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

TODAY’S DATE: April 5th, 2019

Top Left: View of the West atrium curtainwall with scaffolding removed.

Top Right: 3rd Floor lab, fume hoods electrical raceways installed on countertops.

Bottom Left: 2nd Floor Women’s bathroom all tiled.

Bottom Right: 1st Floor lab, ceilings being padded out.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF APRIL 8TH AND APRIL 15TH

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 as well as the flat seam panels on the mechanical penthouse of the addition. McGough’s masonry group is wrapping up infilling brick on the North side of Hulings around the west curtainwall as well as infilling on the East side 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 will be truly stunning to see the atrium fully open and clear next week! Sonus Interiors (flooring and ceiling contractor) is continuing to pad out ceilings on 1st and 2nd floor labs and offices. Olympic (Drywall Contractor) is working on framing stair D and stair 3, as well as taping walls in the main corridor on 2nd and 3rd floor. Next week, Gephart (electrical contractor) will be working on installing light fixtures in the penthouse, and misc. electrical work in the electrical rooms on all floors. 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, installing runtal units and lab fixtures on all floors. Cosney (laboratory casework contractor) is working on 3rd floor casework installation as well as preparing to receive the last shipment of casework for the basement on Monday next week. Otis (elevator contractor) has wrapped up the installation of elevator A on the northeast side of the atrium with stops on either side of the new addition and Olin Hall. McGough’s carpenters are installing the metal Fibergrate system in the waste disposal room next week.

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

Week of April 8th — Coiling fire rated doors. 1st and 2nd floor carpet and/or vinyl base (except 1st floor east area). Basement lab area casework. Seal 1st floor east area concrete floors. Polish 3rd floor concrete.

Week of April 15th — 3rd Floor Atrium Corridor ceilings. 3rd floor pad ceilings. 1st floor east area casework.

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: