

Building Report | CLRC Renovations and Additions Project

03.18.22

The following are pictures from the week ending in 03.18.22 in regards to the CLRC Renovations and Additions Project. This project continues along nicely and in the next few weeks there will be even more activity as another trade will show up on site. In the next week the roofing contractors will arrive to start what will be a 3-4 week process to replace the current built-up roof, which is original to the building, with a new hybrid built-up roof system. Their work starts next week with the removal of the existing ballast. Now that the base structure for the new canopies has been erected the contractors will start to frame out as directed. The glazing contractors will now switch from installing the glazing panels to placing all of the new exterior doors. More framing will happen on the first floor, while more finishing will happen on the second. The fire protection contractors will be wrapping up their portion of the project in the next few weeks. The materials for the new railings for both stair towers will arrive on site and start to be installed hopefully starting next week.

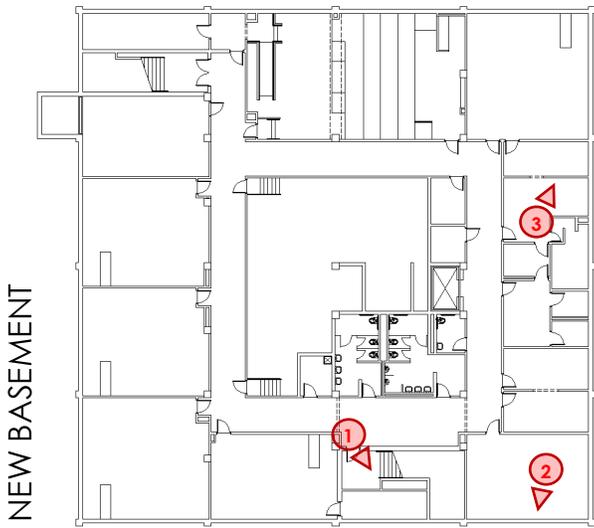


Photo #1 shows the progress of the installation of the new fire riser in basement near the west stair tower. Once completed the fire-rated partition that will help separate the new room in which this unit will reside will start being constructed.



Photo #2 shows the new chemical storage tank for the unique fire suppression system that will be installed in the main server room. Because water is not the optimal system to be used in a space populated by so much valuable and critical computer equipment we have opted to have what is called a FM 200 (or dry chemical) system installed instead. Since fire is a chemical reaction and requires heat, oxygen, and fuel in order to burn the FM 200 system removes the heat from the equation thus inhibiting the fire's ability to sustain itself rather than using a deluge of water to accomplish the end goal of putting out the flames.

Photo #3 was taken of some of the very last components of the building's new fire suppression system now installed. Up to now all the sprinkler heads that have been installed have been those that will be concealed in the ceilings in drop down heads. However, that application is not allowed in all areas per the building code which means sometimes other installations are required. Here is a wall-mounted head with a protective cage in the southeast corner of one of the Middle College offices. This setup is required because of the hard ceiling in this area and considering future means by which to service the head, so this arrangement is ideal for maintenance.



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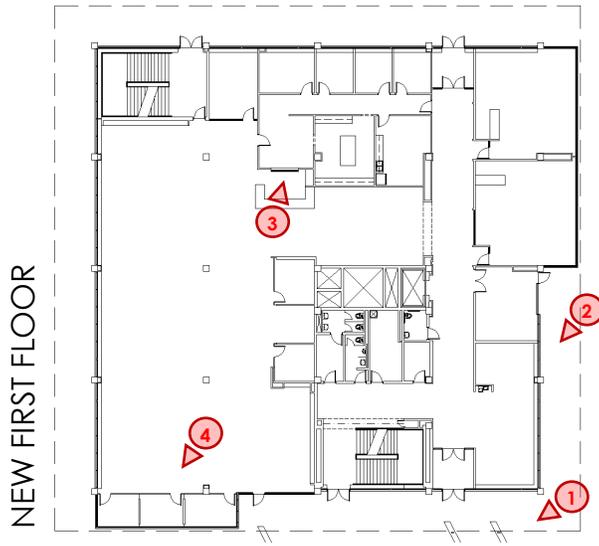


Photo #1 highlights the progress of the work needed to complete the new western entrance canopy. The structural steel for both canopies is now in place, and therefore the contractors can begin the process of installing the framing which will then lead to the finishes being installed.

Photo #2 shows the now completed pad for the condensing units for the A/C system for the main server room. Next week the contractors will start relocating the units one at a time from their temporary location which currently just inside the loading dock on the other side of the curtain wall. Once the units are relocated the final screening panels will be installed on the exterior side of structural steel frame.



Photo #3 shows the progress of some more of the rough framing needed on the first floor. Featured in this photo is the now roughed in opening for the future window that will allow someone to monitor the reference desk in the library in case the staff is away assisting students from inside the office suite.

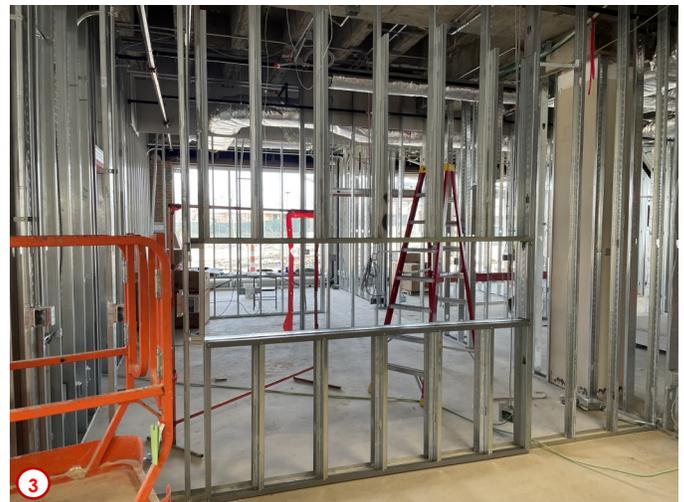


Photo #4 shows the now completed spiral duct HVAC run in the Library near the future west huddle rooms. This mechanical infrastructure could be completed since the temporary partition was taken down after the curtain wall was finished. This area will be the focus of the contractors in the next few weeks as more rough framing will be installed for the partitions between the aforementioned huddle rooms.

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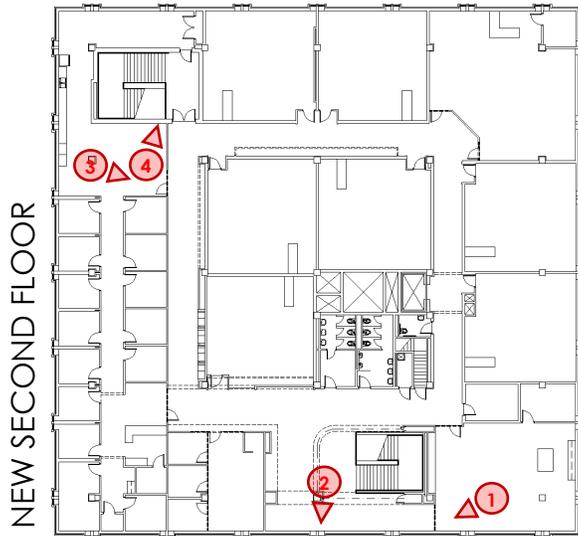


Photo #1 was taken inside of what will be the Student Publications Room on the second floor. This is just one of many areas that are being finished so that the painters who have been concentrating on the north side of the second floor can move over and finish painting on the south end before moving downstairs.

Photo #2 shows the area around the windows where the low block wall was removed to expose more area for natural light infiltration now cleaned up, framed in, and finished. Seeing that this work is done will allow the painters to move into this area.



Photo #3 shows just one of many areas on the second floor where the suspended ceiling tile grid has been installed. Next the electricians will move into to start installing the new LED light fixtures, and then tiles can go in after all the inspections have been conducted.



Photo #4 was taken of one of the many instances where more of the low-voltage cabling has been pulled and ready for termination. The instance shown happens to be in what is the Adjunct Faculty Office on the second floor in the H/SS Division Office. This data cabling will eventually allow cables to be connected through furniture systems that will be populated by computers for staff use.

