

Building Report | Life Sciences Façade & Addition

11.17.17

The following are pictures from the week of Nov. 13 - 17, 2017 in regards to the Life Sciences Building Façade Improvements and Addition Project. There was a great amount of work completed this week with the installation of the roof and floor slabs for the addition, as well as the support steel for the new shade system on the south and east facades of the building. With the roof and floor slabs now in place and ready that opens things up for even more trades to be on site, and so we should see the processes for the addition completion start moving more rapidly. Now that all the support steel for the new shade systems on all four faces of the building the new mesh panels can start to be installed. These panels should all be installed within the next few weeks and will dramatically change the overall exterior look of the building.



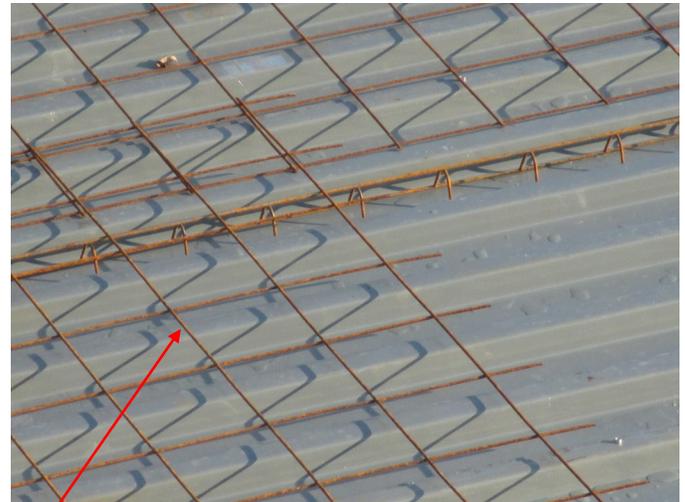
The top-left photo highlights the preparation for the installation of the concrete floor slab of the addition. Here you can see the under slab vapor barrier and rigid insulation being placed.

The top-right photo shows some of the welded-wire fabric reinforcing mesh being installed on top of the metal decking as part of the roof system prior to the placement of that concrete slab.

The middle-right photo shows the placement of the concrete for the floor slab.

The bottom-right photo shows the placement of the concrete for the roof slab. This slab will provide laterally stability for the addition against external loads like wind.

The bottom-left photo shows slab around one of the structural steel columns for the addition. This concrete is poured separately so that if the columns moves it won't cause cracking in the floor slab.



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The top-left photo shows one of the contractors cutting the control joints in the floor slab. This joint will help to keep cracks in the future from telegraphing through the slab.

The bottom-left photos show the completed installation of the support for the new shade systems on the east and west faces of the Life Sciences Building. Now that the support steel is in the mesh panels can now be installed and then the façade improvements portion of the project will be completed.



The top-right photo highlights the installation of the last few bays of support steel on the south face of the building. The installation of the steel in this area will take a little longer as it is more difficult due to working around the greenhouse and connecting corridor.

The bottom-right photo shows some of the final brick restoration work happening around the building. This is one of three piers left for the mason to reconstruct after the installation of the new support steel for new panel system. After this the masons will move on to the north block wall and curved wall of the addition.

