

EAST CAROLINA UNIVERSITY HEALTH SCIENCES AND WEST RESEARCH CAMPUS

MASTER PLAN | CAMPUS INVENTORY ANALYSIS MAPS

April 29, 2010





TABLE OF CONTENTS

ADLE OF CONTENTS		
EALTH SCIENCES CAMPUS		
DMMUNITY CONTEXT		
Historical Resources	5	
Community Planning	6	
Parcel Analysis	/	
Existing Zoning	8	
Campus Land Use	10	
Future Land Use	11	
ECU Property		
MPUS NATURAL FEATURES		
Soil Types	13	
Site Hydrology	14	
Topography	15 16	
Natural Features Summary Analysis	10	
MPUS STRUCTURE		
Building Heights	17	
Campus Growth	18	
General Building Condition	19	
Existing Utility Corridors	20	
MPUS PUBLIC REALM		
Campus Districts	22	
Campus Open Space	23	
Campus Safety And Security	24	
Campus Public Realm Analysis	25	
MPUS CIRCULATION		
Pedestrian Circulation	27	
Service Drives	28	
Parking	29	
Parking Diagram	30	
Bus Routes	31	
Estimated Daily Traffic	32 33	
Functional Classification	33	
Circulation Analysis	тC	
VENTORY MARS		
VENTORY MAPS ECU Property And Buildings	36	
Soil Types	37	
Site Hydrology	38	
Topography	39	
Streets And Parking	40	
	41	





Brody School of Medicine, artist rendering, 1979



Brody School of Medicine, 1982

HISTORICAL RESOURCES



SMITHGROUP/JJR NOT TO SCALE

5



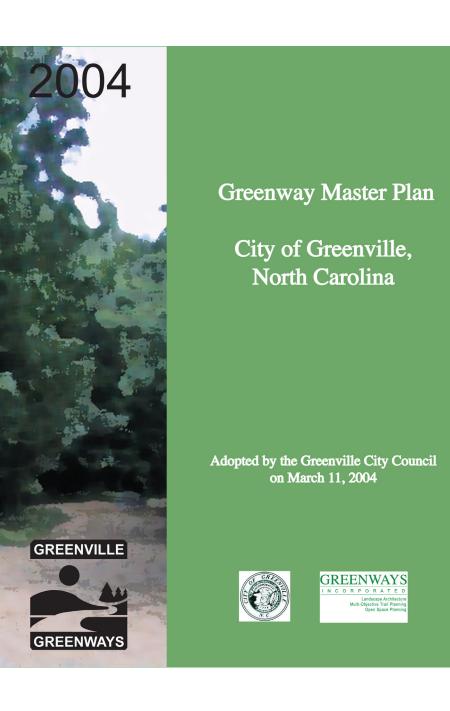
10th Street Connector:

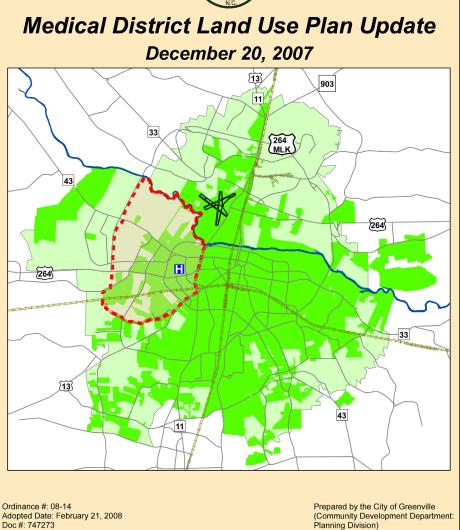
The 10th street connector is a proposed vehicular and pedestrian connection between downtown Greenville and the ECU Health Sciences Campus. There are 3 preliminary routings proposed as a part of this project, the preferred is pictured above.



Greenville Intermodal Station:

The proposed intermodal station would more effectively serve both the Greenville Area Transit (GREAT) and the East Carolina University Student Transit Authority (ECUSTA).





Ordinance #: 08-14

Greenville Greenway Master Plan:

The 2004 Greenway Master Plan proposes multiple connections to the Health Sciences Campus. The plan proposes connections along McGregor Downs Rd., Stantonsburg Rd. and Memorial Dr.

Medical District Land Use Plan Update:

The Medical District Land Use Plan Update calls for a number of changes to help foster the responsible growth of the medical district.



East Carolina University

COMMUNITY PLANNING

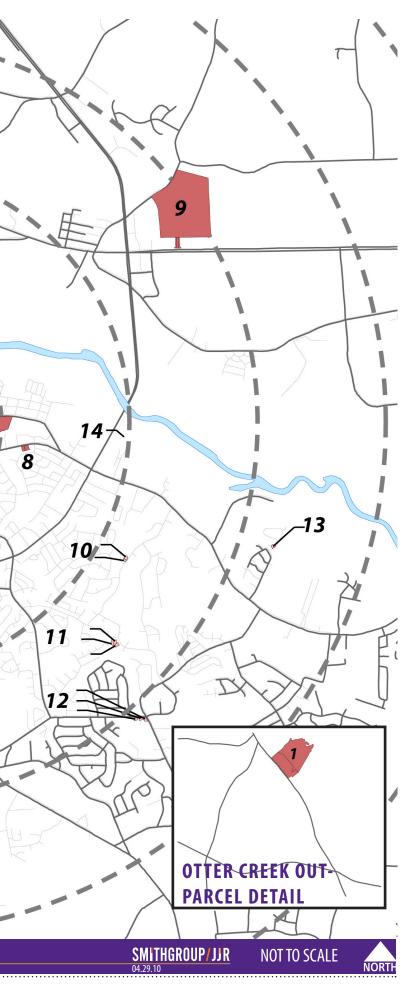


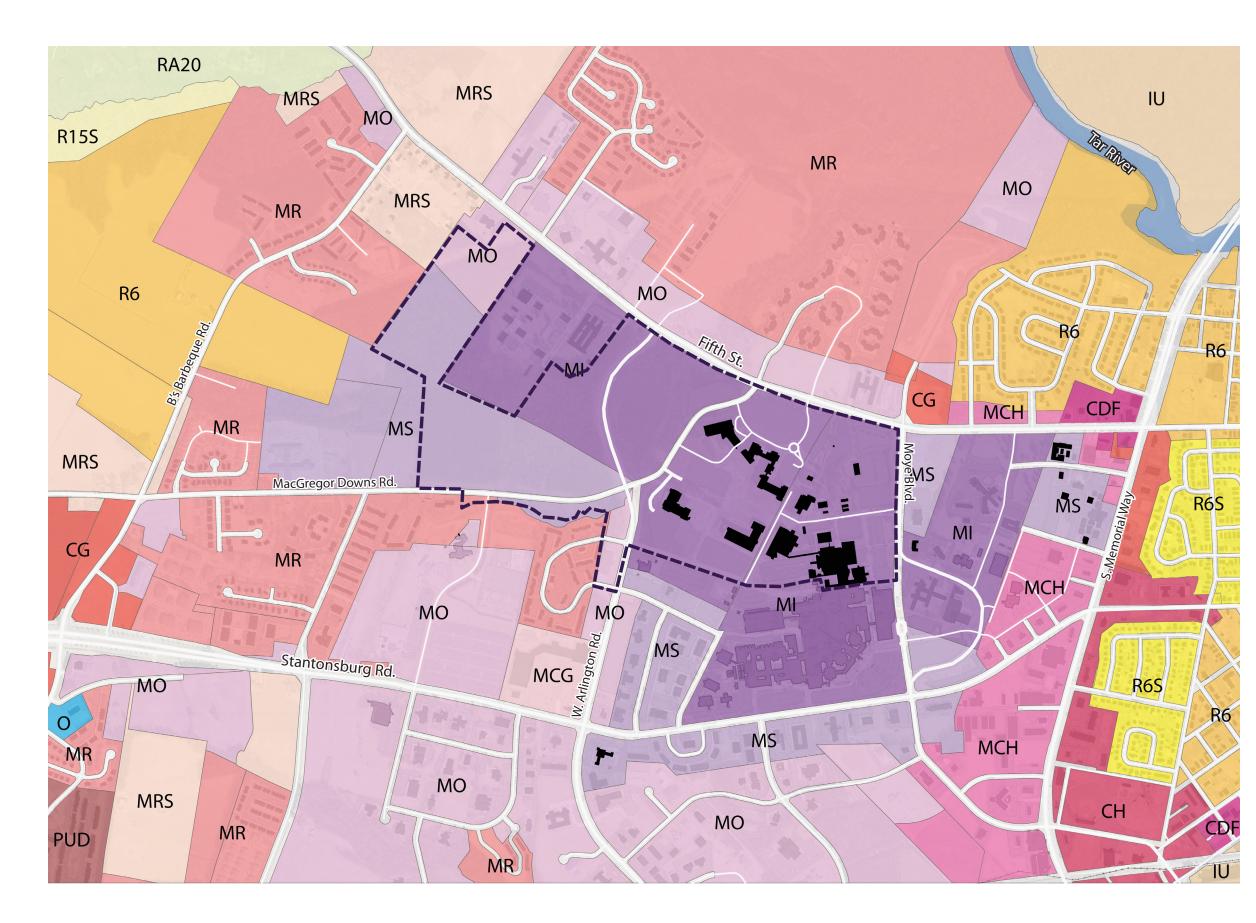


	8 mile	lie radius	stius	
	 		6 mile r	source sources
				SEE HEALTH SCIENCE DETAIL SEE MAIN CAMPUS 23
Image: North Underclapped Construction Construstente Construent Construction Construction C				
2 locar(r/Undewloped) NC If Jees Dotated by NCOT's ECUAdatical Addition Science Fd. 4 Joach (r/Undewloped) FCU Medical Haah Science Fd. Indewloped (r/Undewloped) 6 Joach (r/Undewloped) FCU Medical Haah Science Fd. Indewloped (r/Undewloped) 6 Joach (r/Undewloped) FCU Medical Haah Science Fd. Indewloped (r/Undewloped) 6 Joach (r/Undewloped) F Indewloped (r/Undewloped) F 7 Joach (r/Undewloped) F Indewloped (r/Undewloped) F 7 Microson (r/Undewloped) F Indewloped (r/Undewloped) F 7 Microson Strain Columbra transmoot office, Scielulat and Research studies F 7 Microson Strain Columbra transmoot office, Scielulat and Research studies F 7 Microson Strain Columbra transmoot office, Scielulat and Research studies F 7 Microson Strain Columbra transmoot office, Scielulat and Research studies F 7 Microson Strain Columbra transmoot office, Scielulat and Research studies F 7 Microson Strain Columbra transmoot office, Scielulat and Research studies F	Map Key			<u>Comments</u>
4 Vacant/ Underscherengend EU/ Medical Inside Science Frail 5 Vacant/ Underscherengend EU/ Medical Inside Science Frail 6 Gesenville Center (Office) 2 7 Wald Castes Elementary School Vacant (Ling Science Frail 7 Wald Castes Elementary School Vacant (Ling Science Frail 7 Wald Castes Elementary School Vacant (Science Frain Fraining school D 8 Elementary School Vacant (Science Frain Fraining school D 9 EU/ Nonfi Microsoft Risk CC EU/ Institution Science Frain D 10 Vacant (Ling Zened Strin) CLI Elementary School Vacant (Ling Zened Strin) D 11 Vacant (Ling Zened Strin) CLI Elementary School EU/ Institution Zened Castes D 11 Vacant (Ling Zened Strin) CLI Elementary School EU/ Elementary School Elementary Schoo			NC	
 a) Gentra Carl, Carlor Collect b) Gentra Collection c) Gentra Collect	4	Vacant / Undeveloped	ECU Medical Health Science Fdn.	wetlands and pine forest.
 e) of Rehmite (Windki) i) Internal Auditions i) C. ECI Extendent stations ii) C. ECI Extendent stations iii) Costes Elementary School iii) C. ECI Extendent stations iiii) C. ECI Extendent stations iiiii) C. ECI Extendent stations iiiiiiii) C. ECI Extendent stations iiiiiiiii) C. ECI Extendent stations iiiiiii) C. ECI Extendent stations iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	5	Vacant Lot (Zoned SFR)	ECU Medical Health Science Fdn.	investment opportunity
R Wareboase/Office NC ECU Printing and Graphics 9 ECU Vorth Recreational Complex NC 10 Vacant Lots Zoned S701 ECU Education Foundation 11 Vacant Lots Zoned S701 ECU Education Foundation 12 Vacant Lots Zoned S701 ECU Education Foundation 13 Vacant Lots Zoned S701 ECU Education Foundation 14 Vacant Lots Zoned S701 ECU Education Foundation 15 Vacant Lots Zoned S701 ECU Foundation Inc. 14 Vacant Lots Zoned S701 ECU Foundation Inc. 15 Vacant Lots Zoned S701 ECU Foundation Inc. 16 Vacant Lots Zoned S701 ECU Foundation Inc. 16 Vacant Lots Zoned S701 ECU Foundation Inc. 17 Vacant Lots Zoned S701 ECU Foundation Inc. 18 Vacant Lots Zoned S701 ECU Foundation Inc. 19 Vacant Lots Zoned S701 ECU Foundation Inc. 10 Vacant Lots Zoned S701 ECU Foundation Inc. 10 Vacant Lots Zoned S701 ECU Foundation Inc. 10 Vacant Lots Zoned S701 ECU Foundation Inc. 11 St. Cabried's Concert Inc. 12 Vacant Lots Zoned S701 ECU Foundation Inc. 14 <td< td=""><th></th><td></td><td>Z</td><td>Internal Auditors</td></td<>			Z	Internal Auditors
10 VacantLost. Zoned SPR) ECU Education Foundation Giffed to Athletics 11 VacantLost. Zoned SPR) ECU Education Foundation Giffed to Athletics 12 VacantLost. Zoned SPR) ECU Education Foundation Giffed to Athletics 13 VacantLost. Zoned SPR) ECU Education Foundation Giffed to Athletics 14 Vacant Cont. Zoned SPR ECU Education Foundation Giffed to Athletics 14 Vacant Cont. Zoned SPR ECU Education Foundation Filterown Modical Othice 14 Vacant Cont. Zoned SPR ECU Education Foundation Filterown Modical Othice 15 CC Sports Medicine Clinic Properint Space subleased to PCMH Pr/LA 14 Stabiel's Convert Immegnentalical center outreach into Greenville Community A 14 Stabiel's Convert Immegnentalical center outreach into Greenville Community A 15 Gueen Anne's Revenge NC Dept. of Cultural Resource Shorterofter Shorterofters ID 16 Stabiel's Convert Immegnent Otifices ID 16 Neit Revenge NC Dept. of Cultural Resource Shorterofter Otifice and Shorteroftere ID	8	Warehouse/Offices	NC	
12 Vacant Lots (Zoned SPR) ECU Education Foundation Giffed to Ahlivitics 13 Vacant Lots (Zoned SPR) ECU Education Foundation Inc. Donated land to ECU 14 Vacant Lots (Zoned GPR) ECU Foundation Inc. Donated land to ECU 14 Vacant Lots (Zoned GPR) ECU Foundation Inc. Donated land to ECU PL/LA 15 Oppst Medicine Clinic - 762.5F of this space subleased to PCMH. PL/LA 16 St. Gabriel's Convert Intergrenational center; outrach into Greenville Community. LA 16 St. Gabriel's Convert Intergrenational center; outrach into Greenville Community. LA 17 St. Gabriel's Convert Located at Pitt County Auport, warehouse location LA 18 ECU Billing and Reimbursement Offices Located in Greenville Center offices. 500 SP of office space. LO 19 Kollsoft-ch Located in Greenville area. Located in Bethel, approx. 350 miles west PL LO CC M 19 Queen Anne's Revenge NC Dept. of Cultural Resources Stippwreck location. Warehouses at West Research Campus LO 19 Willianston Clinic Not in Greenville area. Located in Bethel, approx. 350 miles west PL PL <td< td=""><th>10</th><td>Vacant Lots (Zoned SFR)</td><td>ECU Education Foundation</td><td></td></td<>	10	Vacant Lots (Zoned SFR)	ECU Education Foundation	
13 Vacant Used Zonned Strip ECU Education Foundation Giffed to Athletics 14 Vacant Used Worked Zond Commercial) ECU Foundation inc. Donated land to ECU Point 14 Vacant Used Worked Zond Commercial) ECU Foundation inc. Donated land to ECU Point 15 Sports Medicine Clinic	11	Vacant Lots (Zoned SFR)	ECU Education Foundation	Gifted to Athletics
M Firetower Medical Office Intergenerational center, outreach into Greenville Community PL/LA/SL CC Sports Medicine Clinic Intergenerational center, outreach into Greenville Community PL/LA/SL GE Serstein Pharmacy Intergenerational center, outreach into Greenville Community PL/LA H Sta Gabriel's Convent Intergenerational center, outreach into Greenville Community PL/LA H Sta Gabriel's Convent Intergenerational center, outreach into Greenville Community PL/LA H Sta Gabriel's Convent Intergenerational center, outreach into Greenville Community PL/LA H Sta Gabriel's Convent Intergenerational center, outreach into Greenville Community PL/LA L ECU Balling and Reimbursement Offices Intergenerational center, outreach into Greenville Control (LA PL pp NC BoTech Incated in Greenville Center offices. Sto SF of office space. ID sta Que Anne's Revenge NC Dept. of Cultural Resources Shipwreck location. Warehouses at West Research Campus ID * Williamston Clinic Not in Greenville area. Located in Bethel, approx. 350 miles west pL PL CCU Campus ECU ECU ECU ECU	13	Vacant Lots (Zoned SFR)	ECU Education Foundation	Gifted to Athletics
CC Sports Medicine Clinic P/L 24 of this Space Subleaded to PC.WH. P/L/LA ee Berstein Pharmacy Non-profit clinic LA iii St. Gabriel's Convent Intergenerational center; outreach into Greenville Community LA iik St. Gabriel's Convent Intergenerational center; outreach into Greenville Community LA iik St. Gabriel's Convent Intergenerational center; outreach into Greenville Community LA iik ECU Student Transit Located at Pitt County Airport, warehouse location LA iii ECU Student Transit Located at Pitt County Airport, warehouse location LA iii ECU Student Transit Located in Greenville Center offices, 500 SF of office space. LO iii Bit Coll Student Transit Located in Greenville Center offices, 500 SF of office space. LO iii Bit Coll Student Transit Located in Greenville Center offices, 500 SF of office space. LO iii Bit Coll Student Clinic Not in Greenville area. 120 SF of OBGYN outreach LA iii Bit Coll Compus Pitt County Not in Greenville area. 120 SF of OBGYN outreach LA iiii Bit Coll Compus ECU Not in Greenville area. Located in Bethel, approz. 350 miles weth pL PL iiii CU Compus ECU			ECU Foundation Inc.	
ee Berstein Pharmazy Non-profit clinic IA ii St. Gabrel's Convent Intergenerational center; outreach into Greenville Community IA iii St. Gabrel's Convent Intergenerational center; outreach into Greenville Community IA iii ECU Student Transit Incorted at Pitt County Airport, warehouse location IA iii ECU Student Transit Incorted at Pitt County Airport, warehouse location IA iiii ECU Student Transit Incorted at Pitt County Airport, warehouse location IA iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii				782 SP of this space subleased to PCMH.
kk Student Life Intergenerational center; outreach into Greenville Community II ECU Student Transit Administrative Offices IA II ECU Student Transit Intergenerational center; outreach into Greenville Community IA II ECU Student Transit Intergenerational center; outreach into Greenville Control Virgent, warehouse location IA Inn ECU Student Transit Intergenerational center; outreach into Greenville Center offices. 500 SF of office space. ID iss Queen Anne's Revenge NC Dept. of Cultural Resources Shipwreck location. Warehouses at West Research Campus ID * Williamston Clinic Not in Greenville area. 120 SF of OBGYN outreach IA * Bethel Family Practice Center Not in Greenville area. Located in Bethel, approx. 350 miles west plan pl PCMH Of the ECU campus Of the ECU campus pl Pl ECU Campus ECU ECU ECU ECU ECU				Non-profit clinic
kk Student Life Administrative Offices A II ECU Silling and Reimbursement Offices Located at Pitt County Airport, warehouse location LA nm ECU Billing and Reimbursement Offices Located at Pitt County Airport, warehouse location LA pp NC BioTech Located in Greenville Center offices. 500 SF of office space. LD ss Queen Anne's Revenge NC Dept. of Cultural Resources Shipwreck location. Warehouses at West Research Campus LD * Williamston Clinic Not in Greenville area. 120 SF of OfficeN outreach LA * Bethel Family Practice Center Not in Greenville area. Located in Bethel, approx. 350 miles west pl pL PCMH Pitt County ECU ECU ECU ECU	ii	St. Gabriel's Convent		Intergenerational center; outreach into Greenville Community
nn ECU Billing and Reimbursement Offices Image: Construction of the construction of t				Administrative Offices LA
ss Queen Anne's Revenge NC Dept. of Cultural Resources Shipwreck location. Warehouses at West Research Campus LD * Williamston Clinic Not in Greenville area. 120 SF of OBGYN outreach LA * Bethel Family Practice Center Not in Greenville area. Located in Bethel, approx. 350 miles west PL CC PCMH Pitt County ECU ECU ECU ECU				
Ss Queen Annes Revenge NC bept. of Cultural Resources Shipwreck location. Warehouses at West Research Campus LD * Williamston Clinic Not in Greenville area. 120 SF of OBGYN outreach LA * Bethel Family Practice Center Not in Greenville area. Located in Bethel, approx. 350 miles west PL PL PCMH Pitt County ECU ECU ECU ECU	рр	NC BioTech		
* Williamston Clinic Not in Greenville area. 120 SF of OBGYN outreach LA * Bethel Family Practice Center Not in Greenville area. Located in Bethel, approx. 350 miles west of the ECU campus PL PCMH Ptt County ECU PL ECU Campus ECU PL	ss	Queen Anne's Revenge	NC Dept. of Cultural Resources	
* gether Family Practice Center of the ECU campus PL PCMH Pitt County ECU ECU ECU Campus ECU ECU ECU	*	Williamston Clinic		
PCMH Pitt County ECU Campus ECU	*	Bethel Family Practice Center		
East Carolina University	L		1.00	
	Π			East Carolina University

COMMUNITY CONTEXT

East Carolina University





COMMUNITY CONTEXT

East Carolina University

EXISTING ZONING

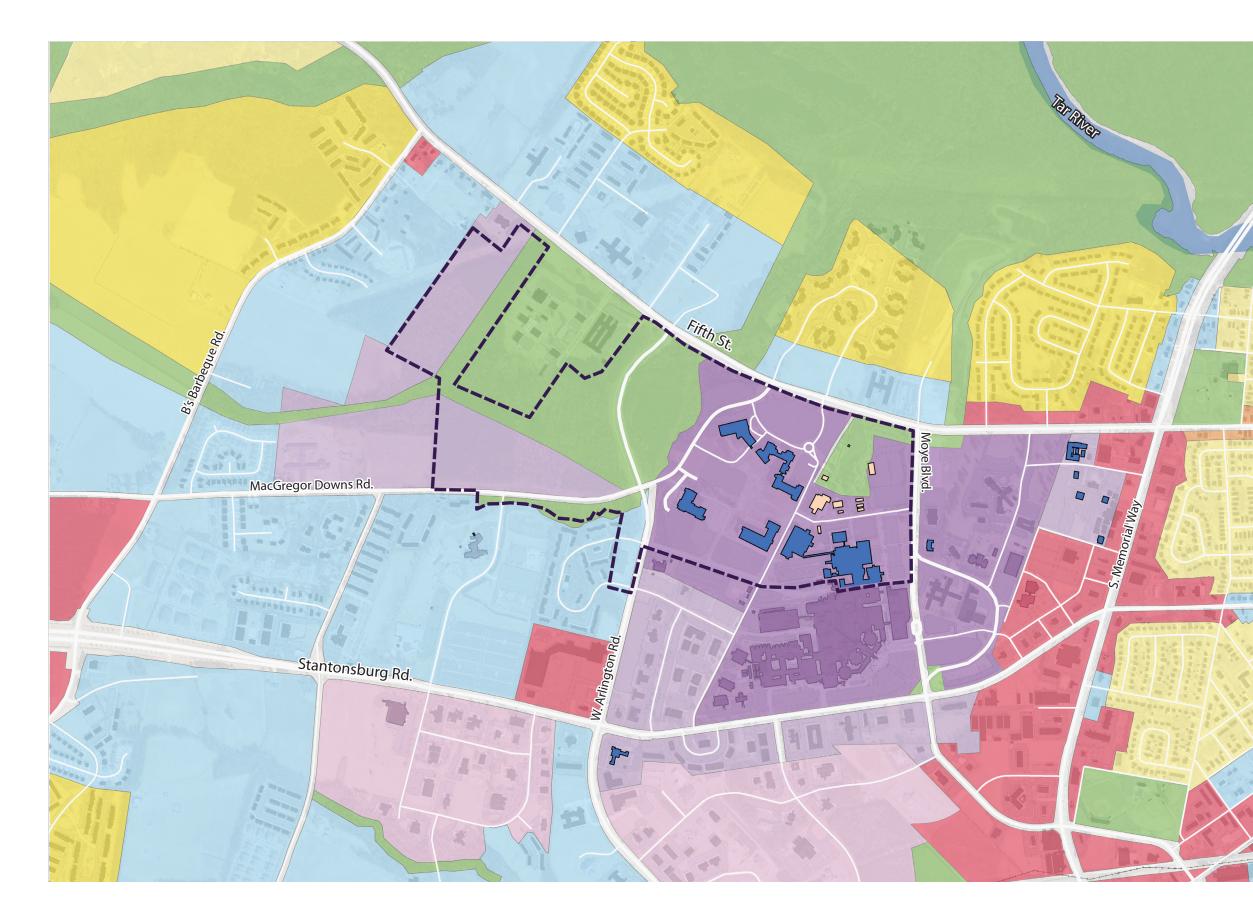
LAND USE

CDF - DOWNTOWN COMMERCIAL
FRINGE
CG - GENERAL COMMERCIAL
CH - HEAVY COMMERCIAL
IU - UNOFFENSIVE INDUSTRY
MI - MEDICAL INSTITUTIONAL
MS - MEDICAL SUPPORT
MO - MEDICAL OFFICE
MCG - MEDICAL GENERAL
COMMERCIAL
MCH - MEDICAL HEAVY
COMMERCIAL
MR - MEDICAL RESIDENTIAL
MRS - MEDICAL RESIDENTIAL
SINGLE FAMILY
O - OFFICE
RA20 - RESIDENTIAL AGRICULTURE
R15S - RESIDENTIAL SINGLE FAMILY
LOW DENSITY
R9S/R6S - RESIDENTIAL SINGLE
FAMILY MEDIUM DENSITY
R6 - RESIDENTIAL- SINGLE/
MULTI-FAMILY HIGH DENSITY

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina.

1000 Feet

SMITHGROUP/JJR 04.29.10 8



East Carolina University



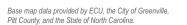
BUILDING USE



MEDICAL ACADEMIC CAMPUS SERVICE/ SUPPORT

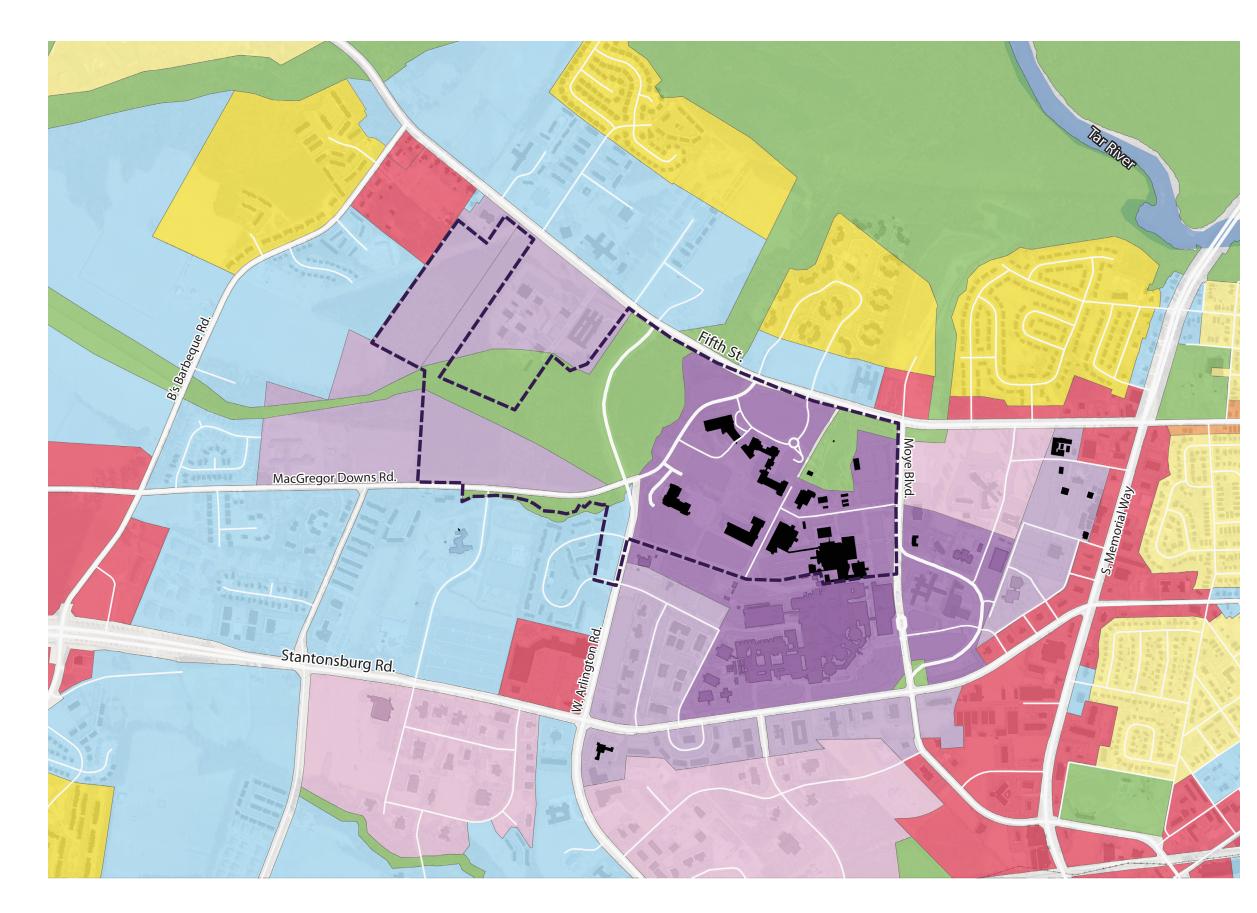
LAND USE

COMMERCIAL MIXED USE/ OFFICE/ INSTITUTIONAL MEDICAL CORE MEDICAL TRANSITION OFFICE/ INSTITUTIONAL/ MEDICAL OFFICE/ INSTITUTIONAL/ MULTI-FAMILY HIGH DENSITY RESIDENTIAL MEDIUM DENSITY RESIDENTIAL CONSERVATION/ OPEN SPACE



1000 Feet

SMITHGROUP/JJR 04.29.10





East Carolina University

FUTURE LAND USE

LAND USE

COMMERCIAL MIXED USE/ OFFICE/ INSTITUTIONAL MEDICAL CORE MEDICAL TRANSITION OFFICE/INSTITUTIONAL/ MEDICAL OFFICE/ INSTITUTIONAL/ MULTI-FAMILY HIGH DENSITY RESIDENTIAL MEDIUM DENSITY RESIDENTIAL CONSERVATION/ OPEN SPACE

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina.

SMITHGROUP/JJR 04.29.10





ECU PROPERTY

LEGEND

PITT COUNTY MEMORIAL HOSPITAL

ECU

- ECU BUILDINGS
- PITT COUNTY BUILDINGS

Map Key	Name	Comments	Type
Α	Adult and Pediatric Health Care		PL/LA
		2,369 SF of this space	
с	Brody Outpatient Center	subleased to PCMH	PL / SL
D	Cardiovascular Imaging Center		PL
F	Dental Practice		PL
G	Digestive Diseases Clinic		PL
н	East Carolina Heart Institure at ECU		PL
1	ECU Women's Physicians		PL/LA
J	ECU Neurosurgical and Spine Center		PL
к	Emergency Department		PL
L	Family Medicine Center		PL/LA
N	Geriatric Center		PL
0	International Traveler's Clinic		PL/LA
Р	Learning & Behavior Clinic for Children		PL
Q	Leo W. Jenkins Cancer Center		PL
R	MedDirect		PL
		7,067 SF of this space	
s	Moye Medical Center	subleased to PCMH	PL/LA/SL
т	Nephrology & Hypertension Center		PL/LA
U	Pain Management Center		PL
v	Pediatric Outpatient Center		PL
w	Pediatric Sleep Disorders Clinic		PL/LA
х	Pediatric Specialty Care		PL/LA
Y	Plastic & Reconstructive Surgery		PL/LA
z	Psychiatric Services		PL/LA
AA	Regional Rehabilitation Center		PL
BB	Rehabilitiation Physician Clinic		PL
dd	Academic Affairs		LA
mm	Testing Center		LA
	Gamma Knife	2200 SF ground lease,	ID
rr	Gamma Knife	located next to Brody	LU
		Within Health Sciences	
tt	Radio Reading Room	Library, 102 SF of office	LA
	-	space	

- PL = ECU Practice Location LA = ECU Lease Acquistion LD = ECU Lease Disposition SL = ECU Sub-Lease

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina.

SMITHGROUP/JJR 04.29.10





East Carolina University

SOIL TYPES

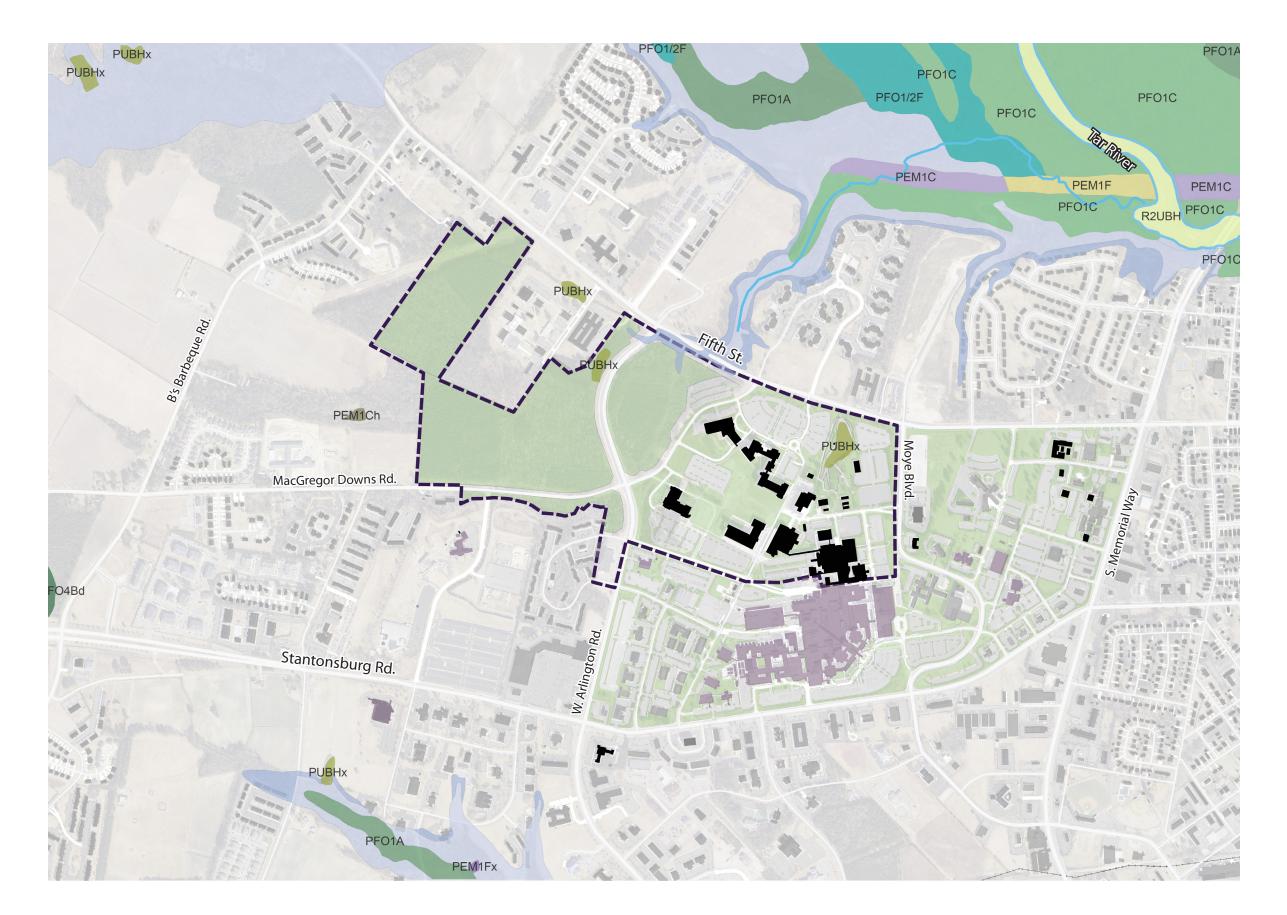
SOIL TYPES

- AgB ALAGA LOAMY SAND, 0-6% SLOPE
- AIB ALTAVISTA SANDY LOAM, 0-4% SLOPE
- AyB AYCOCK FINE SANDY LOAM, 1-6% SLOPE
- Bb BIBB COMPLEX
- Ca CAPE FEAR LOAM
- Ch CHIPLEY SAND
- Co COXVILLE FINE SANDY LOAM
- Cr CRAVEN FINE SANDY LOAM, 1-6% SLOPE
- CrB2 CRAVEN FINE SANDY LOAM, 1-6 % SLOPE, ERODED
- ExA EXUM FINE SANDY LOAM, 0-1% SLOPE
- EXB EXUM FINE SANDY LOAM, 1-6% SLOPE
- GoA GOLDSBORO SANDY LOAM, 0-1% SLOPE
- GOLDSBORO SANDY LOAM, 1-6% SLOPE
- LaB LAKELAND SAND, 1-6% SLOPE
- LnA LENOIR FINE SANDY LOAM, 0-3% SLOPE
- Ly LYNCHBURG FINE SANDY LOAM
- MaB MASADA SAND LOAM, 0-4% SLOPE
- NrA NORFOLK SANDY LOAM, 0-1% SLOPE
- NrB NORFOLK SANDY LOAM, 1-6% SLOPE
- OcB OCILLA LOAMY FINE SAND, 0-4% SLOPE
- Pa PACTOLUS LOAMY SAND
- Ra RAINS FINE SANDY LOAM
- Ro ROANOKE SILT LOAM
- Sw SWAMP
- W WATER
- WaB WAGRAM LOAMY SAND, 0-6% SLOPE
- WkB WICKHAM SANDY LOAM, 0-6% SLOPE
- LIMITING SOILS

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 13

SMITHGROUP/JJR 04.29.10





East Carolina University

SITE HYDROLOGY

WET	LANDS
PFO4Bd	PALUSTRINE (FORESTED, NEEDLE-LEAVED EVERGREEN, SATURATED, ACID)
PFO1A	PALUSTRINE (FORESTED, BROAD- LEAVED DECIDUOUS, TEMPORARILY FLOODED)
PFO1C	PALUSTRINE (FORESTED BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED
PFO1/2F	PALUSTRINE (FORTESTED, BROAD & NEEDLE-LEAVED DECIDUOUS, SEMIPERMANENTLY FLOODED)
PEM1C	PALUSTRINE (EMERGENT, PERSISTENT, SEASONALLY FLOODED)
PEM1Fx	PALUSTRINE (EMERGENT, PERSISTENT, SEASONALLY FLOODED)
PEM1Ch	PALUSTRINE (EMERGENT, PERSISTENT, SEASONALLY FLOODED, DIKED/ IMPOUNDED)
PUBHx	PALUSTRINE (UNCONSOLIDATE BOTTOM, PERMANENTLY FLOODED, EXCAVATED)
PEM1F	PALUSTRINE (EMERGENT, PERSISTENT, SEMIPERMANENTLY FLOODED)
R2UBH	RIVERINE (LOWER PERENNIAL, UNCONSOLIDATED BOTTOM, PERMANENTLY FLOODED)
FEM	A FLOOD ZONES
	100-YEAR FLOODPLAIN (AN AREA INUNDATED BY 100-YEAR FLOODING, BASE FLOOD ELEVATIONS HAVE BEEN DETERMINED)
	500-YEAR FLOODPLAIN (AN AREA INUNDATED BY 500 YEAR FLOODING; AN AREA INUNDATED WITH 100 YEAR FLOODING WITH AN AVERAGE DEPTH OF LESS THAN 1 FOOT)
	OUTSIDE 100/500-YEAR FLOODPLAIN
	CAMPUS

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina.

SMITHGROUP/JJR 04.29.10



East Carolina University

TOPOGRAPHY

ELEVATIONS

WATER

<22′
22′-34
34′-42

- 42'-54'
- 54'-62'
- 62'-70'
- 70′-78′ >78′

STEEP SLOPES



0-10 DEGREE SLOPES (18%) 10-20 DEGREE SLOPES (36%)



4'CONTOUR INTERVAL

Base map data provided by ECU, the City of Greenville, 15 Pitt County, and the State of North Carolina.







East Carolina University

NATURAL FEATURES **SUMMARY ANALYSIS**

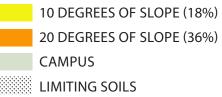
LEGEND

WATER BODY

- WETLAND
- FLOOD ZONE
- WOODED AREA
- CONTOURS



FLOW DIRECTION

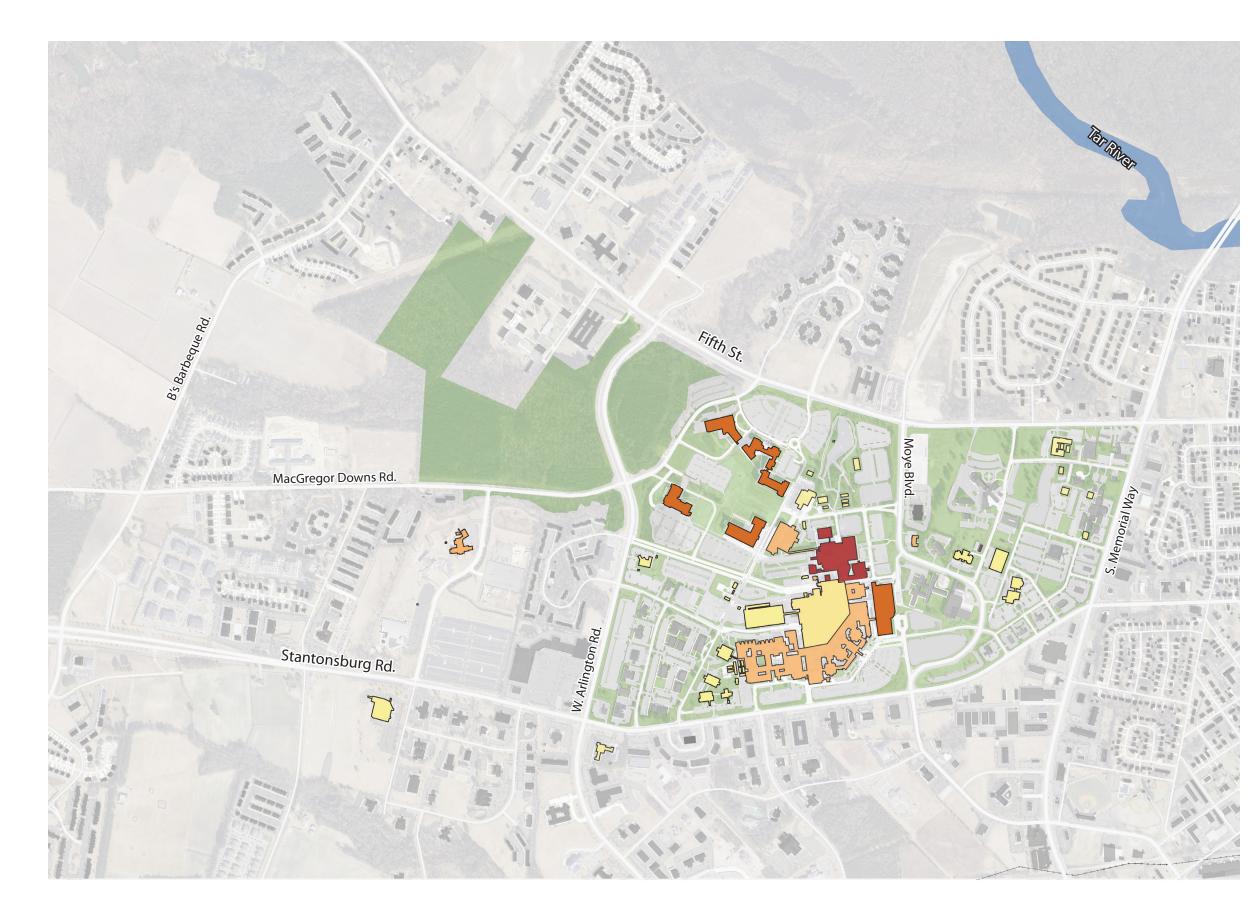


Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 16

SMITHGROUP/JJR 04.29.10





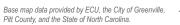


East Carolina University



TOTAL FLOORS

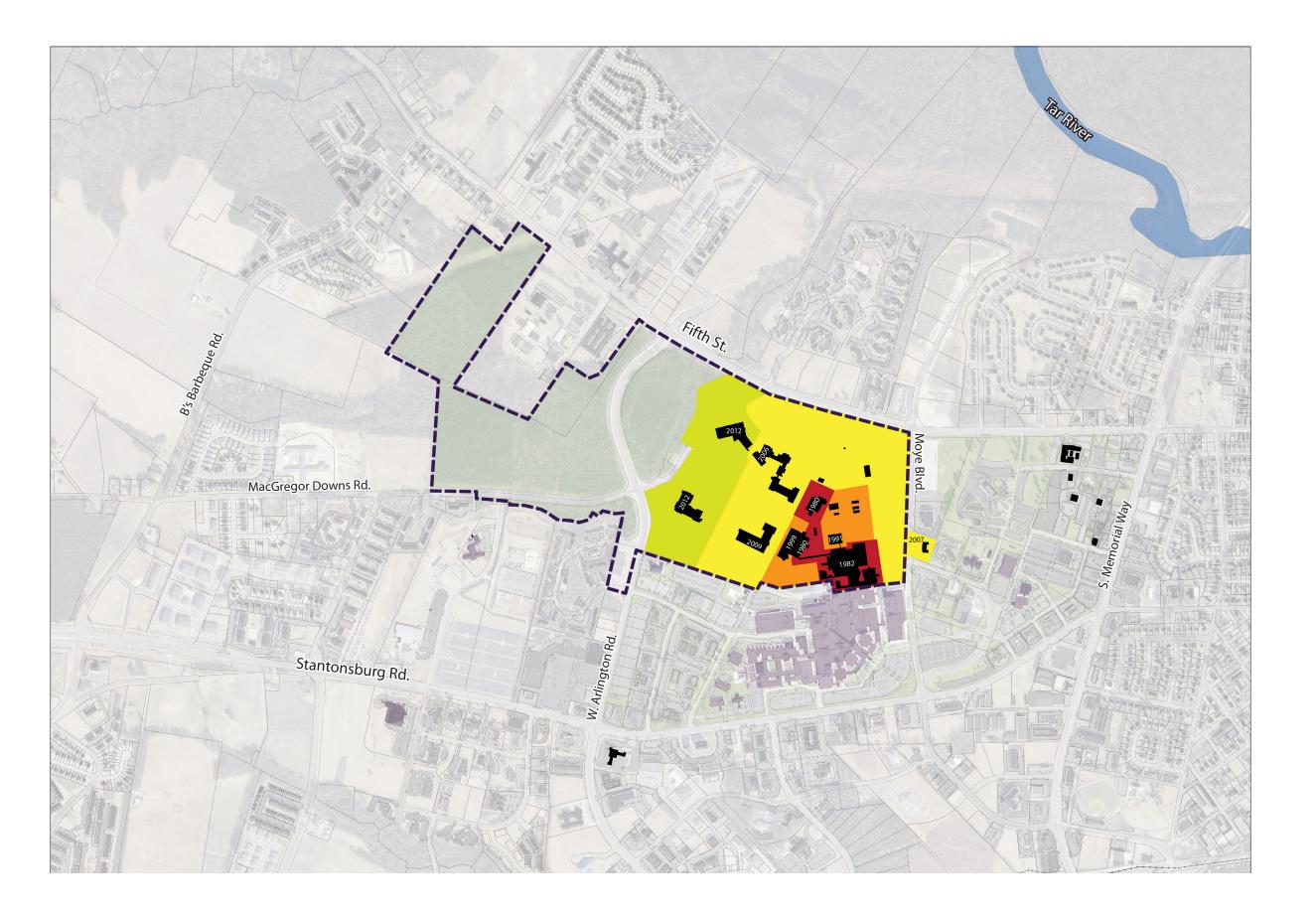
1-2 FLOORS
3-4 FLOORS
5-6 FLOORS
7-10 FLOORS
CAMPUS



1000 Feet

18

SMITHGROUP/JJR 0 04.29.10



East Carolina University

CAMPUS GROWTH

CAMPUS DEVELOPMENT

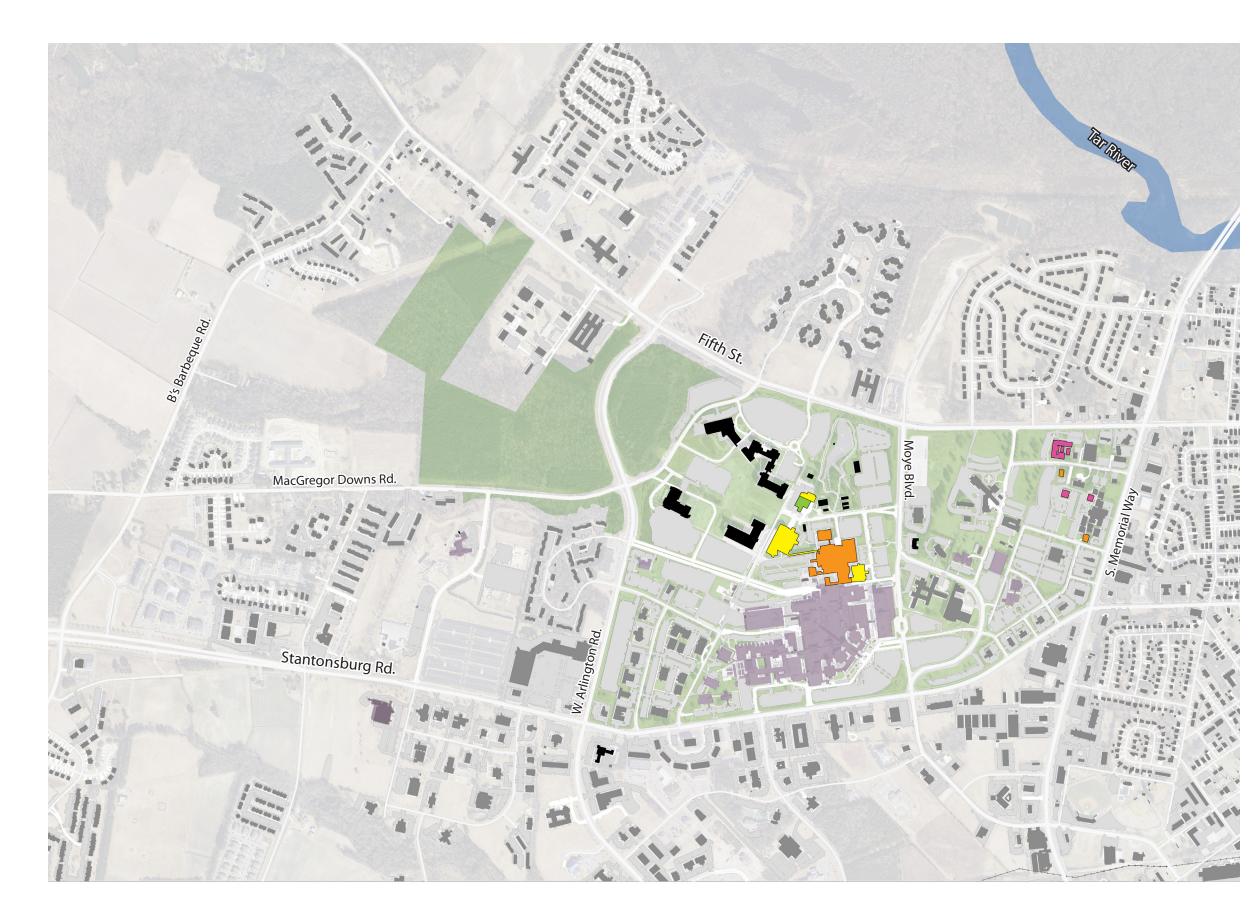
1980'S FACILITIES 1990'S FACILITIES 2000-2008 FACILITIES 2009+ FACILITIES 6---> CAMPUS

Base map data provided by ECU, the City of Greenville, 19 Pitt County, and the State of North Carolina.

1000 Feet

SMITHGROUP/JJR 04.29.10





East Carolina University



BUILDING CONDITION (FCNI RANGES)



- 0.06-0.15: GOOD CONDITION, RENOVATIONS OCCUR ON SCHEDULE
- 0.16-0.30: FAIR CONDITION, IN NEED OF NORMAL RENOVATION

0.31- 0.40: BELOW AVERAGE CONDITION, MAJOR RENOVATION REQUIRED

0.41-0.59: POOR CONDITION, TOTAL RENOVATION INDICATED



0.60 AND ABOVE: COMPLETE REPLACMENT NEEDED



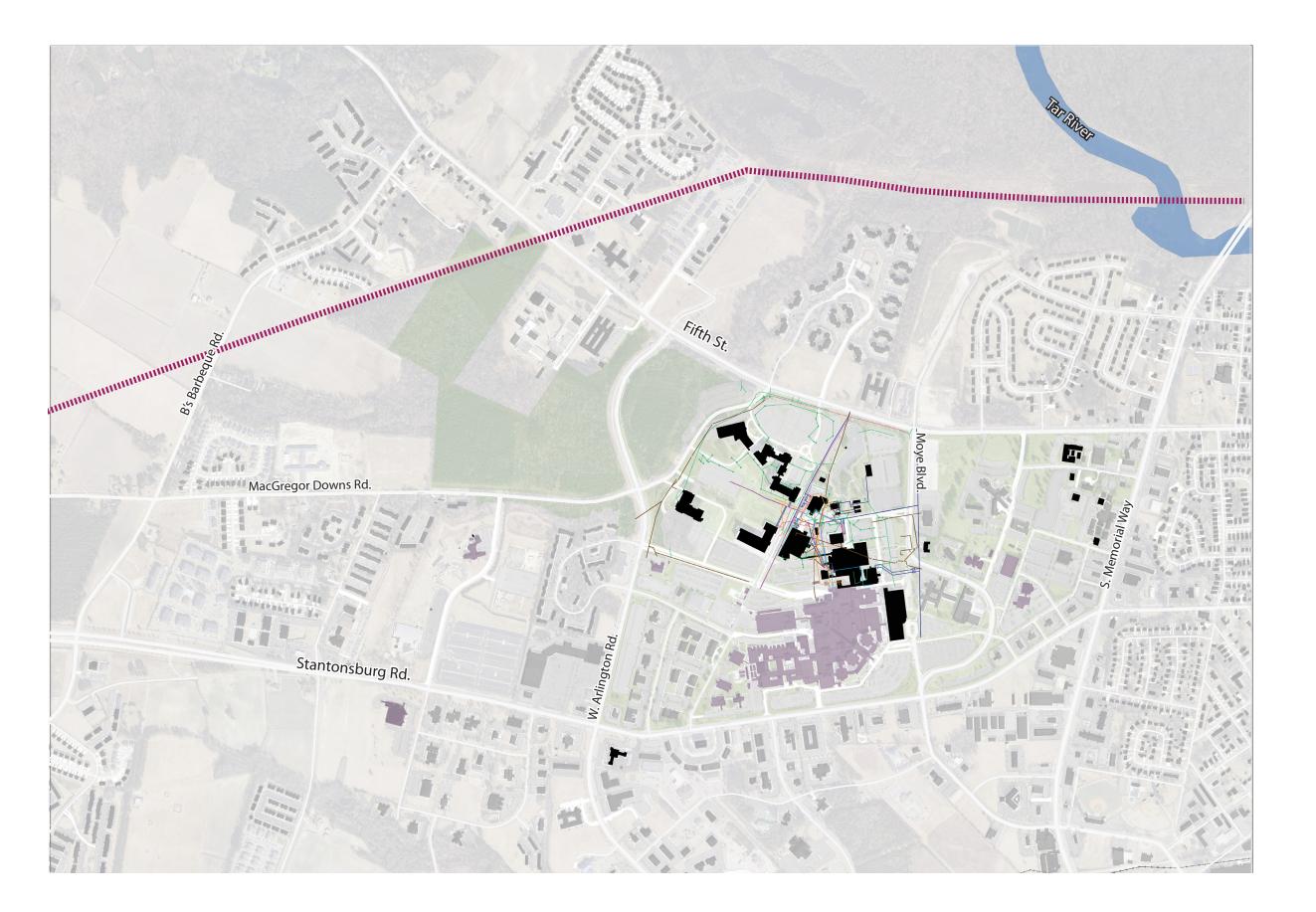
CAMPUS

Facilities conditions compiled from ISES Corporation Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina.

SMITHGROUP/JJR 04.29.10



20



East Carolina University

EXISTING UTILITY CORRIDORS

LEGEND

CHILLED WATER
DOMESTIC WATER
SANITARY SEWER
STORM
STEAM
GAS
TELECOM / ELECTRIC
 OVERHEAD HIGH POWER TRANSMISSION LINE
CAMPUS

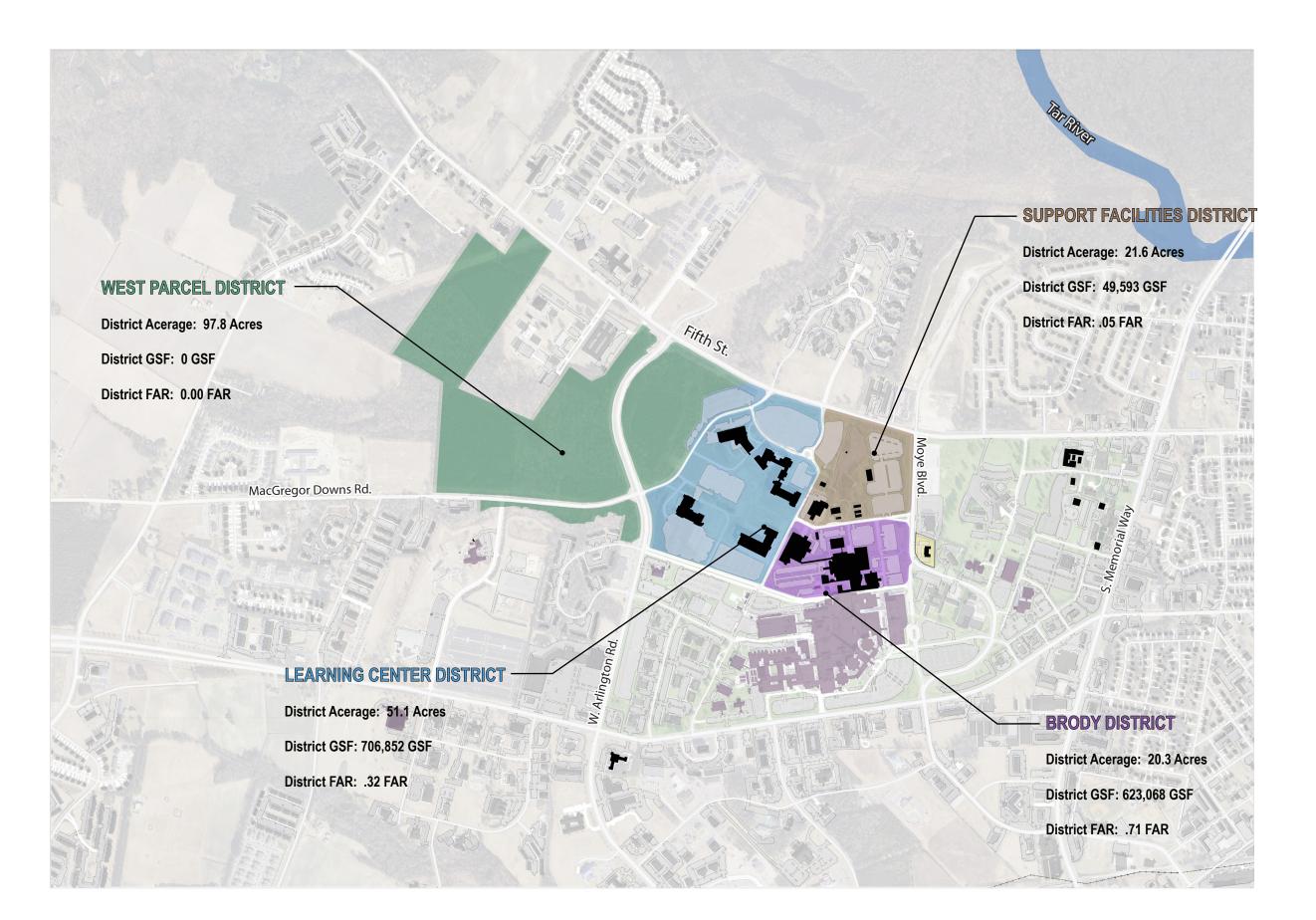
Utility data compiled from RMF Engineering Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina.





21





East Carolina University

CAMPUS PUBLIC REALM

CAMPUS DISTRICTS

DISTRICTS

BRODY DISTRICT SUPPORT FACILITIES DISTRICT WEST PARCEL DISTRICT LEARNING CENTER DISTRICT

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 23

1000 Feet

SMITHGROUP/JJR 04.29.10



CAMPUS OPEN SPACE

LAND COVER TYPES

NATURAL AREAS: 96.4 ACRES

> LAWN/ OPEN SPACE: 102.5 ACRES



OPEN WATER: 1.8 ACRES

 TREE CANOPY (INCLUDING NATURAL AREA):
 100.5 ACRES

> TOTAL HEALTH SCIENCE CAMPUS AREA: 200.7 ACRES

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 24







CAMPUS PUBLIC REALM

East Carolina University

CAMPUS SAFETY & SECURITY

TERRITORIALITY

- CAMPUS IDENTIFICATION SIGN
 - **EDGES** (HEDGE, FENCE, SET BACK OR VEGETATION)

CAMPUS

TECHNICAL

• EMERGENCY CALL BOX

NATURAL SURVEILLANCE

ACCEPTABLE LIGHT LEVELS (OBSERVED)

NATURAL ACCESS CONTROL



PEDESTRIAN ACCESS POINTS

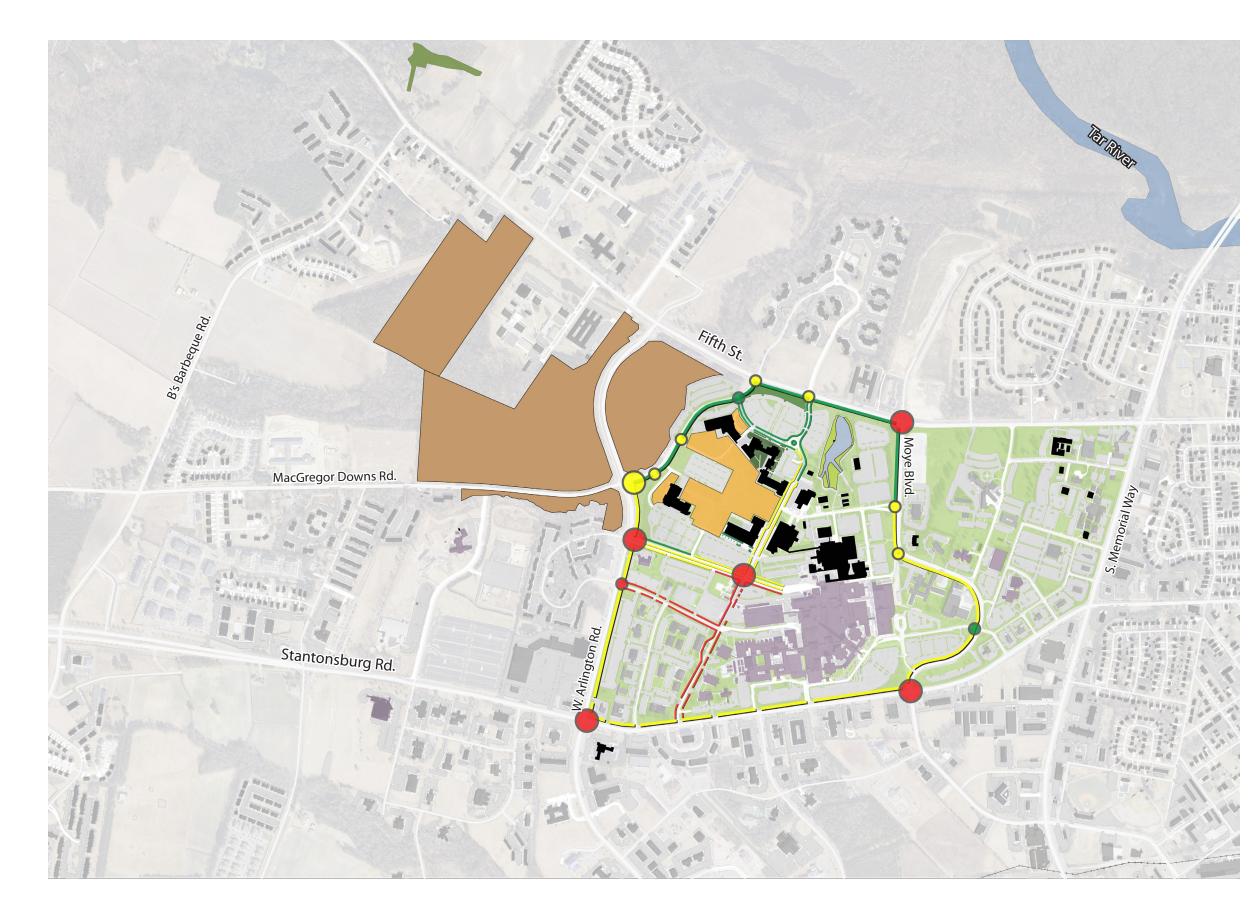
VEHICULAR ACCESS POINTS

POOR MAINTENANCE, PARKING AND PEDESTRIAN ADJACENCIES

> Security and safety data compiled from Protection Engineering Group Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina.







CAMPUS PUBLIC REALM

East Carolina University



OPEN SPACE TYPE



HIGHLY CONTRIBUTING OPEN SPACE CONTRIBUTING OPEN SPACE NON-CONTRIBUTING OPEN SPACE

- UNPROGRAMMED / UNDEFINED OPEN SPACE
- RECREATION / ATHLETICS OPEN SPACE

CAMPUS EDGES

- HIGH QUALITY EDGE
- MEDIUM QUALITY EDGE
- LOW QUALITY EDGE

CAMPUS ENTRIES



HIGH QUALITY GATEWAY



MEDIUM QUALITY GATEWAY

LOW QUALITY GATEWAY

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 26

1000 Feet







East Carolina University

PEDESTRIAN CIRCULATION

PEDESTRIAN HIERARCHY

PRIMARY HEALTH SCIENCE PEDESTRIAN MOVEMENT

- SECONDARY MEDICAL CENTER PEDESTRIAN MOVEMENT
- TERTIARY PEDESTRIAN MOVEMENT
 - CAMPUS
 - GURRHEAD / ENCLOSED WALKWAY
 - CROSSWALK
 - OBSERVED CONFLICT AREAS

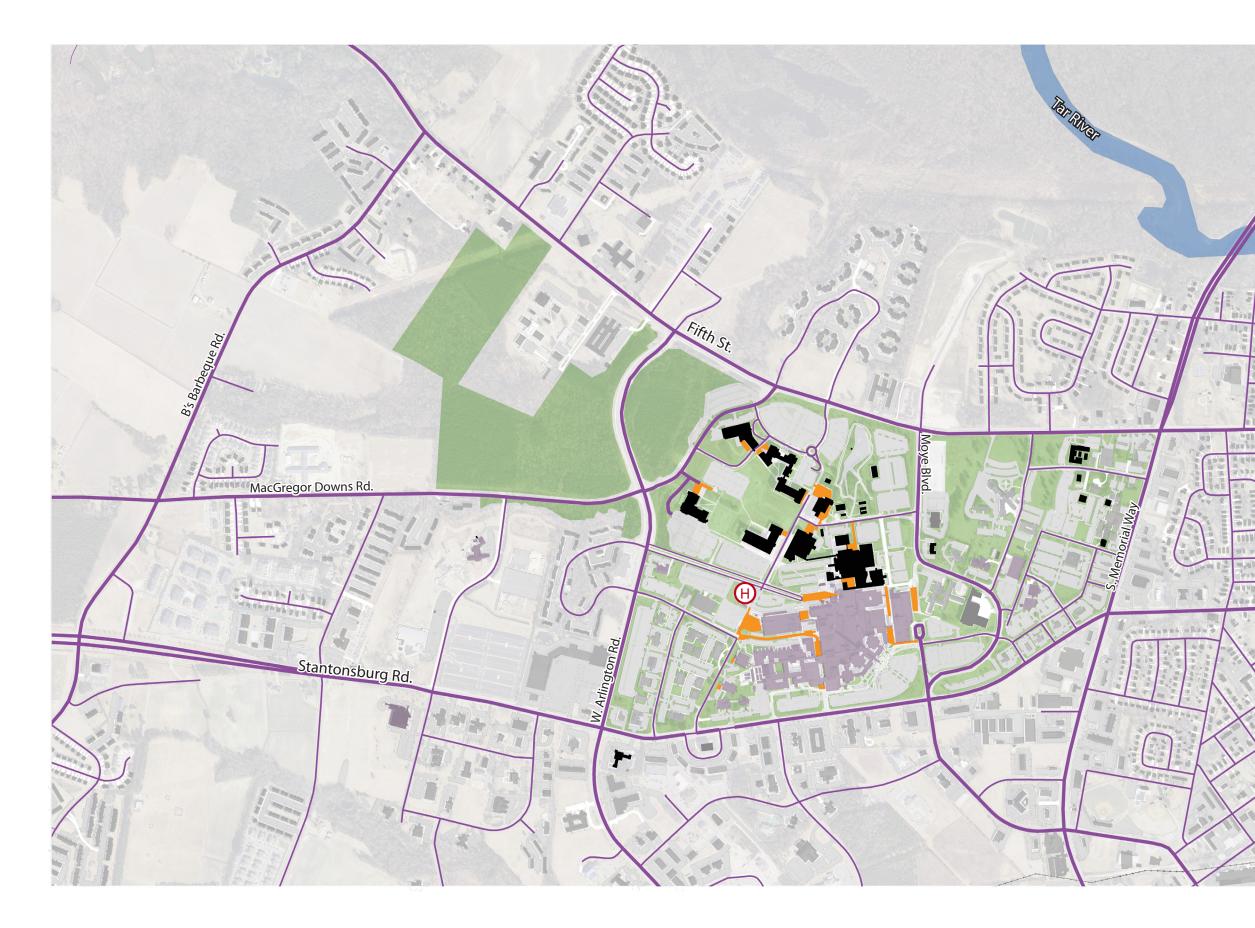
Pedestrian data compiled from Martin, Alexiou, Bryson Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina.







....





East Carolina University

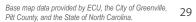


SERVICE DRIVES AND STREETS



HELICOPTER PAD

H AND FLIGHT ZONE



1000 Feet

SMITHGROUP/JJR 0 04.29.10



PARKING

STRUCTURES AND STREETS

ECU PARKING LOTS PARKING DECK OFF-CAMPUS PARKING LOTS CAMPUS STREETS

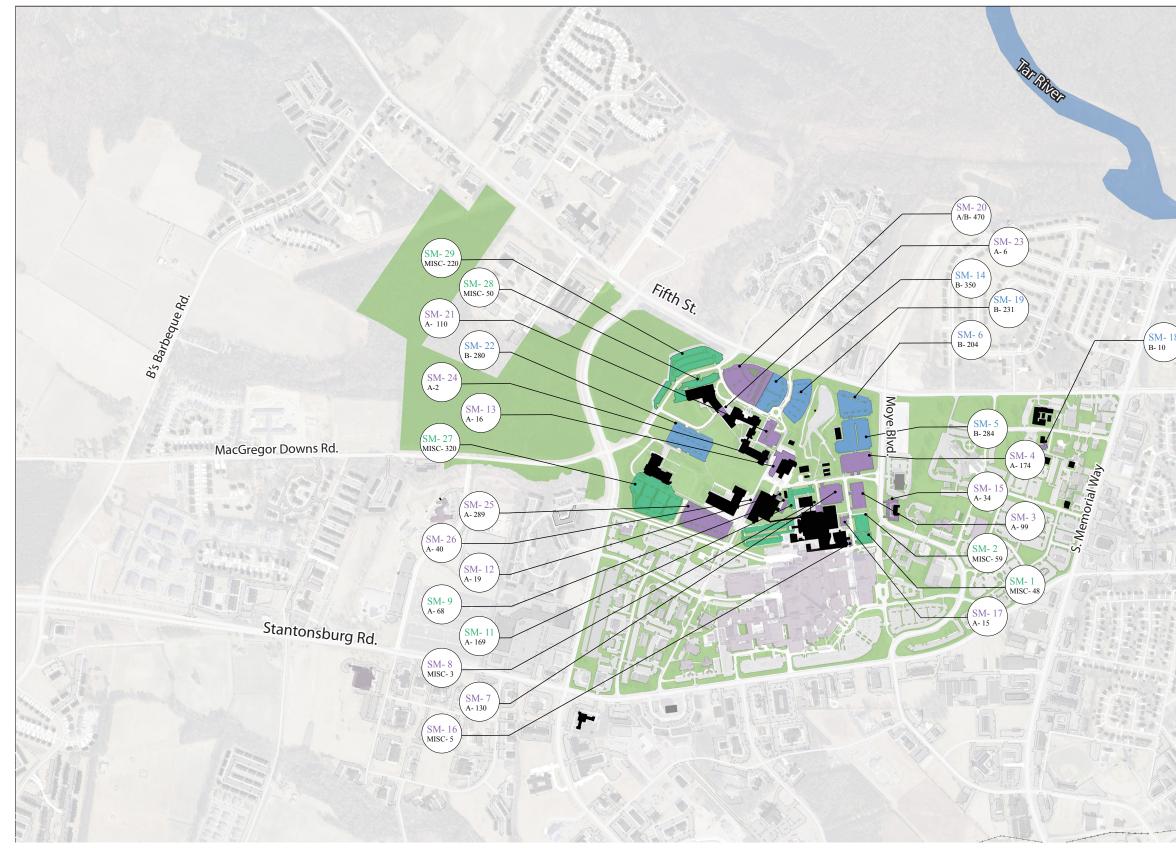
OFF CAMPUS STREETS

CAMPUS

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 30

1000 Feet

SMITHGROUP/JJR 0 04.29.10



East Carolina University



PARKING DIAGRAM

ECU PERMIT TYPE



"A" PERMIT "B" PERMIT VISITOR OR OTHER CAMPUS

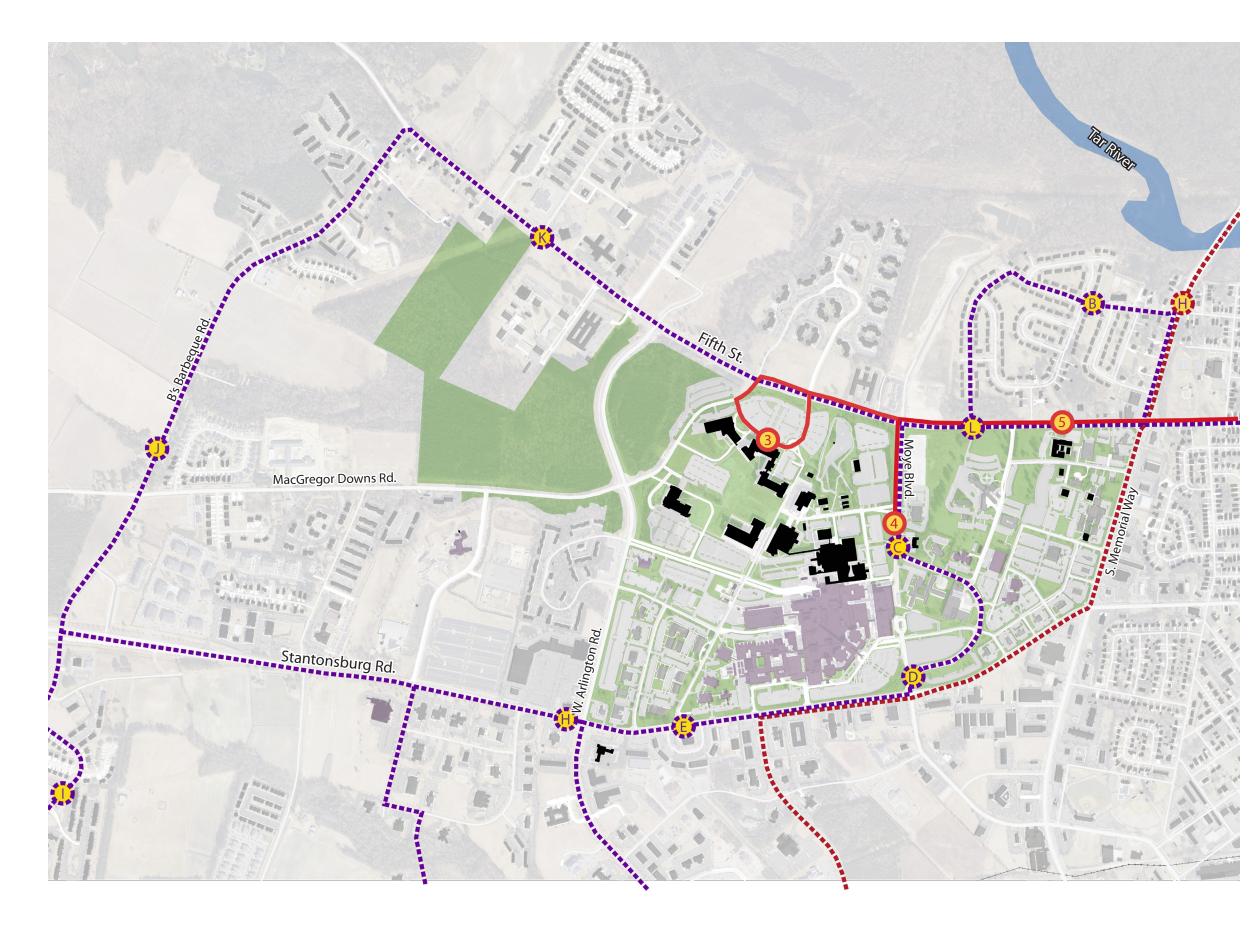
Map Key Description		# of Spaces
SM School of Medicine		3,115
Total spaces		3,115

Includes all lots (except patient parking) at the Health Sciences Campus

TOTAL (ALL LOCATIONS) CAMPUS PARKING SUPPLY RATIO: 1 SPACE PER 3 PEOPLE OR 0.38 PERSONS/SPACE

> Parking data compiled from Martin, Alexiou, Bryson Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 31







GREENVILLE AREA TRANSIT AUTHORITY (GREAT)

- ROUTE 2
- ROUTE 4

EAST CAROLINA UNIVERSITY STUDEN TRANSIT AUTHORITY (ECUSTA)

ROUTE 302 RED

CAMPUS

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 32

SMITHGROUP/JJR 04.29.10



East Carolina University

ESTIMATED DAILY TRAFFIC

ESTIMATED DAILY TRIPS

0-10,000 DAILY TRIPS

- 10,001-20,000 DAILY TRIPS
- 20,001+ DAILY TRIPS
- CAMPUS

Ο

SIGNALIZED INTERSECTIONS

Traffic data compiled from Martin, Alexiou, Bryson Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 33









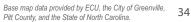
East Carolina University

FUNCTIONAL CLASSIFICATION

FUNCTIONAL ROAD CLASSIFICATIONS

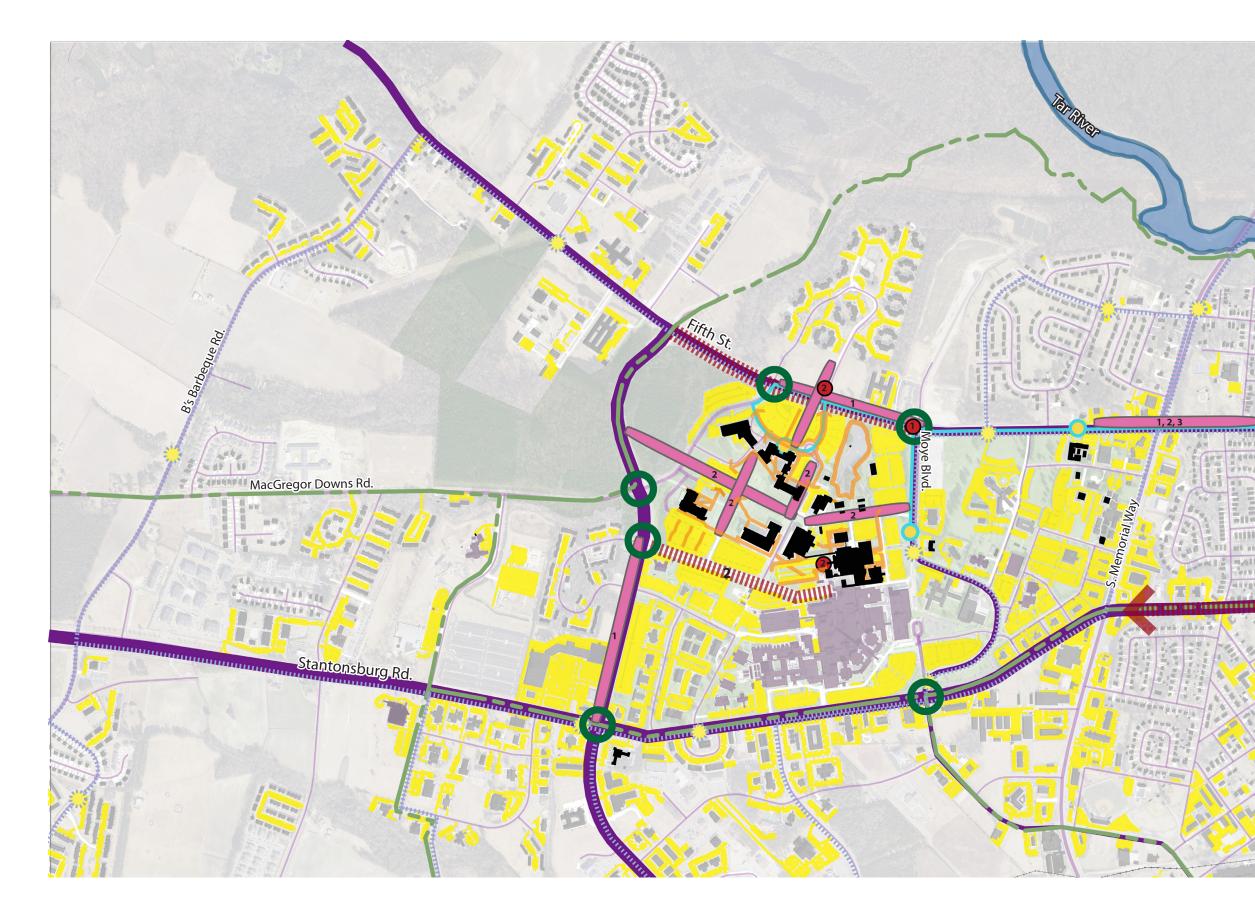


MAJOR THOROUGHFARE MINOR THOROUGHFARE CAMPUS



1000 Feet

SMITHGROUP/JJR 04.29.10



East Carolina University

CIRCULATION ANALYSIS

TRANSIT ROUTES

ECUSTA ROUTES, STOPS
 GREAT ROUTES, STOPS

VEHICULAR CIRCULATION

MAJOR CIRCULATION (WIDTH INDICATES LEVEL OF USE)

BACKGROUND ROAD NETWORK



CAMPUS GATEWAY

PARKING

PEDESTRIAN CIRCULATION

 MAJOR CIRCULATION (WIDTH INDICATES LEVEL OF USE)

PROPOSED AND EXISTING
 GREENWAY

GAPS, CONFLICTS AND CONSTRAINTS

BARRIERS

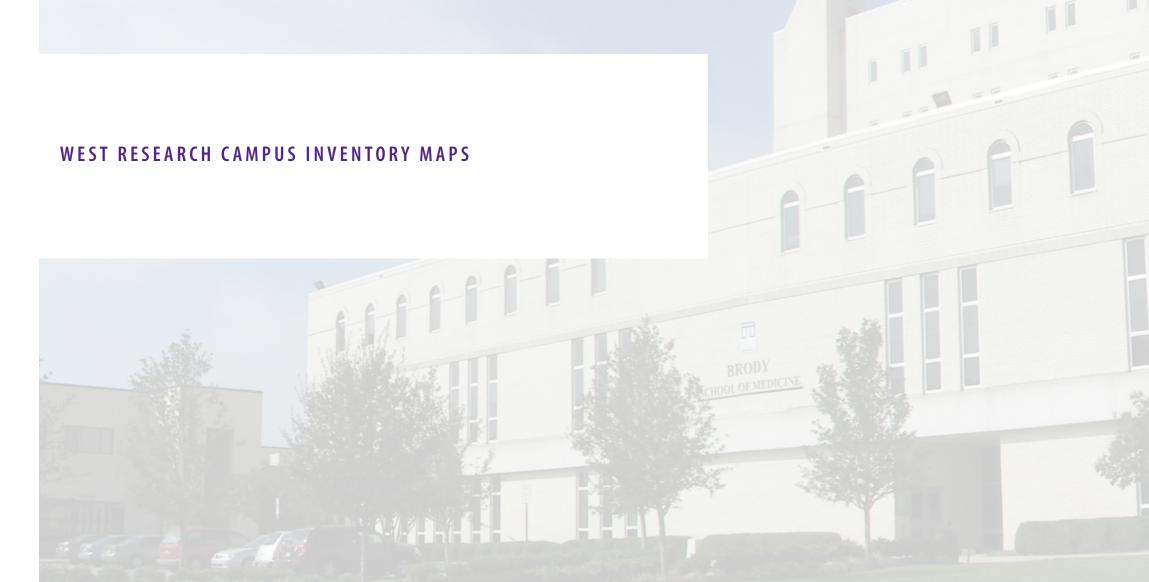


- CONFLICTS
- 1. VEHICULAR
- 2. PEDESTRIAN
- 3. TRANSIT

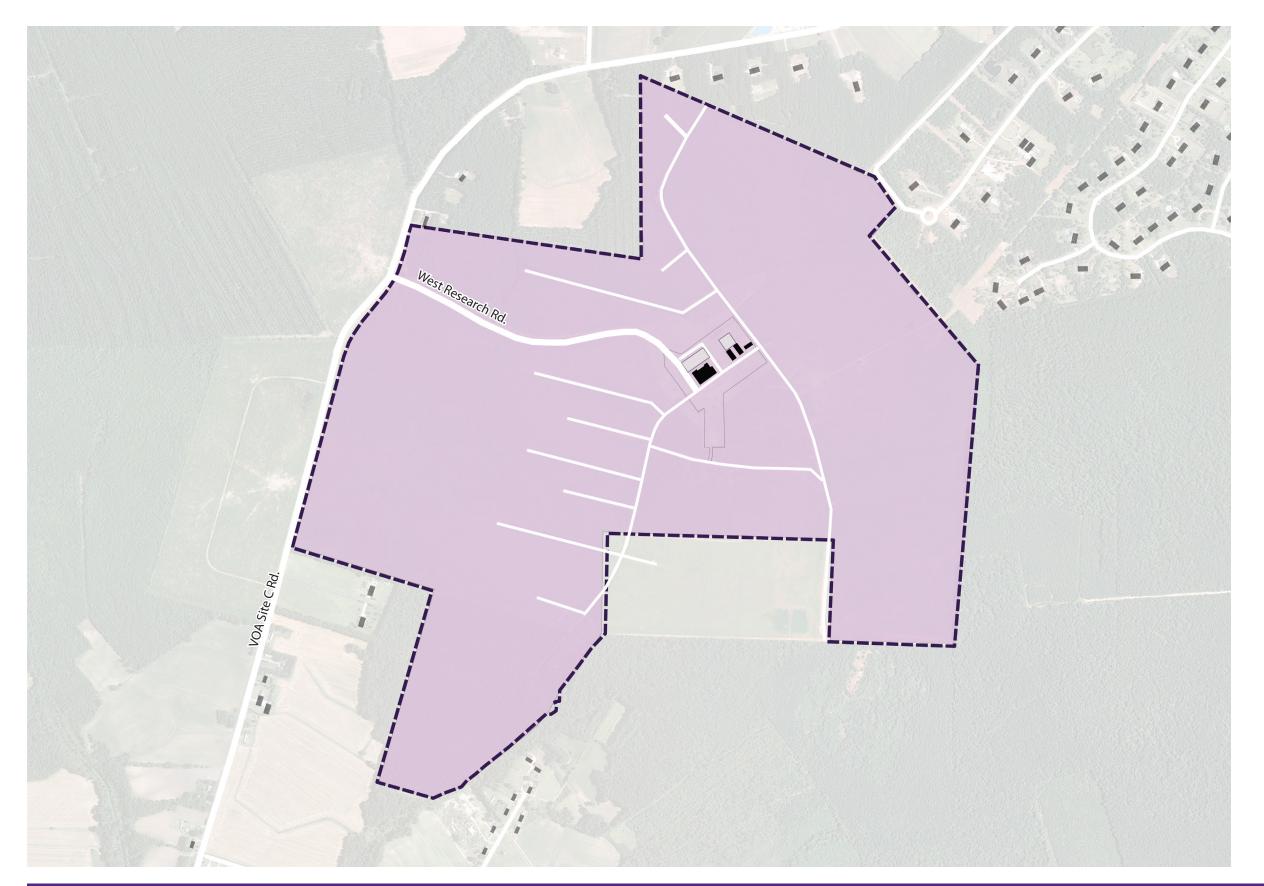
Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 35











East Carolina University

ECU PROPERTY



ECU

ECU BUILDINGS NON-CAMPUS BUILDINGS

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 37

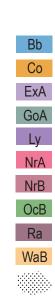
SMITHGROUP/JJR 0 04.29.10





East Carolina University

SOIL TYPES



SOIL TYPES

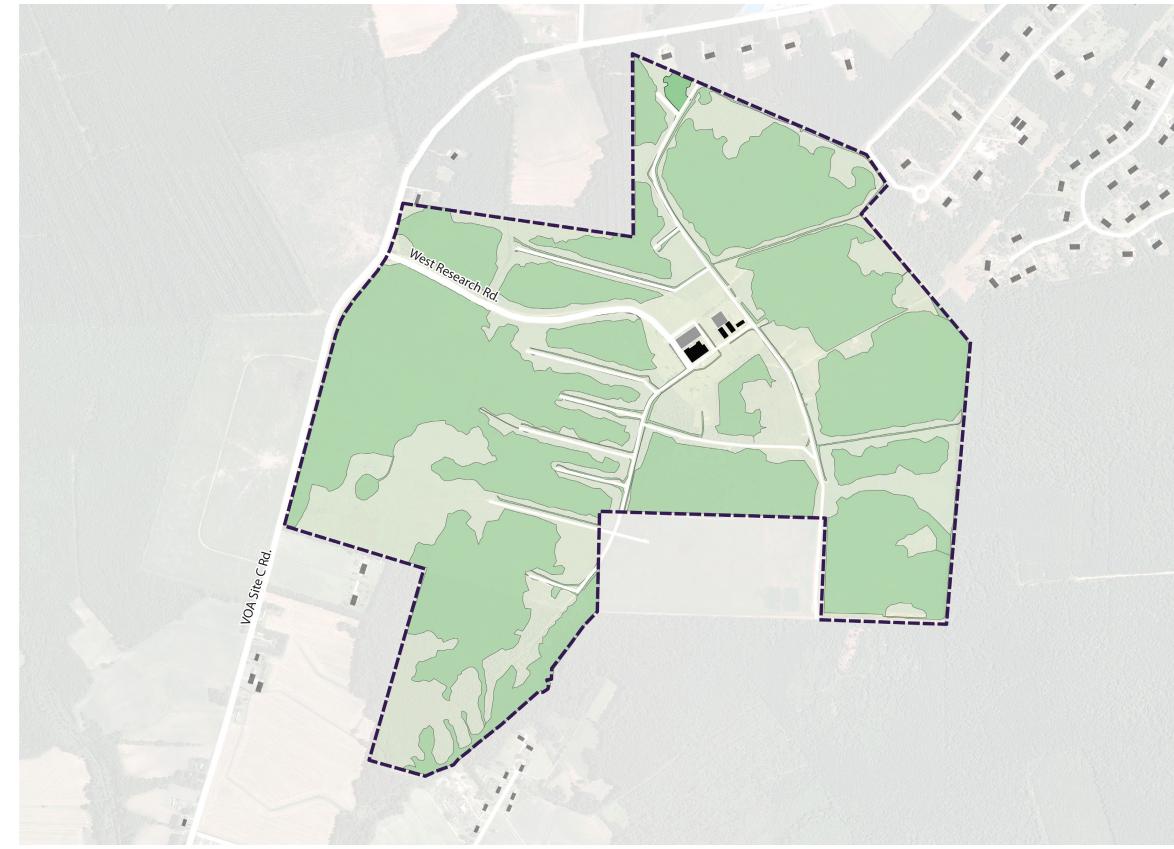
BIBB COMPLEX

COXVILLE FINE SANDY LOAM EXUM FINE SANDY LOAM, 0-1% SLOPE GOLDSBORO SANDY LOAM, 0-1% SLOPE LYNCHBURG FINE SANDY LOAM NORFOLK SANDY LOAM, 0-1% SLOPE NORFOLK SANDY LOAM, 1-6% SLOPE OCILLA LOAMY FINE SAND, 0-4% SLOPE RAINS FINE SANDY LOAM WAGRAM LOAMY SAND, 0-6% SLOPE LIMITING SOILS

> Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 38

> > 1000 Feet

SMITHGROUP/JJR 0 04.29.10



East Carolina University

SITE HYDROLOGY

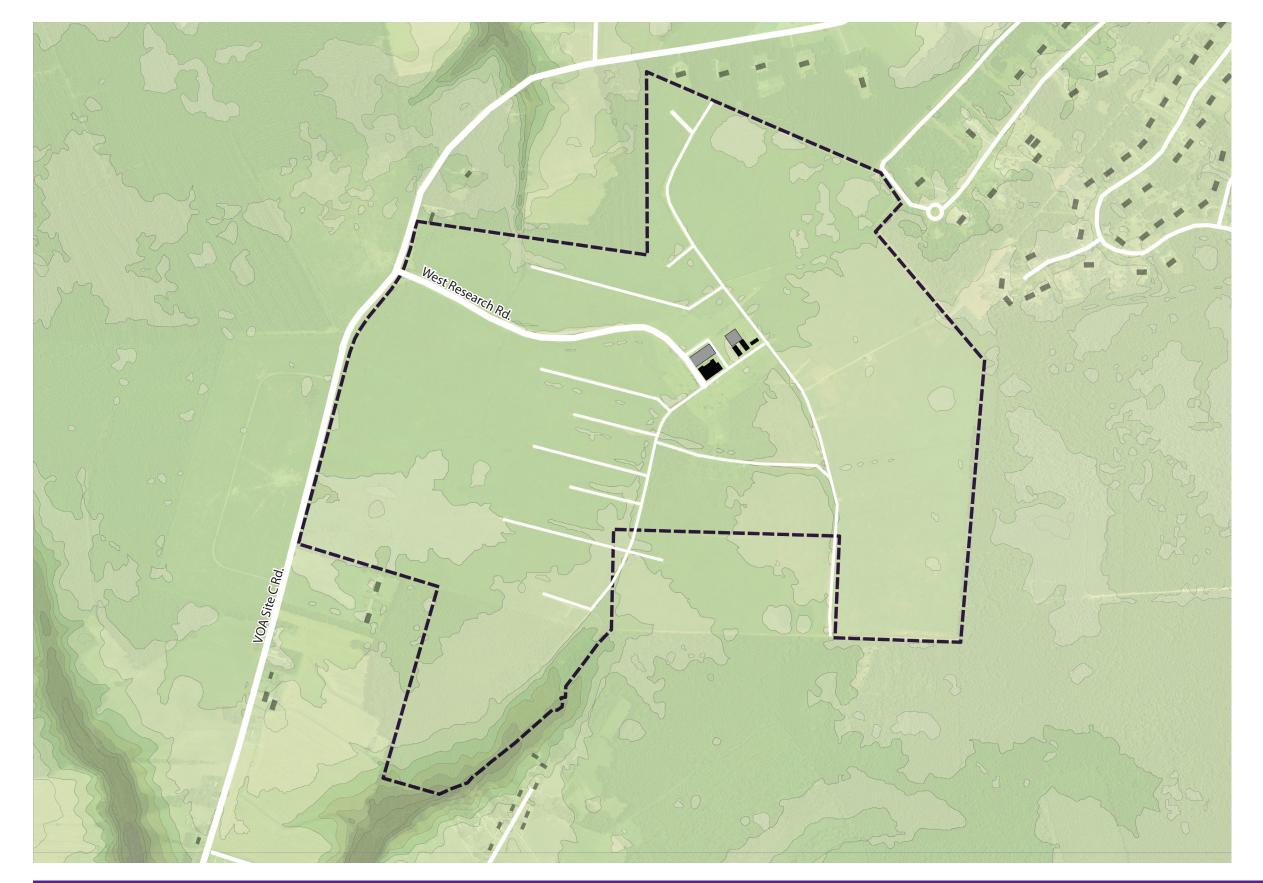




Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 39

SMITHGROUP/JJR 0 04.29.10





PUSINATURAL FEATURES

East Carolina University

TOPOGRAPHY

ELEVATIONS

<66′
66′-70
70′-72
72′-74
74′-76
76′-78
78-80′

80'-82'

- >84′
- 2' CONTOUR INTERVAL

Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 40

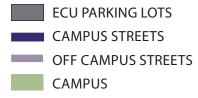




East Carolina University

STREETS AND PARKING

STREETS AND PARKING



Base map data provided by ECU, the City of Greenville, Pitt County, and the State of North Carolina. 41



