APPLIED RESEARCH BUILDING

DATE: 11/15/21-11/26/21

PHASE: Project Overview

Facing North View

Facing South View
APPLIED RESEARCH BUILDING

DATE: 11/15/21-11/26/21

PHASE: Structural Deck

Fun Fact:
The square blockout next to the wall form in the top photo is a bathroom that will get tile flooring. Therefore, it has 2x4s to distinguish the finish level of that area to compensate for the tile construction build up. The bottom photo shows the depressed area after it’s poured.
APPLIED RESEARCH BUILDING

DATE: 11/15/21-11/26/21

PHASE: Structural Concrete

Fun Fact:
Surveying is a huge aspect of construction. As shown in the bottom picture, deck layout has been marked to identify the grid-lines on the plans and offset points. Each item installed must be measured off of those dimensions to ensure alignment with the engineered design of the building.
APPLIED RESEARCH BUILDING

DATE: 11/15/21-11/26/21
PHASE: Vertical Structure

Flying Pre-Fab Steel Column

Fun Fact:
Most of the reinforcing is being pre-fabricated prior to installation. To increase production and efficiency as well as safety. As shown in the pictures, immediately after the deck pour, the team was hoisting and setting the reinforcing steel columns on level 2 to provide the support necessary for the next deck level.

Setting Steel Columns On Level 2
APPLIED RESEARCH BUILDING

DATE: 11/15/21-11/26/21
PHASE: Continued Production

Level 2 West Decking Complete - Ready for Reinforcing

Water Proofing Of The Exterior Footings And Continued In Slab Electrical Conduits

Fun Fact:
Waterproofing is applied in areas where there is a risk of moisture building up from the ground(dirt) into the building.
## Applied Research Building

**Phase:** What's next?!

**Date:** 11/15/21-11/26/21

- Level 2 Deck Plumbing and Mechanical Rough-In.
- Level 2 Deck Electrical Rough-In.
- Level 2 Vertical Structural Pours.
- Thermal Vacuum Chamber Protection Build-out.
- Level 2 Deck Completion
- SOG Initial Grind and Protection.
- Structural Steel Stair Erection.
- Architectural Building Mock up.
- Interior and Exterior Priority Wall Framing.
- Level 3 Shoring