



THE UNIVERSITY
OF ARIZONA

APPLIED RESEARCH BUILDING

DATE: 09/05/22 - 09/19/22

PHASE: Project Overview



Facing North View



Facing South View



McCarthy + SmithGroup
ARB Design Build Team

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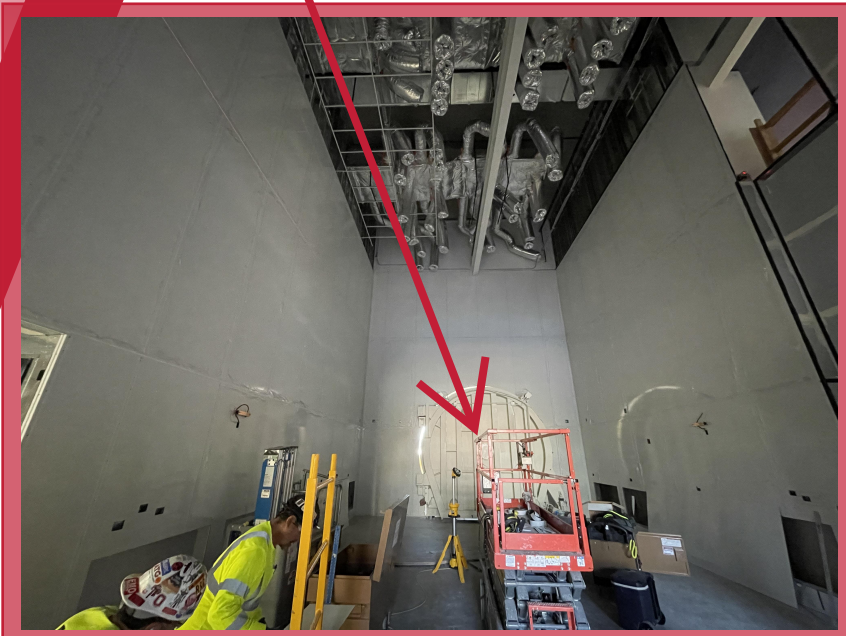
PHASE: Thermal Vacuum (TV) Chamber - Clean Room

Fun Fact:

The clean room wall panels will control potential contamination such as humidity, pressure, and temperature because they are composed of a material that prevents microbial & fungal growth, dust, and debris.

The Thermal Vacuum Chamber will be used to test equipment in an environment that simulates the conditions in Space. [Flashback of TV Chamber Installation Nov. 2021](#)

TV Chamber Door



Installation of wall panels in
the room North of the TV
Chamber

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PHASE: Final Major Concrete Pour



This loading area was our last major concrete pour of 50+ cubic yards! Going forward, we will have more small pours around the site.



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PHASE: **Flooring**

The Applied Research Building has many areas that are exposed concrete and receive a heavy grind. This heavy grind is close to 400-grit resin, which leaves a slight shine and reveals the rocks embedded in the concrete.



Grinding the exposed concrete floors on level 2



The brown board will protect the heavy grind finished floors to prevent damage during the remaining construction in these areas.

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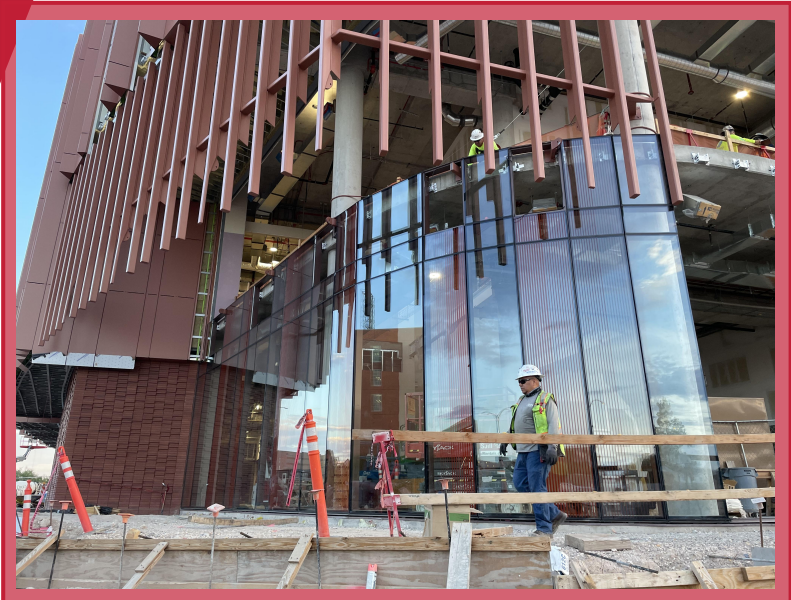
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PHASE: Glass Installation

Glass installation continues, crews will be ramping up next week and mobilizing a crane to install glass on the West side.



Storefront being installed on SW corner



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PHASE: Metal Panel Facade

Crews are ready to turn the corner and install the last of the skin on the South elevation!



Metal panel progress on East side



Metal panel systems progress on the West and North sides.



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



- North Yard Walls and Gates
- Exterior Glass Installation
- Interior Glass Installation
- Specialty Bi-fold Doors
- Bathroom Tile



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