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

TODAY’S DATE: July 19th, 2019

Top Left: Atrium stairs installed and close to completion.

Top Right: McGough taking formwork off the walls for the southeast seating and bike rack.

Bottom Left: South seating wall near completion.

Bottom Right: Harris installing piping for Nourse Hall.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF JULY 22ND AND JULY 29TH

Exterior Envelope: On the exterior of the building, now that Berwald (metal panels contractor) has finished the standing seam roofing, they’re working on final details at the intersection of Hulings and Anderson Hall roof (pie shaped area where the penthouses connect). McGough Masonry is wrapping up installing the last lime stone blocks for the seating bench, in a meticulous manner. They are now approximately 98% complete with the seating wall. The large “lounge blocks” to the east of the stairs were set using ice in order to provide the necessary clearance to extract the rigging straps before the ice melted and stones shifting into their final position (how ingenious!). This area will serve as an outdoor amphitheater and teaching space around the Mudd Oak. McGough’s Concrete group continues to pour the walls around the southeast seating and bike rack area outside of Anderson Hall. They’re continuing to work closely with Bolander (excavating contractor) and Landscape Enhancements as they keep on grading around the northwest and south side of the Addition as they are preparing to pour sidewalks. Gephart is pulling wire for the light bollards included in the northwest sitework. With the help of Pegasus Group (Carleton’s Representative), faculty continue the exciting moving process into the new Anderson Hall strategically organized by different department moving in to their respective area each week throughout the summer. Every day, labs and offices and being filled more and more with teaching equipment and personal belongings from faculty. We are now within 3 weeks of substantial completion! By definition, this means at that point in time, the building can be used for its intended purpose.

Interior Buildout: As of now, we are officially a temporarily occupied building! Our trade partners know it’s crunch time as we’re in the home stretch before crossing the finish line for September. On the interior of the building, Sonus Interiors (flooring and ceiling contractor) continues installing the last of the perforated metal ceiling panels, fixing misc. ceiling tile, and installing vinyl base where required. Danny’s Construction (Steel Erector) continues the installation process of the perforated metal guardrail as material is delivered to the site from ASM (Steel Fabricator), as well as installing the atrium stair systems 1 and 2. They are approximately 85% complete with these activities. Olympic (Drywall Contractor) continues taping, and sanding stair 1 and the east and west ear muffins as well as finalizing the new shaft wall in the Hulings penthouse. Gephart (electrical contractor) continues installing/programming misc. lighting controls, installing misc. light fixtures throughout the basement and atrium corridors, and finalizing the fire alarm system throughout Anderson Hall. Harris (mechanical contractor) continues misc. chilled and hot water piping in the tunnels and tweaks to fume hoods before they are fired up by the manufacturers. The new air handling units (AHU’s) in the penthouse, of the Addition, have been fired up and have been running for a couple weeks now. This means that air will now be moving throughout the building. Please note, during balancing activities building occupants will experience hot and cold temperatures as the commissioning agents tests the overall functionality of the mechanical system. Please bear with us during this initial startup phase of working the bugs out of the system. Cosney (laboratory casework contractor) continues installing odds and ends in the basement lab areas and various pieces of casework throughout. McGough’s carpenters are installing the wood handrail in the atrium and all stairwells, as well as any display cases or misc. items of millwork as they arrive. O’Keefe (Millwork supplier) has started the installation process of the high-pressure laminate wall paneling going in the atrium and the café. WTG Tile (Tile and Terrazzo contractor) has begun the first phase of terrazzo work in the West end of the atrium (refer to phasing plan on page 4).

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. The new heat pump (multistack) has been installed into final position inside 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. East Energy Station has begun to be commissioned. This is the process in which a 3rd party agency (hired directly by Carleton) tests and documents that each system in the building is installed per the contract documents, as well as ensuring each piece of equipment performs the function it was intended to do. Both the East Energy Station and Anderson Hall will undergo this process throughout the next few months.

Be Advised – Campus utility work continues next week including the usual disruptions and closures to sidewalks throughout the campus (please refer to logistics plan on last page of this update or Carleton’s website found below for more information regarding the disruptions). Please be aware of your surroundings and make sure you are staying safe as you navigate around. The Surrounding neighborhoods can continue to expect heavy multi-axle truck traffic over the next weeks as we continue to move material to and from the project site along Olin Road. While large loads are limited for the remainder of the project, there are still several large semi’s going back and forth along Olin Road on any given day. Vendors are continuing 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. 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/


Upcoming Owner Coordination Items:

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

Terrazzo Pour Sequencing Plan

Phase 1

Phase 2

Phase 3

(Carpets)
Volume 2 Logistics Plan

Red Tunnel
5-13-19 to 8-12-19

Lyman Tunnel
5-28-19 to 7-9-19

Yellow Tunnel
5-13-19 to 8-30-19

Green Tunnel
5-13-19 to 8-7-19

Reunion
Reunion Event Space
6/20/19 - 6/23/19

Laydown
Laydown area to expand after Reunion