APPLIED RESEARCH BUILDING

DATE: 01/10/22-01/16/22

PHASE: Project Overview

Facing North View

Facing South View
Fun Fact:
Level 3 floor height is approaching the top of the Highland Garage and AME building. Level 4 contains the majority of the mechanical infrastructure for the building.

All rebar on the vertical components shown in the Core Wall-1 pictures have bent bars which will overlap into the horizontal bars that tie into the concrete deck above.
APPLIED RESEARCH BUILDING

DATE: 01/17/22-01/23/22

PHASE: Interior Framing

Fun Fact:
The first interior framed wall is in the hallway on the northwest side of Level 1. This wall will allow for a major portion of the overhead mechanical duct, piping, electrical racks, fire sprinkler and more to begin to be installed.
APPLIED RESEARCH BUILDING

DATE: 01/17/22-01/23/22
PHASE: Concrete

Level 3 Columns and Walls

Fun Fact:
Level 3 concrete is complete. Over 110,700 cubic feet of concrete have been poured to date at ARB!

Level 3 South Slab Finishing
APPLIED RESEARCH BUILDING

DATE: 01/17/22-01/23/22

PHASE: Form Work

Stripping L3 Shear Wall-1

Fun Fact:
Level 3 is approximately 5' shorter than the remaining floors, the ceiling is 15' high, while the remaining levels have 20' ceiling heights.

Closing L3 Shear Wall-2
APPLIED RESEARCH
BUILDING

DATE: 01/17/22-01/23/22
PHASE: Mechanical, Electrical & Plumbing

Fun Fact:
During the pre-installation period, the sequence is coordinated among all of the build partners. At ARB, the fire sprinkler system will be installed first, closest to the deck, followed by electrical and mechanical duct.
APPLIED RESEARCH BUILDING

DATE: 01/17/22-01/23/22

PHASE: Building Information Model

Fun Fact:
Building Information Modeling (BIM) provides a virtual look into a building before it is built.

The ARB Design Build team conducts a final BIM review with Planning, Design & Construction inspectors & engineers and Facilities Management staff prior to each phase.

Level 4 BIM Finalized
APPLIED RESEARCH BUILDING

DATE: 01/17/22-01/23/22

PHASE: What's next?!?

COMING SOON

- Structural Steel.
- Exterior Wall Framing.
- Level 3 Vertical pours.
- Level 4 Shoring.
- Level 4 Concrete Pour.
- Architectural Building Mock up.
- Level 2 Re-shoring.
- Level 1 In wall electrical and plumbing.
- Level 1 Ductwork.
- Main Equipment Pads.