Construction Update #49 – Two-week Look-ahead for February 22º, 2017

The Tupper Building and the Clinical Research Centre are underway with an innovative program of energy retrofits. The work has been developed with Dalhousie’s partner for sustainability and infrastructure renewal for the project, MCW Custom Energy Solutions.

The following work will be occurring over the next two weeks.

10th Floor, Section #4 – SE  
(Rooms #10N, 10N02, 10P, 10R)
- Move out: Friday February 10, 2017
- Construction: Monday February 13, 2017 to Friday March 10, 2017
- Floor Work (Buffing or waxing): Friday March 10, 2017 + Monday March 13, 2017
- Move Back: Tuesday, March 14, 2017 at 8:30 am
- Recertification BSC’s: Tuesday March 14, 2017 afternoon

14th Floor, Section #2 – NW
(Rooms #14B, 14C, 14D, 14E)
- Move out: Friday February 10, 2017
- Construction: Monday February 13, 2017 to Friday March 10, 2017
- Floor Work (Buffing or waxing): Friday March 10, 2017 + Monday March 13, 2017
- Move Back: Tuesday, March 14, 2017 at 8:30 am
- Recertification BSC’s: Tuesday March 14, 2017 afternoon

14th Floor, Section #3 – SW
(Rooms #14A, 14H1, 14X04)
- Move out: Friday February 24, 2017
- Construction: Monday February 27, 2017 to Friday March 24, 2017

Energy Exchange System
Continuing work on new piping system throughout building to recover and redistribute heat.
- Testing and verification underway to commence operation of the system.
- The existing cooling equipment for air conditioners and freezers that is currently water-cooled will be scheduled to be converted to the central energy exchange system.
- Piping work in the basement and sub-basement occupied spaces.
- Change over from domestic water to the energy exchange system on various floors as per the dates below. This work will affect lab equipment that has specialized cooling such as freezers, refrigerators, air conditioners and heat pumps. Hussmann will be on site for the initial changeover of this equipment. Please notify Greg McNutt or Iain Symington of MCW if you
experience any issues with these items during or after the change-over. The changeover work will occur in the mechanical rooms, and affects the cooling equipment.

- The following areas are to be coordinated:
  - 4<sup>th</sup> & 10<sup>th</sup> Floor – Equipment Room - Date to be confirmed
  - 10<sup>th</sup> Floor – Equipment Room (Rm R01) – Thursday, Feb. 23<sup>rd</sup>, 2017

**AHU Shutdowns**

A shutdown of the Air Handling Units in the Tupper Building is required to facilitate the installation of an air flow station to measure air flow, and also to install an updated control panel. In addition, a second separate shutdown is required to replace the motor and install a variable frequency drive (VFD):

- 4<sup>th</sup> & 10<sup>th</sup> Floor – Equipment Room - Date to be confirmed
- 10<sup>th</sup> Floor – Equipment Room (Rm R01) – Thursday, Feb. 23<sup>rd</sup>, 2017

**Air Flow Stations and Control Panels – All floors have been completed.**

**Motors and VFDs – The duration of work will be approximately 10 hours. The air handling unit will be fully off for 8 hours, and intermittently available for the 2 hours as the system is brought back up and testing is completed. The motor and VFD portion of work will be completed when the active floor is ¾ complete, this will be for all remaining floors (3, 4, 5, 6, 7, 8, 10, 14).**

- 10<sup>th</sup> Floor – 7 am to 3 pm, Tuesday Feb. 28<sup>th</sup>, 2016 – Motor and VFD install

The working areas are full MCW construction zones. Full PPE and MCW safety orientation required past any perimeter construction signage in the working areas.

For any issues that may arise during the course of this work, please contact Dalhousie University, Senior Project Manager, Capital Projects, Peter Cherry at 902-494-4254, or MCW Custom Energy Solutions, Iain Symington, Project Manager, at 902-403-1054.