The north shear walls of the building are up and ready for concrete. Shear walls provide major structural support for the building concrete cast in place structure.

DATE: 8/16/21 - 8/20/21

PHASE: Overall Project View

The University of Arizona
APPLIED RESEARCH BUILDING

Jobsite camera facing south

Jobsite camera facing north
The University of Arizona

APPLIED RESEARCH BUILDING

DATE: 8/16/21 - 8/20/21

PHASE: Tower Crane & Caissons

Tower Crane base completed & protected

This crane will have the capacity to pick up to 15,400 lb at 197' and up to 26,400 lb within 115'.

Final caisson drilling in progress - Caissons support the mass foundation systems
Deep excavation completed for elevator 2 and stair 2. These deep foundations are over 8 feet in depth. The deep foundations will secure the load of the structure & keep it supported to prevent a major deflection and/or any sliding in the soil.
The north shear-walls of the building are up and ready for concrete. These walls will support the building structure and hold the roll up door in-between them.

Shear-walls and columns - Main building structure

Level 1 - Steel embeds onsite
The north vault will be the pathway to provide permanent building power.

North Vault Placement

Level 1 Building Information Modeling is finalized.
**APPLIED RESEARCH BUILDING**

**DATE:** 8/16/21 - 8/20/21  
**PHASE:** What's Next?!  

<table>
<thead>
<tr>
<th>What's Next?!</th>
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<tbody>
<tr>
<td>- Electrical Infrastructure Outage and Tie-In completion to provide permanent power.</td>
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<tr>
<td>- Temp Vista Switchgear, which is an electrical distribution gear providing main building power.</td>
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<tr>
<td>- Embeds and Underground MEP rough-in.</td>
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<tr>
<td>- Vertical Structure concrete pours.</td>
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<tr>
<td>- Grade Beams and Foundations complete reinforcing, inspection and pour concrete.</td>
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<tr>
<td>- Demo and remove old encasement pads.</td>
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