APPLIED RESEARCH BUILDING

DATE: 03/14/22-03/20/22
PHASE: Project Overview

Facing South View

Facing North View
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DATE: 03/14/22-03/20/22
PHASE: Concrete

Fun Fact:
The highbay is 40' high and will have (2) 30' tall bi-folding doors to provide access from the outside.
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PHASE: Reinforcing

Fun Fact:
Post tension slabs allow for thinner longer slabs with fewer supports (beams & columns). These cables usually gets stressed a few days after the concrete is poured and/or when it reaches about 80% strength.
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PHASE: Structural Steel

Fun Fact:
Steel embeds are set into the concrete structure during the concrete pour. Later, a knife plate is welded to the embed for the steel beam to bolt onto.
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PHASE: Building Exterior

Fun Fact:
The form work platforms sticking out of the building are called "outriggers". These platforms are used as a material pick-up station by the crane.
Fun Fact:
The final steel beam placed at the top of the building is traditionally celebrated at a topping out celebration. The top beam for ARB has been delivered to the site early so project team members can sign it before it is installed in the building.
Fun Fact:
The building conditioning system will connect to the University chilled water system
PHASE: What's next?!?

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- Exterior Waterproofing.
- Architectural Building Mock up Completion.
- Level 1 production walls.
- Level 2 In Wall MEP
- Level 4 Mechanical Room Steel
- High Bay Stripping.
- Main Equipment Pads.
- Yard Concrete Pour.
- Glazing and Skin Support Steel.