

**UNIVERSITY OF VIRGINIA
BOARD OF VISITORS**

**Meeting of the
Buildings and Grounds
Committee**

March 2, 2023

Buildings and Grounds Committee

Thursday, March 2, 2023

2:45-3:45 p.m.

Board Room, The Rotunda

Committee Members:

Robert D. Hardie, Chair	U. Bertram Ellis
Louis S. Haddad, Vice Chair	Stephen P. Long, MD.
Robert M. Blue	The Honorable L.F. Payne
Mark T. Bowles	Amanda L. Pillion
Elizabeth M. Cranwell	Whittington W. Clement, Ex-officio
Thomas A. DePasquale	Lily A. Roberts, Student Representative

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**UNIVERSITY OF VIRGINIA
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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
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COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.A.1. Naming: Frank M. Sands Sr. (MBA '63) and Marjorie R. Sands Hotel at Darden and Conference Center for Lifelong Learning/The Forum Hotel

BACKGROUND: University policy states that names for academic units, programmatic initiatives, and physical structures and spaces on the University of Virginia Grounds or property owned or leased by the University of Virginia or a University-Associated Organization, if used by the University, shall be approved by the Board of Visitors. The proposed name is recommended by the University's Naming and Memorials Committee and by President Ryan.

In December 2022, the Board of Visitors approved the formal naming of the redeveloped hotel at Darden as the Frank M. Sands Sr. (MBA '63) Hotel at Darden and Conference Center for Lifelong Learning, in recognition of Mr. Sands' transformational gift of \$68M to the Darden School, the largest single gift in Darden's history. The Board also approved The Forum Hotel as the informal, marketing name for the facility. The hotel is scheduled to open in spring 2023.

DISCUSSION: The Darden School and Foundation seek to revise the formal name of the hotel to include the name of Mr. Sands' late wife, lifelong educator Marjorie R. Sands. Mr. Sands made the gift to support Darden's hotel redevelopment and the Sands Institute for Lifelong Learning in Mrs. Sands' honor. If approved, the formal name will be Frank M. Sands Sr. (MBA '63) and Marjorie R. Sands Hotel at Darden and Conference Center for Lifelong Learning.

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

NAMING OF THE FRANK M. SANDS SR. (MBA '63) AND MARJORIE R. SANDS HOTEL AT DARDEN AND CONFERENCE CENTER FOR LIFELONG LEARNING/THE FORUM HOTEL

WHEREAS, in December 2022, the Board of Visitors approved the Frank M. Sands Sr. (MBA '63) Hotel at Darden and Conference Center for Lifelong Learning as the formal name of the redeveloped hotel at the Darden School of Business, in recognition of Mr. Sands' transformational gift in support of the Darden School; and

WHEREAS, Mr. Sands made the gift in honor of his late wife, lifelong educator Marjorie R, Sands;

RESOLVED, the Board of Visitors approves Frank M. Sands Sr. (MBA '63) and Marjorie R. Sands Hotel at Darden and Conference Center for Lifelong Learning as the revised formal name of the hotel; and

RESOLVED FURTHER, the Board of Visitors confirms The Forum Hotel as the marketing name of the hotel.

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COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.A.2. Naming: Altec/Styslinger Foundation Bar Terrace, Altec/Styslinger Foundation Terrace, Altec/Styslinger Foundation Rooftop Terrace, and Altec/Styslinger Foundation Bar and Lobby

BACKGROUND: University policy states that names for academic units, programmatic initiatives, and physical structures and spaces on the University of Virginia Grounds or property owned or leased by the University of Virginia or a University-Associated Organization, if used by the University, shall be approved by the Board of Visitors. The proposed name is recommended by the University's Naming and Memorials Committee and by President Ryan.

Mark J. Styslinger is co-chairman of Altec Inc., a leading provider of products and services to the electric utility, telecommunications, tree care, lights and signs, and contractor markets. The company delivers products and services in more than 100 countries and was founded by the Styslinger Family in 1929. Mr. Styslinger is a trustee of the Darden School Foundation Board of Directors. He earned a B.B.A in 1987 from the Southern Methodist University Cox School of Business. Mr. Styslinger's wife, Jennifer Overstreet Styslinger, earned a B.B.A. from the Cox School of Business in 1986. They reside in Birmingham, Alabama, and have four children. Their son, Mac, earned a B.A. in Economics from UVA in 2016 and an M.B.A. from the Darden School in 2021. Their daughter Claudia graduated from UVA in 2017 with a double bachelor's degree in French Language & Literature and Foreign Affairs. Their daughter Stella earned a B.A. in American Studies from UVA in 2021.

Mr. Styslinger has been a generous supporter of the University, including gifts to the Darden School, College & Graduate School of Arts & Sciences, Athletics, and the Parents Fund. He is a member of the University's Oculus Society and Rotunda Society, as well as a member of the Darden Society at the Executive Circle Level and the Darden Principal Donors Society at the Madison Level. The Altec/Styslinger Foundation is recognized as a Darden Principal Donor at the Madison level.

Mr. Styslinger's father, Lee Styslinger Jr. was the founder of Altec Inc. He and his wife, Catherine Styslinger, have been recognized for their philanthropic efforts and commitment to a number of charities in Central Alabama, as well as throughout the communities that Altec serves. In 1997, Lee and Catherine Styslinger established the Altec/Styslinger Foundation with the vision and purpose of improving the communities throughout the country in which Altec team members live and work. Specifically, the

Altec/Styslinger Foundation focuses on contributions that enable education opportunities, workforce development, and economic growth in the communities served by Altec.

DISCUSSION: The Darden School and Darden School Foundation seek the Board's approval to name the following areas in the newly redeveloped hotel at Darden, in recognition of philanthropic support from Mark Styslinger and the Altec/Styslinger Foundation. With these proposed namings, Mr. Styslinger wishes to honor his parents, Lee and Catherine, as well as his son, Mac.

- **Altec/Styslinger Foundation Bar and Lobby:** Located prominently in the hotel main entrance facing Massie Road; the bar will serve guests in the lobby as well as the restaurant.
- **Altec/Styslinger Foundation Bar Terrace:** An outdoor terrace on the main level of the hotel, adjacent to the lobby bar overlooking the Arboretum & Botanical Gardens.
- **Altec/Styslinger Foundation Terrace:** Previously referred to as the Belvedere Terrace, a large outdoor terrace on the ground level, directly outside the atrium and across from the tiered classroom. It is a premiere event space with a central view of the Arboretum & Botanical Gardens.
- **Altec/Styslinger Foundation Rooftop Terrace:** A fifth-floor covered hospitality terrace overlooking the front of the hotel with a view toward Monticello that will be used as private event space.

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

NAMING OF THE ALTEC/STYSLINGER FOUNDATION BAR AND LOBBY, ALTEC/STYSLINGER FOUNDATION BAR TERRACE, ALTEC/STYSLINGER FOUNDATION TERRACE, AND ALTEC/STYSLINGER FOUNDATION ROOFTOP TERRACE

WHEREAS, Mark J. Styslinger is a UVA parent and a trustee of the Darden School Foundation Board of Directors; and

WHEREAS, Mr. Styslinger and the Altec/Styslinger Foundation have been generous supporters of areas across the University;

RESOLVED, in recognition of philanthropic support from Mr. Styslinger and the Altec/Styslinger Foundation, the Board of Visitors approves the naming of the Altec/Styslinger Foundation Bar and Lobby, Altec/Styslinger Foundation Bar Terrace, Altec/Styslinger Foundation Terrace, and Altec/Styslinger Foundation Rooftop Terrace, and offers profound thanks to Mr. Styslinger and the Altec/Styslinger Foundation.

**UNIVERSITY OF VIRGINIA
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BOARD MEETING: March 2, 2023

COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.A.3. Naming: The Connection Bridge at the Darden Arboretum

BACKGROUND: University policy states that names for academic units, programmatic initiatives, and physical structures and spaces on the University of Virginia Grounds or property owned or leased by the University of Virginia or a University-Associated Organization, if used by the University, shall be approved by the Board of Visitors. The proposed name is recommended by the University’s Naming and Memorials Committee and by President Ryan.

Steve Voorhees is a 1980 graduate of the UVA Darden School of Business, and currently serves as CEO of WestRock Company, which provides paper and packaging solutions in consumer and corrugated markets. He earned a bachelor’s degree in economics and mathematics from Northwestern University. He and his wife, Celia, reside in Atlanta and have four children, including Darden alum Paul Voorhees (2014).

DISCUSSION: In June 2022, the UVA Board of Visitors approved the naming of the bridge connecting the Darden parking garage to the redeveloped hotel complex as the Voorhees Bridge Canopy Walk. This naming recognized Steve’s and Celia’s generous gifts to the Darden hotel project, as well as their overall philanthropic support of Darden, which includes giving to faculty and research initiatives and unrestricted support for the Darden Annual Fund and endowment. At the donors’ request, the Darden School and Darden School Foundation seek Board of Visitors’ approval to rename the Voorhees Bridge Canopy Walk as The Connection Bridge.

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

NAMING OF THE CONNECTION BRIDGE AT THE DARDEN ARBORETUM

WHEREAS, Steve Voorhees is a 1980 graduate of the UVA Darden School of Business; and

WHEREAS, Mr. Voorhees and his wife, Celia, are UVA parents and generous supporters of the Darden School of Business whose philanthropy includes giving to the Inn at Darden Redevelopment Project, faculty and research initiatives, and unrestricted support;

RESOLVED, in recognition of Mr. & Mrs. Voorhees' philanthropy, the Board of Visitors approves the naming of The Connection Bridge at the Darden Arboretum and Botanical Gardens; and

RESOLVED FURTHER, the Board, the University, and the Darden School of Business offer profound thanks to Mr. and Ms. Voorhees for their generous support.

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COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.A.4. Naming: Carl Mason Franklin Footbridge at the Darden Arboretum

BACKGROUND: University policy states that names for academic units, programmatic initiatives, and physical structures and spaces on the University of Virginia Grounds or property owned or leased by the University of Virginia or a University-Associated Organization, if used by the University, shall be approved by the Board of Visitors. The proposed name is recommended by the University's Naming and Memorials Committee and by President Ryan.

Professor Larry Franklin is a visiting professor and scholarship donor at the Darden School of Business; he has taught 14 courses at Darden and 10 courses at the UVA Law School. Mr. Franklin is Adjunct Professor of Finance, Management and Business Law at Hong Kong University of Science & Technology in Hong Kong. He has also taught at MIT Sloan School of Management, Northwestern University Kellogg School of Management, Stanford University, and University of Chicago Booth School of Business, as well as various institutions in China and Russia. Mr. Franklin spent 25 years in financial services with First Chicago, AIG, and venture capital firm Hutchison Whampoa. He and his wife, Mei Kwong, reside in Hong Kong.

DISCUSSION: Through the Morris S. Smith Foundation, Mr. Franklin and his family have been generous supporters of the Darden School, including gifts to the Darden hotel project as well as establishing and contributing to various endowed scholarships and fellowships. He is recognized as a member of the Darden Society at the Executive Circle level and as a Principal Donor at the Colonnade level.

In recognition of Mr. Franklin's philanthropy, the Darden School and Darden School Foundation seek the Board of Visitors' approval to name a stone footbridge spanning the central pond in the Darden Arboretum the Carl Mason Franklin Footbridge, in honor of Mr. Franklin's father, Carl Franklin.

Carl Franklin studied law at UVA after World War II on the GI Bill. After graduating from the UVA School of Law in 1948, he served as Professor of Law and Vice President for Academic Affairs at the University of Oklahoma, then as Professor of Law and Vice President at the University of Southern California until his death in 2004 at age 93. In his lifetime, he earned six degrees: B.A. in Accounting, University of Washington (1931); M.A. in Economics, Stanford University (1935); M.A. in Higher Education Administration, Columbia University (1939); M.B.A., Harvard University (1940); J.D., UVA (1948); and J.S.D (Doctor of Juridical Science), Yale University (1956). In 1998, at his 50th year UVA Law

class reunion, he established an endowed scholarship fund, as well as an endowment fund to provide the annual Carl Mason Franklin Prize for the UVA Law student with the highest first-year grade point average.

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

NAMING OF THE CARL MASON FRANKLIN FOOTBRIDGE AT THE DARDEN ARBORETUM

WHEREAS, Larry Franklin is a visiting professor at the Darden School of Business; and

WHEREAS, Mr. Franklin has been a generous supporter of the Darden School and has established and contributed to various endowed scholarships and fellowships; and

WHEREAS, Mr. Franklin's father, Carl Franklin, was a 1948 alum of the UVA Law School, had a long, prestigious career in legal education, and was also a donor to the Law School; and

WHEREAS, the Darden School seeks to recognize Mr. Franklin's philanthropy and his wish to honor his father by naming a bridge in the Darden Arboretum;

RESOLVED, the Board of Visitors approves the naming of the Carl Mason Franklin Footbridge; and

RESOLVED FURTHER, the Board, the University, and the Darden School offer profound thanks to Larry Franklin for his generous support.

**UNIVERSITY OF VIRGINIA
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COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.B.1. Demolition of Communications Shed at Zehmer Hall

BACKGROUND: The communications shed is located on a former home site that was removed to construct Zehmer Hall. Some time ago, the structure was repurposed for telecommunications use but is no longer functioning in this capacity.

DISCUSSION: The building is difficult to access, and since it is no longer in use, has become a burden. Given its small size and location, it is best that it be removed.

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

DEMOLITION OF COMMUNICATIONS SHED AT ZEHMER HALL

WHEREAS, agency 207, building # 0206 (the "Structure") has reached the end of its useful life and due to size, age, and location, re-purposing for another use is not a viable solution; and

WHEREAS, pursuant to the Management Agreement, dated November 15, 2005, by and between the Commonwealth of Virginia and The Rector and Visitors of the University of Virginia, as amended, and subject to review by the Art and Architectural Review Board and the Department of Historic Resources and compliance with such general laws as may be applicable, the Board of Visitors is authorized to approve the demolition of buildings;

RESOLVED, the demolition of the Structure is approved by the Board of Visitors, pending approval by the Art and Architectural Review Board and the Department of Historic Resources and compliance with such general laws as may be applicable; and

RESOLVED FURTHER, the Executive Vice President and Chief Operating Officer is authorized, on behalf of the University, to approve and execute such documents and to take such other actions as deemed necessary and appropriate in connection with the demolition of the Structure; and

RESOLVED FURTHER, all prior acts performed by the Executive Vice President and Chief Operating Officer, and other officers and agents of the University, in connection with the demolition of the Structure, are in all respects approved, ratified, and confirmed.

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COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.B.2. Demolition of Townhomes at The University of Virginia's College at Wise

BACKGROUND: The townhomes are located across from the College at Wise campus on Darden Drive NE just north of the Darden Drive and Stadium Drive intersection. There are ten units, each consisting of two, double-occupancy bedrooms; together the units have a total capacity to house 40 students. Due to structural concerns, electrical issues, and moisture infiltration, the College removed the townhomes from service in 2013.

DISCUSSION: The townhomes have continued to deteriorate since being removed from service. Several instances of vagrancy have occurred, which can lead to fire hazards and other potential liability concerns. The building fronts on a major thoroughfare by campus and aesthetically detracts from the area. Demolition of the facility will reduce liability for the College, improve the viewshed, and present an opportunity for green space, future development, or a potential sale of the land.

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

DEMOLITION OF THE TOWNHOMES AT THE UNIVERSITY OF VIRGINIA'S COLLEGE AT WISE

WHEREAS, Agency 246, building # 8337 (the "Structure") has reached the end of its useful life, and due to age and condition, renovation is not an economically viable alternative; and

WHEREAS, pursuant to the Management Agreement, dated November 15, 2005, by and between the Commonwealth of Virginia and The Rector and Visitors of the University of Virginia, as amended, and subject to review by the Art and Architectural Review Board and the Department of Historic Resources and compliance with such general laws as may be applicable, the Board of Visitors is authorized to approve the demolition of buildings;

RESOLVED, the demolition of the Structure is approved by the Board of Visitors, pending approval by the Art and Architectural Review Board and the Department of Historic Resources and compliance with such general laws as may be applicable; and

RESOLVED FURTHER, the Executive Vice President and Chief Operating Officer is authorized, on behalf of the University, to approve and execute such documents and to take such other actions as deemed necessary and appropriate in connection with the demolition of the Structure; and

RESOLVED FURTHER, all prior acts performed by the Executive Vice President and Chief Operating Officer, and other officers and agents of the University, in connection with the demolition of the Structure, are in all respects approved, ratified, and confirmed.

**UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY**

BOARD MEETING: March 2, 2023

COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.C.1. Concept, Site, and Design Guidelines: Institute of Biotechnology

BACKGROUND: In September 2018, the Buildings and Grounds Committee approved a long-term master plan to guide near-term and long-term development at Fontaine Park. The plan was guided by the following principles:

- Enhance access to care and improve patient experience around evolving population health principles.
- Develop a vision for infrastructure and facilities needed to create a patient-friendly, translational research, and innovative community.
- Develop connectivity to Grounds and within Fontaine Park.
- Develop options to begin replacing outdated clinical and research infrastructure on Grounds and at Fontaine.

The near-term plan included developing transit, parking and amenities, a central road to assist with wayfinding, and new research and academic facility development. The plan identified sites for new research and clinical facilities in distinct neighborhoods. The proposed Institute of Biotechnology will be located adjacent to other research buildings in one such neighborhood to create synergies, complementing and expanding the research laboratories, vivarium, and core facilities in this area of Fontaine.

The Institute of Biotechnology will be a highly efficient, state-of-the-art facility that will:

- Provide modern, flexible, modular, multi-use research laboratory and support space. The Institute will have the necessary research laboratory infrastructure to accommodate a wide range of disciplines, including neuroscience, bioengineering, and medicinal chemistry.
- Develop a cGMP/viral vector unit that will have the capacity to manufacture both cell and protein-based investigational therapies, as well as viral vectors for researchers and partnering biotechnology companies.
- Expand imaging and animal research core facilities already located at Fontaine Park. The Institute will have a direct connection to the underground Life Sciences Annex (LiSA), accessing existing critical infrastructure and expanding much needed animal holding and enhanced imaging.

DISCUSSION: The Office of the Architect has prepared the concept, site, and design guidelines for the Institute of Biotechnology that Ms. Raucher will review with the Committee.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

CONCEPT, SITE, AND DESIGN GUIDELINES FOR THE INSTITUTE FOR BIOTECHNOLOGY

RESOLVED, the concept, site, and design guidelines for the Institute of Biotechnology, prepared by the Architect for the University, are approved.

Institute of Biotechnology Concept, Site, and Design Guidelines

A) Proposed Project Concept

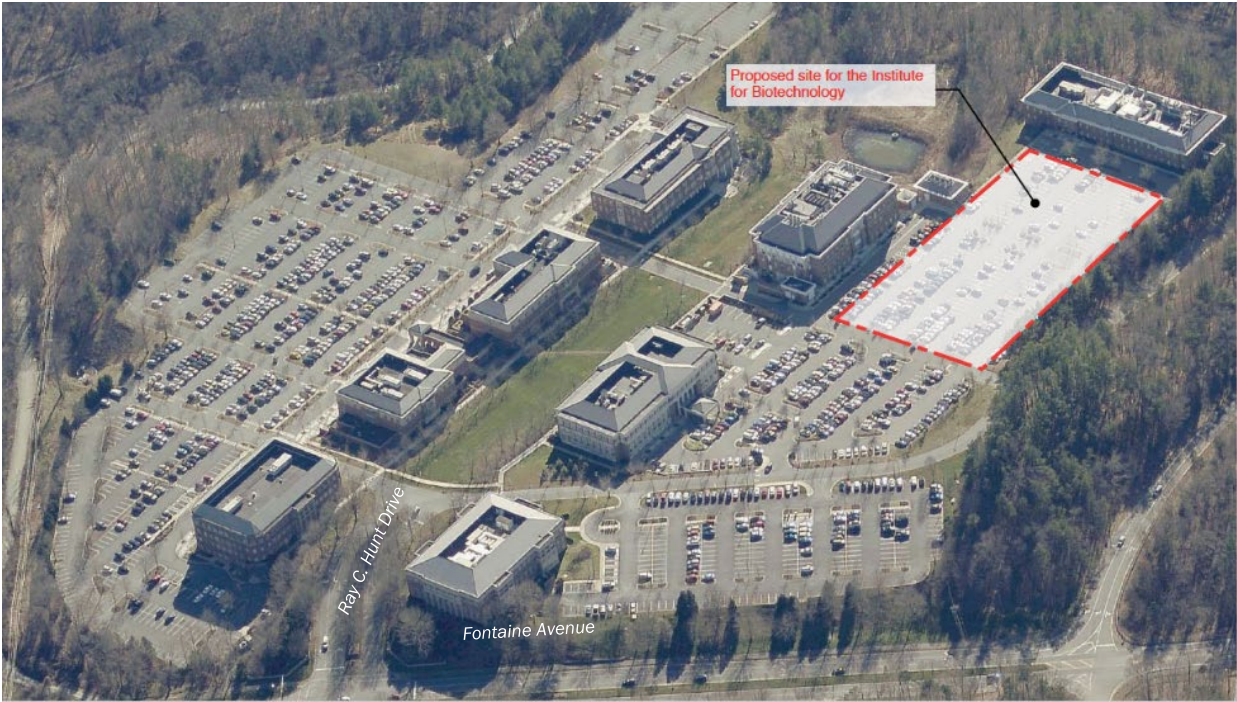
The proposed site for the new Institute of Biotechnology is within Fontaine Park, just north of Aurbach and west of Snyder Research Building, sited on existing surface parking. The 250-350K GSF facility is currently anticipated to include flexible, modular multi-use experimental research and support space to accommodate a broad range of disciplines; a cGMP manufacturing core; a vivarium; an advanced imaging core; and conferencing, seminar, and building amenity space.

B) Siting Criteria

The University of Virginia general siting criteria for all new facilities include the components listed below. The site is consistent with the 2018 Fontaine Master Plan, approved by the Board in September 2018. Those highlighted are the most pertinent in determining the siting recommendation for the Institute of Biotechnology:

- **Conforms with overall land use plan and district/area plans (2018 Fontaine Research Park Master Plan).**
- **Reinforces functional relationships with other programs, capitalizes on existing investments in core facilities, and is compatible with other neighboring uses.**
- **Maximizes infill opportunities to utilize land resources and existing infrastructure.**
- **Minimizes site-development costs including extension of utilities, access, mass grading, etc.**
- **Minimizes opportunity cost (i.e., value of this use and size versus other alternatives).**
- **Provides a size that will accommodate current and future growth.**
- Allows for incorporating sustainability measures including connecting to the Central Energy & Utility Plant which will be fed by geothermal wells; and improving energy efficiency via the Smart Labs program.
- Avoids unnecessary environmental impacts including significant tree removal.
- Allows aesthetic character as appropriate for the intended use.
- **Minimizes time for implementation of project.**

C) Proposed Site



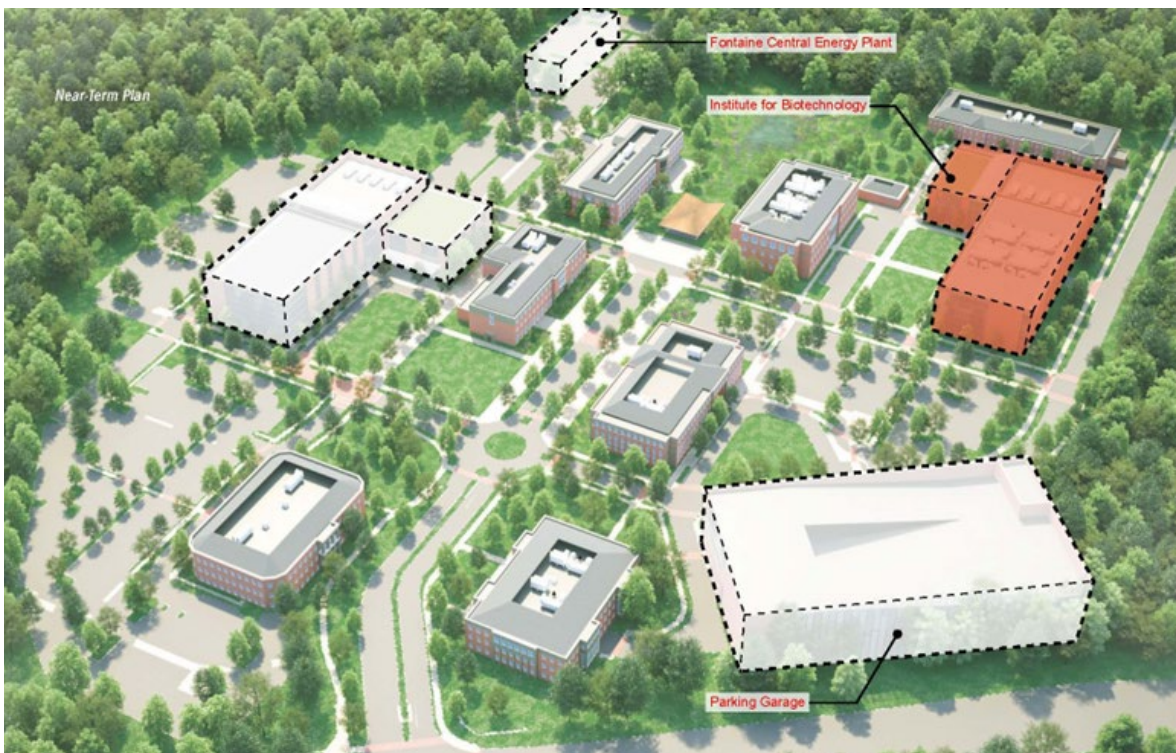
Existing conditions at Fontaine Park with proposed site for the Institute of Biotechnology



Existing view looking south towards proposed site for the Institute of Biotechnology



Aerial view of the near-term Fontaine Master Plan



Aerial view of the near-term master plan with proposed site for the Institute of Biotechnology



Near-term master plan with proposed site for Institute of Biotechnology



Perspective view looking southwest to the proposed site

D) Design Guidelines

Site Planning

- Continue to reference the guiding principles and patterns of place-making that have distinguished the University since its founding.
- Locate entrances and exits to foster strong pedestrian connections within the Park and to transit.
- Work with the existing grade changes to ensure that each facade has a comfortable and appropriate scale.
- Recognize that this building is not an isolated structure but will form part of a larger grouping of research and clinical buildings that are intended to create a collective sense of community, offer shared resources, and build on the University tradition of placing mixed uses in harmonious relation to the landscape.

Storm water

- Storm water management will be designed holistically for the park and in keeping with the Fontaine Master Plan.

Circulation and Parking

- Accommodate pedestrian and bicycle movement between the Institute for Biotechnology and the new transit stop and parking garage as well as to other facilities at the Park.
- Provide clear wayfinding for staff and visitors.

Architecture

- Work with the grade of the site to allow for a more pedestrian scale structure facing towards Snyder and Aurbach.
- The exterior envelope of the building should be constructed of quality materials that are contextual with other University buildings at the Park.
- The façades facing internally to the Park should have welcoming entrances.
- Integrate basic tenets of sustainable design and attain LEED Certification as a minimum.

Landscape

- Planning and design of the project landscape should be consistent with the Fontaine Master Plan.
- Provide appropriate and safe levels of lighting in accordance with University standards.
- Provide screening for service areas.
- Provide landscape connections towards Snyder and 415 Ray C. Hunt Drive.

Review and Compliance

The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.

**UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY**

BOARD MEETING: March 2, 2023

COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.C.2. Concept, Site, and Design Guidelines: Fontaine Research Park Roadway Infrastructure and Parking Garage

BACKGROUND: In September 2018, the Buildings and Grounds Committee approved a long-term master plan to guide near-term and long-term development at Fontaine Park. The plan was guided by the following principles:

- Enhance access to care and improve patient experience around evolving population health principles.
- Develop a vision for infrastructure and facilities needed to create a patient-friendly, translational research, and innovative community.
- Develop connectivity to Grounds and within Fontaine Park.
- Develop options to begin replacing outdated clinical and research infrastructure on Grounds and at Fontaine.

The near-term plan included developing transit, parking and amenities, a central road to assist with wayfinding, and new research and academic facility development. The plan identified the need for a new parking garage to accommodate the near-term development of the park.

DISCUSSION: The Office of the Architect has prepared the concept, site, and design guidelines for the Fontaine Research Park Roadway Infrastructure and Parking Garage that Ms. Raucher will review with the Committee.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

**CONCEPT, SITE, AND DESIGN GUIDELINES FOR THE FONTAINE RESEARCH PARK
ROADWAY INFRASTRUCTURE & PARING GARAGE**

RESOLVED, the concept, site, and design guidelines for the Fontaine Infrastructure & Parking Garage, prepared by the Architect for the University, are approved.

Fontaine Research Park Roadway Infrastructure & Parking Garage Concept, Site, and Design Guidelines

A) Proposed Project Concept

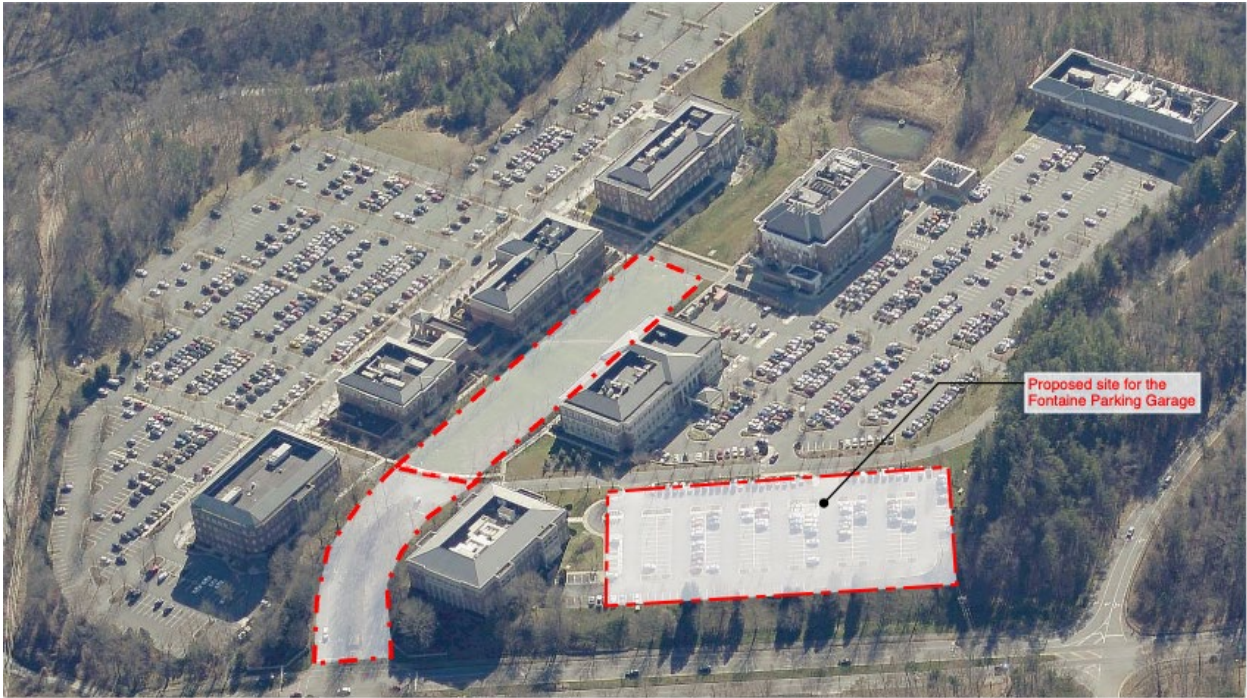
The proposed site for the new Fontaine Parking Garage is just south of Fontaine Avenue, adjacent to 400 Ray C. Hunt. The parking deck will be sited on existing surface parking and will be visible from Fontaine Avenue. The roadway infrastructure components include an improved entry road and roundabout that will enable UTS service, enhanced bicycle and pedestrian accommodations, a central spine road for improved wayfinding, and a new transit stop to provide direct and reliable connections to Grounds and the Health System.

B) Siting Criteria

The University of Virginia general siting criteria for all new facilities include the components listed below. Those highlighted are the most pertinent in determining the siting recommendation for the Fontaine Infrastructure & Parking Garage.

- **Conforms with overall land use plan and district/area plans (2018 Fontaine Research Park Master Plan).**
- **Provides improved access for pedestrian, bicycle, and vehicular traffic including transit.**
- **Maximizes infill opportunities to utilize land resources and existing infrastructure.**
- **Minimizes site-development costs including extension of utilities, access, mass grading, etc.**
- **Minimizes opportunity cost (i.e., value of this use and size versus other alternatives).**
- **Provides a size that will accommodate interim intercept parking needs and near-term parking needs for the Park.**
- Allows for incorporating sustainability principles including potential geothermal wells beneath the structure.
- Avoids unnecessary environmental impacts including significant tree removal.
- Allows site visibility and aesthetic character as appropriate for the intended use.
- **Minimizes time for implementation of project.**

C) Proposed Site



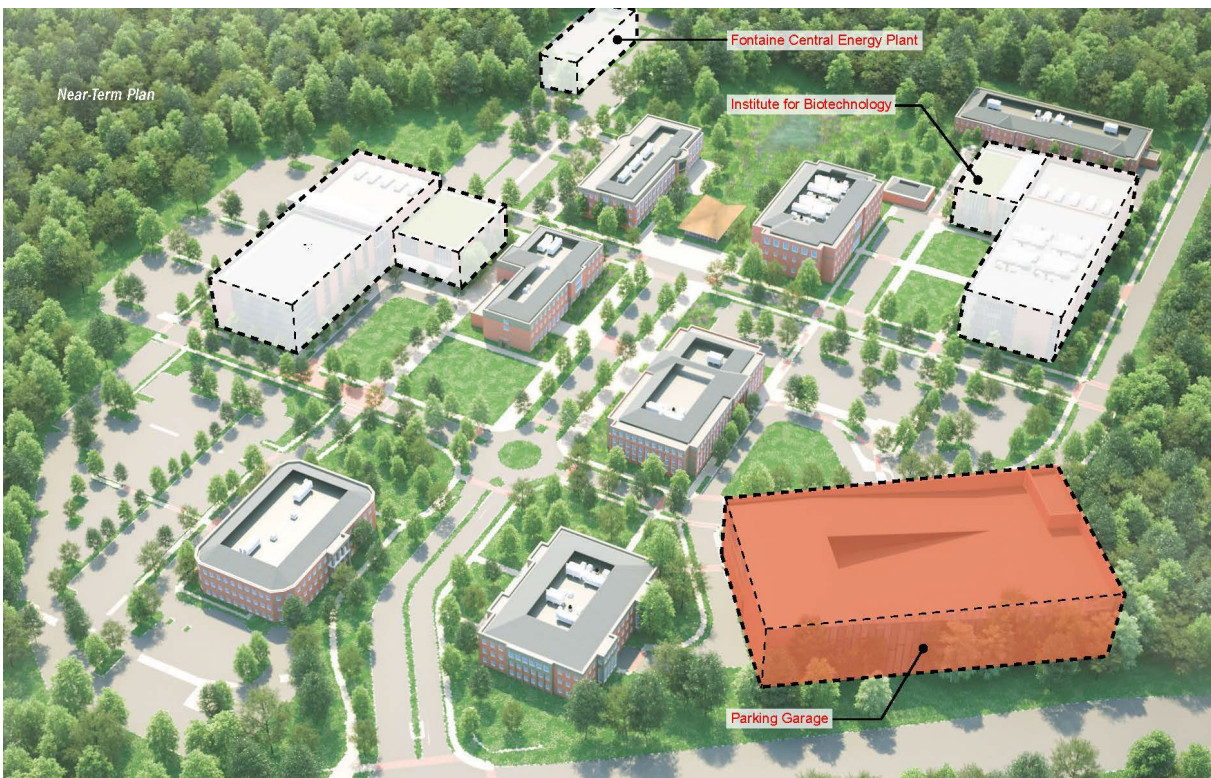
Aerial view of Fontaine Park showing proposed site for Fontaine Infrastructure & Parking Garage



View looking east towards proposed site for the Fontaine Parking Garage



Approved near-term Fontaine master plan



Near-term master plan with proposed site for the Fontaine Parking Garage



Near-term master plan with proposed site for the Fontaine Parking Garage



View of proposed new roundabout and central spine road upon entering Fontaine Park



Plan view of the proposed site for the entry road, roundabout, transit stop, central spine road, and parking garage

D) Design Guidelines

Site Planning

- Continue to reference the guiding principles and patterns of place-making that have distinguished the University since its founding.
- Locate entrances and exits place to foster strong pedestrian connections within the Park and to transit.
- Work with the existing grade changes to ensure that the street-side façade has a comfortable and appropriate scale.
- Recognize that this building is not an isolated structure but will form part of a larger grouping of academic and clinical buildings that are intended to create a collective sense of community, offer shared resources, and build on the University tradition of placing mixed uses in harmonious relation to the landscape.

Storm water

- Storm water management will be designed holistically for the park and in keeping with the Fontaine Master Plan.

Circulation and Parking

- Accommodate pedestrian and bicycle movement between the Fontaine Garage and a new transit stop on the west side of Ray C. Hunt Drive and to other facilities at the Park.
- Provide Health System intercept parking in the near-term, transitioning to staff parking for the Park once the Institute of Biotechnology is complete.

- Provide clearer wayfinding for patients and visitors via an improved entry drive and roundabout.

Architecture

- Work with the grade of the site to allow for a more pedestrian scale structure along Ray C. Hunt Drive with a taller façade along Fontaine Avenue.
- The exterior envelope of the building should be constructed of quality materials that are contextual with other University buildings at the Park.
- The façades facing Ray C. Hunt Drive should have welcoming entrances.
- Integrate basic tenets of sustainable design and attain LEED Certification as a minimum.

Landscape

- Planning and design of the project landscape should be consistent with the Fontaine Master Plan.
- Provide appropriate and safe levels of lighting in accordance with University standards.
- Provide screening for service areas.
- Provide landscape connections to the future transit stop on the west side of the entry road and towards 415 Ray C. Hunt Drive.

Review and Compliance

The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.

**UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY**

BOARD MEETING: March 2, 2023

COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.C.3. Concept, Site, and Design Guidelines: Fontaine Central Energy Plant and Utilities

BACKGROUND: In September 2018, the Buildings and Grounds Committee approved a long-term master plan to guide near-term and long-term development at Fontaine Park. The plan was guided by the following principles:

- Enhance access to care and improve patient experience around evolving population health principles.
- Develop a vision for infrastructure and facilities needed to create a patient-friendly, translational research, and innovative community.
- Develop connectivity to Grounds and within Fontaine Park.
- Develop options to begin replacing outdated clinical and research infrastructure on Grounds and at Fontaine.

The near-term plan included developing transit, parking and amenities, a central road to assist with wayfinding, and new research and academic facility development to be served by a centralized energy plant. The master plan examined stand-alone energy systems versus a centralized approach, recommending the latter as the most economical and sustainable approach for meeting the energy needs of new facilities and renewing existing facilities. The Fontaine Central Energy Plant (FCEP) will demonstrate the University's commitment to being a leader in next-generation district energy systems, utilizing thermal energy generation and distribution technology including geothermal storage, low-temp hot water distribution, and heat recovery chillers. The use of these technologies will make this the first "zero combustion" fossil fuel free Central Energy Plant on Grounds.

DISCUSSION: The Office of the Architect has prepared the concept, site, and design guidelines for the Fontaine Central Energy Plant that Ms. Raucher will review with the Committee.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

CONCEPT, SITE, AND DESIGN GUIDELINES FOR THE FONTAINE CENTRAL ENERGY PLANT

RESOLVED, the concept, site, and design guidelines for the Fontaine Central Energy Plant, prepared by the Architect for the University, are approved.

Fontaine Central Energy Plant Concept, Site, and Design Guidelines

A) Proposed Project Concept

Phase 1 of the Fontaine Central Energy Plant (FCEP) and underground utility distribution will initially serve thermal utilities (heating and cooling) to the new Institute of Biotechnology building and will be expandable to serve other buildings in the Fontaine Park. The proposed site for the FCEP is located at the southeast parking lot of Fontaine Park, adjacent to 500 Ray C. Hunt Drive. The site allows the building to be tucked away from public visibility while maintaining adequate service and emergency drives. Utilizing thermal energy generation, a geothermal well field of approximately 150-200 wells will be located beneath the adjacent parking lot to the northwest.

B) Siting Criteria

The University of Virginia general siting criteria for all new facilities include the components listed below. Those highlighted are the most pertinent in determining the siting recommendation for the Fontaine Central Energy Plant.

- **Conforms with overall land use plan and district/area plans (2018 Fontaine Research Park Master Plan)**
- **Reinforces functional relationships with other components of the same department or program and is compatible with other neighboring uses.**
- **Satisfies access requirements – pedestrian, bicycle, vehicular, and service.**
- **Maximizes infill opportunities to utilize land resources and existing infrastructure.**
- Minimizes site-development costs including extension of utilities, access, loss of parking, mass grading, etc.
- **Minimizes opportunity cost (i.e., value of this use and size versus other alternatives).**
- **Provides a size that is adequate, but not excessive, for initial program, future expansion, and ancillary uses.**
- **Allows for incorporating sustainability principles in terms of solar orientation, reuse of historic structures, storm water management, etc.**
- **Avoids unnecessary environmental impacts including significant tree removal or filling of existing stream valleys.**
- **Allows site visibility and aesthetic character as appropriate for the intended use.**
- Minimizes time for implementation of project.

C) Proposed Site



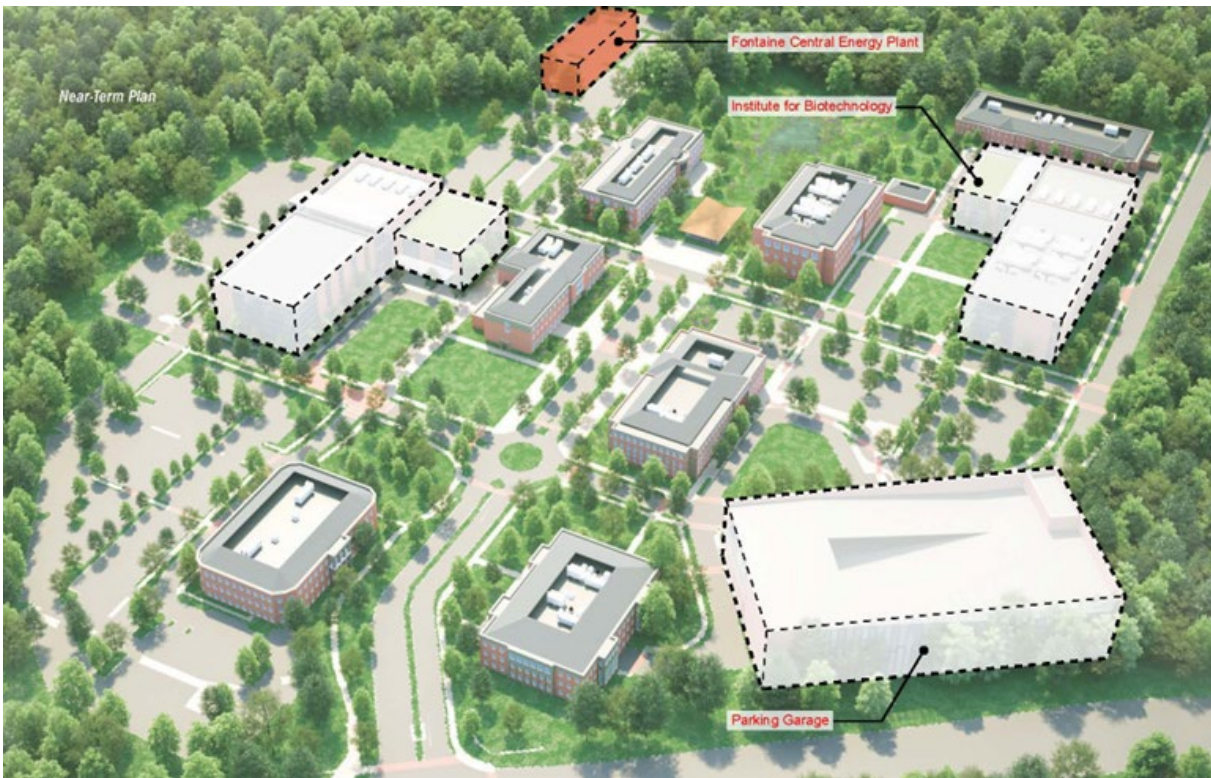
Existing conditions at Fontaine Park with proposed site for the FCEP



View looking south at proposed site for the FCEP



Approved near-term Fontaine Master Plan



Near-term master plan with proposed site for the FCEP



Proposed site plan for the FCEP with potential expansion (shown dashed)

D) Design Guidelines

Site Planning

- Continue to reference the guiding principles and patterns of place-making that have distinguished the University since its founding.
- Recognize that this building is not an isolated structure but will form part of a larger grouping of buildings that are intended to create a collective sense of community, offer shared resources, and build on the University tradition of placing mixed uses in harmonious relation to the landscape.
- Work with the existing grade changes to ensure that the street-side façade has a comfortable and appropriate scale.
- Allow for phasing and future expansion to include both offices and additional utility space to serve future buildings at Fontaine Park.
- Locate equipment within the building to allow for demonstration of the University’s sustainability goals of carbon neutrality, fossil fuel free, and reduced domestic water use.
- Locate the utility yard such that the building provides screening for the exterior equipment and thermal storage tanks.

Storm water

- Storm water management will be designed in a manner consistent with the Fontaine Master Plan.

Circulation and Parking

- Accommodate pedestrian movement from parking adjacent to the Fontaine Central Energy Plant and 500 Ray C. Hunt Drive.
- Develop a parking strategy that clearly delineates spaces reserved for University Staff (Energy and Utilities) and visitors of 500 Ray C. Hunt Drive.
- Provide service access to the building in an unobtrusive way that does not impede development of adjacent parcels.

Architecture

- The exterior envelope of the building should be constructed of quality materials that are contextual with other University buildings and energy plants at Fontaine Park (Institute of Biotechnology and Parking Garage).
- Provide screening for cooling towers located on the roof.
- Integrate basic tenets of sustainable design and attain LEED Certification as a minimum if office space is included in the program.

Landscape

- Planning and design of the project landscape should be consistent with the Fontaine Master Plan.
- Provide appropriate and safe levels of lighting in accordance with University standards.
- Provide screening for service areas, dumpsters, and transformers.

Review and Compliance

The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.

**UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY**

BOARD MEETING: March 2, 2023

COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.C.4. Concept, Site, and Design Guidelines: Renovation of and Addition to Montesano for the Center for Politics

BACKGROUND: The Center for Politics moved to Montesano in 2008 when the property was owned by the University of Virginia Foundation. The University acquired the property in 2018. The Center for Politics received Capital Plan approval in June 2016 for a Renovation and Expansion project to support their events and programs.

DISCUSSION: The Office of the Architect has prepared the concept, site, and design guidelines for the Renovation of and Addition to Montesano for the Center for Politics that Ms. Raucher will review with the Committee.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

CONCEPT, SITE, AND DESIGN GUIDELINES FOR THE RENOVATION OF AND ADDITION TO MONTESANO FOR THE CENTER FOR POLITICS

RESOLVED, the concept, site, and design guidelines for the renovation of and addition to Montesano for the Center for Politics, prepared by the Architect for the University, are approved.

Renovation of and Addition to Montesano for the Center for Politics Concept, Site, and Design Guidelines

A) Proposed Project Concept

Montesano is located between Old Ivy Road and Leonard Sandridge Road, with current access to the property from Old Ivy Road via Crestwood Drive, a road owned by and shared with the senior residential facility of University Village. The building is a large, Colonial-Revival residence designed by Marshall Swain Wells, an early graduate of the UVA architecture program. The front of the house faces west, there is a lawn on the east, and parking to the south. The Center for Politics has grown its academic and educational programs, public events, internships, broadcasts, and staff since moving to Montesano. The building no longer accommodates this program, so many of these functions take place off-site. The proposed addition will support the Center for Politics' programs and the renovation of the house will better accommodate the staff and interns. The addition will be located on the east side of the house, with the adjacent lawn developed as a complement to interior event space. Larger events that cannot be accommodated at Montesano will be scheduled at the Karsh Institute of Democracy or other facilities on the Ivy/Emmet site. The project necessitates the construction of a new access road from Montesano to Leonard Sandridge Road that will become the primary access to the building. The project is being developed with consideration of the approved Ivy Gardens Master Plan to create the western terminus of the central green space proposed in the plan.

B) Siting Criteria

The University of Virginia general siting criteria for all new facilities include the components listed below. Those highlighted are the most pertinent in determining the siting recommendation for the Renovation of and Addition to Montesano for the Center for Politics.

- **Conforms with overall land use plan and district/area plans.**
- Reinforces functional relationships with other components of the same department or program and is compatible with other neighboring uses.
- **Satisfies access requirements – pedestrian, bicycle, vehicular, and service.**
- **Maximizes infill opportunities to utilize land resources and existing infrastructure.**
- Minimizes site-development costs including extension of utilities, access, loss of parking, mass grading, etc.
- Minimizes opportunity cost (i.e., value of this use and size versus other alternatives).
- **Provides a size that is adequate, but not excessive, for initial program, future expansion, and ancillary uses.**
- **Allows for incorporating sustainability principles in terms of solar orientation, reuse of historic structures, storm water management, etc.**
- **Avoids unnecessary environmental impacts including significant tree removal or filling of existing stream valleys.**

- Allows site visibility and aesthetic character as appropriate for the intended use and for the neighborhood.
- Minimizes time for implementation of project.

C) Proposed Site



Center for Politics Location Map



Ivy Garden Master Plan with Center for Politics site and approximate new road location highlighted



Plan view showing approximate footprint of proposed addition

D) Design Guidelines

Site Planning

- Continue to reference the guiding principles and patterns of place-making that have distinguished the University since its founding.
- Locate activities within the building to place the most active spaces adjacent to the east lawn and ultimately, the central green area, to foster strong indoor-outdoor relationships.
- Locate the addition in a way that preserves the character of the front façade and the overall massing of the historic house.
- Recognize that this building is not an isolated object but will form part of a larger grouping of academic and student-oriented buildings that are intended to create a collective sense of community, offer shared resources, and build on the University tradition of placing mixed uses in harmonious relation to the landscape.
- Anticipate the redevelopment of the Ivy Gardens complex in the site circulation, building and landscape design, and roadway development.

Storm water

- Storm water management will be carefully integrated into the site and landscape design.

Circulation and Parking

- Provide clear, direct vehicular access to the Center for Politics from Leonard Sandridge Road that includes drop-off space for events.
- Accommodate pedestrian movement around and into the building, and between the building and North Grounds. Anticipate future pedestrian connections between the Center for Politics, the Miller Center, and Central Grounds.
- Provide service access to the building in an unobtrusive way that does not detract from the character of the house.
- Reuse existing parking, allowing for overflow on the lawn to the south until additional development happens pursuant to the Ivy Gardens Master Plan.

Architecture

- Consider a massing for the addition that is complementary and deferential to that of the house to avoid overwhelming the historic building with its size.
- The exterior envelope of the addition should be constructed of quality materials that are contextual with other University buildings and compatible with those of the house.
- The façade facing the future green space should create an attractive and welcoming entrance.
- Integrate basic tenets of sustainable design and attain LEED Certification as a minimum level, with Silver level as a goal.

Landscape

- Planning and design of the project landscape should complement the character of the house and be consistent with the intent of the Ivy Gardens Master Plan.
- Provide appropriate and safe levels of lighting in accordance with University standards.
- Provide screening for service areas, dumpsters, and transformers.

Review and Compliance

The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.

**UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY**

BOARD MEETING: March 2, 2023

COMMITTEE: Buildings and Grounds

AGENDA ITEM: III. Revisions to the Major Capital Plan

ACTION REQUIRED: None

BACKGROUND: The revised multi-year major capital plan is presented annually to the Board of Visitors for review in March and approval in June. The Buildings and Grounds Committee determines whether a project should be added to the Major Capital Plan, and the Finance Committee evaluates whether there is a sound financing plan to pay for the estimated project cost and additional operating costs expected once a project is complete.

In June 2022, the Board of Visitors approved the 2022 Major Capital Plan for the Academic Division, UVA Health, and College at Wise. In accordance with the University's capital planning process, the University updates the Capital Plan annually to add new projects, remove projects that are no longer a priority, and evaluate/prioritize projects to ensure alignment with institutional priorities and the 2030 Strategic Plan.

DISCUSSION: Ms. Sheehy will report on the major capital plan development process and review the proposed revisions to the Major Capital Plan. The proposed 2023 Major Capital Plan, as shown on the following pages, revises the plan approved by the Board in June 2022 to include current cost estimates, add new projects, and remove projects no longer planned within the next six years.

The following major capital projects are proposed to be added to the Capital Plan:

- Public Safety Building (planning/design authorization)
- Second-year Housing Initiative (planning/design authorization)
- University Data Center (planning/design authorization)
- Replacement of the Chemistry Addition Chillers
- UVA Health Project

The University recommends removing the following projects previously approved by the Board of Visitors:

- Darden Academic Building
- Pinn Hall Renovation Phase II
- Student Activities Building
- UVA Health Data Center

In addition to the projects proposed to be added to the 2023 Capital Program, the University of Virginia's College at Wise plans to initiate two strategic planning and space needs studies that will inform future capital projects:

- Mixed-use Housing Facility
- Research Building

One-page descriptions for each of the proposed new projects and studies listed above begin on page 46.

UVA PROPOSED 2022 MAJOR CAPITAL PLAN

Academic Division					
Project (\$ in millions)	Estimated Budget	State GF	Gifts	Debt	Cash
<i>Projects under construction</i>					
Alderman Library Renewal	\$ 163.90	\$ 143.90	\$ 20.00		
Brandon Avenue Upper-Class Residence Hall	\$ 114.00			\$ 63.02	\$ 50.98
Chemistry Building Fume Exhaust Renewal	\$ 8.50				\$ 8.50
Contemplative Commons	\$ 72.60		\$ 52.60	\$ 15.00	\$ 5.00
Football Operations Center	\$ 80.00		\$ 26.20	\$ 29.50	\$ 24.30
Ivy Corridor Landscape & Infrastructure Phase I	\$ 60.00			\$ 56.00	\$ 4.00
Low Temperature Hot Water Conversion	\$ 38.49			\$ 34.50	\$ 3.99
Physics Building Renewal	\$ 62.51	\$ 60.42			\$ 2.09
School of Data Science	\$ 53.50		\$ 5.50	\$ 48.00	
Shumway Hall (McIntire)	\$ 139.70		\$ 25.00	\$ 89.70	\$ 25.00
UVA Hotel & Conference Center	\$ 167.90		\$ 3.00	\$ 144.90	\$ 20.00
West Grounds Chilled Water Capacity	\$ 8.00			\$ 8.00	
<i>Projects in planning/design</i>					
Center for the Arts (planning/design)	\$ 15.30		\$ 15.30		
Engineering Academic Building (planning/design)	\$ 5.00		\$ 5.00		
Center for Politics	\$ 10.00		\$ 10.00		
Fontaine Central Energy Plant & Utilities	\$ 55.00			\$ 40.00	\$ 15.00
Fontaine Research Park Roadway Infrastructure	\$ 10.00			\$ 10.00	
Fontaine Research Park Parking Garage	\$ 61.00			\$ 61.00	
Institute of Biotechnology	\$ 350.00		\$ 100.00	\$ 250.00	
Ivy Corridor Landscape & Infrastructure Phase IIA	\$ 11.80				\$ 11.80
Karsh Institute of Democracy (includes Batten)	\$ 80.00		\$ 5.00	\$ 75.00	
Mem Gym Infrastructure & Accessibility Renewal	\$ 20.50			\$ 20.50	
Monroe Hall Addition HVAC Renewal	\$ 9.00			\$ 4.50	\$ 4.50
Olympic Sports Center	\$ 75.00			\$ 75.00	
Physics Building Classrooms	\$ 7.00				\$ 7.00
Tech Talent Investment Program Phase I	\$ 3.00	\$ 3.00			
UVA NOVA Fairfax (tenant fit out)	\$ 20.60				\$ 20.60

Academic Division					
Project (\$ in millions)	Estimated Budget	State GF	Gifts	Debt	Cash
<i>Projects not yet initiated</i>					
<i>Near-term initiation (2024-26)</i>					
School of Architecture Center for Design (planning/design)	\$ 4.00		\$ 4.00		
Darden Student Housing					
Parking Garage	\$ 54.00			\$ 46.80	\$ 7.20
Pinn Hall Integrated Spatial Biology Core Consortium	\$ 8.50		\$ 8.00		\$ 0.50
<i>Mid-term initiation (2026-28)</i>					
Environmental Health & Safety Facility	\$ 28.00		\$ -	\$ 28.00	
UVA Museum (planning)	\$ 3.00		\$ 3.00		
<i>Long-term initiation (2028-30)</i>					
Old Cabell Hall Renewal	\$ 60.00	\$ 60.00			
<i>Proposed new projects</i>					
Chemistry Addition Chillers Replacement	\$ 20.00			\$ 20.00	
Public Safety Building (planning/design)	\$ 1.50			\$ 1.50	
Second-year Housing Initiative (planning/design)	\$ 7.00			\$ 7.00	
University Data Center (planning/design)	\$ 3.50			\$ 3.50	

UVA Health					
Project (\$ in millions)	Estimated Budget	State GF	Gifts	Debt	Cash
<i>Project in planning/design</i>					
Consumer Ambulatory Clinic (tenant fit-out)	\$ 15.00				\$ 15.00
Focused Ultrasound Expansion	\$ 16.50				\$ 16.50
Multi-Disciplinary Ambulatory Clinic Building	\$ 155.00			\$ 77.50	\$ 77.50
UVA Encompass Rehabilitation Hospital Renovation and Expansion	\$ 45.00				\$ 45.00
<i>Proposed new project</i>					
UVA Hospital Project	\$ 132.00				\$ 132.00

College at Wise					
Project (\$ in millions)	Estimated Budget	State GF	Gifts	Debt	Cash
<i>Project under construction</i>					
Wyllie Library Renovation and Conversion	\$ 16.60	\$ 16.60			
<i>Projects not yet initiated</i>					
<i>Near-term initiation (2024-26)</i>					
Darden Hall Renovation	\$ 40.30	\$ 40.30			
Technology Classroom Building	\$ 52.00	\$ 52.00			
<i>Mid-term initiation (2026-28)</i>					
Sandridge Science Center Lab Wing Renovation	\$ 39.10	\$ 39.10			
Zehmer Hall Renovation	\$ 23.10	\$ 23.10			
<i>Long-term initiation (2028-30)</i>					
Athletic Building	\$ 24.70		\$ 24.70		
Bowers-Sturgill Hall Renovation	\$ 5.90	\$ 5.90			
Campus Welcome/Public Safety Facility	\$ 5.60	\$ 5.60			
Music Education Center	\$ 45.20	\$ 22.60	\$ 22.60		

WRITTEN REPORTS

**Buildings and Grounds Committee
University of Virginia**

March 2, 2023

STEWARD

National Recognition for UVA Student Health and Wellness Building: The University's Student Health and Wellness Center is the first higher-education building in Virginia to receive a 2-star Fitwel certification. Of nine higher-education buildings in the country to receive this certification, UVA's center is the fourth to achieve at least a 2-star rating on the 3-star scale. Fitwel certification ranks how well a building and its environment support the well-being of occupants based on 12 categories, including location, outdoor spaces, workspaces, emergency preparedness, and more. Features include upgraded space for health and wellness medical appointments as well as new health promotion offerings. In addition to being a center for physical health, the building serves as a new student center on Grounds with a focus on well-being with multipurpose instructional spaces, a teaching kitchen, an "oasis lounge," and special programming such as meditation and art therapy classes.

Athletics - Waste Diversion: Students are getting more involved with waste reduction efforts in athletics spaces. This fall, 60+ volunteers helped divert over 12,000 pounds of material from the landfill by monitoring and collecting compostable items along the concourse at all home games. The Sustainability team is duplicating this model for four home basketball games to better understand waste diversion opportunities inside John Paul Jones Arena.

Amphitheater - Waste Diversion: The student-led Zero Waste Ambassadors (ZWA) team had a successful first semester of supporting Amphitheater composting efforts. The 18-person cohort sorted through over 200 totes of material, resulting in just over 10,000 pounds diverted from the landfill. This semester, the team also prioritized educational tabling in the Amphitheater space to help educate their peers on UVA's ambitious waste reduction goal. With support from the FM Landscape team, the ZWAs are looking forward to expanding their efforts to both the O-Hill dining area and the Castle space.

Food Access: In a collaborative partnership with Dr. Kate Stephenson's Food Justice class, student employees in UVA's Office for Sustainability led over 25 garden workdays for the community during the fall semester. Volunteers helped maintain beds, plant new seeds, and harvest produce. The team made 12 trips to UVA's Community Food Pantry and organized 3 pop-up farm stands to emphasize the importance of accessible fresh produce for their peers.

Community Engagement: The Office for Sustainability's Service-Learning team led three successful Corner Clean-ups during the fall semester. With over 35 attendees at each event, students, staff, and community members came together to discuss the importance of environmental stewardship and a "Leave No Trace" mentality as they picked up litter around town. This initiative has also resulted in numerous partnerships (like Batten, UVA's Inter-Fraternity Council, and the Muslim Student Association) that have helped strengthen sustainability coalitions around Grounds.

ENGAGE

Community MLK Celebration: Addressing Environmental Health Inequity: On January 25, UVA Sustainability partnered with UVA Health, Virginia Clinicians for Climate Action, and the School of Medicine's Center for Humanities and Ethics, for a Medical Center Hour focused on the critical need for professionals in health care and related industries to understand the connections between equity, health, and environmental risks such as pollution and climate change. Speakers included Dr. Ebony Hilton (UVA Anesthesiologist), Dr. Irène Mathieu (UVA Pediatrician), Tracy Kelly (UVA Pediatric Nurse Practitioner), and Lena Bichell (UVA Medical Student).

Sustainability Leadership Award Winners Selected: The Sustainability Leadership Award honors students, faculty, staff, and community members who exhibit a commitment to advancing sustainability practices and solutions in support of UVA's 2030 Sustainability Plan, and who exemplify being a good neighbor locally and globally. Winners demonstrate innovation and passion in work related to civic engagement, stewardship of the built and natural environment, discovery through teaching and/or research, and/or governance and collaboration. The award, originally established in 2017 but put on hold during the pandemic, is under the auspices of the Civic Engagement Subcommittee, which developed the nomination process and evaluation rubric and oversaw the Selection Committee. After an extremely competitive selection process in all categories, the 2023 winners are:

- Students: Environmental Justice Collective
- Faculty: Matthew Meyer, M.D., Assistant Professor of Anesthesiology, School of Medicine, and UVA Health Anesthesiologist
- Staff: Institute for Engagement and Negotiation
- Community members: Christine Hirsh-Putnam (retired teacher and community volunteer) and Cultivate Charlottesville

DISCOVER

Morven Sustainability Lab: UVA professor Elizabeth K. Meyer has been appointed the inaugural faculty director of Morven Programs' new Sustainability Lab. Meyer's highest priority for her first year on the job will be to create an implementation plan for transforming the Morven property into the UVA Sustainability Lab with two-, five-, and 10-year benchmarks. For now, her work will focus on creating an advisory committee of faculty, staff, students, alumni, and community members to collaborate on a five-year strategic plan in the spring and summer of 2023. Startup work will also include taking a landscape inventory of Morven to ensure that future practices are mindful of the cultural history and ecosystem of the farm.

2022 Jefferson Innovation Summit: In early December, delegates representing a wide variety of fields in business, industry, government, academia, and non-profits convened in the Rotunda to discuss strategies for decarbonizing the global economy. Through a facilitated dialogue and workshop, the 25 delegates identified obstacles to decarbonization and worked together to develop ideas for accelerating the market transformation needed to achieve it. These insights will be used to develop a decarbonization playbook, which will be published in the next few months.

www.sustainability.virginia.edu



University of Virginia

PUBLIC SAFETY BUILDING (PLANNING/DESIGN)

Executive Summary

The University's safety and security responsibilities and assets have expanded dramatically over the last 20 years. In 2017, the University engaged Margolis Healy to fully assess its public safety and security infrastructure. The firm determined that the disparate reporting structures and physical separation of the various safety and security functions were limiting their effectiveness, and the University would benefit from consolidating those functions into a single division. In 2018 the University created the Department of Safety and Security (DSS). Having now organized the disparate reporting structure, and in anticipation of our expansive growth, the next step is to consolidate the new department in a facility conducive to supporting the DSS functions.

- Create opportunities for DSS to interact with and serve the larger Charlottesville community in support of the University's 2030 Strategic Plan.

Since 2019, consideration has been given to the possibility of renovating an existing, underutilized building that is in close proximity to Grounds and could accommodate the various reporting units, as well as the local emergency operations center and other public safety activities (e.g., special event command operations, tabletop and functional exercises, and public safety training and coordination). Any facility, new or existing, will need capability to provide secure parking for police vehicles and other emergency assets.

Project Background

The five units of DSS are currently housed in seven locations across the Grounds. In spring 2019, DSS partnered with the Office of the Architect to complete a space study that looked at the physical space needs of a co-located department. Envisioned as an approximately 35,000 GSF facility, a new building would accommodate future anticipated growth of the department beyond its current table of organization. A new facility will:

- Allow for the immediate co-location and full integration of all DSS assets.
- Significantly enhance the Department's operational effectiveness and overall ability to serve the University community.

Financial Information

Estimated planning/design cost: \$1.5M



University of Virginia

SECOND-YEAR HOUSING INITIATIVE (PLANNING/DESIGN)

Executive Summary

The University's 2030 Strategic Plan includes a goal to "establish a series of residential communities that will house all first- and second-year students on Grounds and provide ways for third- and fourth-year students to stay connected to their residential communities." This is a critical component of developing citizen-leaders for the 21st century; providing students with an opportunity to live and learn together in diverse and inclusive communities will help prepare them to live and lead in an increasingly diverse world. To achieve this goal, the University will need to add 2,000-2,300 new beds by the 2029-2030 academic year.

Project Background

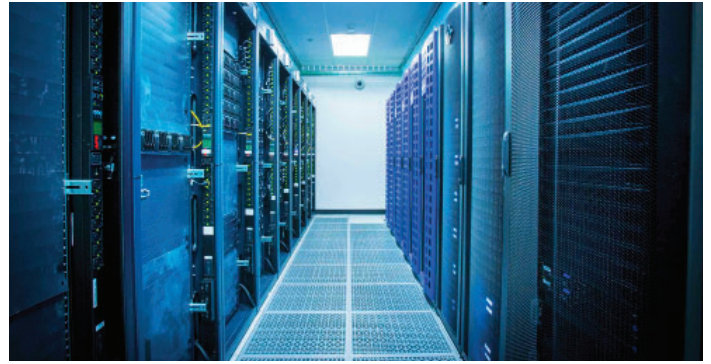
In May 2022, the University engaged Brailsford & Dunlavey (B&D) to advise the University on how best to implement the second-year residential expansion, considering the timeline, location, programmatic, and financial factors entailed in undertaking this initiative. B&D's effort built upon previous studies and reports (e.g., the 2013 Student Housing Survey and the 2016 Housing and Residence Life Update). Throughout summer and fall 2022, the UVA and B&D teams worked to define key variables that would impact the scale and timeline for the potential implementation of a second-year requirement.

B&D's analysis confirmed that UVA will need to add 2,000-2,300 beds to accommodate all first- and second-year students in University housing and highlighted various considerations UVA will need to address as it moves forward with this effort, including factors related to construction and financing approaches, student housing styles, and scale of development. The Office of the Senior Vice President for Operations & State

Government Affairs, in partnership with and on behalf of Student Affairs, seeks planning and design phase authorization for a student residence capital project that will support the second-year housing initiative. The planning for this project will use B&D's analysis as a guiding reference point and will align with the University's further exploration and decision-making processes around programming needs, site selection, and financial models.

Financial Information

Estimated planning/design cost: \$7.0M



University of Virginia

UNIVERSITY DATA CENTER (PLANNING/DESIGN)

Executive Summary

In 2022, a High-Performance Computing (HPC) Infrastructure Committee was formed and charged with assessing the University’s research computing needs and the infrastructure necessary to support those needs. Based on its findings, the Committee recommends that the University construct a new data center to provide critical high-performance computing infrastructure necessary to support the rapidly growing needs of researchers across all schools. The Committee proposes that the new facility be located adjacent to the new central power utility plant planned for the Fontaine Research Park in order to take advantage of design synergies and the “pro-green” ability to harvest heat from the data center to use elsewhere at Fontaine.

Project Background

UVA’s current base infrastructure to support high-performance computing equipment is remarkably close to maximum capacity. Current HPC cluster usage is under 50%, so there is some room for growth on the current equipment in the next year or two. Given growth projections, it is expected that UVA will reach maximum data center capacity by the end of 2024.

The HPC Infrastructure Committee evaluated many options to expand data center capacity to support the growth of UVA’s research computing infrastructure. The final recommendations are to (1) expand the University’s current data center to accommodate needs through 2026, and (2) build a new data center in the Fontaine Research Park that could be operational in 2026. Research is a critical initiative in the 2030 Plan, and it must be supported by high-performance computing. It is expected that much of the work of the

“Grand Challenges” for research will require a robust HPC environment. In addition to housing academic research computing infrastructure, the new data center could also provide capacity to house a new data center for the Health System, replacing the data center currently located in Stacey Hall.

The decision to construct a new facility instead of leasing an existing structure is supported by a cost model that demonstrated the “cross-over” between total cost to lease versus build occurred in about four years, given current growth projections.

Financial Information

Estimated planning/design cost: \$3.5M



University of Virginia

REPLACEMENT: CHEMISTRY ADDITION CHILLERS

Executive Summary

Informed by the recently completed Chemistry Addition Chillers Replacement Study, the proposed project will remove aging chillers in the Chemistry Addition, install new chillers, rebuild the cooling towers adjacent to the Aquatics and Fitness Center (AFC), and replace the chilled water and condenser water distribution pumps.

Project Background

The three chillers and associated cooling towers and distribution pumps located in the Chemistry Addition mechanical room are more than 25 years old, have reached the end of their useful lives, and need to be replaced. The proposed scope and estimated project budget are based on the recommendations of the study and will include replacing the existing chillers with heat recovery chillers (HRC). The study examined using both traditional centrifugal chillers and HRC but concluded that HRC would yield greater carbon reduction (~8,800 tons), water reduction (~14 million gallons), and fuel savings (~\$1.5M) each year.

The proposed project will advance the University's efforts in meeting the 2030 Sustainability Plan goals approved by the Board of Visitors in December 2019 to be carbon neutral by 2030 and fossil fuel-free by 2050 and to reduce water use by 30% over 2010 levels by 2030.

Proposed Time Frames

Planning/Design: August 2023-February 2024

Construction: March 2024

Expected completion: March 2025

Financial Information

Estimated project cost: \$20.0M

Fund source: Debt (debt service covered by utility rates)



University of Virginia

UVA HEALTH PROJECT

Executive Summary

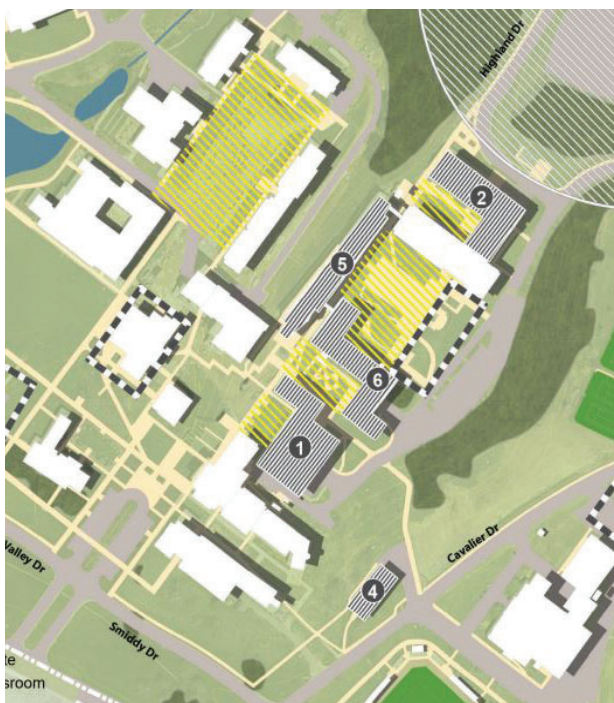
The proposed project will advance the three overarching goals of UVA Health's strategic plan to cultivate healthy communities and inclusion for all; strengthen UVA's foundation; and enable discoveries that foster better health. The proposed project will allow UVA Health to better address patient care needs.

Financial Information

Estimated project cost: \$108.0M-\$132.0M
Fund sources: Medical Center cash

University of Virginia's College at Wise

Planning Studies



Mixed-Use Housing Facility

A mixed-use development would help address the need for graduate housing at UVA Wise as it pursues opportunities for expanded graduate and research programs. The site identified for this project is included in the UVA Wise Master Plan, replacing the townhomes that the College took offline in 2013. The proposed planning study will inform the appropriate style of housing and retail space to maximize the opportunity on the available parcel of land.

The lack of housing in Wise County and the surrounding area has a negative impact on recruiting and retaining talent at the College. A mixed-use housing development would help address recruitment and retention efforts, as well as support the goal in the 2030 Strategic Plan to become a more vibrant community. Enhanced engagement with the community will help strengthen the College's ability to attract both students and employees.



Research Building

From its origin, UVA's College at Wise has maintained a commitment to student success and creating a talent pipeline for employers in the region and across the Commonwealth. Underpinning this mission is a commitment to serving the broad needs of Southwest Virginia, an area that holds great promise, but faces significant challenges that require focused attention. As the College and the Commonwealth explore the feasibility of the College becoming a research institution, the College will also need to evaluate options to construct a new research facility.