APPLIED RESEARCH BUILDING

DATE: 10/11/21-10/15/21

PHASE: Project Overview

Facing North View

Facing South View
APPLIED RESEARCH BUILDING

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PHASE: Slab On Grade

NE Corner Slab On Grade Vapor Barrier and Concrete Pour

Fun fact
The concrete pour process on the northeast corner of the first floor took a full working day and approximately 160 cubic yards of concrete to complete. This High Bay area will have tall roll up doors.

Early Morning NE Corner Slab On Grade Pour
APPLIED RESEARCH BUILDING

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PHASE: Concrete & TV Chamber

Saw Cutting NW Slab

Fun fact
Thermal Vacuum Chamber will be set near the SW portion of the building and will have a whole control room dedicated to it along with Anechoic Chamber control room and a dedicated pump room for the Chamber.

TV Chamber Membrane Waterproofing
APPLIED RESEARCH
BUILDING

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PHASE: Mock-Up

Slab on Grade Salt&Pepper and Medium Grind

Fun fact
Slab on grade will contain 1/2" aggregate which will have a more blended look with the cement when grinded, whereas the elevated floor will contain 1" aggregate for more strength. This look will distinguish the aggregates in the slab. The same size aggregates are used in the building columns.

Upper Levels (Large Agg) and SOG Heavy Grind
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PHASE: Underground Utilities

South Side UG and SES Rack Electrical

Fun fact
20,000 linear feet of underground conduit have been installed (nearly 4 Miles of PVC conduit).

Under Ground Domestic Chilled Water Line
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PHASE: What’s next?!?

coming soon!

- Slab On Grade Pours
- Level 2 Deck Forming and Reinforcing.
- Level 2 Deck Plumbing rough-is.
- Level 2 Deck Electrical lines installation and rough in.
- Setting Thermal Vacuum Chamber
- Stairs Steel Structure
- Whole Building Mock up