APPLIED RESEARCH BUILDING

DATE: 09/20/21-09/24/21

PHASE: Project Overview

Facing North View

Facing South View
The domestic water system connects in the UArizona concrete tunnel below the dirt grade. The tunnel provides utilities and utility access all over campus.

**FUN FACT:**
The domestic water system connects in the UArizona concrete tunnel below the dirt grade. The tunnel provides utilities and utility access all over campus.
APPLIED RESEARCH BUILDING

DATE: 09/20/21-09/24/21
PHASE: Vertical and Horizontal Structure

Core Wall-1 & High-Bay Columns Prep for Pour

FUN FACT: The concrete columns rise out of the ground approximately 40'. The High Bay area is where high-tech research material and equipment will be assembled & disassembled.

Thermal Vacuum Vapor Barrier
APPLIED RESEARCH BUILDING

DATE: 09/20/21-09/24/21

PHASE: Underground Electrical Infrastructure

Area-1 Underground Utilities Completion

Generator/ Feeders Excavation

FUN FACT:
The generator once fully operational will provide a secondary power source. The generator has enough power to keep main building systems operational in the event of a power outage.
DATE: 09/20/21-09/24/21

PHASE: Finish Concrete

Core-2 and Round Columns Stripped

Shear Wall-3 & Stem Wall Poured
APPLIED RESEARCH BUILDING

DATE: 09/20/21-09/24/21

PHASE: Site Activities

FUN FACT:
TEP completed their work finalizing the remaining public utility re-routes necessary to complete the building utilities.

UA Engineering Students Tour

TEP Pole Removal
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- Slab on Grade Grind Mock-up
- Underground plumbing layout and installation
- Electrical underground installation and main building power
- Slab on grade and vertical structural concrete pours
- Thermal Vacuum Chamber support pad reinforcing
- Elevator pit concrete pour and utilities
- Structural steel stairs and first level miscellaneous steel