



Carolina North Plan
University of North Carolina at Chapel Hill
for Chapel Hill Town Council
January 23, 2008



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL



Carolina North

Research and Innovation Campus

Corporate Partnerships

Faculty/Employee/Grad Housing

Service/Retail/Civic

Main Campus

Flagship Research University

Hospitals/Health Care Centers

Student Life and Housing

Mason Farm

Outreach

Recreation

Research

**discovery,
innovation
and learning**



CAROLINA NORTH

Mission and Land Use

- Core University activities at Carolina North.
 - Addressing our need for space
- Innovation Center and other activities that strengthen links with the private sector at Carolina North.
 - Addressing our need for new kinds of activity that enhance our research mission and contribution to economic development.
- Development over the next 50 years limited to 25% (approx. 250 acres) of the Carolina North site.



Developing a Plan for Carolina North: *some common themes*

1. Carolina North will support the mission of the University
2. Carolina North will be a compact, mixed-use academic community
3. Designs will support a sustainable, high-efficiency campus
4. Designs will reflect analysis, workshops, and community sessions



- Multiple Inputs:
 - Leadership Advisory Committee
 - Ecological Assessment Report
 - Infrastructure workshops
 - Community public sessions
 - Design team
 - Ayers Saint Gross & consulting team
 - University planners



Key Topics from the Leadership Advisory Committee Report

Sections I and II: General and Development Management

Section III: Fiscal equity

Section IV: Environmental principles

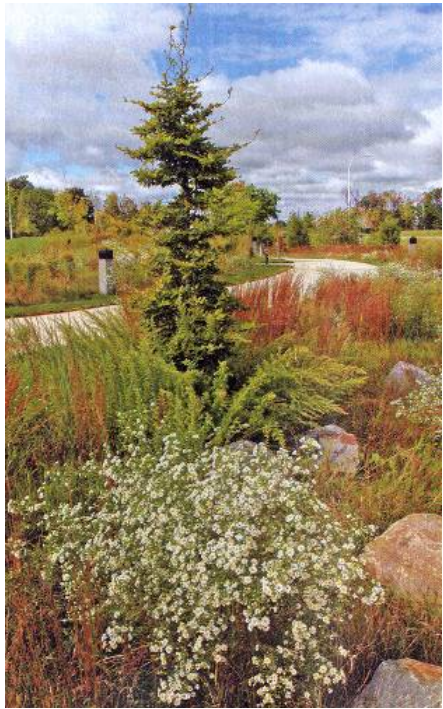
Section V: Open Space, Natural Areas, Parks and Recreation

Section VI: Housing, Schools, Commercial and Other Uses

Section VII: Transportation



Design supports a sustainable, high-efficiency campus



Stormwater



Bike/Ped



Transit



Energy Efficiency



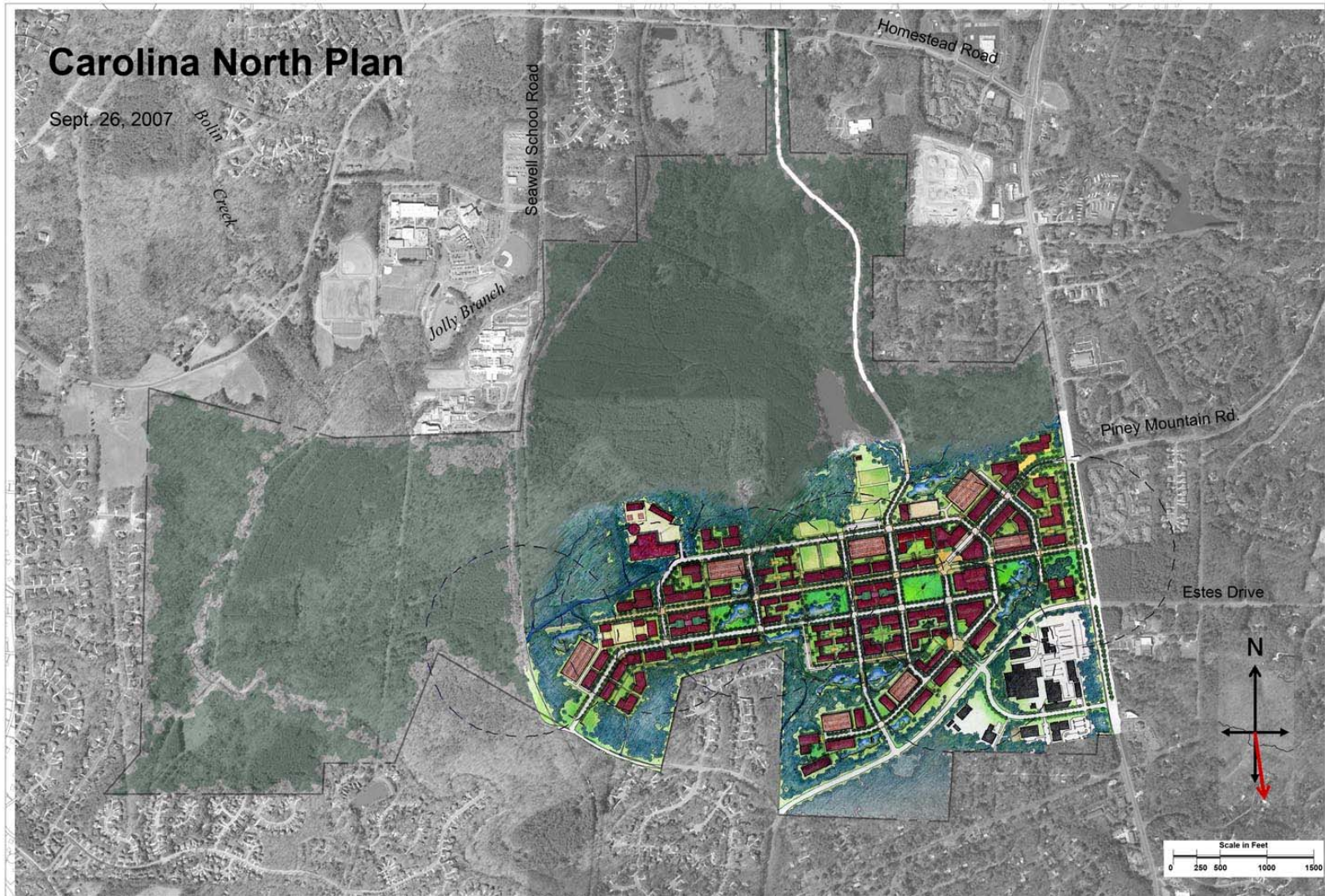
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Integrated Solutions for Infrastructure Planning

- Water (waste and storm) Management
- Natural Habitat, Open Space, and Working Landscape
- Energy (generation and conservation)
- Transportation and Parking (on-site and in regional context)
- Building Types (mix of uses)
- On-Site Pedestrian and Bike Access
- Connections to Surrounding Greenways and Bike Paths
- Street Cross-Sections

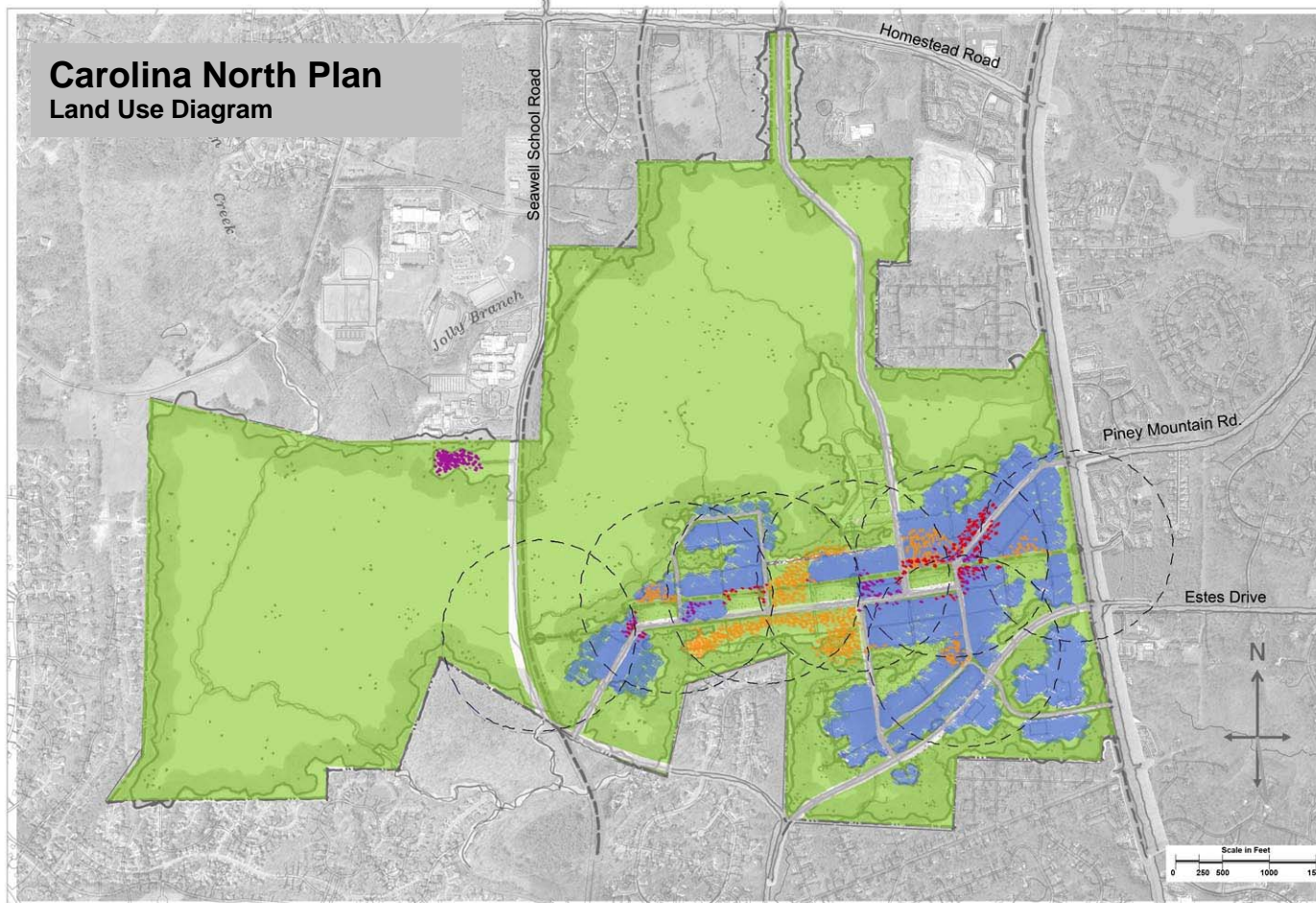


A Scenario for 50 Years



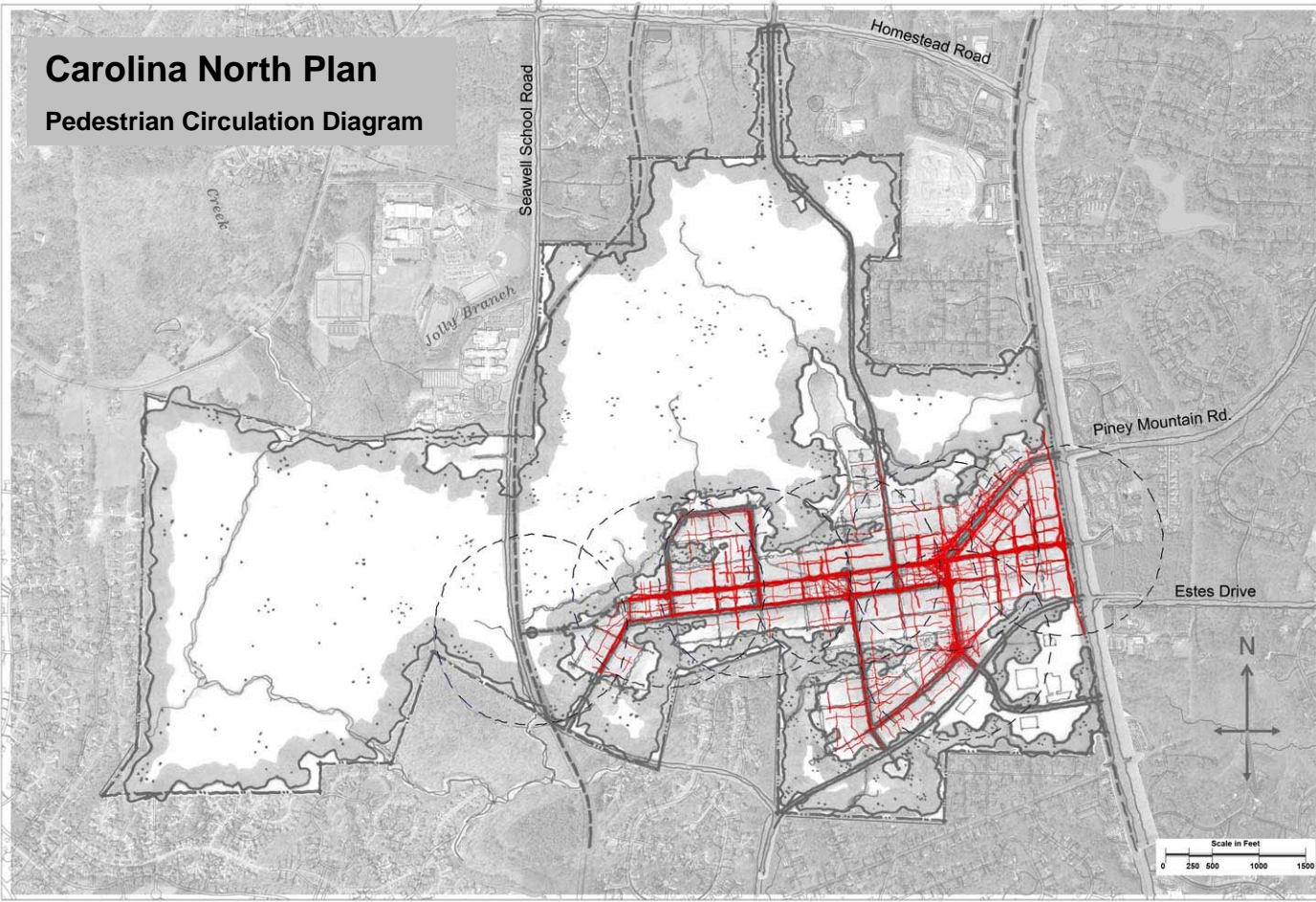


A Scenario for 50 Years





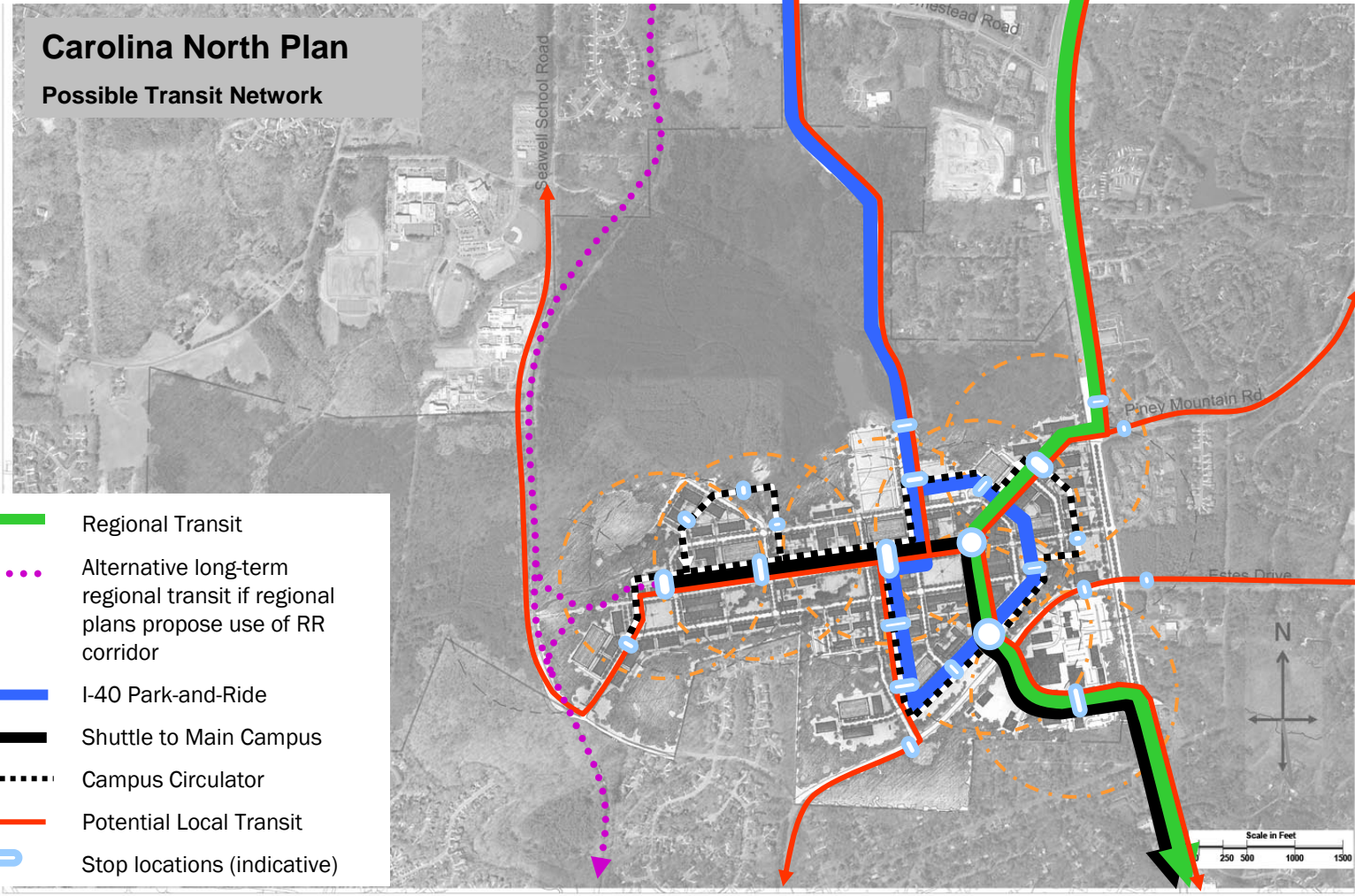
A Scenario for 50 Years



 Pedestrian Circulation Network

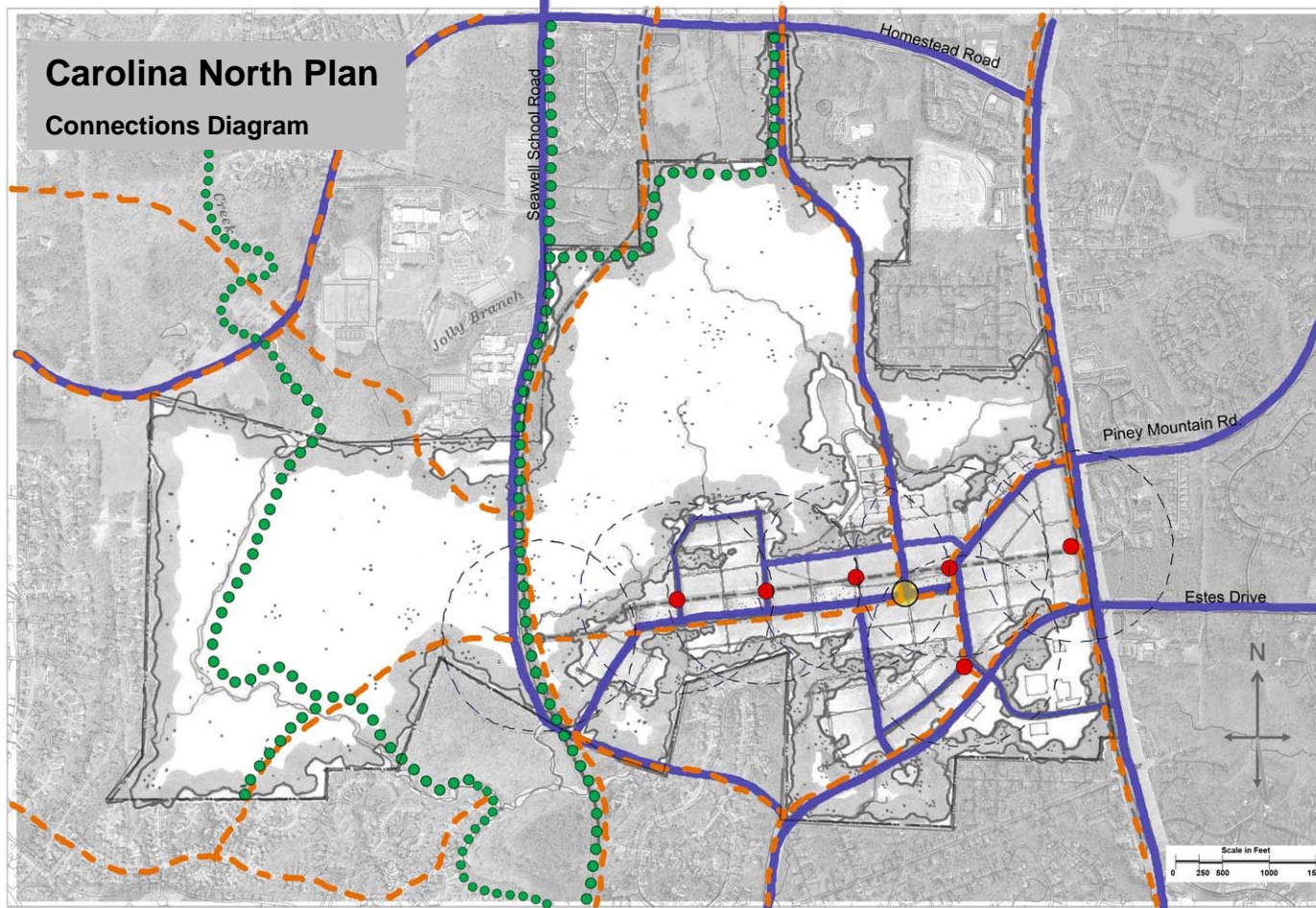


A Scenario for 50 Years





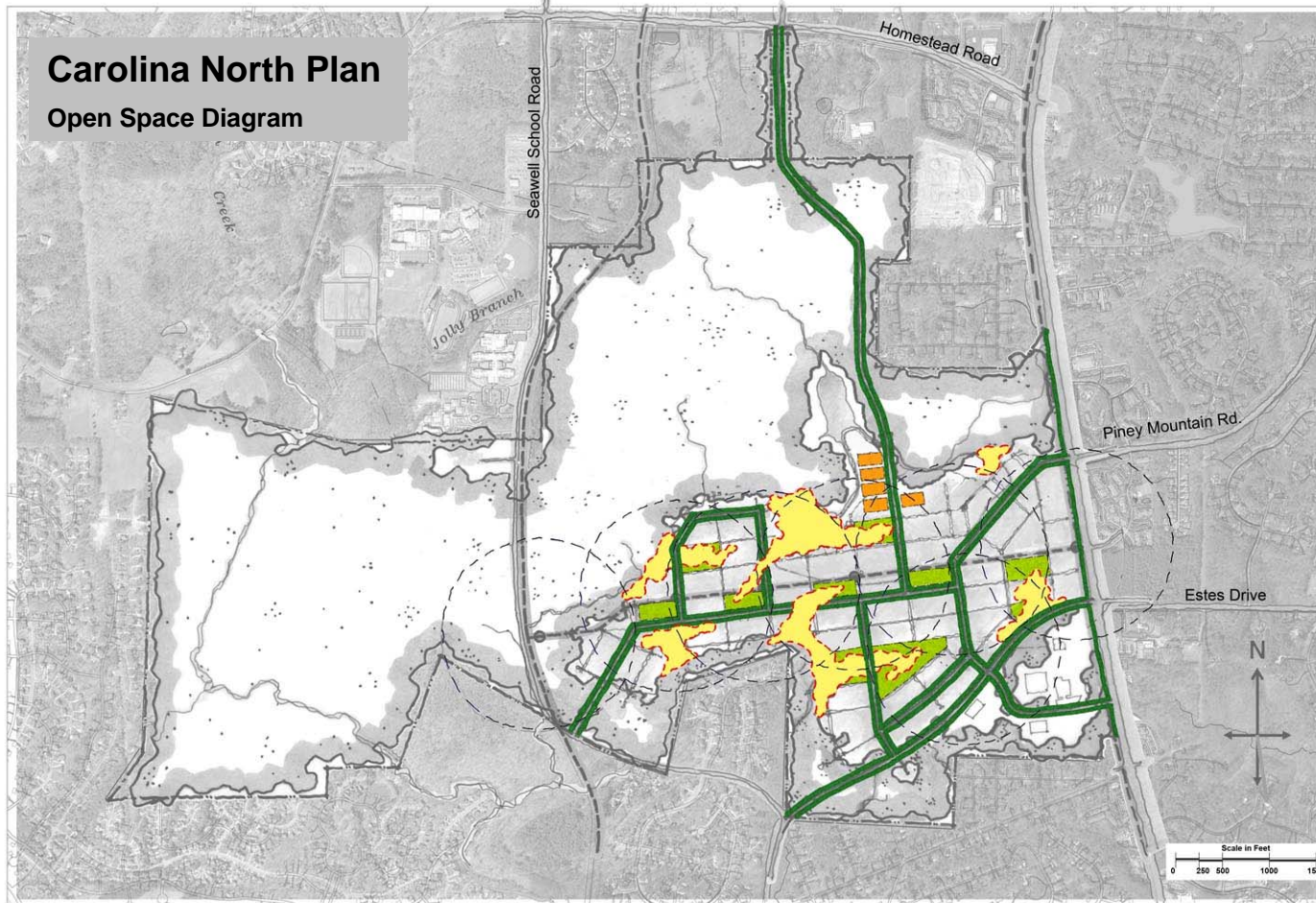
A Scenario for 50 Years



-  Bike Facility
-  Bike Path
-  Greenway
-  Transit Stop
-  Road Network

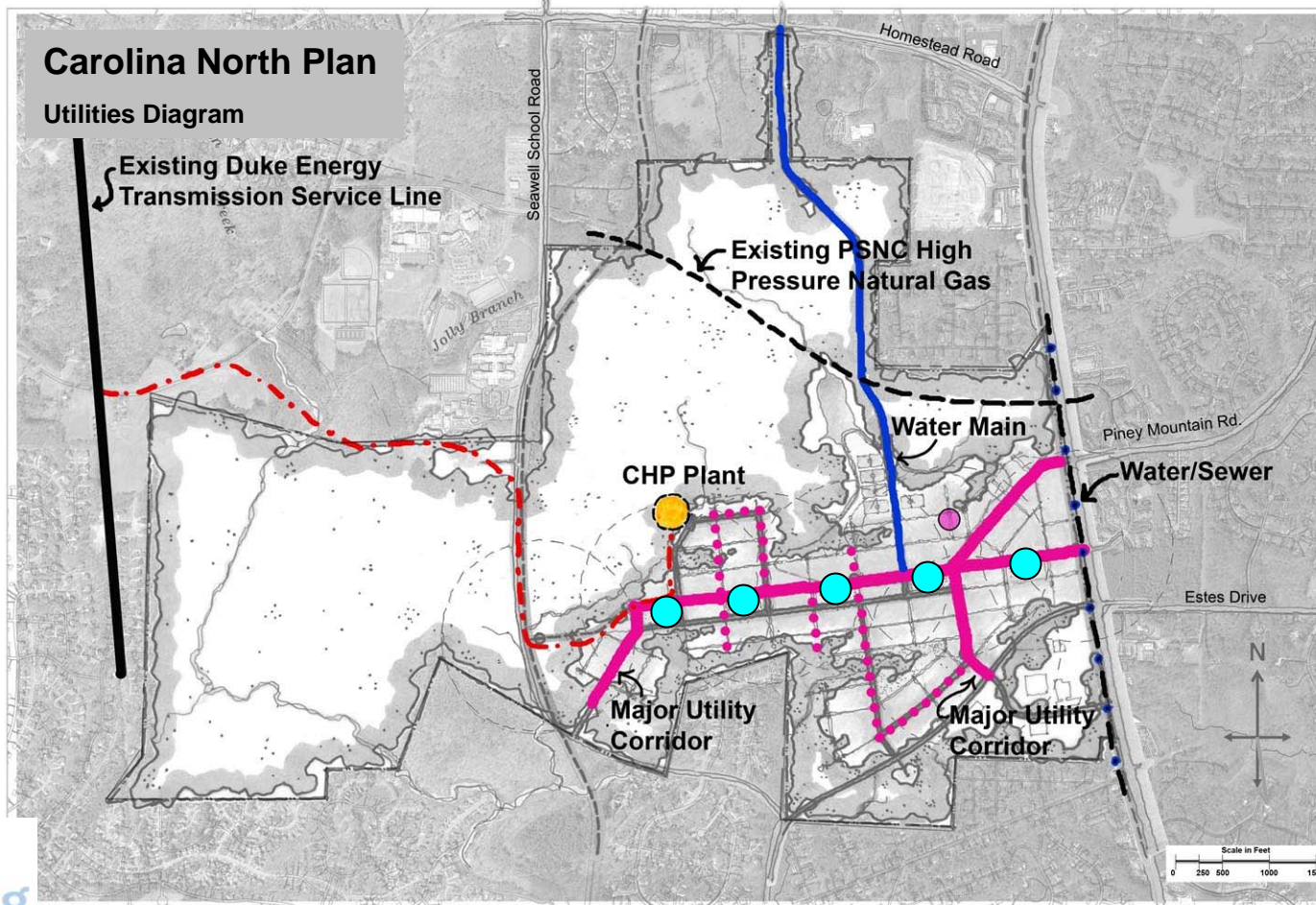


A Scenario for 50 Years





A Scenario for 50 Years



- Central Plant
- Early Phase Plant
- · — Electric Duct Bank
- Geothermal field



A Scenario for 50 Years





Projected Development: the First 15 years

Projected University Programs	Type	Estimated SF
Innovation Center	Research/ Development	85,000
School of Law	Academic	200,000
Centers and Institutes - I	Research	100,000
Centers and Institutes - II	Research	93,000
Centers and Institutes - III	Academic/Research	122,000
Interdisciplinary Research Center	Research	150,000
RENCI	Research	170,000
School of Public Health	Research	155,000
UNC Health Care System	Patient Care/Offices	200,000
University Facility Services	Support	75,000
Corporate Partners		525,000
Housing		500,000
Services (Retail, commercial, service, civic, etc.)		100,000
TOTAL Projected Program Space:		2,475,000 SF

Other Uses: Parking, Recreation, School Site



A Scenario for 15 Years





A First Phase: *location at Carolina North*





Carolina North Plan First Five-Year Segment (FY 2010-11 to FY 2014-15)

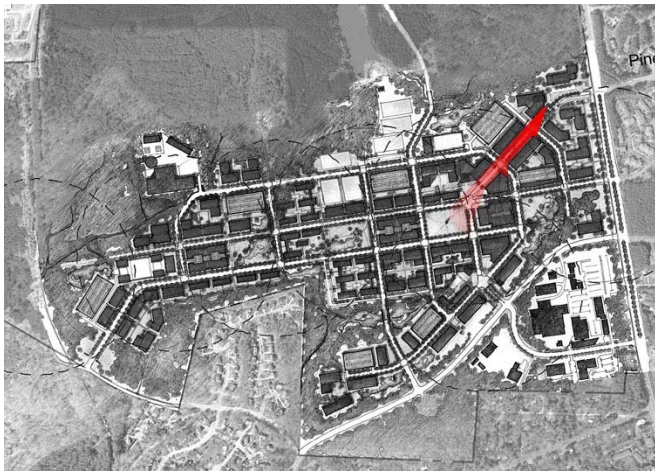
Project	Projected to Open	Size (sf)	Funding
Innovation Center	7/1/2010	85,000	Private
Law School	FY 2010-11	200,000	State Funds
Centers and Institutes I	FY 2010-11	100,000	Self-Liquidating
Corporate I	FY 2011-12	150,000	Private
Housing - Grad Student	TBD	50,000	Self-Liquidating
Housing - Faculty/Staff	TBD	50,000	Private
CN Facilities Services	TBD	25,000	State Funds
Retail/Services	TBD	25,000	Private
 Total		685,000	

Note: Assumes that housing would be 50% grad student and 50% faculty/staff.



Carolina North Identity

View from MLK Entrance



discovery,
innovation
and learning