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
The Grounds Precincts with Redevelopment Zones

Central Grounds
West Grounds
North Grounds
Current Projects around Grounds

- Track and Field, Phase I
- SEAS Student Projects/FM Shops Building
- Newcomb Hall Renovations and Dining Addition
- Alderman Road Residence Halls, Phase III
- Alderman Road Residence Halls, Phase IV
- New Cabell Hall Renovation
- Hospital Bed Expansion
- Thrust Theatre
- Battle Building
- East Chiller Plant
- Lee Street Entry and Connective Elements
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
- 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
- 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
- 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

Current Projects around Grounds
Thrust Theatre

- Project Cost: $13.5 m
- Architect: William Rawn Associates
- Contractor: Nielson
- 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
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
- 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
- LEED Status: N/A; LEED Target: N/A
Rotunda Restoration: Phase 1 - Roof Replacement

- Project Cost: $4.7m
- Contractor: Gilbane/Christman
- Historic Structure Report: complete
- Construction Start: March 2012; Finish: May 2013
Ruffner Hall Renovation

- Project Cost: $23.7 m
- 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
• 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
• 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
• 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

2012-2018 Six-Year Capital Plan – Education Resource Center
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
• 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

2012-2018 Six-Year Capital Plan – Gilmer Hall and Chemistry Renewal
• 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

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
• Advanced Manufacturing Research Center (AMRC)

Sheffield, England
Development Model

- **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
Best-in-class manufacturers & Virginia’s flagship Universities
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
Design Renderings

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

www.ccam-va.com
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
Blandy Experimental Farm Landscape Master Plan Addendum
700 Acres bequeathed to UVA in 1927 to teach scientific farming
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
Historic and Conservation Designations Near Blandy

Legend
- Historic Districts
- Conservation Easements
- Blandy Experimental Farm
Historic Quarters Building (c. 1825-30) ; 16 other contributing hist. structures
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 Pits
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

Blandy Experimental Farm Landscape Master Plan Addendum
Flow Diagram showing the movement of raw material though 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 New Research Laboratory
Relocation of Maintenance Facilities to Garver Farm
New Nursery and Vehicle Maintenance barn
Researcher Housing Area expansion
Three Zones of Proposed Entrance Sequence: Woods, Grassland, and Sweetgum Grove

Blandy Experimental Farm Landscape Master Plan Addendum