



PLAN DATE: _____ March 31, 2025

PROJECT SUMMARY

THIS PROJECT INCLUDES A ONE-STORY, 7,500 SQUARE FOOT SHOWROOM ADDITION TO AN EXISTING 17,500 SQUARE FOOT ATV DEALERSHIP THAT IS LOCATED IN CROSSVILLE, TN.

CONSTRUCTION TYPE IS TYPE II-B NONSPRINKLERED UNPROTECTED NON-COMBUSTIBLE PER THE 2018 INTERNATIONAL BUILDING CODE.

INTERIORS WILL BE FINISHED OUT WITH EXPOSED PRE-ENGINEERED METAL BUILDING WALLS, AND EXPOSED CEILINGS. FLOOR FINISH TO BE SEALED CONCRETE.

ALL SPECIFICATIONS ARE INCLUDED IN THE DRAWINGS.

<u>STATE ADOPTED CODES:</u>	
BUILDING CODE:	2012 INTERNATIONAL BUILDING CODE
ACCESSIBILITY CODE:	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
GAS CODE:	2012 INTERNATIONAL FUEL CODE
ENERGY CODE:	2012 INTERNATIONAL ENERGY CONSERVATION CODE
FIRE CODE:	2012 INTERNATIONAL FIRE CODE
MECHANICAL CODE:	2012 INTERNATIONAL MECHANICAL CODE
PLUMBING CODE:	2012 INTERNATIONAL PLUMBING CODE
ELECTRICAL CODE:	2017 NFPA 70 NATIONAL ELECTRICAL CODE

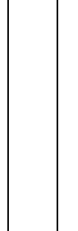
PROJECT TEAM		
PROJECT ENGINEER	KYLE ANDERSON	BOUTON ENGINEERING
STRUCTURAL	KYLE ANDERSON	BOUTON ENGINEERING
MECHANICAL	JOHN NIXSON	MONTGOMERY ENGINEERING
PLUMBING	JOHN NIXSON	MONTGOMERY ENGINEERING
ELECTRICAL	ROB MONTGOMERY	MONTGOMERY ENGINEERING

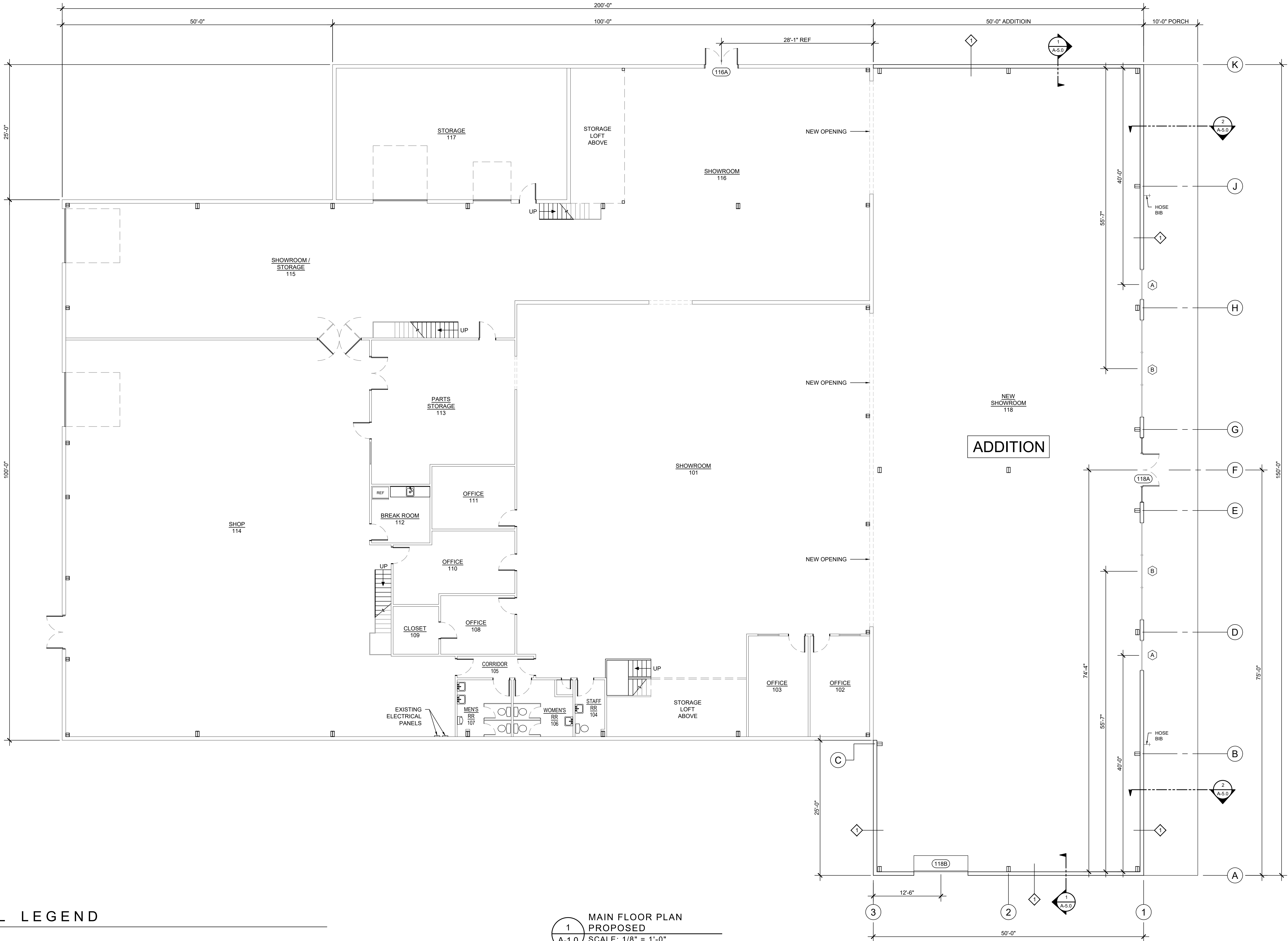
AREA INCREASE CALCS
$I_f = [F/P - 0.25] W/30$
$I_f = [700/700 - 0.25] 30\%$
$I_f = 0.75$
$A_{10} = \{ A_i + [A_i \times I_f] \}$
$A_{10} = \{ 19,000 + [19,000 \times 0.75] \}$
$A_{10} = 33,250sf$

**A New Facility Addition for
Tommy's Motorsports**
550 Crabtree Road,
Crossville, Tennessee 38571

BOUTON
ENGINEERING

Structural ▴ Civil Consulting

	REVISIONS	CV SHEET COVER SHEET SCALE: AS NOTED JOB NO. 25-37 DATE: 04-21-2025 DRAWN BY: J. DORRIS CHECKED BY: K. ANDERSON
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	2.	
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	6.	
	7.	
	8.	



WALL LEGEND

8" PEMB WALL GIRTS W/ R-13 VINYL BACKED BLANKET INSULATION
26 GA ARCH. METAL SIDING EXTERIOR

1
A-1.0
MAIN FLOOR PLAN
PROPOSED
SCALE: 1/8" = 1'-0"

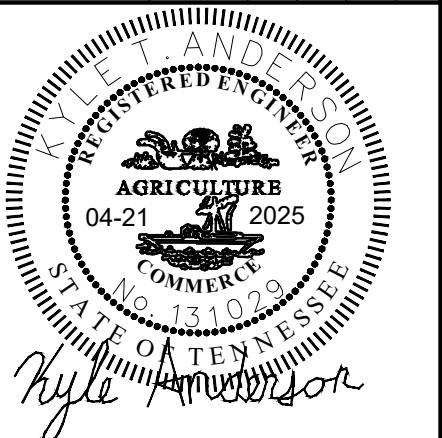
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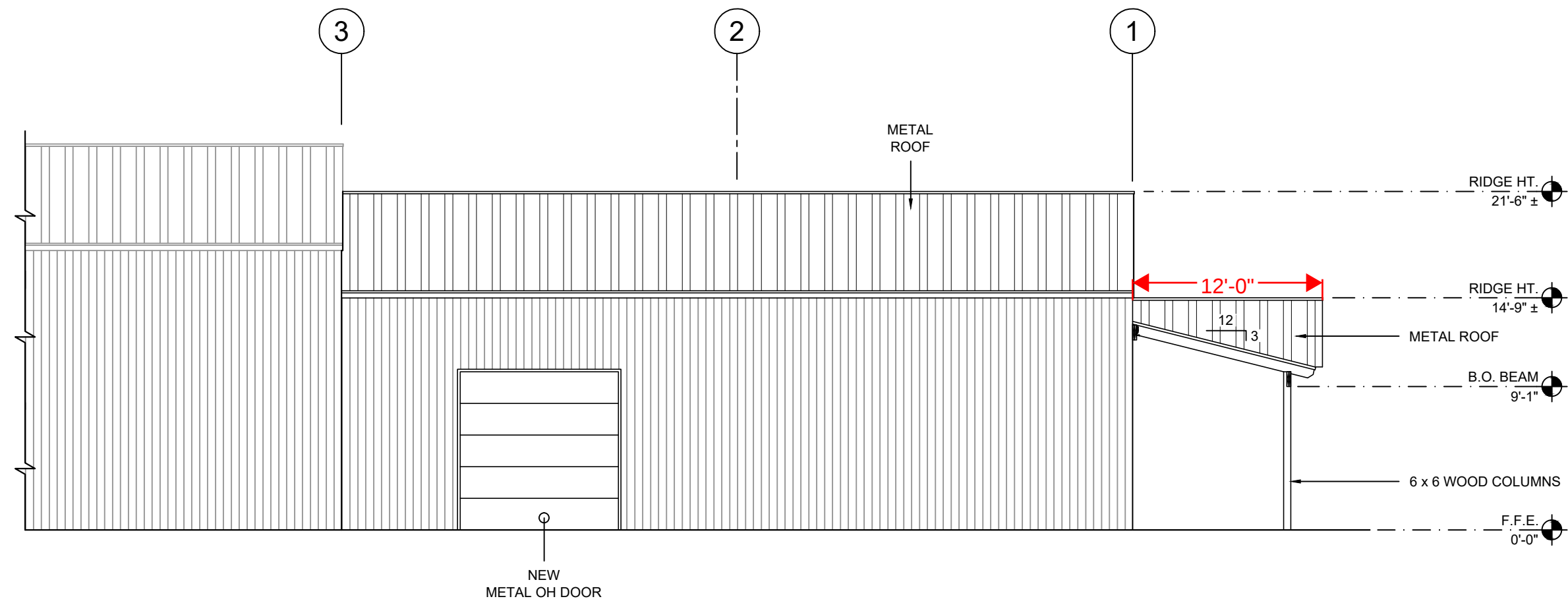
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ENGINEERING
Structural & Civil Consulting

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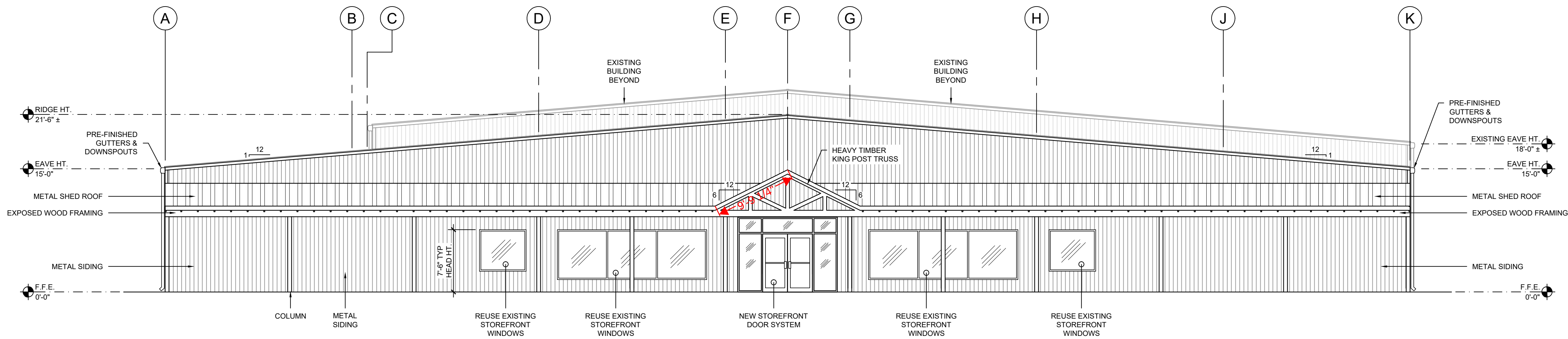
A-1.0

SHEET
MAIN FLOOR PLAN
PROPOSED
SCALE: AS NOTED
JOB NO: 25-37
DATE: 04-21-2025
DRAWN BY: J. DORRIS
CHECKED BY: K. ANDERSON

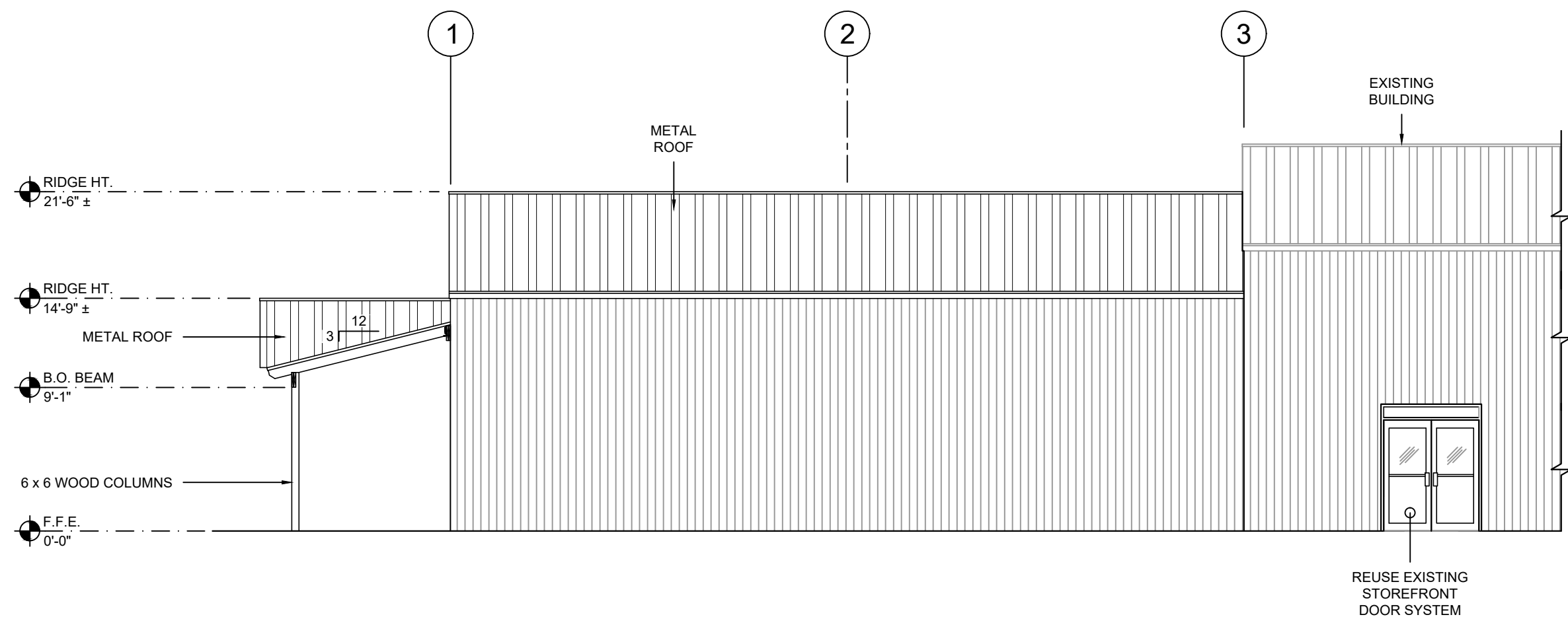




1 LEFT ELEVATION
A-4.0 SCALE: 1/8" = 1'-0"

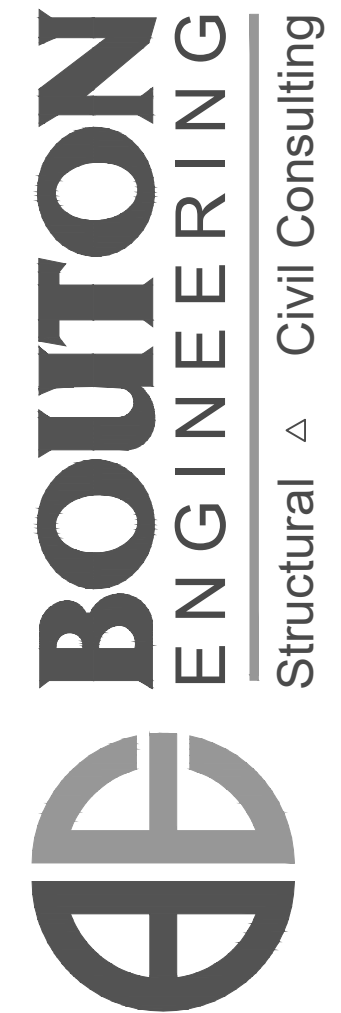


2 FRONT ELEVATION
A-4.0 SCALE: 1/8" = 1'-0"



3 RIGHT ELEVATION
A-4.0 SCALE: 1/8" = 1'-0"

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REVISIONS		A-4.0				SHEET		ELEVATIONS		SCALE: AS NOTED		JOB NO: 25-37		DATE: 04-21-2025		DRAWN BY: J. DORRIS		CHECKED BY: K. ANDERSON	
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