East Carolina University

Comprehensive Facilities Master Plan

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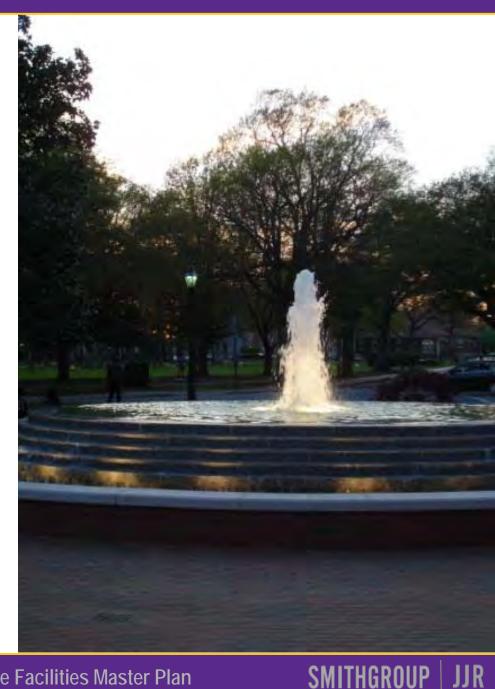
Eva Klein & Associates Brailsford & Dunlavey RMF Engineers Martin Alexiou Bryson Protection Engineering Group ISES

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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"



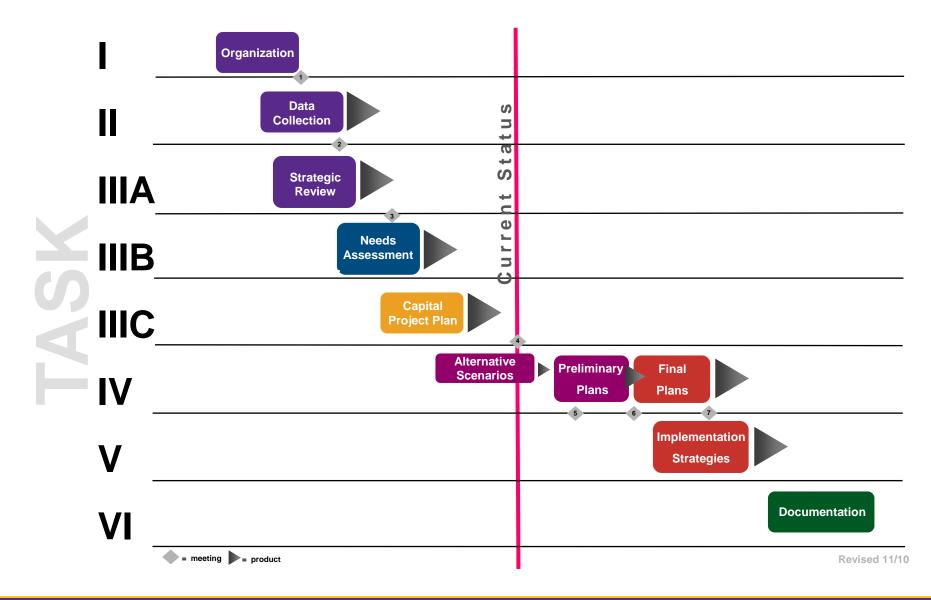
Master Plan Purpose and Goals

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

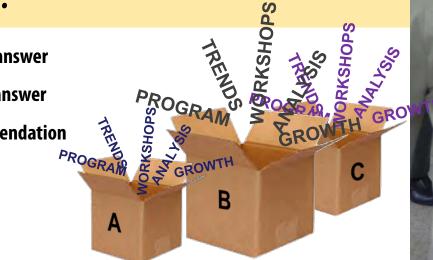
Alternatives Process

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

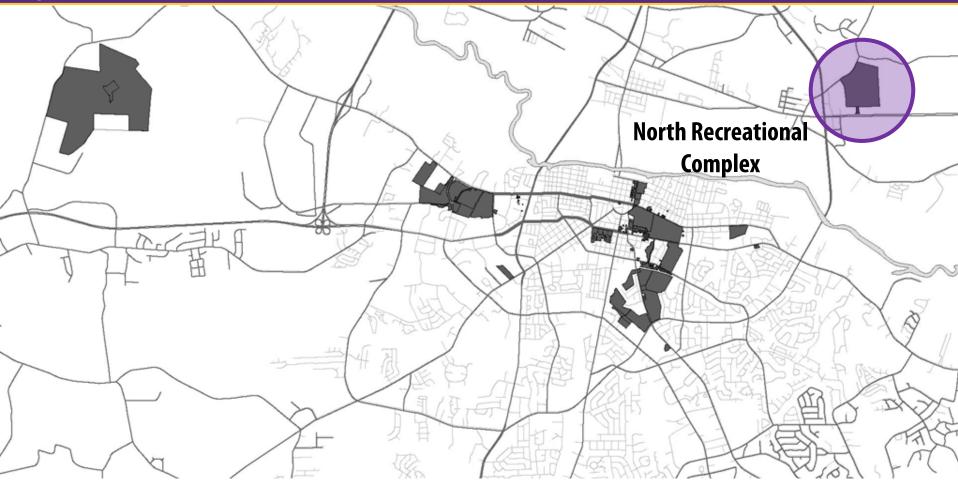
- **Background for each Campus** ۲
- **Alternative Scenario Presentation**
- Discussion
- Immediate dialog

Additional Feedback

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



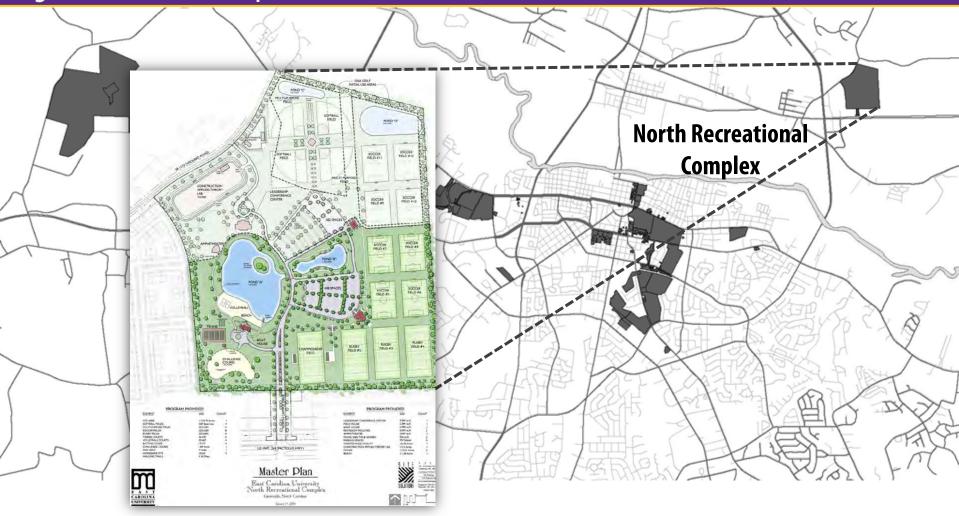
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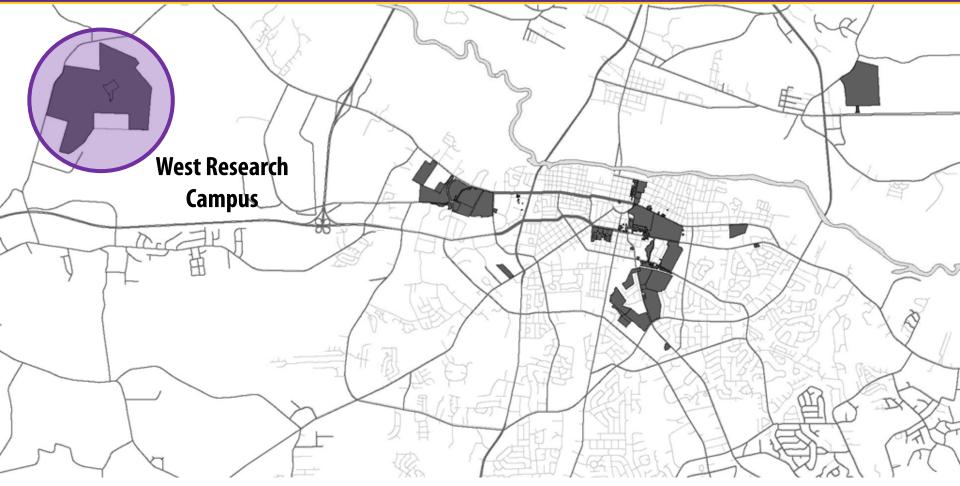
- A previous Master Plan is in place and currently Phase 1 is complete
- Future plans meet the needs of recreational demand for the campus



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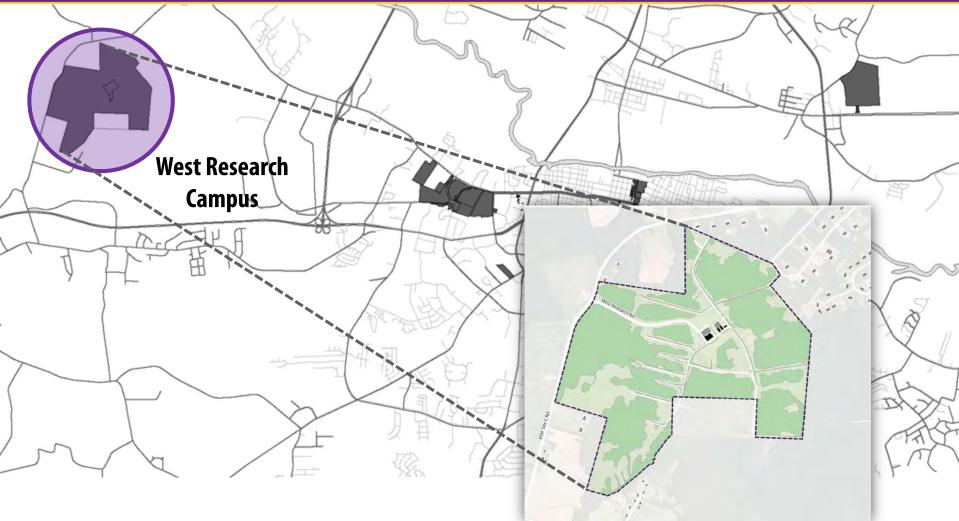
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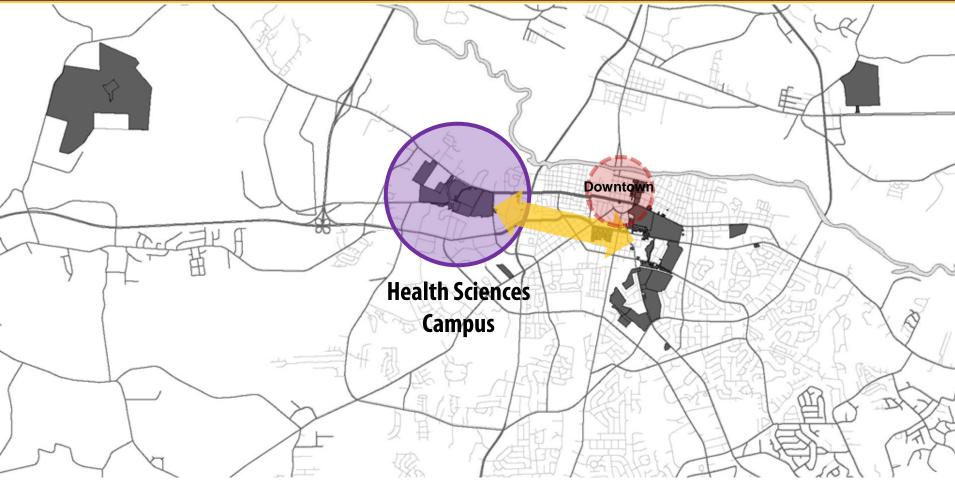
- Mainly wetland area, occupies 367 acres of 580 acre site
- Existing use of field research area is a good existing and future use of this site
- Lack of utility infrastructure makes further development here costly



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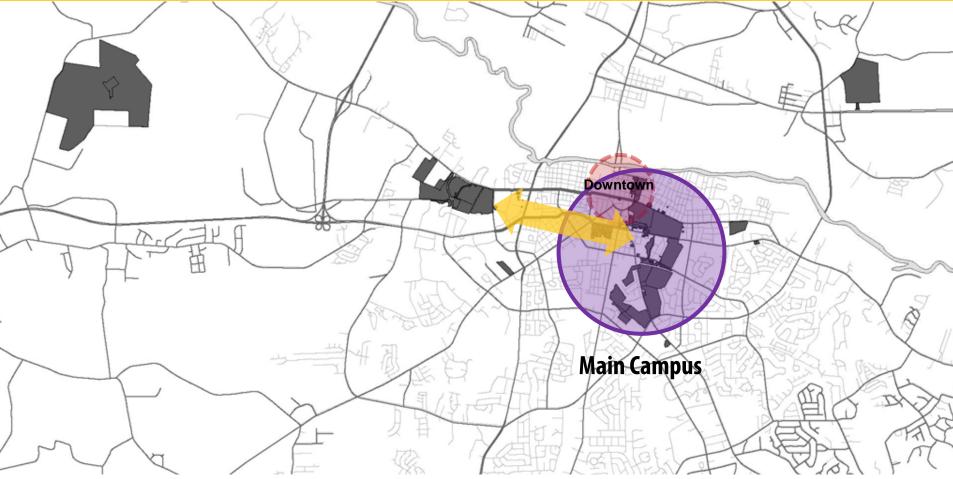
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- Existing use of field research area is a good existing and future use of this site
- Lack of utility infrastructure makes further development here costly



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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

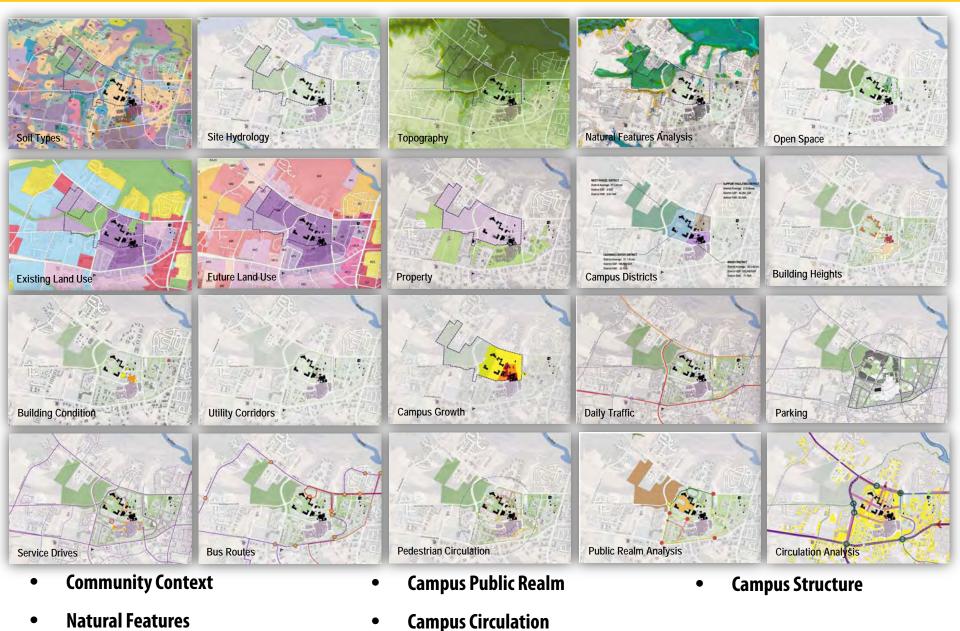
Task 4:

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Physical Planning Alternative Scenarios HEALTH SCIENCES CAMPUS

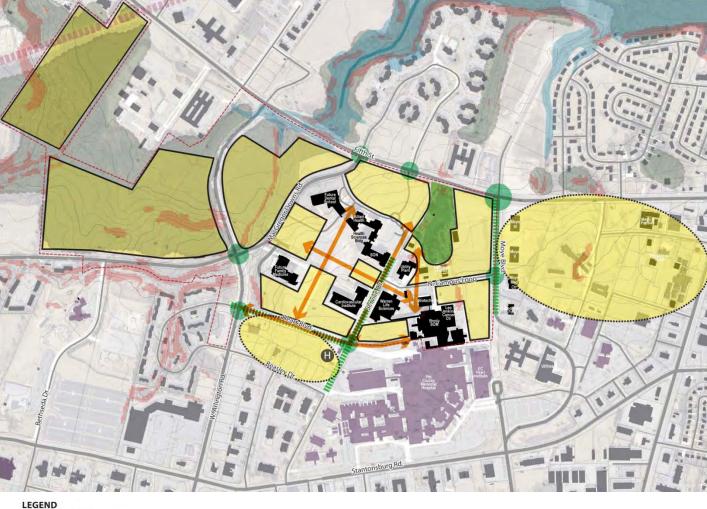
Health Sciences Campus Site Inventory and Analysis



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Health Sciences Campus Site Framework Plan



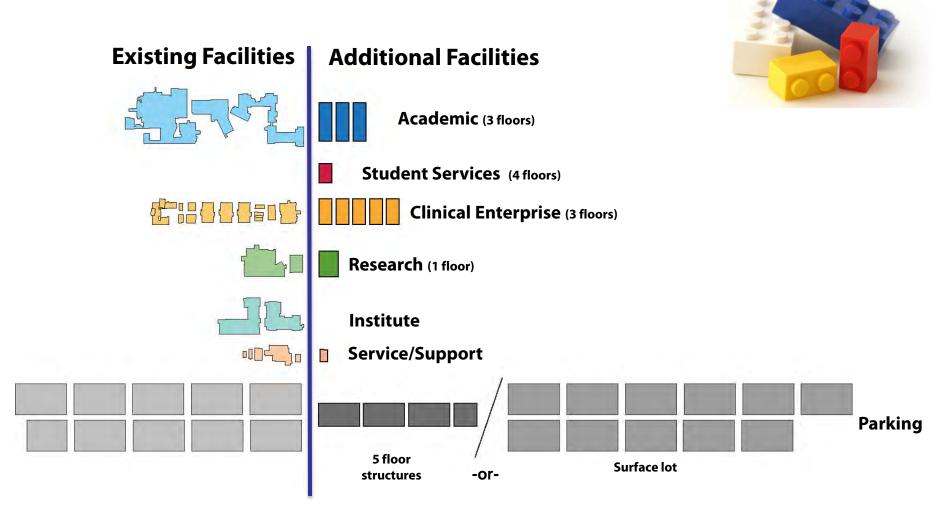


Assumes:

- 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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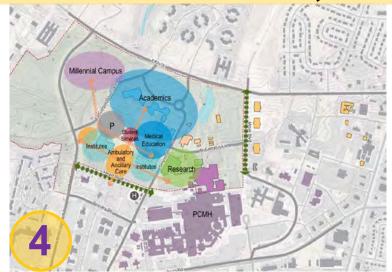
Partner With PCMH



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 5th
- 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



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- 1. A new Medical Education Building and Medical Academic expansion fronts 5th 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

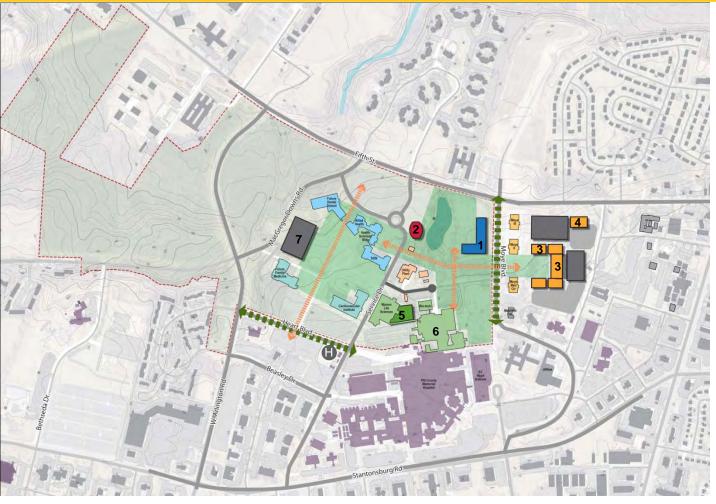


- Ambulatory / Ancillary Care develops on the east side of Moye
- Medical Education fronts Moye/5th
- Institute expansion to the south
- Research expansion with in existing vivarium / Brody complex

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Health Sciences Campus Scenario 2: Moye Village



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- A new Medical Education Building is located off of Moye and 5th
- 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 5th
- 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



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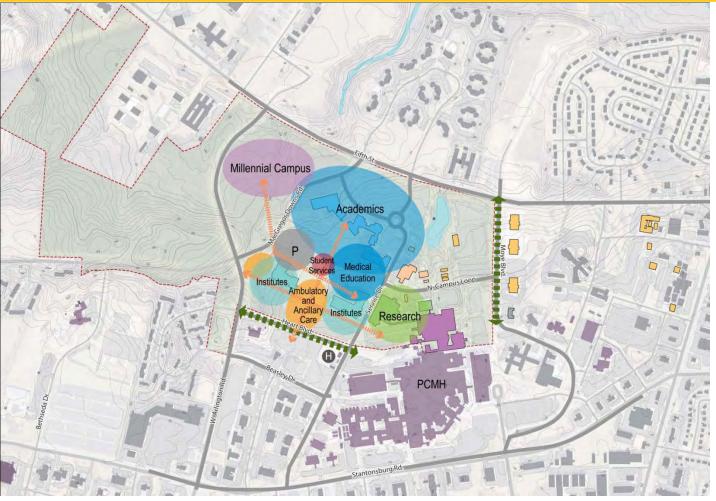
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- 1. A new Medical Education Building is located between the Allied Health building and the Cardiovascular Institute
- 2. A new Student Services building is central to the academic and institutional zones
- 3. Ambulatory and Ancillary services are 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



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| | PROPOSED PARKING DECK |
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| | PROPOSED OPEN SPACE |
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| - | ROAD RECONFIGURATION |
| 1111 | COMPLETE STREET |
| | CAMPUS BOUNDARY |
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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 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



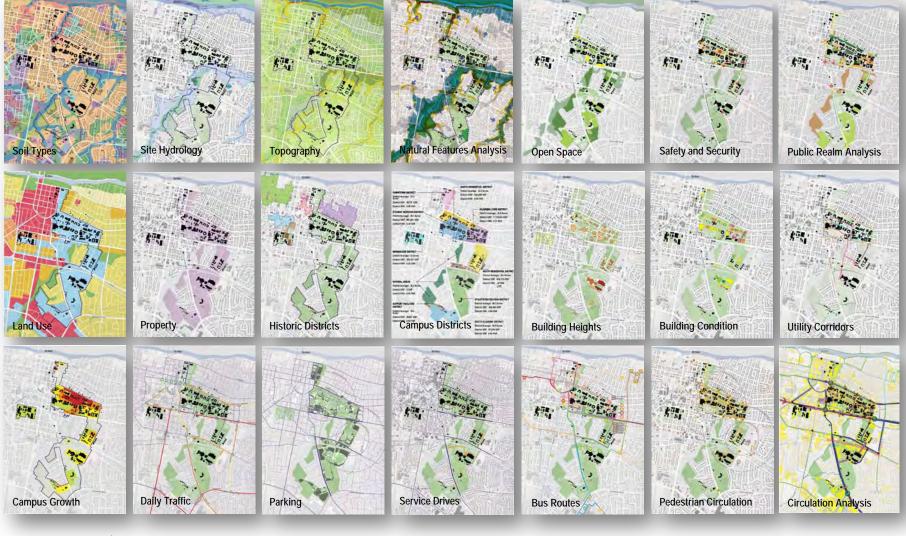
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Task 4: Physical Planning Alternative Scenarios MAIN CAMPUS

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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

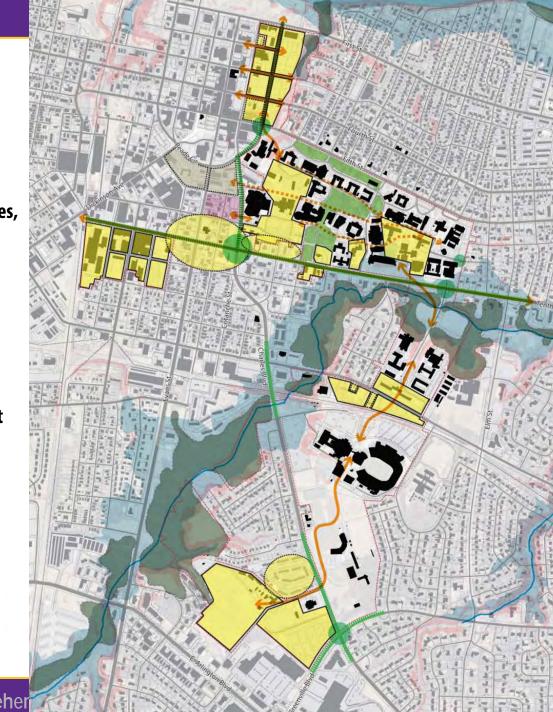
Main Campus Site Framework Plan

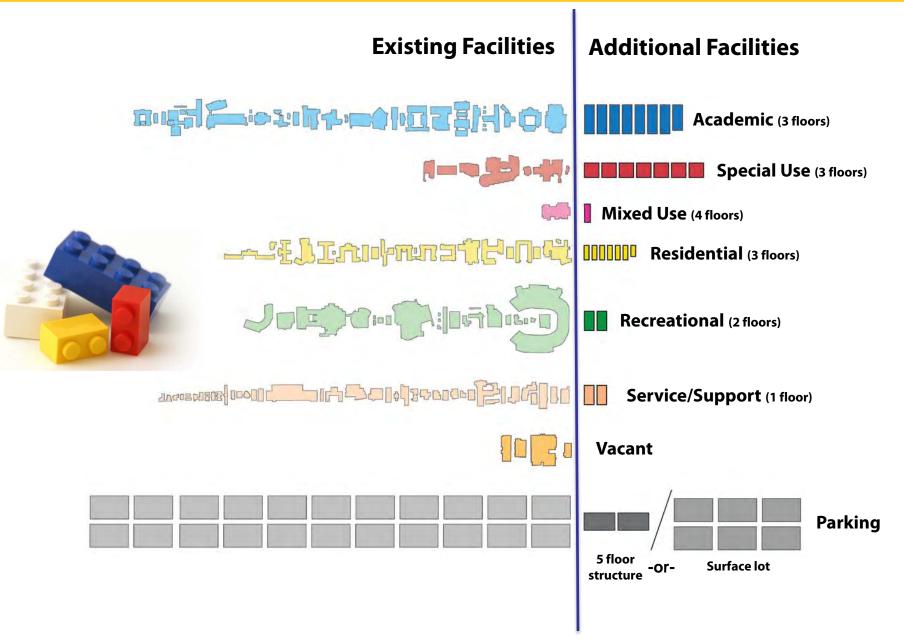
Assumes:

- 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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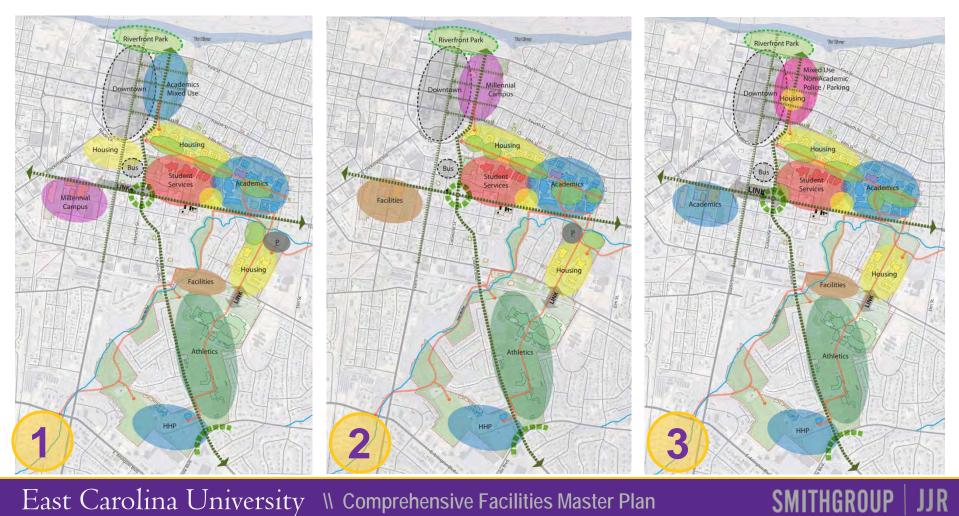
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Go North

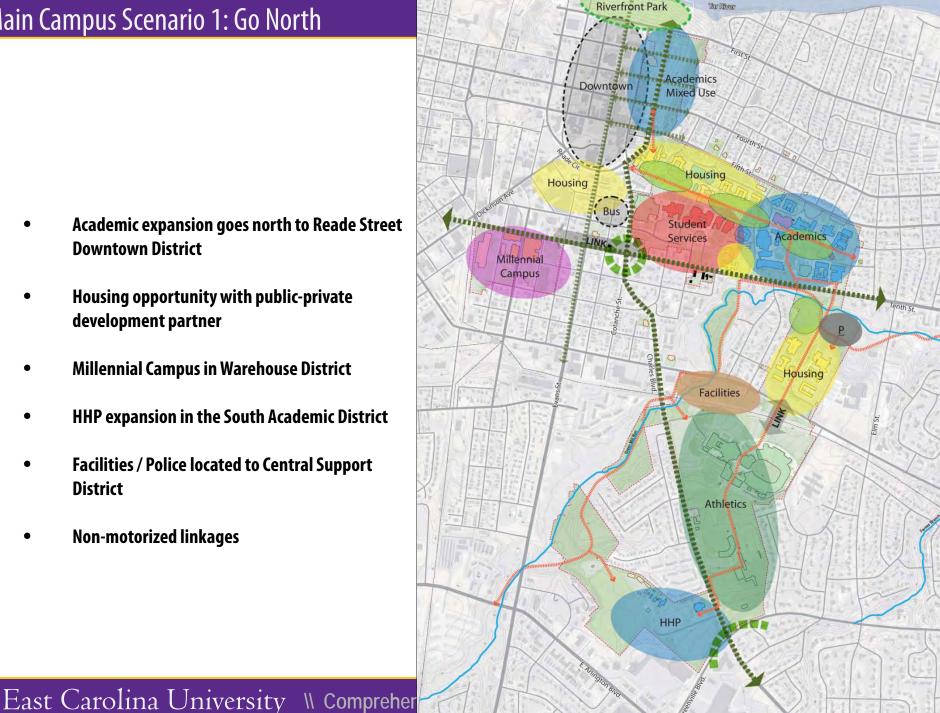
Campus Density

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



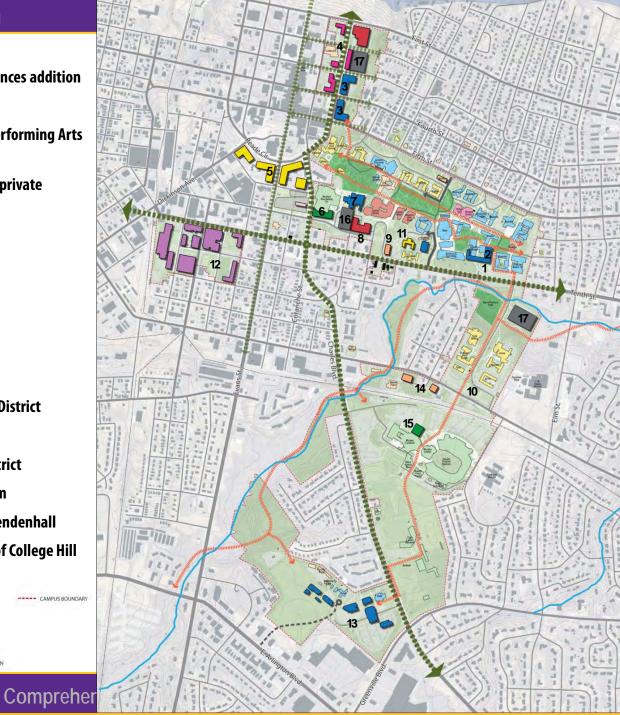
Main Campus Scenario 1: Go North

- 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 10th 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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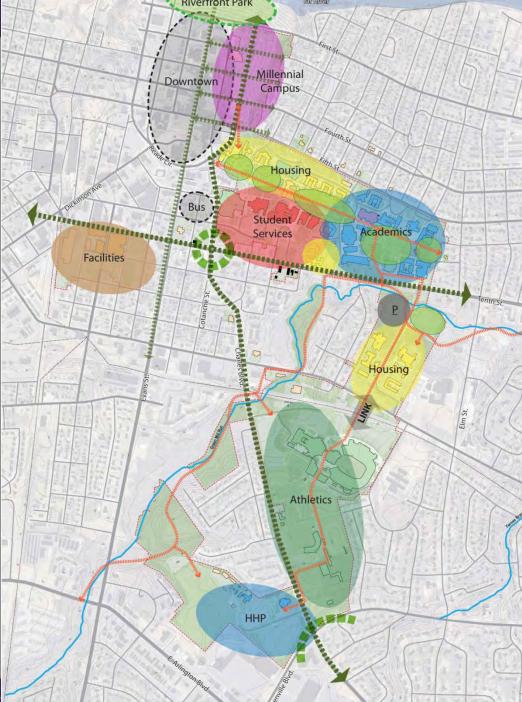
- 14. Facilities / Police located in Central Support District
- 15. Basketball Practice addition on Minges Coliseum
- 16. A parking deck is constructed in the south of Mendenhall
- 17. Additional parking decks can be located north of College Hill and along Reade Street





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 10th 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



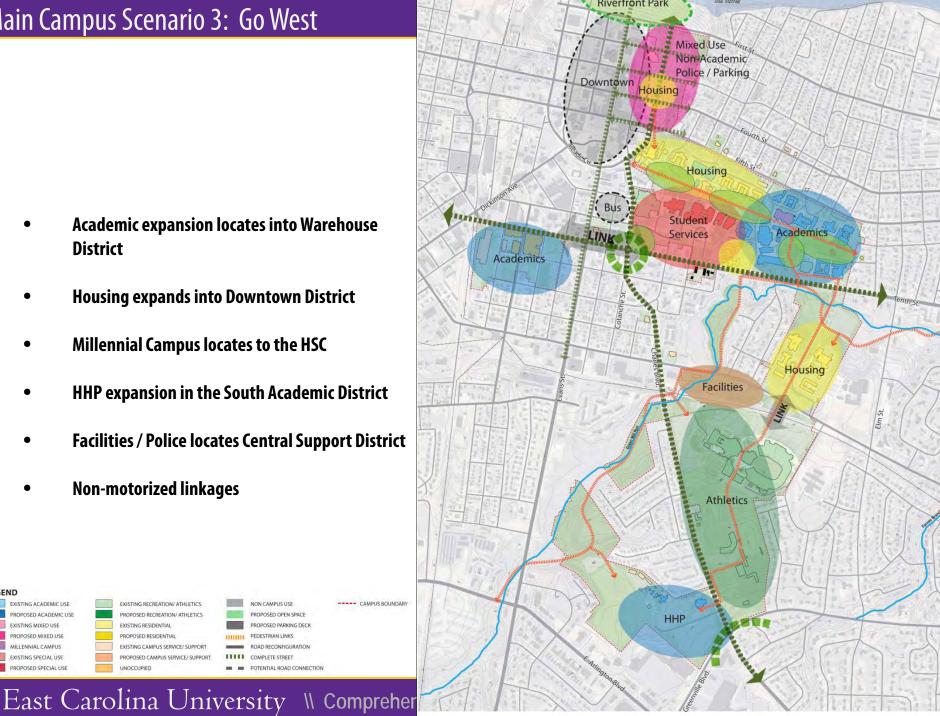
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Main Campus Scenario 3: Go West

- 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



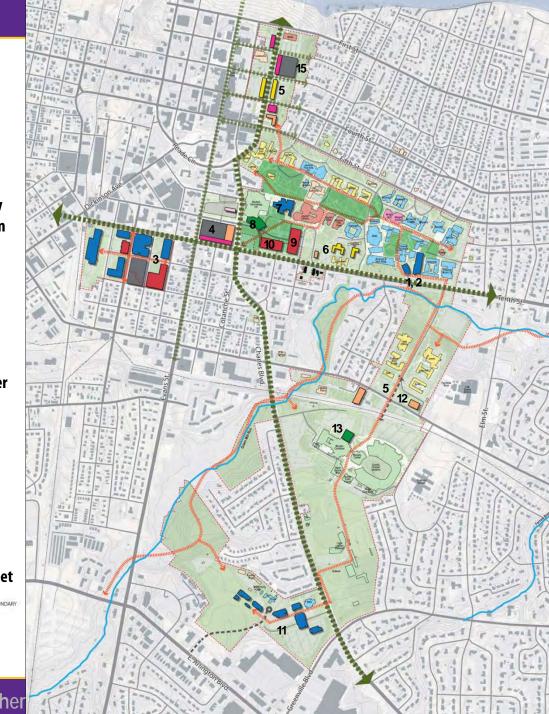


Main Campus Scenario 3: Go West

- 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 10th 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 10th 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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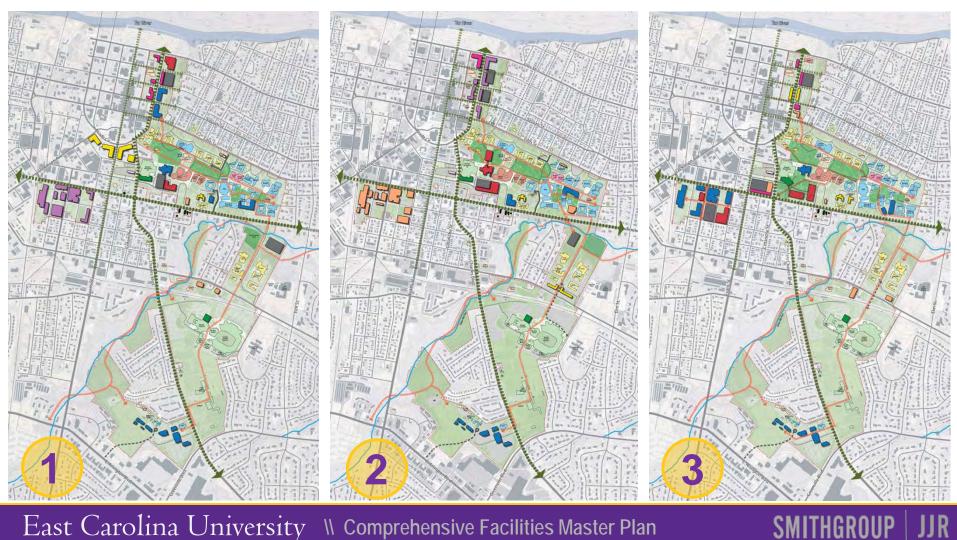


Go North

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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Website: www.ecu.edu/masterplan

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