UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF MAY 28TH & JUNE 4TH

Steel Erection: At this time, structural steel erection has started and there is no turning back! The tunnel coming in from the South heading into the side of East Energy Station is 100% complete. The lid of the tunnel will get waterproofed as soon as it passes a pre-waterproofing test before our utility contractor backfills this section of the building. Due to the size of the building footprint, constant communication has been critical for site logistics for all trades to execute their work efficiently and
effectively. There is one-way in and one-way out of the site, which has created numerous logistical obstacles to overcome as a team. Bolander (McGough’s Earthwork/Utility contractor) is continuing to backfill soil around the East side of the East Energy Station, however they will have to wait until the basement slab on grade is poured before they can finish backfilling around the entire building, thereby starting the work on the exterior façade of the new addition. Bolander has begun installing storm utilities East and South of East Energy Station. McGough’s fire protection contractor has finished fire suppression rough-in inside East Energy Station. McGough’s steel erection partner will continue to erect steel at a swift pace while complying with industry-wide safety regulations and McGough’s safety protocols. According to our sequencing plan (refer to the pictogram on the last page), they have finished erecting the entire first floor and have moved on to erect the west half of the building up to the new roof elevation. Once they finish the last of the roof steel on the West-half, they will move to the East-half to complete the steel erection. This structural steel sequencing was created to comply with industry safety standards to allow the first floor slab-on-metal-deck to be poured, thereby creating a safe environment for contractors to begin working below the newly poured slab on the ground level of the new addition. Since the tower crane is almost completely tied up with steel erection at this time, a smaller “potain” crane has been brought to the site (see the bottom left picture on the first page) to assist in setting the East “earmuff”, or the eastern side of the new atrium. This crane was dropped off at the site on Thursday, May 24th.

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 has begun in earnest and steel delivery trucks will continue to make daily visits until the building is completely erected. Given the small laydown area, there is not adequate room to stage vast quantities of materials 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. To date there have been 2 very minor injuries reported; neither of these were “lost time” injuries—McGough takes this 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 May 28th** – Memorial Day weekend! Steel erection continues on 1st and 2nd floors (Sequences 12 and 15). 1st interior pull planning scheduling session will be held on 5/30.

**Week of June 4th** – 1st level slab-on-metal-deck process begins with a target date for the 1st SOMD pour on Friday, 6/8/18. Basement slab-on-grade process begins this week. East ear muff process will also begin this week. Demolition of the tile on Hulings 1st floor will begin on Tuesday of this week.
This and next week’s highlighted focus: