



CONSTRUCTION NEWS & UPDATES
FROM T. A. LOVING COMPANY



ROPER HALL

THE CLOSER

PROGRESSION SUMMARY

Contractors have progressively continued to develop the finish façade of the building (1A). If you have recently visited the project site, you might have seen terracotta panels, window glass, and brickwork flying up to complete the facade of the lofty building. At this moment, you can hear the piercing sound of the heavy machinery cutting materials, the strolling spectators looking up in awe, and you can find yourself saying, “this is what a state-of-the-art facility looks like”.

As crews are working on the installation of the exterior components, quality control measures are taking place during those installations. Testing specific exterior components after installation is key to preventing water infiltration. For example, the “Pull Test” examines the bonding strength of the sealed joints at the masonry brick and precast panels. This adhesion test is a standard practice that the American Society uses for Testing and Materials (ASTM C 1521). The joint sealant is pulled upward and measured to determine its compressive strength to achieve accurate test results. Upon a passed examination, the penetrated area is sealed by the contractor and tested again at various locations by the testing agency.



(1A) Medical Drive Exterior View (Above)

EXTERIOR PROGRESSION

EXTERIOR COMPLETION

Nearing completion, you can see how the tan precast panels are harmonious with the neighboring Brinkhous building (1B). Closing out the exterior is not only an item marked off our list but also allows for other contractors to mobilize, such as the pavers and landscapers. It is imperative to get the ball rolling with our concrete subcontractor so that they can prep to pour our stairs at the south elevation of the building. Completing this task will be a progressive win for the team, as it will provide access through the site from Medical Drive to Columbia Drive. As we install our permanent doors with locks, we will be able to dismantle and remove the fencing around the site. Be aware that the remaining site work will continue, which includes curb installation and asphalt paving along Medical Drive. Please be aware when traveling through this area over the next couple of months as crews work on the final installs.



(1B) South-East Elevation View (Above)

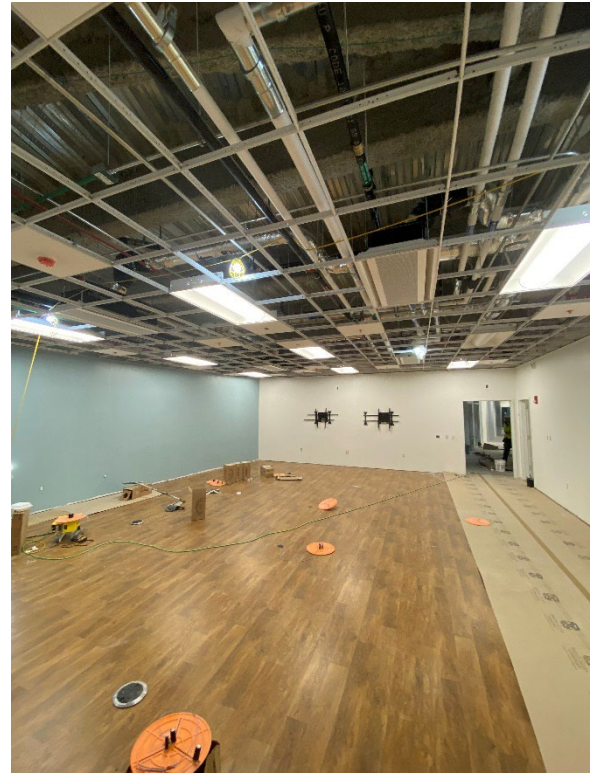


(2B) North-East Elevation View (Above)

INTERIOR PROGRESSION

INTERIOR BUILD-OUT

Focusing on the interior of the building, crews are now installing finish material on various floors throughout the project. This includes finished flooring, fixtures, paint, and casework. Adjustments were made in the field that allowed for the installation of the finished material. This includes using temporary heaters as we transitioned to permanent power and introducing steam to the building. Along with the Air Handler check-out process, power and steam are all needed for permanent heat to move inside the building. You might ask yourself why the outside weather is so critical to the interior build-out. Most interior finishes (flooring, cabinets, paint, flooring, etc.) can crack, not adhere, or be set up properly during below freezing or fluctuating temperatures (1C). With permanent heat now moving through the building, we can begin all finish activities without the concern of fluctuating temperatures impacting the installation (2C). As the contractors streamlined one behind the other, we ensured to protect their work to prevent damages and losing time on the schedule due to rework. For example, as the flooring contractor completed their work in a room, protection material was placed on the finished floor. The protection material is a thick sheet of cardboard material called “Ram Board” (3C). This small preventative measure protects the flooring from scratches, liquid spills, and the impact of heavy machinery to the finished flooring.



(1C) Skills Procedure Room - 4250 (Above)



(2C) Level 4 Women's Bathroom (Above)



(3C) Faculty Collegium Room - 3127 (Above)

UPCOMING WORK

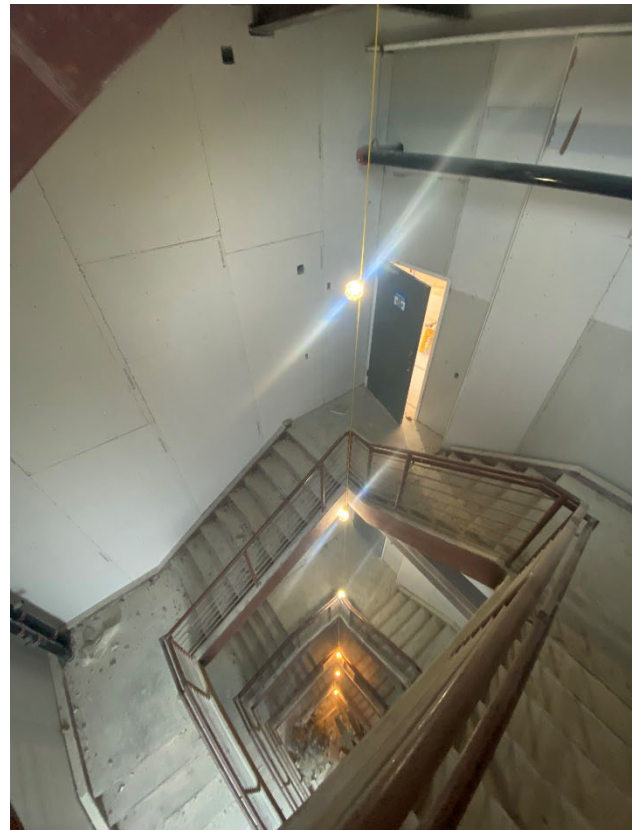
NEXT 60 DAYS LOOK AHEAD



(1D) Seminar Room - 4110 (Above)

Interior build-out will progress to near completion in the next 60 days. We have already begun performing a “Pointing Up” task between Level 3 and Level 5. Pointing up is a process used in the construction world where the framing contractor repairs any imperfections in the wall, and the painting contractor comes behind them to put their final coat of paint on the walls (1D). This process can be seen as a great symbol of progress as it is typically one of the last steps followed by the furnishing contractor. We will also finalize our overhead inspections with UNC, State Construction, and Affiliated Engineers before we drop our remaining ceiling tile in the grid. This final overhead inspection ensures that the contractor has adequate labeling, installed their work correctly, and their equipment is accessible for maintenance.

We have installed fireproofing insulation in the stairwell locations, so we plan to complete this build-out in the stairwell over the next 60 days (2D). Next, the contractor will frame their drywall, followed by “mudding and taping” at the joints. This process bonds the many pieces of drywall into a single solid wall. When installed correctly, the walls will be flushed and flat after smoothing out the blemishes with sanding paper. We can also expect the flooring contractor to complete the installation of the rubber treads on both emergency stairways within the next 60 days. This unique flooring will have photoluminescent strips incorporated into the tread. The strips in the tread will “glow in the dark,” making the tread easier to see, especially in an emergency scenario.



(2D) Stairwell Drywall Installed (Above)

Follow the construction progress at:

<https://app.oxblue.com/open/TAL/UNCMEB>

EDITOR EXTRA PHOTOS



DRONE OVERVIEW – NORTH ELEVATION



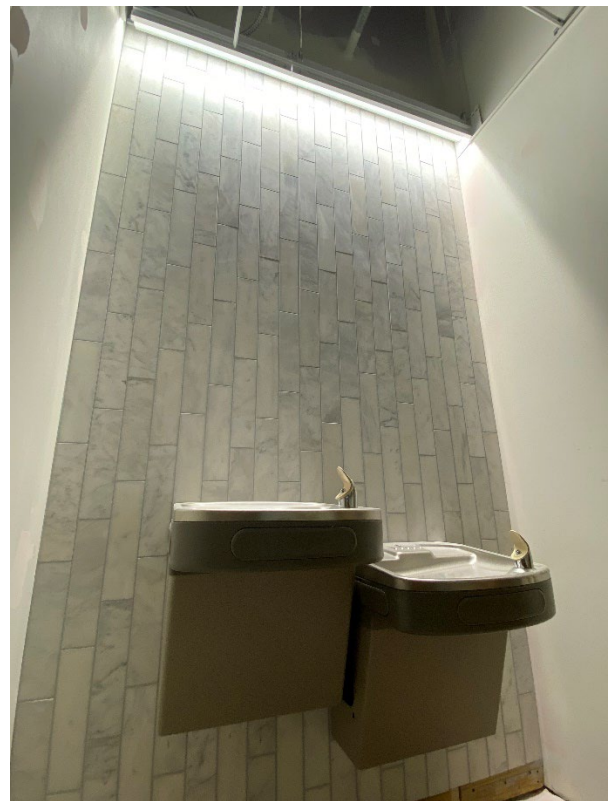
DRONE OVERVIEW – NORTH ELEVATION



LEVEL 3 - CONFERENCE ROOM



LEVEL 3 - BATHROOM



WATER COOLERS INSTALLED