Steel Erection/Interior Layout: Structural steel erection has just about wrapped up the final remaining steel elements as exterior work has officially commenced. Steel erectors are continuing to erect Stair D this week. The exterior schedule kicked off last week.

Top Left: Exterior stud framing is in full effect. Framers utilize large scissor lifts to reach the exterior of the upper floors.

Top Right: Iron workers erecting Stair D near the new front entrance to the addition on the South side of the building.

Bottom Left: Workers cleaning up the remnants of the demolished stairwell on the North end of Hulings.

Bottom Right: Mechanical shaft ductwork has started getting installed throughout the first floor of the addition.

UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF AUGUST 13TH & AUGUST 20TH

McGough
week marking another huge milestone for the project team. Work on the East and West ear muffs continue as we tie the new science addition in to Olin and Hulings; the East ear muff erection is approximately 99% complete. Danny’s Construction continues to erect the new CS Box that will cantilever out from the 3rd floor of Olin into the new atrium. Crews continue to lay down metal decking on the roof of the penthouse and the atrium. Olympic Companies (framing/drywall contractor) has continued shooting clips and laying out studs on the third level of the new addition ahead of their fireproofing. Additionally, they are continuing to fireproof level 2 & 3 structural steel located on the interior of the building (approximately 40% complete). Olympic is hard at work on the exterior metal stud framing and sheathing of the exterior façade. The cleanup effort continues to take place inside the East Energy Station. The walls and floors have been wiped clean and the saturated drywall has been ripped out; now contractors must remove equipment that is deemed unsalvageable. Our abatement contractor has begun the demolition and abatement process on the exterior window of Olin located at the new computer science box (CS Box). Crews continue to saw cut/demo the precast concrete window sills on the East side of Hulings on levels 1, 2, & 3. Harris (HVAC contractor) began running shaft ductwork from the Penthouse down to the basement this week, the officially kicking off our interior schedule (see bottom right picture on page 1). 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/

Week of August 13th – Geo well drilling process continues this week as well as the directional boring process for Volume 0 and the master utility plan process for Volume 1. Demo/remove brick and precast haunch at CS Box floor beams. Complete CS Box structural steel. Spray on fireproofing level 4. Olin interior fit up at areas impacted by East ear muff begins this week. Levels 1, 2, & 3 separation shaft wall parallel to Hulings.

Week of August 20th – Geo well drilling process continues this week as well as the directional boring process for Volume 0 and the master utility plan process for Volume 1. Exterior masonry work begins. Olin roof exhaust fan (EF-5) relocation. Begin installing waste and heating piping stacks. 1st level – frame, top off and fire tape.
Upcoming Owner Coordination Items:

- **Olin**
  - Exterior window removal/abatement/demo for 3rd floor CS Box (8/6-8/10)
    - Work will occur outside or within our constructed temporary enclosures. Noise and vibration could affect rooms 208, 210, 308, and 310.
  - 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.
  - Drill/anchor existing curtain wall supports at CS Box (8/13-8/15)
    - Work will all occur outside. Noise and vibrations could affect rooms 208, 210, 308, 310.
  - Exterior brick removal and jack hammer concrete haunch for CS Box (8/13-8/14)
    - All work to be done outside of the rooms. Noise and vibrations could affect rooms 208, 210, 308, 310.
  - Drill/Anchor CS Box floor beams to Olin concrete beams (8/16)
    - All work to be done outside the rooms. Noise and vibrations could affect rooms 208, 210, 308, 310.
  - Demo/install brick at South elevation where precast façade has been removed (concrete haunches) (8/20)
    - Work to be done outside of the rooms. Noise and vibrations could be heard in rooms B06, B08, B10, B12, 102, 104, 106, 108, 110, 112, 114, and 116.

- **Hulings**
  - Demo/install brick at South intersection of Addition and Hulings (8/13)
    - All work to be performed outside of the rooms. Noise and vibrations could be heard in rooms 112, 118, 212, 218, 318, and 320.
  - Demo/Install brick at North intersection of Addition and Hulings (8/13)
    - All work to be performed outside of the rooms. Noise and vibrations could be heard in rooms 300 and 303D.
  - Saw cut precast window sills at 1st, 2nd, and 3rd floor West elevation (8/6-8/10)
    - All work to be performed outside of the rooms. Noise and vibrations could be heard in rooms 102, 106, 112, 114, 202, 204, 206, 212, 218, 302, 304, 308, 310, and 320.
  - Complete ceiling grid at temp wall in 300 (8/28- half day)
    - Work to be performed 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: