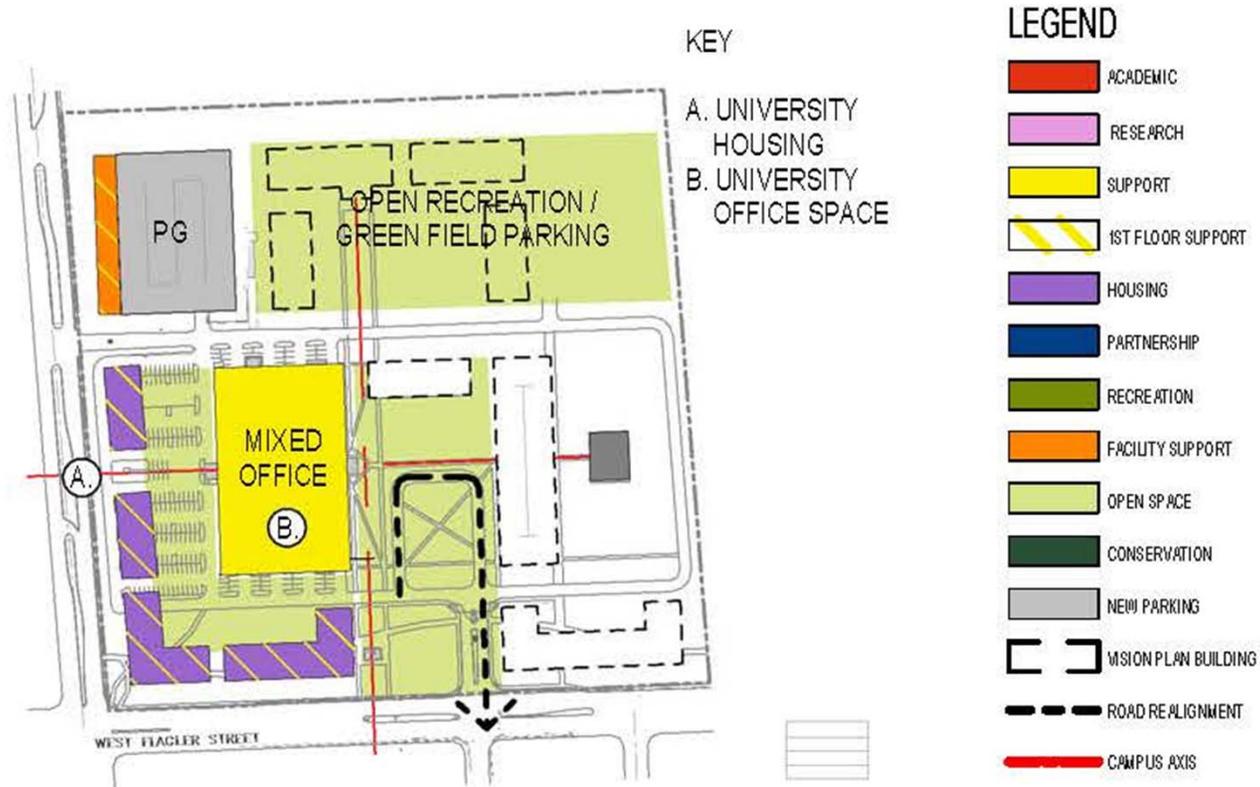
2020 Plan – Option 2



CONCEPT #2
SHIFT PROGRAMS/ REINFORCE CAMPUS IDENTITY

Engineering Center

2020 Plan – Option 3



CONCEPT #3

EXPAND AT PERIMETER/ REINFORCE PARTNERSHIPS

Biscayne Bay Campus

Biscayne Bay Campus

Current



Biscayne Bay Campus

Inventory & Analysis – Avenues (Existing)



- key:
- axis (primary)
 - axis (secondary)
 - quads
 - activity nodes
 - special purpose landscape

Biscayne Bay Campus

Inventory & Analysis – Avenues (Vision)



- key:
axis
(primary)
- axis
(secondary)
- quads
- activity
nodes
- special
purpose
landscape

Bicayne Bay Campus

Walkability - Analysis



- key:
- axis
 - building edge
 - attached
 - detached
 - uncovered
 - - - thru-bldg

Biscayne Bay Campus

Walkability - Analysis



- key:
 - axis
 - connections
 - opportunities

Biscayne Bay Campus

New Projects



key:



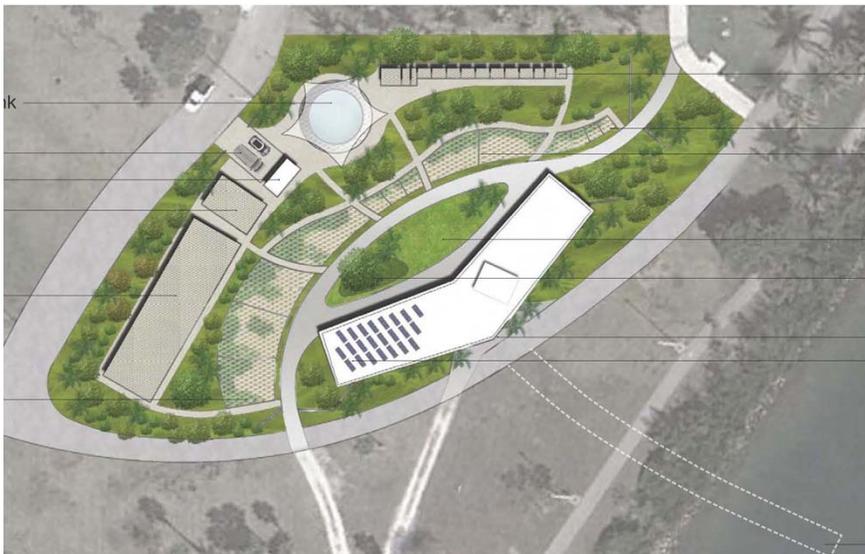
new projects

Projects:

- Royal Caribbean Production Studio
- Wildlife Center
- Boat Dock
- Charter School

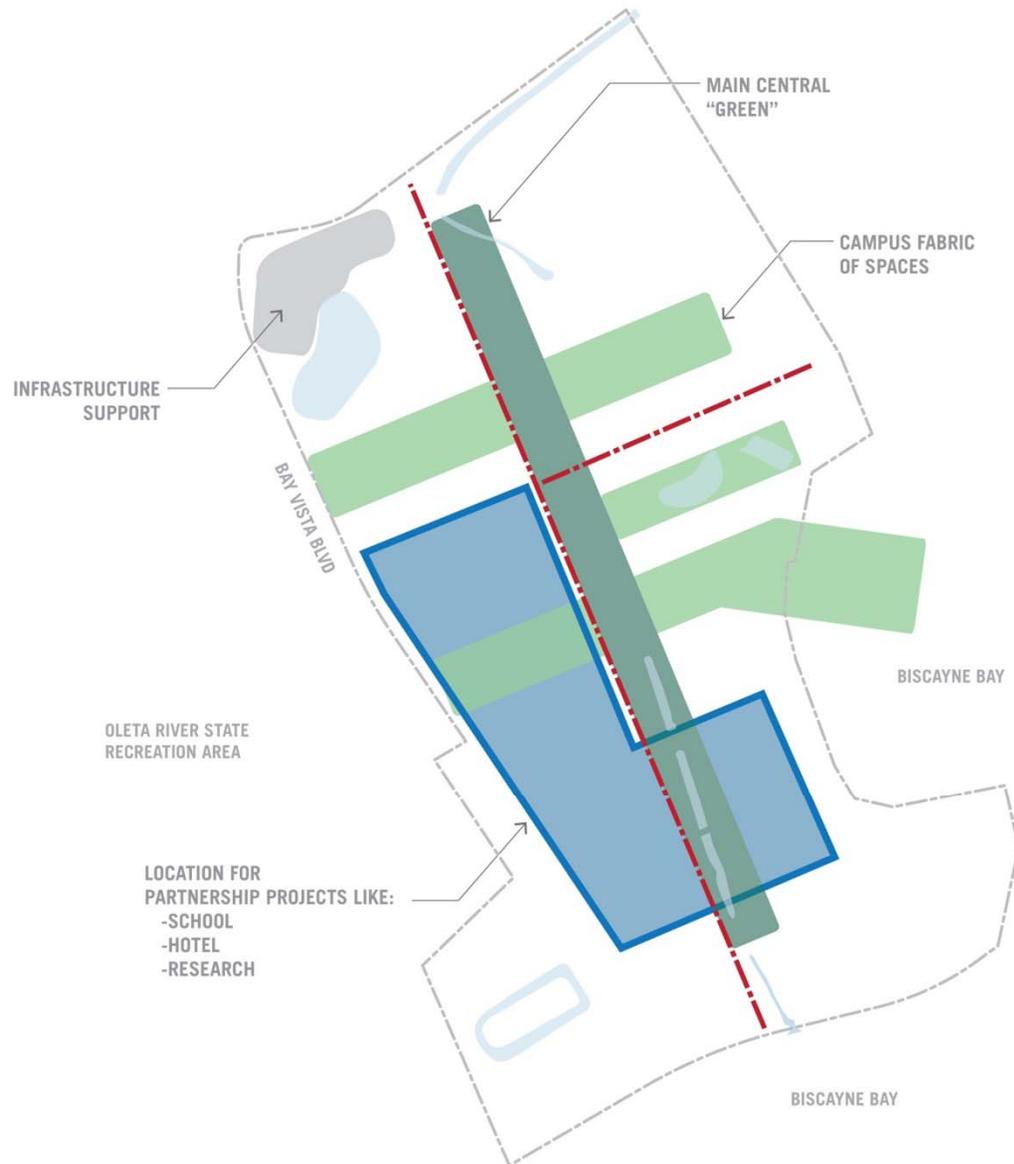
Biscayne Bay Campus

New Projects



Biscayne Bay Campus

Concept Diagram



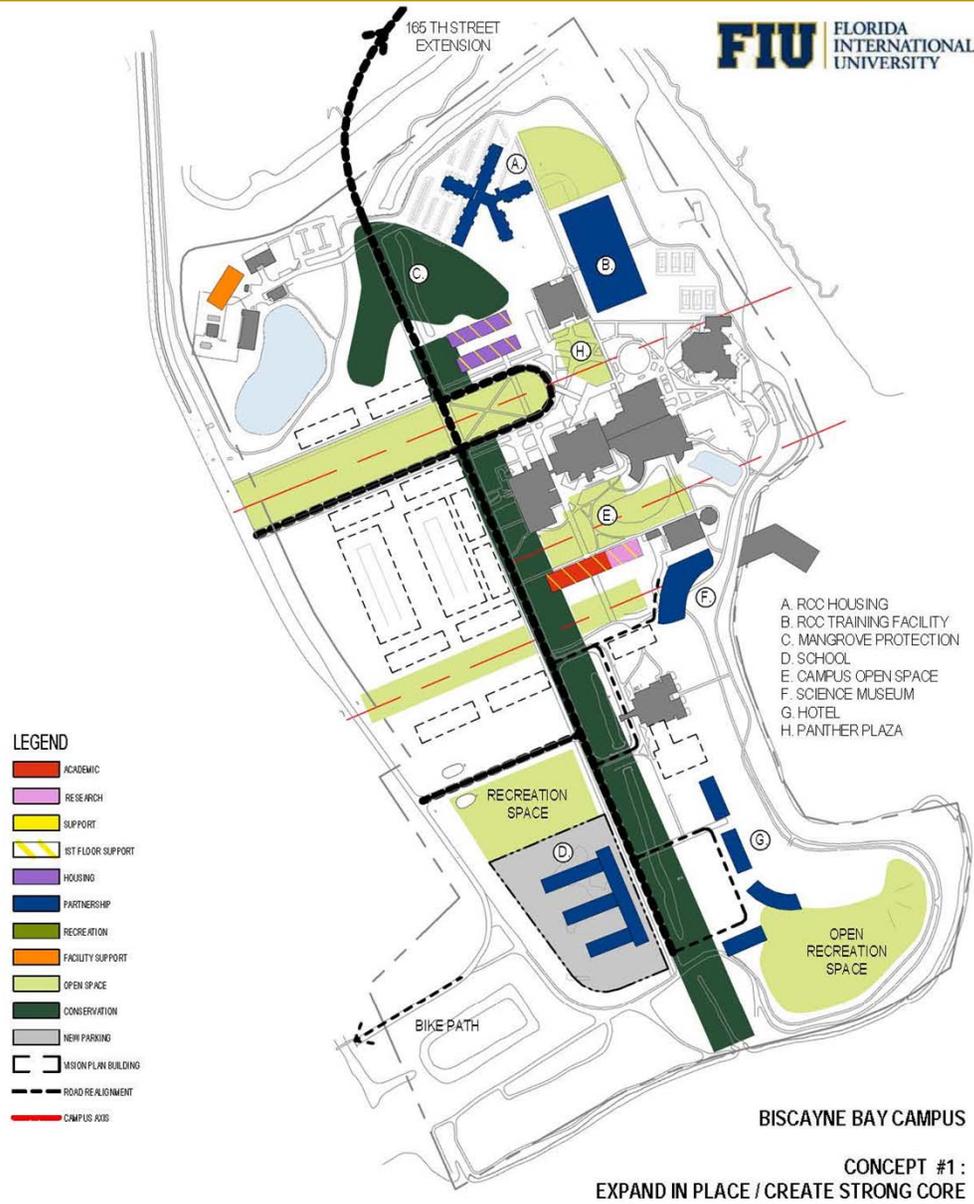
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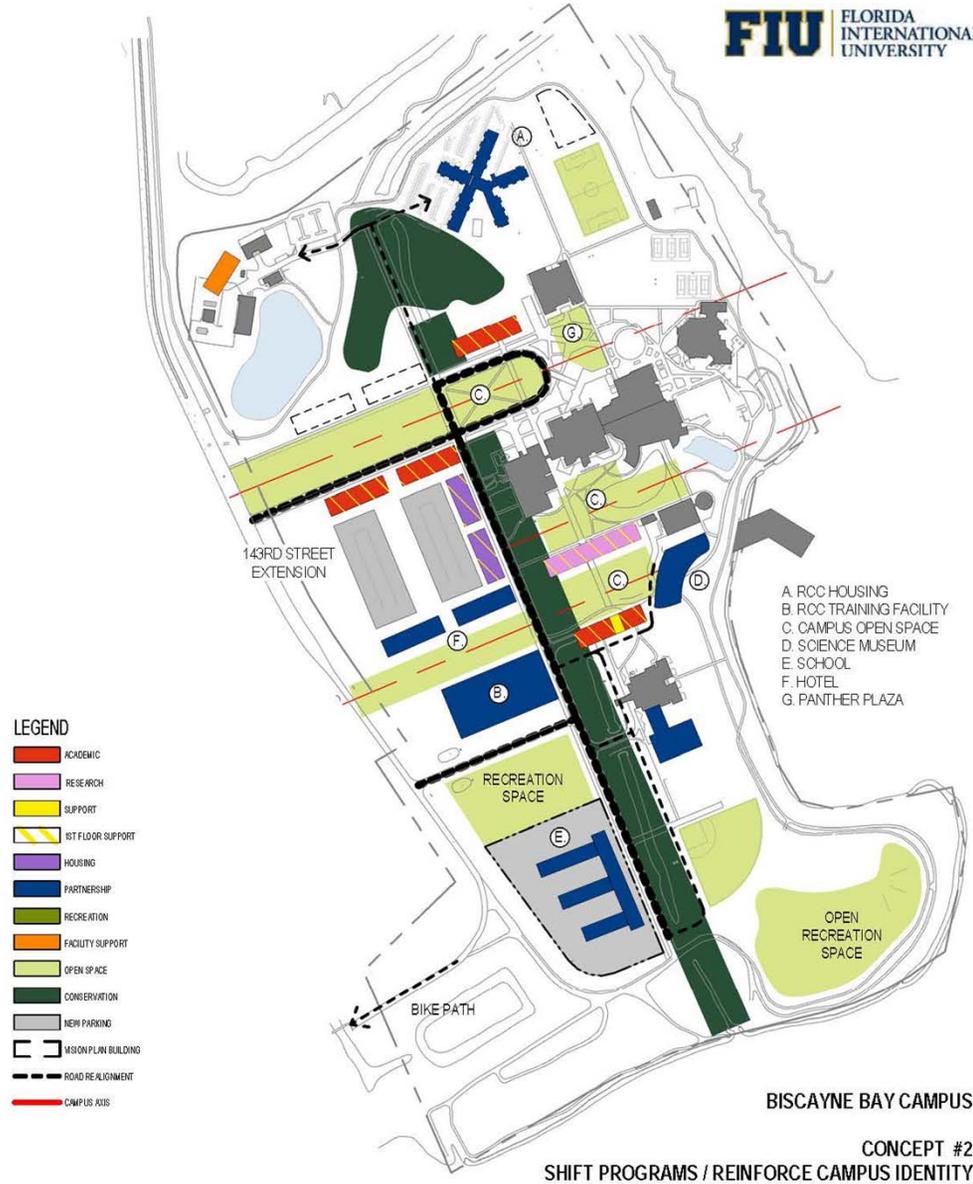
Biscayne Bay Campus

2020 Plan – Option 1



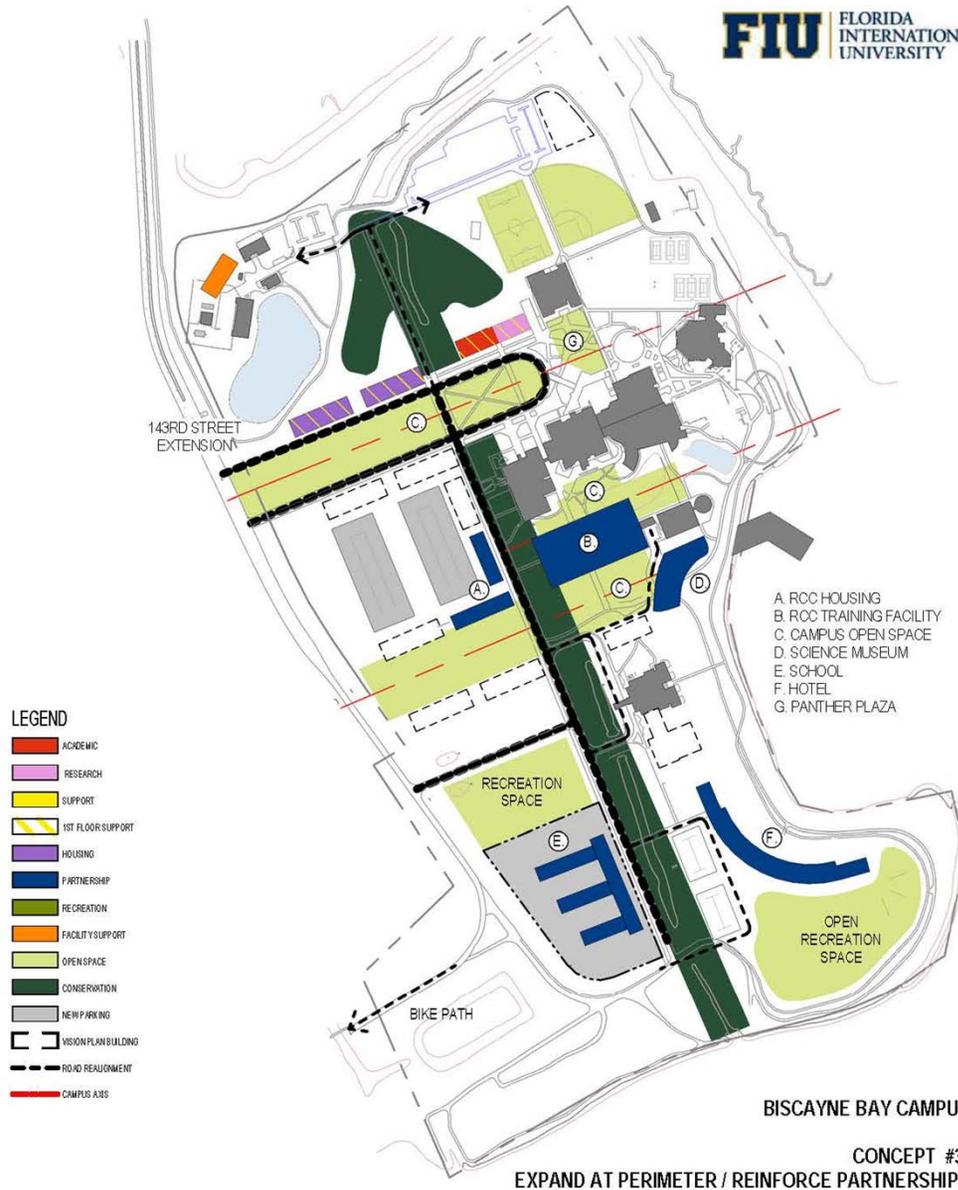
Biscayne Bay Campus

2020 Plan – Option 2



Biscayne Bay Campus

2020 Plan – Option 3





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DISCUSSION