



# Kings Pavilion Phase II

BSCI 4360-003

4/21/2023



# Our Team

## Project Managers

Cress Howard  
Carter Borden

## Scheduler

Thomas McMillan

## BIM Coordinator

Andrew Cross

## Safety Manager

Patrick Priest

## Instructor

Jonathan Tucker

## Superintendents

Max McDonald  
Hunter Yarbrough

## Preconstruction Manager

Wade Whitfield

## Client Representative

David Stearns

## Quality Control Manager

Dyar Thompson





# Holy Trinity Episcopal Church

- Holy Trinity has been faithfully serving the Auburn community since 1958, in hopes of showing the love of Jesus Christ and the hope offered

## Core Values:

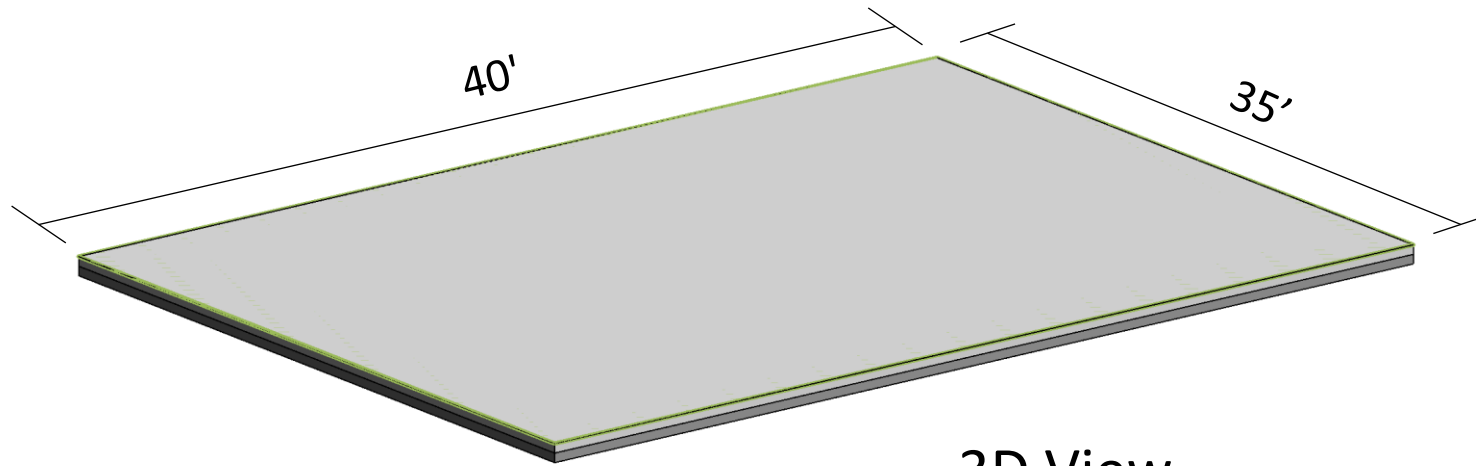
- Mercy Medical Ministry
- Redeeming Grace Ministries
- Neighborhood Food Project
- Relational Mission
- Sacrificial Giving

## Community Outreach:

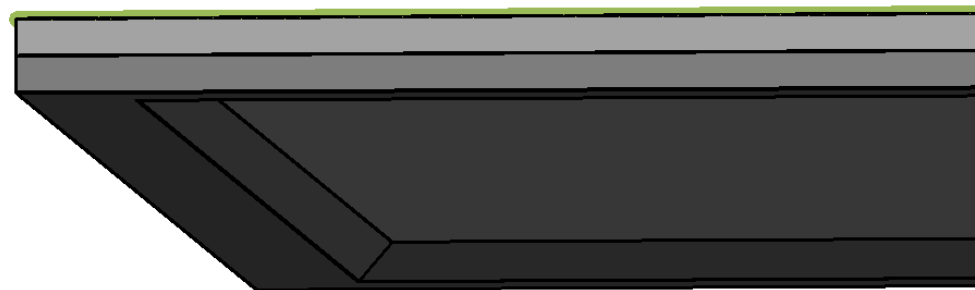
- Kings Mobile Estates
- Mercy Medical Ministry
- Redeeming Grace Ministry
- Neighborhood Food Project
- Grow More Give More

# BIM Model

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3D View



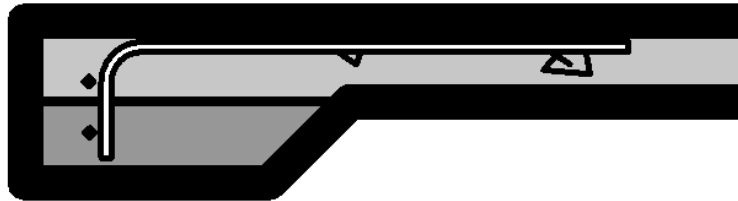


# BIM Model

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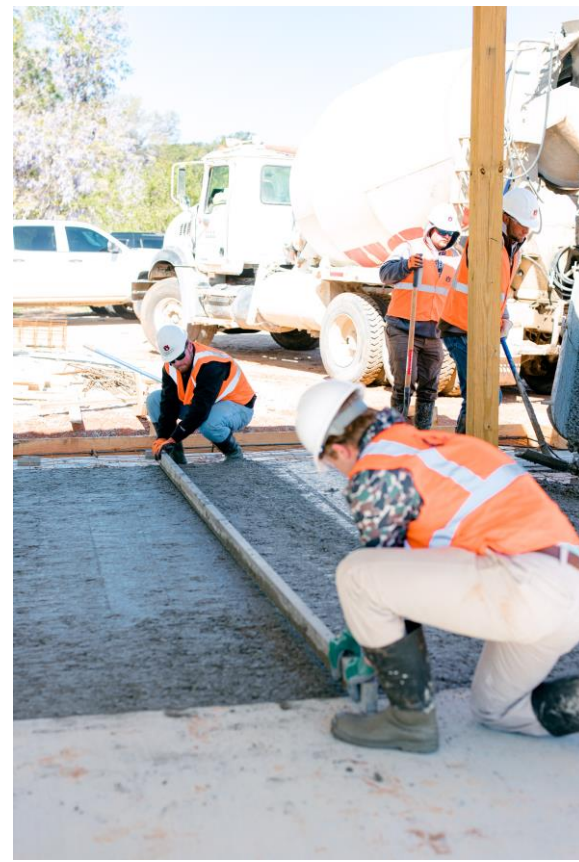
Entire slab from side view



Slab Edge With Rebar



# Project Details





# Project Details





# Existing Conditions

Layout

Excavation

Grading





# Layout





# Excavation





# Grading





# Preparing to Pour

Build Formwork



Install Vapor  
Barrier



Install  
Reinforcement





# Building Formwork





# Vapor Barrier and Reinforcement





# Pouring Concrete

Pour 1



Pour 2



Wreck Forms





# Pour One





# Pour Two





# After





# Proposed v Actual Budget

Line Item	Estimated Cost (40x30)	Estimated Cost (40x35)	Actual Cost	Savings
Concrete	\$ 2,772.85	<b>\$ 3,181.60</b>	<b>\$ 3,380.15</b>	<b><u>(\$ 198.55)</u></b>
Materials (Concrete)	\$ 3,003.58	<b>\$ 2,192.66</b>	<b>\$ 2,029.60</b>	<b><u>\$ 163.06</u></b>
Materials (Tables)	\$ 1,482.75	<b>\$ 1,482.75</b>	<b>\$ 1,225.32</b>	<b><u>\$ 257.43</u></b>
Total	\$ 7,259.18	<b>\$ 6,857.01</b>	<b>\$ 6,635.07</b>	<b>\$ 221.94</b>



# Proposed Vs Actual Schedule

<u>Proposed Date</u>	<u>Proposed Activity</u>	<u>Actual Date</u>	<u>Actual Activity</u>
<b>Week Two</b>	Presentation to Owner	<b>Week Two</b>	Presentation to Owner
<b>Week Ten</b>	Pour and Finish Concrete	<b>Week Four</b>	Finished Tables
<b>Week Eleven</b>	Finish Tables	<b>Week Nine</b>	Finished Concrete & Delivered Tables & Final cleaning
<b>Week Twelve</b>	Deliver Tables	<b>Week Twelve</b>	Food Delivery
<b>Week Thirteen</b>	Final Cleaning	<b>Week Thirteen</b>	Field Grading and Seeding



# Man Hours

HOURS	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Totals
Carter Borden	2	2	7	7.25	3	17.5	14	1	12.5	66.25
Andrew Cross	2	2	4.25	5.5	3	11	14	0	13.5	55.25
Cress Howard	2	2	5	5	3	18.5	14	0	12.5	62
Max McDonald	2	2	4.25	0	3	17.5	14	0	12.5	55.25
Thomas McMillan	2	0	2.25	5.5	3	17.5	11.5	0	12.5	54.25
Patrick Priest	2	2	1.75	4	3	17.5	8.5	0	0	38.75
David Stearns	2	0	1.75	5.5	3	17.5	3	0	14.5	47.25
Dyar Thompson	2	2	2.25	5.5	3	17.5	14	0	12.5	58.75
Wade Whitfield	2	2	6.25	5.5	3	19	14	0	12.5	64.25
Hunter Yarbrough	2	0	2.25	5.5	3	17.5	12.5	0	12.5	55.25
<b>Weekly Hours</b>	<b>20</b>	<b>14</b>	<b>37</b>	<b>49.25</b>	<b>30</b>	<b>171</b>	<b>119.5</b>	<b>1</b>	<b>115.5</b>	<b>557.25</b>
										<b>557.25</b>



# Community Outreach

- 4/15 Neighborhood Food Project
- Auburn Wellness Fairs

"I believe in country... and that I can best serve that country by "doing justly, loving mercy, and walking humbly with my God."

- The Auburn Creed





# Community Outreach

- Spread topsoil and Seeded soccer field.

“I believe in country... and that I can best serve that country by “doing justly, loving mercy, and walking humbly with my God.”

- The Auburn Creed





# Lessons Learned

- Secure Layout Points
- Ensure all materials and tools are on site
- Check weather daily
- Finalize Construction Plan





# Thank You!

## Questions?

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