

Building Report | Life Sciences Façade & Addition

9.29.17

The following are pictures from week of Sept. 25 - 29, 2017 in regards to the Life Sciences Building Façade Improvements & Addition Project. Thankfully due to some more cooperative weather the contractor was able to finish the foundation work this week. Next there will be backfilling happening around the perimeter of the foundation in conjunction with the installation of the foam insulation board. The contractor will also start to excavate more of the existing soil in the area of the future floor slab, this is so the base stone can be placed along with the conduit and junction boxes for the in-floor electrical outlets. Also, some of the structural steel for the addition as well as the steel base framing for the new sunshade systems will arrive next week. Installation of the base framing will start next week most likely. The masons will also be back on site next week to start installing the concrete block for the addition.



The top-left photo highlights not only the completed formwork for the addition foundation, but some of the infrastructure that needed to be completed prior to placing the concrete. Here you can see one of two stub-outs that will connect the roof drains to the storm sewers.

The top-right photo shows the finished foundation with the forms stripped. The contractor will place the foam insulation board and backfill around the perimeter of the footings starting early next week.

The bottom-right photo highlights the process of placing the concrete into the formwork. Here you can see a worker guiding the nozzle from the pumping truck to shoot the concrete mix into the form. Following closely behind is a couple of workers with the vibratory compactor that is inserted into the mix to get it to work around the reinforcing steel and settle in to form a solid bond to the reinforcing steel.

The bottom-left photo shows the first layer of a patch being applied to the roof of the north wing where the old brick ribs penetrated the roof.

