

Building Report | CLRC Renovations and Additions Project

01.21.22

The following are pictures from the week ending in 01.21.22 in regards to the CLRC Renovations and Additions Project. Similar to last week's report there was more to report concerning the first floor so I have included photos for that floor on the first two pages. Due to some more needed coordination between the electricians and the engineers prior to the placement of the floor slab for the southeast addition it was postponed until next week. Work on replacing the curtain wall around the perimeter of the first floor stopped this week, however since the materials were in the glazing contractor started on the north face of the second floor, and finished all but one set. Like on the first floor plan I have highlighted the completed windows in red for your reference. More wallboard was hung on the second floor with the total percentage complete surpassing the 75% mark. In the next few weeks the new electrical panels will be installed on the first floor and old infrastructure removed which will require the second of many either partial or total building systems shutdowns.

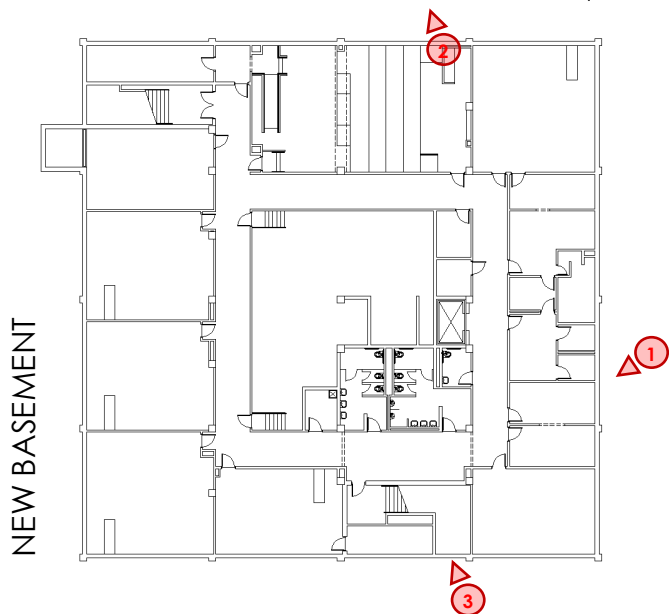


Photo #1 shows the excavation for the foundation system for the future screen wall that will enclose the area for the condensing units for the mini-split cooling systems in the main server in the basement. The foundation wall for this area will be placed next week along with several other miscellaneous areas around the south and west sides of the building.

Photo #2 shows the foundations for the future entrance canopy on the east side of the building. You can also see the connecting reinforcing steel that will help connect the future partial height seating walls sticking up out of the concrete. Additionally, the anchor bolts (wrapped in the red tape) are in and these will help anchor the steel support columns for the canopy.



Photo #3 was taken on the east side of the building and shows the excavation needed for the future frost-proof entry stoop for the doors at the base of the west stair tower. This is a building requirement as it helps to prevent frost in the wintertime from possibly heaving the slab up that would prevent the doors from swinging out completely and therefore possibly obstructing building occupants who may be trying to leave the building in case of an emergency such as a fire event.



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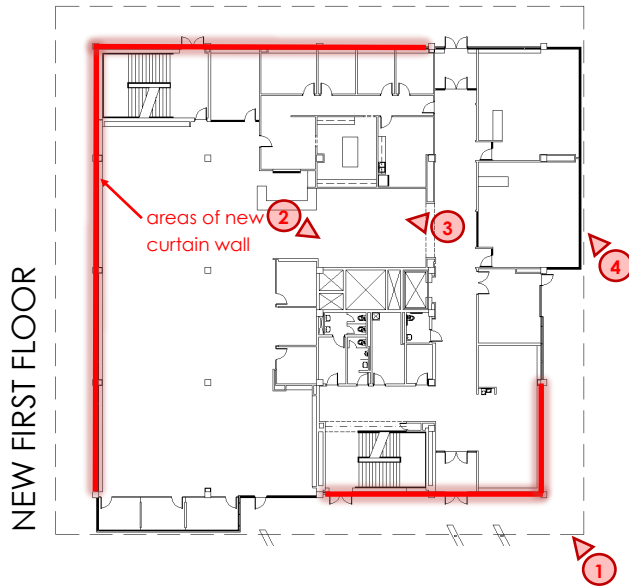


Photo #1 shows the progress of the installation of the new curtain wall system on the first floor. This past week an additional bay was completed and as seen in the photo is the left most bay which is near the west stair tower.

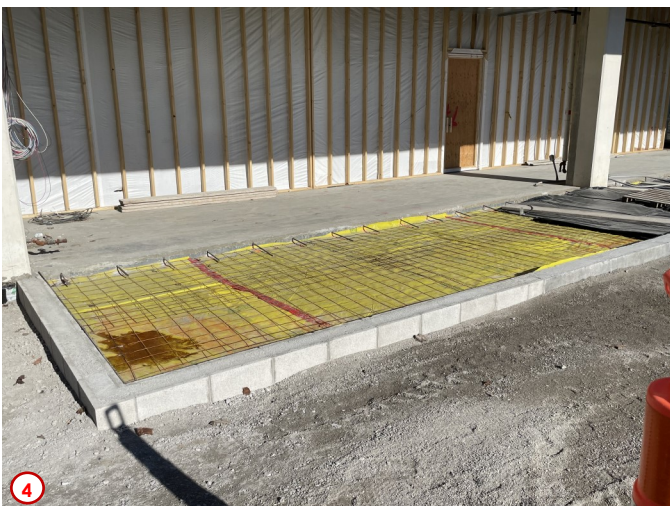
Photo #2 was taken on the first floor near the area that will be the future Entrance/Gallery into the Library. Here an existing section of HVAC ductwork was found to be not structurally sound and therefore is being replaced by a new section with a heavier gauge metal which will help it not only better convey heated or cooled air to the first floor, but will also help it be quieter while in operation which will be an added bonus for this space. The section of reference has been highlighted in yellow.



Photo #3 highlights the first area of wallboard that was installed on the first floor. This is the east wall of the future Entry/Gallery of the Library.



Photo #4 shows the area of the future addition to the southeast corner of the building. Looking at the photo you can see the wire-mesh reinforcing in place and the dowel rods that will help support the floor slab and connect it to the existing slab respectively. Next week this concrete will be placed along with the foundations for the screen enclosure, west entrance canopy, and the new door stop at the base of the west stair tower.



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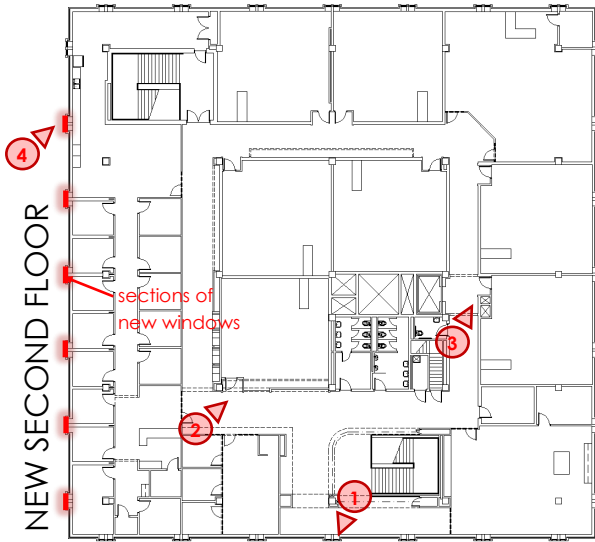


Photo #1 shows some additional demolition that happened this past week. Here the block wall from the window sill down to the floor slab was removed so that the entirety of the window frame is exposed. This was done because the new windows in the 2nd floor commons area only will be floor to ceiling which will allow for even more natural light into the interior of the building.



Photo #2 shows some more the cable tray being installed on 2nd floor. However unlike the basket style in other areas this tray solid as it will be partially exposed due to some of the ceiling systems that will be installed later. This will help the overall aesthetics of the area by hiding the numerous bundles of low-voltage and data cabling that will be housed in the trays.

Photo #3 shows some of the first light fixtures installed on the 2nd floor. The featured fixtures are accent/general lighting in the area of the elevator lobby.

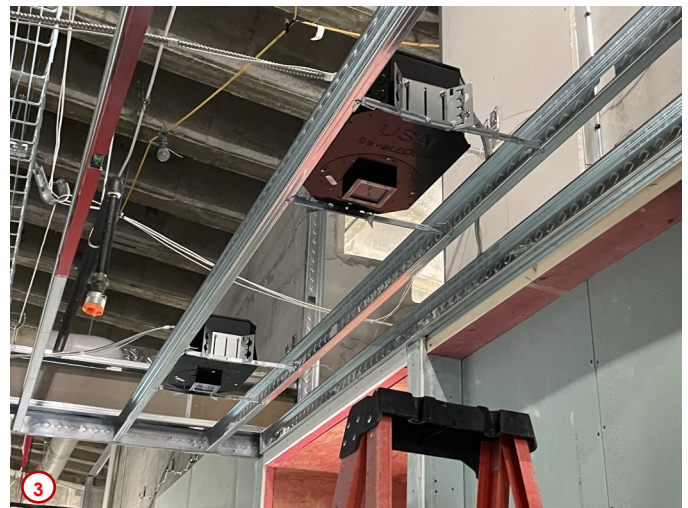


Photo #4 shows the glazing contractors on their lift working on installing the some of the new window units on the north side of the 2nd floor. These windows are outside of the future H/SS Office Suite, and like the new curtain wall systems on the first floor much more energy efficient with their thermally-broken frames and glass with a low 'e' film applied.

