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

**TODAY’S DATE:** March 28th, 2019

- **Top Left:** The tower crane being deconstructed and removed from the site.
- **Top Right:** 2nd Floor lab, fume hoods and table top services being hooked up.
- **Bottom Left:** Snorkels are being installed in the 2nd floor labs.
- **Bottom Right:** Soffit overlook on 3rd floor has been complete.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF APRIL 1ST AND APRIL 8TH.

Exterior Envelope: On the exterior of the building, Berwald (metal panels contractor) will continue 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. 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 right around the corner, in a couple short 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, contractors are wrapping up work from the “dance floor” in the atrium as the scaffolding is being torn down next week. Sonus Interiors (flooring and ceiling contractor) is wrapping up hanging window shades in the atrium. Olympic is working on framing and rocking stair D and stair 3, as well as taping walls and rocking bathroom walls in the basement. Next week, Gephart (electrical contractor) will be working on conduit in the penthouse, plug testing receptacles on the 1st floor, testing receptacles on 3rd floor, and lighting conduit in the basement. Harris (mechanical contractor) is working on filling and flushing the heating and cooling system, installing supply diffusers on 1st floor, installing runtal radiating units and snorkels on 2nd and 3rd floors, plumbing piping and insulation in the penthouse, and installing diffusers in the basement. Cosney (laboratory casework contractor) is working on tables and tops on 2nd floor, island casework, tops and shelving on 3rd floor, and overhead service carrier laser shelves in the basement. 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 millwork in the kitchenette on 2nd floor 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 91% 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 1st – Disassemble “Dance” floor Tuesday, 4/2/19. Seal basement concrete floors. 3rd floor restroom tile work. 1st and 2nd floor pad ceilings (except 1st floor east area).

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.

Upcoming Owner Coordination Items:

- **Olin**
  - Relocate roof screening wall
  - Complete CS Box structure (3rd Floor and roof)
  - Spring Break Work
    - 2nd Floor Room 210 (core drill above ceiling for CS Box)
    - 3rd Floor Room 302 (core drill West wall)
    - 3rd Floor East Corridor (core drill East wall above ceiling)

- **Hulings**
  - Interior build out at new 2nd floor infill where stairwell existed
  - Complete penthouse work (Roof)
  - Spring Break Work
    - 1st Floor, Rooms 103, 120, and 121B (access ceiling, no dust will be generated)
This and next week’s highlighted focus: