Top Left: Doors for the elevator B cab have been installed.

Top Right: Loading dock area on 1st floor is prepped and ready for fireproofing of the structural steel.

Bottom: 2nd floor office area receiving paint on the walls.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF JANUARY 14TH AND JANUARY 21ST.

Exterior Enclosure/Interior Buildout: On the exterior of the building, Berwald (metal panels contractor) continues installing the substrate for their metal panels on the atrium. They have begun installation of the metal panels on the South elevation and the “eyebrow” of the east earmuff. Commercial Roofing (roofing contractor) continues working on the roofing substrate for Hulings roof to the North of the new atrium before shifting to the low roof at the east side loading dock. They are set to begin graveling all roofs next week. McGough’s masonry group is working inside of the building on a few select areas on the exterior of Olin and Hulings located within the new atrium space. Twin City Glass (Glazing contractor) continues detail work on the South entrance and the East earmuff. They have almost finished up clerestory window installation at the penthouse level of the atrium as well as remaining punched window openings at the addition. 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 to get installed. Along with this, they have begun setting interior window frames between classrooms in the 1st floor lab area. Glass will get installed in these interior openings within the next couple weeks.

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 has begun light-gauge-metal-framing on the atrium ceiling to allow the perforated metal ceiling panels to attach to a substrate. Next week, they are fireproofing the 1st floor loading dock, framing walls on 1st floor south, sheet-rocking bathroom ceilings on 2nd floor, sheet-rocking office area on 3rd floor, sheet-rocking soffits in the atrium, and framing walls in the basement. Next week, Gephart (electrical contractor) is installing lighting and power in the freight elevator hoistway, installing shore plug cabinets by the loading dock, installing lighting controls on 1st floor and 2nd floor, light fixtures on 2nd floor, and work in the electrical rooms on floors 1st through 3rd. Harris is working on overhead plumbing on 2nd floor as well as tying in return air ducts, venting snorkles for the overhead service carriers, overhead plumbing and supply duct work on the 3rd floor, misc mechanical work within the penthouse. McGough’s carpenters are setting the door frames in the penthouse as well as installing backing within the stud cavities on 3rd floor and the basement. McGough’s concrete group poured stair 3 pan steps last week and continue to knock off areas of polished concrete where available. Sonus (flooring and ceiling contractor) continues ceiling grid installation on the 2nd floor next week. Cosney (laboratory casework contractor) is set to drop off 2nd floor lab casework in 2 weeks and begin installation thereafter. 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. 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
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Science Building Complex & Utility Master Plan
Weekly Construction Update

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 14th – Basement backing and blocking. 1st floor plumbing and electrical connections at casework. 1st floor interior aluminum windows. 3rd floor office sheetrock. Atrium above ceiling electrical conduit rough-in.

Week of January 21st – 2nd floor lab casework (delivery and installation). 2nd floor office ceiling grid. 2nd floor office light fixtures and devices. 3rd floor lab 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: