



APPLIED RESEARCH BUILDING

DATE: 12/13/21-01/09/22

PHASE: **Project Overview**



Facing North View



Facing South View



McCarthy + SmithGroup
ARB Design Build Team

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PHASE: Shoring and Decking



40' Towers Are Set



Level 3 Decking

Fun Fact:

The 40' shoring towers hold up the level 3 decking where there are openings through level 2 deck. The total height of the first and second floor is 40'.



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PHASE: Structural Steel and Framing



Over TV-Chamber Structural Steel Beams

Fun Fact:

Cold-Formed Metal Studs are used throughout the building to frame interior and exterior walls. The exterior skin system is designed to be attached to the exterior stud walls system and to specific structural embeds.

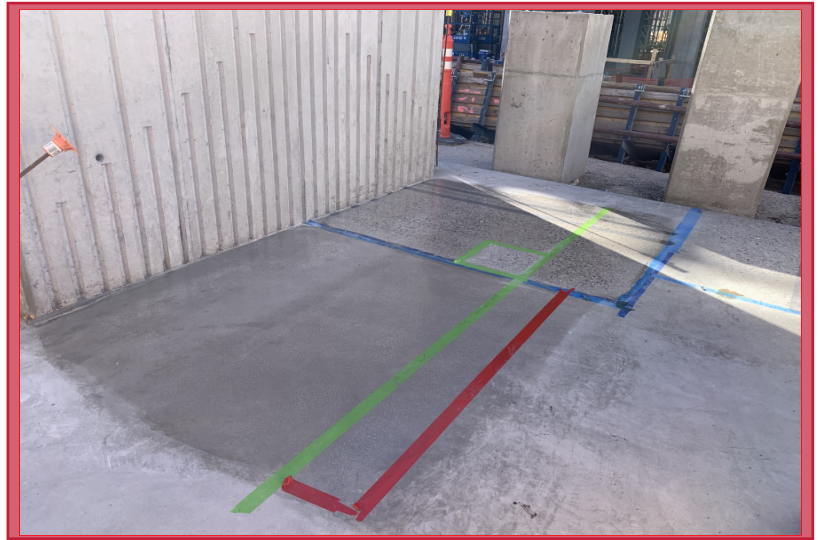


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PHASE: **Finishes**



Exposed Concrete Floor Polish and Sealant Mock-up



Stair-3 Level-2 Reveals Wall

Fun Fact:

Once the depth of the concrete grind is accepted, the finishes are demonstrated on the mock up to select the level of Sheen (level of glossiness). Sheen is obtained by the level of polish grit used and the amount of passes performed.

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PHASE: Mechanical, Electrical & Plumbing



Fire Hydrant Installed on-site



MEP Hangers and Block-outs on Level 3 Deck

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Building ATS and Generator Tie -in



Level-1 Restroom In-wall Plumbing

Fun Fact:

The ATS is an auto transfer switch, which is connected to the generator and is programmed to switch the power source to the generator in the case of normal power loss.



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

**COMING
SOON**

- Structural Steel.
- Level 1 Re-shoring
- Interior and Exterior Priority Wall Framing.
- Level 3 Concrete Pour.
- Architectural Building Mock up.
- Level 1 In wall electrical and plumbing.
- Level 1 ductwork.
- Equipment Pads.
- Level 3 Vertical pours.
- Level 4 Shoring



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