Top Left: Olympic continues to truck along on interior framing on the 1st floor of the addition.

Top Right: Harris has begun insulating their main trunk lines on 1st floor.

Bottom Left: McGough’s masonry group has made great progress on laying brick at the NW corner of the addition.

Bottom Right: McGough’s concrete group pouring another slab at the new loading dock on the East side of the addition.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF SEPTEMBER 17TH AND SEPTEMBER 24TH.

Interior Layout/Exterior Enclosure: Danny’s Construction is continuing to erect the steel in the café on the ground floor the atrium. Olympic Companies (framing/drywall contractor) has finished shooting clips and laying out studs in the penthouse of the new addition ahead of their fireproofing. They are approximately 80% complete fireproofing all of the structural steel for the entire building, with only the penthouse and part of the basement remaining. They are nearing completion on the exterior metal stud framing and sheathing. They are continuing to frame, top off, and fire tape on 1st floor – with a crew size of 20 workers, they are comprising the largest workforce from one trade currently onsite! 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) has been following Olympic closely behind 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. Much like the name suggests, this would act as a fire barrier should a fire ever break out in any area of the building. McGough has begun setting door frames on the west side of the new addition on level 1.

Harris (HVAC contractor) continues to run horizontal water lines through copper piping on the 1st floor of the new addition. Along with Gephart roughing in their electrical systems, Harris is roughing in all their HVAC systems before walls get closed with sheetrock and before ceilings are installed. McGough’s carpenters are continuing to set hollow metal door frames on the 1st floor. Olympic continues their interior framing. 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 (2) additional hydro-mobile lifts positioned on the South elevation of the building, a larger 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. McGough’s masonry group will begin to make serious headway next week laying brick on the South elevation of the science addition. McGough’s concrete group poured the loading dock slab today (see picture 4 on the first page). They are also pouring the slab-on-metal-deck at the CS Box on the third floor of Olin. Work continues down in the East Energy Station with Harris and Gephart (Electrical subcontractor) continuing to rough-in their pipes and electrical conduit. In addition to the science building, just this 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 17th** — Circuit tie-in’s at the Bald Spot will begin. Brick veneer will continue on the South elevation as well as beginning to set partial frames for the curtain wall at the NW corner. Shaft walls and sheet-rocking the top of the walls will continue this week. West Supply and exhaust duct will start to get installed along with South door frames.

**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).

**Upcoming Owner Coordination Items:**

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

- **Hulings**
  - No scheduled activities should cause a disturbance to Hulings.
Carleton College
Science Building Complex & Utility Master Plan
Weekly Construction Update

1st fl Interior Sequence

Atrium
Labs

North
East
West
South

Geo/Rec Stor
Geo/Rec Stor

Motion Detector 1A-B

McGough