

# Building Report | Life Sciences Façade & Addition

9.15.17

The following are pictures from week of Sept. 11 - 15, 2017 in regards to the Life Sciences Building Façade Improvements & Addition Project. Progress is being made with the brick masons on site constructing the new brick ribs which is one of the last steps in getting the building to be weather-proofed once again after the demolition of the old brick ribs. Once all the new brick ribs are completed the steel fabricators and erectors can install the new metal sunshade systems on all four faces of the building. The foundation formwork is almost complete for the addition and the reinforcing steel cages are being assembled. Barring any bad weather the concrete for the foundation can start to be placed next week. Once the concrete for the foundation is cured enough the metal framing for the exterior walls of the addition can be installed.



The top-left photo shows a detail of the new brick ribs that are going up between the existing sections of curtain wall systems. Here you can see a new stirrup-shaped horizontal tie hooked into an existing slotted anchor connected to the building frame. This tie anchors the brick piers to the building, and the slotted anchor allows for the materials to expand and contract at different rates to avoid cracking.



The top-right photo shows some of the new brick work around the new anchor plates for the new metal sunshade system to be installed later.

The bottom-right photo shows the progress of the assembling of the reinforcing steel as it is being placed in the forms for the foundations for the addition. Once placed the concrete will cure around the steel and provide a solid foundation for the building addition framing.



The bottom-left provides a good overall look at the new addition being constructed. The out line of the addition is becoming easier to identify, and provides a better sense of scale.

