UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF JUNE 25TH & JULY 2ND

Steel Erection: Structural steel erection continues to make substantial headway on their erection as they are currently nearing the 85% complete mark. 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 South and East
sides of the addition, 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 continues to install storm utilities East and South of East Energy Station (this work must be phased as there are numerous components and trades that have underground work in this area; see bottom right picture on the first page). Our waterproofing contractor is continuing to work side-by-side Bolander as walls become available, they are waterproofing and then backfilling in a harmonious fashion. Bolander and Harris continue to dig and install the underground utilities in the basement before the slab on grade can be poured. 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. This week, the project site has experienced numerous rain days shutting down the erection process, and ultimately pushing our remaining SOMD pour dates back a couple days (refer to updated pictogram on page 4). Nevertheless, according to our sequencing plan (refer to pictogram on page 3), they have finished erecting the entire West half of the building and are working on topping off the East side of the building over the next couple weeks. With the tower crane being completely tied up with steel erection currently, a smaller potain crane has been brought to the site to assist in setting the East ear muff, or the eastern side of the new atrium. Harris has finished installing the 12” geothermal pipe mains along the south side of East Energy Station. When the East Energy Station gets started up in approximately one years’ time, these will tie the campus-wide geothermal heating and cooling system to the supporting mechanical equipment needed to distribute the heating and cooling loads to the entire campus. Now that the entire 1st level SOMD has been poured trades can begin their underground utility work underneath this deck as a poured concrete deck provides adequate safety for workers. Work on the East ear muff (east end of the atrium) began last week as we start to tie in to Olin Hall. We have started work on the interior of Hulings in an effort to alleviate excessive work during the summer of 2019. This week, McGough is hoping to finish setting a big steel beam on the 1st floor of Hulings (this process will be very noisy, we apologize for the inconvenience and ask that you bear with us through this process). The beam was delayed getting set because of hidden electrical conduits that were buried within the first-floor concrete slab of Hulings. These conduits need to get rerouted before any further work can be done on this steel beam. Work down in the Hulings Vivarium began this week. Temporary walls in Hulings are approximately 70% and temporary walls in Olin are approximately 50% complete.

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 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. Last week at the roof level, an Iron worker tripped on banding of metal decking and fell, however the employee was wearing the appropriate safety equipment and as a result, only received a few minor scrapes and bruising to his arm. The outcome of the incident couldn’t have been better. 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 June 25th – Geo well drilling process begins this week as well as the directional boring process for Volume 0 and the master utility plan process for Volume 1. Steel erection will continue while the process for SOMD Level 2 Pour #3 begins later this week. East Ear muff foundation work begins.

Week of July 2nd – 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. Steel erection will continue while pouring SOMD pours #3 and starting the process for SOMD level 3 Pour #5 will begin later this week. Olympic Drywall will begin to layout track and clips on the steel prior to 1st floor fireproofing underside of 2nd floor deck.

This and next week’s highlighted focus:
SOMD Pour Sequences

- SOMD (Level 4) Pour #7: 7/5/18 - 7/11/18
- SOMD (Level 3) Pour #5: 7/2/18 - 7/9/18
- SOMD (Level 2) Pour #3: 6/28/18 - 7/5/18
- SOMD (Level 1) Pour #1: 6/4/18 - 6/6/18
- SOG (Basement) Pour #1: 7/12/18
- SOMD (Level 4) Pour #8: 7/13/18 - 7/19/18
- SOMD (Level 3) Pour #6: 7/11/18 - 7/17/18
- SOMD (Level 2) Pour #4: 7/9/18 - 7/13/18
- SOMD (Level 1) Pour #2: 6/6/18 - 6/12/18
- SOG (Basement) Pour #2: 7/20/18