

Building Report | CLRC Renovations and Additions Project

8.27.21

The following are pictures from the week ending in 8.27.21 in regards to the CLRC Renovations and Additions Project. Due to the amount of work happening on the first and second floors I have reordered the sequence of the floors and now they are in sequential order starting from the basement up to the second floor. As there will be a lot of work happening on the first and second floors this will allow me to better cover all the activities that are, and will be, happening throughout this project. This project continues to progress well, and as the necessary demolition is nearly wrapping up this will allow new construction to begin. Again since majority of the abatement has been completed this frees up the demolition work to be completed. In the next few weeks new construction will begin in certain areas of the building which will definitely be an exciting start to the next phase of work needed to finish this building renovation.



Photo #1 highlights the progress of the demolition of the existing finishes in the classrooms that are being redone as part of the overall project. In this particular classroom (C-8) there was more finishes to remove as this room had extra acoustical treatments due to it being used for web conferencing and learning.

Photo #2 shows the progress of tooting in the concrete block so that the new door and frame for the new Janitor's Closet can be installed later. The irony of this photo is that the level of the scaffolding is where the new floor will be later (once erected) for the new closet, however you won't be able to see it from inside the existing mechanical room as it will be covered and held in place by perimeter walls made of concrete block.



Photo #3 is a snapshot of the new entrance from Classroom C-10 into the landing of the west stair in the basement. The existing area under the stairs is being captured to create the room that will house the main fire riser for the new building-wide fire sprinkler system that is being installed to assist in bringing the structure up to current regulations. In the end this space was ideal for this as again it helped us repurpose some dead space in the building, but also because of its proximity to the main domestic water line coming into the CLRC. Having to run less piping to connect the riser to the water main ended up being a considerable costs savings over trying to connect into the old limited fire riser that is in the northeast corner of the building.



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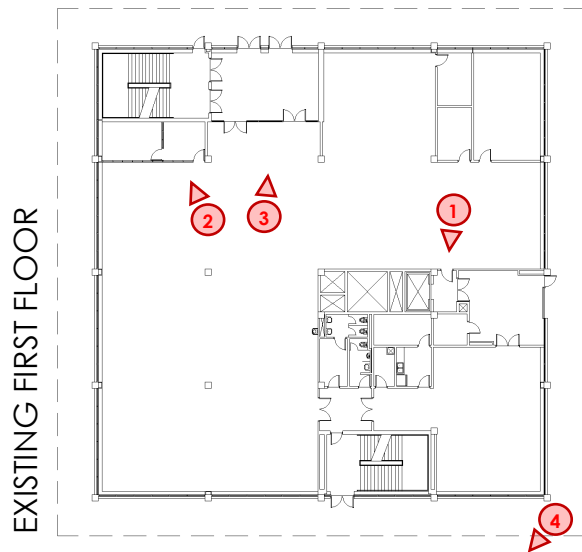


Photo #1 was taken in the area of the old reference section of the Library. Here one can already see the beginnings of the formation of the new main corridor that will connect the future east and west entrances on the first floor and provide the critical barrier free entry to the elevator which will help this building to finally be fully ADA compliant! Once the old infrastructure (mechanical and electrical) systems are removed the new framing required for the corridor walls can start to be erected.



Photo #2 shows the contractors removing the last of the wall systems that used to comprise the Director and Administrative Assistant Offices in the northeast corner of the library. This space will be captured and will come part of the new library as it is reconfigured to fit the new layout of the first floor.

Photo #3 shows the completion of the old entry way into the Library. The only remaining portion to remove is the existing terrazzo flooring that was located in the entry vestibule. Again, this entrance will be removed and a new curtain wall system installed that will serve as the exterior barrier for the future student conference room and staff office suite.



Photo #4 was actually taken outside the southwest corner of the CLRC. Here you can see the contractors "daylighting" or carefully digging to expose existing underground utilities in the area. This process was done for two reasons: 1) to verify the location and depth of the utilities in this area as this is where some footings will be installed for the new entrance canopy, and 2) to verify that there are no other unmarked utilities in the area as well (which does happen).

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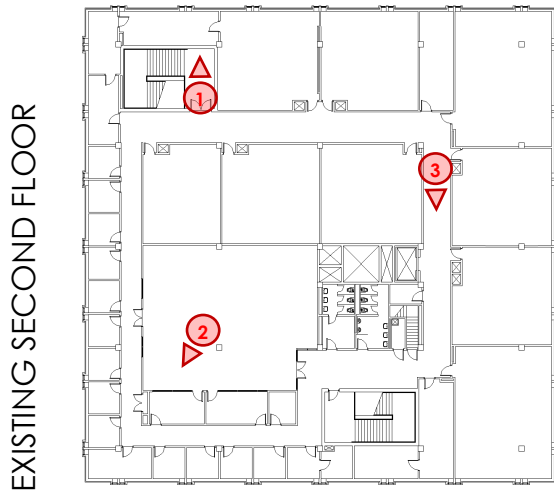


Photo #1 was taken on the top landing of the eastern stairwell. Here you can see the contractors have started creating the new opening that will serve as the emergency exit out of the new faculty lounge in the H/SS Division Office Suite.

Photo #2 shows the current status of basically the northern half of the second floor. All wall, floor finishes, and existing mechanical systems that needed to be demoed have been removed. Cleanup is nearly complete and soon new construction will begin. The first step in the new construction will be to mark the floors and start erecting the new framing. From there the new mechanical, plumbing, and electrical infrastructure will be installed. This will allow the new wallboard and finishes to be completed at a later time (not until early in 2022).



Photo #3 was taken looking west in the southern corridor on the second floor. Unlike the northern half of the floor more of the existing walls will stay in this area. However some demolition and new construction was necessary in order to create ADA compliant entrances to all of the existing classrooms that were set to remain.



Photo #4 shows an innovative process that is happening with the CLRC project. Here you can see a 3D scanner at work creating a virtual model of the building. This virtual model of existing conditions will be merged with the already created version that the architects have been using for the construction documents. This will allow the architects and engineers to see if any adjustments need to be made to the design based on true existing conditions now that demolition is nearly complete, and hopefully avoid any unnecessary construction issues on the job site.

