UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF JULY 2ND & JULY 9TH

Steel Erection: Structural steel erection continues to make substantial headway on their erection as they are currently nearing the 90% 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 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. 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 hit a huge milestone known as “topping off”. This signifies the end installation of the last large structural steel member on the building. On Wednesday of this week, students, faculty, tradesmen and tradeswomen gathered to watch the hoisting and installation of this ceremonial beam (see bottom pictures on page 1). With the tower crane still being tied up with steel erection, 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. 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. Bolander, Harris, and Gephart continue to install underground utilities in the basement before the slab on grade can be poured. Work on the East ear muff (east end of the atrium) continues as we tie the new science addition in to Olin Hall. We are continuing to do work on the interior of Hulings. McGough has finished setting the big steel beam on the 1st floor of Hulings (this process will be very noisy, we apologize for the inconvenience and thank you for bearing with us through this process). Work down in the Hulings Vivarium has gone very well and should be wrapping up within the next week.

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. 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 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.

Week of July 9th — 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 level 3 Pour #5, level 4 Pour #7, Level 2 Pour #4, and slab on grade (SOG) Pour #1. 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 - 6/8/18
- SOG (Basement) Pour #1
  -> 7/12/18
- SOMD (Level 4) Pour #6
  -> 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
  -> 7/26/18

SOUTH - SCIENCE COMPLEX

6.20.18