

University of Georgia
Senior Administration Retreat
2012

“Following the Master Plan”

Office of the University Architects
for Facilities Planning

University of Georgia

1997-2012



15 years of achieving the master plan

August 2012



A tenet of modern thought states that architectural form reflects the cultural aspirations of the society.

Nowhere is this reflection more recognizable than in the architecture of the American college and university campus.

Creating the Physical Master Plan

Forming Planning Principles

Master Plan Guiding Principles



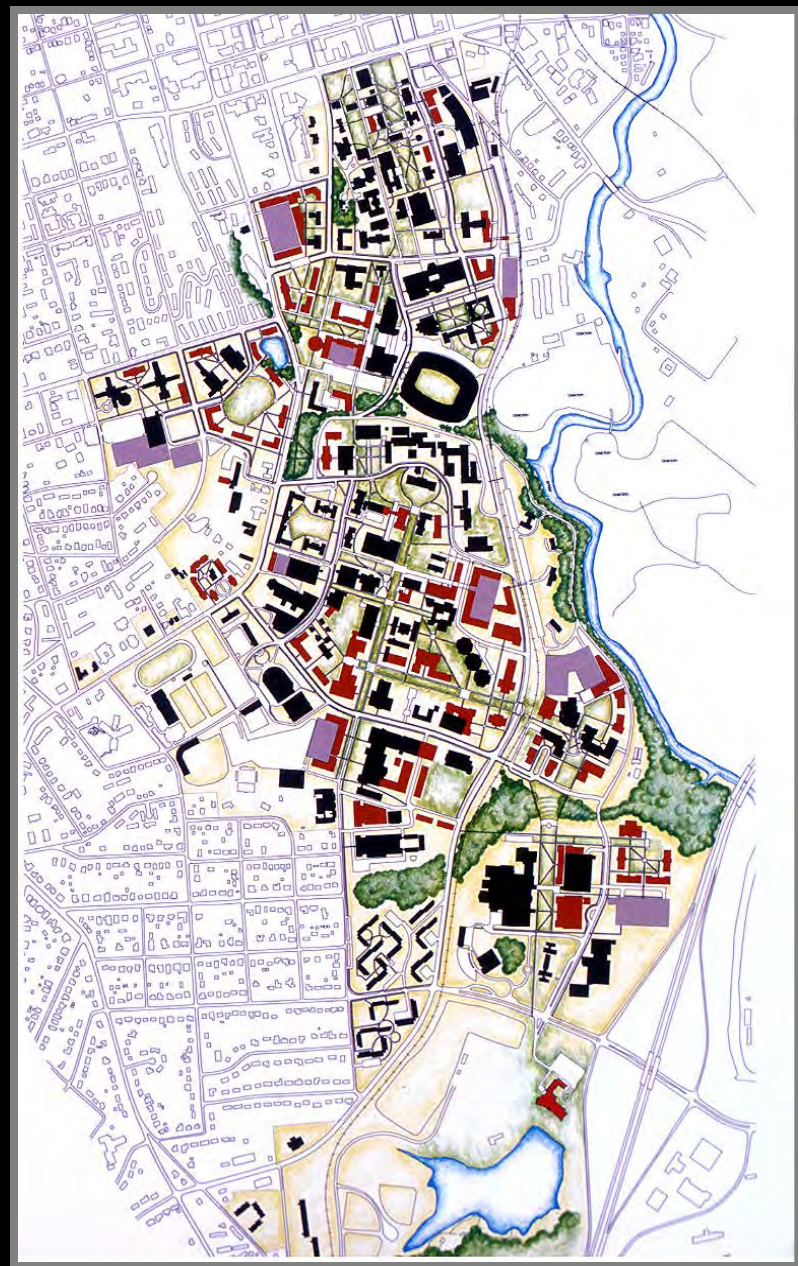
1. Create the optimal student environment.
2. Extend the characteristics of North Campus.
3. Develop a connected campus.
4. Define and provide for current and future facility needs.
5. Provide for academic and student needs on contiguous land.
6. Develop comprehensive solutions to parking traffic and infrastructure.
7. Protect and enhance natural resources.
8. Participate in regional coordination.
9. Prepare for sustained implementation.

1998 Master Plan

Guided by strong principles and careful analysis...

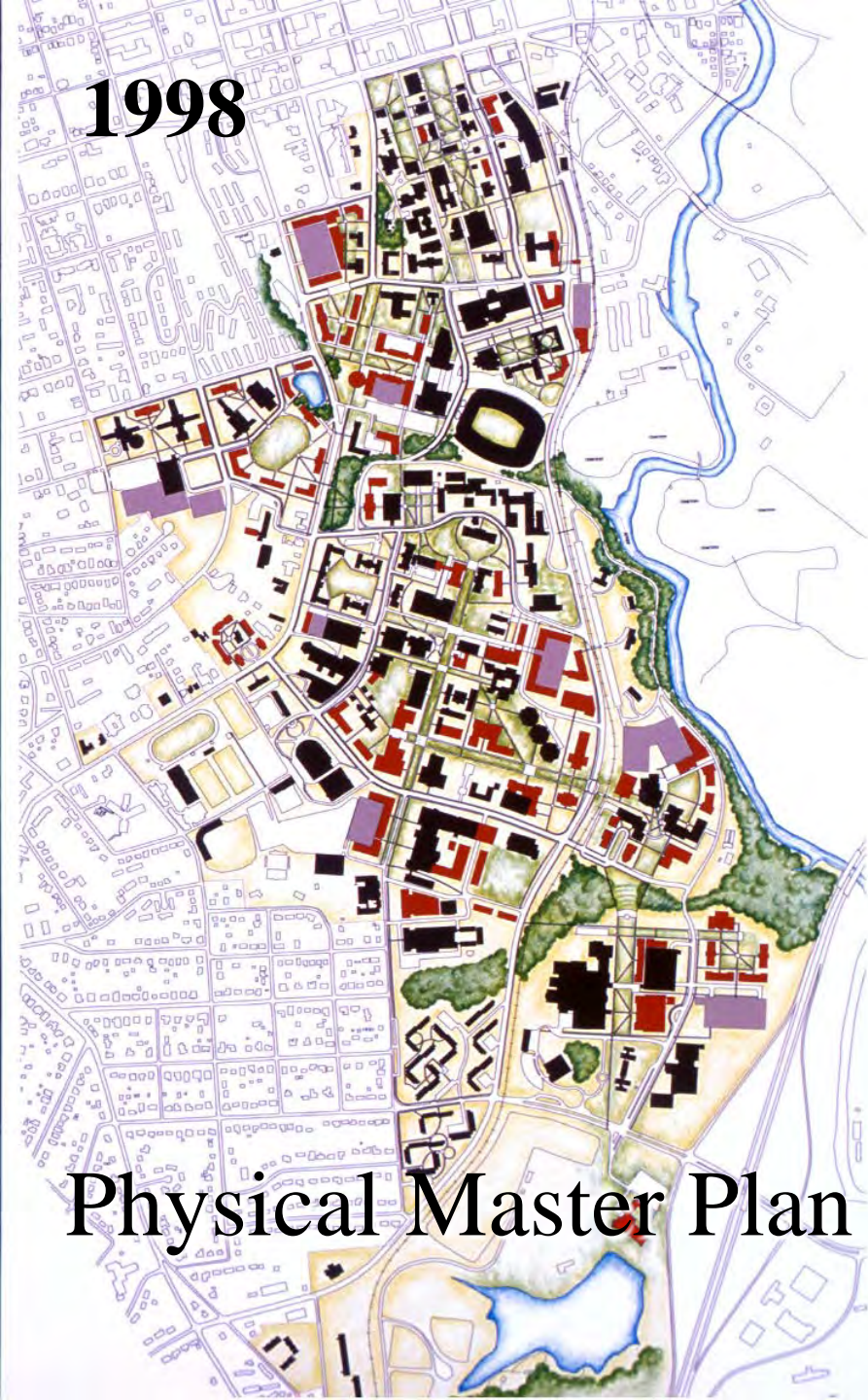


1998 existing conditions

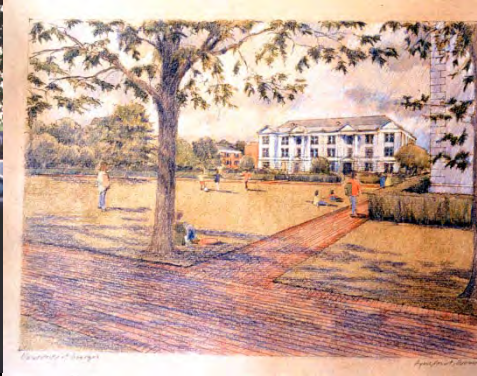


1998 Master Plan

1998

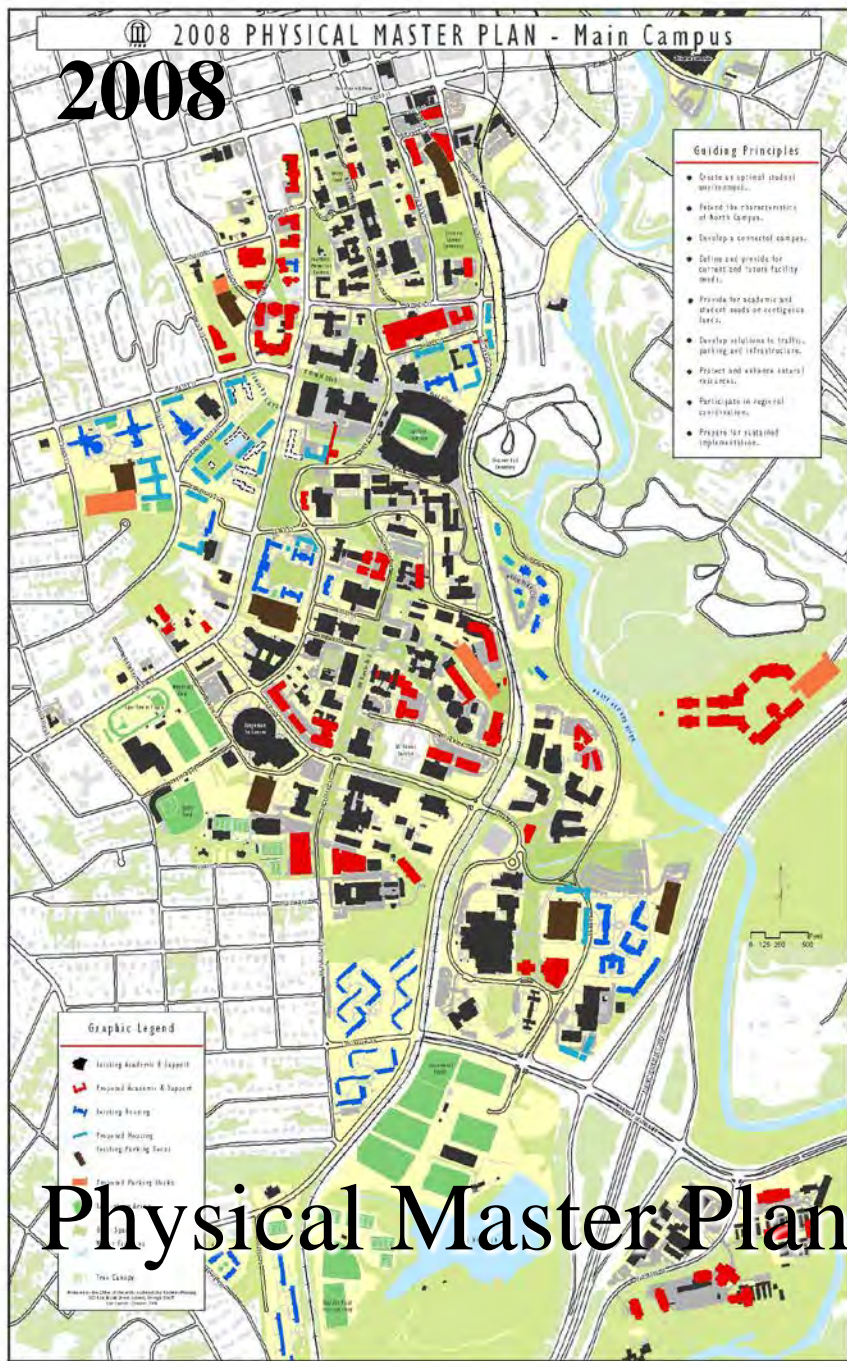


Physical Master Plan





2008



- Guiding Principles**
- Create an optimal student work/life balance.
 - Retain the characteristics of North Carolina.
 - Develop a connected campus.
 - Define and provide for current and future facility needs.
 - Provide for academic and student needs on contiguous lands.
 - Develop solutions to traffic, parking and infrastructure.
 - Protect and enhance natural resources.
 - Participate in regional collaborations.
 - Prepare for sustained implementation.

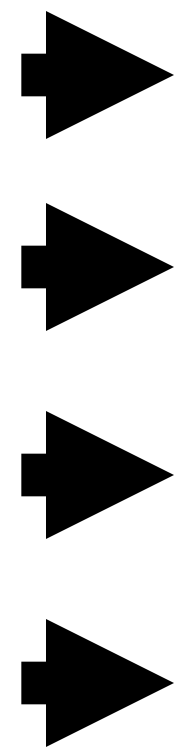
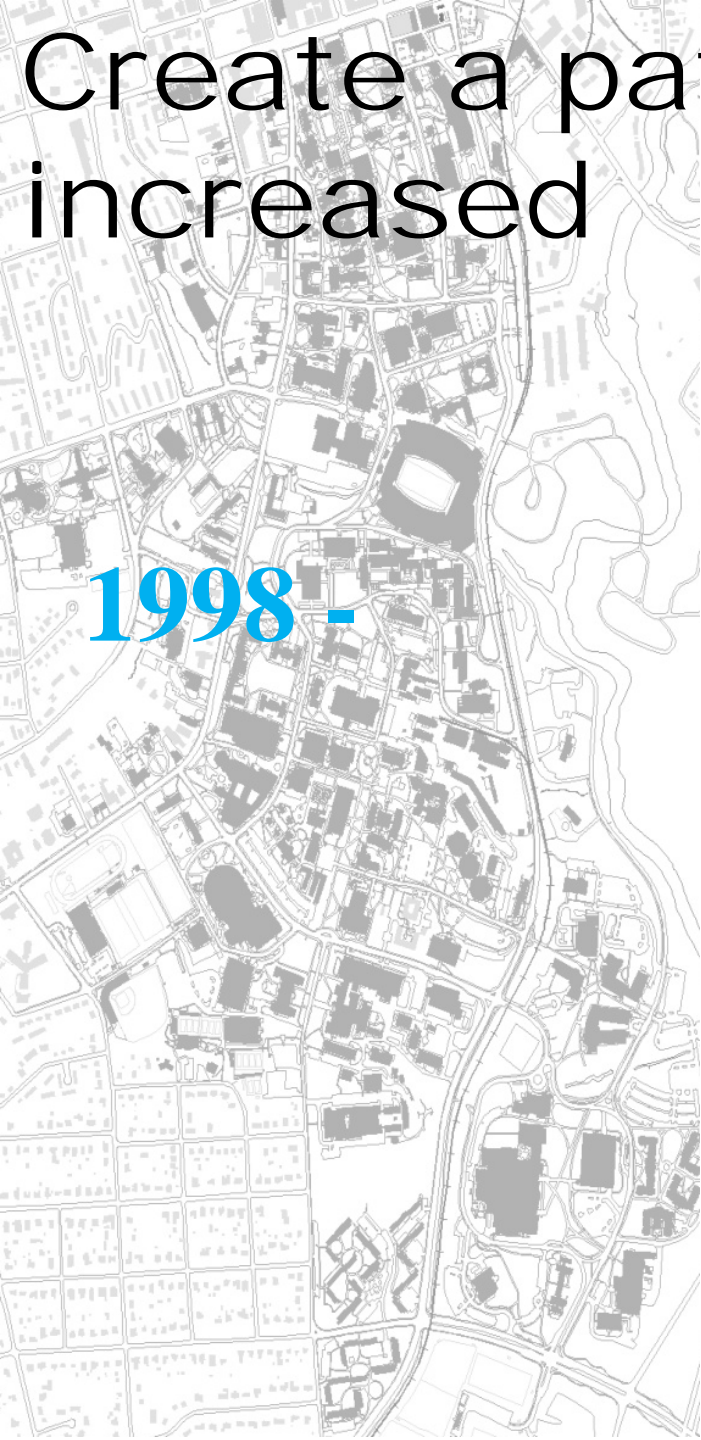
- Graphic Legend**
- Existing Academic Bldg/Space
 - Proposed Academic Bldg/Space
 - Existing Housing
 - Proposed Housing
 - Existing Parking Lots
 - Proposed Parking Lots
- The Campus**
- Prepared by the University of North Carolina System Planning Office
100 S. East Street, Chapel Hill, NC 27514
www.uncc.edu/planning

Physical Master Plan

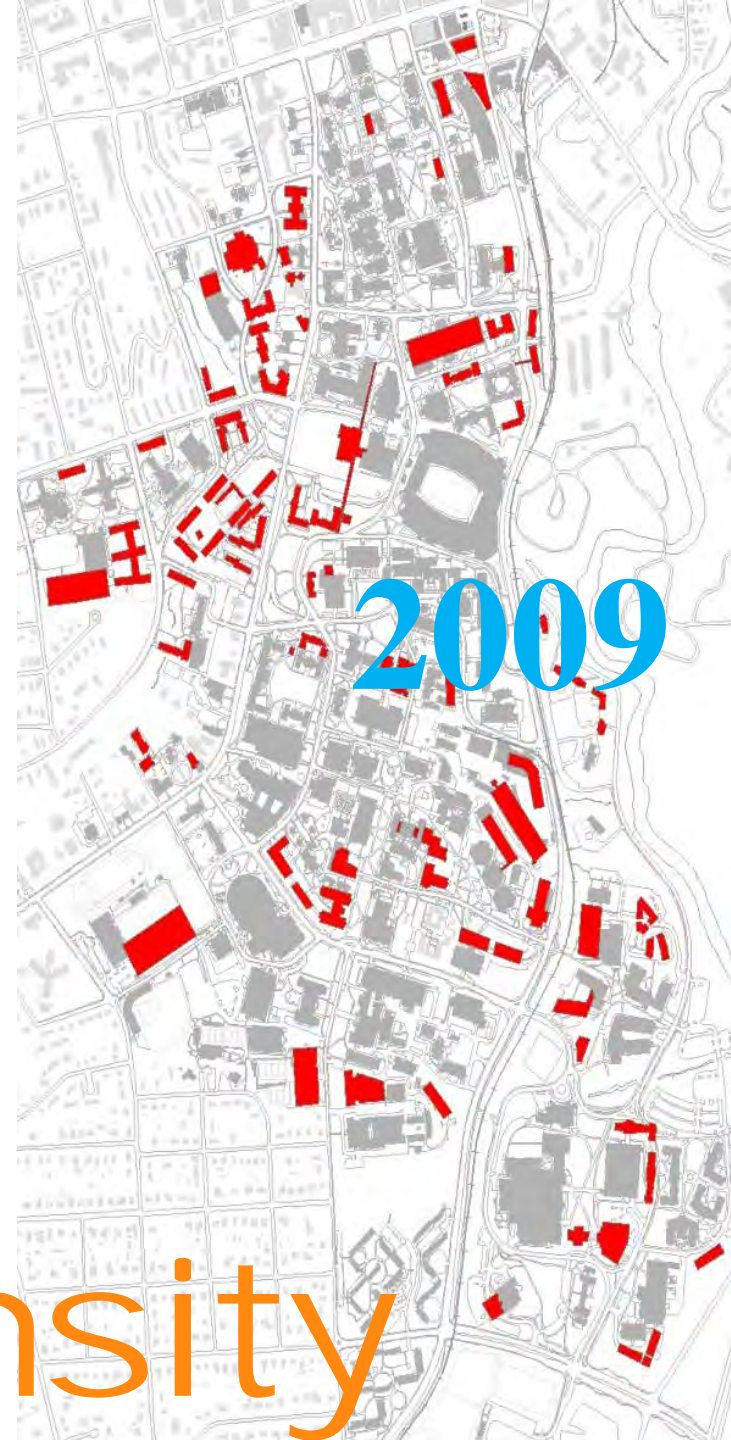


Create a pattern of increased

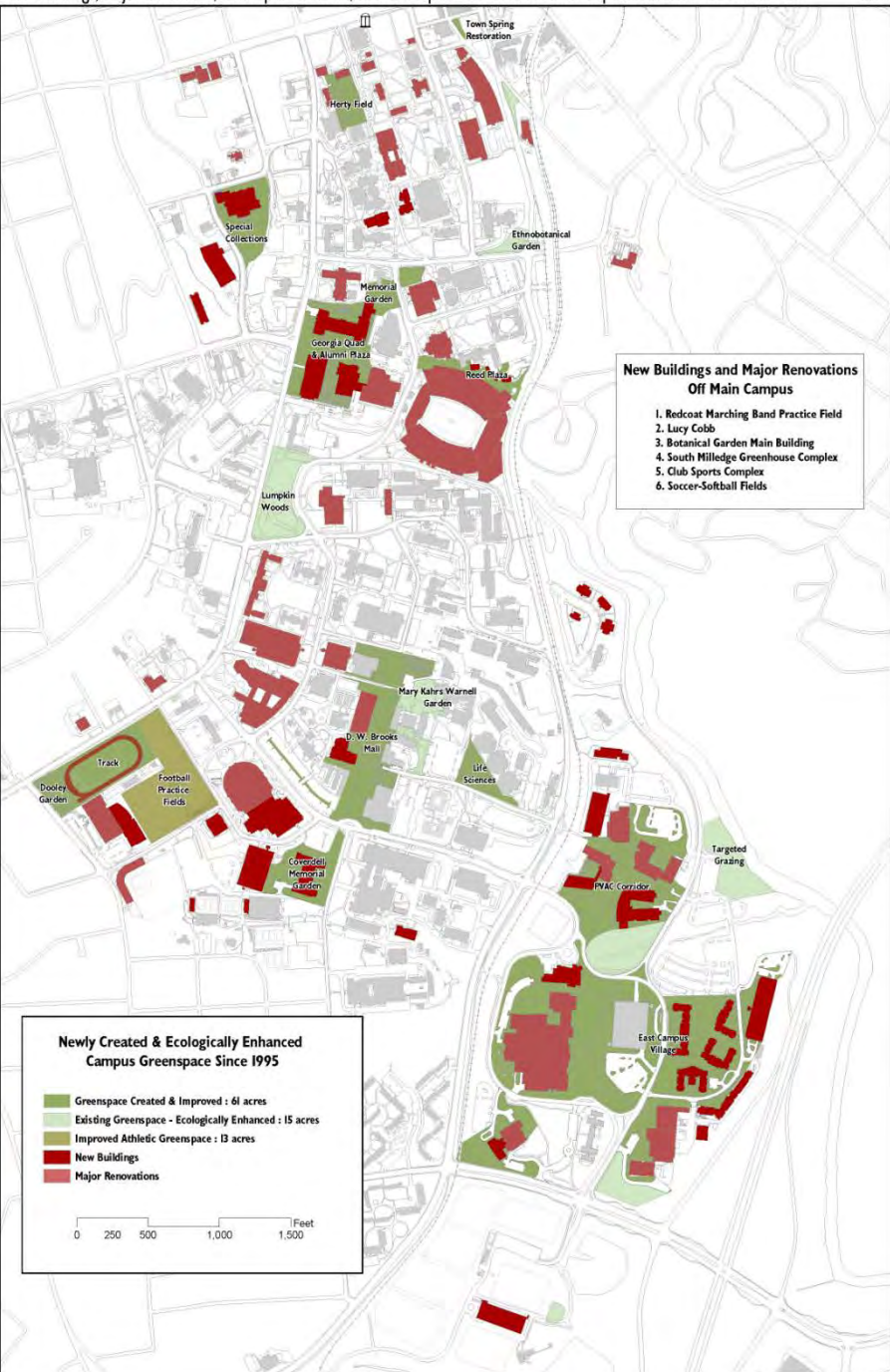
1998 -



2009



Density



INFILL @ UGA: reinstating traditional campus patterns to change a car-centric campus

Since 1998 UGA has created:

- Over 6.2 MILLION sf (40% increase) of Facilities space
- 61 acres Greenspace (either created or ecologically restored)
 - 33 Acres created
 - 15 acres Ecologically Enhanced Woods Stormwater Park)
 - 13 acres improved Athletic Greenspace

Master Plan Fulfillment

TARGET YEAR 2007	Projected	Guideline		Percent	Guideline
SPACE TYPE	Assigned	Assigned	Surplus/	Surplus/	Proj Gross
	Square Ft	Square Ft	(Deficit)	(Deficit)	Square Ft
TOTAL SPACE					
Classroom & Service	278,612	343,629	(65,017)	(23%)	515,444
Teaching Labs & Service	195,914	348,100	(152,186)	(78%)	556,960
Open Labs & Service	190,307	216,016	(25,709)	(14%)	345,625
Research Labs & Service	761,427	1,018,730	(257,303)	(34%)	1,731,841
Academic Offices & Service	944,264	1,177,953	(233,689)	(25%)	1,766,929
Administrative Offices & Service	331,680	482,519	(150,839)	(45%)	723,779
Library	425,050	735,990	(310,940)	(73%)	1,030,386
Physical Education & Recreation	243,944	341,940	(97,996)	(40%)	410,329
Athletics	258,082	258,082	0	0%	309,698
Assembly & Exhibit	164,953	207,450	(42,497)	(26%)	290,430
Student Union	127,124	315,000	(187,876)	(148%)	441,000
Central Computer	31,402	34,500	(3,098)	(10%)	51,750
Physical Plant	344,517	323,175	21,342	6%	387,810
Vehicle Storage/Parking*	740,024	740,024	0	0%	888,029
Other Academic Department Space	592,498	670,535	(78,037)	(13%)	1,005,803
Other Admn Department Space	267,082	313,054	(45,972)	(17%)	469,582
Residence Life**	1,603,233	3,803,233	(2,200,000)	(137%)	5,704,850
TOTAL SPACE SUBTOTAL	7,500,113	11,329,930	(3,829,817)	(51%)	16,630,242

*Separate analysis is being done to determine needs for additional parking structures.

**Space includes residential facilities for President's House (12,048 ASF) and Cont Ed Ctr (47,757).

- 14,470,858 gsf of Facilities Space exists as of 2008 Fact Book
- 15,830,981 gsf of Facilities Space exists as of 2012 Fact Book

As a living and working document, the plan has provided the framework to build within in order to provide a quality environment for higher education instruction.

Master Plan Fulfillment – Major Projects

Classroom & Service Space



Zell B. Miller Learning Center + 205,000 sf

Master Plan Fulfillment – Major Projects

Library Space



Richard B. Russell Building Special Collections Libraries + 115,000 sf

Master Plan Fulfillment – Major Projects

Research Labs & Service Space



Paul D. Coverdell Center + 170,000 sf

Master Plan Fulfillment – Major Projects

Research Labs & Service Space



Pharmacy Addition and Renovation + 92,000 sf

Master Plan Fulfillment – Major Projects

Teaching Labs & Service Space



Proposed Science Learning Center + 140,000 sf

Master Plan Fulfillment – Major Projects

Student Union & Assembly Space



Tate Student Center Expansion + 100,000 sf

Master Plan Fulfillment – Major Projects

Residence Life Space



East Campus Dormitory Facilities + 1,782 new beds

Completed Projects
1998 - Present

No. Project	Comp. Date	Total Project Cost	Type
1 PE Bldg. Renovation - Dance	Feb-98	\$479,000	Renovation
2 CCRC Addition	Mar-98	\$5,535,000	New Construction
3 Demosthenian Hall Renovation	Mar-98	\$308,000	Renovation
4 Envirotron Facility	Mar-98	\$1,261,700	New Construction
5 PE Bldg. Renovation - Marine Sciences	Apr-98	\$435,000	Renovation
6 Poultry Research Center (CAES)	Apr-98	\$6,045,550	New Construction
7 Nat. Environmentally Sound Production Agriculture Lab - Tifton	May-98	\$6,851,960	New Construction
8 Sanford Hall - Coca-Cola Lounge	May-98	\$361,000	New Construction
9 Women's Athletic Facilities - Phase II	Jul-98	\$900,000	New Construction
10 Dairy Research Center, Tifton	Aug-98	\$1,500,000	New Construction
11 Dairy Research Center, Tifton - 4 Bays	Aug-98	\$156,000	New Construction
12 Four Towers Renovation	Aug-98	\$900,000	Renovation
13 Brooks Hall Fire Protection	Sep-98	\$161,500	Renovation
14 Flynt Building Renovation - Phase I	Oct-98	\$978,365	Renovation
15 Reed Hall Renovation	Oct-98	\$10,392,157	Renovation
16 Farm Practice Instructional Lab	Nov-98	\$891,750	New Construction
17 Intramural Tennis Complex - Phase II	Nov-98	\$200,000	New Construction
18 Jackson Street Improvements - Phase I	Nov-98	\$950,000	Infrastructure
19 Natural Products Laboratory - Tifton	Dec-98	\$320,000	New Construction
20 Bull Evaluation Center - Irwinville	Mar-99	\$250,000	New Construction
21 Golf Team Facilities	Mar-99	\$625,000	New Construction
22 Spec Townes Track Resurfacing	Mar-99	\$225,000	Renovation
23 Staff Training Addition	Apr-99	\$975,000	New Construction
24 Edgar L. Rhodes Animal & Dairy Sciences Complex	May-99	\$22,853,000	New Construction
25 Animal Science Complex - Transgenic	May-99	\$175,000	New Construction
26 Garden Club Headquarters	May-99	\$1,925,000	Renovation
27 North Campus Parking Deck	May-99	\$10,390,000	New Construction
28 Coliseum Renovation for Communications	Jun-99	\$516,000	Renovation
29 Georgia Center Restroom Expansion	Jun-99	\$250,000	Renovation
30 Meigs Hall Renovation	Jun-99	\$985,000	Renovation
31 Meigs Hall Renovation - Phase II	Sep-99	\$532,941	Renovation
32 Bulldog Room Renovation	Nov-99	\$1,113,632	Renovation
33 Hazardous Material Office Building	Dec-99	\$252,000	New Construction
34 Plant Pathology Nematode Lab	Dec-99	\$200,000	New Construction
35 Administration Building - Renovation	Jan-00	\$2,500,000	Renovation
36 Flynt Building Renovation - Phase II	Mar-00	\$975,000	Renovation
37 Administration Building - Sitework	Mar-00	\$220,000	Renovation
38 Women's Athletic Facilities - Phase III	Mar-00	\$460,000	New Construction
39 Gilbert Hall Renovation	Apr-00	\$778,648	Renovation
40 Thomas Street Storm Drainage	Apr-00	\$114,970	Infrastructure
41 Food Science Renovation - Athens	May-00	\$2,050,000	Renovation
42 Gilbert Hall Renovation - Phase II	May-00	\$650,000	Renovation
43 Sanford Stadium - Waterproofing	May-00	\$350,000	Renovation
44 Veterinary Medicine Animal Resources Renovation	May-00	\$325,503	Renovation
45 Animal Science - Transgenic Unit	Jun-00	\$700,000	New Construction
46 Moore College Renovation - Phase I	Aug-00	\$950,000	Renovation
47 Sanford Stadium SkySuite Addition	Aug-00	\$12,800,000	New Construction
48 Animal & Dairy Science Feedmill	Sep-00	\$571,000	New Construction
49 Central Campus Utility Corridor	Sep-00	\$785,000	Infrastructure
50 Transgenic Poultry Facility	Sep-00	\$1,200,000	New Construction
51 Camp Wahsega Sewer Upgrade	Oct-00	\$450,000	Infrastructure
52 Botanical Garden Sidewalk Improvement	Nov-00	\$140,000	Infrastructure
53 Building "H" Restoration	Dec-00	\$1,600,000	Renovation
54 Center for Applied Genetic Technologies - Phase I	Jan-01	\$8,550,000	New Construction
55 Gwinnett Academic Facility	Jan-01	\$21,755,000	New Construction
56 Rock Eagle Infrastructure	Jan-01	\$1,200,000	Infrastructure
57 Veterinary Diagnostic Lab	Feb-01	\$6,300,000	New Construction
58 Rec. Sports Complex Lighting	Feb-01	\$1,000,000	New Construction
59 CAES Land Resources Master Plan	Mar-01	\$108,000	Renovation
60 Carlton Street Parking Deck	Aug-01	\$9,150,000	New Construction





Completed Projects
1998 - Present

No. Project	Comp. Date	Total Project Cost	Type
61 Moore College, Phase II	Aug-01	\$995,000	Renovation
62 Sanford Stadium Kitchen Catering	Sep-01	\$267,000	Renovation
63 Animal Science Arena	Nov-01	\$4,900,000	New Construction
64 Thomas Street Water Main Upgrade	Dec-01	\$666,747	Infrastructure
65 Women's Athletic Facilities - North Parking Lot	Dec-01	\$555,000	New Construction
66 Women's Athletic Facilities - Plaza	Dec-01	\$200,000	New Construction
67 Women's Athletic Facilities - Softball Indoor Facility	Dec-01	\$760,000	New Construction
68 Butts-Mehre Interior Renovations	Jan-02	\$266,875	Renovation
69 Marine Sciences Renovation, Phase I	Feb-02	\$662,969	Renovation
70 Wray Nicholson Complex (Hull Houses)	Mar-02	\$590,000	Renovation
71 Jekyll Island 4H Staff Facility	May-02	\$450,000	New Construction
72 Aquatic Biotechnology Evaluation Lab	Jun-02	\$1,200,000	New Construction
73 Botanical Garden Road Improvements	Jun-02	\$100,000	Infrastructure
74 Flynt Building Renovation, Phase III	Jun-02	\$827,000	Renovation
75 Center for Applied Genetic Technologies - Phase II	Jul-02	\$4,290,000	New Construction
76 Forest Resources Education Center	Jul-02	\$250,000	New Construction
77 Golf Course Irrigation System	Jul-02	\$925,000	Infrastructure
78 Hooper St / East Campus Rd Intersection	Jul-02	\$300,000	Infrastructure
79 Building "G" Renovation	Aug-02	\$1,830,000	Renovation
80 East Campus Village Parking Deck	Aug-02	\$8,750,000	New Construction
81 Jekyll Island 4-H Dining Hall	Aug-02	\$300,000	Renovation
82 Research Park Infrastructure/Road Realignment	Aug-02	\$1,540,000	Infrastructure
83 Sanford Stadium - Gate 6 Improvements	Aug-02	\$17,000,000	New Construction
84 Fanning Building	Sep-02	\$4,746,360	New Construction
85 Fine Arts Theater Renovation	Sep-02	\$430,050	Renovation
86 Sanford Stadium Skyclub Expansion	Sep-02	\$820,000	New Construction
87 Rankin M. Smith, Sr. Student Athlete Academic Center	Nov-02	\$7,150,000	New Construction
88 DW Brooks Drive, Phase I	Jan-03	\$3,040,000	Infrastructure
89 Rock Eagle 4-H Auditorium HVAC Upgrade	Jan-03	\$198,000	Renovation
90 Auxiliary Services Warehouse	Feb-03	\$2,000,000	Renovation
91 Sanford Stadium Power Loop Relocation	Feb-03	\$575,000	Infrastructure
92 Bioscience/Chemistry Sprinkler Systems	May-03	\$1,105,455	Infrastructure
93 Law School Classroom/Auditorium Renovation	May-03	\$2,338,570	Renovation
94 Veterinary Medicine Building 11	May-03	\$887,843	Renovation
95 Candler Hall	Jun-03	\$3,000,000	Renovation
96 Food Science Addition	Jun-03	\$4,537,000	New Construction
97 Georgia Center Fire Alarm Upgrade	Jun-03	\$416,775	Infrastructure
98 Marine Sciences Renovation, Phase II	Jun-03	\$935,000	Renovation
99 Butts-Mehre 2nd Floor Improvements	Jul-03	\$750,000	Renovation
100 Law Library Furnishings	Jul-03	\$625,000	Renovation
101 Boyd Golf Center Tee Box Building	Aug-03	\$120,000	New Construction
102 Butts-Mehre Football Locker Room	Aug-03	\$2,300,000	Renovation
103 DW Brooks Drive, Phase II	Aug-03	\$925,000	Infrastructure
104 Myers Hall Renovation	Aug-03	\$17,217,000	Renovation
105 Coverdell Infrastructure Phases I and II	Sep-03	\$1,950,000	Infrastructure
106 Jekyll Island 4-H Center Major Repairs	Sep-03	\$1,815,000	Renovation
107 Sanford Stadium North Seating Expansion	Sep-03	\$25,500,000	New Construction
108 Student Learning Center	Sep-03	\$44,025,000	New Construction
109 Complex Carbohydrate Research Center	Nov-03	\$36,000,000	New Construction
110 Turner Soccer Clubhouse	Nov-03	\$1,750,000	New Construction
111 Peabody Awards Interior Renovation - Grady College	Dec-03	\$560,000	Renovation
112 Dan Magill Tennis Center	Feb-04	\$7,650,000	New Construction
113 Softball Stadium	Feb-04	\$4,200,000	New Construction
114 Burton 4-H Center on Tybee Island - Dining Hall	Mar-04	\$250,000	Renovation
115 DW Brooks Drive Phase III	Jun-04	\$700,000	Infrastructure
116 Marine Sciences Renovation - Phases IV and V	Jun-04	\$1,350,000	Renovation
117 Student Learning Center Additional Work	Jun-04	\$500,000	Infrastructure
118 Family Housing Building "A" Renovation	Jul-04	\$960,000	Renovation
119 Stegeman Coliseum Hospitality Room	Jul-04	\$280,000	Renovation
120 Veterinary Medicine BSL-3 Lab Buildout - Tifton	Jul-04	\$560,000	Renovation

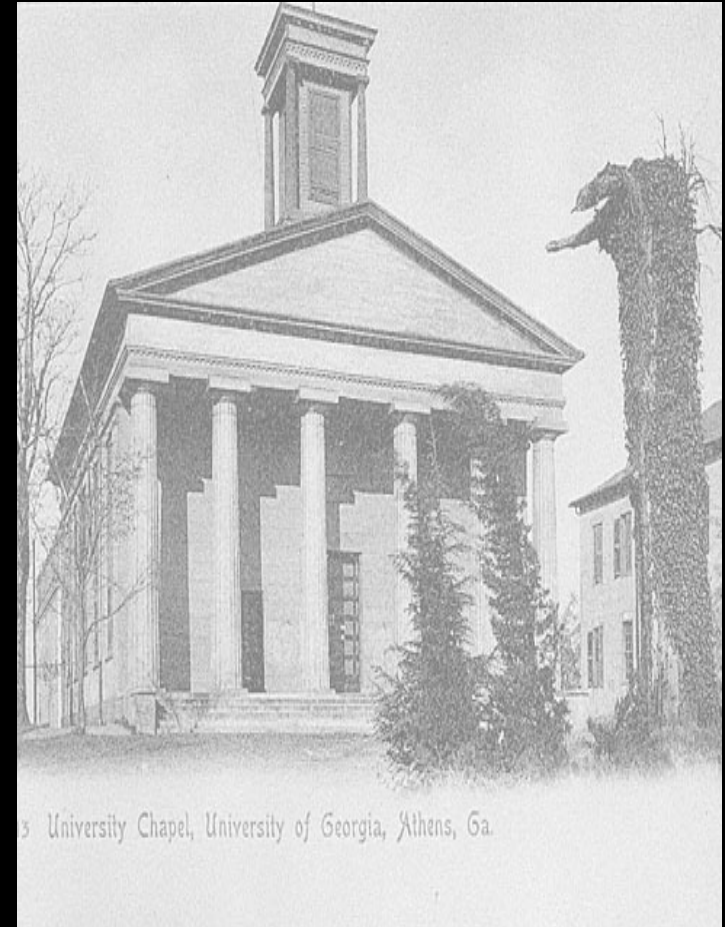
Completed Projects
1998 - Present

No. Project	Comp. Date	Total Project Cost	Type
121 Animal Health and Bioresources Facility	Aug-04	\$5,650,000	New Construction
122 East Village Commons - Dining Facility	Aug-04	\$13,800,000	New Construction
123 Men's Basketball Locker Room Renovation	Aug-04	\$650,000	Renovation
124 Sanford Stadium - North Skysuites	Aug-04	\$7,750,000	New Construction
125 South Campus Parking Deck Expansion	Aug-04	\$5,300,000	New Construction
126 East Campus Village Housing	Aug-04	\$65,000,000	New Construction
127 Hull Street Parking Deck	Sep-04	\$11,700,000	New Construction
128 River Trail, Phase II	Sep-04	\$365,000	Infrastructure
129 Sanford Stadium Press Box Expansion	Sep-04	\$1,000,000	Renovation
130 Central Food Storage Expansion	Oct-04	\$1,900,000	New Construction
131 Micro-Gin, Tifton	Oct-04	\$2,035,000	New Construction
132 Central Campus Infrastructure Upgrades	Dec-04	\$500,000	Infrastructure
133 Memorial Hall - Dean of Students Renovation	Dec-04	\$840,000	Renovation
134 Veterinary Bioresources Facility	Jan-05	\$5,650,000	New Construction
135 Phi Kappa Hall Renovation	Mar-05	\$840,000	Renovation
136 Rural Development Center - Tifton	Jun-05	\$10,610,000	New Construction
137 Natural History Museum	Oct-05	\$900,000	Renovation
138 Skidaway Shellfish Lab Renovation	Oct-05	\$1,093,000	Renovation
139 Flynt Building Renovation Phase IV - Griffin	Nov-05	\$500,000	Renovation
140 Memorial Hall Renovation - Phase II	Dec-05	\$330,000	Renovation
141 Horticulture Building Renovation - Tifton	Feb-06	\$1,700,000	Renovation
142 Georgia Center A/V Modifications	Mar-06	\$590,000	Renovation
143 Smith Street Realignment	Mar-06	\$1,000,000	Infrastructure
144 Paul D. Coverdell Center for Biomedical & Health Sciences	Apr-06	\$40,000,000	New Construction
145 Rock Eagle Security Upgrades	Apr-06	\$380,000	New Construction
146 Veterinary Medicine Building #9 Renovation	May-06	\$2,310,000	Renovation
147 Law School Classroom Renovations	Aug-06	\$990,000	Renovation
148 Chemistry Building Sprinkler System	Aug-06	\$550,000	Renovation
149 Old College Renovation	Oct-06	\$3,100,000	Renovation
150 UGA Golf Course Renovations	Jan-07	\$2,000,000	Renovation
151 Olympic Gym Relocation - Phases I and II	Mar-07	\$2,600,000	Renovation
152 Sapelo Island BIRL Center	Apr-07	\$2,300,000	Renovation
153 Coliseum Training Facility	Aug-07	\$30,000,000	New Construction
154 Botanical Garden Welcome Center - Griffin	Dec-07	\$350,000	Renovation
155 Griffin Underground Utilities, Phase I	May-08	\$560,000	Infrastructure
156 Lamar Dodd School of Art	Jun-08	\$40,900,000	New Construction
157 Greek Housing Fire Upgrades	Aug-08	\$1,096,600	Renovation
158 Physics Building Renovation/Expansion	Aug-08	\$3,200,000	Renovation
159 Marine Genomics Lab - Final Phase	Aug-08	\$750,000	Renovation
160 Lucy Cobb Renovation	Sep-08	\$400,000	Renovation
161 East Campus Water Main	Oct-08	\$292,000	Infrastructure
162 Vince Dooley Statue & Gardens	Nov-08	\$2,000,000	New Construction
163 Law School Courtroom Renovations	Nov-08	\$776,000	Renovation
164 Rock Eagle Dining Hall	Jan-09	\$10,100,000	New Construction
165 Intramural Sports Complex	Jan-09	\$2,500,000	New Construction
166 University Health Center Expansion	Mar-09	\$17,000,000	New Construction
167 Griffin Turf Complex	Apr-09	\$720,000	New Construction
168 Intramural Band Field	Jun-09	\$650,000	New Construction
169 Tate Center Expansion/Renovation/Parking Deck	Jun-09	\$58,200,000	New Construction
170 Student Learning Center - Griffin	Jul-09	\$10,000,000	New Construction
171 College of Pharmacy Facility	Jul-09	\$43,000,000	New Construction
172 Interim Medical Partnership Renovation	Jul-09	\$9,750,000	Renovation
173 Physical Plant Infrastructure Projects FY 98-08		\$78,696,443	Infrastructure
174 Physical Plant Renovation Projects FY 98-08		\$57,253,022	Renovation
175 Fraternity Park - River Road	Aug-09	8,485,000	New Construction
176 Ramsey Gymnasium Expansion/Renovation (Room 232)	Aug-09	2,700,000	Expansion/Renovation
177 Botanical Gardens Visitors Center	Sep-09	820,000	Renovation
178 Sapelo Island Powerhouse Renovation	Sep-09	419,000	Renovation
179 Intramural Field Parking Deck	Sep-09	8,500,000	New Construction
180 PAC Parking Deck	Sep-09	8,500,000	New Construction



Completed Projects
1998 - Present

No. Project	Comp. Date	Total Project Cost	Type
181 Rock Eagle Swimming Pool Renovation	Nov-09	354,000	Renovation
182 College of Journalism - 1st Floor (WNEG)	Dec-09	925,000	Renovation
183 New College Renovation	Feb-10	4,200,000	Renovation
184 Spec Towns Track Improvemnts	Apr-10	3,000,000	Renovation
185 Rock Eagle Gas Building	Apr-10	225,000	Renovation
186 Fine Arts Theater Renovation	Apr-10	5,200,000	Renovation
187 Ramsey Center Swimming Pool Bulkhead	May-10	375,000	Renovation
188 East Campus Residence Hall (1516)	Jul-10	47,000,000	New Construction
189 Boyd Sprinkler System (Final Phase)	Aug-10	300,000	Life Safety
190 College of Journalism - 4th Floor Renovation	Aug-10	1,956,000	Renovation
191 Griffin Redding Labs Renovation	Aug-10	390,000	Renovation
192 Stegeman Coliseum Renovation	Sep-10	14,500,000	Expansion/Renovation
193 Reed Plaza	Sep-10	8,800,000	Expansion/Renovation
194 570 Prince Avenue Renovations	Sep-10	950,000	Renovation
195 Ramsey Center Rock Climbing Wall	Oct-10	200,000	Renovation
196 Griffin - Parking Lot/Road Improvements	Dec-10	1,400,000	Infrastructure
197 Rock Eagle Hastings & Talmadge Renovations	Dec-10	275,000	Renovation
198 Georgia Museum of Art	Jan-11	20,000,000	Expansion/Renovation
199 Butts Mehre Expansion	Feb-11	39,500,000	Expansion/Renovation
200 Double Bridges Farm Livestock Facilities	Feb-11	5,000,000	New Construction
201 Rock Eagle Sutton Hall Renovation - Pase I	Mar-11	626,000	Renovation
202 Park Hall Renovation	Mar-11	557,000	Renovation
203 College of Pharmacy Renovation	Mar-11	4,500,000	Renovation
204 Rock Eagle Water Infrastructure (Phase II)	Apr-11	900,000	Infrastructure
205 Life Sciences Complex - Fire Truck Access	Apr-11	305,000	Life Safety
206 Ceramics Building - (School of Art Phase II)	Apr-11	2,520,000	New Construction
207 PVAC - Fire Truck Access	Jun-11	695,000	Life Safety
208 International Education	Jul-11	1,265,000	Renovation
209 Tanner Building Renovation	Jul-11	75,000	Renovation
210 Botanical Gardens Café Renovation	Jul-11	70,000	Renovation
211 Mary Lyndon Renovation	Aug-11	3,100,000	Renovation
212 Payne Hall HVAC	Aug-11	1,000,000	Renovation
213 Health Center - Vision Clinic	Aug-11	550,000	Renovation
214 Law School - Phase I	Oct-11	4,350,000	Renovation
215 Special Collections Libraries	Jan-12	41,100,000	New Construction
216 HSC - Child Care Facility	Jan-12	1,900,000	Renovation
217 Pharmacy - 4th Floor Build Out	Jun-12	1,750,000	Renovation
218 Main Library, 3rd Floor Renovation	Jul-12	450,000	Renovation
219 Pharmacy - 3rd Floor Renovation	Jul-12	5,000,000	Renovation
220 Rock Eagle Sutton Hall Renovation - Pase II	Jul-12	875,000	Renovation
221 O-House Dining Expansion	Aug-12	4,350,000	Expansion/Renovation
222 Visual Arts Renovation	Aug-12	10,375,000	Renovation
223 Health Center - Gold Clinic	Aug-12	1,100,000	Renovation
224 Health Sciences Campus - Phase I	Aug-12	12,500,000	Renovation
225 Morris-Seoule Hall - Mechanical Upgrades	Aug-12	850,000	Renovation
226 Building 1512 - HVAC Upgrades	Aug-12	750,000	Renovation
227 Health Sciences Campus - McGowan Apartments	Aug-12	1,000,000	Renovation
228 Health Sciences Campus - Facilities Upgrades	Sep-12	3,250,000	Renovation
229 Law School - Phase II	Sep-12	850,000	Renovation
230 Main Library, 1st Floor Renovation	Sep-12	1,850,000	Renovation
231 Science Library, 1st Floor Renovation	Sep-12	650,000	Renovation

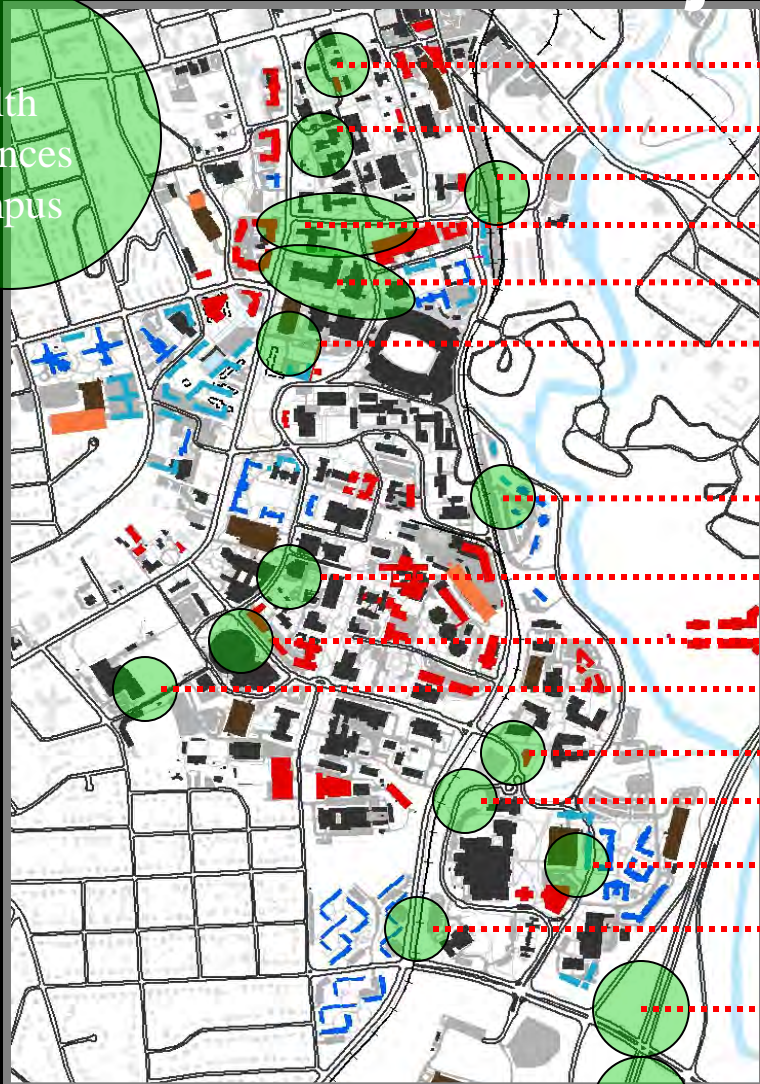
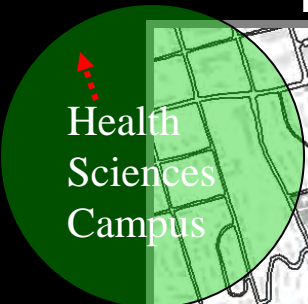


University Chapel, University of Georgia, Athens, Ga.

*New Construction
Renovation
Infrastructure*

Over **\$1,300,000,000** in Improvements in 14 years.

Facilities Projects 2009 - Present



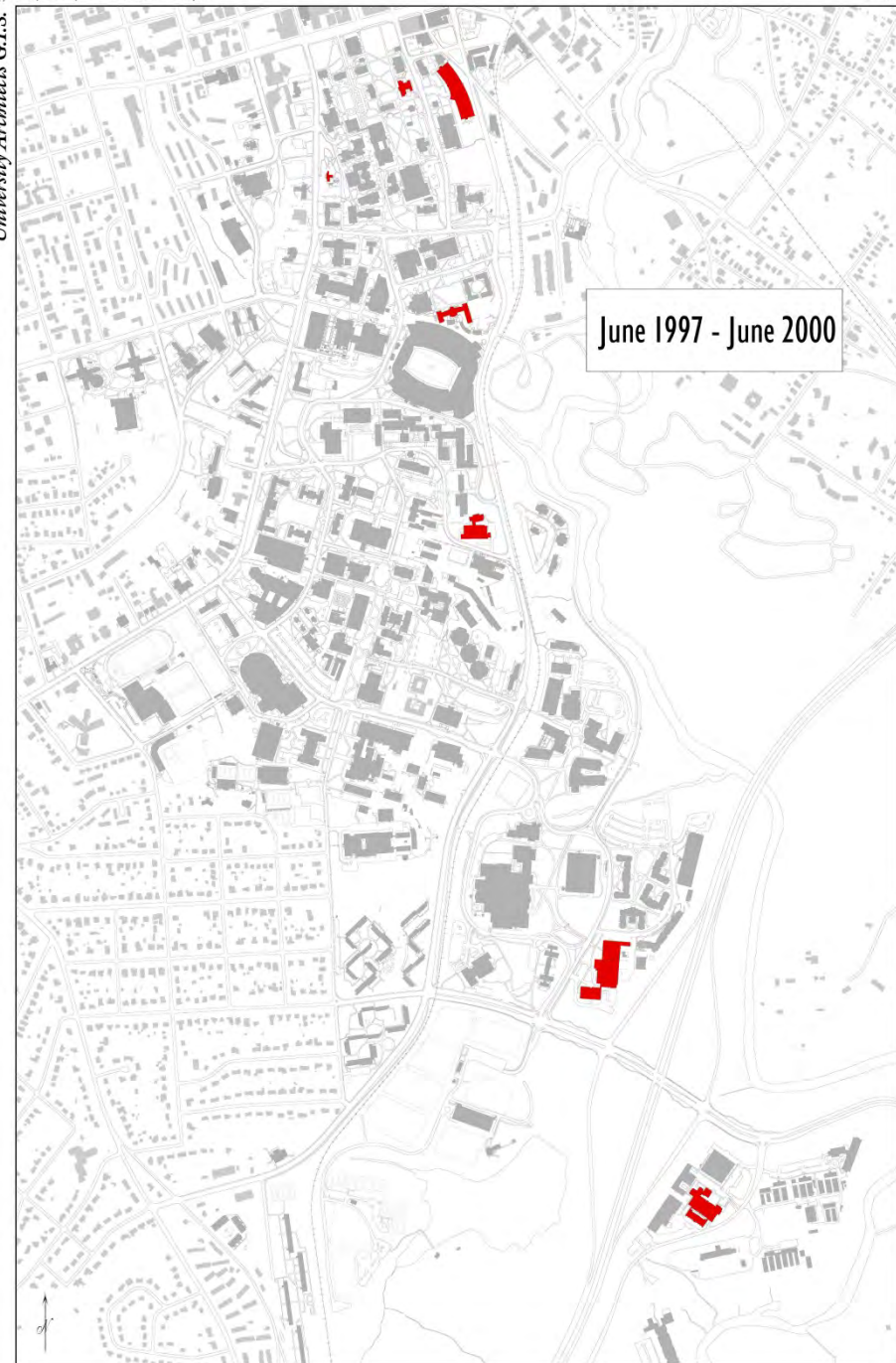
- New College Renovation
- Law School Renovation
- Medical Partnership Building
- Fine Arts & Journalism Renovations
- Georgia Quad & Reed Alley / Memorial Hall
- Tate II
- Greek Park
- Pharmacy
- Coliseum
- Butts-Mehre Expansion & Practice Fields
- Lamar Dodd School of Art and Landscape
- Ramsey Center Renovation
- New East Campus Residence Hall
- Health Center Expansion and Landscape
- Greenhouse Relocation
- Vet Med
- New Intramural Fields

1998 Proposed buildings (RED)

39.7% increase -- Over 6.2 Million sq ft in building capacity over last 10 years

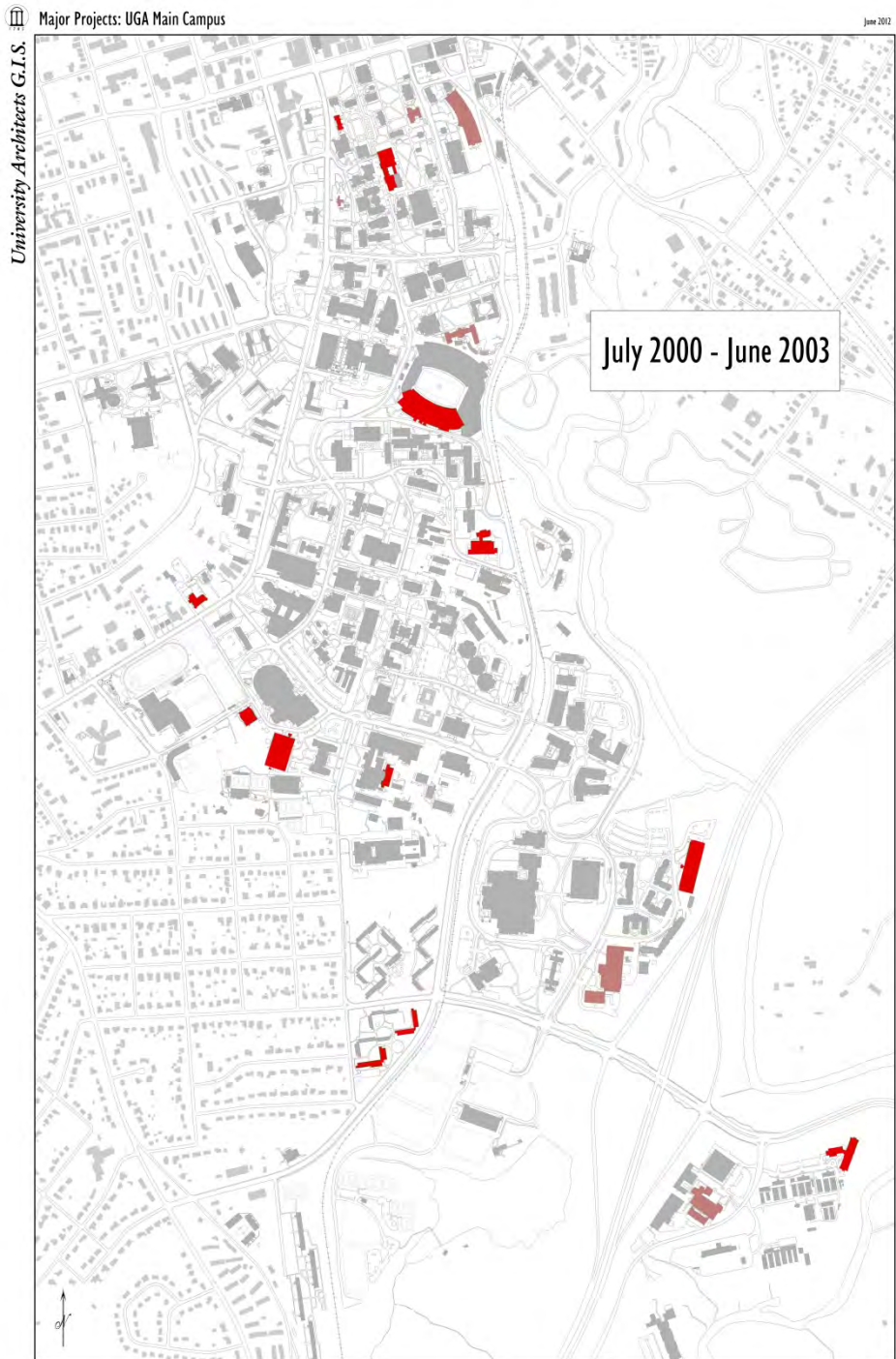
Achieving the Master Plan: 1997-2000

Highlights:
North Campus Parking Deck
Animal Science Center
Food Science
Reed Hall Renovation
Administration Building



Achieving the Master Plan: 2000-2003

Highlights:
East Campus Parking Deck
Candler Hall Renovation
Law School Renovation
Carlton St. Parking Deck



Achieving the Master Plan: 2003-2006

Highlights:
Hull St. Parking Deck
Stadium Renovation
Myers Hall Renovation
South Campus Parking Deck
East Campus Housing Community
Coverdell



Achieving the Master Plan: 2006-2009

Highlights:

Tate Expansion

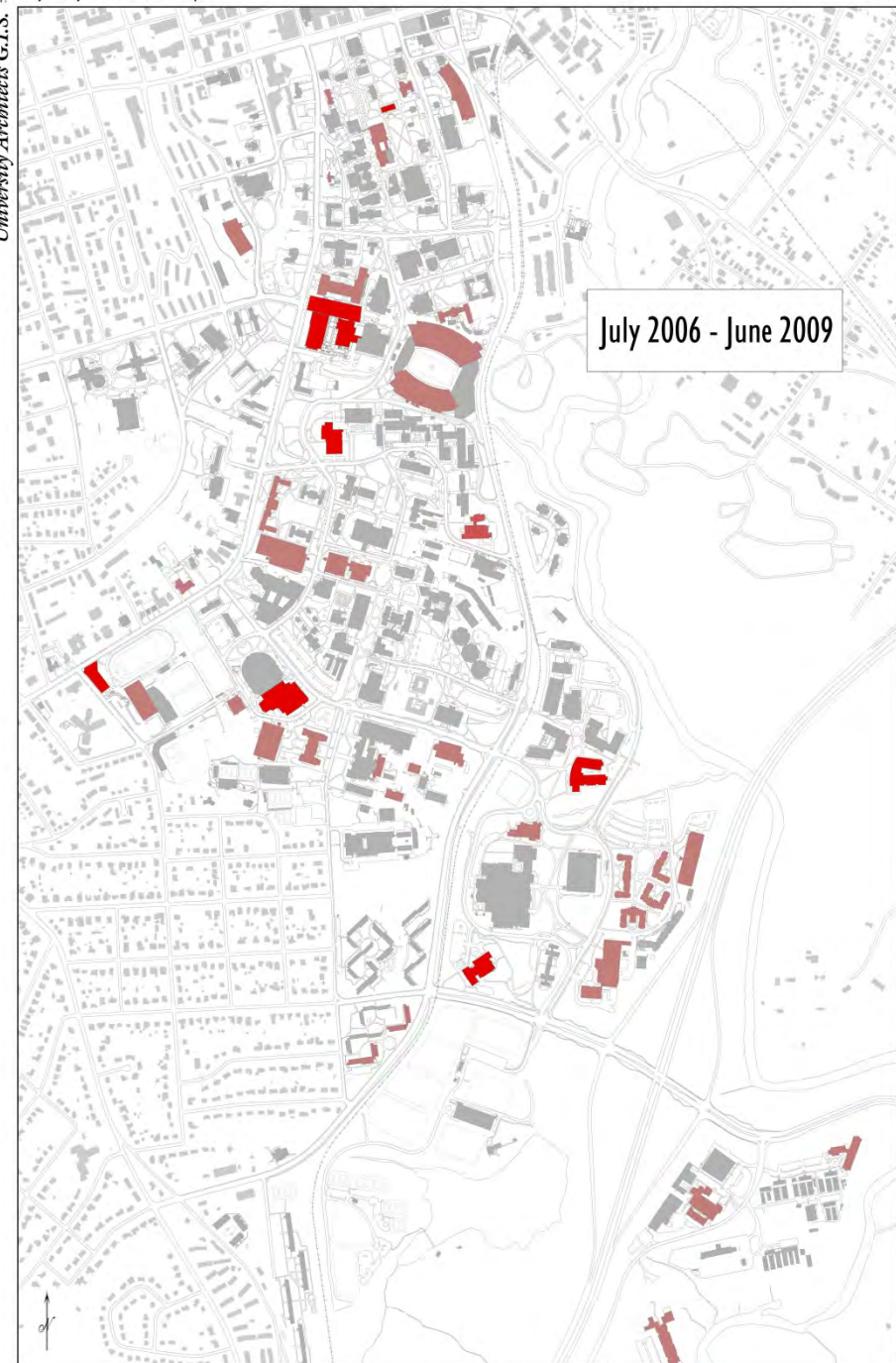
Coliseum Addition

Lamar Dodd School of Art

Health Center Expansion

Old College

Dooley Garden



Achieving the Master Plan: 2009-2012

Highlights:

Coliseum

Butts-Mehre

Special Collections Library

Law School Renovation

Ramsey Center Renovation

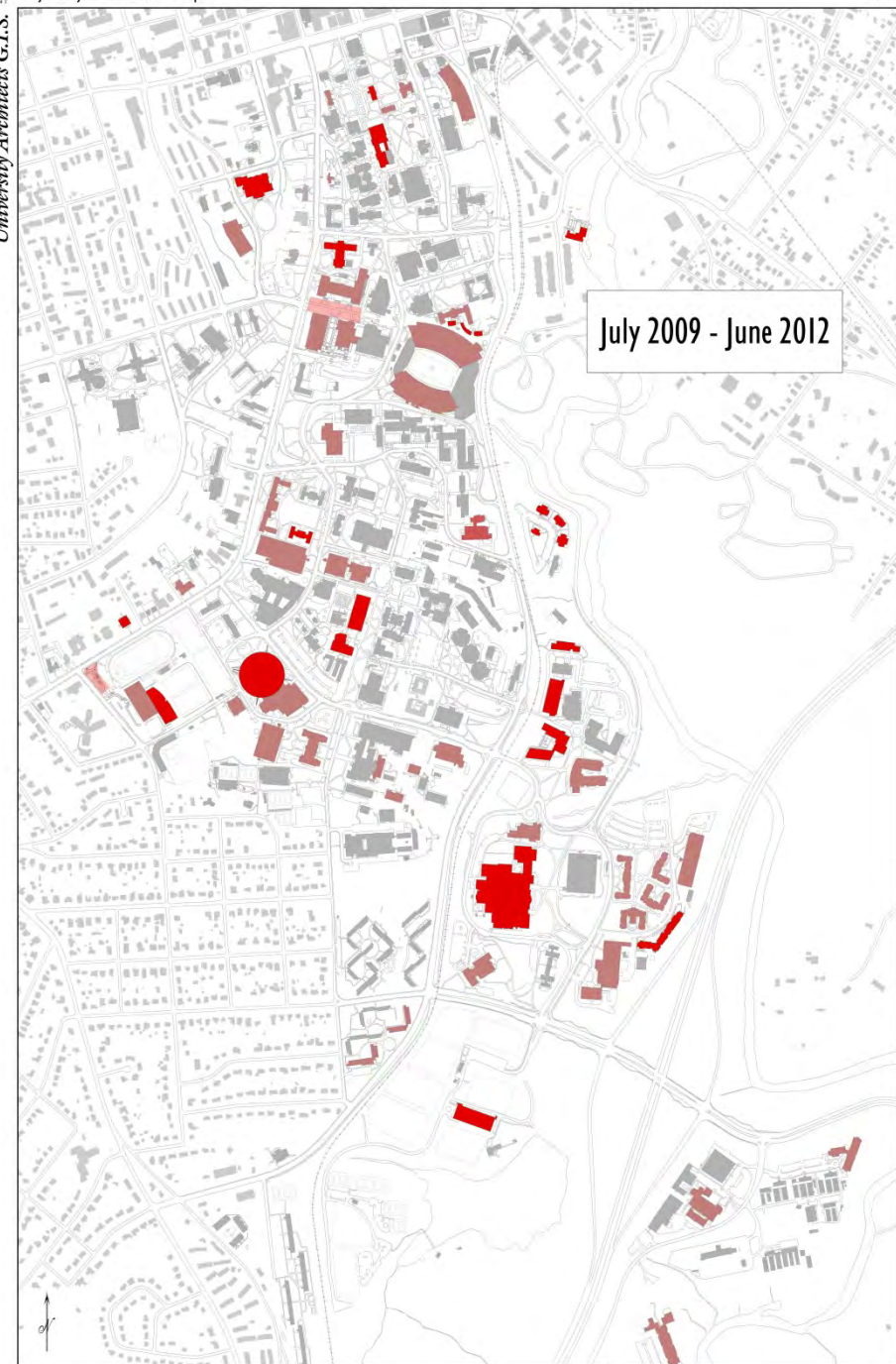
Reed Alley

GMOA

Building 1516

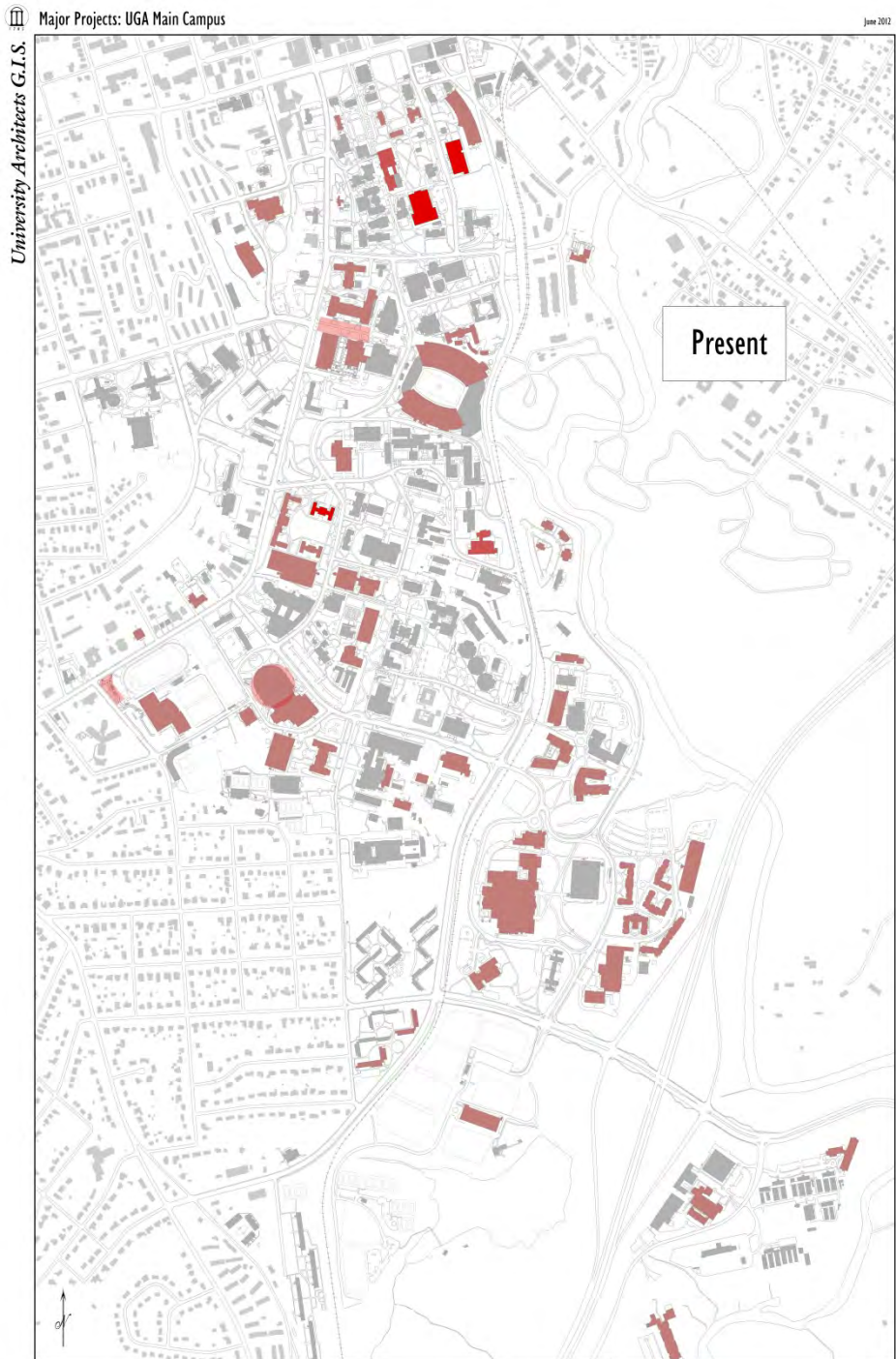
Interim Medical Partnership Bldg

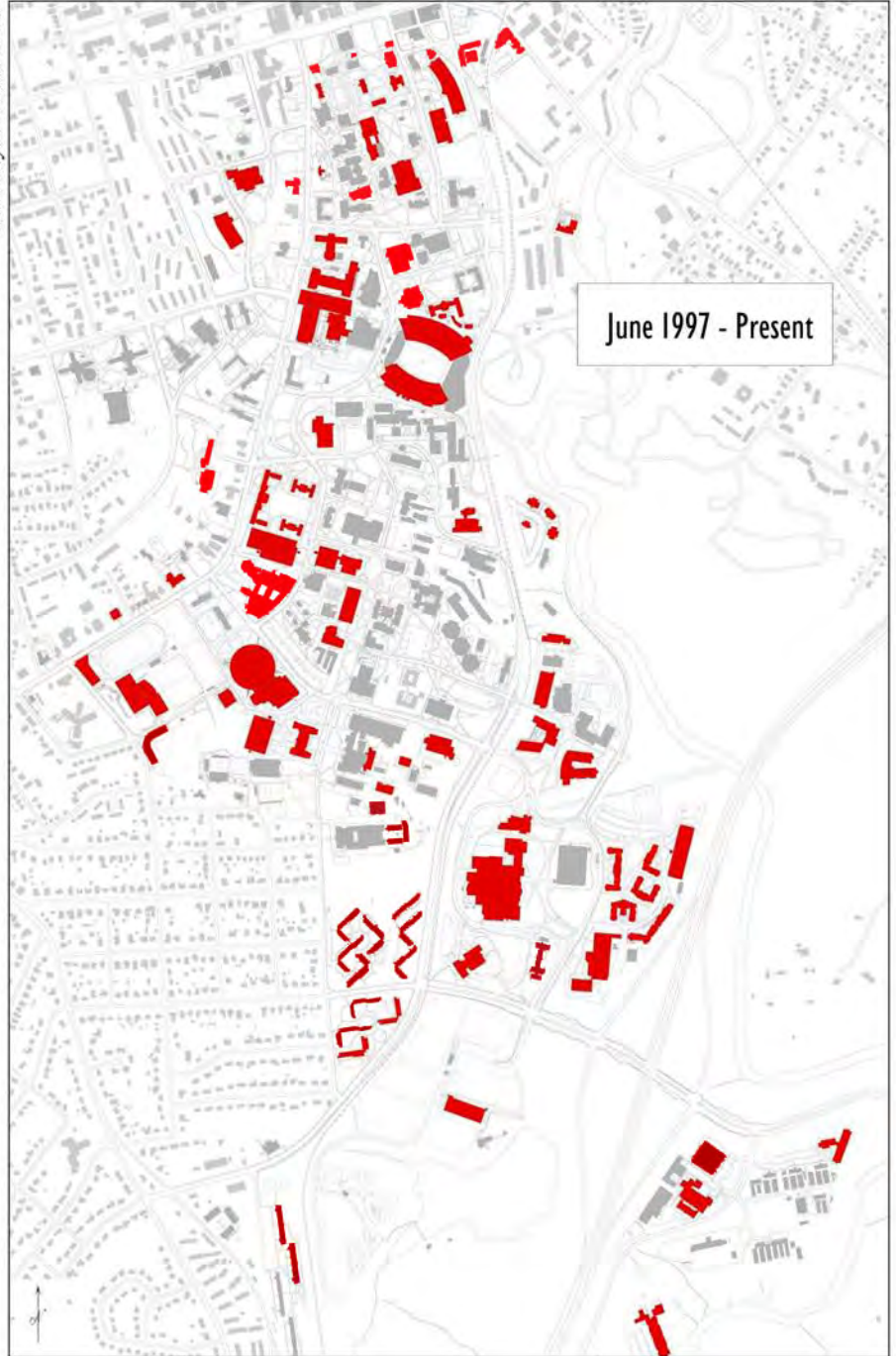
New College



Achieving the Master Plan: Current progress

Highlights:
Main Library Renovation
Visual Arts Building





EAST CAMPUS: 1998



BEFORE

EAST CAMPUS: 2010





Recent Projects



Northeast Precinct

Interim Medical Partnership Building

Originally constructed in 1857 as the Athens Cotton and Wool Factory.



Sustainable Features:

- Motion sensing lights
- Water saving plumbing fixtures
- Energy efficient windows
- Deck made of recycled and reclaimed materials



Renovation includes: small-group classrooms, lecture halls, a medical library, student lounge, gross anatomy lab and faculty office space.

Landscape includes: Terraced greenspace, deck overlooking Oconee River



North Campus

New College Renovation



Summer 2009

Law School Renovation



Northwest Precinct
Special Collections Library

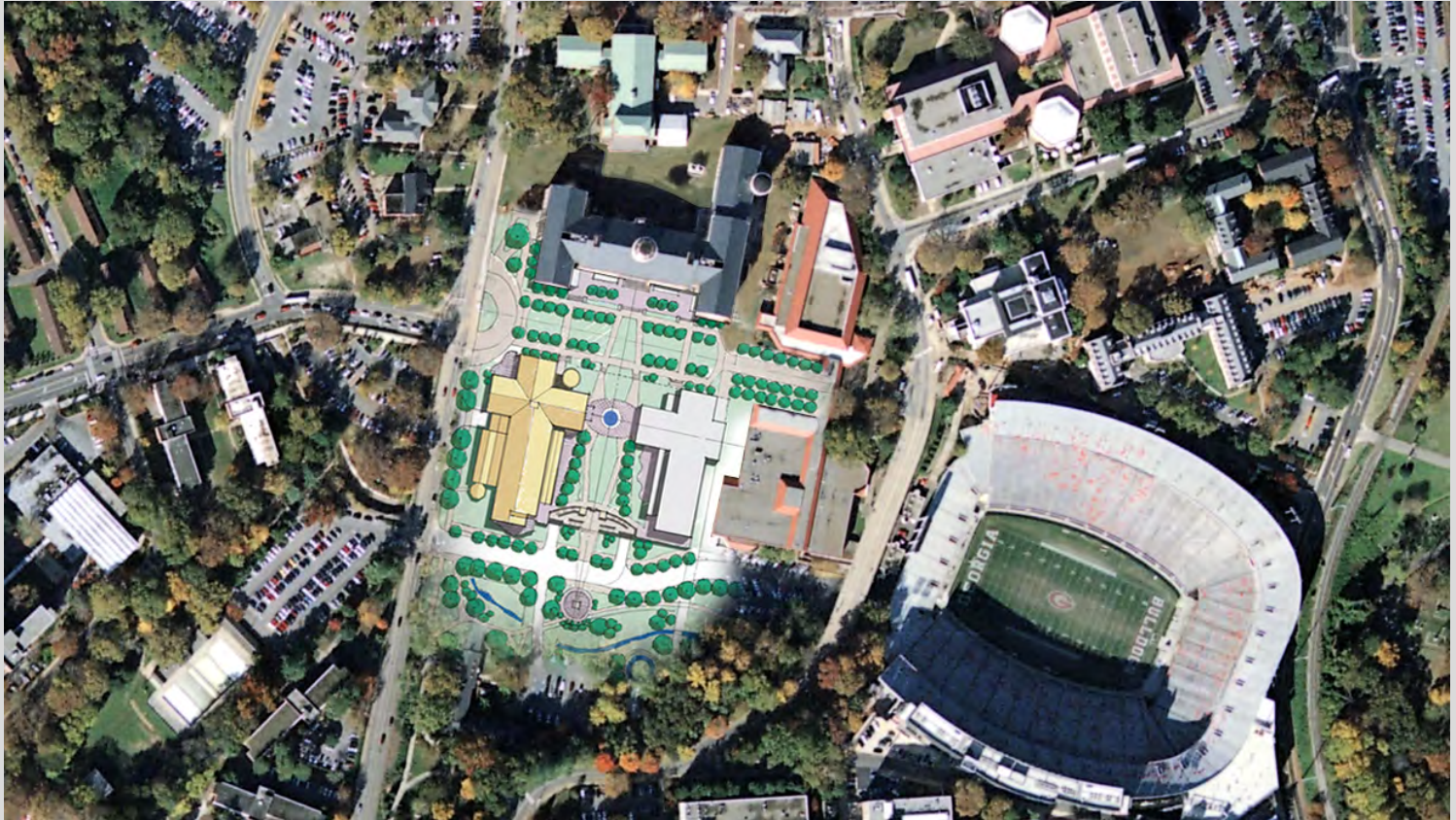


Central Village

. . . Fine Arts Renovation



The Central Village . . . TATE II



Tate Student Center Expansion Conceptual Plan



Central Precinct

The Georgia Quad



View from Pedestrian Bridge Joining the MLC to the Tate Expansion

South Campus

College of Pharmacy Addition



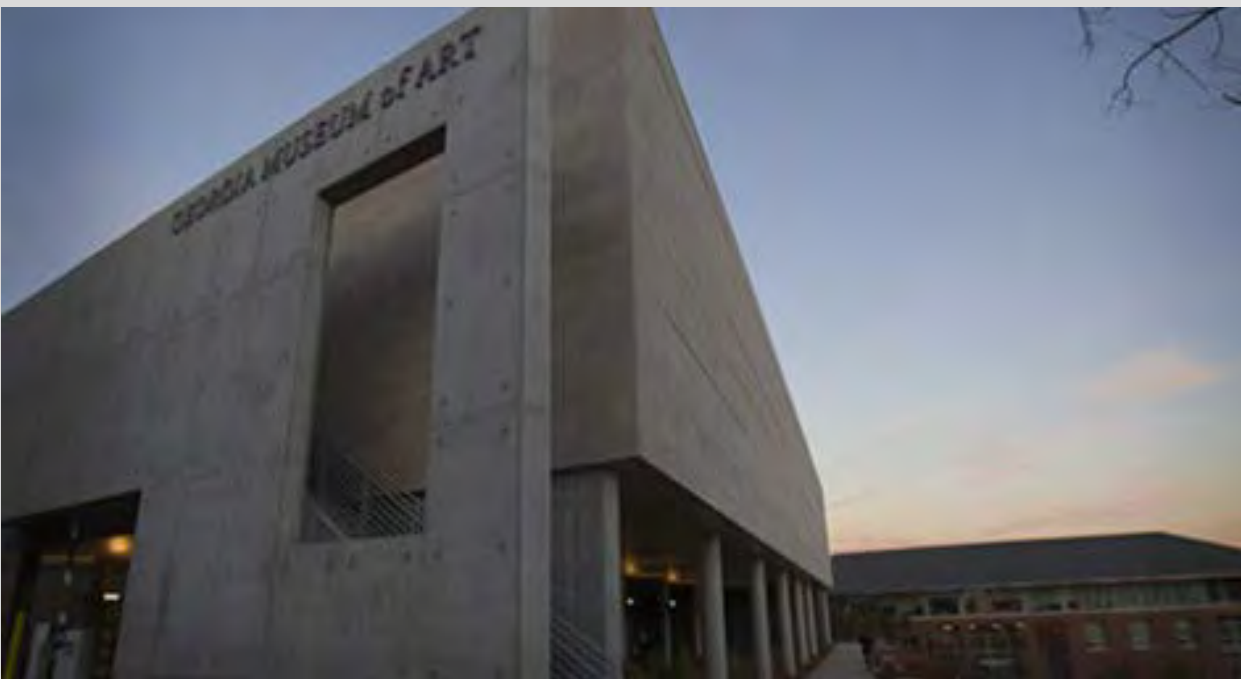
Building situated on former parking lot and greenhouse

South Campus

Stegeman Coliseum



Georgia Museum of Art Expansion & Renovation



East Campus



Lamar Dodd School of Art

UGA River Road Greek Park

Area Map



Views of the brand new houses opened in time for the Fall 2009 Semester



Greek Park Site Plan





Building 1516 Residential Hall

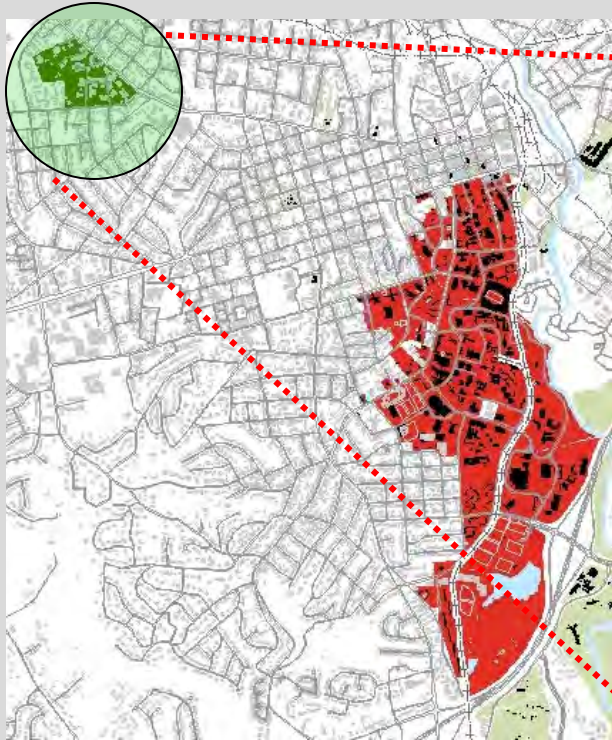
...Continuing the Master Plan

University Health Center Addition



Additional space for: Patient Registration,
Business Services, Health Promotion Department,
Vision Clinic, Counseling and Psychiatric Services,
and the Center for Alcohol Awareness Education

Navy School Acquisition



Navy School Aerial Photo. Property boundary shown in red.



...Continuing the Master Plan

Renovation of Miller Hall



- Historic dormitory
- Used as office building by Navy Supply Corp
- 24,000 sf Renovation (major mechanical upgrades)
- Current Home to Departments of Epidemiology and Biostatistics

Winnie Davis Hall



UGA Child Care Center

- Open January 2012
- Total Capacity = 146 children
- 12,000 sf facility
- 15,000 sf outdoor play area



Health Sciences Occupancy, Fall 2012



University of Georgia Health Sciences Campus

Office of University Architects

Facilities In Use by Fall 2012

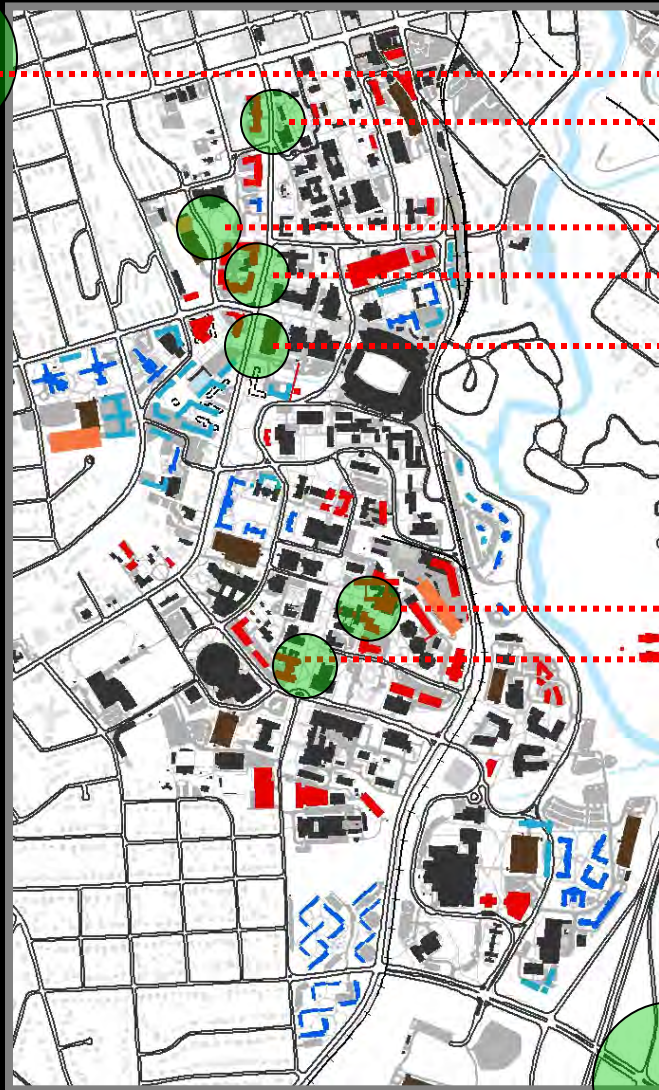


MAP KEY

- **Housing**
 - 0 - Housing office
 - 1 - Kenny Road townhomes
 - 2 - Gilmore Circle homes
 - 3 - McGowan Drive townhomes
- **Academic**
 - 1 - Miller Hall
 - 2 - Russell Hall
 - 3 - Winnie Davis Hall
 - 4 - George Hall
 - 5 - Wright Hall
- **Campus Life**
 - 1 - University Childcare Center
 - 2 - Wheeler Gym
 - 3 - Pound Hall
- **Facility Support**
 - 1 - Public Works & Boiler Plant
 - 2 - Storage warehouse
 - 3 - former gas station



Current Projects



Navy School
Family and Consumer Sciences

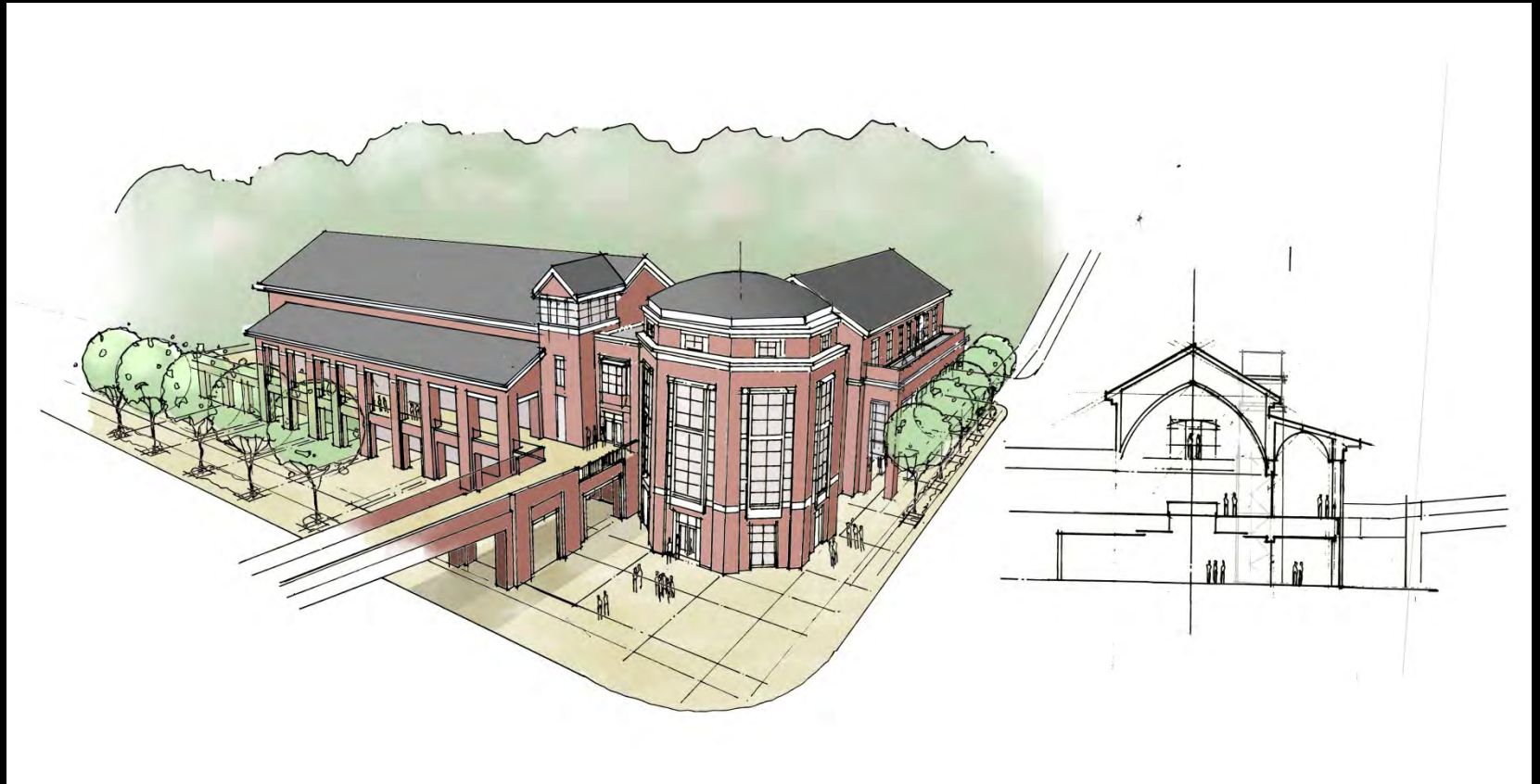
Future Business School
Hull Street Realignment

Future Bldg at Georgia Quad

Ecology
Science Learning Center

Vet Med Teaching Hospital

Bolton Dining Commons



...Continuing the Master Plan



MASTER PLAN

Veterinary Medicine Learning Center
05.18.2012

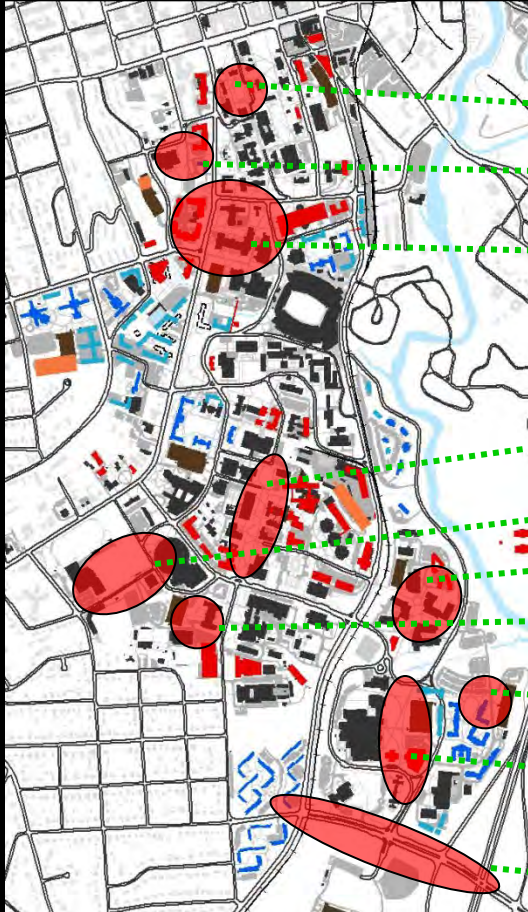


...Continuing the Master Plan



...Continuing the Master Plan

Greenspace Projects



Herty Field

Special Collections

Memorial Garden, Ga Quad, Reed Alley

D. W. Brooks Mall

Rutherford St. Landscape

PVAC and Lamar Dodd

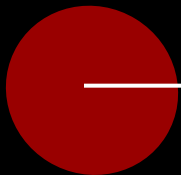
Paul D. Coverdell Memorial Garden

East Campus Village Quad

Ramsey Center Quad

College Station Streetscape

2034 Proposed Implementation Plan



Already completed

The Georgia Quad



Tate II Sustainability Design Features



Innovative Tree Saving Technology



Design Features:

- 1.5 stories of student services
 - offices
- Lounge area
- Retail and food services
- 500 parking spaces in deck



Sustainable Design Features:

- Building on a site previously occupied = no loss of green space
- Utilizing Daylighting Techniques
- Using Heat Recovery Wheels
- Using recycled materials, carpet low voc materials
- Reducing the Heat Island Effect by a partial green roof over the parking deck
 - Construction Recycling - Extensive Job Site Waste Management Plan
- Capturing ground water from the steam pit and using it for construction
 - Excess water given to the Grounds Department for Campus Tree Irrigation
- Gray water use for flushing and irrigation with 55,000 gallon tank collecting precinct runoff
 - LEED Registered, tracking LEED Silver certification



Largest Cistern on Campus

Sustainability Design Features

Largest Green Roof on Campus



**View of MLC from the Tate Center Expansion's new
Green Roof**

Central Precinct

East West Connections



To Student populations on Baxter and Milledge

To ACC Greenway



Reed Alley





Herty Field



D.W. Brooks Pedestrian Mall

Current Projects

Hull Street Realignment

- Improve Pedestrian Safety/Connections from NW Precinct to Main Campus
- Maintain access to Baptist Student Union



Sustainability Design Features



Sustainable Design Features:

- 100-year building construction on previous parking lot
- Condensate water harvesting and reuse for toilet flushing and cooling tower
- Indigenous and recycled building materials
- Interior daylighting and lighting sensors
- Individual thermal comfort controls
- Low-emitting finishes and materials
- LEED Registered, tracking LEED Silver certification

College of Pharmacy Addition



Lamar Dodd School of Art

University Health Center Addition



March 2008



April 2009

Sustainability Design Features

Water Efficient Native Landscape restoration
and bio-retention

University Health Center Addition

Opened March 30, 2009
Completed ahead of schedule



The landscape for the Health Center Addition is a low maintenance, drought-resistant piedmont forest restoration.

New Intramural Fields



- Solar-powered site lighting
- Pervious Pavement



Sustainable Design Features:

- Solar-powered site lighting
- Composting toilets
- Pervious pavement
- Extensive bio-retention
- NO TREES LOST for construction of this project



- Composting Toilets

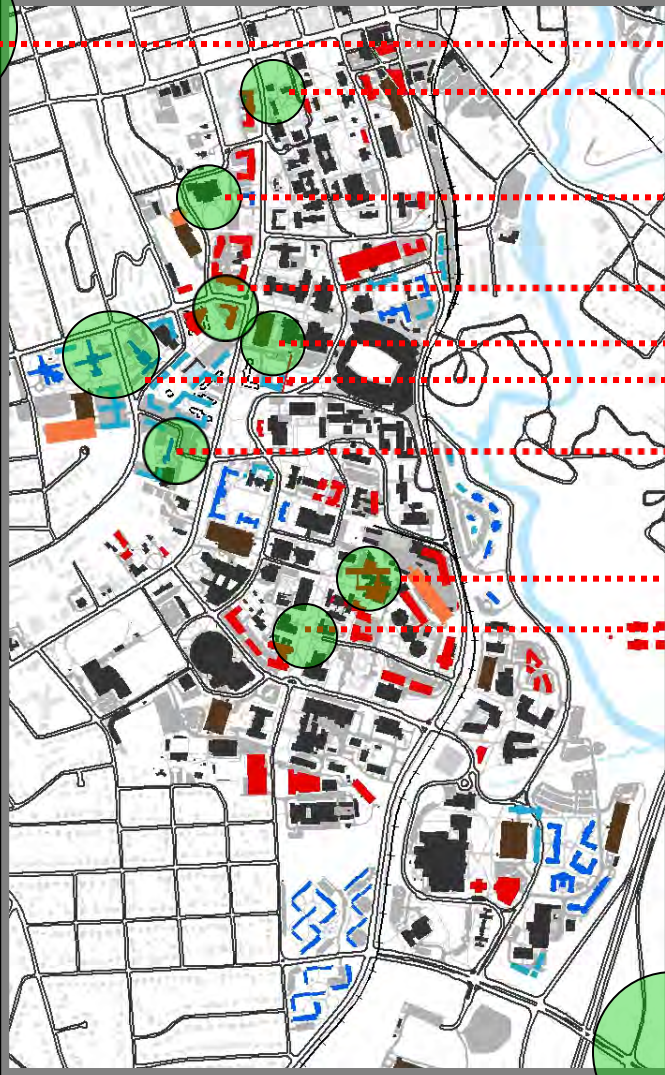


Future Projects at UGA



...Continuing the Master Plan

Up-and-Coming Projects



Navy School

Family and Consumer Sciences

Future Business School

Bolton Dining

Future Bldg at Georgia Quad

High-rise Master Plan (Brumby, Russell, Creswell)

Oglethorpe House

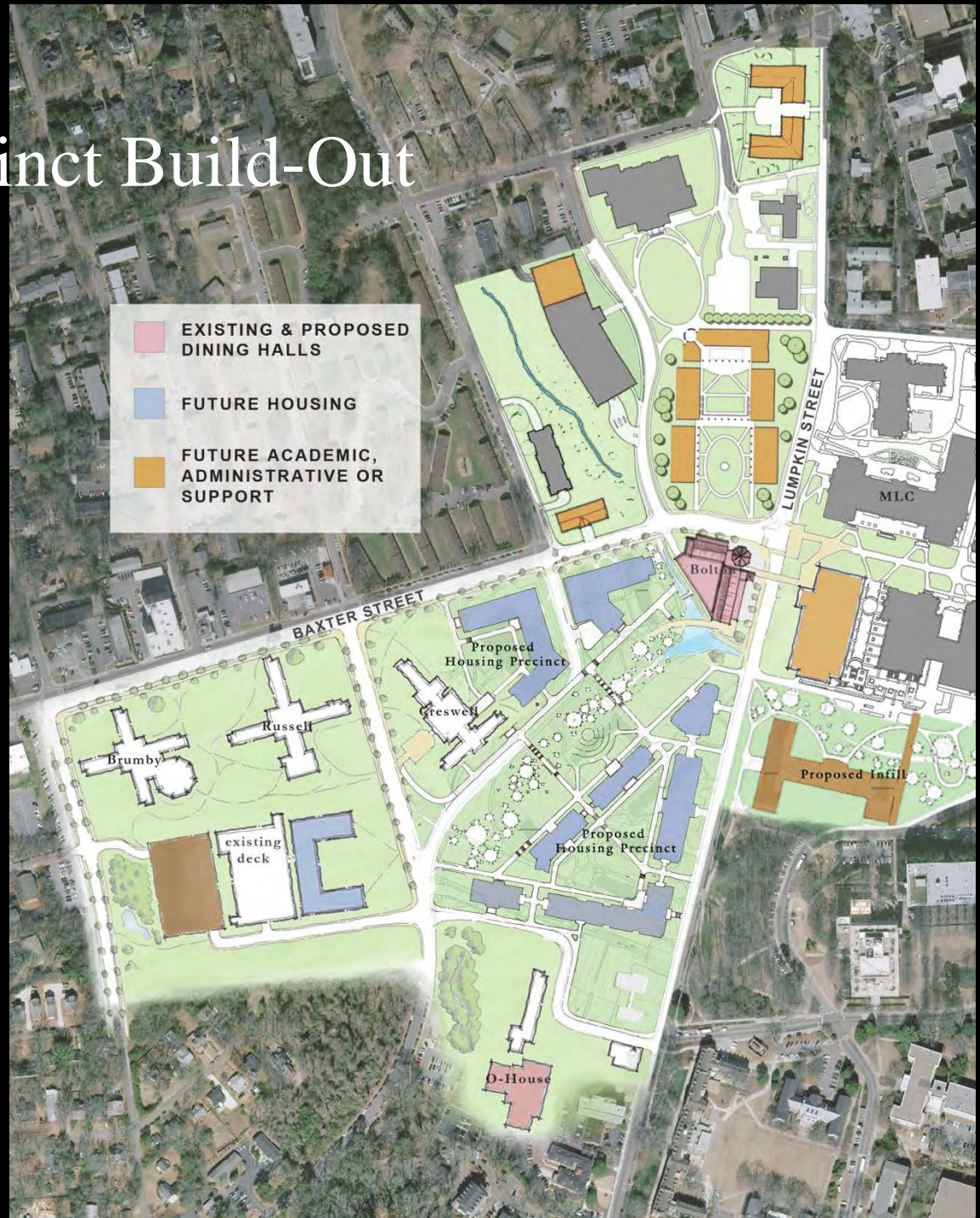
Ecology

Science Learning Center

Vet Med Teaching Hospital

NW Precinct Build-Out

- EXISTING & PROPOSED DINING HALLS
- FUTURE HOUSING
- FUTURE ACADEMIC, ADMINISTRATIVE OR SUPPORT



Northwest Precinct – Terry College of Business



Northwest Precinct Conceptual Masterplan

...Continuing the Master Plan

Central Precinct

Final Build-Out of Georgia Quad



Bird's Eye View Looking from northwest

...Continuing the Master Plan



Campus high-rise Master Plan



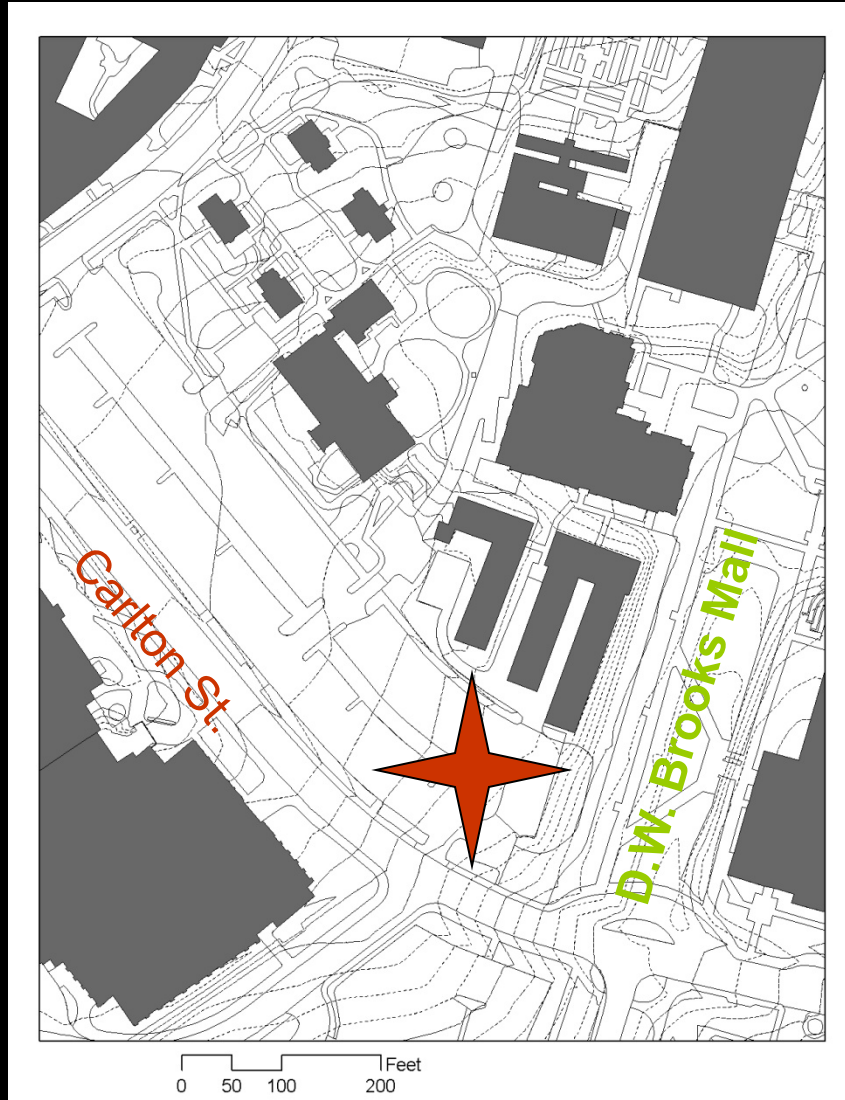
University of Georgia

Science Learning Center

- 7 Departments:
(Chemistry, Biological Sciences,
Physics & Astronomy, Plant
Biology, Genetics &
Biochemistry, Cellular Biology,
Microbiology)
- Laboratory Space
- Preparatory, Storage & Office
Space
- Communal Space for
gathering



...Continuing the Master Plan



Possible Locations for Science Learning Center

...Continuing the Master Plan

Conceptual Master Plans for the Navy School Acquisition



Phase II (2017-2030)

New signal at Pound allows transit to enter from Prince and follow parallel drive for efficient service at periphery

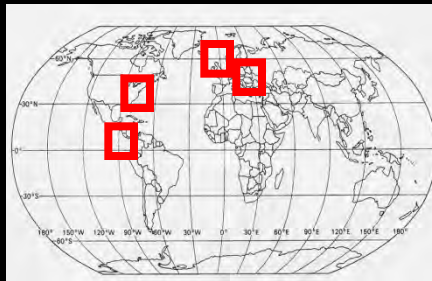
Primary access to new deck from Prince, diverting potential additional traffic from Ogleshorpe

Historic campus core established as pedestrian-green zone

future phase



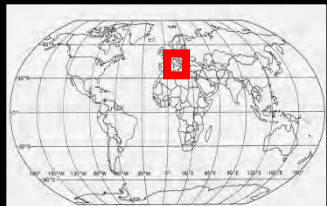
Outside of Athens

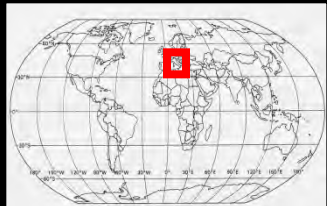


... working well beyond Main Campus

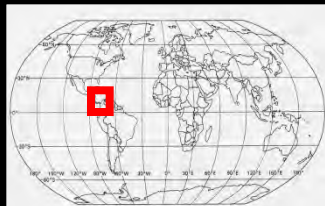


John D. Kehoe Center, roof replacement





John D. Kehoe Center dedication, Summer 2006

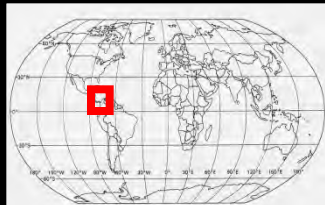




Dining Hall



Student Union



Outside Athens

Costa Rica



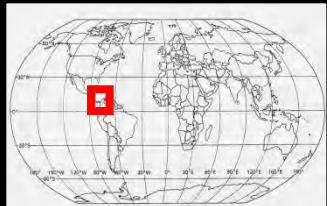
Exterior



Interior



Director's House

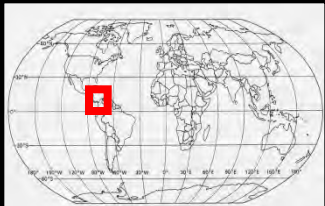




Dining Hall



Outdoor Classroom



Outside Athens

Costa Rica



Outdoor Classroom



Bungalow D



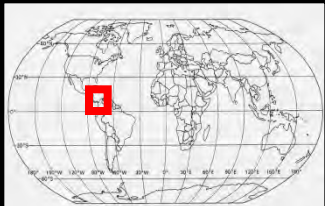
Student Activity Center



Laboratory



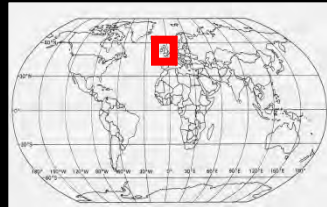
Bungalows



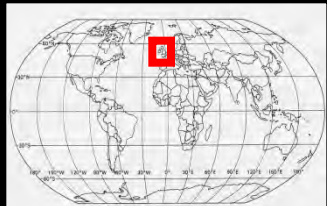


106 Banbury Road

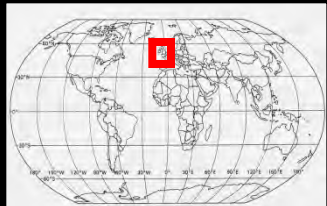
404 Banbury Road



Banbury Road Photograph



104 Banbury Road



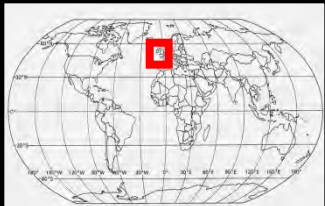
Interior renovation



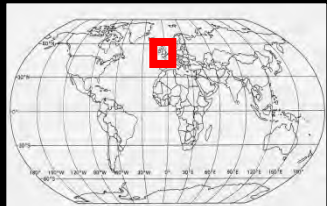
106 Banbury Road



104 Banbury Road

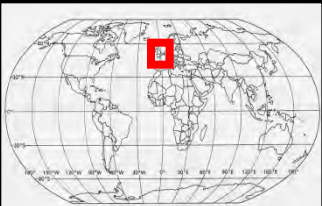






Outside Athens

Oxford



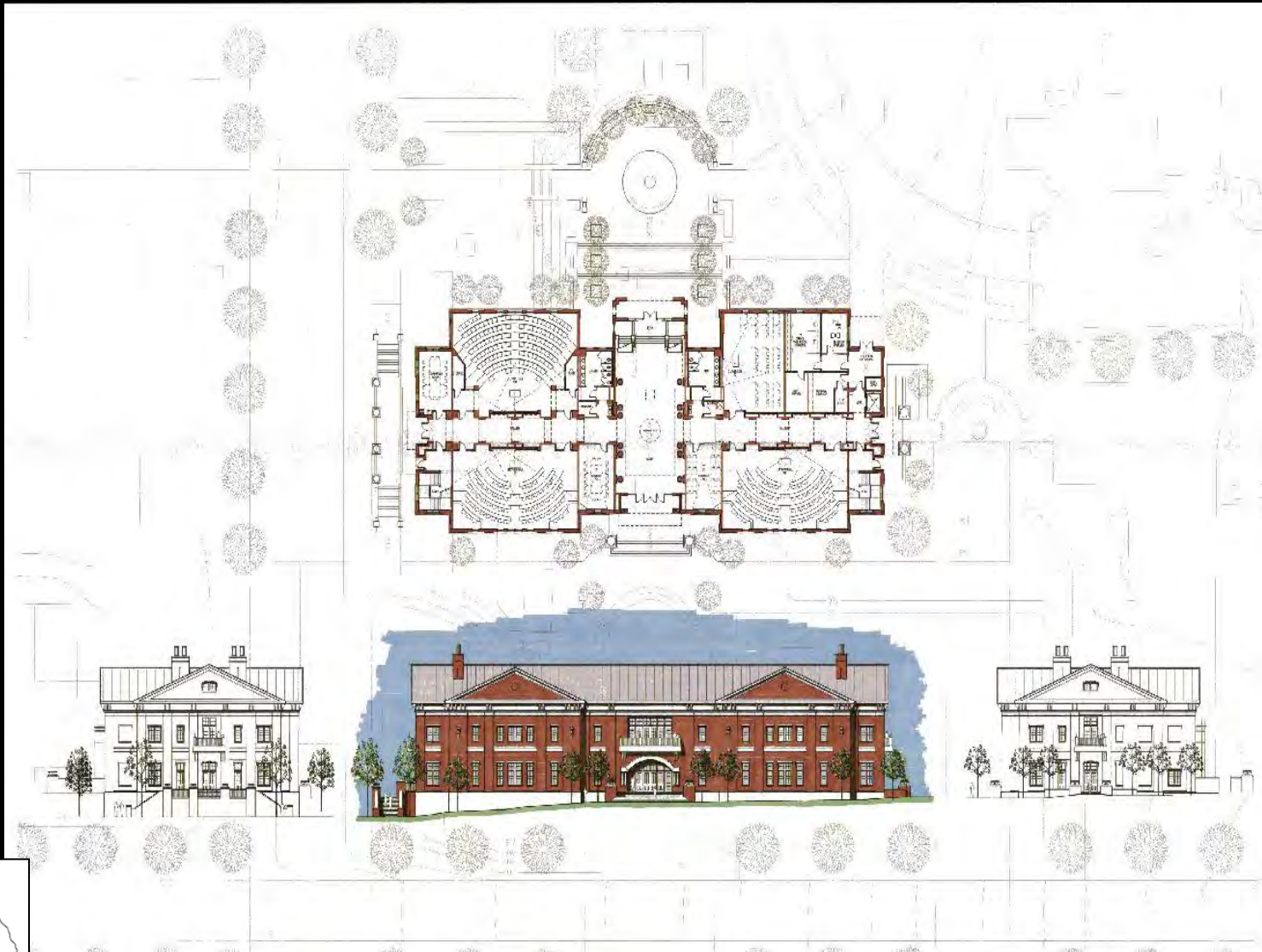
104 Banbury Road

Griffin Campus



Campus Masterplan

Griffin Campus



Student Learning Center

Outside Athens

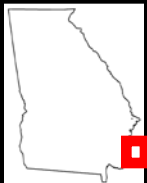
Gwinnett



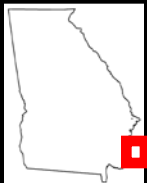
Intellicenter

Outside Athens

University of Georgia Marine Institute at Sapelo Island



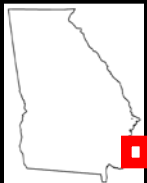
University of Georgia Marine Institute at Sapelo Island



BIRL Center Dormitory Elevations

Outside Athens

University of Georgia Marine Institute at Sapelo Island



BIRL Center Dormitory

Creating landscapes that work

Strategies for a Sustainable Campus through Restorative Landscapes



Conservation, Reuse, and Sustainable Practices

The Dollars and Sense of it All

Energy Consumption


- Newly constructed facilities consume an average of 1.67 watts/sf as compared to 6.8 watts/sf consumption seen in existing facilities.
- From 2007 to present, a 7.5% reduction in energy use has been realized. UGA has targeted a 20% reduction to be obtained by 2020.

Recycling and Reuse

- In 2011, 4.7 tons of materials were recycled and near 46% of garbage diverted from landfills. This yields a \$556,000 savings annually.

Water Conservation

- Over 60 rain gardens, bio-swells, and bio-retention ponds have been installed throughout the University.
- 21 cisterns are now installed and in use, providing 550,000 gallons of storage and 28 million gallons of water used for second pass.
- Since 2007, over 9 million gallons of water have been saved, and we now realize a 20-30% reduction in use from that baseline.



Strategies for mitigating Stormwater:

**INCREASE GREEN SPACE
(decrease impervious surfaces)**

CANOPY

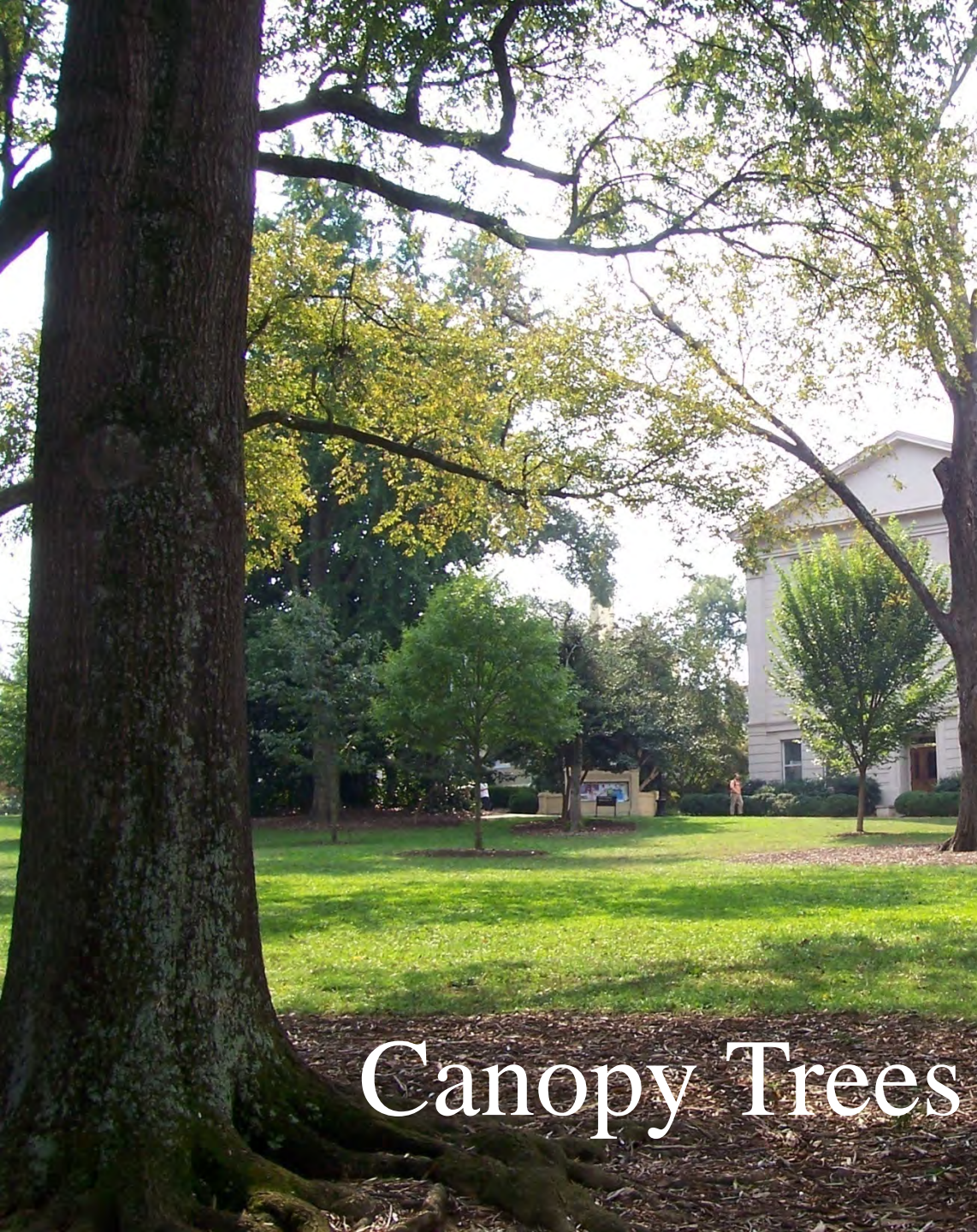
RAINGARDENS

RAIN WATER HARVESTING



Elimination of Impervious Surfaces

More than 1.5 million square feet of asphalt removed



Canopy Trees

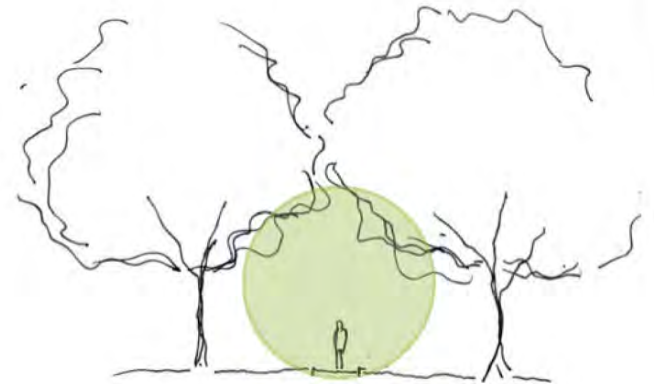
First Line of Defense:

Reduce up to 30% of first flush

Gradual Release of Stormwater

Uptake & Soil Stabilization

Beauty, Comfort, & Sense of Place



Select Trees



Street Trees



Improving Canopy at UGA



Porous Pavers



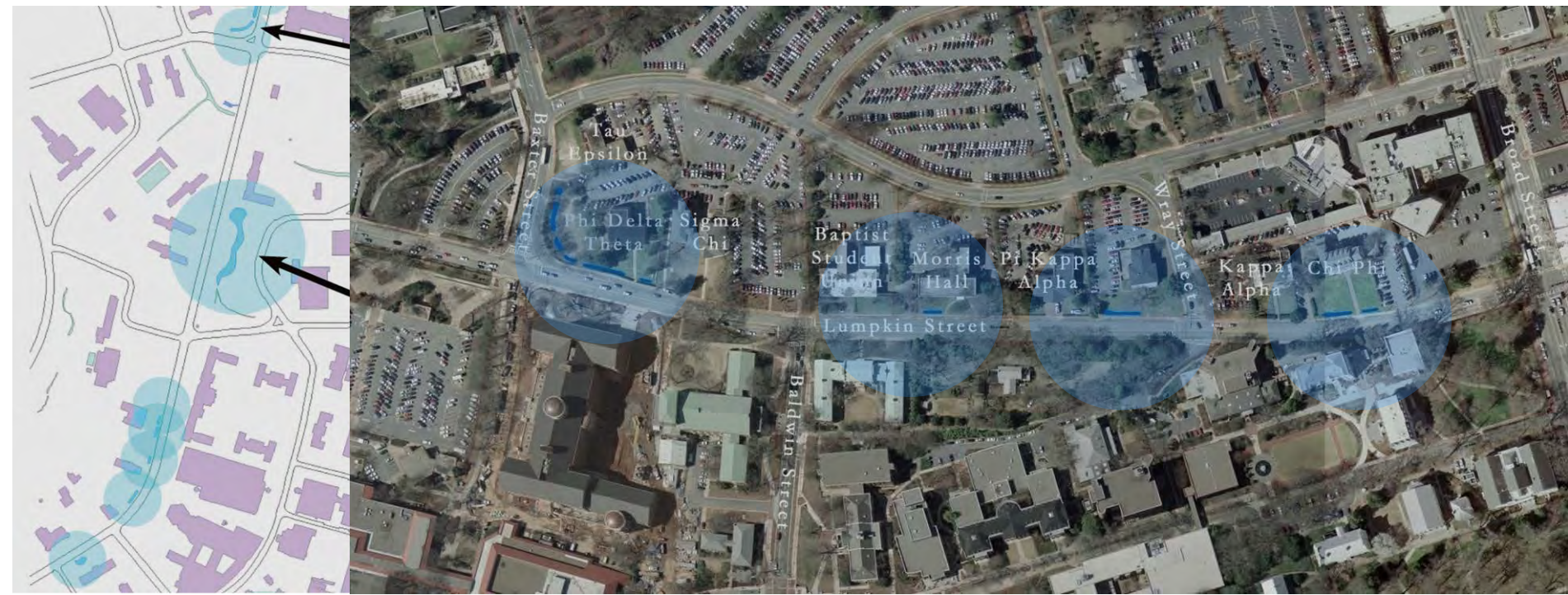
Porous Pavement: Reed Alley

Raingardens

Alternative ways to deal with Stormwater



Lumpkin Street Drainage Improvements



Phase 1 (South)

Phase 2 (North)

1.2 mile urban corridor
15 rain gardens
over 80% of pavement surfaces treated







WATER HARVESTING

Current UGA Initiatives



- 14 cisterns on campus totaling 530,000 storage capacity
- All cisterns harvest rainwater, most harvest condensate for reuse
- Cistern water used for irrigation and campus fountains, HVAC cooling tower make-up, and interior toilet flushing
- 1 cistern collects gray water from residence hall showers and sinks to flush toilets

WATER HARVESTING

Current UGA Initiatives

Lamar Dodd School of Art

Double Bridges Farm

Memorial Garden

Coverdell Center for Biomedical Research

Tate Center

Founders Memorial Garden Model: BSLT 620 Slimline Tank Series



Additional topics...

- **NATIVE plants**
- **Targeted GRAZING**
- **Edible landscapes**





Native Plants at UGA

Discussion

