

Building Report | CLRC Renovations and Additions Project

12.17.21

The following are pictures from the week ending in 12.17.21 in regards to the CLRC Renovations and Additions Project. With the basement waterproofing ending the foundation system for the southeast addition was installed this past week. Another significant part of the project began this week with the start of the replacement of the curtain wall system which encloses the entire perimeter of the first floor. The glazing contractors started at the northwest corner of the building and will work there away around the first floor in a clockwise manner. The new curtain walls and window units will be much more energy efficient than the previous versions, and will also feature glass that has a coating to protect building interiors from harmful UV rays. Once they are finished with the first floor then they will move on to replace all of the existing window units on the second floor. More of the new fire sprinkler lines were installed on the second floor with all the branch lines nearly complete. Additional framing was completed as well as more insulation and mechanical and electrical work.

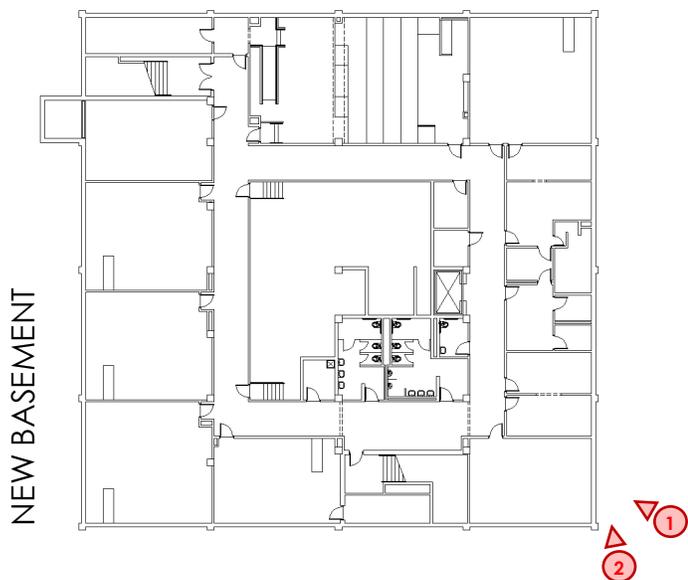


Photo #1 shows the last stretch of basement waterproofing being completed. Additional to the work for the waterproofing in this area to the building proper there will also be some new storm sewer work completed to provide better drainage for the area surround the CLRC.



Photo #2 highlights part of the process of backfilling in around the basement walls. The backfilling is done in "lifts" and instead of placing back the old soil which was comprised of mostly clay and did not drain well the new fill is mostly crushed limestone that is compacted after being placed. This will serve as a good filtration system and provide a sturdy base for the new top soil and sidewalks that will be installed near the completion of the project in the spring.

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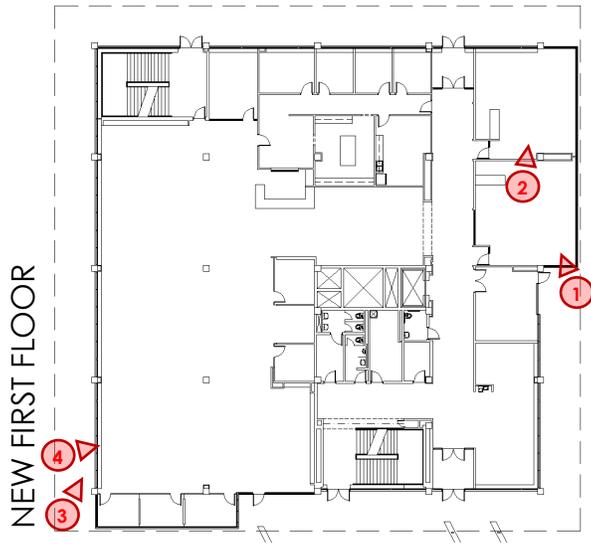


Photo #1 was taken earlier in the week and shows the foundation system concrete placed in the forms with the first of the concrete block being installed.

Photo #2 was taken in a similar area as Photo #1 and shows all the concrete block now in place. Additionally the stone base for the concrete floor slab was placed and compacted, and then the remaining of the backfill in the area was also brought in and compacted. Next week, weather permitting, the new concrete floor slab will be placed for the southeast addition.



Photo #3 highlights the progress of the start of the installation of the new curtain wall system that encloses the perimeter of the first floor. The contractors have started at the northwest corner of the building and will work their way clockwise, and then they will move onto the second floor where all the existing window units will be replaced as well.



Photo #4 was taken later in the week in a similar location to that of Photo #3 and shows the first section of new curtain wall installed. The new curtain wall is on the right and the existing is on the left. This new curtain wall has a different look to it which will update the aesthetics of the exterior of the building, and is also much more energy efficient.



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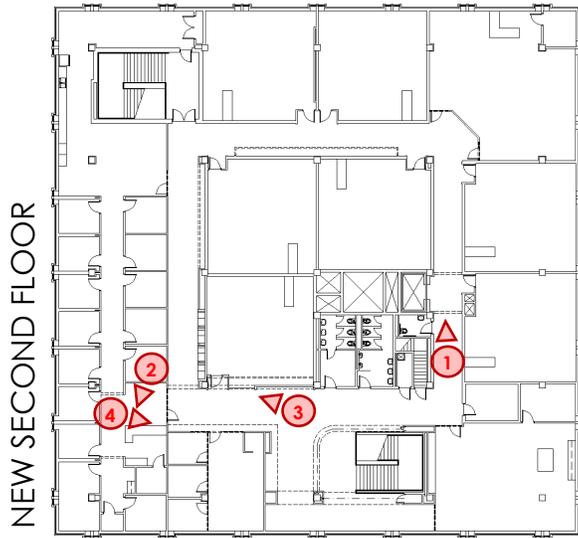


Photo #1 highlights the installation of some additional framing that is meant to help break up the south corridor, but more importantly mark the location of the elevator which will assist in wayfinding for the building occupants.

Photo #2 shows the progress of the start of the installation of some of the suspended ceiling grid in the H/SS Division Office Suite reception area. This is the first portion of ceiling systems to be installed on the second floor which is significant in that it means all of the above ceiling infrastructure is complete and has been inspected, tested, etc. and approved by the local building officials.

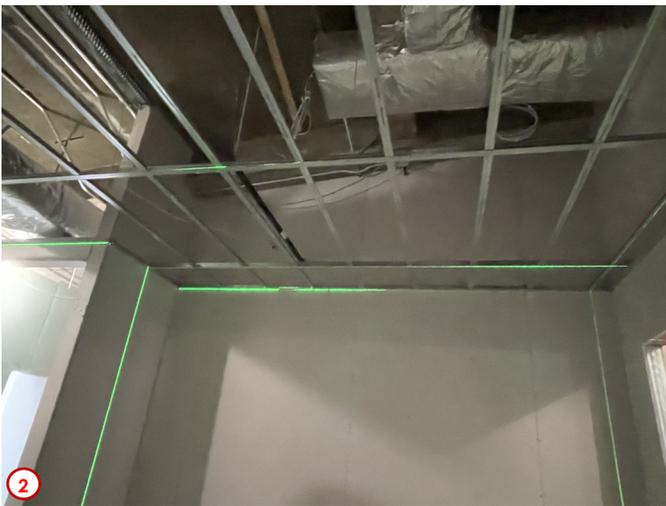


Photo #3 shows more building insulation having been installed in the stud spaces in the new wall framing. With these walls being interior the insulation isn't for heating and cooling reasons, but rather to help provide acoustical separation for the classrooms from the adjacent corridors.

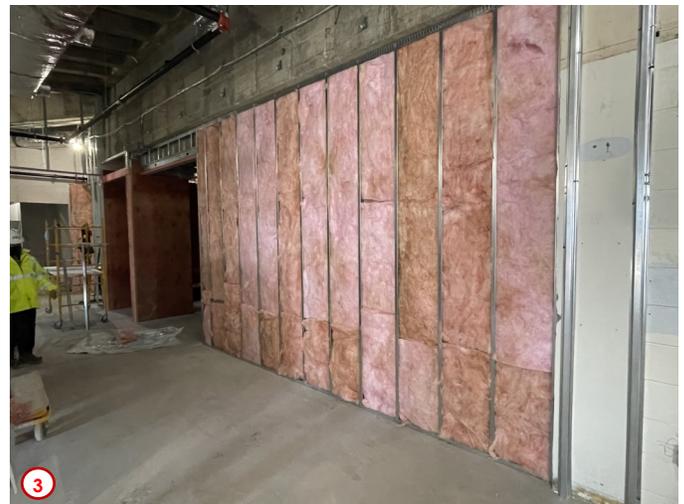


Photo #4 highlights some of the new electrical infrastructure being installed. This particular feed will help provide power to the future case-work for the reception area in the H/SS Division Office Suite. There is also provisions for the data cabling as well that will provide network access for the staff computer systems that will be installed once the building renovations are complete.

