



# APPLIED RESEARCH BUILDING

DATE: 11/01/21-11/05/21

PHASE: **Project Overview**



Facing North View



Facing South View



McCarthy + SmithGroup  
ARB Design Build Team

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PHASE: Slab On Grade



Integral Color Concrete Slab Poured (Stone Harbor Color)



**Fun Fact:**

Integral concrete is a liquid color added to the Portland cement during the concrete mix process to produce the desired color. There are several colors to choose from such as red, blue and dark gray.





THE UNIVERSITY  
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PHASE: **Structural Concrete**



**Fun Fact:**

Project Milestone - ALL Slab on Grade has been poured. Over 2200 cubic yards of concrete was used for the ARB foundation and slab.



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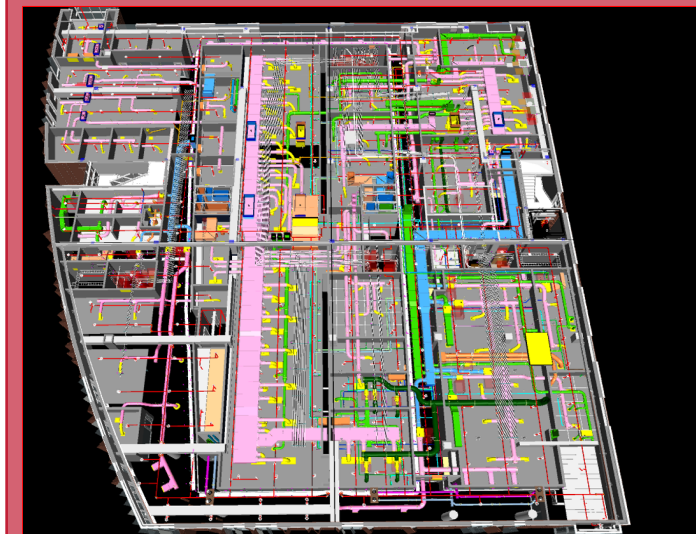
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PHASE: Mechanical Electrical and Plumbing



Level 2 MEP Deck Support Inserts Set



Level 3 BIM Coordination Ongoing ( Levels 1&2 finalized)

**Fun Fact:**

Deck inserts or Blue Bangers are cast into the underside of the concrete deck after being fastened to the top of wood forms or metal deck. Once the concrete has cured, the anchor provides an attachment point for a threaded rod used to hang electrical, mechanical and plumbing utilities.





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

**coming soon!**

- Level 2 Deck Forming and Reinforcing.
- Level 2 Deck Plumbing and Mechanical Rough-In.
- Level 2 Deck Electrical Rough-In.
- Setting the Thermal Vacuum Chamber.
- Structural Steel Stair Erection.
- Architectural Building Mock up.
- Interior and Exterior Priority Wall Framing.



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