**Upcoming Formal Capital Projects**

**(September 5, 2023)**

* **Smith & Friday** **HVAC & Controls** - The project is to have the existing obsolete Building

Automation Systems (BAS) demoed/removed from the buildings and replace with new full direct-digital control (DDC). Update and adjust (where needed) building controls sensors, variable frequency drives, sequence of operations to meet current building operational requirements. Update building graphics, trends and alarms where applicable.

* Project Manager: William Finley, wfinley@charlotte.edu
* Designer: McKim & Creed (Friday) and CMTA (Smith)
* Construction Delivery Method: Single Prime
* Advertise for Bids: Winter 2024
* Construction: \*Projected Spring 2024
* **Woodward Controls & Lab HVAC** – The proposed project is for Woodward Controls upgrades due to the current systems are outdated. The upgrades to the Woodward Controls will include design for the following: New LON controllers on VAV’s, AHU’s and miscellaneous equipment, new pneumatic actuators to electric (Dampers and valves on AHU’s), upgrades to the Phoenix controls from pneumatic to DDC, replacement of Vivarium Room DP sensors with monitors with local displays and door monitoring, and review design of glycol systems for AHU’s #5 & #6 as current units do not have supplemental heat.
* Project Manager: William Finley, wfinley@charlotte.edu
* Construction Delivery Method: Single Prime
* Designer: McKim & Creed
* Advertise for Bids: Early Winter 2024
* Construction: \*Projected Winter 2024
* **Greek Village HVAC & Kitchen Upgrades** - The project is to design services for HVAC and kitchen upgrades in Greek Village for 13 housing units located on the UNC Charlotte Campus. The advance planning will determine which of the following scenarios will be provided to upgrade the system: Direct Replacement with System Improvements, VRF-Similar Unit Configuration with System Improvements, VRF- System Re-Zoning.
	+ Project Manager: William Finley, wfinley@charlotte.edu
	+ Designer: Devita & Associates, Inc.
	+ Construction Delivery Method: Single Prime
	+ Advertise for Bids: Winter 2024
	+ Construction: \*Projected Spring 2024
* **Atkins AHU #3 Repair** - Design and specifications for temporary spot type coolers/ rental units to support the existing load requirements. Design will include removal and disposal of existing coils and piping and any deteriorated drain pan material and subflooring. The scope of work will include installing new cooling coils, new stainless- steel drain pans, new subflooring and new condensate piping. and new fire-smoke dampers/actuators downstream of the air handler. Design team shall conduct Retro-commissioning to identify system deficiencies. Controls design shall include upgrading the existing controls and Tridium JACE network controllers with new BACnet IP/MSTP controllers, replacement of existing pneumatic controls to electric, existing Ahu sensors and control valves and damper actuators. Provide new secondary BACnet/MSTP and/or BACnet/IP communications to DDC pan. Provide a full-scale building control system operating per the owner approved sequence of operation. Replace Variable Frequency Drives: SF-1, SF-2, RF-1, RF-2.
	+ Project Manager: William Finley, wfinley@charlotte.edu
	+ Designer: CMTA
	+ Construction Delivery Method: Single Prime
	+ Advertise for Bids: Fall 2023
	+ Construction: \*Projected Spring 2024
* **RUP 2 HVAC & Controls** – The project will include the design scope of the following items:
Control Systems, Upgrading the existing LON controls and Tridium JACE network controllers with SE EcoStruxure BACnet IP controllers and Automation servers (network controllers), Removal of the existing TEKWORX Optimization packag Replace existing immersion temperature sensors (reuse existing sensor bulb wells), Replace existing space sensors and ODA sensors, Replace all existing flow meters, control valves and damper actuators, Provide secondary BACnet/MSTP and/or BACnet/IP communications to DDC panels, Conduct Retro-commissioning to identify system deficiencies, and to help with design decisions, Design a full-scale building control system operating per the Owner approved sequence of operation.
	+ Project Manager: William Finley, wfinley@charlotte.edu
	+ Designer: McKim & Creed
	+ Construction Delivery Method: Single Prime
	+ Advertise for Bids: Winter 2024
	+ Construction: \*Projected Early Spring 2024
* **Fretwell, Reese, and Memorial Fire Systems** - The project will upgrade the existing fire alarm and suppression systems in Fretwell. Reese includes updating existing fire alarm systems and expansion of suppression systems Memorial may require a new fire sprinkler system.
	+ Project Manager: William Finley, wfinley@charlotte.edu
	+ Designer: RMF Engineers
	+ Advertise for Bids: Fall 2023
	+ Construction: \*Projected Early Winter 2024
* **Cone North Roof** – Removal and replacement of approximately 30,000 SF roofing.
	+ Project Manager: Patrick Jones, pajones@charlotte.edu
	+ Designer: SKA Consulting Engineers
	+ Advertise for Bids: Early Spring 2024
	+ Construction: TBD – \*Projected Summer 2024
* **Holshouser Roof Replacement** – Removal and replacement of approximately 10,200 SF of roofing.
	+ Project Manager: Patrick Jones, pajones@charlotte.edu
	+ Designer: SKA Consulting Engineers
	+ Advertise for Bids: Early Spring 2024
	+ Construction: \*Projected Summer 2024
* **Cameron Roof and Windows** – Removal and replacement of the second floor windows during construction of the interior renovations. In addition, removal and replacement of approximately 35,000 SF of roofing will be included in the RFP.
	+ Project Manager: Patrick Jones, pajones@charlotte.edu
	+ Designer: Walter P. Moore
	+ Advertise for Bids: TBD
	+ Construction: \*TBD
* **West Deck Elevator Replacement** – The proposed project is for the design and construction of West Parking Deck Elevator Modernization located on the UNC Charlotte campus. Located on the south end of the deck, the current elevator is hydraulic, has a 2500lb capacity and has no stretcher accommodation. The existing elevator equipment was engineered and installed in 1996. Existing controls are Schindler MPH II. Modernization of the existing elevator will be determined in design to be accomplished within budget.
	+ Project Manager: Patrick Jones, pajones@charlotte.edu
	+ Designer: K2M Design
	+ Advertise for Bids: Early Spring 2024
	+ Construction: \*Projected Spring 2024
* **Duke HVAC & Controls** – The project scope consists of the removal of the existing obsolete Building Automation Systems (BAS) removed/demoed from the building and replace with new full direct-digital control (DDC). Update and adjust (where needed) building controls sensors, variable frequency drives, sequence of operations to meet current building operational requirements. Update building graphics, trends and alarms where applicable.
	+ Project Manager: William Finley, wfinley@charlotte.edu
	+ Designer: RMF Engineers
	+ Advertise for Bids: Fall 2023
	+ Construction: \*Projected Fall 2023

* **Reese Exterior Envelope** **Repairs** – The Reese building was constructed in 1982 on the UNC Charlotte campus. An internal assessment of the condition of the exterior walls and windows found deteriorated conditions around the existing aluminum windows and curtainwall system that are leaking. This project will replace the exterior existing aluminum windows and curtain wall systems to protect the interior of the building from the external environment and reduce energy costs.
	+ Project Manager: Attila Gergely, pajones@charlotte.edu
	+ Designer: Walter P. Moore & Associates
	+ Advertise for Bids: Fall 2023
	+ Construction: \*Projected Fall 2023

* **Rowe Exterior Envelope Repairs** – The Rowe building was constructed in 1971 on the UNC Charlotte campus. The existing building is experiencing leaks and water entering the building which is causing damage to the interior of the building elements. An assessment of the condition of the exterior walls and windows by a third-party engineering consultant found deteriorated wall flashings and sealants around the existing windows that are leaking. This project will replace existing clerestory window flashings and sealants, and seal existing brick and precast concrete exterior wall panels.
	+ Project Manager: Attila Gergely, agergel1@charlotte.edu
	+ Designer: REI Engineers
	+ Advertise for Bids: \*T.B.D.
	+ Construction: \*T.B.D.

* **Kennedy Second Floor Exterior Renovations** – The partial renovation of the second floor will convert 859 SF of existing instructional space to provide collaborative space for the Center for Teaching and Learning, AISLE and Distance Education departments.
	+ Project Manager: Doug Walters, dwalte22@charlotte.edu
	+ Designer: Gensler
	+ Advertise for Bids: Summer 2023
	+ Construction: \*Projected Fall 2023

* **Upper Prospector Renovation** – The project will provide Advance Planning for the comprehensive renovation of dining facilities in the 200 level of the Prospector building. The scope of work will include interior demolition and new interior construction of approximately 16,700 square feet. The project includes a new layout with new food venues, seating areas, finishes, lighting, replacement of food service equipment, replacement of mechanical, electrical distribution and exhaust systems.
	+ Project Manager: Amanda Caudle, afelock@charlotte.edu
	+ Designer: Biloba Architecture, PLLC
	+ Advertise for ConstuBids: Early Winter 2024
	+ Construction: \*Projected Spring 2024

* **Richardson Stadium Expansion** – The project will encompass a phased expansion of Jerry Richardson Stadium to include the addition of a four-story tower on the west side of the venue, as well as seating growth on both the east and west sides of the stadium. The tower would include large plaza and mezzanine donor/team spaces, as well as a dedicated suite level and a game operations level, to include coaches’ boxes, working media, TV and radio spaces, as well as separate Chancellor and Athletic Director’s suites. Seating would expand on both sides of the stadium, increasing capacity from just over 15,300 to over 30,600, effectively doubling the capacity of the venue.
	+ Project Manager: Jeanine Bachtel, jbachtel@charlotte.edu
	+ Designer: Interviewing design firms on 9/11/23
	+ Advertise for Construction Bids: TBD
	+ Construction: TBD
* **Student Health Center Renovation** – The project is for the renovation of approximately 12,000 SF of the Student Health Center. The project will include the renovation of existing space to optimize use and patient experience, and enhance collaboration and function to improve efficiencies.
	+ Project Manager: Lisa Lanier, llanier@charlotte.edu
	+ Designer: Award by end of September 2023
	+ Advertise for Construction Bids: Winter 2024
	+ Construction: \*Projected Summer 2024
* **Burson Renovation –** The project will include project-based engineering labs, active learning classrooms, collaboration space and specialized data visualization and simulation labs to support growing engineering and computing programs. Computational research space, academic and administrative office space will be included in the building. Mechanical, electrical, plumbing and fire-protection systems will be upgraded. The project will address building code and ADA deficiencies. The College of Engineering and the College of Computing and Informatics will be the primary departments located in the building.
	+ Project Manager: TBD
	+ Designer: EYP Architecture and Engineering
	+ Advertise for Construction Bids: Projected Fall 2023
	+ Construction: \*Projected Winter 2025

Note: **Dates listed are tentative and subject to change per requirements.** Project specific information and/or updates will be posted to **http://facilities.uncc.edu/advertisements**. Information about Facilities Management is available at http://facilities.uncc.edu. Refer to the **Vendor Information Guide** – **http://facilities.uncc.edu/VendorGuide** for information on “doing business with” UNC Charlotte. For additional assistance or to be added to the UNC Charlotte Vendor Distribution List, contact the University Program Manager/HUB Coordinator, Darryl P. Young, at 704-687-0533 or **Darryl.Young@charlotte.edu**.