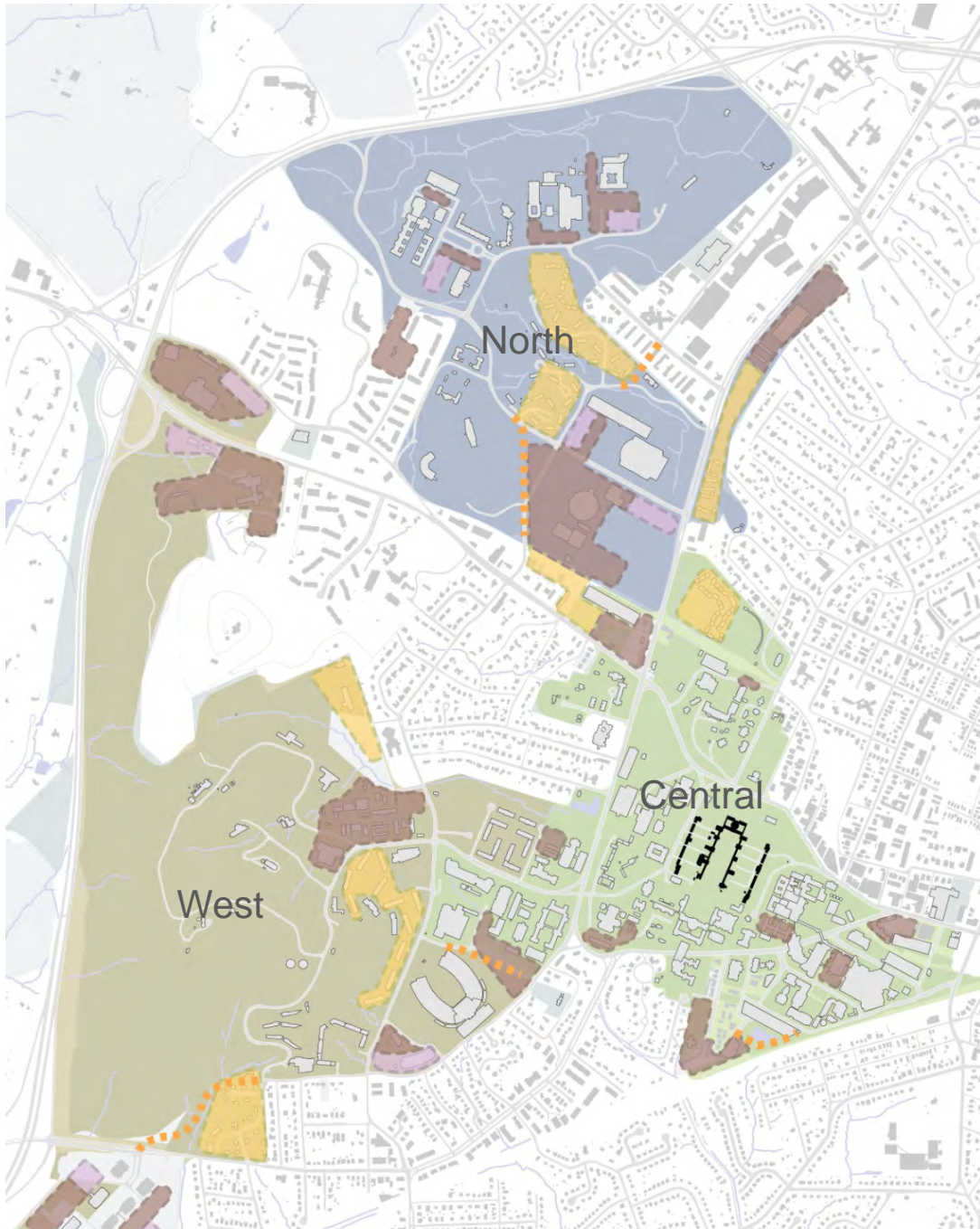


The background image shows a large, modern brick building with a prominent white balcony and a glass-enclosed upper level. The building is identified as the Emily Couric Clinical Cancer Center. In the foreground, there is a street with traffic lights and a sign for 'West 30'. The text is overlaid on a semi-transparent grey banner.

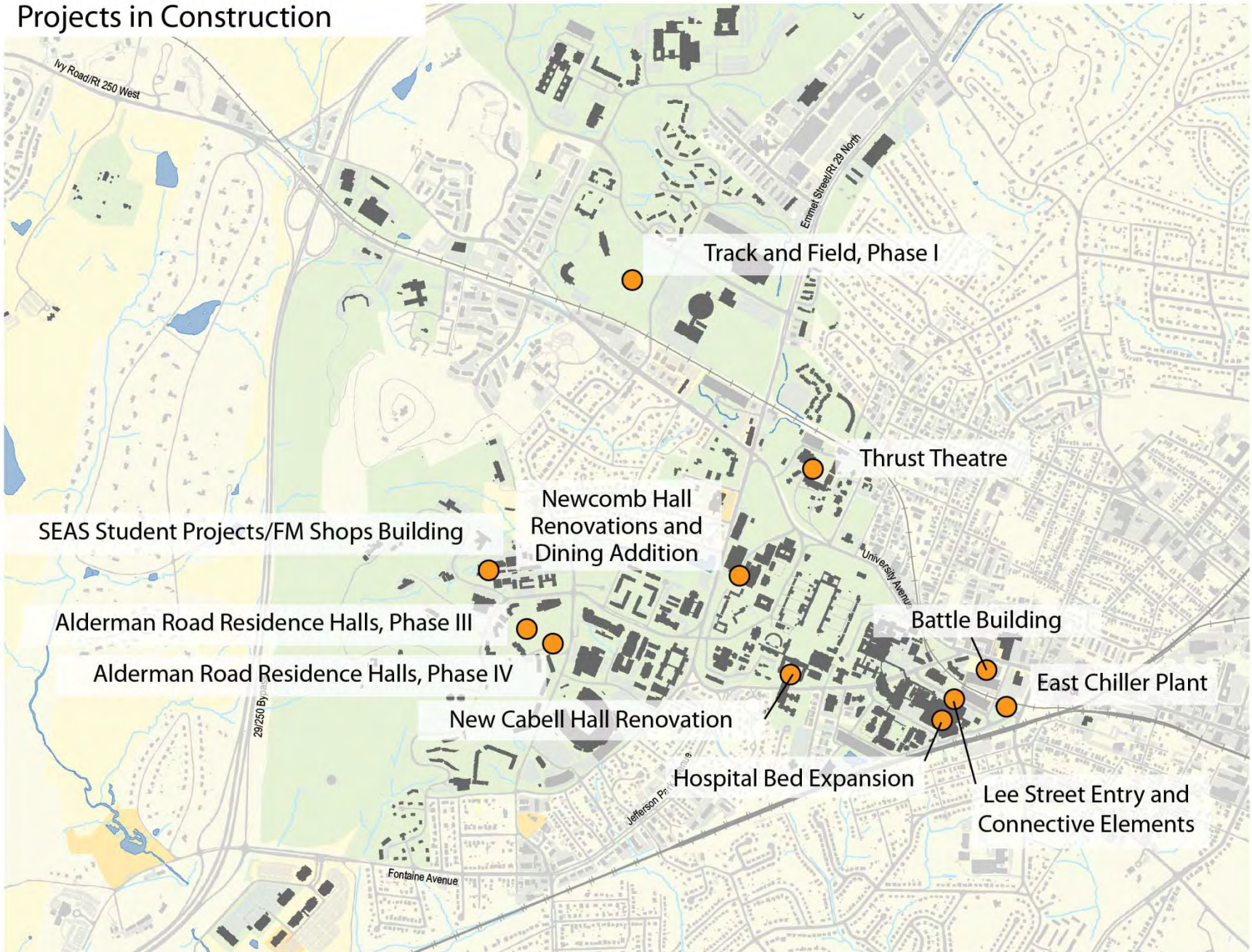
**Current Projects around Grounds and
The 2012-2018 Six-Year Capital Plan
Office of the Architect for the University
October 12, 2011
Tom Leback, Senior Program Manager**



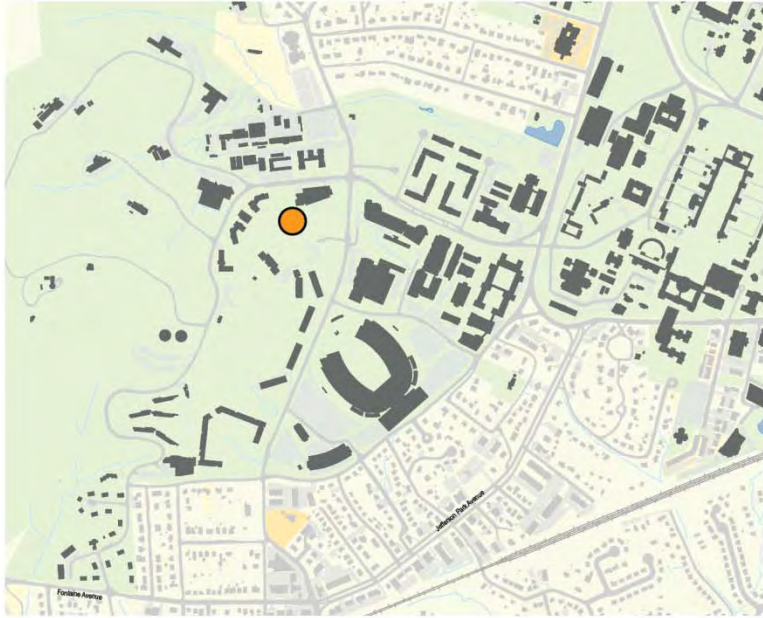
Central Grounds
West Grounds
North Grounds

The Grounds Precincts with Redevelopment Zones

Projects in Construction



Current Projects around Grounds



Alderman Road Residence Halls, Phase III Buildings 3&4

- Project Cost: \$40.8 m
- Architect: Ayers Saint Gross
- Contractor Design/Build: W.M. Jordan/Clarke Nexsen
- Construction Start: May 2011, Finish: August 2013
- LEED Status: Not Registered; LEED Target: Silver





Alderman Road Residence Halls, Phase IV Building 5

- Project Cost: \$29.0 m
- Architect: Ayers Saint Gross
- Contractor Design/Build: W.M. Jordan/Clarke Nexsen
- Construction Start: May 2011, Finish: August 2013
- LEED Status: Not Registered; LEED Target: Silver





Battle Building at the UVA Childrens Center

- Project Cost: \$141.6 m
- Architect: Odell & Associates/Stanley Beaman Sears
- Contractor: Kjellstrom & Lee
- Construction Start 2011, Finish: 2014
- LEED Status: Design Application; LEED Target: Silver





East Chiller Plant

- Project Cost: \$36.5 m
- Engineers: AEI w/ HOK Architects
- Contractor: Gilbane
- Construction Start: September 2011 Finish: May 2013
- LEED Status: Not Registered; LEED Target: Certified





Hospital Bed Expansion and Infrastructure

- Project Cost: \$80.2 m
- Architect: SmithGroup
- Contractor: Gilbane with H.J. Russell
- Construction Start: January 2009, Finish: December 2011
- LEED Status: Design Application; LEED Target: Silver





Lee Street Entry and Connective Elements

- Project Cost: \$29.2 m
- Architect: Zimmer-Gunsul-Frasca Partnership
- Contractor: Gilbane with H.J. Russell
- Construction: Start: June 2010, Finish: May 2012
- LEED Status: N/A





New Cabell Hall Renovation

- Project Cost: \$64.5 m
- Architect: Goody Clancy
- Contractor: Barton Malow
- Construction Start: September 2011*, Finish: Summer 2014
- LEED Status: Not Registered; LEED Target: Gold

(*) Connection to South Lawn Terrace and new entry is Complete.





Newcomb Hall Renovations and Dining Addition

- Project Cost: \$33.2 m
- Architect: Cole & Denny Incorporated
- Contractor: R.E. Lee & Sons, Inc.
- Construction Start: May 2010, Finish: November 2012
- LEED Status: Design Application;
LEED Target: Certified





SEAS Student Projects/FM Shops Building

- Project Cost: \$4.2 m
- Architect: SHW Group Architects
- Contractor: Barton Malow
- Construction Start: July 2011, Finish: June 2012
- LEED Status: Not Registered; LEED Target: Certified





Thrust Theatre

- Project Cost: \$13.5 m
- Architect: William Rawn Associates
- Contractor: Nielson
- Construction Start: February 2011, Finish: December 2012
- LEED Status: Not Registered; LEED Target: Silver



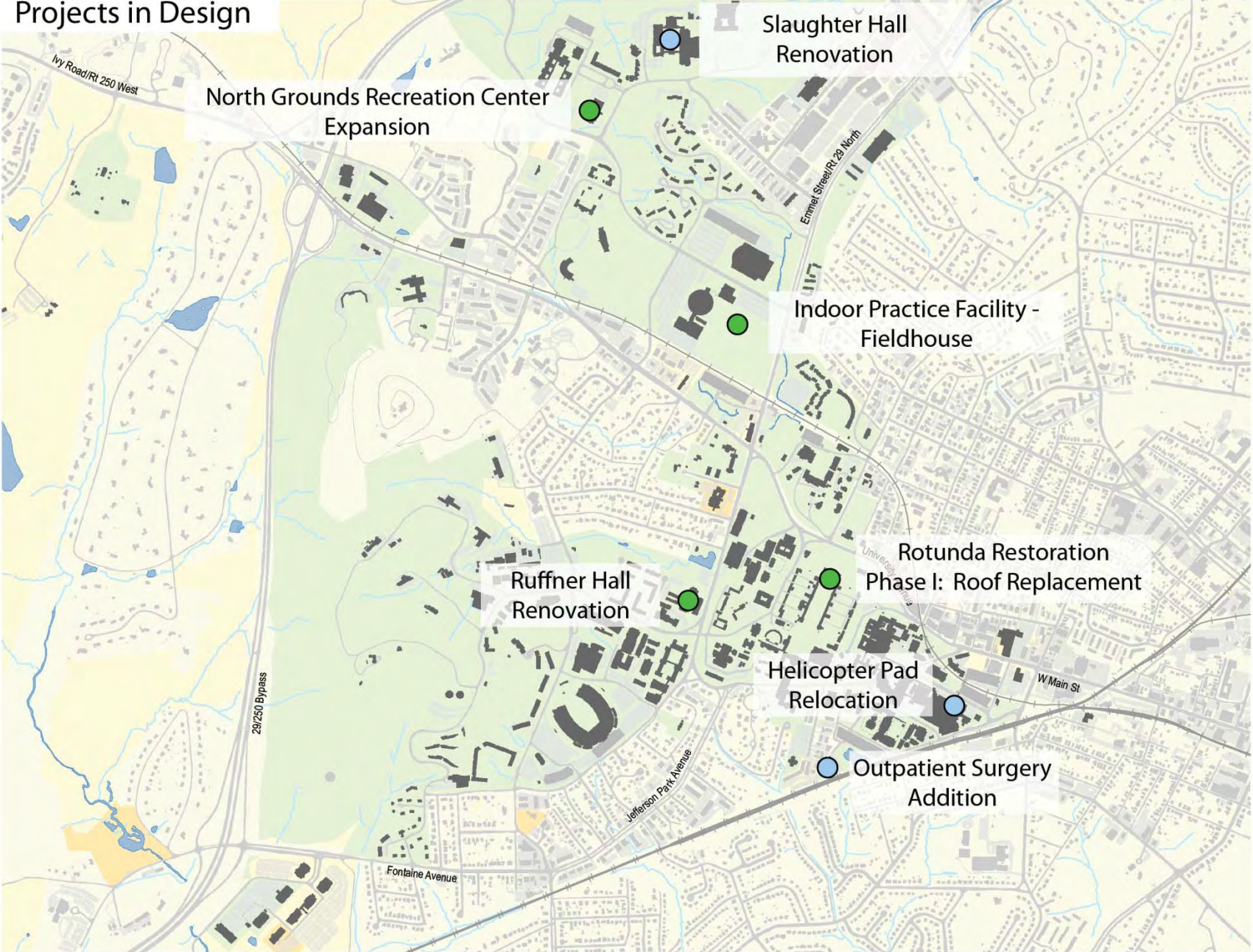


Track and Field Improvements, Phase I

- Project Cost: \$7 m
- Architect: VMDO
- Contractor: Barton Malow
- Construction Start May 2011, Finish: December 2011
- LEED Status: N/A



Projects in Design

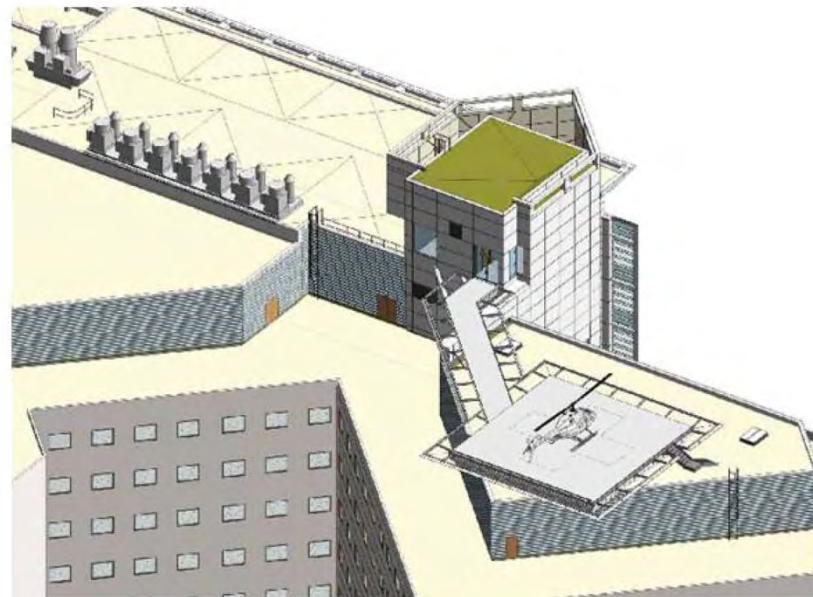


Current Projects around Grounds



Helicopter Pad Relocation

- Project Cost: \$6.7 m
- Architect: SmithGroup
- Contractor: Gilbane
- Construction Start: Fall 2011 Finish: Summer 2012
- LEED Status: N/A

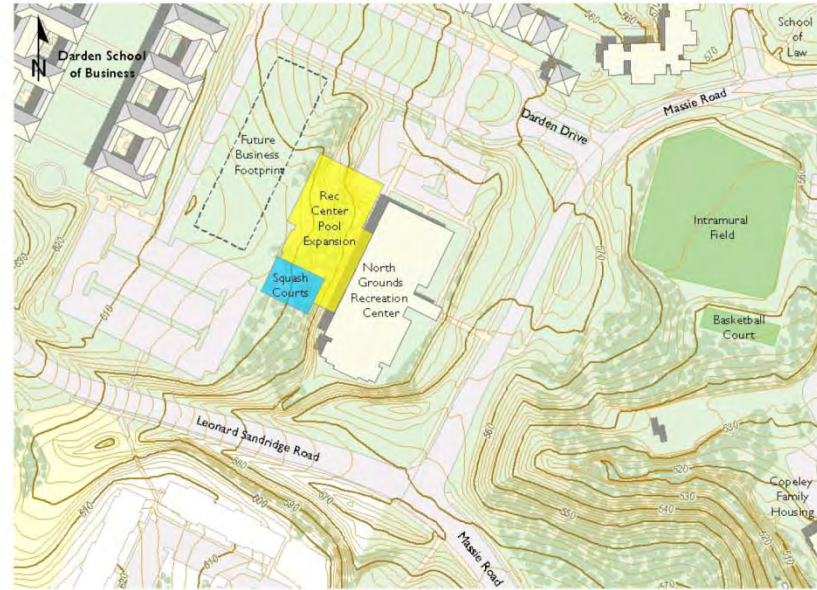




Indoor Practice Facility - Fieldhouse

- Project Cost: \$11 - 13 m
- Architect: TBD
- Contractor: TBD
- Construction Start: Spring 2012, Finish: August, 2013
- LEED Status: Not Registered; LEED Target: Certified





North Grounds Recreation Center Expansion

- Project Cost: \$17.21 m
- Architect: Cannon Design
- Contractor: Donely's Inc.
- Construction Start: TBD, Finish: TBD
- LEED Status: Not Registered; LEED Target: Silver





Outpatient Surgery Modular Addition

- Project Cost: \$3.0 m
- Architect: Baskerville
- Contractor: TBD
- Construction Start: October 2011, Finish: Spring 2012
- LEED Status: N/A; LEED Target: N/A



SCREEN WALL VIEW



Rotunda Restoration: Phase 1 - Roof Replacement

- Architects: Thomas Jefferson (1822-26)
Stanford White (1896-98) Ballou and Justice (1973-1976)
- Project Cost: \$4.7m
- Preservation Architect: John G. Waite Assc.
- Contractor: Gilbane/Christman
- Historic Structure Report: complete
- Construction Start: March 2012; Finish: May 2013





Ruffner Hall Renovation

- Project Cost: \$23.7 m
- Architect: McKinney & Co.
- Contractor: TBD
- Construction Start: TBD, Finish: TBD
- LEED Status: Not Registered; LEED Target: TBD

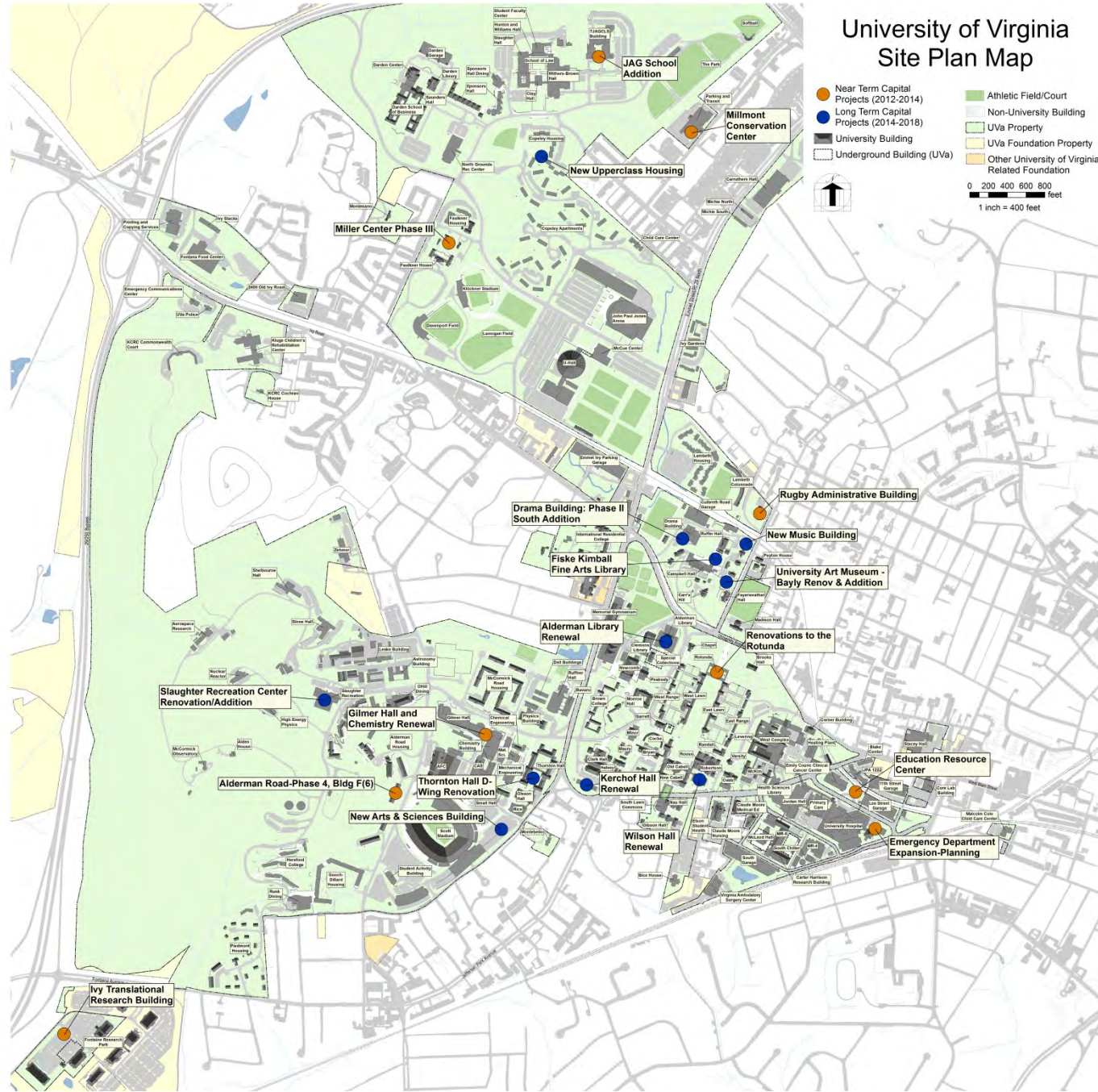




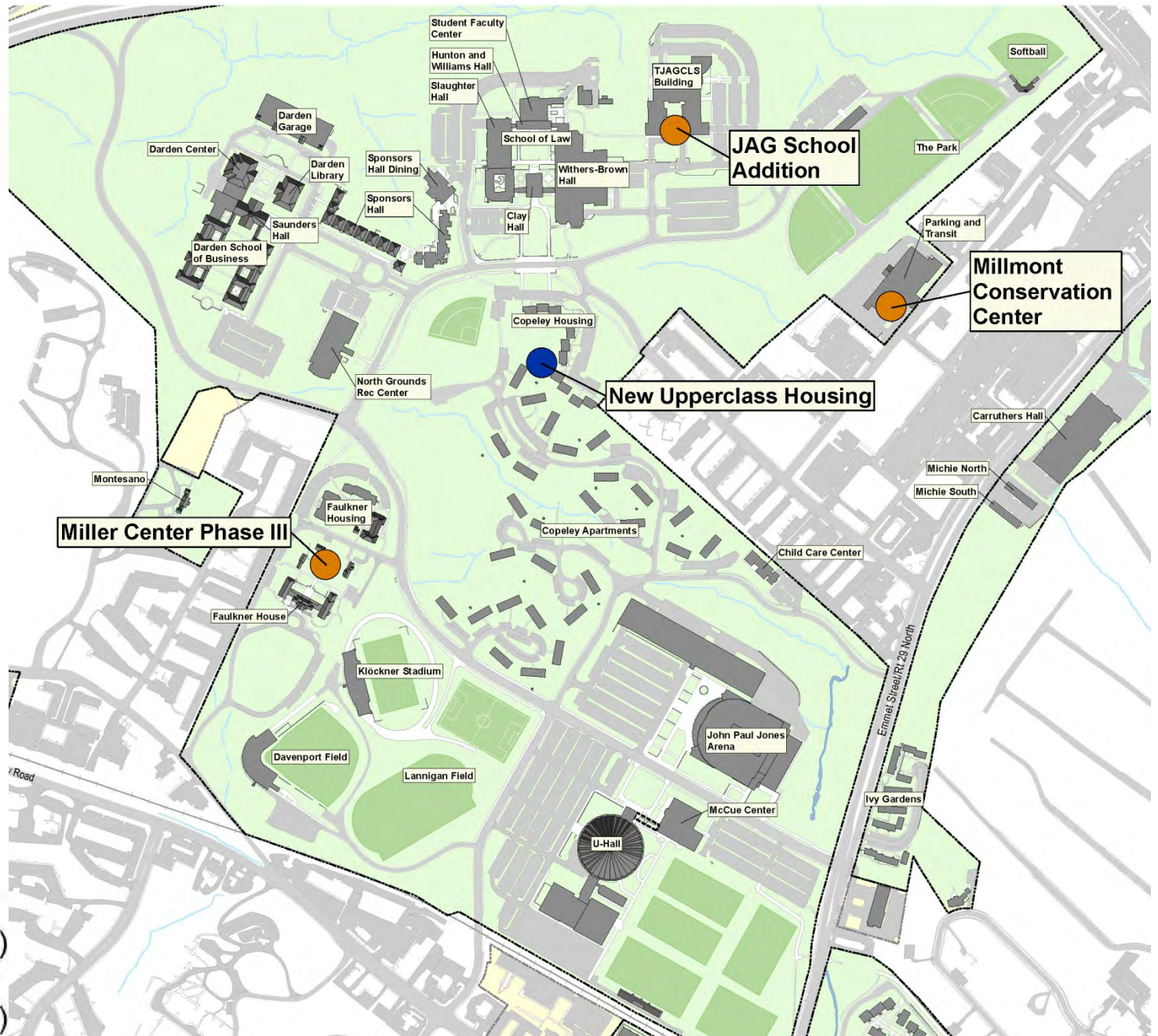
- Project Cost \$8,000,000
- Renovate 33,000 GSF and some space in Withers Brown
- Create administrative and student services suite



University of Virginia Site Plan Map



- Near Term Capital Projects (2012-2014)
- Long Term Capital Projects (2014-2018)

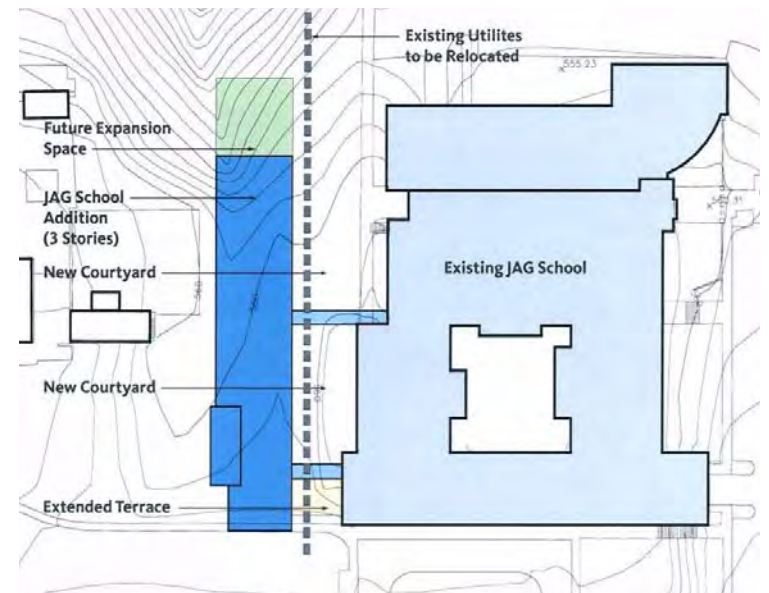


- Near Term Capital Projects (2012-2014)
- Long Term Capital Projects (2014-2018)

2012-2018 Six-Year Capital Plan - North Grounds



- Project Cost \$35,000,000
- 52,000 GSF
- Addition to provide office/administrative space, a new law library, and classrooms





- Project Cost \$30,000,000
- Departments Served: Miller Center
- Presidential library, office space, conference space and additional parking



2012-2018 Six-Year Capital Plan – Miller Center Phase III



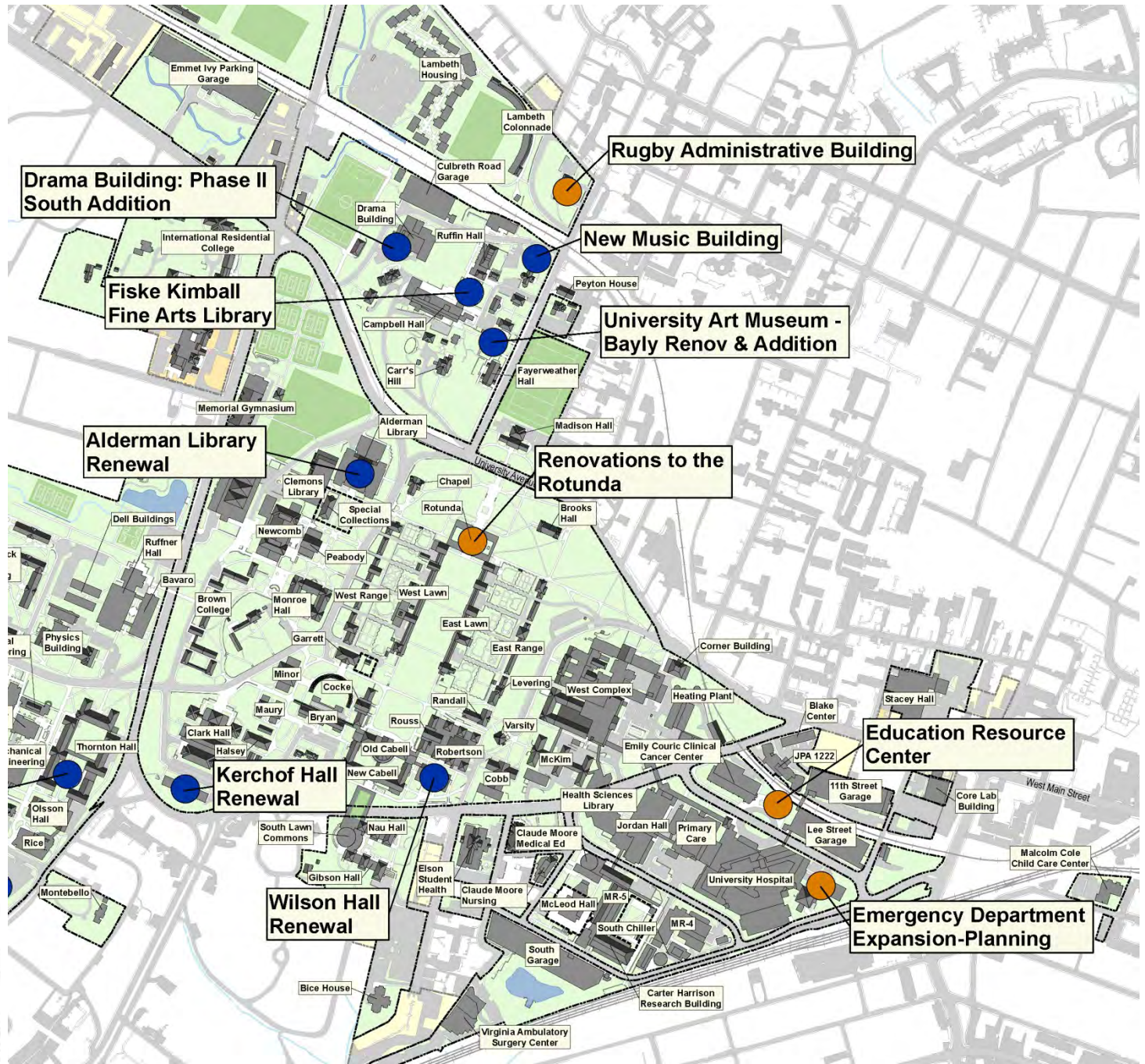
- Tentative site is Copeley III and IV, constructed 1973-1976
- 76,000 GSF of apartment style housing for 190 students
- Possible public/private partnership opportunity
- Budget: 50,000,000





- Renovation Cost \$8,100,000
- 21,000 GSF: lab, storage, office
- Departments served: University Libraries, Kluge Ruhe Museum, UVa Art Museum, Office of the Architect



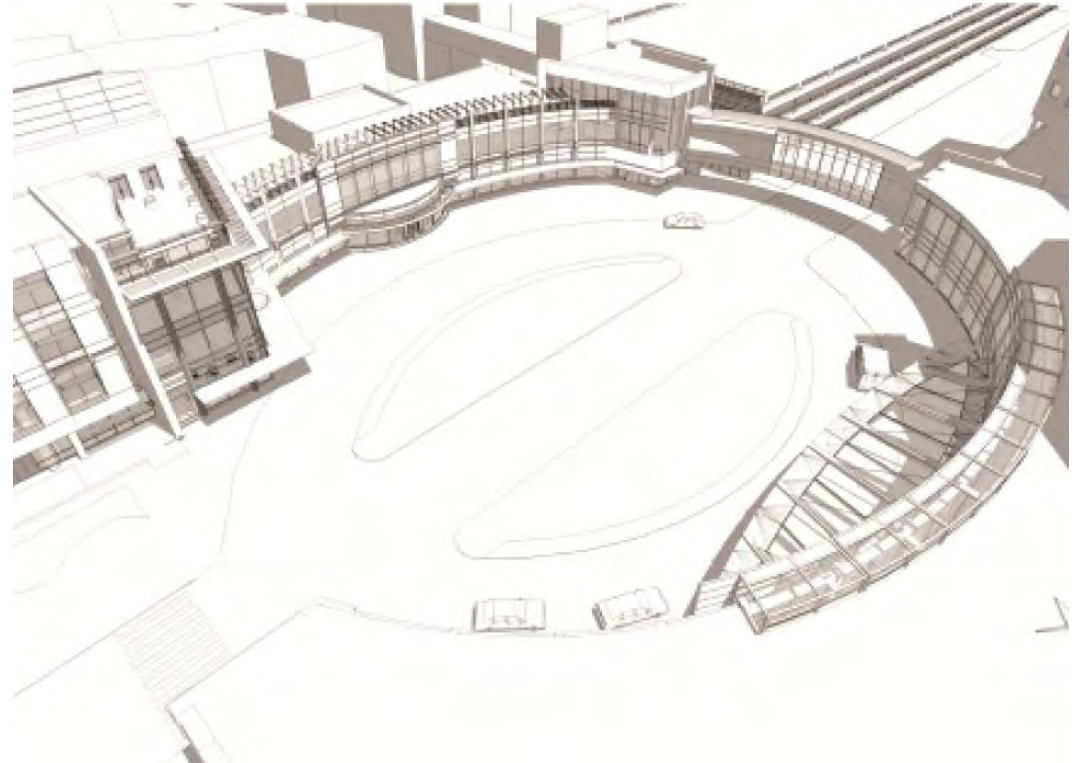


2012-2018 Six-Year Capital Plan - Central Grounds

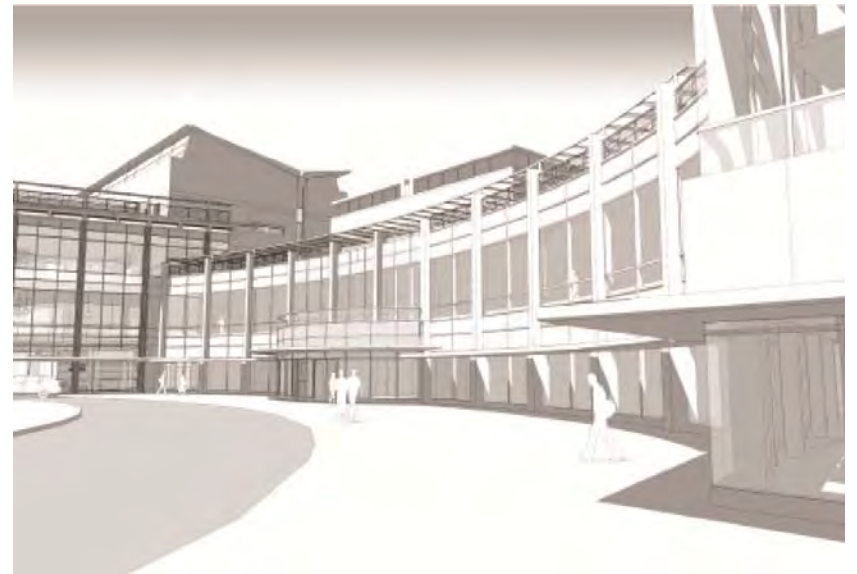


- Phase I/II Maintenance and Restoration
Cost: \$49,950,000
- Preservation Architect: John G. Waite Associates
- Historic Structure Report complete





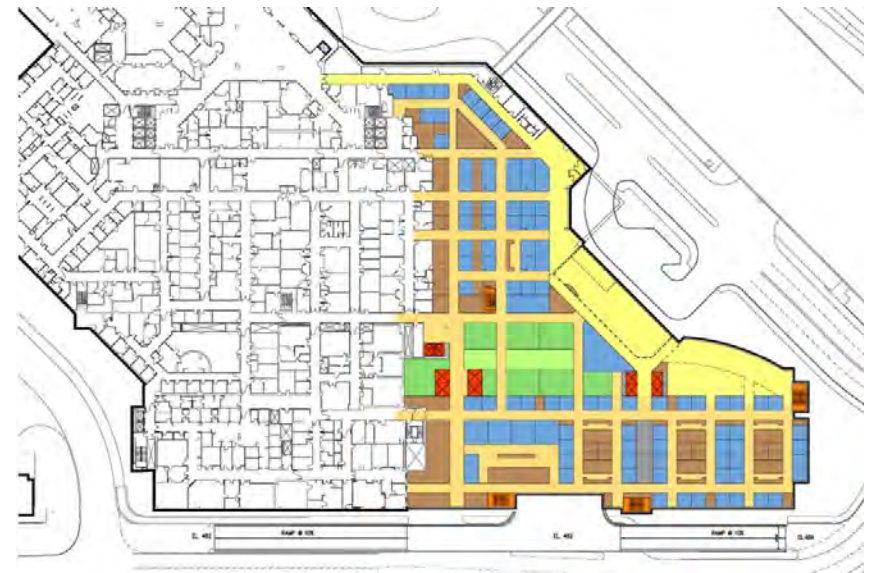
- Project Cost \$6,400,000
- 30,000 GSF – 2 floors
- Program: Multi-purpose education space, pharmacy, 150-seat auditorium, pre-function space, green roof garden and basement for mechanical and shell, potential outpatient imaging

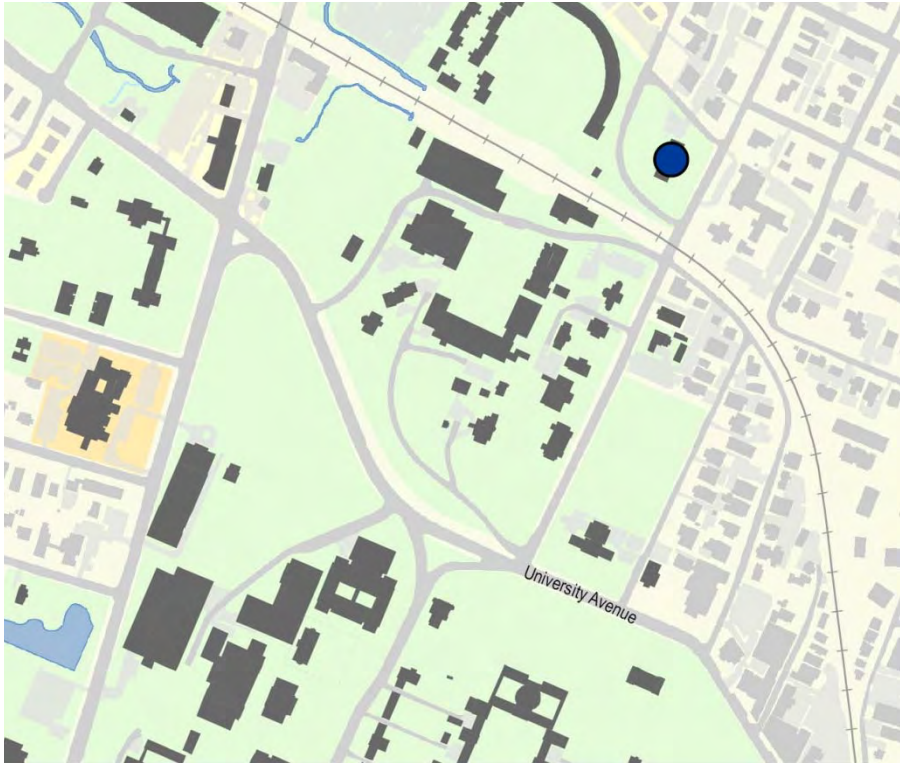




Planning Recommendations Include:

- 65 Total beds
- 40 New Adult rooms
- 5 New Peds rooms
- 4 New Trauma rooms
- 16 Obs/CDU in renovated ED Space





- Project Cost \$17,700,000
- Architect: Glave & Holmes
- Construction Start: On Hold
- Historic Structure Report: complete
- LEED Status: Certified



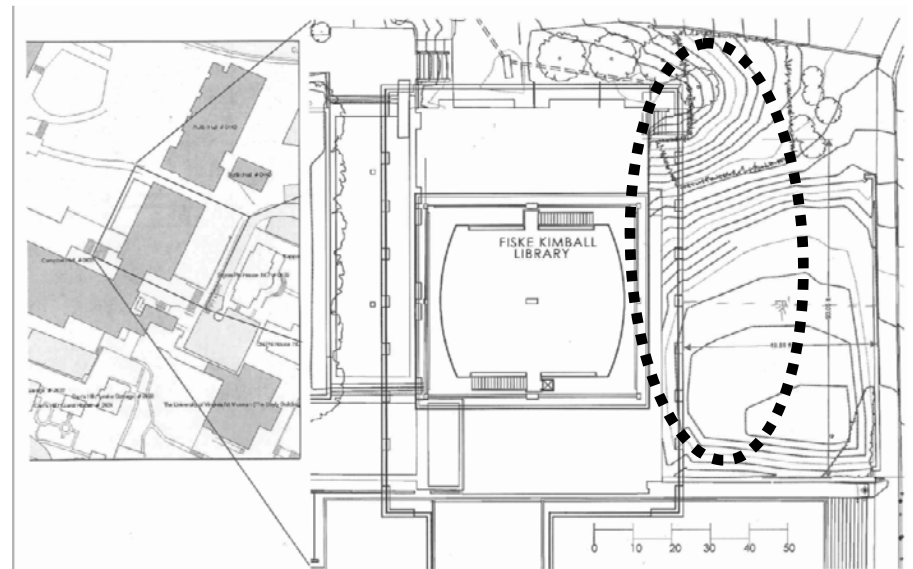


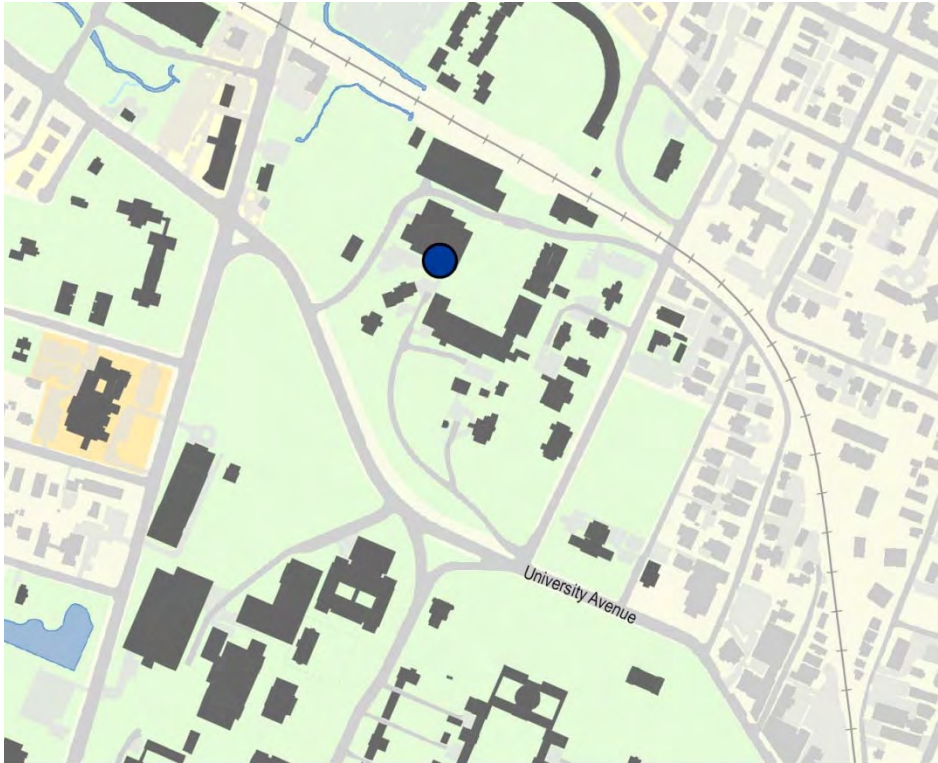
- Project Cost \$44,000,000
- 50,000 GSF of performance, practice and office space
- Requires straightening of Culbreth Road to create building site





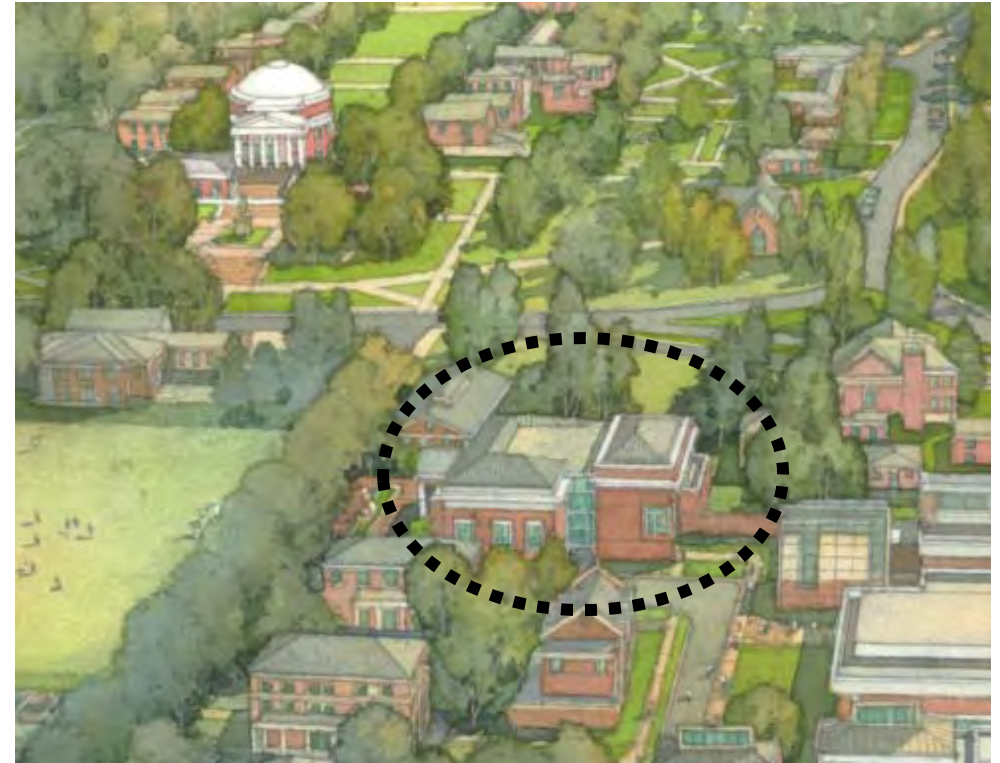
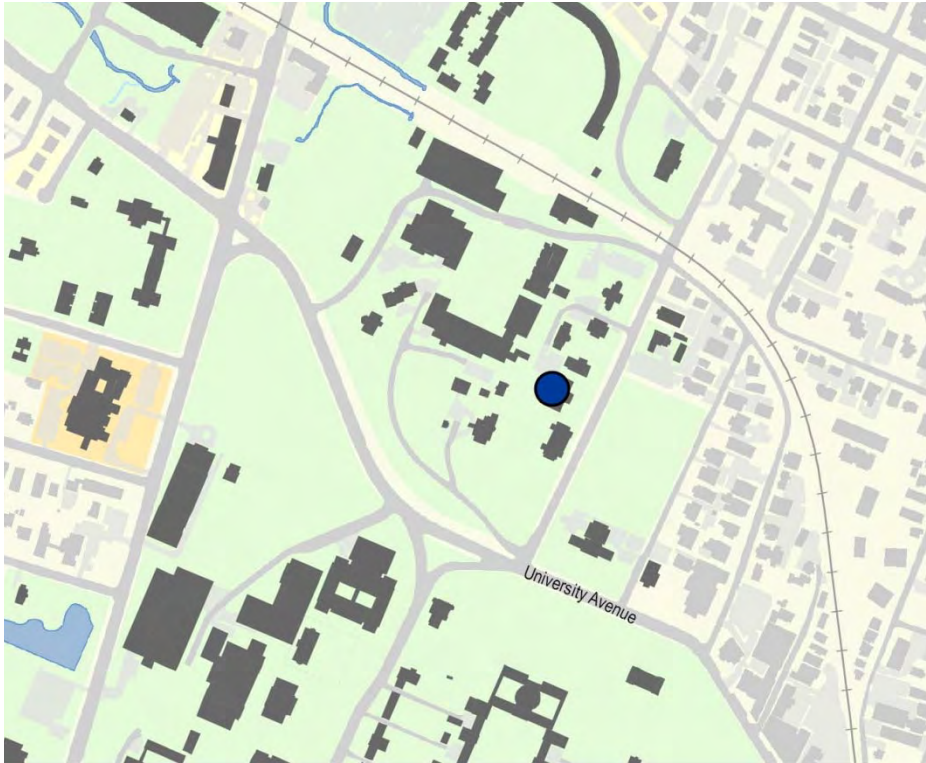
- Project Cost \$18,700,000
- Replace major systems and asbestos remediation
- Build below-ground addition with compact shelving and appropriate egress; refurbish current space to increase seating capacity





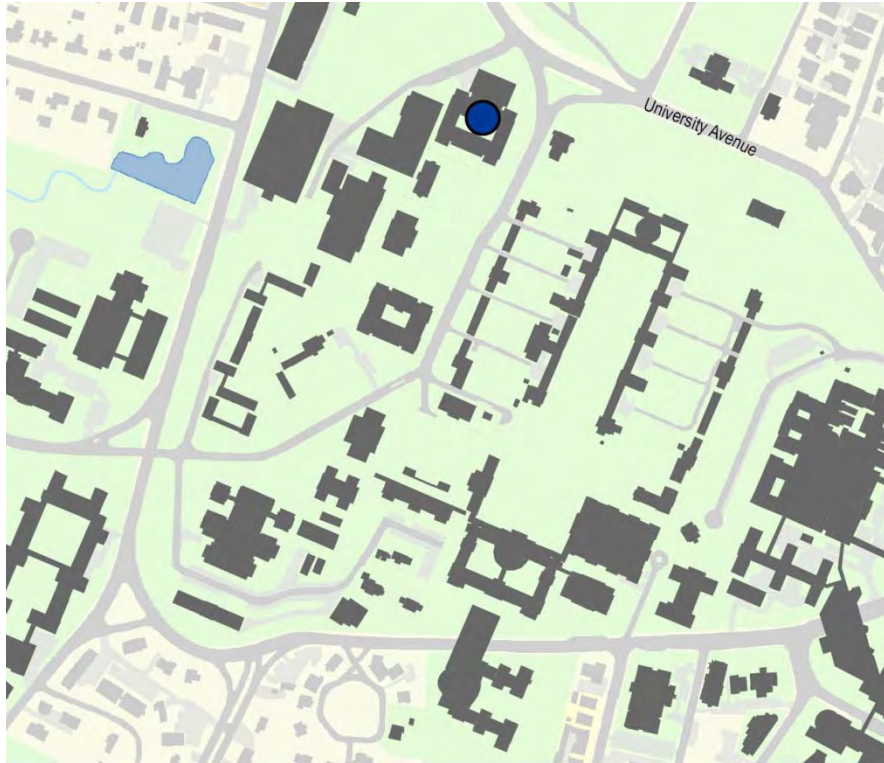
- Project Cost \$19,000,000
- Addition to the original Drama Building and Thrust Theatre
- 21,000 GSF for dance studio, black box theater and administrative space



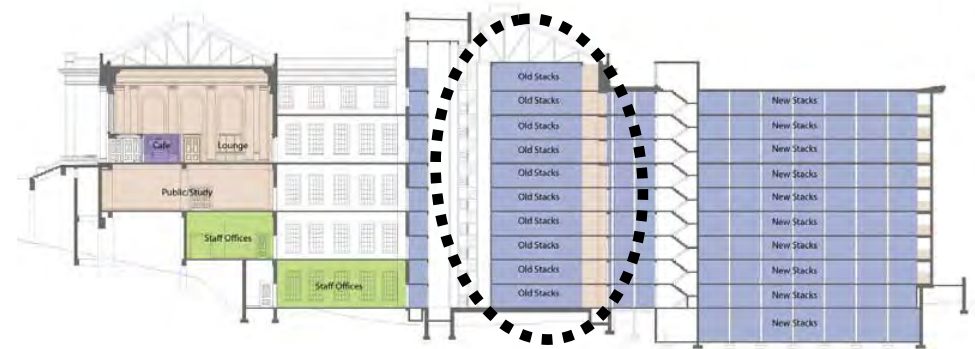


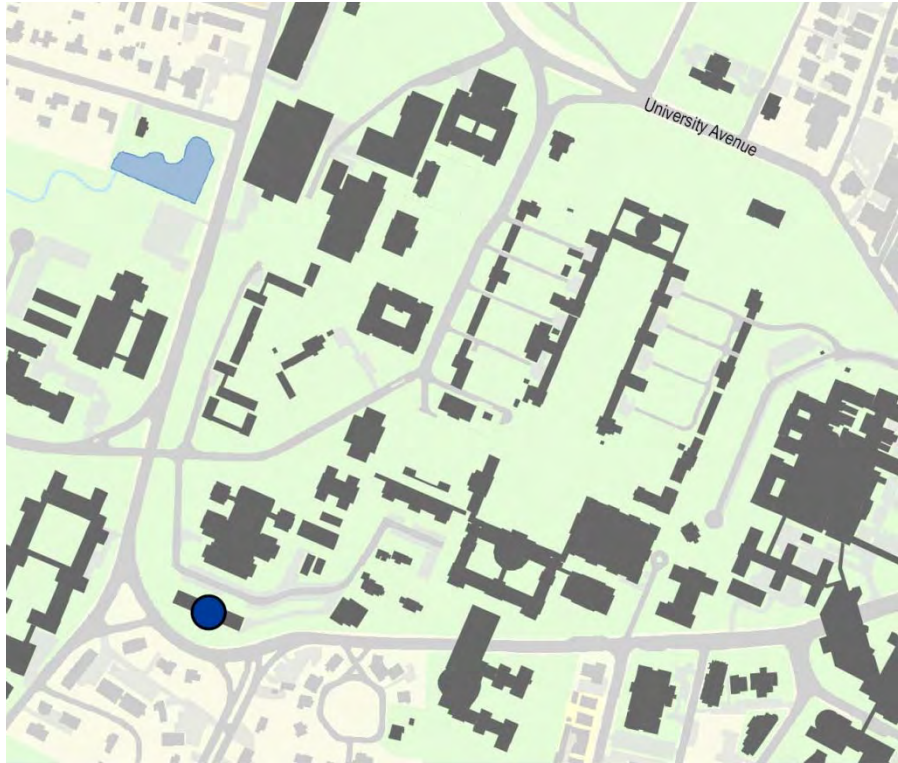
- Project Cost \$30,000,000
- 13,500 GSF of renovation and 20,000 GSF addition to the Bayly Building
- Expanded space for galleries, collection/exhibit support, education and offices





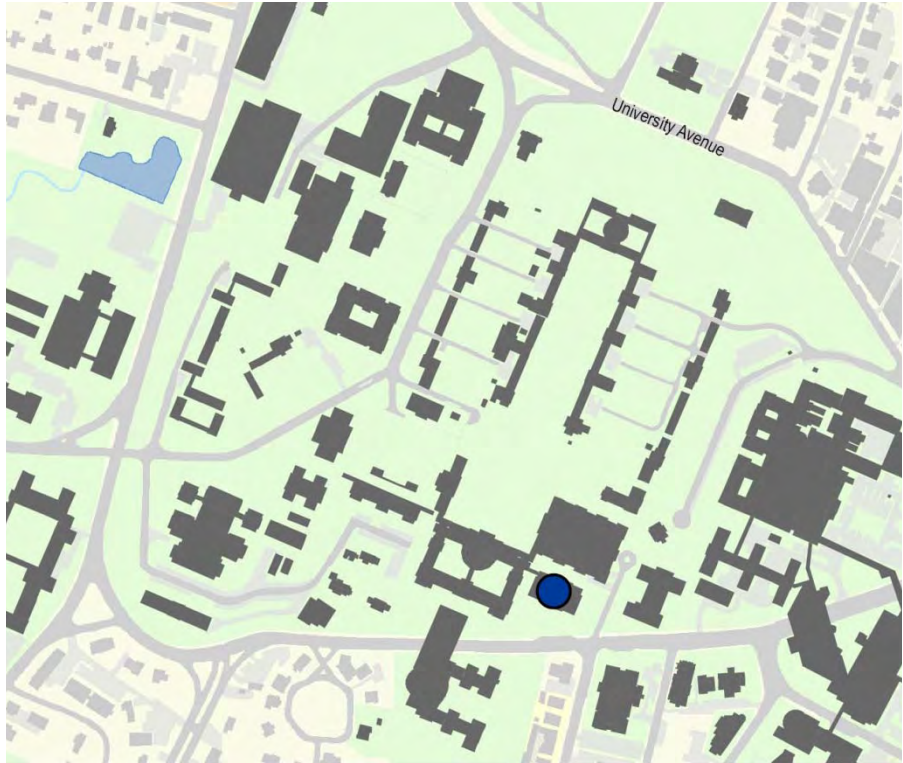
- Project Cost \$120,000,000
- Renew all systems and remove original stacks that are fire hazards and cannot be brought up to code
- Replace 10 “old stack” floors with a compact shelving system plus two floors of student and faculty study spaces and staff offices





- Project Cost \$29,000,000
- Constructed in 1955
- Renovate 33,000 GSF of library, classroom and office space and connect to chilled water loop

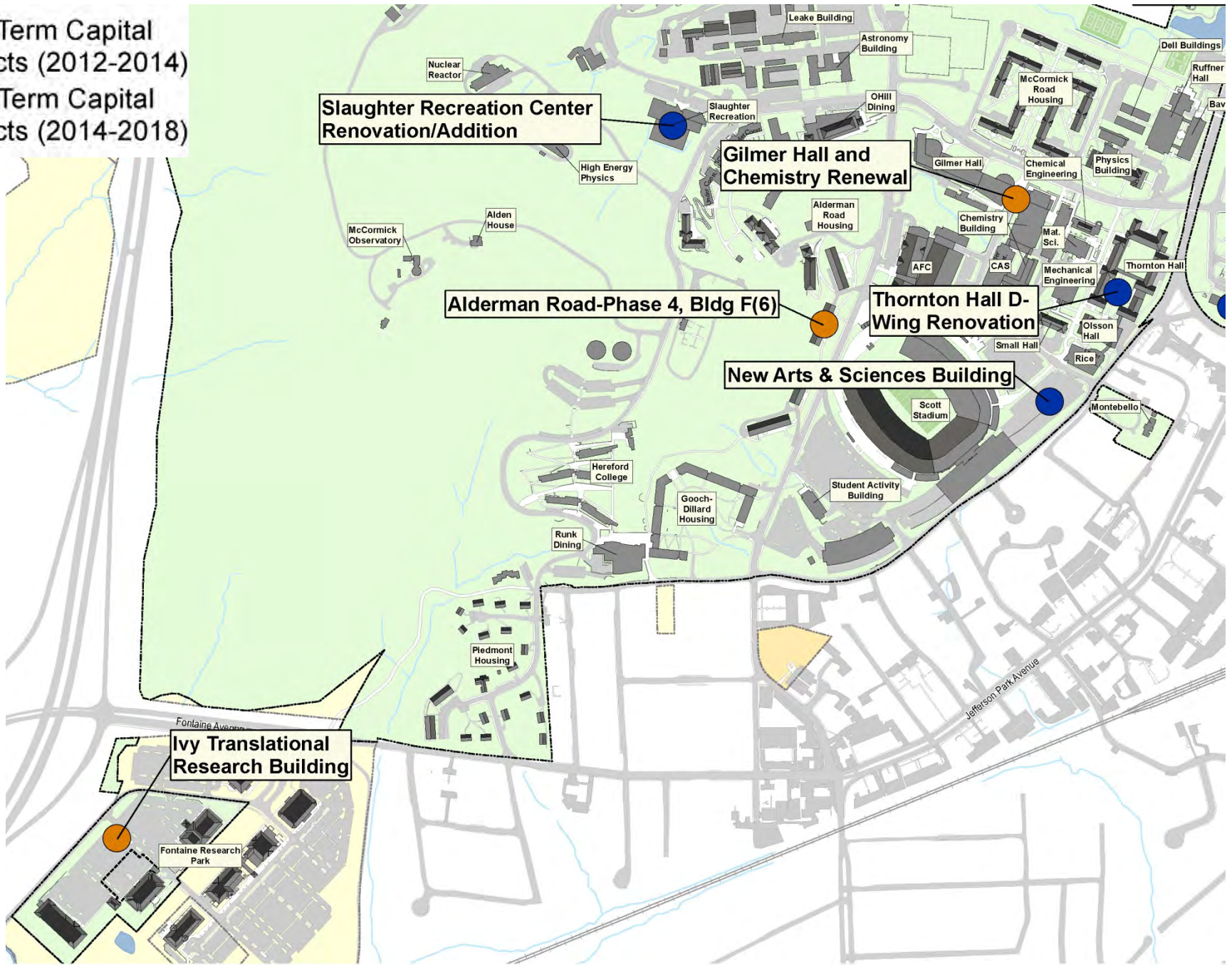




- Project Cost \$24,000,000
- Constructed in 1969
- Renovate 50,000 GSF of classroom and office space with systems renewal, new finishes and furniture



- Near Term Capital Projects (2012-2014)
- Long Term Capital Projects (2014-2018)

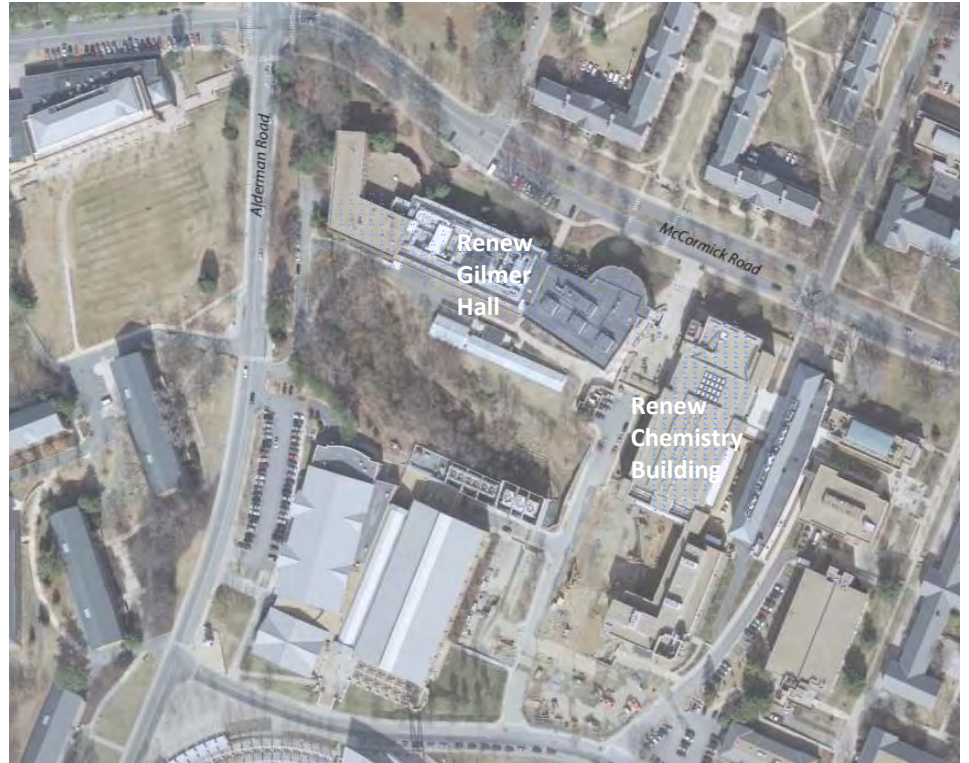


2012-2018 Six-Year Capital Plan - West Grounds



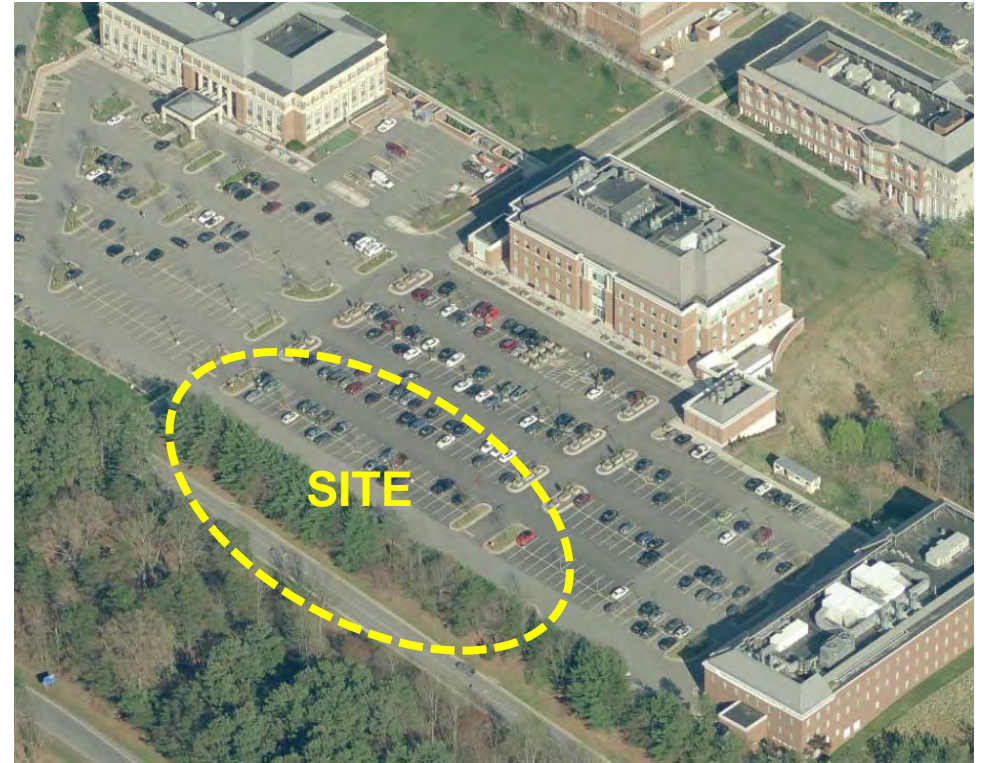
- Project Cost \$30,000,000
- Architect: TBD
- Contractor: TBD
- Construction Start: TBD
- LEED Target: Certified



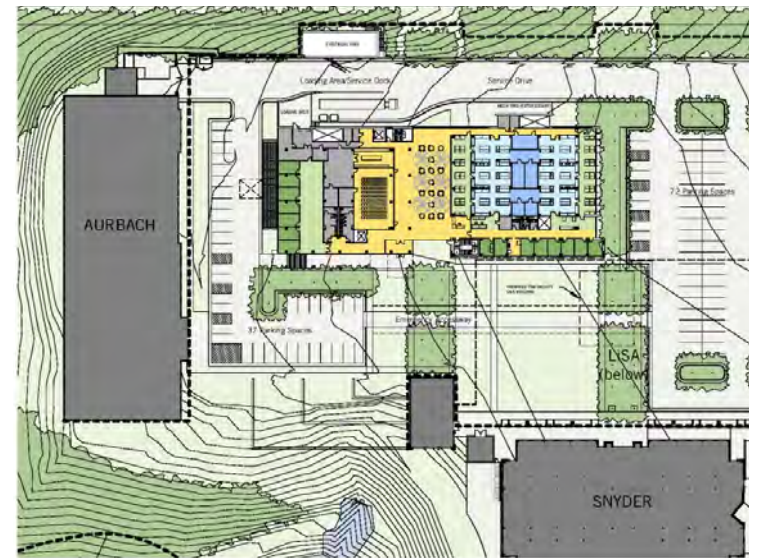


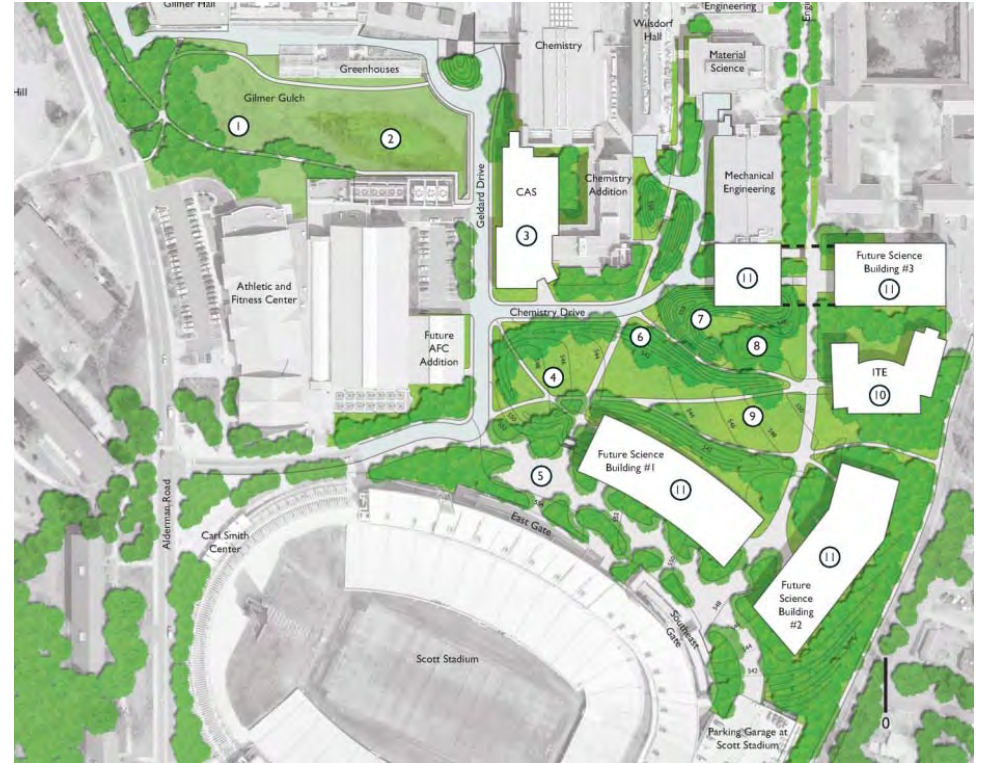
- Project Cost 131,000,000
- Gilmer: Renovate 232,000 GSF of lab, classroom and office space
- Chemistry: Renovate 273,000 GSF of lab, classroom and office space



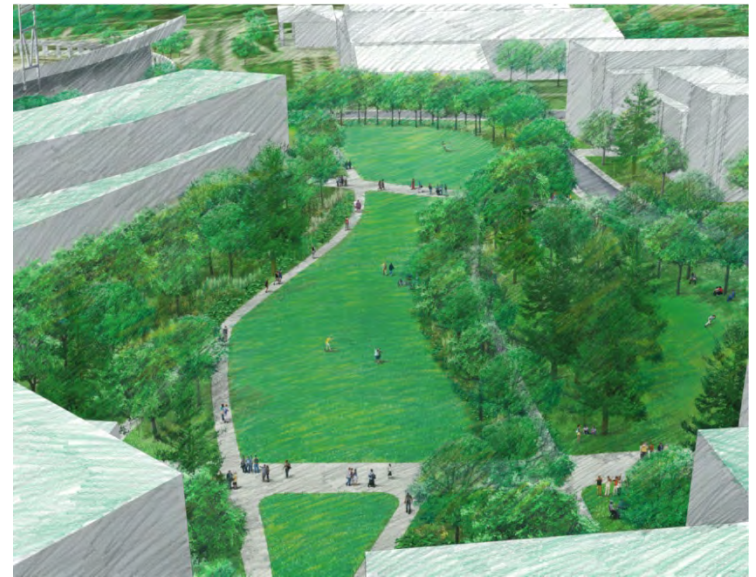


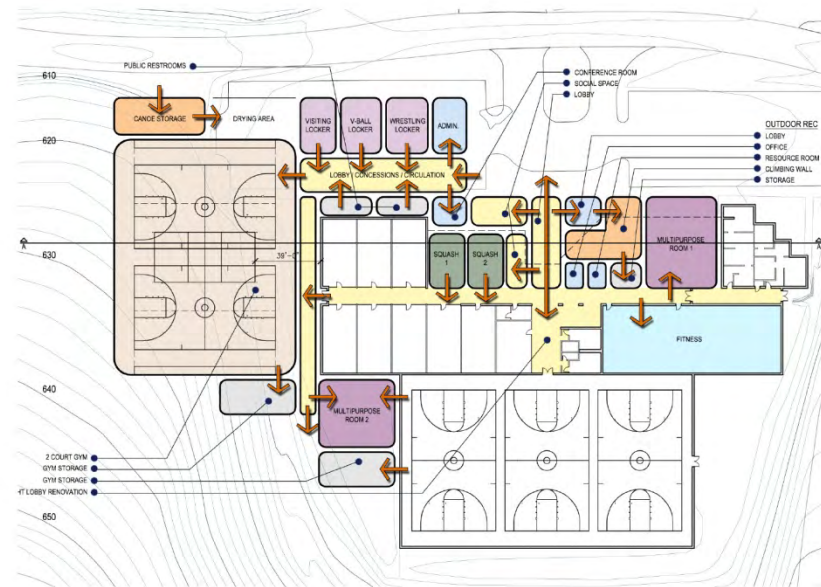
- Project Cost \$67,900,000
- Architect: Perkins and Will
- Contractor: TBD
- Construction Start: TBD
- LEED Target: Certified





- Project Cost \$86,000,000
- 90,000 GSF of space for instruction, research and offices
- Partnership of Arts & Sciences and Engineering and Applied Sciences





- Project Cost \$21,250,000
- Add new 2 court multipurpose athletic court space, renovate existing racquetball and squash court space
- Relocate outdoor programs to this location.





- Project Cost \$12,000,000
- Renovate “D” Wing of Thornton Hall, with focus on labs
- Office space, building systems and floorplan reconfiguration will also be in project scope





UVA Master Planning Council

CCAM

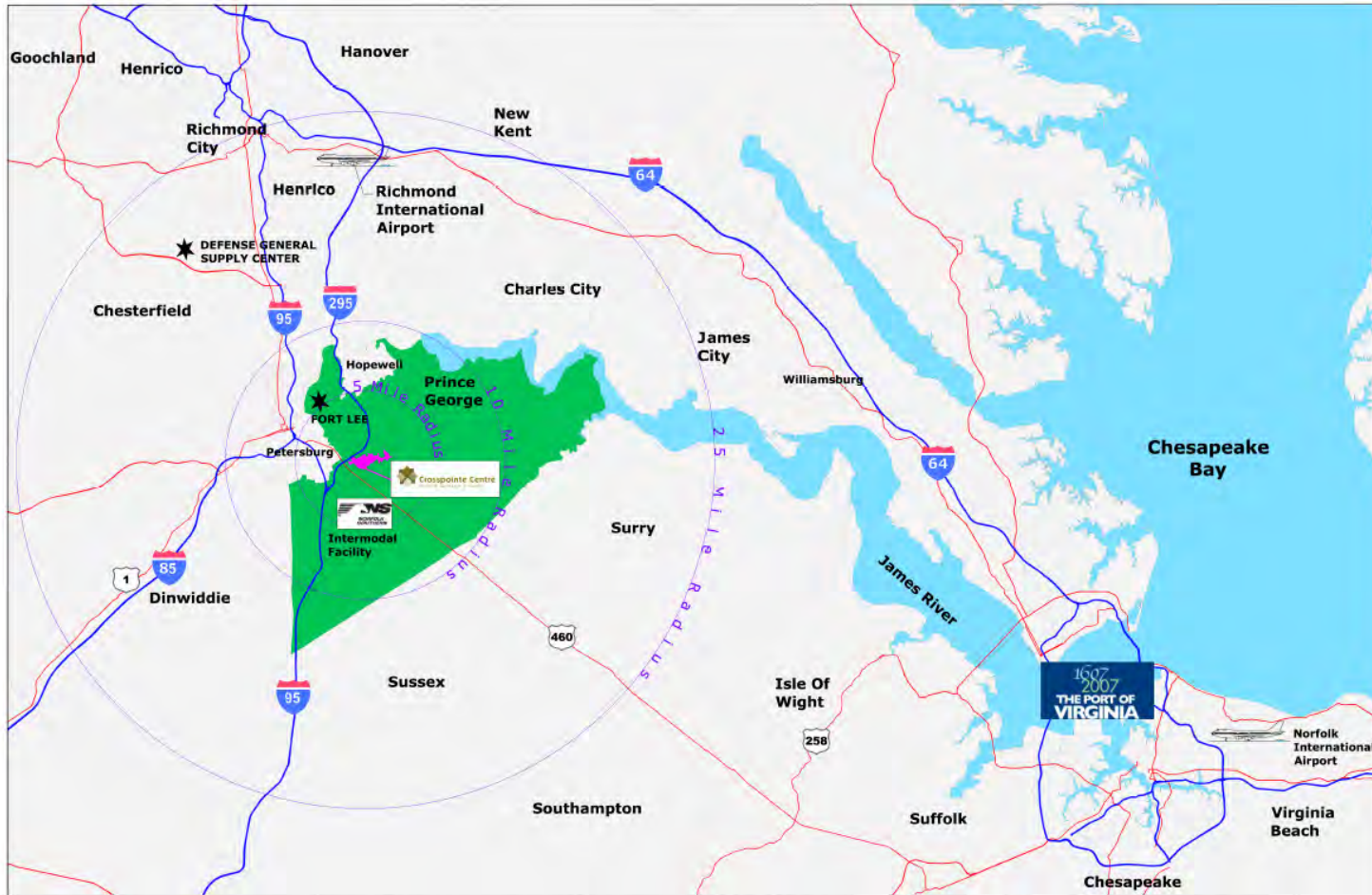
COMMONWEALTH CENTER FOR
ADVANCED MANUFACTURING

UVA Foundation

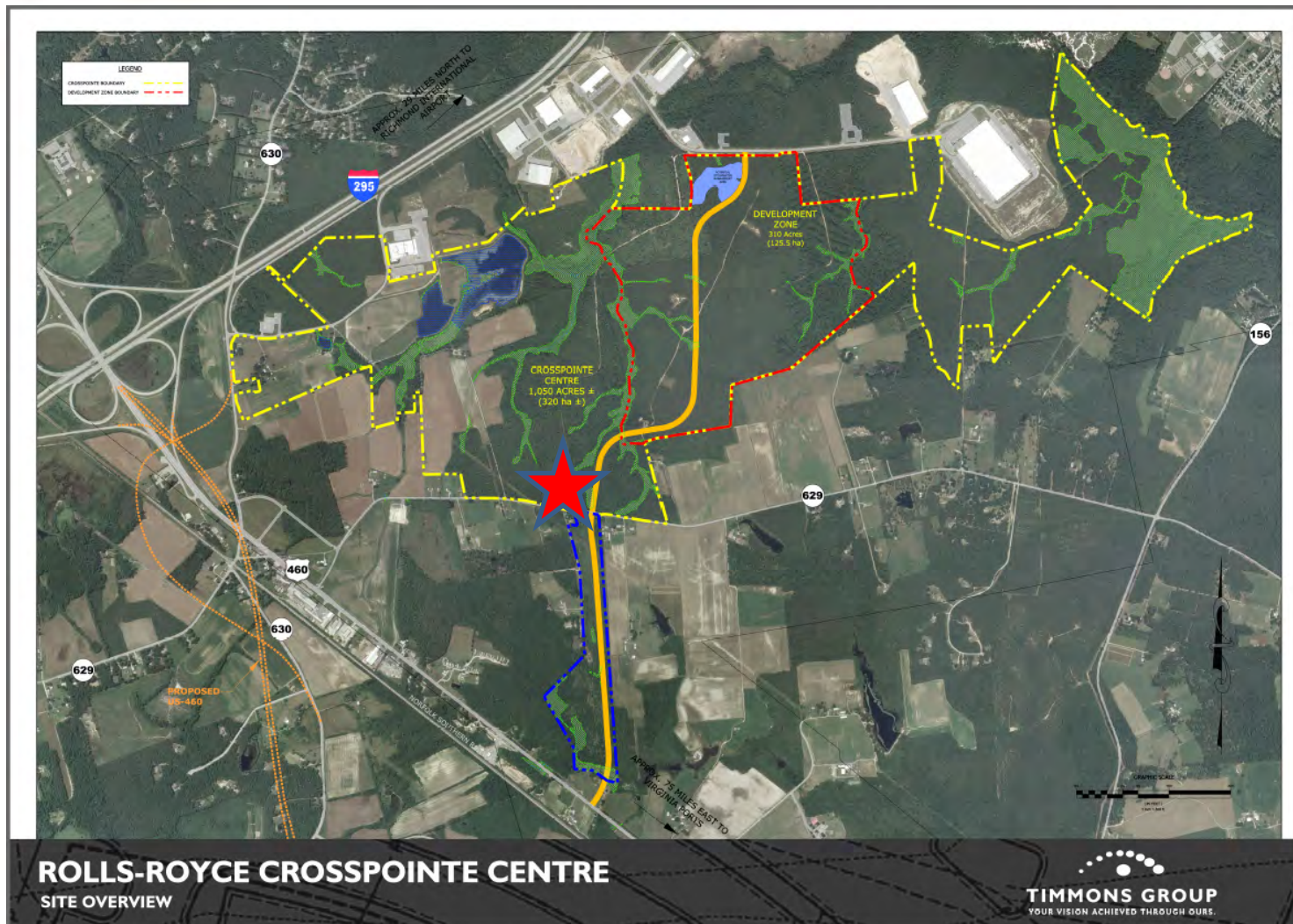
- Memorandum of Understanding
 - Established December 2007
 - Participation by UVA/VT/VEDP/VA Community College System and Prince George County
 - Included land for development of Rolls Royce facilities
 - Included educational goals
 - Included workforce recruitment and training goals
 - And the establishment of the CCAM facility

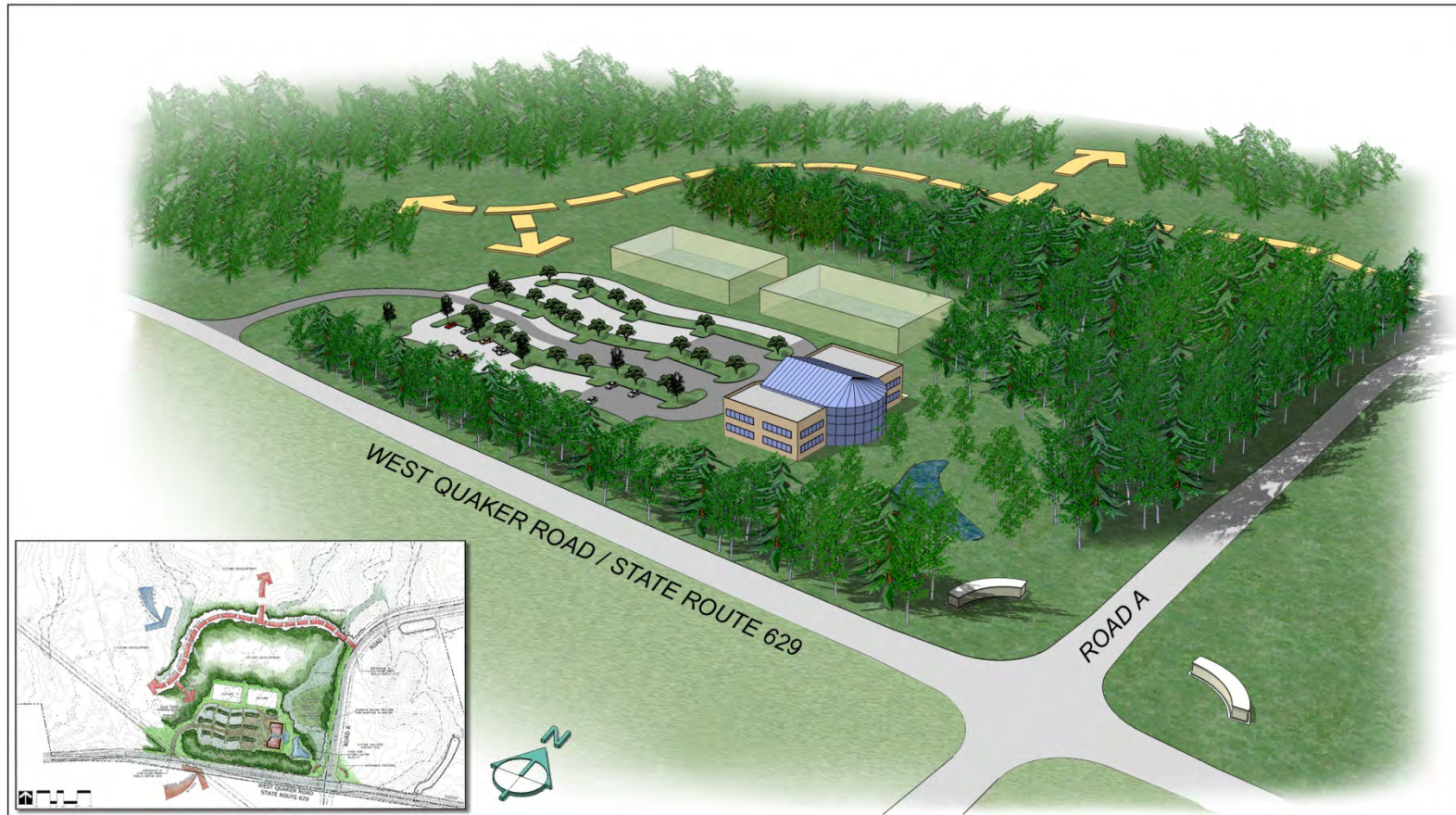
CCAM Definition

- “The CCAM will build on the existing strengths of UVA and VT, and will integrate experience and academics from across Engineering and Business related subjects to meet the growing needs for research in the areas of Advanced Manufacturing.”
- Surface engineering identified as the area of concentration



ROLLS-ROYCE CROSSPOINTE CENTRE
CHESAPEAKE BAY REGION





- Advanced Manufacturing Research Center (AMRC)
Sheffield, England



- CCAM established as a 501(c)(3) non-profit organization
 - Membership structure (dues)
 - Proprietary and Shared Research
 - Collaboration opportunities
- UVA Foundation developer/owner/lessor
- Future development/partnerships and expansion important w/in the 20 Acres
 - CCAM
 - John Tyler Community College
 - Virginia State University

- A global Center of Excellence in advanced manufacturing research
 - Manufacturing Systems
 - Surface Engineering
- Focus on translation research
 - Accelerate new technologies into commercialization
 - Reduce cost and improve quality
 - Complement with workforce training efforts



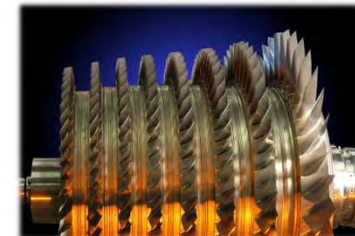
Transportation



Shipbuilding



Energy



Aerospace



Electronics



Defense



Automotive

Best-in-class manufacturers & Virginia's flagship Universities



CHROMALLOY



Newport News Shipbuilding
A Division of Huntington Ingalls Industries



Project Design Team

Perkins+Will (Architects), Washington, DC

Robert Silman & Assoc. (Structural), Washington, DC

Dewberry (Civil Engineers), Richmond, VA

McKinney & Company (Landscape Architects), Ashland, VA

Integral (MEP Engineers), Glen Allen, VA

Building Overview

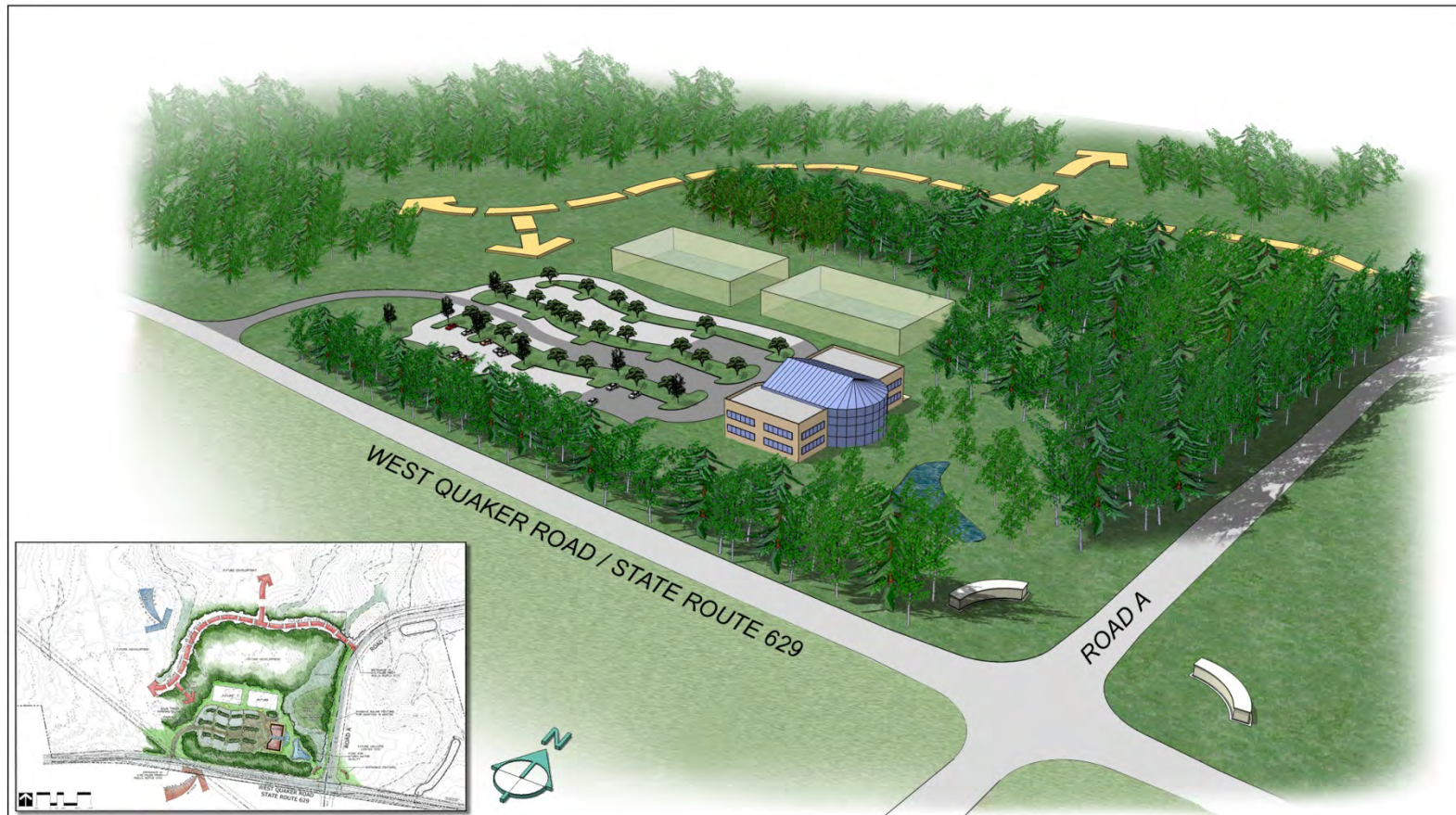
60,000 GSF

15,000 GSF of High Bay Equipment Area

Conference Space

Open and Closed Labs and Meeting Spaces

Break room





COMMON NAME	BOTANICAL NAME	SIZE	COMMENTS
LARGE TREES			
Redstart Red Maple	<i>Acer rubrum 'Redstart'</i>	2'F cal	Specimen
American Holly	<i>Ilex opaca</i>	8-10'	Specimen
Green Ash	<i>Fraxinus pennsylvanica</i>	2'F cal	Specimen
American Beech	<i>Fagus grandifolia</i>	2'F cal	Specimen
Pin Oak	<i>Quercus palustris</i>	2'F cal	Specimen
Shoufed Pine	<i>Pinus strobus</i>	8-10'	Specimen
SMALL TREES			
Canada Serviceberry	<i>Amelanchier canadensis</i>	10-12'	3 calnes max
Hawthorn	<i>Crataegus canadensis</i>	10-12'	Specimen
River Birch	<i>Betula nigra</i>	10-12'	3-5 calnes
Burreed Magnolia	<i>Magnolia virginiana</i>	10-12'	3 calnes max
Star Dogwood	<i>Cornus alternifolia</i>	8-10'	Specimen
SHRUBS			
Black-Rose Viburnum	<i>Viburnum prunifolium</i>	24-30"	install at 24-30 O.C.
Spotted-leaf Dogwood	<i>Cornus alternifolia</i>	24-30"	install at 24-30 O.C.
New Jersey Tea	<i>Carolina allspice</i>	18-24"	install at 24-30 O.C.
Mountain Laurel	<i>Kalmia latifolia</i>	24-30"	install at 24-30 O.C.
Blue Hibiscus Juniper	<i>Juniperus chinensis 'Pfitzeriana Glauca'</i>	24-30"	install at 24-30 O.C.
Spicebush	<i>Lindera benzoin</i>	24-30"	install at 24-30 O.C.
Witch hazel	<i>Hamamelis virginiana</i>	24-30"	install at 24-30 O.C.
GROUNDCOVER, PERENNIALS & ORNAMENTAL GRASSES			
Big Bluestem	<i>Andropogon gerardii</i>	8" hgt. min	12" O.C. triangular spacing
Adagio Miscanthus	<i>Miscanthus sinensis 'Adagio'</i>	No. 3 cont	12" O.C. triangular spacing
Spill Blue Fescue	<i>Festuca ovina 'Spill Blue'</i>	8" hgt. min	12" O.C. triangular spacing
Pachystima	<i>Pachystima terminalis</i>	4" hgt. min	12" O.C. triangular spacing
Liriodie	<i>Liriodie muscari</i>	8" hgt. min	12" O.C. triangular spacing
Reeked Emerald Swan	<i>Rubricola ligula 'Early Bird Gold'</i>	10"-12" hgt. min	12" O.C. triangular spacing
TURF			
Honda Tall Fescue			Low maintenance turf
Falcon IV			Low maintenance turf

Landscape Plan

62,790 ft² two story state of the art building • Office, conference, lab, and high bay facilities • Site layout and building designed for expansion



View from Parking lot



View from northeast



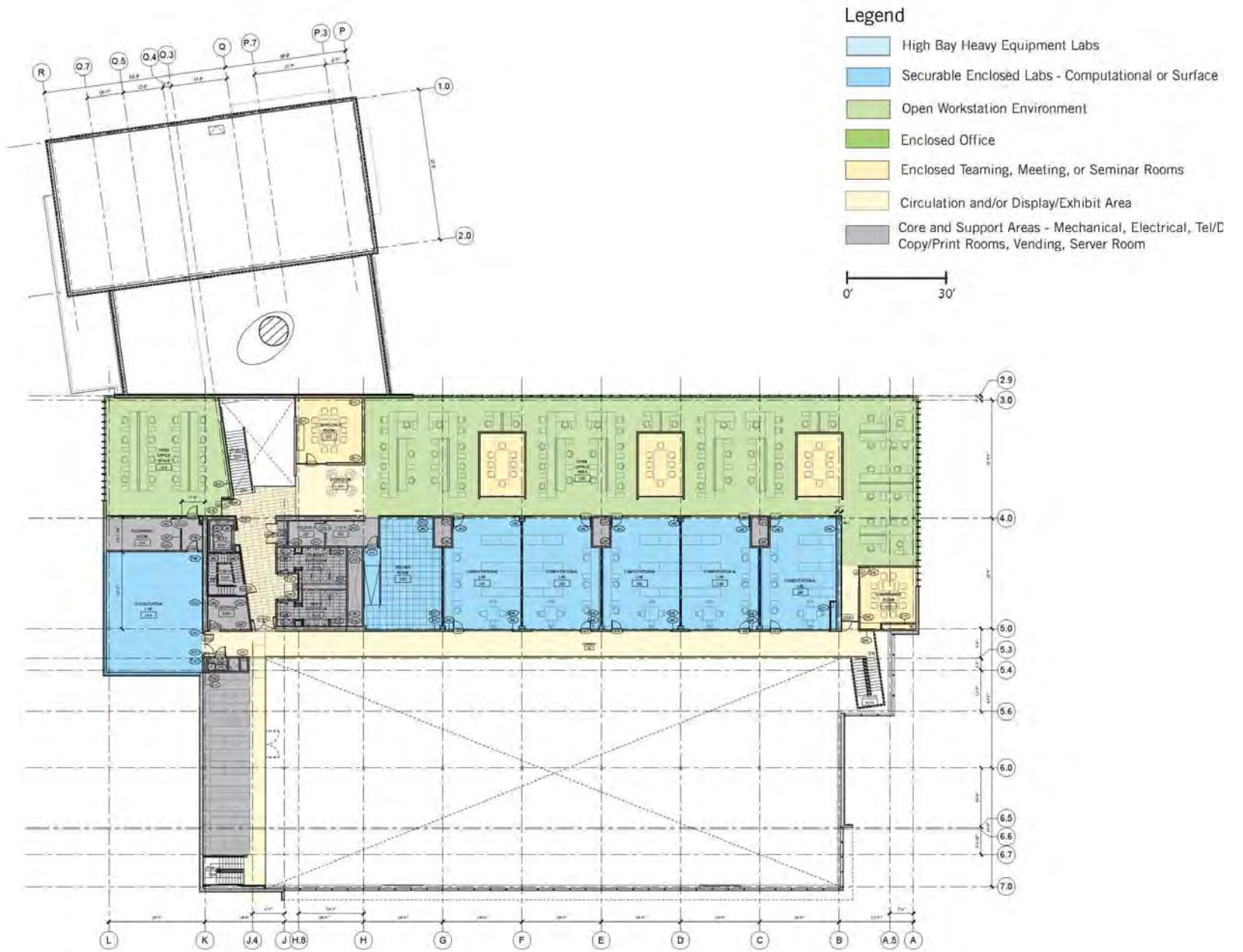
Interior lobby



- Legend**
- High Bay Heavy Equipment Labs
 - Securable Enclosed Labs - Computational or Surface
 - Open Workstation Environment
 - Enclosed Office
 - Enclosed Teaming, Meeting, or Seminar Rooms
 - Circulation and/or Display/Exhibit Area
 - Core and Support Areas - Mechanical, Electrical, Tel/D Copy/Print Rooms, Vending, Server Room

0' 30'

First Floor Plan



Second Floor Plan

Project Overview Schedule

- Schematic Design – complete
- Design Development – complete
- Shovel Ready Work – Completed September 2011
- Contractor Bid's Received – October 2011
- Construction Documents complete and construction begins – October 2011

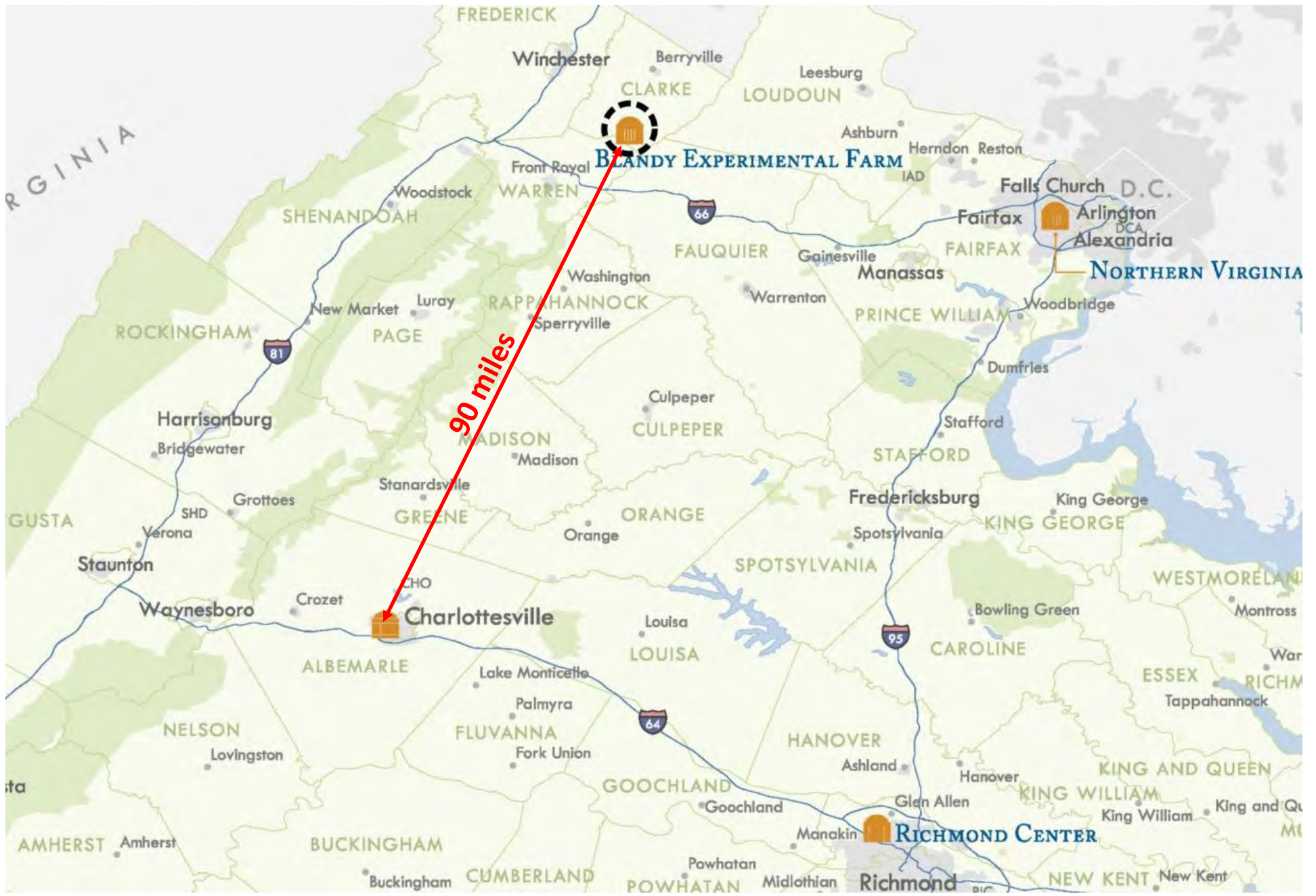
UVA Foundation

CCAM

COMMONWEALTH CENTER FOR
ADVANCED MANUFACTURING



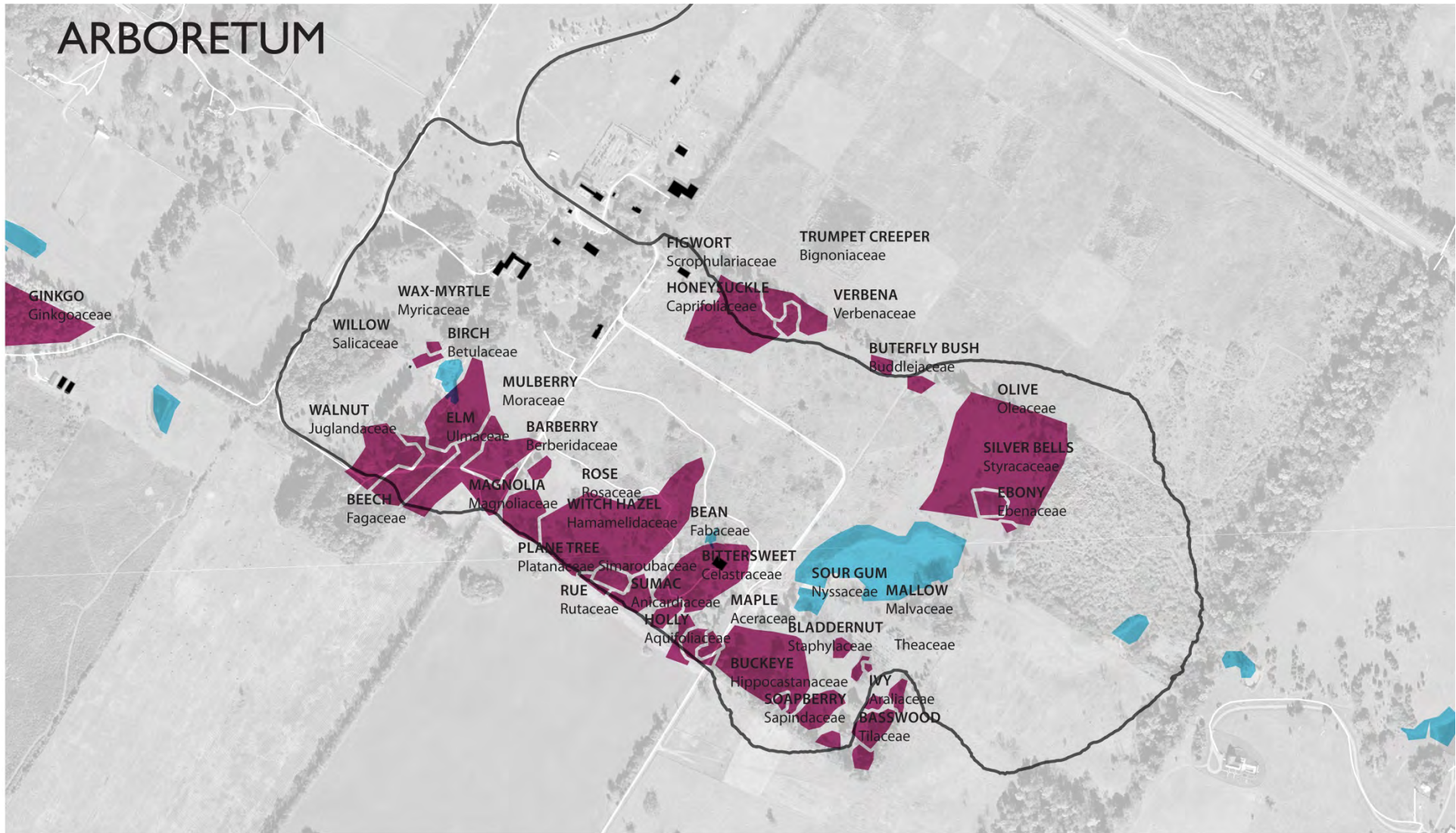
Blandy Experimental Farm Landscape Master Plan Addendum



Blandy Experimental Farm Landscape Master Plan Addendum




700 Acres bequeathed to UVA in 1927 to teach scientific farming



Arboretum Plantings as Identified by Staff, showing Prantl-Engler layout

Orland E. White Arboretum established in 1929 on 172 acres;



Blandy's three- fold mission:




- **UVA Environmental Sciences Research Station**
- **State Arboretum**
- **K-12 Environmental Education**

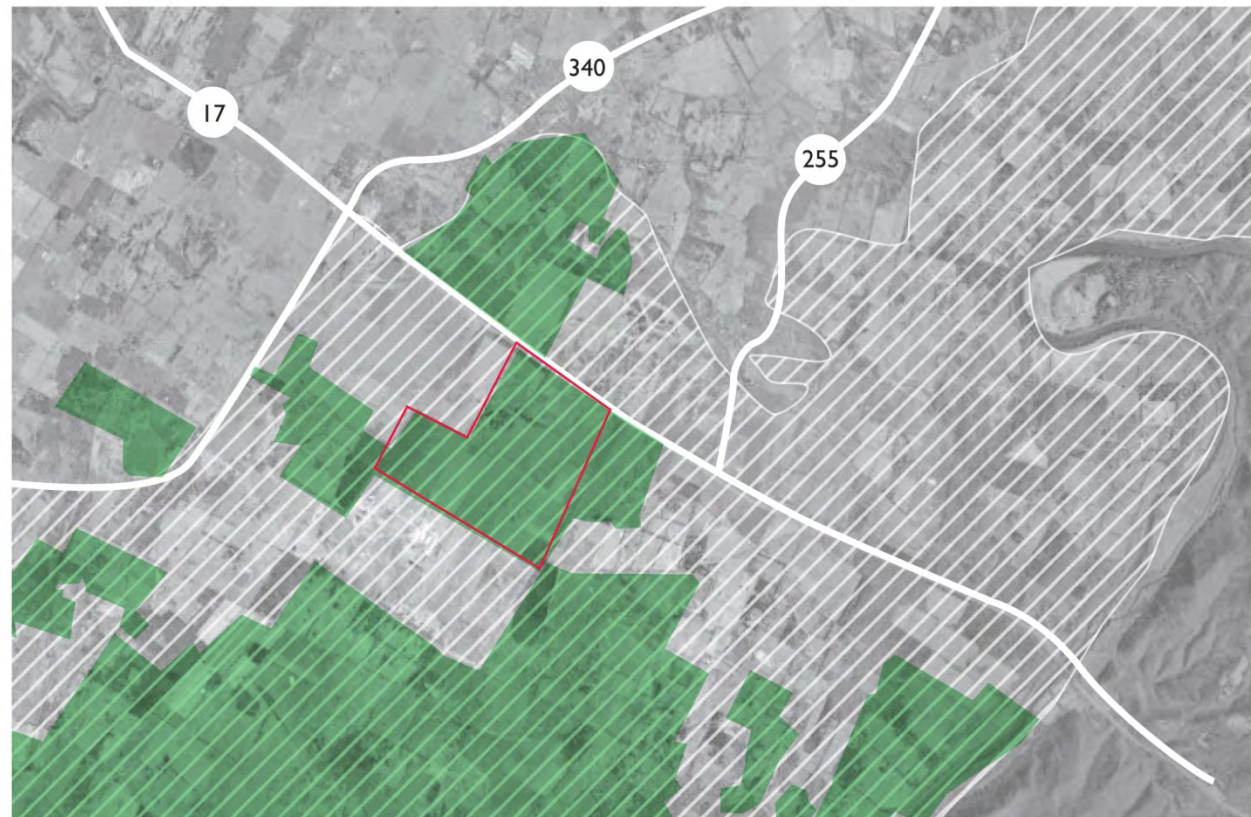


Existing Conditions of Blandy Experimental Research Farm and Arboretum

Blandy Experimental Farm Landscape Master Plan Addendum

Legend

-  Historic Districts
-  Conservation Easements
-  Blandy Experimental Farm



Historic and Conservation Designations Near Blandy



Historic Quarters Building (c. 1825-30) ; 16 other contributing hist. structures



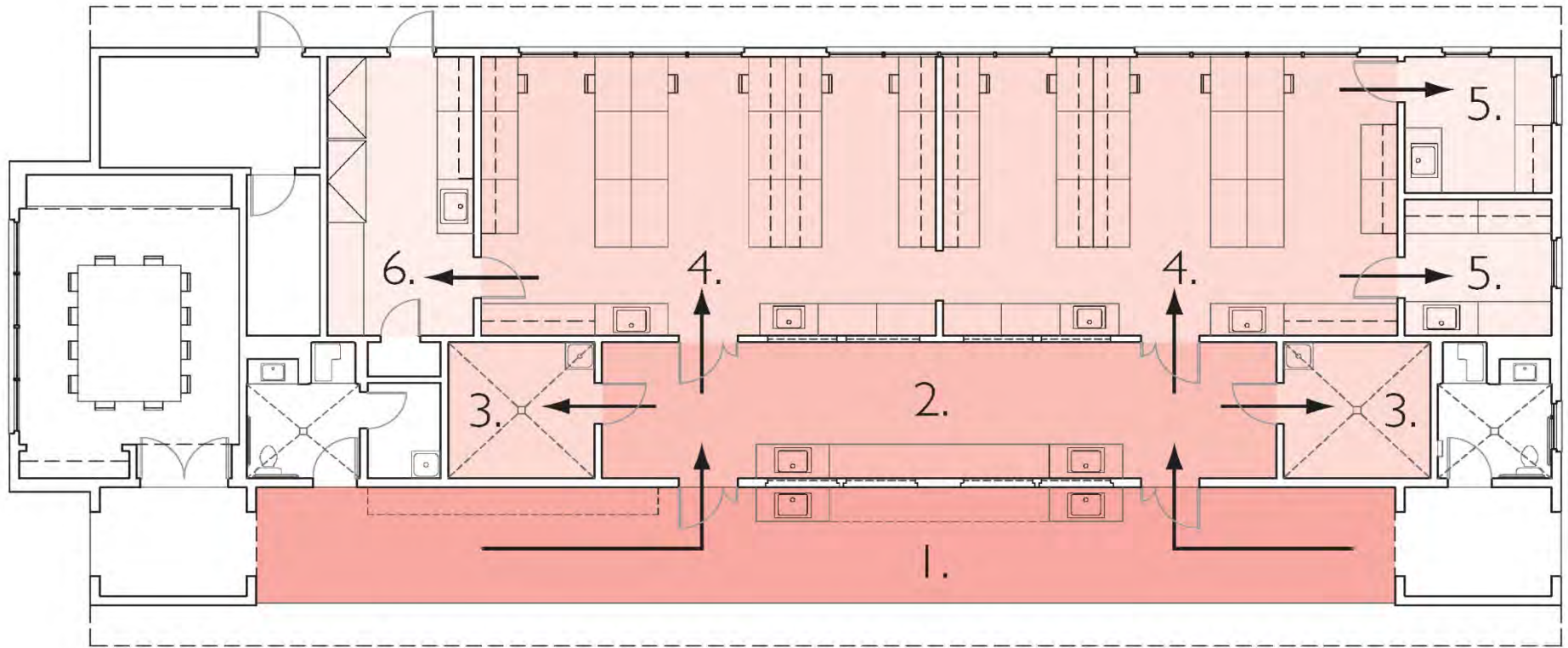
Blandy Experimental Farm Landscape Master Plan Addendum

LEGEND

- 1. The Quarters: Administration
- 2. Classrooms
- 3. Lecture Hall
- 4. Welcome Center
- 5. Research Greenhouses
- 6. Equipment Yard
- 7. Research Laboratory
- 8. Laboratory Expansion
- 9. Research Plots
- 10. Equipment Storage
- 11. Peetwood Pavilion
- 12. School Bus Parking
- 13. Future Expansion
- 14. Visitor Parking (expanded for 60 sp.)
- 15. Picnic Bosque



BLANDY EXPERIMENTAL FARM
EXPANSION CONCEPT PLAN
1"=100'
May, 2010



Flow Diagram showing the movement of raw material through the lab

(showing the gradient of highest concentration of organic material, dark, to lowest, light)

- | | |
|-------------------------------|---|
| 1. Exterior Processing Zone | - Cleaning & sorting in preparation for processing |
| 2. Processing/Equipment Room | - Drying and processing raw material |
| 3. Hot/Cold Environment Rooms | - Housing experiments, controlled environment |
| 4. Main Laboratory Space | - Analysis of data & sorting of processed material |
| 5. Private Laboratories | - Analysis for specialized projects of senior researchers |
| 6. Fume Hood Room | - Single pass air zone w/ strictly contained contaminants |



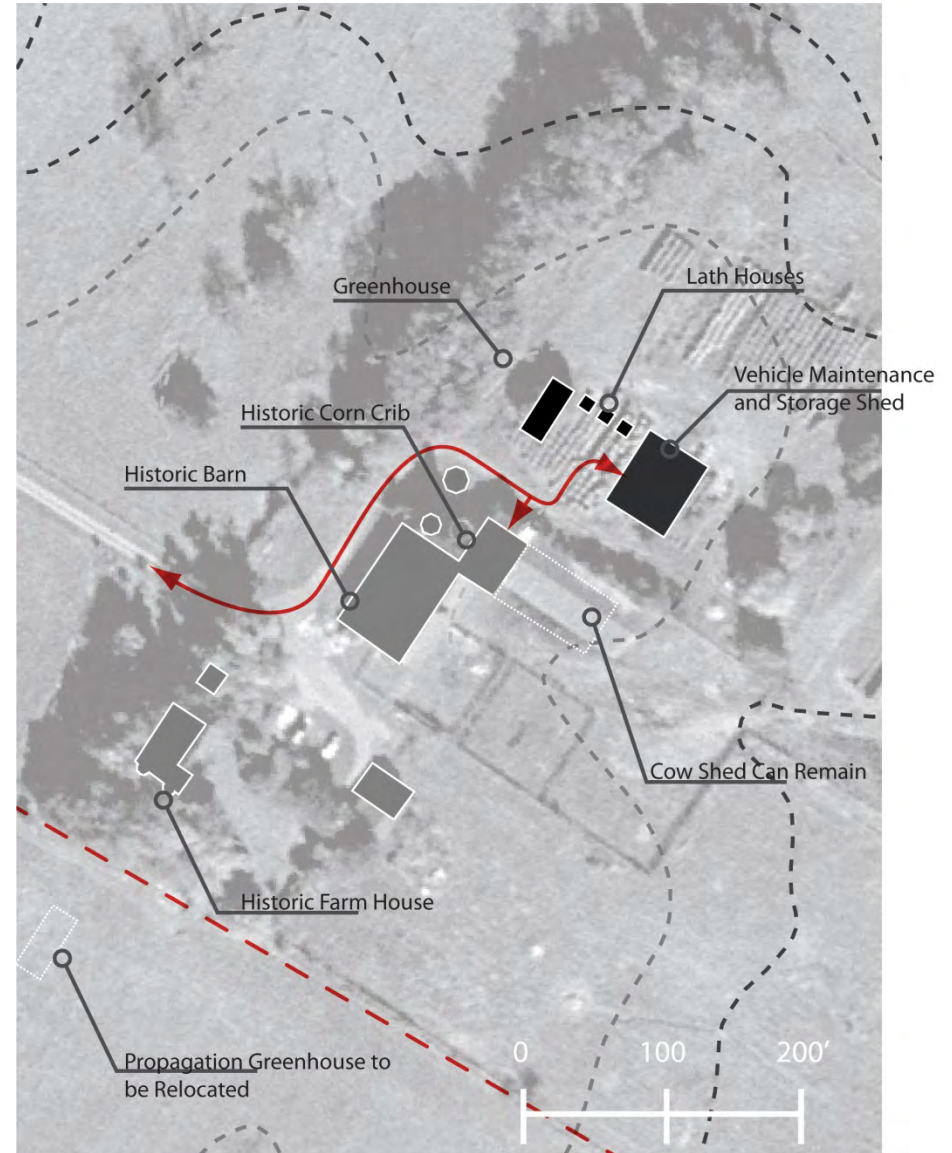
Blandy New Research Laboratory



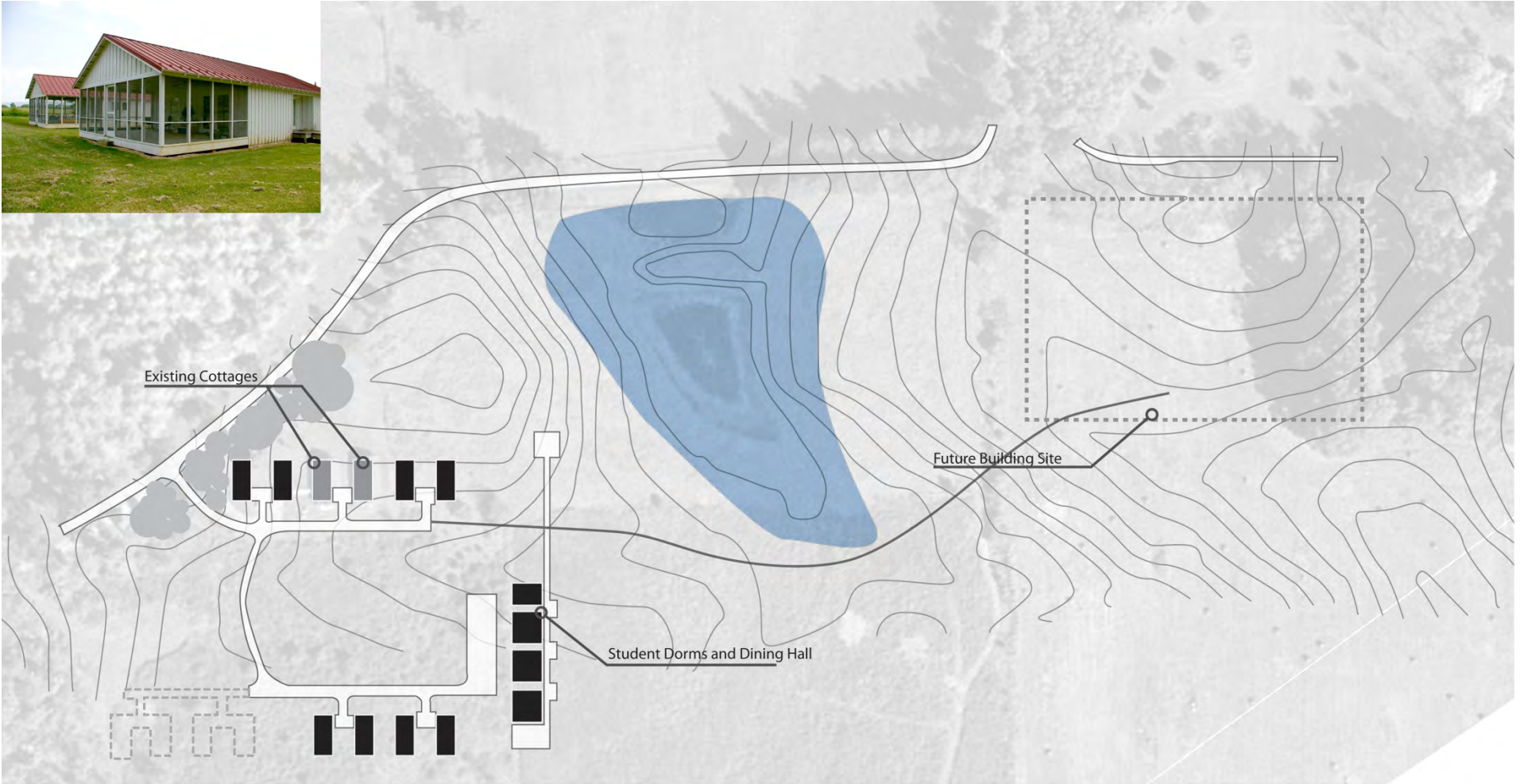
Blandy Experimental Farm Landscape Master Plan Addendum



Relocation of Maintenance Facilities to Garver Farm



New Nursery and Vehicle Maintenance barn



Conceptual Plan for Expansion of Residential Village

Researcher Housing Area expansion



Three Zones of Proposed Entrance Sequence: Woods, Grassland, and Sweetgum Grove

Blandy Experimental Farm Landscape Master Plan Addendum



Blandy Experimental Farm Landscape Master Plan Addendum