#### East Carolina University

# Comprehensive Facilities Master Plan

# SMITHGROUP | JJR

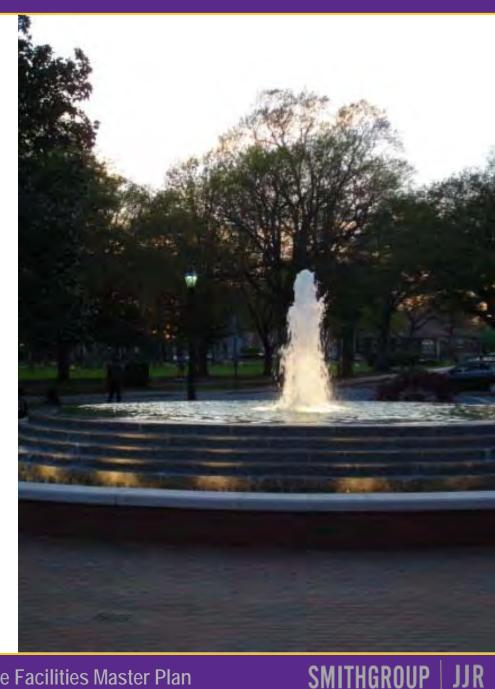
Eva Klein & Associates Brailsford & Dunlavey RMF Engineers Martin Alexiou Bryson Protection Engineering Group ISES

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#### Agenda

- Introduction ٠
- **Schedule and Process Overview** •
- **Capital Projects Plan** ٠
- **Alternative Scenarios** ٠
  - **Health Sciences Campus** ٠
  - Main Campus ٠
- **Next Steps**



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"The purpose of this comprehensive plan is to create a plan that will anticipate the future by considering facility needs generated by the University's Mission Statement, Strategic Plan and corresponding Academic Program"



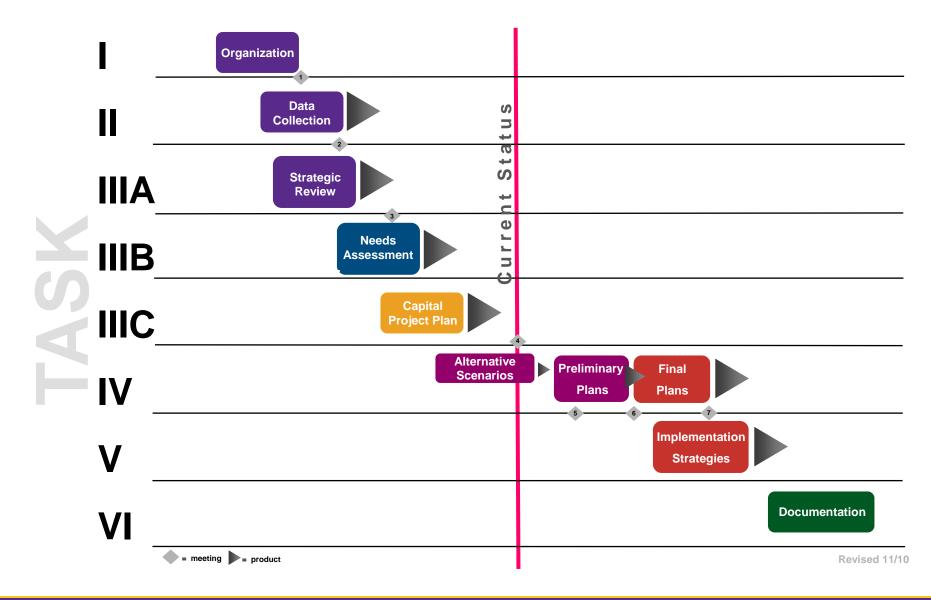
#### Master Plan Purpose and Goals

#### 3 Key Themes:

- 1. Create a socially, economically, and environmentally *sustainable campus* plan that represents the hopes and aspirations of this region.
  - Integrate strategic, academic, and financial planning
- 2. Bring 4 diverse campus environments into *a coherent and connected campus* plan.
  - Main Campus
  - Health Sciences Campus
  - West Research Campus
  - North Recreational Fields Complex
- 3. Utilize the campus to support and enhance the University and the community.
  - University as engaged resource



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# Task 3: Needs Assessment & Capital Projects Plan

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#### Institutional Directive Considerations

#### Academic

Classroom space

Faculty office space

Health & Human Performance

Proposed School of Public Health

**Maritime Studies** 

Space dispositions of Colleges of Business and Education

Inter-professional education model at Health Sciences

Repurposing or removal of current space – Main Campus

Repurposing or removal of current space – Health Sciences Campus

#### **Special Use**

Library

New Student Unions

Performing Arts Center

Relocate essential student services functions

**Botanical Garden** 

Eastern North Carolina Museum and Galleries

Day Care Center

Hospitality Hotel

#### Research

Research space – Main Campus

Research space – Health Sciences Campus

Research space – West Research Campus

Animal facilities

#### **Clinical Enterprise**

#### Millennial Campus

#### Athletics

#### Facilities and Support

Facilities Services consolidation

Consolidating University Police Operations, Parking, and Environmental Health & Safety

Relocated higher administrative functions

Office / surge space building

Visitor Center / Admissions location

Hazardous waste disposal and storage at Medical Heating facility

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Alumni – University Conference Center

#### Draft Capital Project Plan

# Highly Essential Projects List: Health Sciences Campus

#### Academic

Brody Modernization / Reassignment

Medical Education Expansion

Student Services Building

#### **Clinical Enterprise**

**New Cancer Center** 

Ambulatory Outpatient Clinics

Ancillary Outpatient Support

#### Research

**Research Expansion** 

#### **Facilities and Support**

Utility Infrastructure / Academics

**IT Infrastructure Upgrades** 

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Stantonsburg Rd

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# Highly Essential Projects List: Main Campus

#### Academic and Research

Academic A Building (Education and Business)

Speight Renovation

**Bate Renovation** 

**Bio-Sciences Building** 

HHP Research Gym

**HHP** Addition

**Howell Sciences Renovation** 

**Christenbury Demolition** 

#### **Special Use**

Performing Arts Center

**Student Union** 

Transit Hub

#### **Facilities and Support**

Utility Infrastructure / Academics

IT Infrastructure Upgrades

Facility Services Building

Police, Parking and Environmental Safety Building

# Task 4:

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# Physical Planning Alternative Scenarios

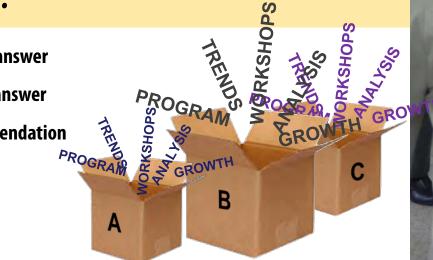
# Alternatives Process

## What is a Campus Alternative?

- What if? brainstorming
- A spur for campus discussion and debate
- Multiple ways to meet similar campus needs
- A collection of ideas –some interchangeable
- Big thinking and long-term view

#### *It's NOT....*

- The final answer
- The easy answer
- A recommendation





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# **Alternatives Process**

## **Today's Process**

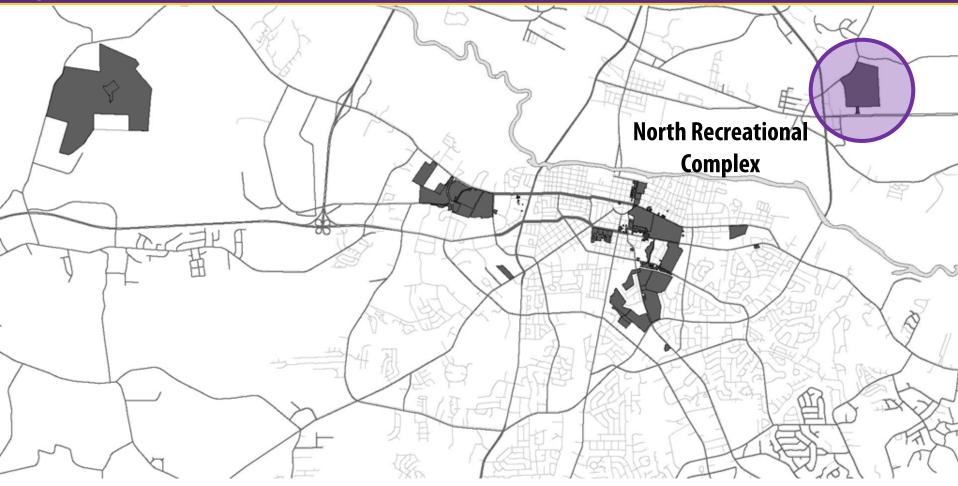
- **Background for each Campus** ۲
- **Alternative Scenario Presentation**
- Discussion
- Immediate dialog

## Additional Feedback

- Workbook ٠
- Survey
- **Campus/Community Feedback**
- More thoughtful response



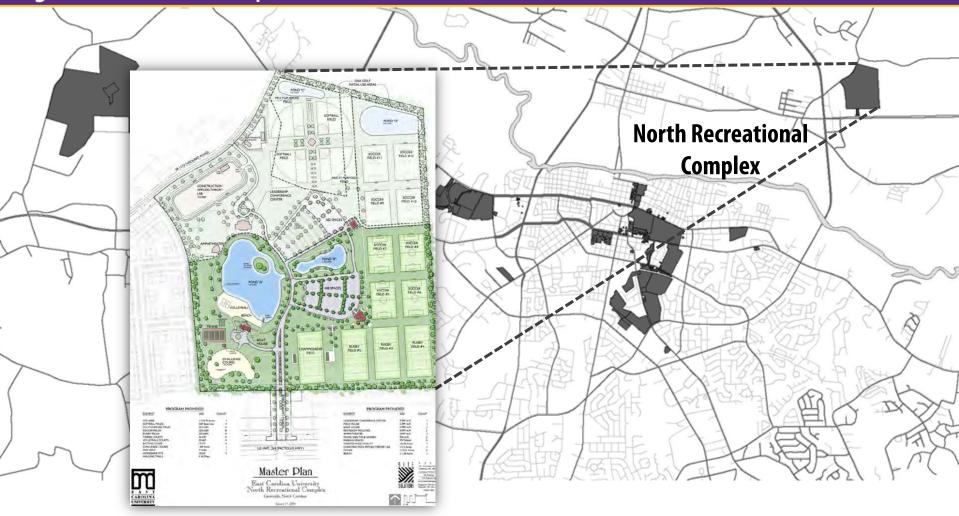
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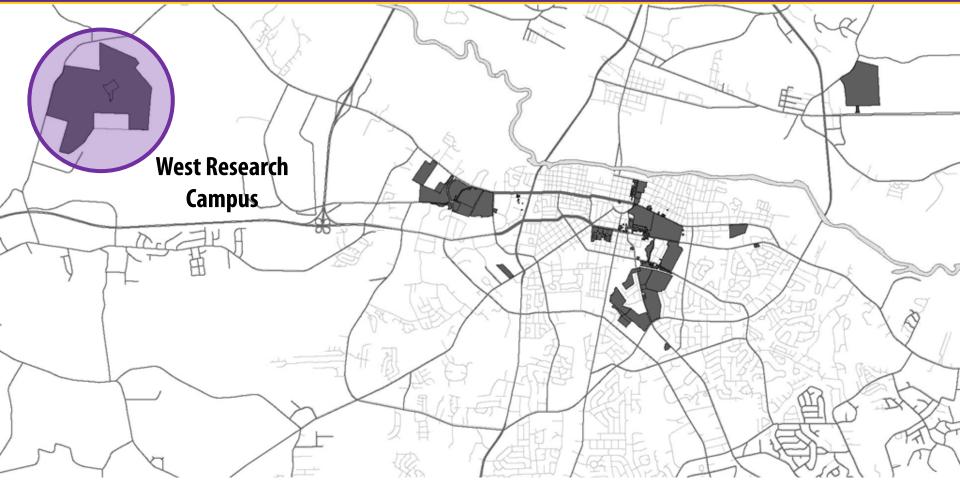
- A previous Master Plan is in place and currently Phase 1 is complete
- Future plans meet the needs of recreational demand for the campus



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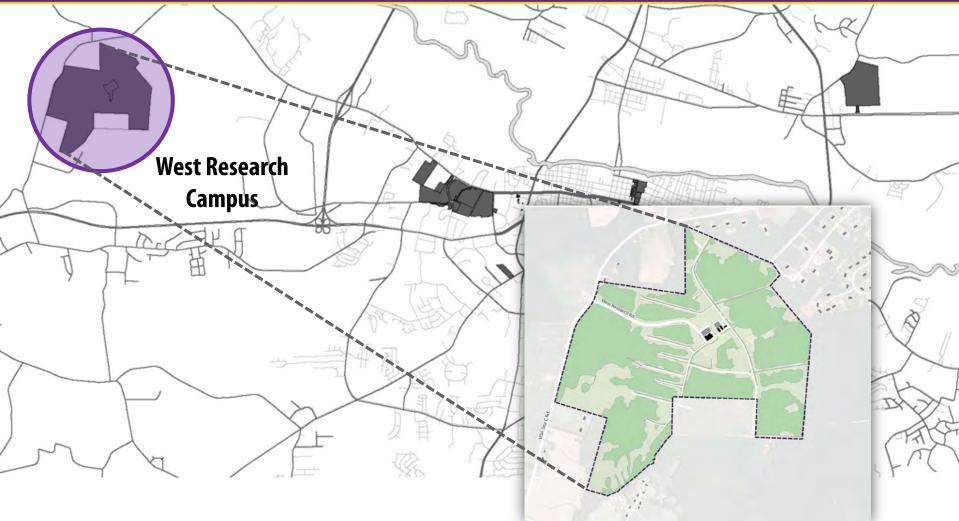
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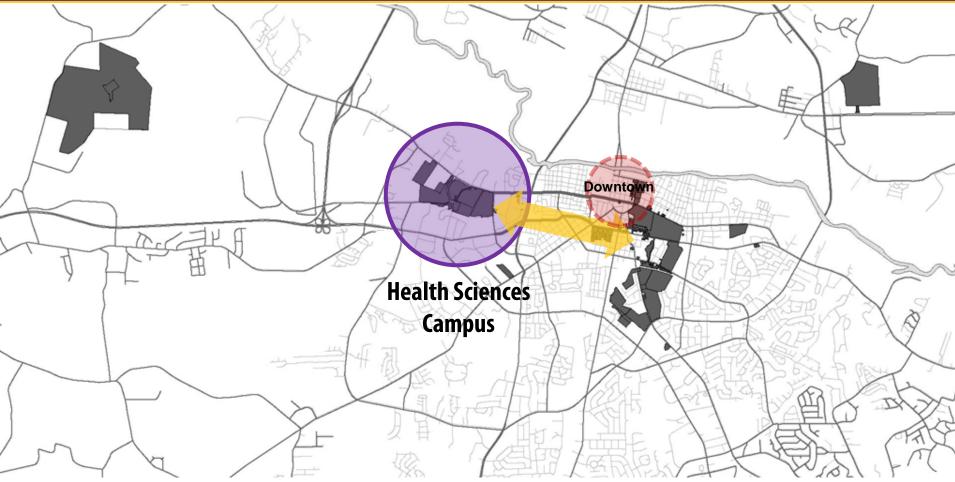
- Mainly wetland area, occupies 367 acres of 580 acre site
- Existing use of field research area is a good existing and future use of this site
- Lack of utility infrastructure makes further development here costly



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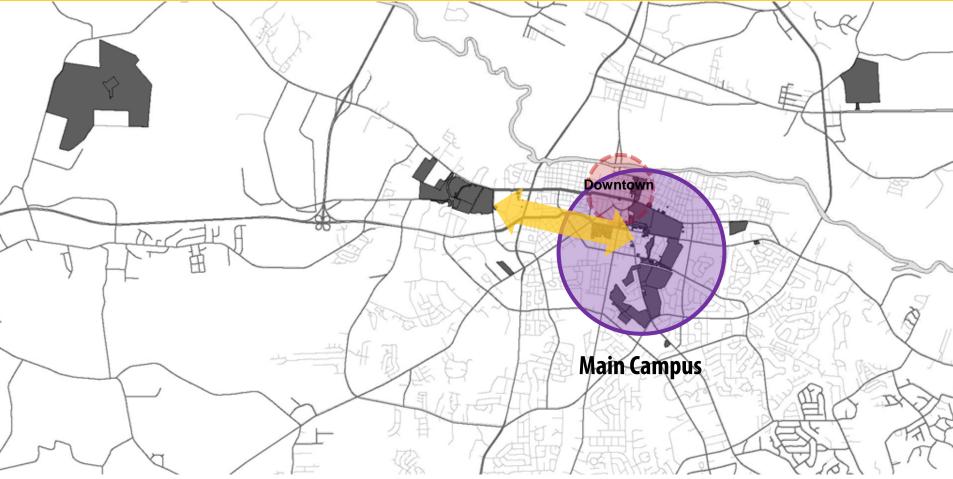
- Mainly wetland area, occupies 367 acres of 580 acre site
- Existing use of field research area is a good existing and future use of this site
- Lack of utility infrastructure makes further development here costly



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- Primary location for existing future Medical Education facilities, Outpatient Care and Research
- Opportunities for growth within and outside of campus boundaries
- Important to link HSC and Main Campus in a meaningful and functional way
- Incorporate future strategies for ECU campus opportunities in downtown Greenville



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- Primary location for traditional academic courses of study, athletics and student life
- Opportunities for growth within and outside of campus boundaries
- Important to link Main and HSC campuses in a meaningful and functional way
- Incorporate future strategies for ECU campus opportunities in downtown Greenville

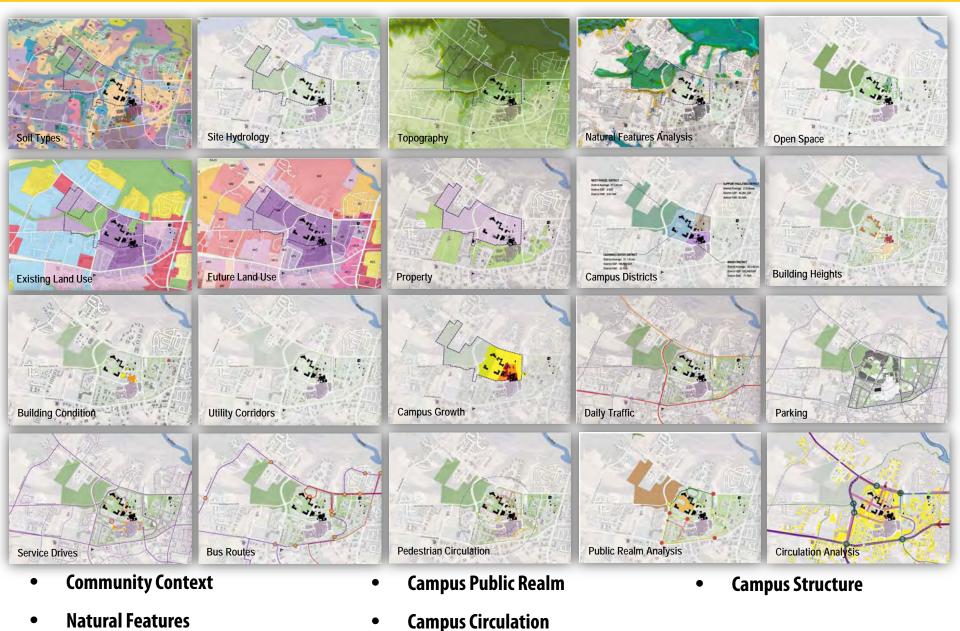
# Task 4:

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# Physical Planning Alternative Scenarios HEALTH SCIENCES CAMPUS

#### Health Sciences Campus Site Inventory and Analysis



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#### Health Sciences Campus Site Framework Plan



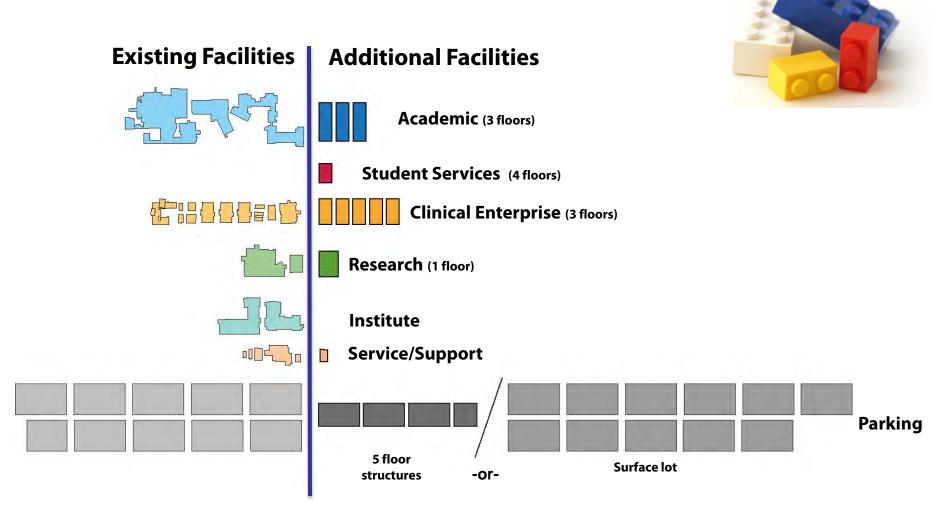


#### Assumes:

- Preservation Areas:
  - Sacred Open Spaces
  - Environmental (Flood plains, steep slopes, etc.)
- Demolition candidates and re-use opportunities
- Existing property
- Key opportunities for potential development zones or property "linkages"
- Off-campus private development zone advantages

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#### Health Sciences Campus Alternative Scenarios Overview

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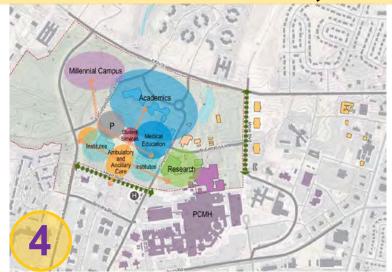
#### **Partner With PCMH**



#### Moye Village



#### **Institution Zone Density**



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#### Health Sciences Campus Scenario 1: Live Within Your Means



- Ambulatory / Ancillary Care develops on the west side of Moye
- Medical Education fronts 5<sup>th</sup>
- Institute expansion to the south
- Research expansion with in existing vivarium / Brody complex

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#### Health Sciences Campus Scenario 1: Live Within Your Means



#### LEGEND

	PROPOSED STUDENT SERVICES		PRO
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	EXISTING ACADEMIC USE		PRO
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	PROPOSED RESEARCH USE		CA
	EXISTING FACILITIES/SUPPORT	G	HE

	PROPOSED PARKING DECK
1	PITT COUNTY USE
_	NON CAMPUS USE
	PROPOSED OPEN SPACE
1111	PEDESTRIAN LINKS
-	ROAD RECONFIGURATION
1111	COMPLETE STREET
	CAMPUS BOUNDARY
0	HELICOPTER PAD

- 1. A new Medical Education Building and Medical Academic expansion fronts 5<sup>th</sup> Street
- 2. A new Student Services building is central to the campus
- 3. Ambulatory and Ancillary facilities are located on the west side of Moye, with adjacent parking facilities east of Moye
- 4. A new Cancer Center is located as part of this ambulatory zone
- 5. A Vivarium expansion occurs adjacent to Warren Life Sciences
- 6. Brody can be repurposed as office and research space
- 7. A parking deck is added to serve the academic and institution zones

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#### Health Sciences Campus Scenario 2: Moye Village

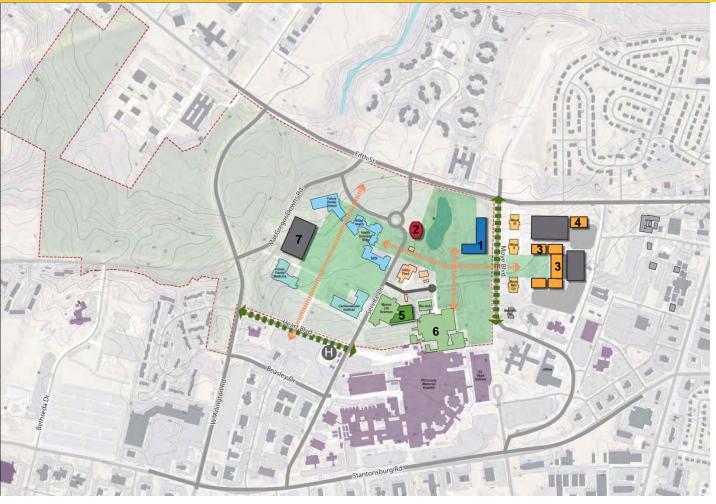


- Ambulatory / Ancillary Care develops on the east side of Moye
- Medical Education fronts Moye/5th
- Institute expansion to the south
- Research expansion with in existing vivarium / Brody complex

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#### Health Sciences Campus Scenario 2: Moye Village



#### LEGEND

PROPOSED STUDENT SERVICES		PROPOS
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EXISTING ACADEMIC USE		PROPOS
PROPOSED ACADEMIC USE	1000	PEDEST
EXISTING INSTITUTIONAL USE	-	ROAD R
EXISTING RESEARCH USE	11111	COMPLE
PROPOSED RESEARCH USE		CAMPU
EXISTING FACILITIES/SUPPORT	G	HELICO



- A new Medical Education Building is located off of Moye and 5<sup>th</sup>
- 2. A new Student Services building is central to the campus
- 3. Ambulatory and Ancillary facilities are located on the east side of Moye, with adjacent parking facilities
- 4. A new Cancer Center is located as part of this ambulatory zone, off of 5<sup>th</sup>
- 5. A Vivarium expansion occurs adjacent to Warren Life Sciences
- 6. Brody can be repurposed as office and research space
- 7. A parking deck is added to serve the academic and institution zones

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#### Health Sciences Campus Scenario 3: Partner With PCMH

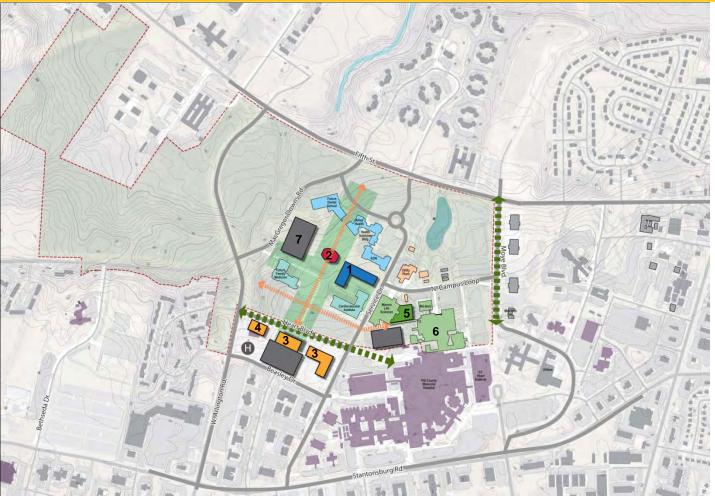


- Ambulatory / Ancillary
  Care develops south of
  Heart Blvd.
- Medical Education develops between Academics and Institutes
- Institute expansion to the south
- Research expansion with in existing vivarium / Brody complex

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#### Health Sciences Campus Scenario 3: Partner With PCMH



#### LEGEND

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	PROPOSED STUDENT SERVICES		PRO
	PROPOSED CLINCAL USE	ľ	PITT
	EXISTING CLINICAL USE		NON
	EXISTING ACADEMIC USE		PRO
	PROPOSED ACADEMIC USE	111110	PEDE
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	PROPOSED RESEARCH USE		CAM
	EXISTING FACILITIES/SUPPORT	Ð	HELI

	PROPOSED PARKING DECK
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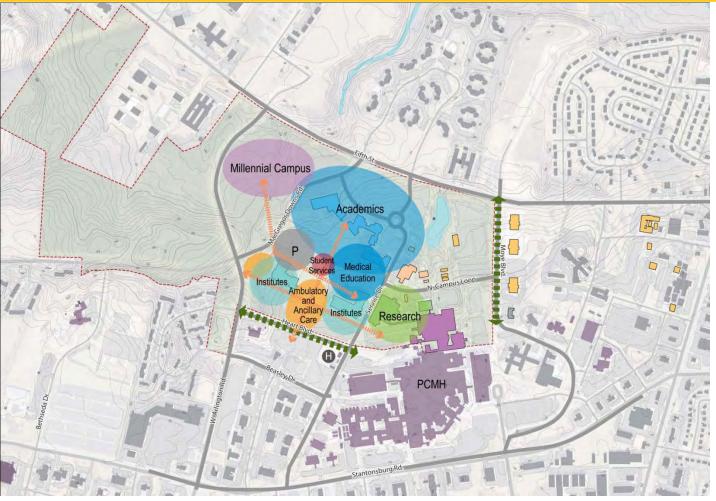
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- 1. A new Medical Education Building is located between the Allied Health building and the Cardiovascular Institute
- 2. A new Student Services building is central to the academic and institutional zones
- 3. Ambulatory and Ancillary services are located to the south of Heart / Emergency Blvd.
- 4. A new Cancer Center is also located south of Heart Blvd.
- 5. A Vivarium expansion occurs adjacent to Warren Life Sciences
- 6. Brody can be repurposed as office and research space
- 7. A parking deck is added to serve the academic and institution zones

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#### Health Sciences Campus Scenario 4: Institution Zone Density



- Ambulatory / Ancillary Care develops within Institute zone
- Medical Education develops between Academics and Institutes
- Research expansion with in existing vivarium / Brody complex
- Millennial Campus opportunities in Brody and expansion west of MacGregor Downs

#### Health Sciences Campus Scenario 4: Institution Zone Density



#### LEGEND

PROPOSED STUDENT SERVICES		PROPOS
PROPOSED CLINCAL USE	Y	PITT CO
EXISTING CLINICAL USE		NONCA
EXISTING ACADEMIC USE		PROPOS
PROPOSED ACADEMIC USE	0000	PEDEST
EXISTING INSTITUTIONAL USE	-	ROAD R
EXISTING RESEARCH USE	11111	COMPLI
PROPOSED RESEARCH USE		CAMPU
EXISTING FACILITIES/SUPPORT	G	HELICO

	PROPOSED PARKING DECK
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	PROPOSED OPEN SPACE
1111	PEDESTRIAN LINKS
-	ROAD RECONFIGURATION
1111	COMPLETE STREET
	CAMPUS BOUNDARY
8	HELICOPTER PAD

- 1. A new Medical Education Building is located between the Allied Health building and the Cardiovascular Institute
- 2. A new Student Services building is central to the academic and institutional zones
- 3. Ambulatory and Ancillary facilities are located in between the Cardiovascular and Family Medicine Institutes
- 4. A new Cancer Center is located off of MacGregor Downs
- 5. A Vivarium expansion occurs in next to Warren Life Sciences
- 6. Brody can be an opportunity for a Millennial Campus
- 7. A Millennial Campus expansion can occur west of MacGregor Downs

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8. A parking deck is added to serve the academic and institution zones

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#### Health Sciences Campus Alternative Scenarios Discussion

#### **Live Within Your Means**



#### **Partner with PCMH**



## Moye Village



#### **Institution Zone Density**



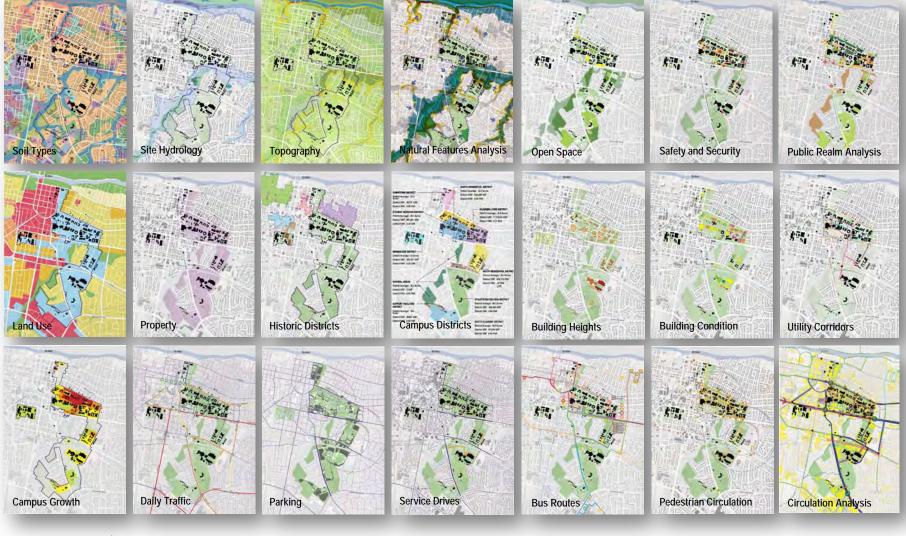
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# Task 4: Physical Planning Alternative Scenarios MAIN CAMPUS

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#### Main Campus Site Inventory and Analysis



- Community Context
- Natural Features

**Campus Public Realm** 

Campus Structure

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Campus Circulation

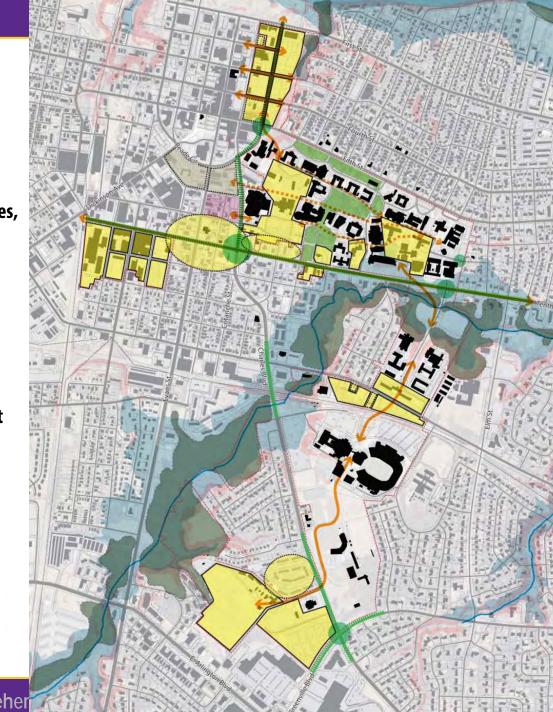
#### Main Campus Site Framework Plan

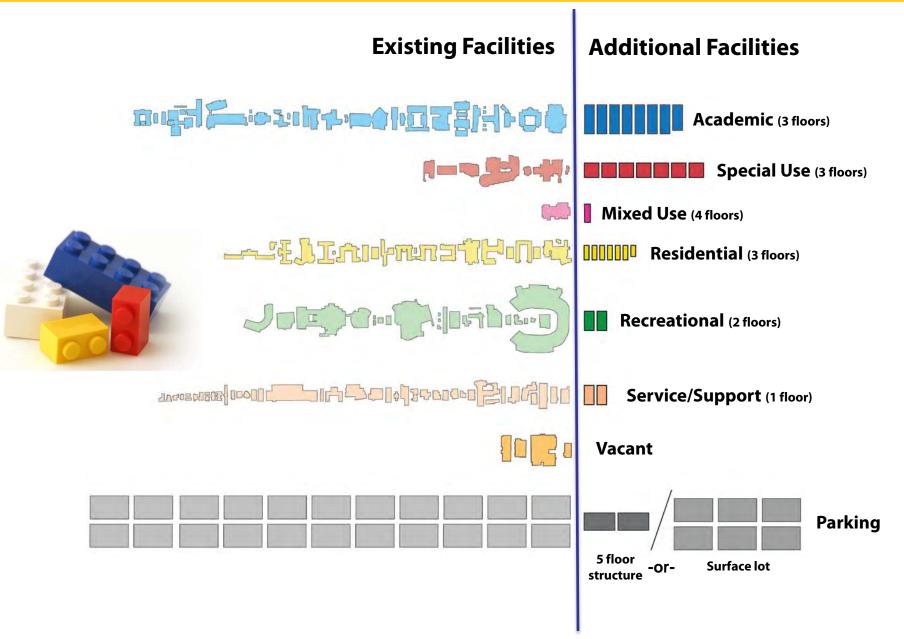
Assumes:

- Preservation Areas
  - Sacred Open Spaces
  - Environmental (Flood plains, steep slopes, etc.)
- Existing Athletics Master Plan
- Demolition candidates and re-use opportunities
- Existing property
- Key opportunities for potential development zones or property "linkages"
- Off-campus private development zone advantages
- Future off -campus transportation hub



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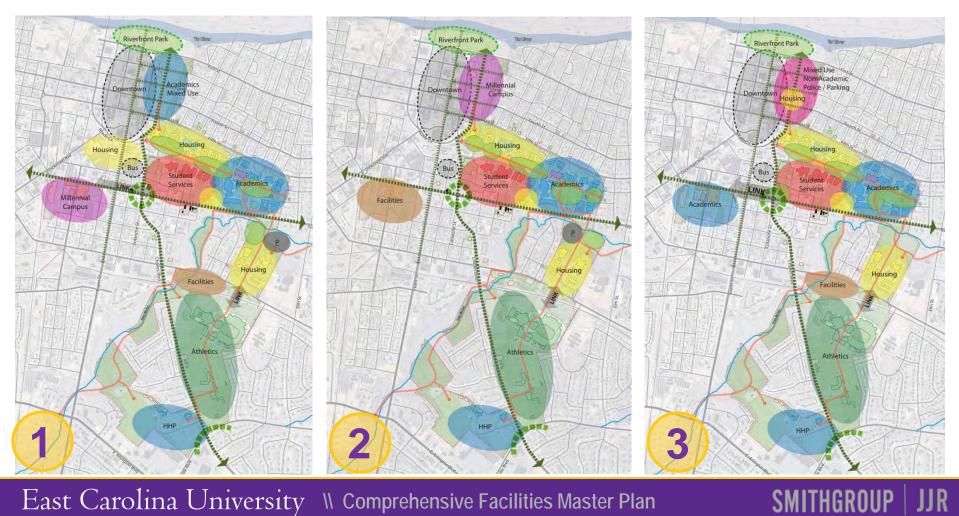
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## **Go North**

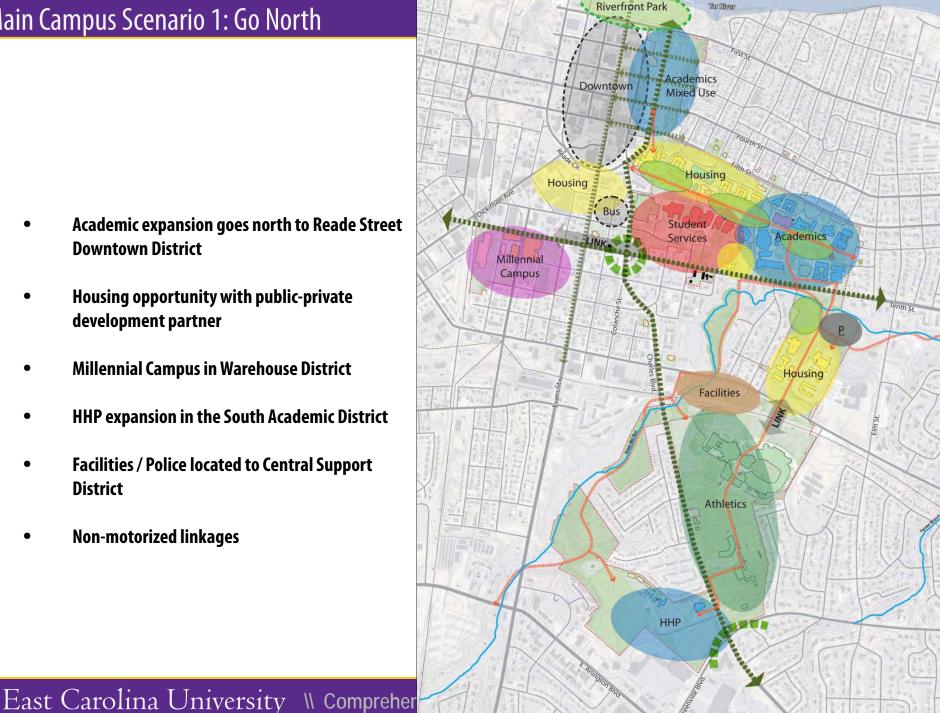
# **Campus Density**

#### **Go West**



#### Main Campus Scenario 1: Go North

- Academic expansion goes north to Reade Street **Downtown District**
- Housing opportunity with public-private development partner
- Millennial Campus in Warehouse District
- **HHP expansion in the South Academic District**
- Facilities / Police located to Central Support District
- Non-motorized linkages



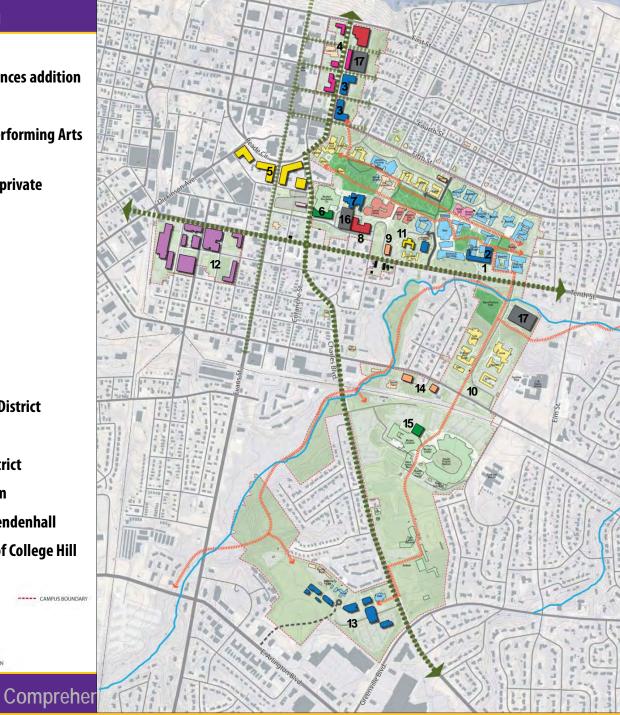
## Main Campus Scenario 1: Go North

- 1. Demolition of Christenbury Gym
- 2. Reconfiguration of Howell to allow for a Biosciences addition
- 3. New Academic A building off of Reade Street
- 4. Mixed use (retail and hotel/conference) with Performing Arts Center also located on Reade Street
- 5. Residential expansion opportunity with public-private development
- 6. Expansion of Student Recreation Center
- 7. Mendenhall reassignment to classroom / office
- 8. New Student Union south of Joyner / frontage
- 9. New Alumni Center off of 10<sup>th</sup> Street
- 10. Demolition of Belk Residence Hall
- 11. Slay Hall returned to housing
- 12. Millennial Campus development in Warehouse District
- 13. HHP expansion in South Academic District

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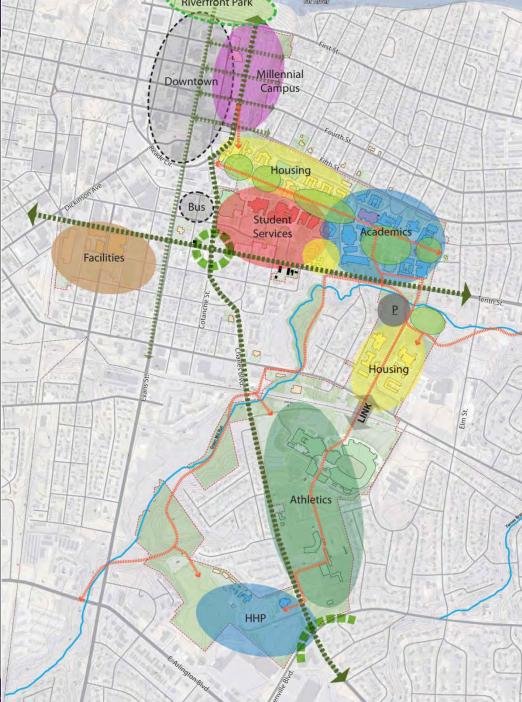
- 14. Facilities / Police located in Central Support District
- 15. Basketball Practice addition on Minges Coliseum
- 16. A parking deck is constructed in the south of Mendenhall
- 17. Additional parking decks can be located north of College Hill and along Reade Street





#### Main Campus Scenario 2: Campus Density

- Academic expansion densifies in existing Academic Core
- Housing densifies in South Residential District
- Millennial Campus locates in Downtown District
- HHP expansion in the South Academic District
- Facilities / Police locates to Warehouse District
- Non-motorized linkages



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#### Main Campus Scenario 2: Campus Density

- 1. Christenbury Gym reuse for Alumni Center
- 2. Reconfiguration of Howell to allow for a Biosciences addition
- 3. Demolition of Austin Building
- 4. Academic A Building fronts 10<sup>th</sup> Street
- 5. Belk Residence Hall demolished, Belk replacement and new Living/Learning Complex (900 beds total) + new linkage across RR
- 6. Slay Hall converted back to housing
- 7. Expansion of Student Recreation Center
- 8. Mendenhall reassignment to classroom / office / conference
- 9. New Student Union located in north campus green
- 10. Millennial Campus / hotel on Reade Street Corridor
- 11. HHP expansion in South Academic District

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- 12. Facilities / Police located in Warehouse District
- 13. Basketball Practice addition on Minges Coliseum
- 14. A parking deck and Performing Arts is constructed in the south of Mendenhall
- 15. Additional parking decks can be located north of College Hill and along Reade Street



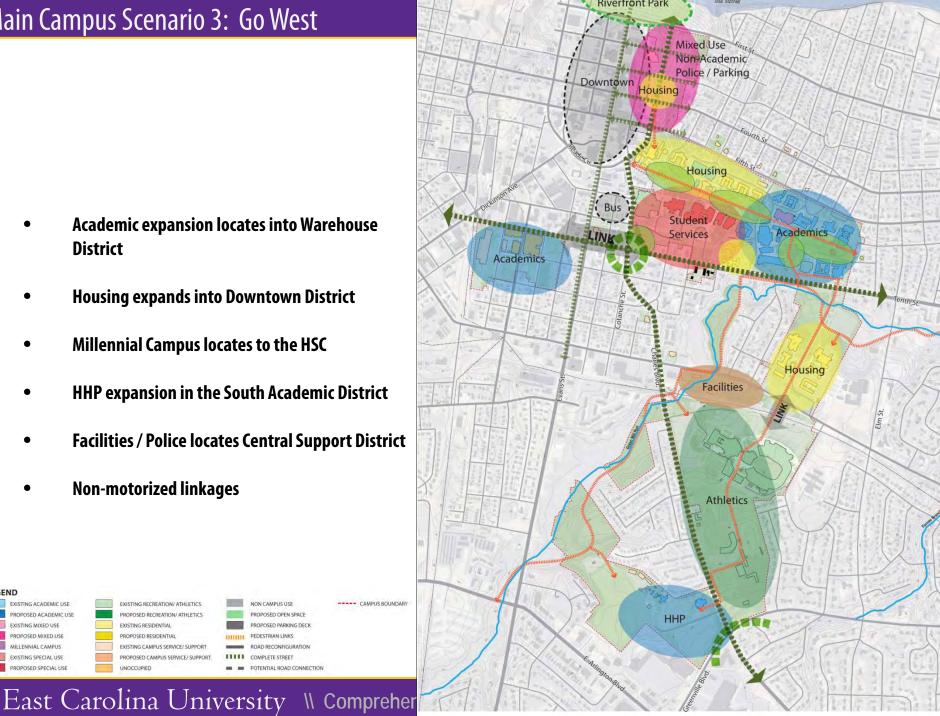
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#### Main Campus Scenario 3: Go West

- Academic expansion locates into Warehouse District
- Housing expands into Downtown District
- Millennial Campus locates to the HSC
- **HHP expansion in the South Academic District**
- Facilities / Police locates Central Support District
- Non-motorized linkages



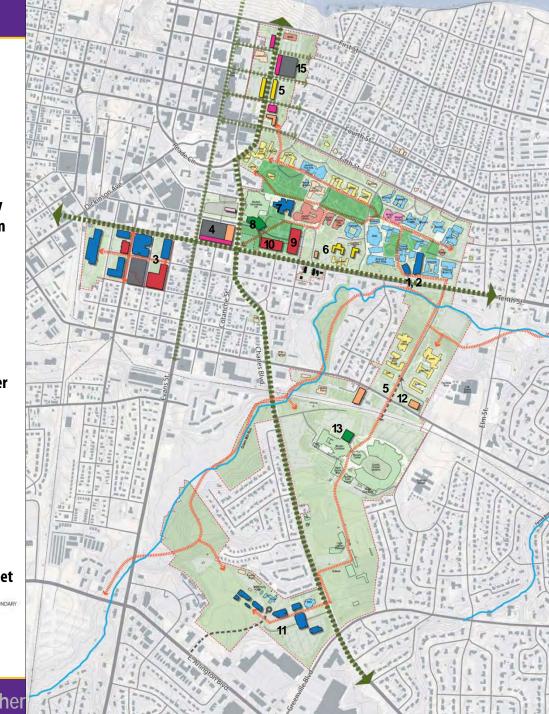


## Main Campus Scenario 3: Go West

- 1. Christenbury Gym demolition
- 2. New Biosciences complex wedge south east of Howell
- 3. Warehouse District becomes new location for Academic A expansion, and a Performing Arts Center
- 4. Opportunity to expand west on 10<sup>th</sup> by incorporating a parking deck with mixed use
- 5. Belk Residence Hall demolished, Belk replacement and new Living/Learning Complex (900 beds total) within Downtown District
- 6. Slay Hall converted back to housing, opportunity for small housing building here
- 7. Mendenhall reassignment to classroom / office
- 8. Expansion of Student Recreation Center
- 9. New Student Union located in entrance loop south of Joyner
- 10. Future opportunity for campus expansion and gateway on 10<sup>th</sup> and Charles
- 11. HHP expansion in South Academic District
- 12. Facilities / Police located in Central Support District
- 13. Basketball Practice addition on Minges Coliseum
- 14. Millennial Campus located to HSC
- 15. An additional parking deck can be located along Reade Street



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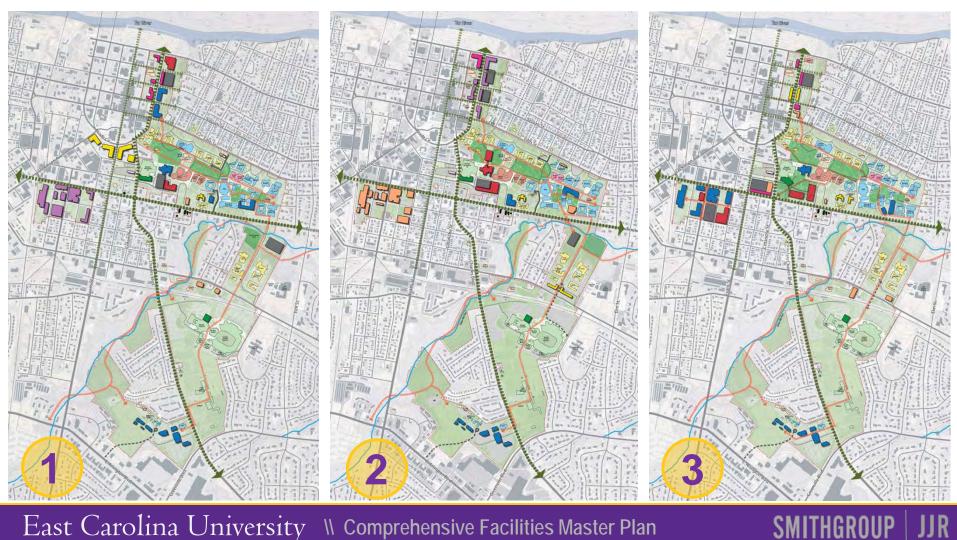


#### **Go North**

## **Campus Density**

#### **Go West**

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#### Next Steps

- Campus community to review and respond to alternatives workbook
- Comments received until January 10, 2011
- SG/JJR to prepare a preferred concept by mid-February, 2011



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