Top Left: McGough’s concrete group poured the deck of the CS Box this past week.

Top Right: Interior metal stud framing has begun layout on the second floor of the addition.

Bottom Left: Workers with Harris are continuing to install secondary support steel in the penthouse to support their mechanical equipment hanging from the roof above.

Bottom Right: The large chrome pipes are the exhaust stacks for the boilers down in EES where the boilers reside.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF SEPTEMBER 24TH AND OCTOBER 1ST.

Interior Layout/Exterior Enclosure: Due to the large quantity of rain we have received in the last week, many of the exterior activities have not been able to progress as anticipated as well as certain interior activities, such as fireproofing. With that said, Olympic Companies (framing/drywall contractor) remains approximately 80% complete fireproofing all the structural steel for the entire building, with only the penthouse and part of the basement remaining. They are continuing to chug along on the exterior metal stud framing and sheathing. At the same time, they are continuing to frame, top off, and fire tape on 1st floor. It’s great to see insulation beginning to be installed in the interior walls. Swanson and Youngdale (air, vapor barrier, expansion joint, and waterproofing contractor) continues to follow close behind Olympic by spraying the exterior sheathing with a spray-applied vapor barrier before brick can be laid on the South elevation. While S&Y is hot on Olympic’s tail on the exterior of the building, Superl (firestopping) has been trailing close behind Olympic on the interior to install firestopping at the top of every wall as soon as the sheetrock is hung. McGough has begun setting door frames on the west side of the new addition on level 1. Gephart (electrical contractor) is working on in-wall and above-ceiling electrical rough-ins on the first 1st floor of the addition. They are working hand-in-hand with Harris and Olympic to assure that all of their equipment is installed prior to the walls getting sheet rocked. McGough’s carpenters are installing all of the blocking and backing required in the walls where shelves, markerboards, etc. will get hung and attached directly to the walls. They are also continuing to set hollow metal door frames on the 1st floor coordinating with Olympic as they continue interior framing.

Harris (HVAC contractor) continues roughing in their HVAC systems before walls get closed with sheetrock and before ceilings are installed on the 1st floor. The most efficient way for multiple bricklayers to work in unison is by using a hydro-mobile lift; this lift is a big platform that moves vertically up and down at the push of a button. In addition to the hydro-mobile at the NW corner assisting with the laying of brick for the next week as well as (1) continuous hydro-mobile lift positioned on the South elevation of the building, a separate hydro-mobile has been set up on the East side of the addition at the new loading dock solely dedicated to bringing materials to levels 1-3 and the penthouse. As mentioned above the rain this past week has postponed the masonry group from gaining much progress this past week. With that said, McGough’s masonry group will begin to make serious headway next week laying brick on the South elevation of the science addition. Work continues down in the East Energy Station with Harris and Gephart continuing to rough-in their pipes and electrical conduit. In addition to the science building, just last week we officially wrapped up drilling vertical wells for the campus-wide geothermal heating and cooling system at the Bald Spot. Now GOLoop (geothermal utility contractor) will work over the next several weeks to tie in their circuits at the Bald Spot ahead of fully testing the system in early November.

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 finished, will continue to have delivery trucks make daily visits until the building is completely decked and detailed 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 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. Now that steel erection has wrapped up, the largest deliveries that will make regular trips to the site are brick, granite, block, and mortar until the brick has finished on the exterior of the building. 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 September 24th — Circuit tie-in’s at the Bald Spot will continue. Brick veneer will continue on the South elevation as well as beginning to set the West curtain wall at the NW corner. Trades will wrap up all their in-wall rough-in on the West half of the lab area on the 1st floor of the addition. Sheet-rocking the tops of the walls for soffits will continue as well as framing the South area of pull 2 (refer to pictogram on page 5 for reference).

Week of October 1st — Circuit tie-in’s at the Bald Spot will continue. Brick veneer will continue on the South elevation as well as beginning to set partial frames for the curtain wall on the west ear muff. Vapor barrier at the low roof at the NE corner substrate will get installed this week.

Upcoming Owner Coordination Items:

- Olin
  - No scheduled activities should cause a disturbance to Olin.

- Hulings
  - No scheduled activities should cause a disturbance to Hulings.
This and next week’s highlighted focus: