Agenda

Capital Planning and Projects Update

- Ivy Corridor
  - Landscape Framework Plan
  - Land Use Suitability Analysis

- Brandon Avenue Green Street
  - Upper Class Student Housing
  - Student Health and Wellness Center

- Athletics Master Plan
  - Softball Stadium Site

- Ivy Mountain
  - Musculoskeletal Center
Ivy Corridor Update
FRAMEWORK FOR FUTURE BUILDING PARCELS

Framework plan organizes a series of future building parcels, each with unique characteristics to support a diverse range of uses.
SUITABLE FOR HIGH SERVICE NEEDS

Parcels support uses that require high service and loading demands such as Performance Hall, Museum, Hospitality, and Conference
The Universities' eleven schools are mostly concentrated within Central Grounds, however, two are located in North Grounds, separated by the University Athletics District. The circles here show roughly 10-minute walking distances from the geographic center of each school.

Inherent in its physical location, the Ivy Corridor Site has the potential to be a powerful connector and convening space between the Schools on Central Grounds and those on North Grounds, and to be a vibrant 24/7 neighborhood unifying Grounds.
A wide variety of uses can be accommodated on the Ivy Corridor site – Academic

NEAR-TERM USES

Academic
Flexible Classrooms
Interdisciplinary collaboration and research spaces
Offices, Data Center, IT
Media lab
Creative/ maker spaces

Student Life
Student convening spaces
Flexible performance spaces
Student housing

Specialty uses
Performance Hall
Arts & Museum
Visitor Center
Conference facility

PRIMARY SITE AND PROGRAM CONSIDERATIONS

Programmatic adjacencies and proximity to schools
Aligning parcel size with building footprint requirements
Pedestrian and public transit access
Active ground floor
Service and vehicular access
Pedestrian and public transit access
Larger parcel size to be able to accommodate larger footprints
Significant service, loading and vehicular access requirements
Proximity to parking
Visibility
Maximize program on Phase I site

University Art Museums
- Gallery space
- Academic studio spaces

Interdisciplinary academic
- Classrooms, offices, shared lecture space
- Convensing space

Mixed-Use
- Visitor Welcome Center, IT Center, University administration, potential for hospitality expansion

Hospitality
- Conference, Convening spaces, Ballroom, Break out rooms
- Café restaurants

Performing Arts Center
- 1250-1400 seats

Maximize program on Phase I site
- Potential phase I program
- Civic, university wide program
- Active ground floor, café
Maximize Academic and Arts adjacencies

University Art Museums
- Gallery space
- Academic studio spaces

Hospitality
- Conference Convening spaces
- Café restaurants

Interdisciplinary academic
- Classrooms, offices
- Shared lecture space
- Convening space

Mixed-Use
- Visitor Welcome Center
- IT Center
- University administration

Arrival Court

Performing Arts Center
- 1250-1400 seats

Potential phase I program

Civic, university wide program

Active ground floor, café
UVA IVY CORRIDOR PHASE 1 TIMELINE

WE ARE HERE

- BOV SCHEDULE REVIEW
- BOV LAND USE DISCUSSION
- SITE PREPARATION & DEMOLITION OF BUILDINGS
- CD COMPLETION
- CONSTRUCTION BEGINS
- CONSTRUCTION COMPLETE

2017
- JJASOND
- DESIGN CONSULTANT SELECTION
- DESIGN PHASES BEGIN

2018
- JJASOND
- ROW ACQUISITION BEGINS
- CD COMPLETION

2019
- JJASOND
- CONSTRUCTION BEGINS
- ROW ACQUISITION ENDS

2020
- JJASOND
- CONSTRUCTION COMPLETE

CHARLOTTESVILLE SMART SCALE / EMMET STREET TIMELINE
ATHLETICS AREA MASTER PLAN - EXISTING CONDITIONS
IVY MOUNTAIN MUSCULOSKELETAL CENTER
ILLUSTRATIVE SITE PLAN
SITE SECTION LOOKING WEST
SUSTAINABILITY INITIATIVES

HIGH ALBEDO & GREEN ROOFS
Reduce thermal load on MEP systems
Reduce stormwater flows while providing an extension to the natural habitat

ACTIVE CHILLED BEAMS
Reduce duct size to improve thermal comfort and save energy

FUTURE PHOTOVOLTAIC ARRAY
On-site renewable energy generation to reduce overall energy usage

HIGH PERFORMANCE GLAZING
Reduce both heat load and glare to interior spaces

SOIL REMEDIATION
Building on a brownfield site enables remediation of contaminated soils promoting a more healthy habitat

SOLAR SHADING
Optimized solar shades to reduce solar gain and improve thermal comfort while sustaining a bird-friendly environment

CISTERN
50,000-gal. tank captures roof runoff to supplement water usage @ central utility plant

STORMWATER MANAGEMENT
Creative site strategies that utilize the site for capture stormwater and providing a connection to nature for the building's users

ORIENTATION
Siting of building mass enables maximum daylight penetration into public spaces while facilitating outdoor access

NATURAL VENTILATION/STACK EFFECT
High clerestories that pull warm air out of the building to improve thermal comfort and reduce load on MEP systems

ACTIVE STAIR
Visibility of open stair within the main lobby promotes healthy living.
EXISTING VIEW FROM PARKING AREA LOOKING EAST
PROPOSED VIEW LOOKING EAST TOWARDS THE GARDEN AND TERRACE
Upcoming Studies in Support of Land Use Planning and Capital Projects:

Strategic Framework for Academic Space
UVA manages a complex portfolio of buildings that includes approximately ten million ASF of academic space. The Dumont Janks study will address academic/research and learning spaces in an integrated fashion; explore how UVA can use space efficiently and wisely; and create a rigorous strategic framework to inform future capital-investment decision making.

Administrative Space Plan
UVA's Office of the Architect is working with brightspot strategy to provide a comprehensive look at the current state and future workplace needs for several key administrative units, considering the location, quantity, and quality of their spaces in comparison to each other, broader workplace trends, and their unit’s future vision, growth, and workflow.

Parking and Transportation Study
VHB will develop an updated plan for UVA addressing parking, transportation demand management (TDM) options, and innovations in transportation to better optimize UVA assets. The plan will identify a set of strategies and alternatives to meet and influence the transportation and parking demand for the University over the next 10 years for students, faculty, staff, and visitors.