

# Building Report | CLRC Renovations and Additions Project

11.12.21

The following are pictures from the week ending in 11.12.21 in regards to the CLRC Renovations and Additions Project. There was a lot of activity this week as the targeted waterproofing for the basement began, new framing for some of the walls on the first floor was installed, and more of the in-wall infrastructure was finished on the second floor. There will be a concentrated effort to finish the waterproofing around the south face of the basement so that it can be backfilled so that the foundation system for the addition at the south-east corner of the building can be installed along with the pads for the existing condensers for the server room A/C units can be relocated to their new locations. A lot of coordination is happening with the architects, engineers, and college representatives as we all collaborate on finalizing numerous items such as furniture, security camera and access control locations, the library patron counting system, A/V integration throughout the building, etc. All of these need to be set prior to finishes being installed.

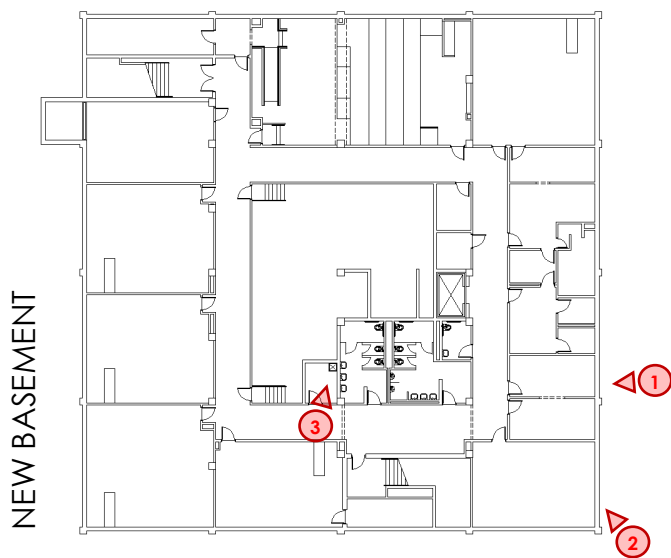


Photo #1 highlights the rather manually intensive process to prepare the surface of the basement walls to receive the waterproofing materials. The existing waterproofing materials have to be scraped off, and then the surface scrubbed so that it is clean in order to allow the new sealcoat and mastic for the drainage board to be properly secured.



Photo #2 shows the first area of targeted waterproofing in place. For proper construction sequencing purposes once the new drain tile is in place adjacent to the existing footing this area will start to be backfilled in layers (or lifts). This is necessary so that the new fill can be properly compacted so that is capable of bearing the future loads from either the building addition or mechanical pads that will be located in this area in the future. This is extremely important because the new backfill needs to meet or exceed the bearing capacity of the in situ (or existing soil) as it has been tested and what the structural engineer for the project used as guidelines when designing the foundation systems for the project.

Photo #3 shows the beginnings of the framing for the ceiling system in the new janitor's closet in the basement. This room will receive a "hard lid" or gypsum board ceiling rather than a suspended system of grid and tile. Additionally, the framing is covered in fire-treated wood sheathing to protect the ceiling from anything falling through and to allow proper support for anyone wishing to access the mechanical systems in the area for maintenance reasons.



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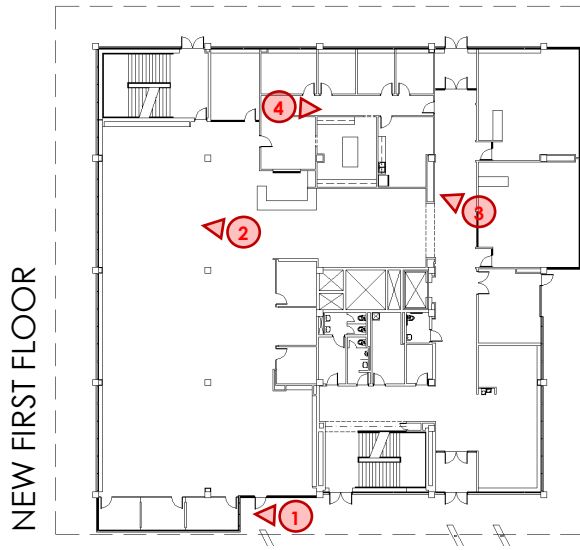


Photo #1 shows the contractors placing the concrete for the floor slab for the addition on the northwest corner of the first floor. This addition will house three new huddle rooms that will provide students with even more options as far as group study or socialization in the renovated Library.

Photo #2 highlights the progress of the installation of the new mechanical infrastructure on the first floor in the Library. This new ductwork will service the stack and computer areas. Once it is all installed and properly sealed it will be insulated. Then other contractors can come into this area and install items such as fire protection and electrical. All of this will be concealed by ceiling systems, lighting, etc.



Photo #3 was taken in the area that will be the main corridor on the first floor and shows the majority of the rough framing now complete for the area that will be the Library Office Suite on the first floor.

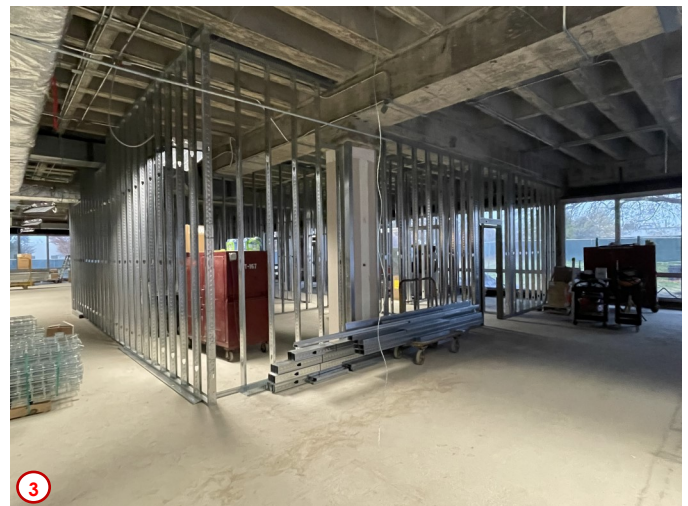
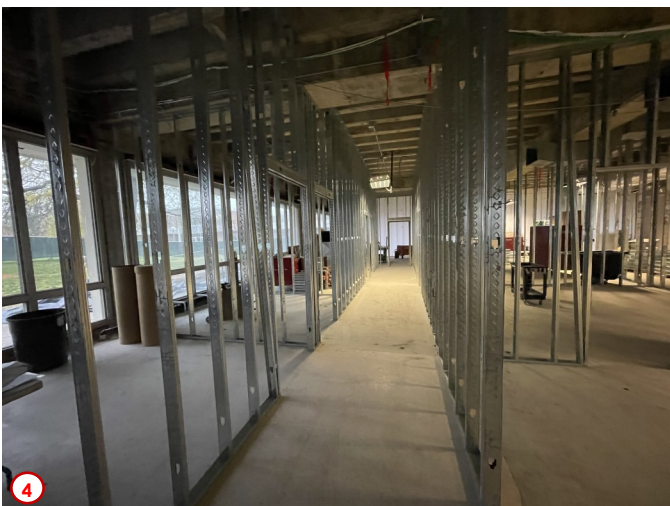


Photo #4 is a view down the future corridor in the Library Office Suite on the first floor. This secure office suite will house offices, a workroom, and a staff lounge.



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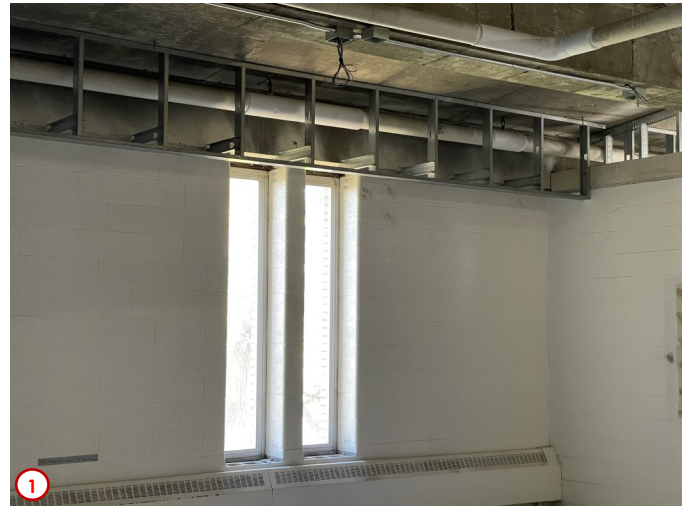
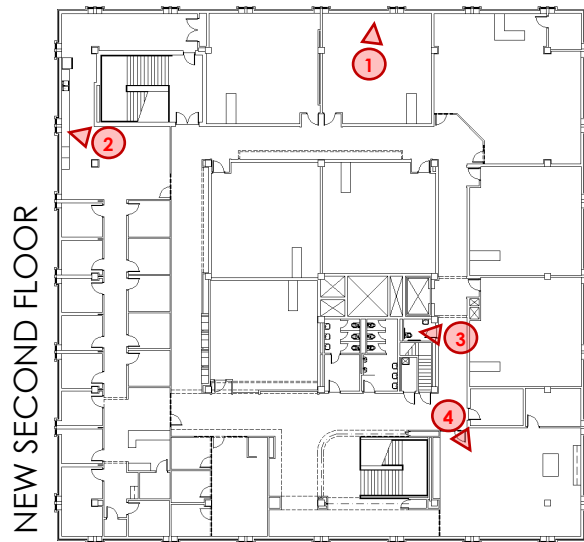


Photo #1 shows the progress of the installation of the rough framing for the future bulkhead that will eventually ring the majority of the second floor. This bulkhead will allow for space sufficient enough to house the future radiant heating panels that will be located here that will supplement the heat loss near the windows and outside walls. It will also allow for a clean termination for the ceiling systems in the area.

Photo #2 was taken in the future Kitchenette area of the H/SS Division Office Suite. Here you can see the rough plumbing going in for the future sink. This is one of many areas where the rough plumbing is being installed prior to the wallboard being hung and finished.

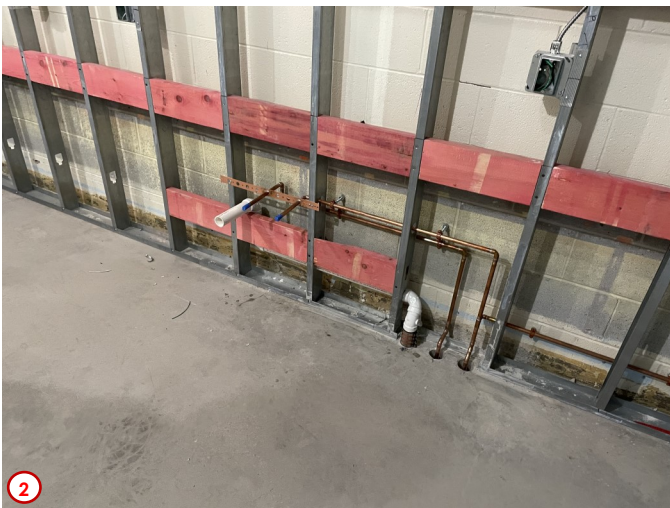


Photo #3 is of the future single-occupant restroom on the second floor. This is another area receiving all the necessary rough plumbing to service the future fixtures. This new restroom will be unisex and will also help complete the efforts to meet ADA guidelines so that this building will be barrier free.

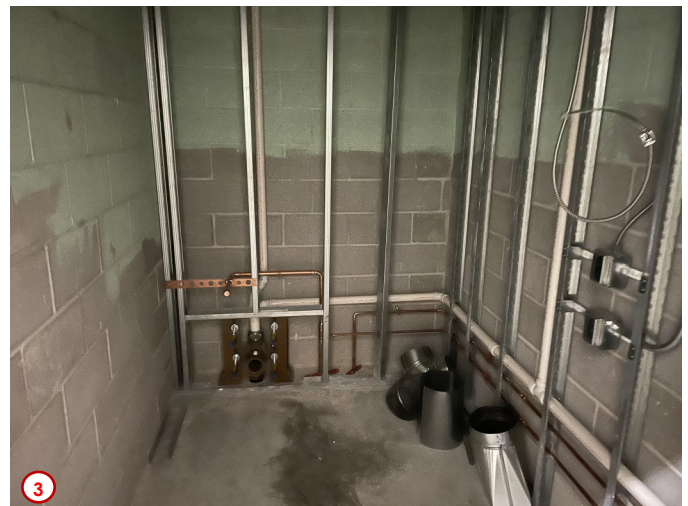


Photo #4 highlights the progress of the installation of the mechanical infrastructure in the area that will be the Student Publications Room. You can see the new ductwork already being insulated so as to meet the energy efficiency requirements of the latest building code guidelines.

