Top Left: Granite and brick have arrived onsite! Our masonry group will begin installation shortly.

Top Right: Exterior sheathing has almost wrapped up on the South elevation.

Bottom Left: Harris Mechanical continues to install vertical waste, vent, and sanitary risers in the new addition.

Bottom Right: Picture from the 2nd floor catwalk over the atrium highlighting the fully erected CS Box.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF AUGUST 27\textsuperscript{th} & SEPTEMBER 3\textsuperscript{rd}

**Interior Layout/Exterior Enclosure:** Structural steel erection is 99% complete as exterior and interior work has officially commenced. Steel erectors are wrapping up Stair D this week. Work on the East and West ear muffs continue as we tie the new science addition in to Olin and Hulings. Danny’s Construction has finished erection of the new CS Box that will cantilever out from the 3\textsuperscript{rd} floor of Olin into the new atrium. Detailing and metal decking is approximately 90% complete. Olympic Companies (framing/drywall contractor) has continued shooting clips and laying out studs on the third level and the penthouse of the new addition ahead of their fireproofing. They are also continuing to fireproof level 3 and level 4 structural steel located on the interior of the building (approximately 50% complete). Olympic is hard at work on the exterior metal stud framing and sheathing of the exterior façade as well as installing the level 1, 2, and 3 separation shaft walls parallel to Hulings and prior to West shaft duct work. They are also begun to frame, top off, and fire tape on 1\textsuperscript{st} floor – needless to say, they are staying awfully busy right now! McGough’s concrete group is finishing up the loading dock foundation this week. Bolander is currently grading out the loading dock in anticipation of laying down pavement on Saturday, 8/25. Harris (HVAC contractor) continues running shaft ductwork from the Penthouse down to the basement this week, officially kicking off our interior schedule. McGough’s masonry group has officially commenced their work on the new building (see pictures of granite and brick in picture 1 on page 1). Work continues down in the East Energy Station with Harris and Gephart (Electrical subcontractor) continuing to rough-in their pipes and electrical conduit. It’s worth noting that the smaller Potain crane will be leaving the jobsite this week. In addition to the science building, we are continuing to drill vertical wells for the campus-wide geothermal heating and cooling system at the Bald Spot.

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. Please note that steel erection, although almost finished, will continue to have delivery trucks make daily visits until the building is completely erected in the next couple weeks. Given the small laydown area, there is not adequate room to stage large quantities of material onsite at any given time. This requires our structural steel 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. They 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. McGough takes safety very seriously and we strive to make sure every worker 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/](https://apps.carleton.edu/campus/doc/Sci_Plan_Const/Updates/)

**Week of August 27\textsuperscript{th}** – Geo well drilling process continues this week as well as wrapping up for Volume 0 and the master utility plan process for Volume 1. Exterior masonry work continues. Olin roof exhaust fan (EF-3 & EF-9) relocation. Install west duct mains, west overhead sprinkler mains/branch lines, and west door frames. Begin roofing work at the penthouse.

**Week of September 3\textsuperscript{rd}** – Happy Labor Day! Students arrive back on-campus on 9/4. Geo well drilling process continues this week as well as wrapping up Volume 0 and the master utility plan process for Volume 1. Brick veneer will continue as well as west metal stud framing, west in-wall rough-in, and East door frames will begin to be installed.
Upcoming Owner Coordination Items:

- **Olin**
  - Completion of interior finishes of the Olin East ear muff (8/13-8/31)
    - Work to be performed outside the rooms. Noise and vibrations could affect the east corridors on all levels and rooms 116, 210, and 312.
  - Roof exhaust fan relocation (on schedule)
    - EF-5 rooms B02, 4, 6 and 8 (8/22/18 – 8/24/18)
    - EF-3 rooms 306 and 308 (8/27/18-8/29/18)
    - EF-9 rooms B10, 12, and 14 (8/27/18-8/31/18)
    - Limited Access to room 310 (8/27/18-9/05/18)
  - Power wash Olin East Façade (Additional power washing required — date TBD)
    - Work occurs within the Addition Atrium. All rooms on East side of Olin will have some level of noise impact from water spray.
  - Drill/Anchor curtain wall support angles at CS Box into Olin concrete beams (TBD)
    - All work to be done outside the rooms. Noise and vibrations could affect rooms 208, 210, 308, 310.
  - Complete ceiling grid at temp wall in room 308 and 310 (8/28/18 – ½ day)
    - Work occurs within the rooms. McGough to confirm date with Carleton. Equipment to be moved or protected as required.

- **Hulings**
  - Complete ceiling grid at temp wall in 300 (8/29-half day)
    - Work to be performed within the room. McGough to confirm this date with Carleton. Equipment to be moved or protected as required.
  - Demo/Install brick at North Egress stairwell windows (8/28/18-9/4/18)
    - All work to be performed outside of the rooms. Noise and vibrations could be heard within the stairwell.
  - Demo/install precast and brick North face on 1st floor interior (TBD)
    - All work to be done outside the room. Noise and vibration could be heard in room
  - Demo/install brick at North intersection of Addition and Hulings (TBD)
    - All work to be performed within the room. Noise and vibrations could be heard in rooms 300 and 303D.
  - Complete ceiling grid at temp wall in 300 (8/28/18 – ½ day)
    - Work to be within the room. McGough to confirm this date with Carleton. Equipment to be moved or protected as required.
This and next week’s highlighted focus:
Carleton College
Science Building Complex & Utility Master Plan
Weekly Construction Update

1st fl Interior Sequence

Atrium
Labs
Geo/Rec/Stor
North
West
East
South

McGough