Art and Architectural Review Board

Agenda

April 1, 2022 at 10:00am

James Monroe Building, Rooms D and E

101 North 14th Street, Richmond, VA 23219

1.0 ADMINISTRATION

10:00am 1.1 CALL TO ORDER
Burt Pinnock, Chair

1.2 PUBLIC COMMENT
AARB Meetings are open for public comment. Rules for public comment can be obtained from the Department of General Services.

1.3 APPROVAL OF MINUTES

1.4 OTHER BUSINESS

2.0 CONSENT AGENDA

10:10am **2.1 Virginia Commonwealth University – MMRB Remove Heat Wheels**
Proposed alterations to the building's HVAC system require the placement of additional rooftop equipment which will require additional roof screening.

2.2 Virginia Department of Military Affairs – Roanoke Readiness Center and CSMS
The project consists Part A – Construction of a new Readiness Center, Part B – Renovation of Building 3 to provide storage and support for the Readiness Center, and Part C – Construction of a CSMS (Combined Support Maintenance Facility), which has a similar mission to the recently renovated and expanded FMS #10 Building located directly adjacent to this project. The CSMS is a vehicle maintenance shop. The Readiness Center will have office space for Delta Company and Chemical Company, and muster space for National Guard soldier training activities. These facilities will not be visited by the public. Building users will be limited to Guardsman and occasionally their families.

2.3 Virginia Military Institute – Post-Wide Safety & Security
Installation of 15 security barriers including fixed and operable bollards, drop-arm gates, wedge barriers, fixed walls, and landscaping barriers. Gates will be designed in two concentric perimeters: an inner operable ring of gates and an outer operable ring. Inner gates are expected to be operated frequently, while outer gates will remain open most of the time. Most installations will have minimal above grade features, a few will include columns, walls, hardscape, or landscaped barriers.

2.4 Old Dominion University – Brock Commons Shade Sails
This small project is to add shade to the existing Brock Commons exterior stage venue. While the stage has a glass cover, the area in front of the stage is too hot to be actively used, including as a farmers' market which was started last summer. There are four shade sails proposed. We evaluated the capacity of the existing glass roof to act as one of the supports for the shade sails as well as the existing stage light poles. Neither of

the options were structurally viable, so we settled on the idea of installing new poles that would support both the sails and the stage lights at the location of the existing poles so we could combine the sail support structure while maintaining the stage lighting. While not shading the entire plaza they will provide a reasonable shade zone on each side.

2.5 Virginia Community College System – GCC Construct Bus Stop Shelter - Dickinson Building

This Bus Stop Shelter will be located to the east of the main entrance to the Dickinson Building, one of three Academic/Administration Buildings on the Fredericksburg Campus of Germanna Community College. An existing sidewalk and associated curb cuts will provide easy access to this Bus Stop Shelter. This shelter is generally described as a three-sided, 4' x 8', dark bronze, anodized aluminum framed structure with ¼" tempered glass side panels and white acrylic translucent roof panels. The shelter will also be equipped with an aluminum bench along the back wall. This shelter will sit on a 6' x 10' concrete pad, which will be contiguous with the existing sidewalk. The installation of this Bus Stop Shelter is intended to enhance and promote the use of public transportation at the Fredericksburg Campus of Germanna Community College.

2.6 Virginia State University – Lucretia Campbell Hall HVAC Replacement

The project scope for this 1928 vintage residence hall with 3-stories of student rooms is to replace the existing HVAC system with a new variable refrigerant flow heating and cooling system which will include a dedicated outside air system for ventilation. Installing this upgrade will allow the existing window air conditioning units to be removed. This new HVAC system will require exterior mechanical equipment which will be enclosed within an eight-foot tall aluminum fence per Virginia State University's Design Manual and will include an aluminum gate for access. In addition to the fence, landscaping will be planted around the fence to help screen the equipment. The University intends to solicit additive bids to have brick piers instead of aluminum fence posts.

2.7 Virginia State University – Seward Hall HVAC Replacement

The project scope for this 1927 vintage residence hall with 3-stories of student rooms is to replace the existing HVAC system with a new variable refrigerant flow heating and cooling system which will include a dedicated outside air system for ventilation. Installing this upgrade will allow the existing window air conditioning units to be removed. This new HVAC system will require exterior mechanical equipment which will be enclosed within an eight-foot tall aluminum fence per Virginia State University's Design Manual and will include an aluminum gate for access. In addition to the fence, landscaping will be planted around the fence to help screen the equipment. The University intends to solicit additive bids to have brick piers instead of aluminum fence posts.

2.8 Fairfax County Department of Transportation – HAVEN Bicycle Shelters

Fairfax County intends to install the submitted, free-standing, bike shelters at transit hubs throughout the County to provide secure end of trip facilities for transit commuters that cover the first and last mile, by bicycle. These shelters are proposed to be used near Metro Stations, Virginia Railway Express Stations, and Park & Ride lots. This product would initially be installed at the Backlick North Park & Ride and the Gambrill Road Park & Ride.

3.0 PROJECT REVIEWS

3.1 Virginia Tech – Life, Health, Safety, Accessibility & Code Compliance

The project is approximately 1,555 gross square feet and is comprised of two separate standalone structures. The lower level of the two structures provides two, two-stop elevators from the Perry Street elevation (level 1) to the intermediate level between Derring Hall and Cowgill Hall (level 2). The upper level structure provides two, two-stop elevators from level 2 to the Tech Plaza level (level 3). A new accessible route will be created by the completion of these structures which will provide a more direct accessible route to key academic facilities in the district and beyond.

3.2 Virginia Department of Transportation – Ruffin Mill Salt Storage Building

Area: 20,240 GSF
Number of Stories: 1
Building Height: 52'-0" +/-
Building Form: Rectilinear; 110'-0 wide by 184'-0" long
Roof form: Curved
Exterior wall construction: Reinforced concrete walls (10'-0" tall)
Roof Construction: Pre-Engineered Frame-Supported Membrane Roof (Reinforced fabric)
Use: Salt and Abrasive storage
Use Group Classification: S-2, Low Hazard Storage Occupancy
Salt Storage Capacity: 9,000 TON
Occupant Load of Building: 41 (this building is not typically occupied)
Seasonal Use: Snow Removal Season

3.3 Science Museum of Virginia – Green Space

Cosmic Perception is a new steel sculpture made up of a series of kaleidoscopes which are viewed from the around and within the sculpture. The proposed sculpture is approximately 24'w x 35'l x 24'h located on a plaza within the new Green Space which has replaced the surface parking at the museum.

3.4 Richard Bland College of William & Mary – DroneUp Flight Academy

Richard Bland College of William & Mary, working with both Drone Up and the state's economic development team, was selected as a main training hub for drone flight and delivery training in support of a large national retailer and manufacturer. Although the actual building is of smaller scale, 320 total SF, the potential education and business impact for the region could be substantial. Through tested design, the final proposed result is a 2-story structure with a 3rd level observation deck, and it encompasses office space, control tower simulation and 360 degree viewing of all training exercises. Due to functional requirements of the drone training protocol, it was determined that the best location for this building would be adjacent to the new Academic Innovation Center along the main campus drive Carson Road. Working with RBC and the design team, the originally proposed exterior architecture evolved to match the established campus design guides, ultimately settling on ACM exterior finish painted in a lazy grey and a 3 ft continuous brick skirt ledge. The larger opportunity for this training facility is to create 1) a private multi-week certification program for drone training, and 2) an educational opportunity for RBC students to access future drone programs through developed curriculum - the result being a shared resource. To support the new training building, a concrete pad is also proposed to

provide a location for a mobile flair tower. This mobile component will allow varying vantage points for drone training review and analysis, and likewise provide opportunities for any and all accessibility.

3.5 Virginia Commonwealth University – Arts and Innovation Academic Building (AIAB)

The proposed VCU Arts and Innovation Academic Building (AIAB) will consist of learning, making, collaboration, performance, exhibition, and support spaces for VCU departments of Theater, Dance, Music, Cinema, and Communication Arts, as well as the da Vinci Center, the Center for Arts and Health Innovation, the Center for Arts and Athletics, and the Center for the Creative Economy. The proposed building is 208,660 GSF (per the CPSM calculation method), with 8 occupied stories above grade and a single programmed story below grade.

3.6 Virginia State University – Admissions Building

Area: 31,458 GSF
Number of Stories: 3
Building and Roof Forms: Building's roof is flat with south-facing overhang at 3rd floor and at building entrance.
Exterior Materials: The building is predominantly veneer masonry in the campus standard blend with a granite base. Additional materials include aluminum composite metal panel walls and canopies, and aluminum curtainwall and windows.

4.0 ANNOUNCEMENTS

**Next AARB Meeting is May 6, 2022.

5.0 MEETING ADJOURNED