UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF APRIL 23RD & APRIL 30TH

Foundation Work/Steel Erection/Blizzard Recovery: Our earthwork contractor continues to work side-by-side with McGough’s Concrete group to excavate the remaining interior pad footings in a “just-in-time” manner to prevent the ground from freezing before the concrete can be poured. McGough concrete group is approximately 95% complete with interior pad footings and 95% complete with Upper Phase E Walls (area well on the East side of East Energy Station). Interior pad footings and piers will wrap up at the end of this week before any further vertical progress can be made. With the exception of the area well on the east side of the East Energy station, all remaining foundation walls and interior pad footings will be poured out by mid next week in anticipation for steel erection beginning Wednesday, 4/25. Please note: this date has been pushed back a week due to the unforeseen blizzard we encountered last week. Interior pad footings are being backfilled to the top of the footing just as the forms are being stripped. Due to the size of the building footprint, site logistics and constant communication have been critical items 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 Right now, Phase 2 of steel erection will begin around April 25th. This is a critical milestone to hit for all project stakeholders as this signifies the end of foundation work and the beginning of superstructure construction. In anticipation for their start mid next week, McGough’s steel erection partner will mobilize to the project site on Monday, 4/23.

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 while concrete trucks are wrapping up with their regular visits multiple times a week, steel erection begins in earnest in a next week and the daily concrete truck visits will be replaced with daily steel delivery trucks. Given the small laydown area, there is not adequate room to stage vast quantities of materials 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. 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 April 23rd — Finish preparations for steel erection, finish pouring interior pad footings and piers. Begin sequence 2 structural steel erection (see below sequencing plan for example). Continue waterproofing walls as they become ready (past 10 day threshold for curing time).

Week of April 30th — Steel erection continues on the West-half of 1st and 2nd floors.

This and next week’s highlighted focus: