



UVA Board of Visitors Buildings and Grounds Committee

December 7, 2023

Agenda

- Remarks by the Chair
- Consent Agenda
 - Naming: The Tessa and Richard Ader Performing Arts Center
 - Demolition of structures for Ivy Corridor Phase IIA
- Action Items: Schematic Design Approvals
 - Naming: The Edgar Shannon Library
 - Schematic Design Approvals
 - Fontaine Roadway Infrastructure and Parking Garage
 - Institute of Biotechnology
- Schematic Design Review: Darden Student Housing
- Report by the Senior Vice President for Operations & State Government Relations

Consent Agenda



Consent Agenda

- Naming: The Tessa and Richard Ader Performing Arts Center
- Demolition of structures for Ivy Corridor Phase IIA

Action Items



Naming: The Edgar Shannon Library

- Honors Edgar F. Shannon Jr. UVA's 4th President (1959-1974)
 - Led UVA through the student reaction and unrest of the Civil Rights movement, the Vietnam War, and the process of co-education
 - Strengthened UVA's academic mission, grew the endowment, and enhanced student life
- Continue to honor the legacy and contributions of President Alderman by retaining the existing dedication plaques in the main entrance of the building and rename this portion of the building, now known as Memorial Hall, Alderman Hall.



Schematic Design Approval: Fontaine Roadway and Garage



Location Plan



Science & Engineering

Fontaine Research Park

UVA Health System

US-29

Fontaine Ave

Jefferson Park Ave

Jefferson Park Ave

University Ave

Main St

Existing Program at Fontaine

450 Ray C. Hunt (Aurbach Medical Research)

Rheumatology, Endocrinology, Pathology, Surgery,
Psychiatry, Comparative Medicine

500 Ray C. Hunt (Clinical)

Cardiology, Cardiac Rehab, Ob/Gyn, Urology

480 Ray C. Hunt (Snyder Translational Research)

Neurology, Radiology, Comparative Medicine,
Biophysics

515 Ray C. Hunt (Clinical)

UVA /Encompass Health Rehab Hospital

545 Ray C. Hunt (Clinical)

560 Ray C. Hunt (Ivy Translational Research)

Neurology, Autism, Clinical Research, Public Health
Sciences, Psychiatry

415 Ray C. Hunt (Clinical)

Neurosurgery, Audiology, ENT, Rheumatology, Hand
Center, Spine Center, Imaging

400 Ray C. Hunt (Clinical)

Med Center Offices, Patient Friendly Access



Near-Term Master Plan, Approved 2018

- Transit, parking, and amenity development
- Central spine with distinct neighborhoods
- Clarified circulation
- Research/academic buildings



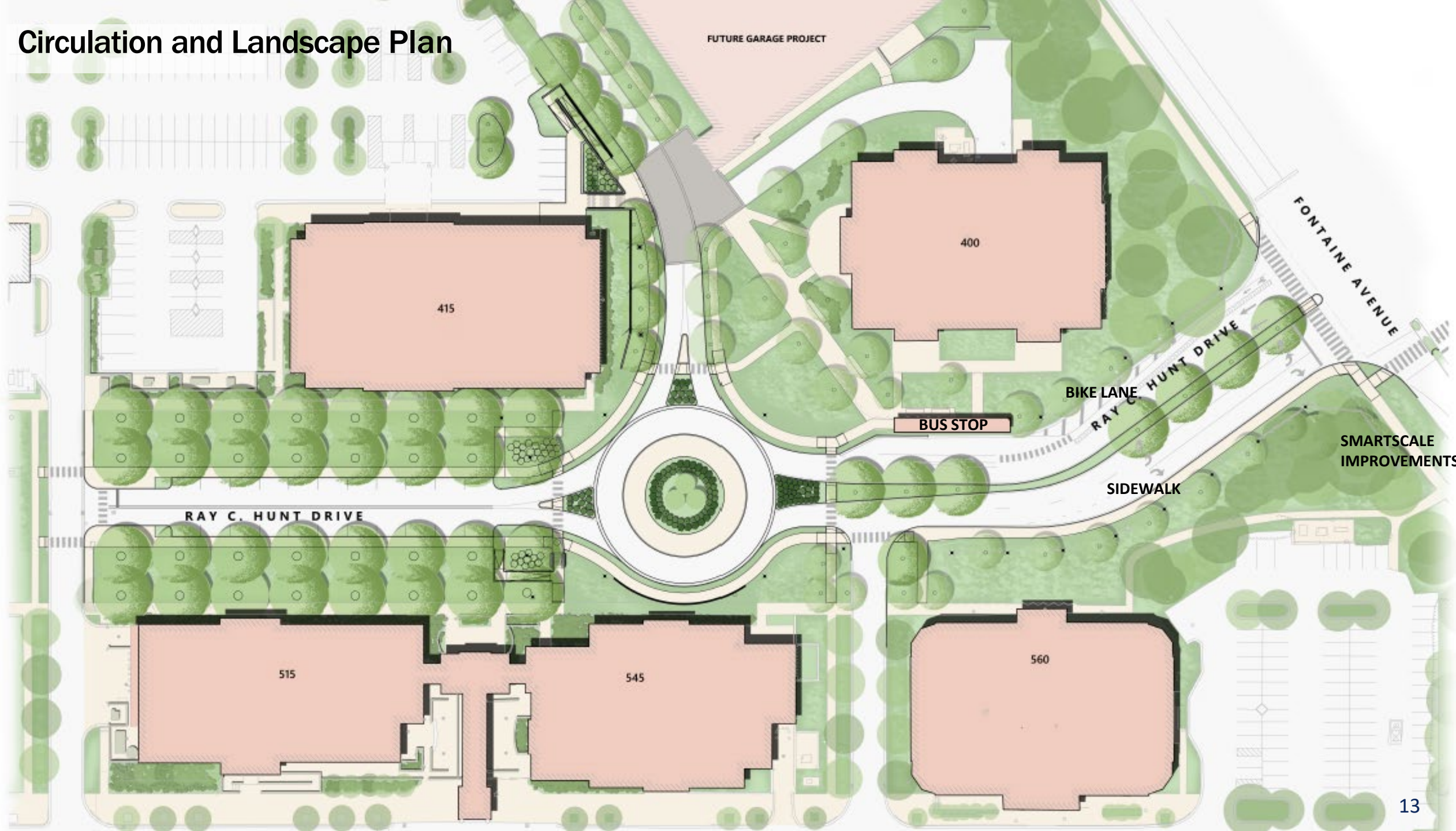
Full Build-Out Master Plan, Approved 2018

- Total capacity: 1.4M+ GSF
- Distinct neighborhoods
- Clarified circulation
- Clear drop-off
- Sequence of green streets and open spaces
- Opportunities for future connections across Fontaine Avenue to Grounds and back to the Medical Center

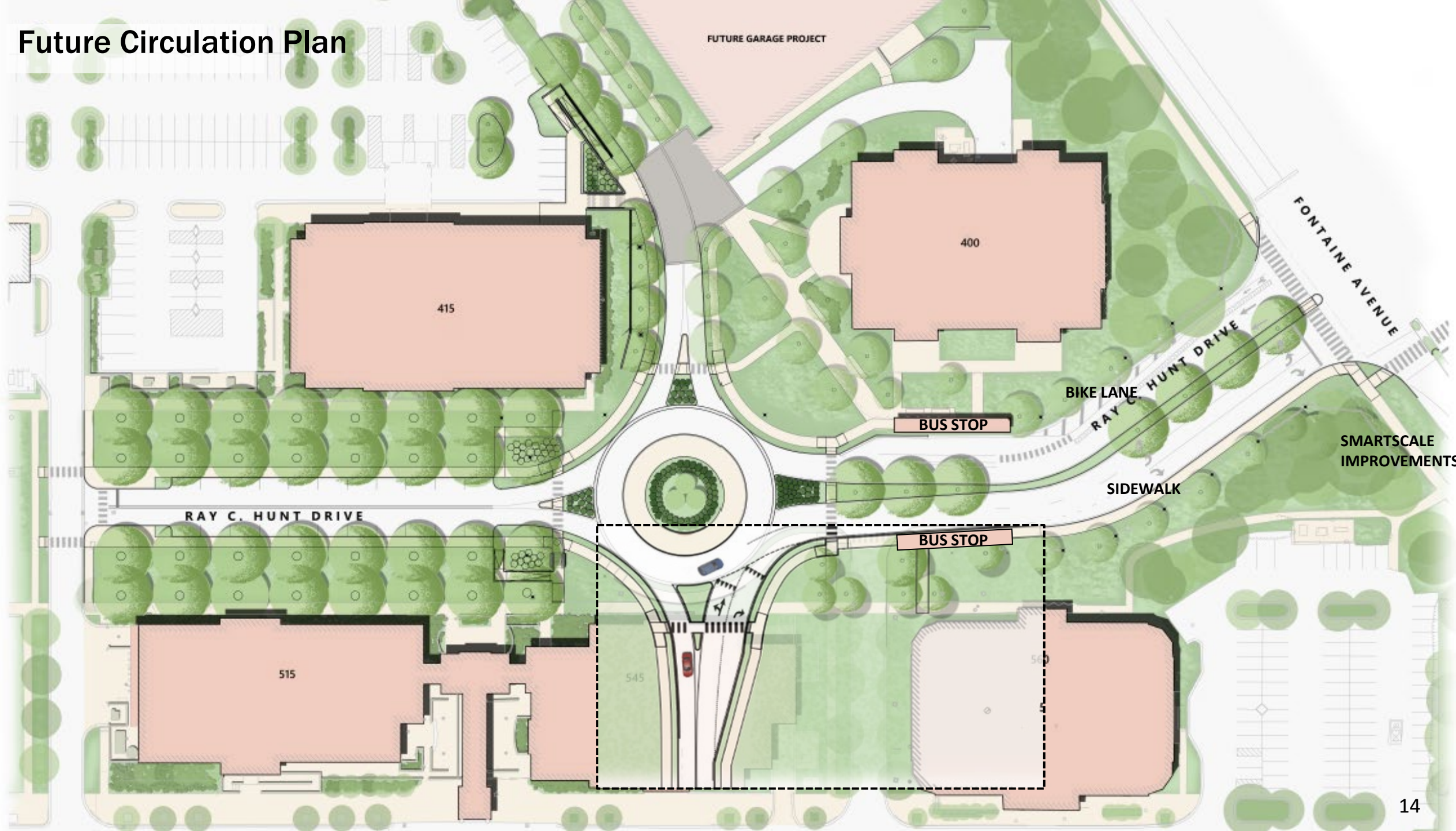




Circulation and Landscape Plan



Future Circulation Plan



SMARTSCALE IMPROVEMENTS

Current View of Entry Looking South

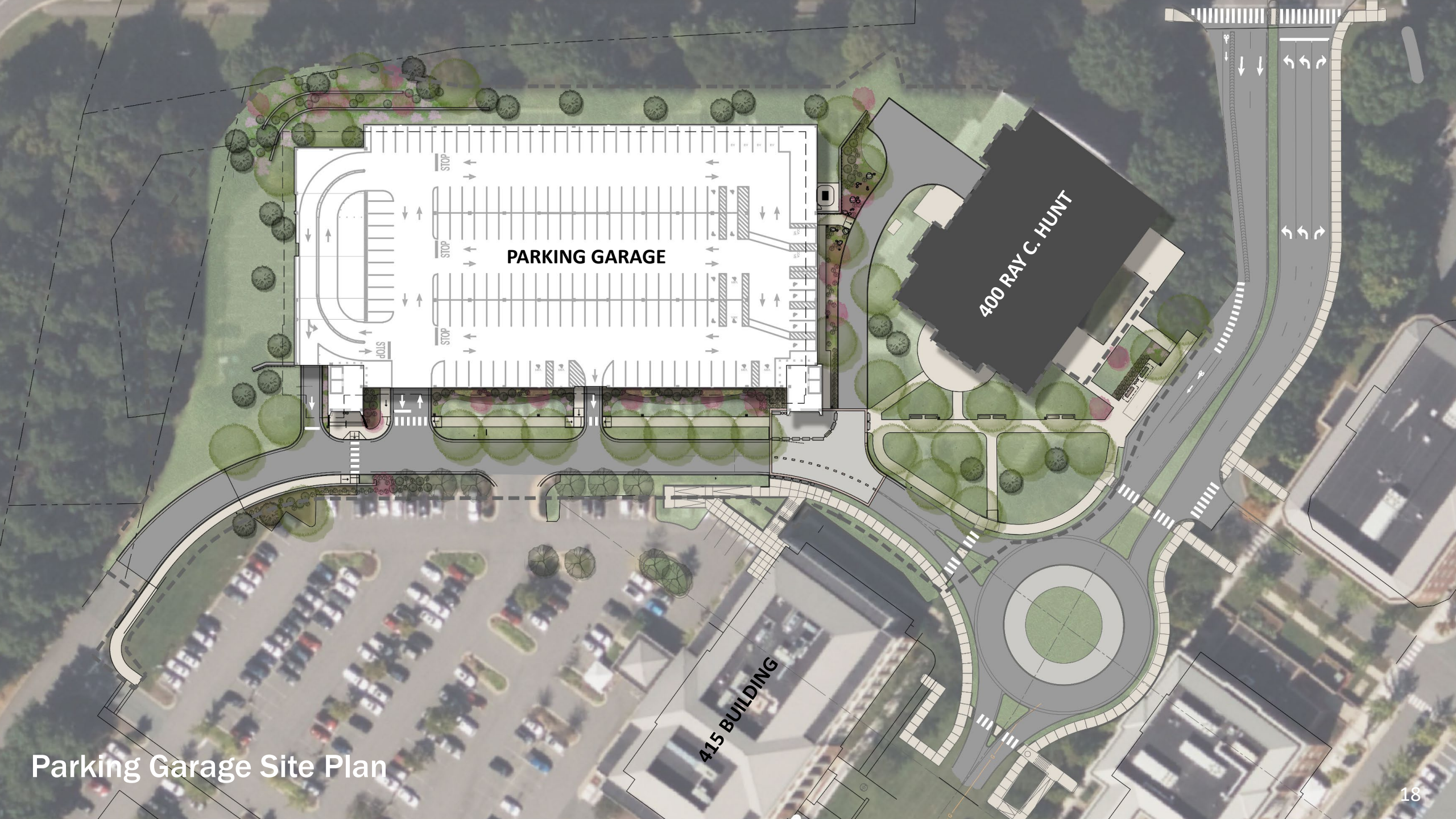




Proposed Street View Looking South



Bird's Eye View Looking South



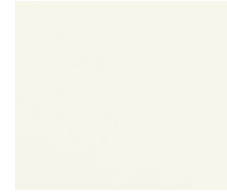
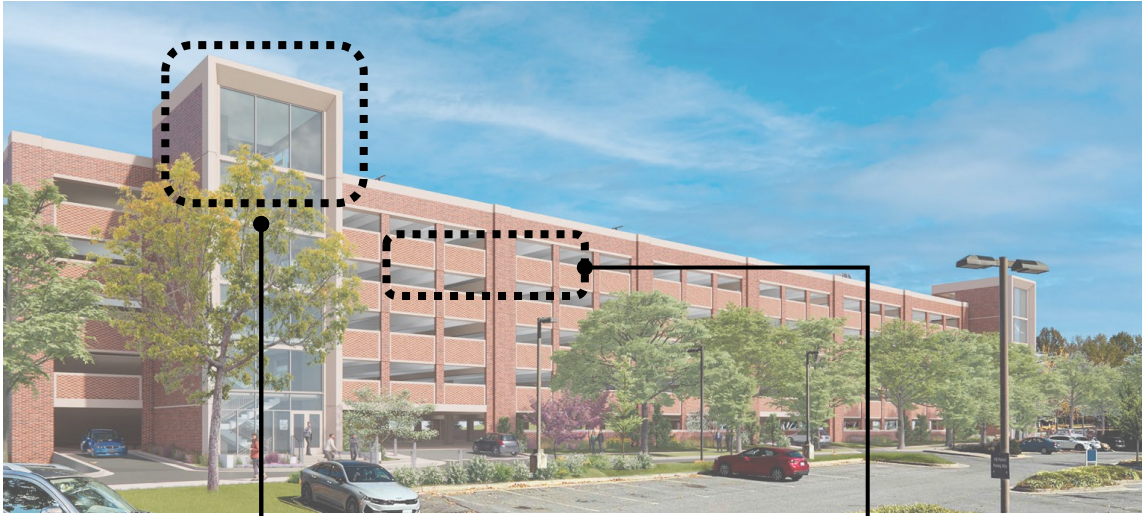
Parking Garage Site Plan



Proposed View Looking Northwest



Brick Façade Detail



**"Swiss Coffee"
Precast**



**Paving & Walkways
Concrete**



**Paving & Walkways
Brick**



Glazed Stair Tower



**Brick Running Bond and Flemish Bond
and Precast Concrete**



Materiality



Proposed View Looking Northeast



Sustainability Initiatives



Proposed View Looking Southeast from Fontaine Avenue

Schematic Design Approval: Institute of Biotechnology





Institute of
Biotechnology Site

Parking
Garage
Site

Aerial View of Site Looking Southwest



Aurbach

Institute of
Biotechnology

Snyder/LiSA

CEP

500
Ray C. Hunt

Encompass

MOB 1

545
Ray C. Hunt

400
Ray C. Hunt

Ivy Trans
Research

Parking Garage

Fontaine Avenue

RAY C. HUNT DRIVE (S)

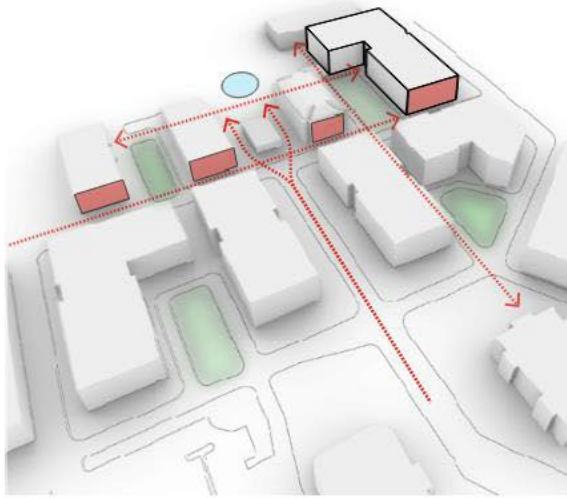
RAY C. HUNT DRIVE (W)

RAY C. HUNT DRIVE (E)

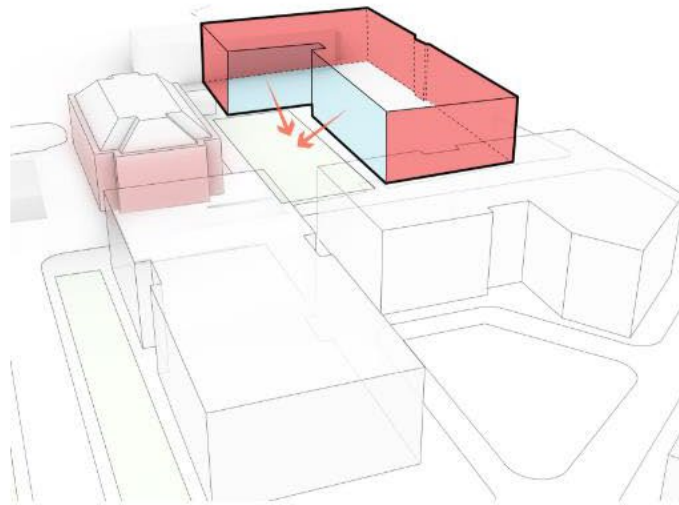
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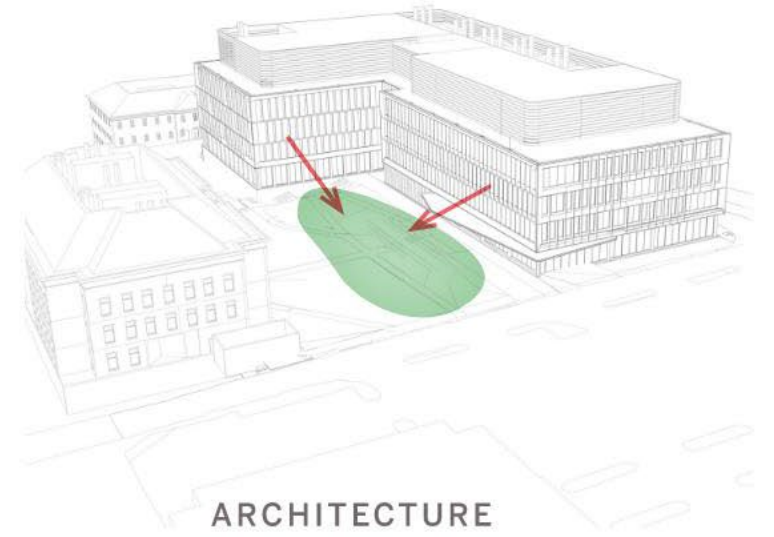
Site Plan



CONNECTIVITY

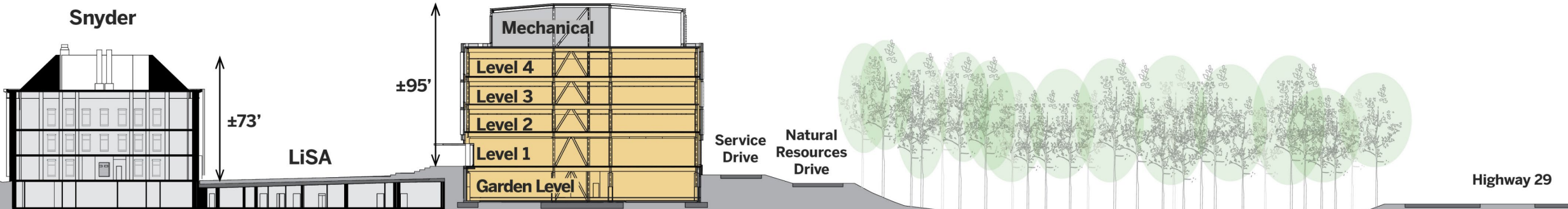


COURTYARD EMPHASIS

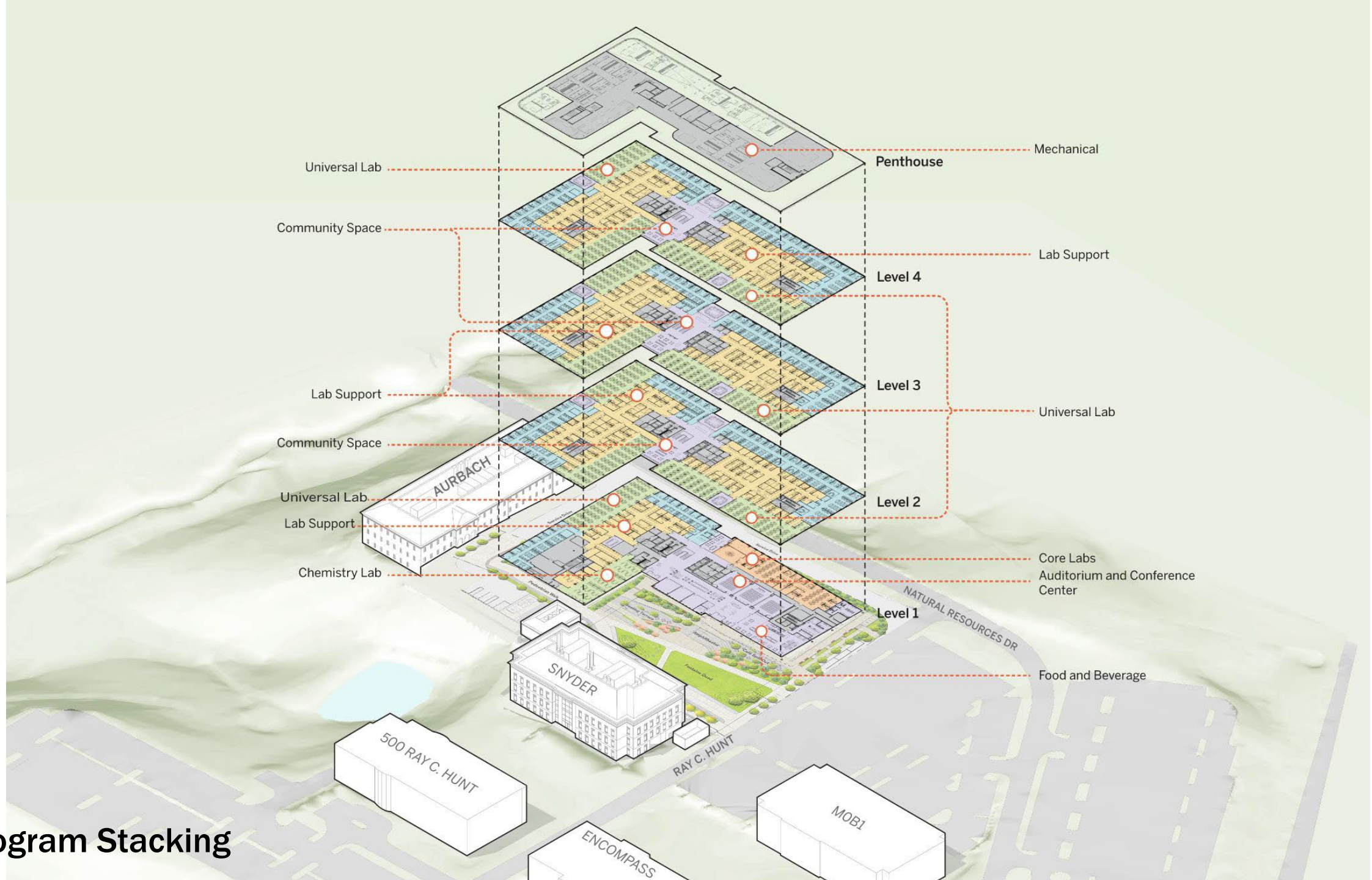


ARCHITECTURE

Institute of Biotechnology



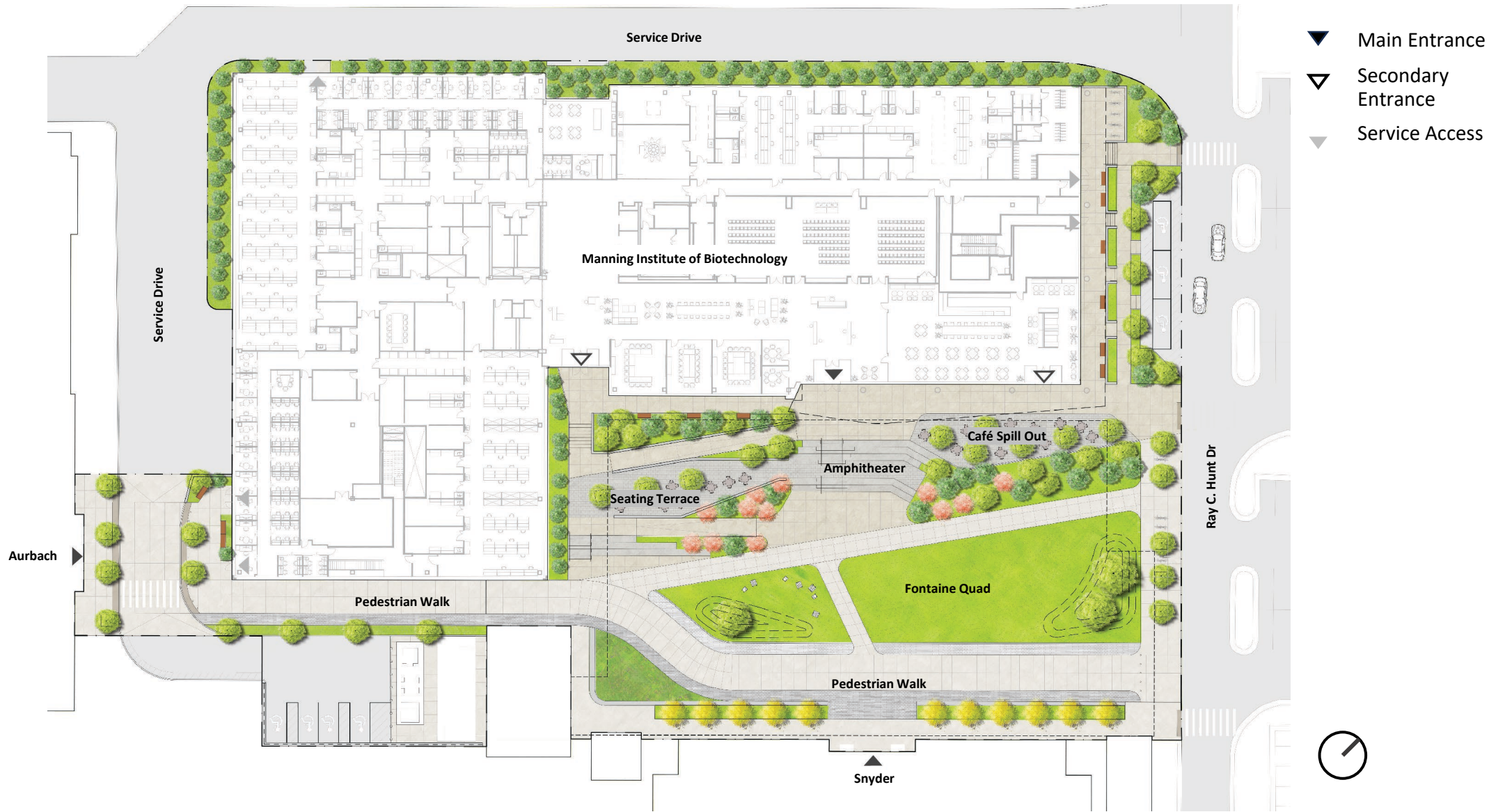
Site Section Looking South



Program Stacking



Proposed View Looking South



UVA Manning Institute of Biotechnology Site Plan



Proposed View From Snyder Looking West

ENERGY EFFICIENCY & OPERATIONAL CARBON

- 1 HIGH PERFORMANCE FAÇADE
- 2 HEAT RECOVERY
- 3 CHILLED WATER SUPPLY FROM CENTRAL UTILITY PLANT
- 4 DEMAND CONTROLLED VENTILATION
- 5 ENERGY EFFICIENT LIGHTING DESIGN
- 6 ALL-ELECTRIC READY
- 7 SOLAR READY ROOFTOP

OCCUPANT HEALTH, WELLNESS, & COMFORT

- 1 HIGH QUALITY DAYLIGHT THROUGH EXTENSIVE SHADING
- 2 MERV 13 FILTERS AND CO2 CONTROL
- 3 PROMOTE ACTIVE DESIGN THROUGH INTERNAL STAIR
- 4 LOW VOC AND NON-TOXIC MATERIALS

EMBODIED CARBON & MATERIALS

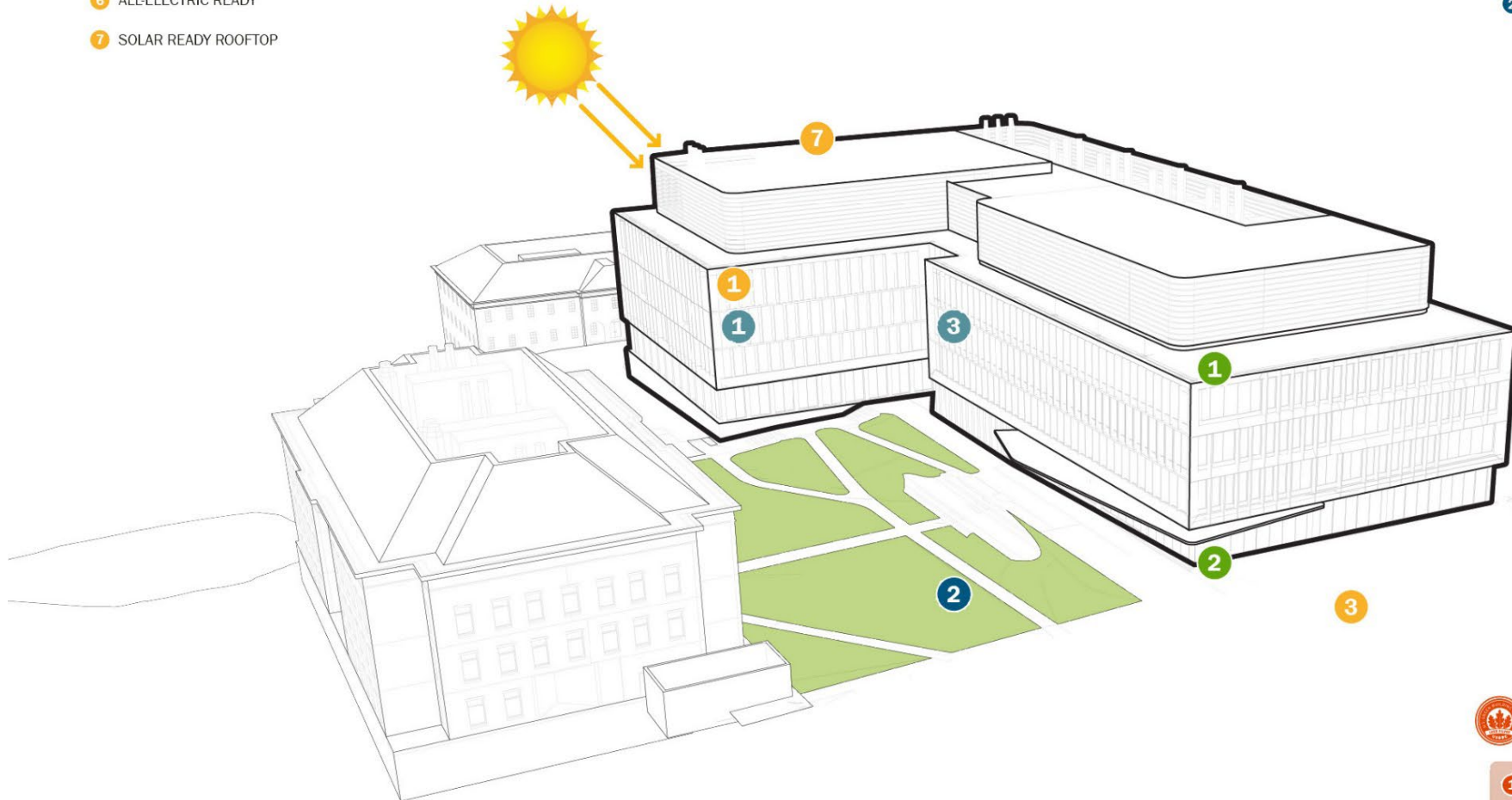
- 1 LOW CARBON RECYCLED MATERIALS
- 2 EFFECTIVE WASTE MANAGEMENT

SITE & LANDSCAPE

- 1 HIGH REFLECTANCE MATERIALS
- 2 BICYCLE RACKS AND SHOWER FACILITIES

WATER MANAGEMENT & CONSERVATION

- 1 LOW FLOW FIXTURES AND FITTINGS
- 2 NO PERMANENT IRRIGATION TO LANDSCAPE



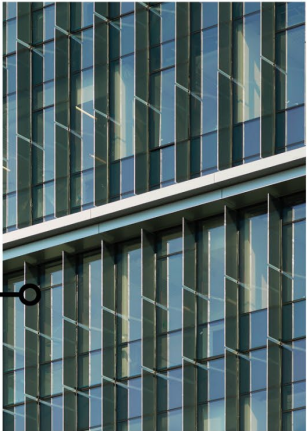
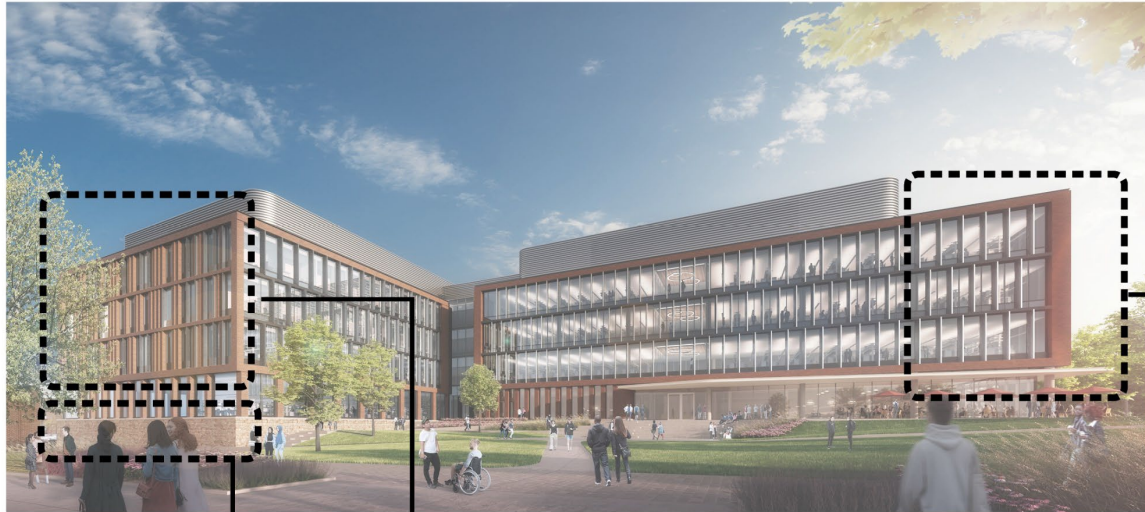
BENCHMARKING

- 1 MINIMUM LEED SILVER

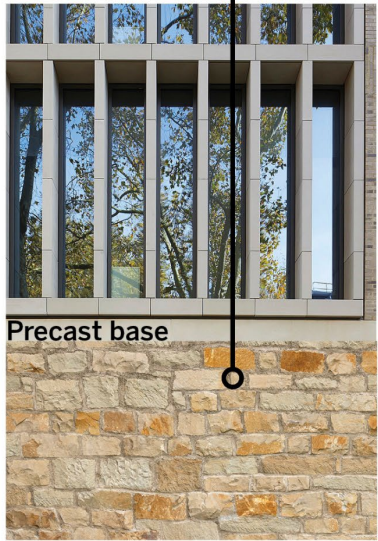
Sustainability Initiatives



Proposed View from Natural Resources Drive Looking Southeast

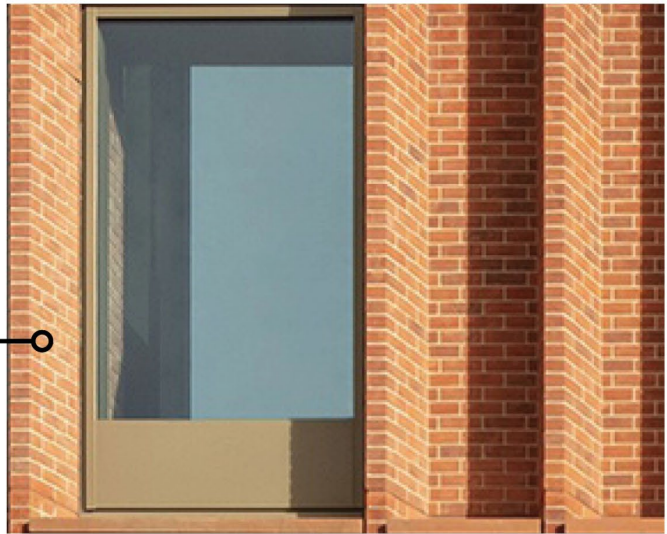


Metal Sunshades



Precast base

Rough Stone Base



Brick Pier Facade



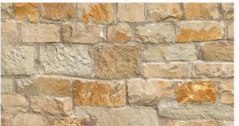
Metal Panel



Precast "Swiss Coffee" Entrance Canopy



Brick



Stone

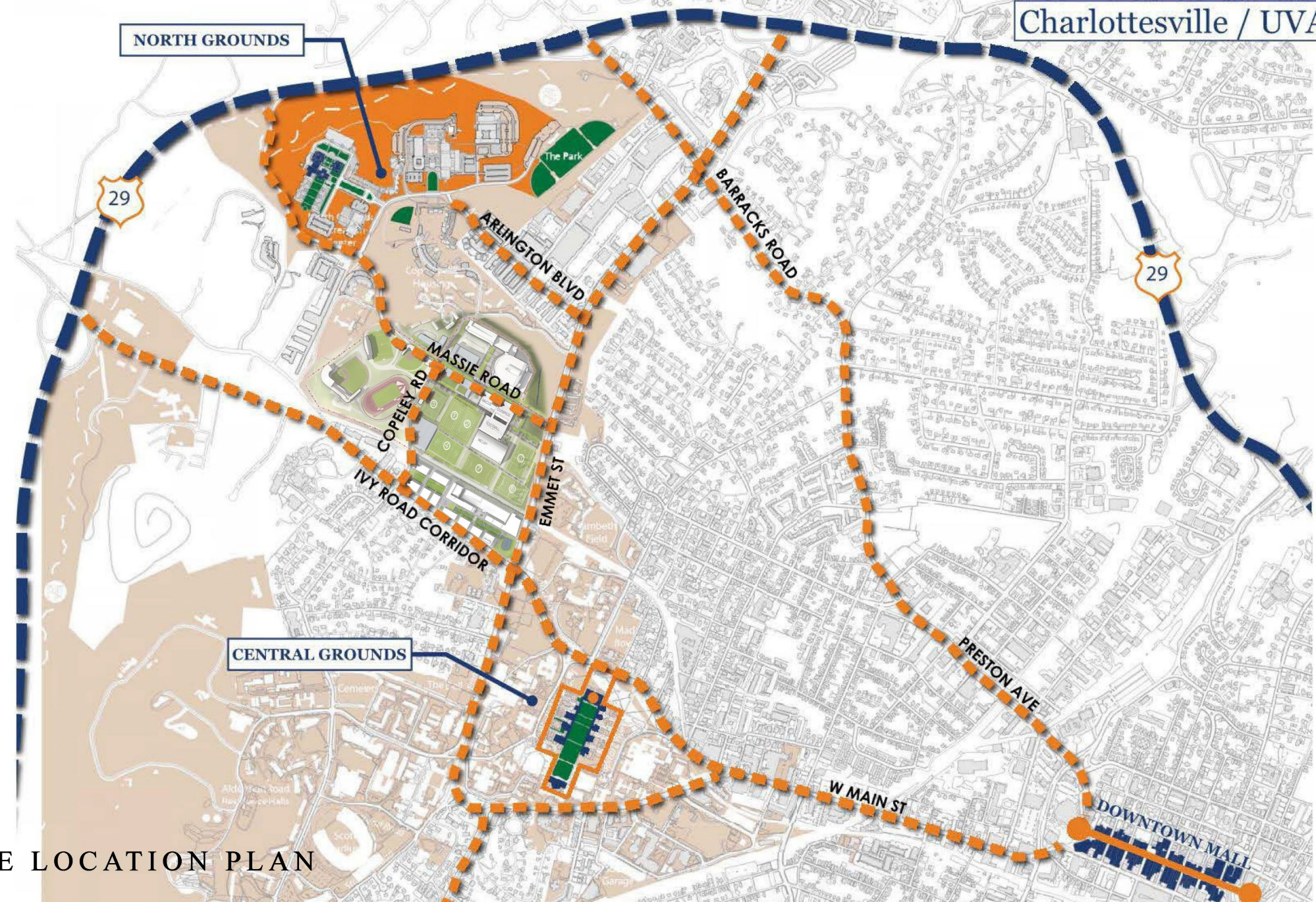
Material Palette



Proposed View From Snyder Looking West

Schematic Design Review: Darden Student Housing

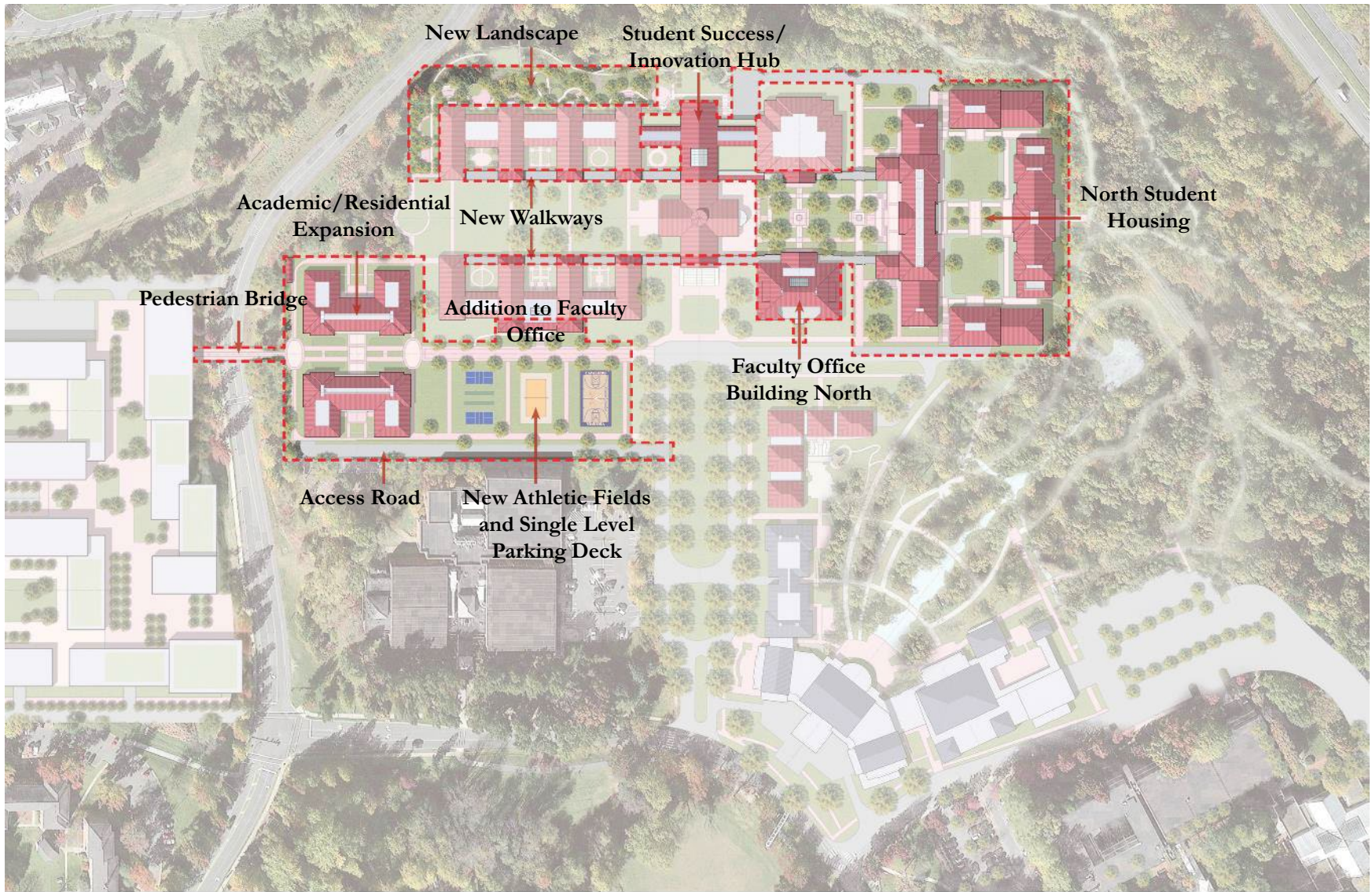




SITE LOCATION PLAN

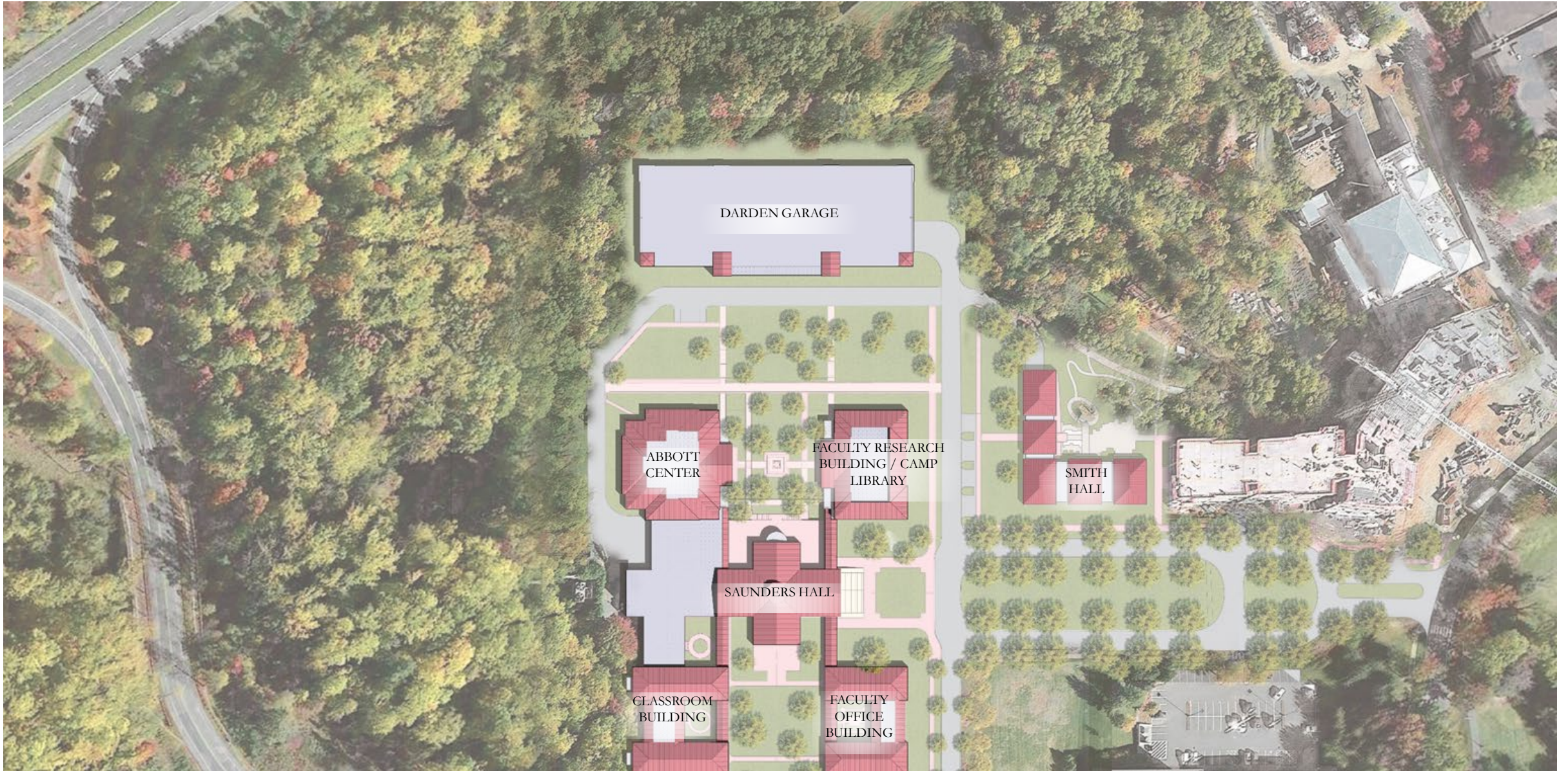


2022 DARDEN VISION PLAN

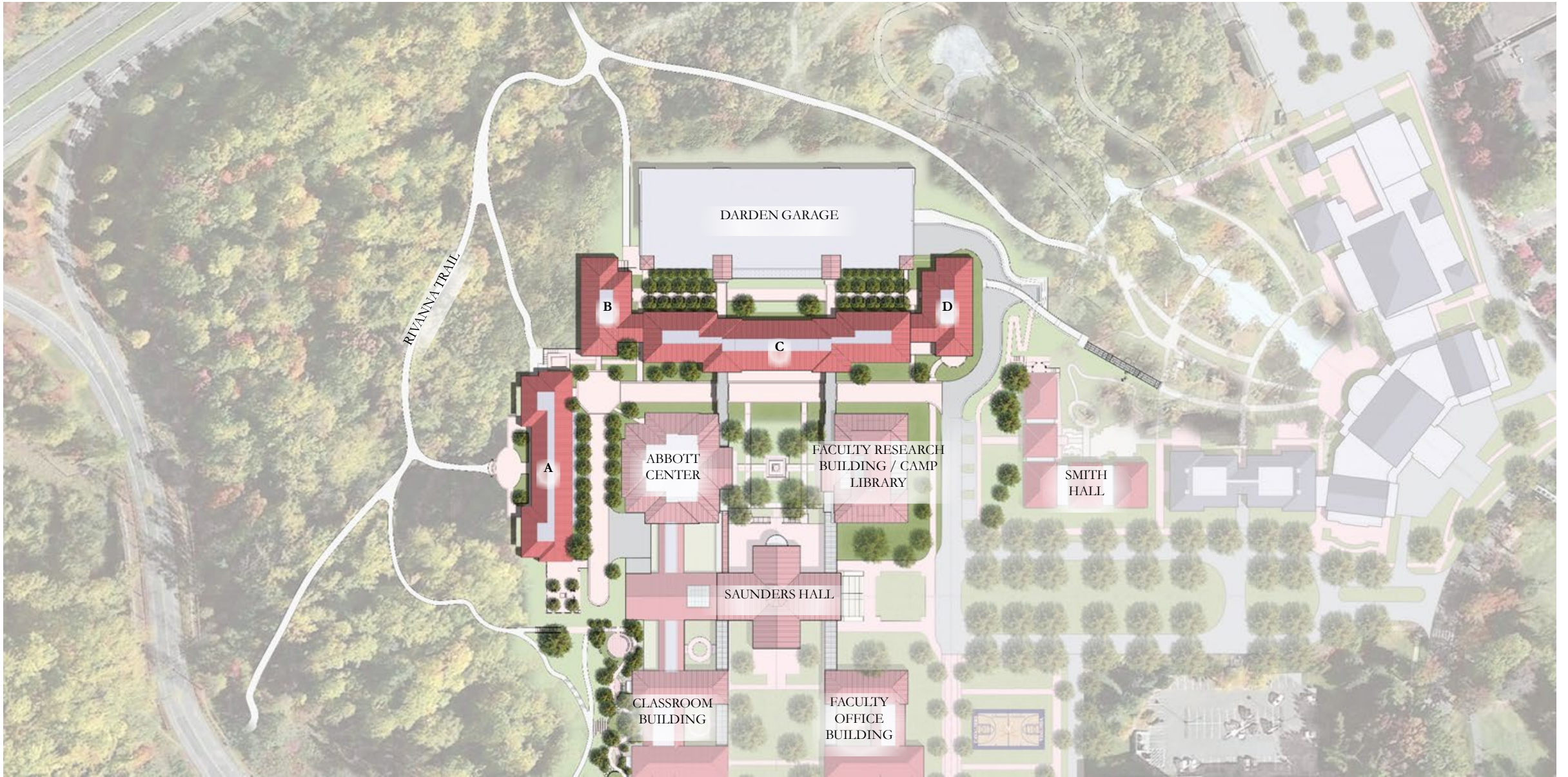


2022 DARDEN VISION PLAN - ADDITIONS

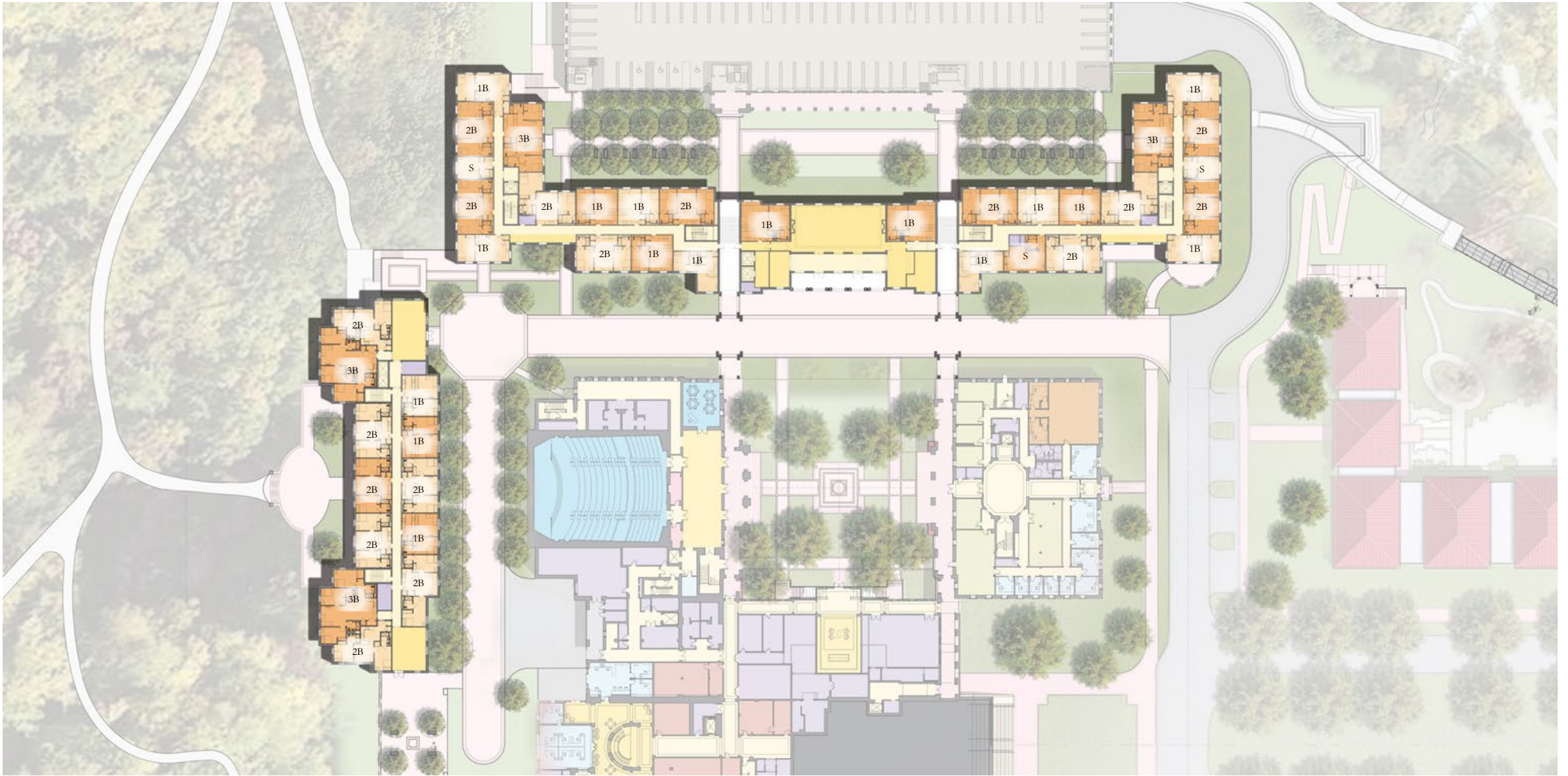




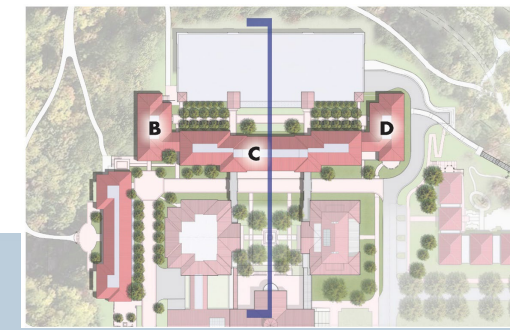
EXISTING SITE PLAN



PROPOSED SITE PLAN



GROUND FLOOR PLAN



KEY PLAN



SECTION THROUGH BUILDING 'C' / WILKINSON COURT





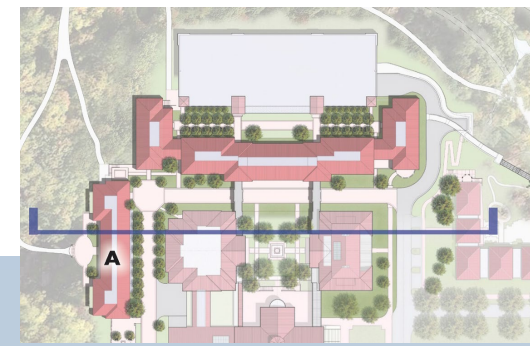
BUILDING B/C/D - SOUTH ELEVATION



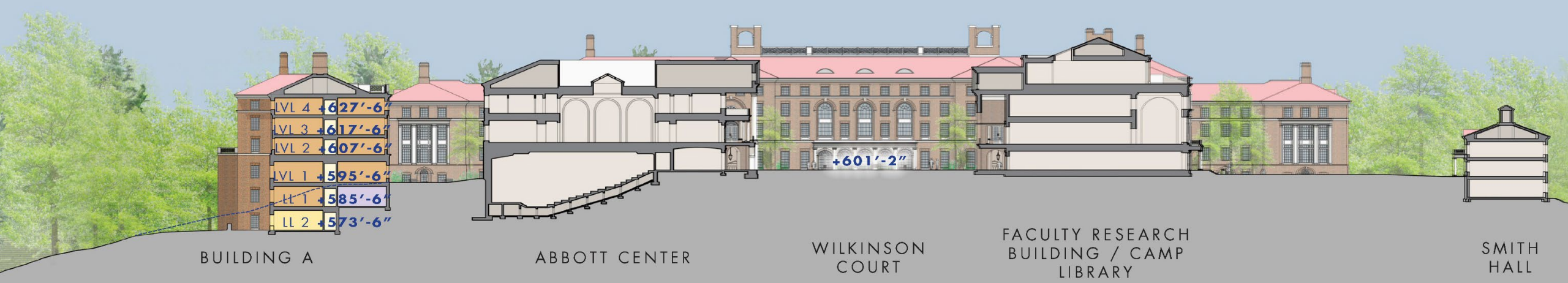
BUILDING B/C/D - NORTH ELEVATION

ELEVATIONS





KEY PLAN



SECTION THROUGH BUILDING 'A' / WILKINSON COURT





BUILDING A - EAST ELEVATION



BUILDING A - WEST ELEVATION

ELEVATIONS





SITE AERIAL - EXISTING



SITE AERIAL - PROPOSED



SITE AERIAL - EXISTING



SITE AERIAL - PROPOSED



DARDEN DRIVE- EXISTING



DARDEN DRIVE- PROPOSED



INNER COURTYARD - EXISTING



INNER COURTYARD - PROPOSED



WILKINSON COURTYARD - EXISTING



WILKINSON COURTYARD - PROPOSED

Report by the Senior Vice President



UVA Major Capital Project Recognitions



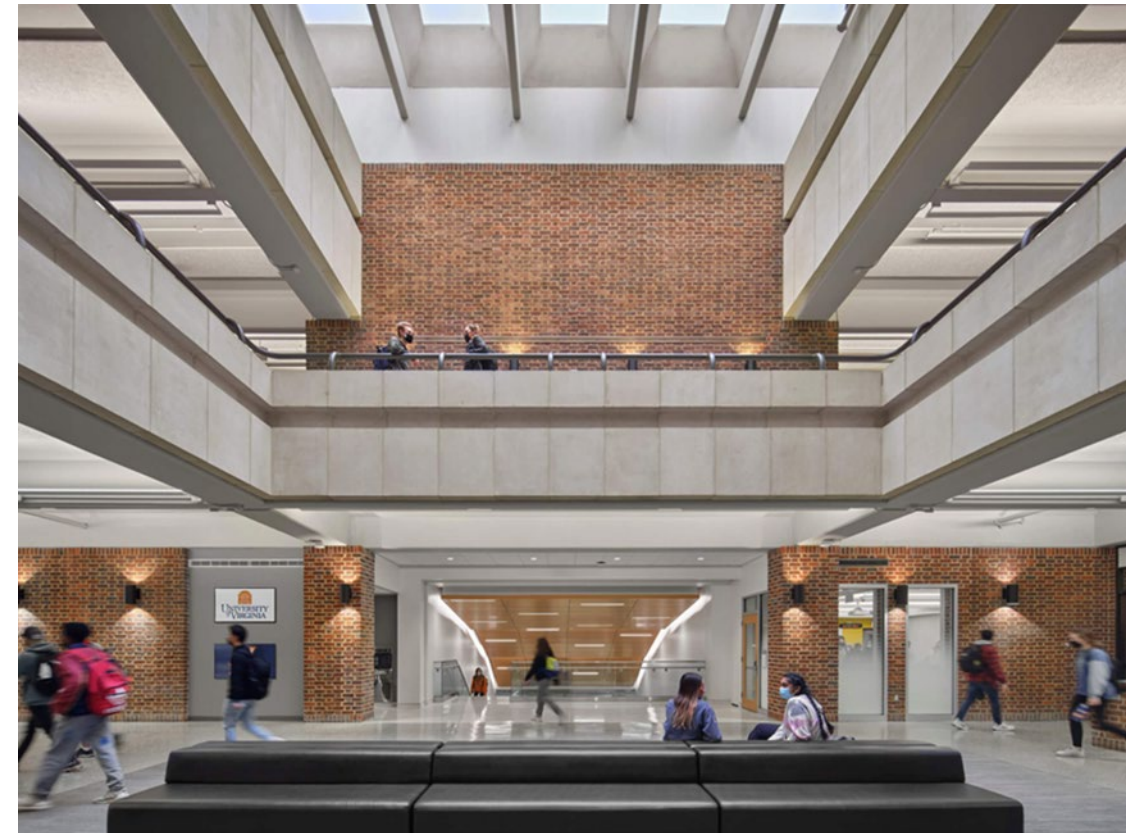
2023 Award of Excellence

Juror's Citation in Institutional Architecture

Gilmer Hall Renovation



**2023 USGBC Virginia Community Leadership
Rise to the Challenge Award
Chemistry Building**



Sustainability @ UVA



Department of Energy
Washington, DC 20585



November 14, 2023

Dear Mr. Ryan,

Congratulations! Due to your organization's efforts, dedication, and commitment, it has achieved its Better Buildings Challenge energy reduction goal by achieving a 27% reduction in total energy use. This has contributed to more than 3 quadrillion Btus of energy saved by partners since the launch of the Better Buildings Initiative in 2011.

The Department of Energy applauds your leadership and support in developing and deploying solutions that benefit our communities, our economy, and our planet. As a Better Buildings Initiative partner, you have helped to accelerate the adoption of emerging technologies and solutions that impact nearly every sector of the U.S. economy.

As a goal achiever, we invite you to work with your program contacts to celebrate your organization's success and share your proven strategies with others. This can be done by sharing your solution on the [Better Buildings Solution Center](#), in person through a site visit, through a peer exchange speaking opportunity, and through the program's social media channels.

We are grateful for your continued partnership and look forward to working with you into the future. Read about the contributions of organizations like yours in the [2023 Better Buildings Initiative Progress Report](#).

Sincerely,

A handwritten signature in black ink, appearing to read "Carolyn Snyder".

Carolyn Snyder, Deputy Assistant Secretary for Buildings and Industry
U.S. Department of Energy

“Better Buildings Initiative Goal Achievers are leaders in decarbonization, energy efficiency, and water and waste efficiency and stand as an example for their peers in the public and private sectors.”

Sustainability @ UVA – Solar Energy

Locations on Grounds



- School of Data Science
- Clemons Library
- Ridley Hall
- Central Grounds Garage
- Old Ivy Road Office Building
- Old Ivy Stacks
- Skipwith Hall
- Alderman substation



SUSTAINABILITY UVA
From the Grounds Up

UVA Apprenticeship Program



Graduates of the 2023 UVA Apprenticeship Program Class



