

This is a COA Level II application for the University of Vermont (UVM; The University) to construct a new multi-purpose team support building at the northeast corner of Virtue Field. The project will also include utility connections and improvements to the walkways adjacent to the building. This support building was permitted in 2012 (ZP 12-0936CA) as part of the improvements to the existing playing field, including open air bleachers, lights, press box, bathrooms, locker rooms, concession stand, paving, and landscaping. However, the support building was never constructed. The original estimated cost in ZP 12-0936CA was \$3,800,000; the actual construction cost was \$2,604,509; the estimated construction cost for the new support building is \$2,400,000. The actual construction cost plus the estimated construction cost is \$5,004,509. We request that the application fee for this project be based on the net increase construction cost of \$1,204,509. Construction is tentatively scheduled for early April 2022.

### Project Scope

The proposed building is 4,640 gross square feet and includes four team rooms, a training room, an official's room, a multi-stall women's restroom, a multi-stall men's restroom, a gender-inclusive single-occupancy restroom/family room, three mechanical rooms, a ticket booth, and a concession area. The public entrance for the restrooms and the ticket booth will be on the east side of the building and the concession counter will be on the south side of the building. A new concrete walkway will also be constructed around the building. According to the program, food will only be distributed from the concession area; all production, manufacturing, and packaging of food will occur elsewhere.

### Construction

The exterior building materials exposed to view consist of the following: 4" brick veneer, colored mortar, wet-seamed composite metal panels, color-matched sealant, powder coated aluminum storefront system, field painted hollow metal doors and window, stainless steel countertop at concession and ticket windows, powder coated aluminum concession transaction windows, powder coated mechanical louvers, clear insulated glass panels with aluminum fascia, wet-seamed composite metal panel soffits, EPDM standing seam roof, and color matched snow guards on the roof.

### Size, capacity, height, building bulk

The amenities provided in the building are displacing amenities in existing facilities, thus the new building will not result in a net increase of building users (students, faculty/staff, and visitors). The height of the building is roughly eighteen feet to the apex of the gable in the center of the building.

### Yards, courts, setbacks

The new building is within the UVM Athletic campus and is set back from all surrounding streets.

### Parking and traffic circulation

Since the building will not increase the number of users, the traffic volume and circulation patterns will remain the same and there will not be an increase in parking demand.

### Noise

The new building will not produce any new sources of noise.

### Lighting

All outdoor lighting will conform to IESNA standards. The building contains both recessed exterior soffit light fixtures and wall mounted fixtures; no additional light poles will be added.

### Landscaping

A new concrete walkway will be constructed around the building. New swing gates and fencing will also be installed on the walkway, including an 8' high ornamental double-swing gate on the east side of the building controlling access to the central walkway between Moulton-Winder Field and Virtue Field. The new fencing will connect to existing fencing located on both fields.

### Stormwater and Erosion Control

The project was originally permitted under operational stormwater discharge permit 3753-INDS.A1, which has since been incorporated into UVM's MS4 permit. Runoff from the project is collected and piped to the Southwest Campus Stormwater Treatment Facility #1 for detention and treatment before discharging to Englesby Brook.

A site specific erosion prevention and sediment control design has been completed for this phase of the project. A Low Risk Construction General Permit will be obtained from the Vermont Watershed Management Division.

While this project was originally permitted with the City, the University will continue to work with the Burlington DPW Stormwater Program Manager regarding the review of both operational and construction stormwater designs.

### Water & Wastewater

This phase of the project does not propose an increase of water or wastewater flows. A new pump station and forcemain is proposed to pump sewer flows to the existing gravity system that is located east of the Gutterson Field House. The proposed building footprint is located over a portion of an existing waterline so the waterline will need to be relocated and a new service line will be extended to the building.

### Lot Coverage

The new building and surrounding walkway will yield 7,550 square feet of net-new impervious surface. However, there were additional corrections made to UVM's lot coverage database since the last permit submittal that increased the lot coverage for the ICC-UVMS parcel from 41.04% to 42.39%; with the addition of the Virtue Field Support Building, the lot coverage will then increase from 42.39% to 42.55%.

Based on the net increase construction cost of \$1,204,509, we estimate the application fee to be \$2,804.92