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

TODAY’S DATE: April 11th, 2019

**Top Left:** View of the Atrium from the west 3rd floor bridge.

**Top Right:** 2nd Floor office areas ceilings padded out.

**Bottom Left:** 1st Floor loading dock, shipment and receiving area.

**Bottom Right:** Ceiling grid and light fixtures installed in basement labs.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF APRIL 15TH AND APRIL 21ST

Exterior Envelope: On the exterior of the building, Berwald (metal panels contractor) continues installing the standing seam metal panels on the exterior of the atrium next week (weather permitting) as well as the flat seam panels on the mechanical penthouse of the addition. McGough’s masonry group continues to work on infilling the East exterior façade by the loading dock where the material skip used to sit. Twin City Glass (Glazing contractor) continues detail work on the South entrance as weather permits. Along with this, they are covering and caulking the louvers and south entrance curtainwall. As spring is officially, over the coming months we will begin our site work. This will include the seating area around the majestic oak to the South of the addition as well as sidewalks and misc. landscaping.

Interior Buildout: Moving to the interior of the building, we have hit a major milestone as a project team: the disassembly of the dance floor and atrium scaffolding! After many months of arduous work, it’s truly eye-opening to see the open atrium once and for all! Sonus Interiors (flooring and ceiling contractor) is continuing to pad out ceilings on 1st and 2nd floor labs and offices. Olympic (Drywall Contractor) is continuing to frame stair D and stair 3, as well as wrapping up taping walls in the main corridor on 2nd and 3rd floor. Next week, Gephart (electrical contractor) will continue misc. electrical work in the electrical rooms on all floors as they are finalizing tie-ins to the panels on each floor. Harris (mechanical contractor) is working on filling and flushing the heating and cooling system, performing point-to-point checkout on all mechanical and plumbing equipment, and continuing to install runtal units and lab fixtures on all floors. Cosney (laboratory casework contractor) is working on 3rd floor casework and fume hood installation as well as installing the last shipment of casework in the basement. McGough’s carpenters are wrapping up the installation of the metal Fibergrate system in the waste disposal room. McGough’s concrete group is sealing 1st floor East lab concrete floors and polishing 3rd floor concrete this week into next. WL Hall (coiling and fire doors contractor) has begun the installation of the coiling fire rated doors on the 1st floor between Hulings and the New Addition. These doors are placed at the intersection of all (3) buildings to isolate them from each other in the event of a fire in one of the adjoining buildings.

East Energy Station: Work continues down in the East Energy Station with Harris and Gephart continuing to install HVAC pipes, ductwork, electrical conduit, main switchgear, etc. As of now, Harris and Gephart are approximately 92% complete roughing-in their systems in this space. The new multistack has arrived onsite and has been placed into position within the East Energy Station. 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. Berwald will 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 April 15th — 3rd Floor Atrium Corridor ceilings. 3rd floor pad ceilings. 1st floor east area casework. CS Box glazing. South elevation metal soffits. Penthouse plenum work begins.

Week of April 21st — Atrium Guard railing process – West to East starting on 3rd floor. 3rd floor carpet and/or vinyl base. Atrium curtain wall shades (East side first). Seal basement concrete floors (East side).

Upcoming Owner Coordination Items:

- Olin
  - Relocate roof screening wall
  - Complete CS Box structure (3rd Floor and roof)

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