



# APPLIED RESEARCH BUILDING

DATE: 09/27/21-10/01/21

PHASE: Project Overview - South and North



Facing North View



Facing South View

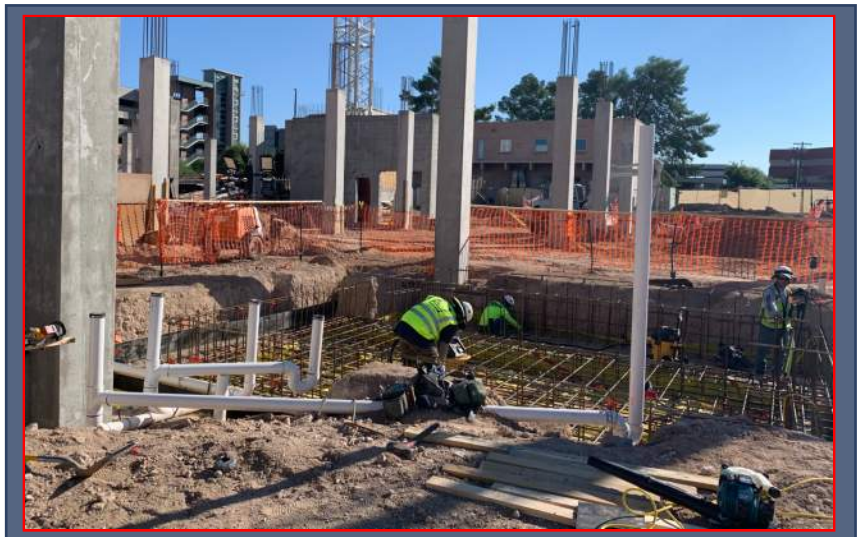


McCarthy + SmithGroup  
ARB Design Build Team

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PHASE: Underground Utilities



Thermal Vacuum Waste Lines



Storm Drain Main

### **FUN FACT:**

Plumbing from these underground locations for waste and storm drain run from their underground locations all the way to the roof! The systems will be installed concurrently as the structure gets erected.



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PHASE: Structural Concrete



SOG Area 1 - Aggregate Base and Vapor Barrier



Thermal Vacuum Pad Reinforcing



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DATE: 09/27/21-10/01/21

PHASE: Electrical Underground Infrastructure



Main Building Electrical Stub-ups



Area-2 Underground Utilities

**FUN FACT:**

There will be two 208V fork lift charging stations in the north west corner of the building pad. The equipment will permit offloading and loading all of the amazing material that is being researched in the building.

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PHASE: Structural Concrete



**Elevator 2 Pit Wall Stripped & Dynamic Embeds Poured**



**Core Wall 1 Stripped**

### **FUN FACT:**

The Northeast corner of the Slab on Grade will combine a 6" thick and 12" thick concrete slab. This portion of the building is where the large scale testing and shaker table will be located.





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PHASE: What is next!?

UP COMING  
NEXT

- Slab on grade mock-up and finish
- Slab on grade concrete pours
- Thermal Vacuum Chamber wall and foundation support
- Level 2 Deck post shores and panel installation
- Level 2 Deck plumbing rough in
- Level 2 Deck electrical conduit installation
- Structural steel stair installation



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