

**UNIVERSITY OF VIRGINIA  
BOARD OF VISITORS  
MEETING OF THE  
BUILDINGS AND GROUNDS  
COMMITTEE  
DECEMBER 9, 2016**

BUILDINGS AND GROUNDS COMMITTEE

Friday, December 9, 2016

8:30 - 10:00 a.m.

Board Room, The Rotunda

Committee Members:

Kevin J. Fay, Chair	Barbara J. Fried
Mark T. Bowles	John G. Macfarlane III
Whittington W. Clement	James B. Murray Jr.
Elizabeth M. Cranwell	James V. Reyes
Thomas A. DePasquale	William H. Goodwin Jr., Ex-officio

AGENDA

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UNIVERSITY OF VIRGINIA  
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: I. Remarks by the Chair

ACTION REQUIRED: None

BACKGROUND: The Committee Chair will provide introductory remarks.

UNIVERSITY OF VIRGINIA  
BOARD OF VISITORS CONSENT AGENDA

II.A. PLAQUE COMMEMORATING UNIVERSITY ALUMNUS WHO DIED IN  
MILITARY SERVICE DURING THE IRAQ WAR

In addition to the Woodrow Wilson memorial plaque, commemorative plaques are placed on the portico level of the Rotunda honoring those associated with the University who were killed in action during the Civil War, World War I, World War II, Korean War, and Vietnam War. One University alumnus, Captain Humayun Saqib Khan, was killed during the Iraq War which officially ended in December 2011. In memory of Captain Khan, the University proposes a new plaque be placed at the Rotunda, reading as follows:

IRAQ WAR  
2003-2011

In memory of  
Humayan Saqib Khan,  
a son of the University,  
who was killed in Iraq in 2004

"He stands in the unbroken line of patriots who dared to die  
that freedom might live"

Presented by the Seven Society

ACTION REQUIRED: Approval by the Buildings and Grounds  
Committee and by the Board of Visitors

PLAQUE COMMEMORATING UNIVERSITY ALUMNUS WHO DIED IN MILITARY  
SERVICE DURING THE IRAQ WAR

WHEREAS, the University has honored alumni killed in action during the Civil War, World War I, World War II, Korean War, and Vietnam War through the placement of plaques at the Rotunda; and

WHEREAS, Captain Humayun Saqib Khan, a member of the University's Class of 2000 and the Army ROTC program, died on June 8, 2004, and was the only University alumnus killed during the Iraq War; and

WHEREAS, the Board of Visitors adopted a memorial resolution in June 2004 honoring Captain Humayun Saqib Khan and the ultimate sacrifice he made for his country;

RESOLVED, the Board of Visitors authorizes the placement of a memorial plaque at the Rotunda in honor of Captain Humayun Saqib Khan, the only University alumnus who died during the Iraq War.

II.B. NAMING: ENTRANCE PLAZA TO THORNTON HALL AS KULLMAN PLAZA

University policy states that names for academic programs, centers, institutes, departments, physical structures, or parts thereof, on the University of Virginia Grounds or property owned by the University of Virginia Foundation or University affiliated foundations, if used by the University, shall be forwarded to the Board of Visitors for final approval, including all open air courtyards and other outdoor areas. The proposed name comes with the recommendation of the Names Committee.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee and by the Board of Visitors

NAMING OF THE ENTRANCE PLAZA TO THORNTON HALL AS KULLMAN PLAZA

WHEREAS, Ellen and Michael Kullman are the parents of two University of Virginia School of Engineering and Applied Science alumni; and

WHEREAS, Mr. and Mrs. Kullman are generous donors to the School, and specifically supported the renovation of the entrance plaza to Thornton Hall; and

WHEREAS, Mr. and Mrs. Kullman remain actively involved in the University community;

RESOLVED, the Board of Visitors names the entrance space to Thornton Hall *Kullman Plaza*.

II.C.1. ARCHITECT/ENGINEER SELECTION: CENTER FOR HUMAN THERAPEUTICS

The University is establishing the Center for Human Therapeutics that will focus on translating cutting-edge biomedical research into new therapeutic options for the treatment of disease. The University recommends the selection of Perkins + Will architects of Washington, D.C. for this contract. Perkins + Will was chosen based on its comprehensive

experience in the design and completion of university research and current Good Manufacturing Practice (cGMP) facilities.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

ARCHITECT/ENGINEER SELECTION FOR THE CENTER FOR HUMAN THERAPEUTICS

RESOLVED, Perkins + Will of Washington, D.C. is approved for performance of architectural services for the Center for Human Therapeutics.

II.C.2. ARCHITECT/ENGINEER SELECTION: BRANDON AVENUE UPPER-CLASS STUDENT RESIDENCE HALL

The University is constructing a new upper-class student residence hall as part of the phased Brandon Avenue redevelopment effort. A joint selection committee from the University of Virginia Foundation, Housing and Residence Life, and the Office of the Architect for the University will be meeting on December 1 to interview five architectural firms from a list of 21 firms that submitted Letters of Interest, all with the required experience working on similar projects, to provide architectural services for this project. Based on the proposals submitted by the firms and the interviews, the selection committee will recommend selection of the most qualified firm for this contract which will be presented to the Committee for approval at the December 9 meeting.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

ARCHITECT/ENGINEER SELECTION FOR THE BRANDON AVENUE UPPER-CLASS STUDENT RESIDENCE HALL

RESOLVED, \_\_\_\_\_ of \_\_\_\_\_ is approved for performance of architectural services for the Brandon Avenue Upper-Class Student Residence Hall.

II.D. CAPITAL PROJECT PROCUREMENT PROCESS

State guidelines regarding construction procurement favor competitive sealed bidding. Many projects at institutions of higher education have become complex; require special expertise and coordination in occupied spaces; and are highly technical in design requiring the use of a construction manager who is often brought on board during the design phase to work with the owner and architect. During the 2016 legislative session, the General Assembly determined that a defined process for procuring construction services when other than competitive sealed bidding needed to be published by each institution with local authority to make this determination.

Item 4-4.01 of the 2016-2018 biennial budget requires the University to develop and submit to the Department of General Services (DGS) for review and recommendations a capital project procurement process which must at a minimum consider cost, schedule, complexity, and building use. The requirement further provides that the University seek approval of the process by the Board of Visitors after review by DGS. The full text of the Capital Project Procurement Process, which incorporates suggested revisions made by DGS, begins on page 22.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee and by the Board of Visitors

CAPITAL PROJECT PROCUREMENT PROCESS

WHEREAS, pursuant to Item 4-4.01 of the 2016-2018 biennial budget the University developed a capital project procurement process that has been reviewed by the Department of General Services (DGS); and

WHEREAS, the 2016-2018 biennial budget further provides that the University seek approval of the process by the Board of Visitors after review by DGS;

RESOLVED, the Board of Visitors approves the University's Capital Project Procurement Process, which is attached to this resolution.

UNIVERSITY OF VIRGINIA  
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: III. Project Approval: Pinn Hall  
Renovation, Third Floor

BACKGROUND: Identified as a critical first enabling project in the Health System Integrated Space Plan, the renovation of Pinn Hall (formerly Jordan Hall) is the initial step in transforming inefficient and poor quality research space. As the on-Grounds research hub of UVA's Health System, renovating Pinn Hall provides a unique opportunity to transform outdated, inefficient experimental labs into state-of-the-art, flexible research space to better support translational science and increase utilization. Strategically located between the Medical Center and the School of Medicine, Pinn Hall, when renovated, will offer a variety of key spaces supporting clinical, computational and experimental research as well as providing education and community spaces, which are sorely lacking in the Health System.

Pinn Hall (Old Jordan Hall) was built in 1971, with an addition (New Jordan Hall) in 1995. At almost 450,000 gross square feet, Pinn Hall is the largest single research building in the University. The original portion of Pinn Hall received infrastructure updates in 2010-2013. Much of the space was not updated, however, and remains in its original state: small, compartmentalized research labs and lab support spaces that are inefficient in supporting modern research. This program would create open lab modules with adequate support space, increase research cores and medical education studios, and provide productive meeting and community areas. Post renovation, Pinn Hall is expected to increase utilization by over 25%.

The first phase of renovation, specifically the third floor of Pinn Hall, increases the capacity for research teams by 30% for retention and recruitment of established researchers until the anticipated new translational research building is completed in four to five years. This is the critical enabling event for the recruitment of four prominent, highly-funded investigators studying cardiovascular and regenerative medicine, and precision medicine to the School of Medicine this year, a key part of the School's strategic hiring initiative, and the University's research enhancement goals. A concrete plan for new space is



vital to ensure successful recruitment and integration with existing faculty and programs.

The School of Medicine gains project efficiencies by merging the construction effort on the third floor with a planned renovation on the second floor to accommodate the Center for Human Therapeutics, the new Good Manufacturing Practice (GMP) facility funded by the State. Disruption to current investigators and programs in the building (there are several highly utilized existing cores-including flow cytometry) will be minimized. The GMP space is a very technical and clean facility, so disruptions, such as heavy renovation directly above, can be costly to research and business operations.

The total renovation of Pinn Hall will be completed in several phases, with the final and largest phase facilitated by the construction of the new translational research building.

DISCUSSION: The University recommends the revision to the Major Capital Projects Program as follows:

*Pinn Hall Renovation, Third Floor*

*Medical Center Cash*

*\$12.0 million*

ACTION REQUIRED: Approval by the Buildings and Grounds Committee and by the Board of Visitors

REVISION TO THE MAJOR CAPITAL PROJECTS PROGRAM - PINN HALL RENOVATION, THIRD FLOOR

WHEREAS, the University recommends the addition of the Pinn Hall Renovation, Third Floor project to the Major Capital Program;

RESOLVED, the Board of Visitors approves the addition of the Pinn Hall Renovation, Third Floor, estimated at \$12 million, to the University's Major Capital Projects Program.

UNIVERSITY OF VIRGINIA  
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: IV.A. Schematic Design Review: Baseball Stadium Expansion

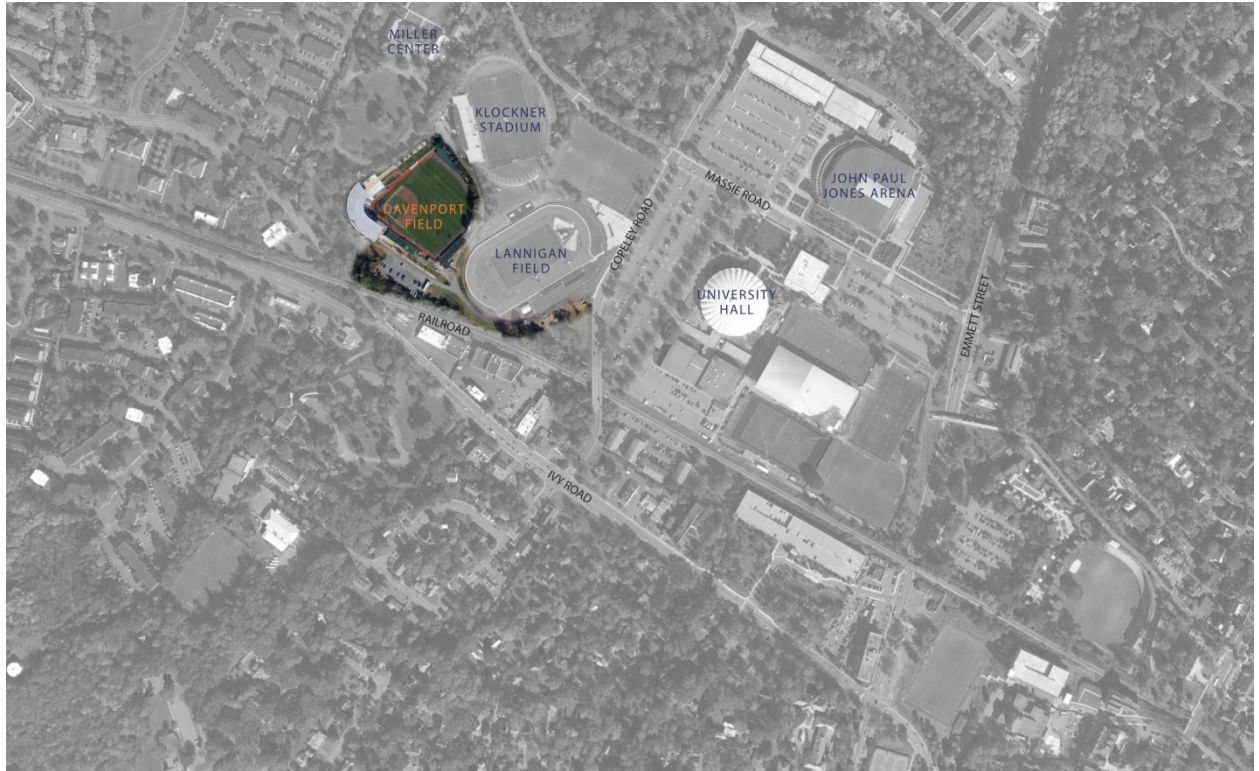
ACTION REQUIRED: None

PROJECT BUDGET: \$12.7 million plus \$3.5 million in infrastructure and safety improvements

BACKGROUND: The University is expanding the baseball stadium at Davenport Field in order to fulfill its programmatic goals. The expansion project will complement the recent past stadium additions and enhancements. Originally approved by the Board of Visitors with a different scope in 2007, this project provides for a 40,000 gross square foot expansion to the existing baseball stadium with over 1,400 new grandstand and club seats to fulfill the baseball program's programmatic goals.

In 2015, Athletics and the Office of the Architect completed an expansion study for the University's Baseball Stadium at Davenport Field which opened in 2002. Building on that effort, the University is pursuing schematic design plans to expand the Stadium's south side along the first baseline to include the addition of permanent grandstand seating. In addition, new restrooms and concession areas will be provided on the upper concourse level. A new operations area on the ground level will help consolidate the coaching and support staff and will be outfitted at a later phase. A new entry plaza and parking lot will enhance fan and VIP game day experience and includes improved ADA parking.

DISCUSSION: The design team led by DLR Group, in collaboration with the Architect for the University, has developed a schematic design. Ms. Raucher will review the design with the Committee.



Vicinity Map



Site Plan



**Existing Right Field Entry View**



**Proposed Right Field Entry View**



Proposed Aerial View

UNIVERSITY OF VIRGINIA  
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: IV.B. Schematic Design Review: Ivy Stacks Expansion

ACTION REQUIRED: None

PROJECT BUDGET: \$7.5 million

BACKGROUND: The expansion of the Ivy Stacks project is needed to enable the renewal of Alderman Library and to allow for future growth of the Library's physical collections that include not only books but special collections and research materials in other formats. An expanded Ivy Stacks will provide flexibility to space planning on Central Grounds, and also the opportunity to create a comprehensive collection on-Grounds that is curated for faculty and student needs.

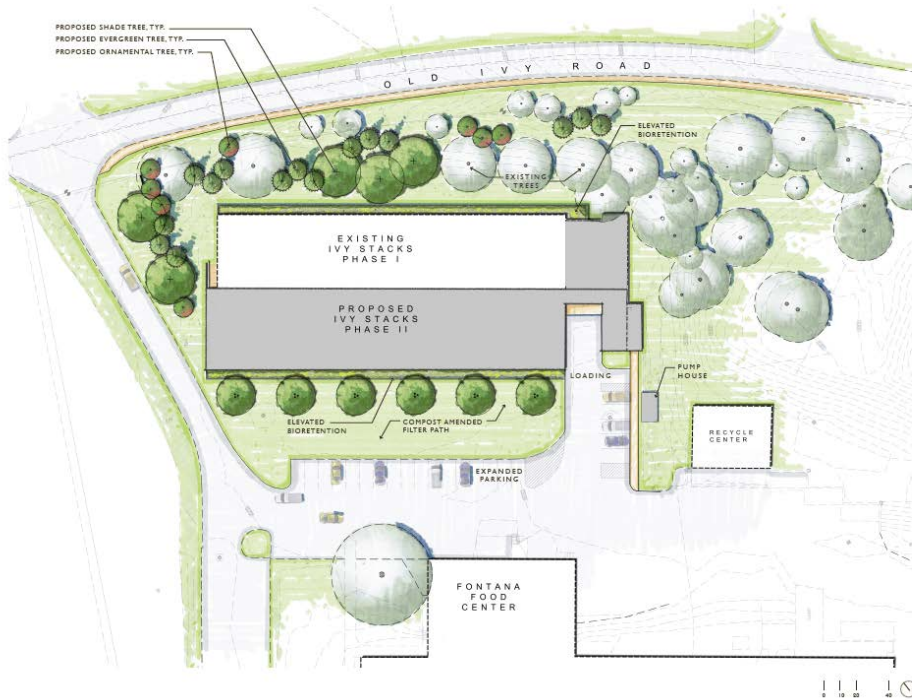
Located about two miles from Grounds on Old Ivy Road, the existing University Library's Ivy Stacks Storage Facility opened in 1996 as an off-site shelving facility for valued but rarely used items for the entire Library system. In 2010-2012, it was retro-fitted to enable more storage, a project that doubled its capacity and ability to serve a Library system whose buildings were nearly at capacity.

The expanded facility will include high-density storage to accommodate the volumes to be relocated from Central Grounds as well as for future growth. It will also provide an opportunity for the Library to collaborate with the College and other schools to determine the best way to deploy library resources and balance the future management and role of the branch spaces. The expansion of Ivy Stacks will also accommodate the housing of additional special collections that are important to University research.

DISCUSSION: The design team led by Facilities Planning and Construction in-house architects, in collaboration with the Architect for the University and representatives of the Library System and Facilities Management, has developed a schematic design. Ms. Raucher will review the design with the Committee.



**Location Map**



**Site Plan**



**View of Existing Building from Ivy Road Looking East**



**View of Proposed Building from Ivy Road Looking East**





**View of Existing Building from Fontana Food Center**



**View of Proposed Building from Fontana Food Center**

UNIVERSITY OF VIRGINIA  
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: IV.C. Schematic Design Review: Old Ivy Road Office Building

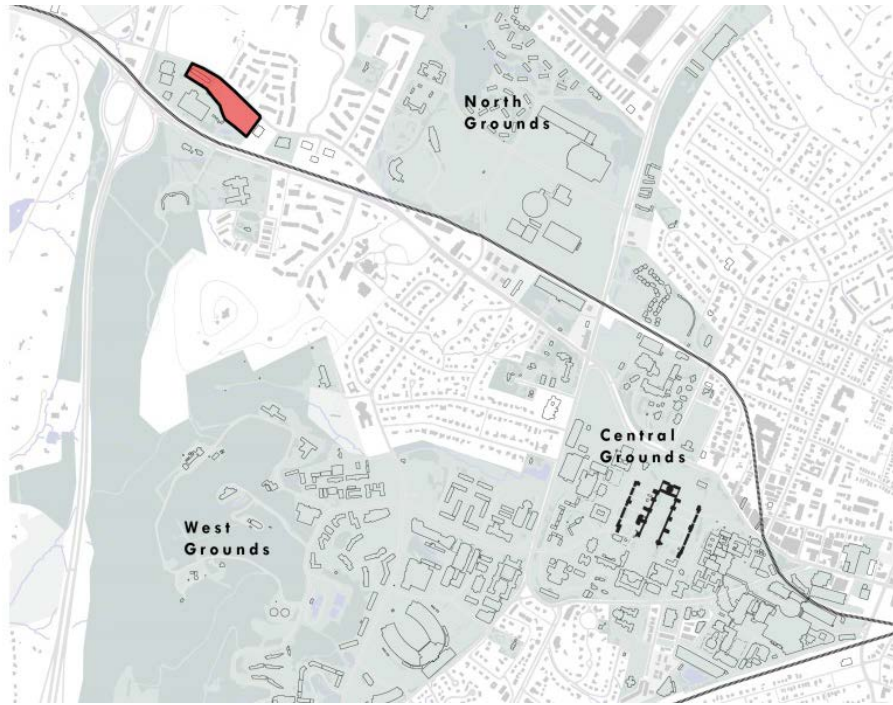
ACTION REQUIRED: None

PROJECT BUDGET: \$30.3 million

BACKGROUND: The approximately 100,000 gross square foot multi-story building will be located northeast of the Fontana Food Building on Old Ivy Road. The building will provide adequate space to relocate various administrative functions currently at the Fontaine Research Park, including University Advancement and University Communications, as well as UVIMCO. The relocation of these units from the research park will free up necessary space for expanded medical clinics and research-related activities. It will also allow University Advancement to be housed in one location as it begins planning for the upcoming capital campaign.

Construction will begin in the first quarter of 2017 and is expected to be completed in 12 months. Design of the new building has been preceded and supported by a site concept design that assessed capacity and parking and is coordinated with the Ivy Stacks Expansion project. As such, the project will also include construction of over 300 parking spaces, extensive stormwater management facilities, a recreation trail/pedestrian walkway that encircles the site and a new entrance on Old Ivy Road to the recycling facility located just to the west of the new building. In addition, two small enabling projects are required: 1) relocation of the Site Material Storage Space currently located on the building site; and 2) reconfiguration of the loading dock at the Fontana Food Building.

DISCUSSION: The design team led by Perkins+Will Architects, in collaboration with the Architect for the University and representatives of the UVA Foundation and Facilities Management, has developed a schematic design. Ms. Raucher will review the design with the Committee.



**Proposed Old Ivy Road Site with Grounds**



**Proposed Fontana Site Plan**



**Existing View of Site from Northwest**



**Proposed View of Site from Northwest**



**Existing View from Ivy Road**



**Proposed View from Ivy Road**

UNIVERSITY OF VIRGINIA  
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: V. Committee Discussion

ACTION REQUIRED: None

Memorial for Enslaved Laborers Planning Efforts

The University is planning to design a memorial to commemorate the contributions of enslaved workers in building and sustaining the University of Virginia. The firm of Howeler + Yoon has been selected to design the project. Ms. Raucher will report on the progress made to date in planning for a Memorial for Enslaved Laborers. Contracts have been awarded to the selected design team. Numerous public engagement sessions have been held in Fall 2016 with the President's Commission on Slavery at the University; various groups of students, faculty, and staff at the University; and the Charlottesville community. Special emphasis has been placed on outreach to African American alumni. Franklin Dukes, Distinguished Institute Fellow with the Institute for Environmental Negotiation (IEN), is organizing and leading the public engagement process to solicit wide-ranging suggestions and commentary from various stakeholder groups.

Sustainability Report

Ms. Sheehy will discuss current and planned activities and initiatives in alignment with the Committee's goal of advancing the University's 2016-2020 Sustainability Plan and establishing the University as a leader in sustainability and energy and environmental stewardship.

WRITTEN REPORTS  
Buildings and Grounds Committee  
University of Virginia

December 9, 2016

## Capital Project Procurement Process

Procedure: Subject to the Management Agreement between the Commonwealth of Virginia and the University of Virginia, the University shall have and shall exercise all authority relating to the procurement of goods, services, insurance, and construction. Procurement procedures for professional and construction services are identified in documentation adopted by the University as approved by the Board of Visitors.

The construction delivery method for a capital project shall be approved in writing by the University of Virginia Associate Vice President and Chief Facilities Officer (AVP & CFO).

A written recommendation for the construction delivery method will be provided to the AVP & CFO through the Director of Facilities Planning & Construction (FP&C) in consultation with the University management team comprised of the University Project Manager, the FP&C Division Director, and the Construction Services and Contract Administration Director. A risk analysis is completed for each project. If competitive sealed bidding is not selected, the written recommendation will justify why sealed bidding is not practicable and/or fiscally advantageous to the University. Written documentation will be in a Determination and Findings format.

Risk Analysis: The following critical components will be considered in recommending the appropriate construction delivery method for each project:

- Risk management and overall benefit to the University
- Technical complexity and building use
- Required experience with specialty systems or equipment
- Schedule, schedule challenges, schedule efficiencies and critical completion dates
- Coordination of phased or fast track construction to expedite overall project completion
- Early procurement of long lead time materials or equipment
- Continuity of university operations and utility systems
- Ability to manage impact to patient care
- Minimizing disruption to academic and research programs
- Campus security and limited access to restricted areas
- Cost and cost efficiencies
- Cost estimating during design
- Cost control during design and construction



- Design phase constructability analysis for improved quality, safety, cost savings and quality control
- Continuous value engineering to balance value, cost, quality and schedule during design and construction
- Project staffing requirements by contractor and university

Related Chapter 780 Requirements:

- Cost and project timeline are critical components of the selection process.
- Construction Management contracts will be initiated no later than the Schematic Phase of design unless prohibited by authorization of funding restrictions.
- The written justification that sealed bidding is not practicable and/or fiscally advantageous shall be stated in the Request for Qualifications used to procure the Construction Management services.
- The University shall post approved capital projects, beginning with those authorized for construction under Chapter 665 of the 2015 Virginia Acts of Assembly, and approved procurement methods and advertise for project delivery services no less than 30 days publicly on the Commonwealth's statewide electronic procurement system and program, eVA. The approved procurement method will be identified in the posting as the category for the solicitation.

References:

- University of Virginia Management Agreement
- University of Virginia Higher Education Capital Outlay Manual
- Chapter 780 (2016 Acts of Assembly), Item 4-4.01

Approval and Revisions:

- July 22, 2016: University of Virginia Construction Method Selection Process submitted for DGS review.
- August 10, 2016: DGS review comments provided to UVa.
- August 24, 2016: "Related Chapter 780 Requirements" section added per DGS recommendations for Board of Visitors approval.

## MAJOR PROJECTS STATUS REPORT October 2016

Authorized June 9, 2016  
Last Update October 2016

Project	Total	Working Budget	Project Approval	Scope	Concept/ Site/Design Guidelines	Architect/ Engineer Selection	Architect/ Address	Schematic Design	Contractor/ Address/ Contract Date	Construction		Comments/Update on Progress
										Start	Complete	

Future budget, scope, and design approval actions by the Board of Visitors highlighted in blue

(TBD until contract awarded)

### University of Virginia, 207 - Academic Division

Authorized Academic Division Projects Under Construction												
Uva-Dominion Virginia Power Ductbank	14,600,000		Jun-15	Interconnect three substations and direct electrical feed to hospital	N/A	Feb-15	Dewberry Engineers	N/A	Faulconer Construction Co., Charlottesville, VA, Jul-16	Aug-16	Jul-17	Construction work began at Fontaine in August 2016. Large quantities of rock are slowing excavation progress.
McCormick Rd Residence Hall	104,700,000	97,925,000	Jun-14	Renovate 10 buildings ; 304,000 GSF	Jun-14	Jun-14	Clark Nexsen, Norfolk VA	Sep-15	Barton Malow - Charlottesville VA	May-16	Aug-20	Utility and Sitework Phase is complete. Early Main Package construction work to begin in early December (limited to unoccupied attic areas only). Full project construction pricing is due mid-November. First Phase of Main Construction is scheduled to begin in May 2017.
Gilmer Hall and Chemistry Building Renovation	186,831,000		Jun-15	Gilmer Hall 194,068 GSF ; Chemistry Bldg 230,674 GSF	Jun-14	Jun-14	Perkins + Will, Washington DC	Mar-15	Whiting-Turner Contracting Co., Richmond, VA	TBD	TBD	Revised Funding Report adjusting funding split. Design advancing to CDs for Chemistry Bldg.
Inn at Darden Renovation	13,800,000		Nov-15	Interior Renovation ; 75,000 GSF	TBD	Feb-16	Glave' & Holmes, Richmond VA	Apr-16	Gilbane Building Company - CM at Risk with Design Phase Sves.	Jul-17	Dec-17	Project cancelled to allow Darden to further master plan and determine unified strategic vision.
Gooch Dillard Residence Hall Renovation Phases II/III	32,000,000	\$25,000,000	Sep-14	120,000 gsf	N/A	Nov-14	VMDO Architects, Charlottesville VA	N/A	New Atlantic Contracting	May-15	Aug-17	Phase II construction is 100% complete. Phase III is completing demolition and starting the renovation. It is 30% complete.
<b>Subtotal Authorized Projects Under Construction</b>	<b>\$ 351,931,000</b>											

**MAJOR PROJECTS STATUS REPORT  
OCTOBER 2016**

Last Update October 2016		Future budget, scope, and design approval actions by the Board of Visitors highlighted in blue											Comments/Update on Progress
Project	Total	Working Budget	Project Approval	Scope	Concept/ Site/Design Guidelines	Architect/ Engineer Selection	Architect/ Address	Schematic Design	Contractor/ Address/ Contract Date	Construction			
										Start	Complete		
<b>Authorized Academic Division Projects in Planning</b>													
2016-18 Maintenance Reserve	\$ 8,225,514		May-16									FY16 GF Carryover + FY17 Appropriation	
Center for Human Therapeutics	8,145,000		Sep-15		n/a, ren. with no ext. impact	review: Dec-16	TBD	TBD	TBD	TBD	TBD		
Alderman Library Renewal - Ivy Stacks Expansion	7,500,000		Jun-15	20,000 GSF closed stacks to hold approx. 3M volumes	Jun-16	Jun-16	UVA FM Design Group Charlottesville, VA	review: Dec-16 approve: Mar-17	TBD	TBD	TBD	In Schematic Design	
Contemplative Sciences Center Facility	53,300,000		Jun-15	40,000-60,000 GSF New Construction	orig: 6/14/2014 revised review: Jun-16	Apr-16	Aidin Darling, San Francisco, CA	TBD	TBD	TBD	TBD	Concept Design in progress, complete in Dec 2016	
Baseball Stadium Expansion	12,660,000		Jun-15	40,000 GSF w/ 1,4000 new seats	TBD	Jun-16	DLR Group of Omaha, NE	review: Dec-16	Martin Horn, Charlottesville, VA	Jun-17	Feb-18	SD submission 9/20/2016; working through cost estimates and value management.	
Old Ivy Road Office Building	27,000,000		Jun-16 revised: Sep-16	100,000 GSF	Jun-16	Jun-16	Perkins + Will Washington, DC	review: Dec-16	TBD	TBD	TBD		
International Residential College Renovation	16,000,000		Sep-16	87,350 GSF	TBD	Oct-17	Clark Nexsen, Raleigh, NC	TBD	TBD	May-17	TBD	CM at Risk with Design Phase services procurement in process. Interviews on 12/6/2016.	
Upperclass Housing	31,000,000		Apr-13		TBD	review: Dec-16	TBD	TBD	TBD	TBD	TBD		
Laboratory Renovations for new faculty hires	4,300,000		Jun-15		TBD	TBD	TBD	TBD	TBD	TBD	TBD	11 Sub Projects in BCOM cost review	
SEAS: Systems Upgrades at Clean Room - Thornton Hall C Wing	18,000,000	9,050,000	Sep-15	9,000 GSF	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
<b>Subtotal Authorized Projects in Planning</b>	<b>\$ 186,130,514</b>												
<b>Other Authorized Academic Division Projects, Near Term (through June 30, 2018)</b>													
2016-18 Maintenance Reserve	8,961,551		May-16									FY18 Appropriation	
Alderman Library Renewal Ph I - Planning (Less Ivy Stacks Expansion)	7,500,000		Jun-15	300,000 GSF	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
Physics Building Renewal - Planning	2,000,000		Jun-15		TBD	TBD	TBD	TBD	TBD	TBD	TBD		
Frank Batten School of Leadership and Public Policy	-		Jun-16	50,000 GSF Cost TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
Elson Student Health Center	-		Jun-16	70,000 GSF Cost TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
Memorial for Enslaved Laborers	-		Jun-16	Cost TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
Center for Politics	14,000,000		Jun-16	12,400 GSF	TBD	TBD	TBD	TBD	TBD	TBD	TBD		
<b>Subtotal Other Authorized Projects, Near Term</b>	<b>\$ 32,461,551</b>												

**MAJOR PROJECTS STATUS REPORT  
OCTOBER 2016**

Last Update October 2016		Working Budget	Project Approval	Scope	Concept/ Site/Design Guidelines	Architect/ Engineer Selection	Architect/ Address	Schematic Design	Contractor/ Address/ Contract Date	Construction		Comments/Update on Progress
Project	Total									Start	Complete	

Future budget, scope, and design approval actions by the Board of Visitors highlighted in blue (TBD until contract awarded)

<b>Other Authorized Academic Division Projects, Long Term (July 1, 2018 - Beyond)</b>												
2018-20 Maintenance Reserve	\$	19,500,000		Jun-15								n/a, maintenance reserve
2020-22 Maintenance Reserve		20,700,000		Jun-15								n/a, maintenance reserve
Alderman Library Renewal Ph I - Construction (Less Ivy Stacks Expansion)		145,000,000		Jun-15	2018-20	TBD	TBD	TBD	TBD	TBD	TBD	
Physics Building Renewal - Construction		33,000,000		Jun-15	2018-20	TBD	TBD	TBD	TBD	TBD	TBD	
Medical Research Building No. 4 Renovations		43,000,000		Sep-15	2018-20	TBD	TBD	TBD	TBD	TBD	TBD	
Bayly Building Addition/Renovation		28,000,000		Jun-15	2018-20	TBD	TBD	TBD	TBD	TBD	TBD	
Anheuser-Busch Coastal Research Center - Phase II		6,280,000		Jun-15	2018-20	TBD	TBD	TBD	TBD	TBD	TBD	
Fiske Kimball Fine Arts Library		18,710,000		Jun-15	2018-20	TBD	TBD	TBD	TBD	TBD	TBD	
New Music Building		52,100,000		Jun-15	2018-20	TBD	TBD	TBD	TBD	TBD	TBD	
North Grounds to Old Ivy Ductbank		5,600,000		Jun-15	2018-20	TBD	TBD	TBD	TBD	TBD	TBD	
Old Cabell Hall Renewal		41,800,000		Jun-15	2020-Beyond	TBD	TBD	TBD	TBD	TBD	TBD	Planning complete; on hold
Drama Building: Phase II South Addition		17,862,750		Jun-15	2020-Beyond	TBD	TBD	TBD	TBD	TBD	TBD	
Science & Engineering Plant: Replace Chemistry Chillers		23,060,000		Jun-15	2020-Beyond	TBD	TBD	TBD	TBD	TBD	TBD	
<b>Subtotal Other Authorized Projects, Long Term</b>	<b>\$</b>	<b>454,612,750</b>										

<b>Acad Div Major Capital Projects program</b>	<b>\$</b>	<b>1,025,135,815</b>
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**University of Virginia, 209 - Medical Center**

<b>Authorized Medical Center Projects Under Construction</b>													
Deferred Maintenance Umbrella: Hospital HVAC Phase III / Phase IV		28,000,000		Apr-09		N/A	May-12	Leach Wallace Ellridge MD	n/a replacement with no ext. impact	Donley's/ McCarthy, Richmond, VA 6/11/14	Pkg 1 Jun-15 Pkg 2 Sept-15	Pkg 1 Apr-16 Pkg 2 Oct-16	Package IA is 100% complete. / Package 1B is 90% complete. / Phase IV design is completed. Phase III construction to be complete in November. Phase IV selection pending funding approval.
University Hospital Renovations (Levels 7 & 8)		20,000,000		Apr-13	53,000 gsf renovation	n/a, ren. with no ext. impact	Sep-13	HKS, Richmond, VA	n/a no exterior impact	DPR Construction Glen Allen, VA 12/3/14	May-16	Sep-18	Construction is 18% complete.
University Hospital Expansion - MRI Relocation -Emergency Department (ED) -Interventional Program (OR) -Bed Tower (BT)		391,600,000		Apr-13	MRI Relocation, Emergency Dept., Interventional Program, Bed Tower	ED/OR/BT Jun-14 MRI Sep-14	ED/OR/BT Nov-13	Perkins + Will, Washington DC	ED/OR/BT review: Mar-15 approval: Jun-15	Skanska USA Building, Inc. Durham, NC 07/17/14	May-16	Sep-20	MRI Relocation is 100% complete. UIHE construction is 13% complete.
Outpatient Procedure Center Renovation	\$	13,000,000		Sep-14	33,000 gsf renovation	n/a, ren. with no ext. impact	Approval Mar-15	Hord Coplan Macht, Alexandria, VA	n/a, ren. with no ext. impact	Whiting, Turner Contracting, Co. Richmond, VA 07/27/15	Jun-16	Mar-17	Construction is 9% complete.

**MAJOR PROJECTS STATUS REPORT  
OCTOBER 2016**

Last Update October 2016												
Project	Total	Working Budget	Project Approval	Scope	Concept/ Site/Design Guidelines	Architect/ Engineer Selection	Architect/ Address	Schematic Design	Contractor/ Address/ Contract Date	Construction		Comments/Update on Progress
										Start	Complete	
Future budget, scope, and design approval actions by the Board of Visitors highlighted in blue												
500 Ray C. Hunt Drive Acquisition & Renovation (clinic space)	35,000,000		Nov-14	59,000 gsf renovation	TBD	Nov-14	Hammel, Green, Abrahamson, Inc. Alexandria VA	TBD	Gilbane Building, Co. Richmond, VA 07/14/15	Jun-16	Oct-17	Construction is 7% complete.
Education Resource Center	30,050,000		Apr-13 revised : Nov-13	45,900 gsf new	Feb-13	Feb-13	CO Architects, Los Angeles, CA	review: Sep-13 approval: Nov-13	Donley's /McCarthy, Collinsville, IL 09/15/13	Dec-14	Jan-17	Construction is 88% complete.
<b>Subtotal Authorized Projects Under Construction</b>	<b>\$ 517,650,000</b>											
<b>Authorized Medical Center Projects in Planning</b>												
Deferred Maintenance 10 Year Plan Master -Less HVAC II, III & IV, Emer Power	82,300,000		Apr-09		Umbrella	Umbrella	Umbrella	Umbrella	Umbrella	Umbrella	Umbrella	Umbrella Project. Subs: 1) HVAC Ph II 2) HVAC PH III 3) HVAC PH IV
<b>Subtotal Authorized Projects in Planning</b>	<b>\$ 82,300,000</b>											
<b>Other Authorized Medical Center Projects, Near Term (through June 30, 2018)</b>												
545 Ray C. Hunt Renovation (clinic space)	10,120,000		Jun-15		TBD	TBD	TBD	TBD				
Emily Couric Clinical Cancer Center 4th Floor Fit-Out	7,060,000		Jun-15		TBD	TBD	TBD	TBD				
Medical Center Data Center	22,980,000		Jun-15		TBD	TBD	TBD	TBD	TBD	TBD	TBD	
<b>Subtotal Other Authorized Projects, Near Term</b>	<b>\$ 40,160,000</b>											
<b>Med Ctr Major Capital Projects Program</b>	<b>\$ 640,110,000</b>											

