Carleton College
Science Building Complex & Utility Master Plan
Weekly Construction Update

TODAY’S DATE: January 24th, 2019

Top Left: View of metal panels and louvers on the South elevation.

Top Right: Interior storefront glass is getting installed on the atrium side of 1st floor labs.

Bottom Left: Elevator B on 2nd floor.

Bottom Right: Offices on 2nd floor after paint and ceiling grid.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF JANUARY 28TH AND FEBRUARY 4TH

Exterior Enclosure/Interior Buildout: On the exterior of the building, Berwald (metal panels contractor) continues installing the underlayment track and metal panels on the South elevation of the new addition. They have made great progress as they are approaching halfway point on the South elevation. Commercial Roofing (roofing contractor) has finished up graveling the low roof above the loading dock. They are continuing to install the sheet metal flashings and copings to direct the rain water off the roof. Next week, McGough’s masonry group will be installing coping stones on the west and east earmuffs of the new atrium space. Twin City Glass (Glazing contractor) continues detail work on the South entrance as well as continue to install remaining punched window openings at the addition remaining until we are 100% fully enclosed. The punched openings can easily be temporarily closed off to prevent heat loss and precipitation from entering the finished spaces. These windows along the South and East sides of the addition will be the last pieces of the exterior facade to get installed. Along with this, they have begun setting interior window frames between classrooms in the 2nd floor lab area. Glass has begun to get installed in select rooms on 1st floor.

Moving to the interior of the building, contractors continue working on the “dance floor” in the atrium as they continue ceiling work in the 3-story atrium space. Olympic continues light-gauge-metal-framing on the atrium ceiling to allow the perforated metal ceiling panels to attach to a substrate. They are wrapping up fireproofing the 1st floor loading dock while continuing framing walls on 1st floor south, sheet-rocking bathroom ceilings on 2nd floor, sheet-rocking bathroom, and taping office area on 3rd floor, taping soffits in the atrium, and framing walls in the basement and build shafts for elevator A. Also on the dancefloor, Sonus Interiors (flooring and ceiling contractor) is shooting their overhead supports into the metal roof deck that will hold up the atrium ceiling panels when they begin installation in the next few weeks. They continue ceiling grid installation on the 2nd floor before moving up to begin lab area on 3rd floor within the next week or two. Next week, Gephart (electrical contractor) is continuing to install lighting and power in the freight elevator hoist way, installing wiremold in 1st floor labs, installing lighting controls on 2nd floor, light fixtures on 2nd floor, and work in the electrical rooms on floors 1st through 3rd. Harris (mechanical contractor) is working on the North duct on 1st floor, bringing mechanical services to the overhead service carriers on 2nd floor, overhead plumbing on 3rd floor, misc. mechanical work within the penthouse. McGough’s carpenters are setting the door frames in the basement as well as installing backing within the stud cavities. Cosney (laboratory casework contractor) brought in their 2nd floor lab casework this week and have begun installation. Otis (elevator contractor) continues working on Elevator B installation.

Work continues down in the East Energy Station with Harris and Gephart continuing to install HVAC pipes, ductwork, electrical conduit, main switchgear, etc. The new multistack has arrived onsite and was flown down to into the East Energy Station yesterday morning. This piece of equipment is the brains behind the entire mechanical system for the Science Addition, making this a huge milestone to have this equipment installed in its final location. Since the East Energy Station is not only a mechanical room for the new science addition but also houses all mechanical infrastructure to support the campus-wide geothermal system, the buildout of this level is a huge undertaking and will take an incredibly long duration to complete (these activities will likely be ongoing until late spring of 2019).

The campus, and surrounding neighborhoods, can continue to expect heavy multi-axle truck traffic next week as we continue to move material to and from the project site along Olin Road. As Twin City Glass continues their window installation, they will have large deliveries for the next several weeks until the building is fully enclosed. Berwald will also have large deliveries with their
metal panels continuing to get installed on the exterior skin of the building. Given the small laydown area we must work with, there is not adequate room to stage large quantities of material onsite at any given time. This requires all vendors to coordinate “just-in-time” deliveries with the McGough Superintendents and Foremen in order to create an efficient and effective delivery and installation work flow. Project team members are utilizing a small “boneyard” at the base of the tower crane where they are storing the steel going in that same day. As always, safety is our #1 priority on this project and all McGough projects alike. We strive to make sure every worker, faculty member, and student goes home safely each and every night. We have installed temporary provisions to protect all students and faculty from the increased traffic. We implore everyone to practice “Heads up Commuting” while walking or biking in this area. If you have any ideas on how to improve any of these safety measures as you come upon them, please speak up! Additionally, please feel free to tune in to Carleton’s live webcam to view our progress at the following web address: https://apps.carleton.edu/campus/doc/Sci_Plan_Const/Updates/

Week of January 28th— Penthouse wall louvers. 3rd floor lab ceiling grid.

Week of February 4th— Basement level lab sheetrock brings. 1st floor pull #2 South tape/mud. 3rd floor lab light fixtures. 3rd floor lab interior aluminum windows. 3rd floor office paint. Atrium soffit painting.

**Upcoming Owner Coordination Items:**

- **Olin**
  - Relocate roof screening wall
  - Complete CS Box structure (3rd Floor and roof)
  - Demo 2nd Floor exterior façade (East ear muff)

- **Hulings**
  - Interior build out at new 2nd floor infill where stairwell existed
  - Complete penthouse work (Roof)
This and next week’s highlighted focus: