

SPURR
ARCHITECTURE, PLLC
415 E. 14TH ST.
HOPKINSVILLE, KY
42403
P: 270-632-1540



CONSULTANT:

SHEAR WALL NOTES

- THICKEN CONCRETE SLAB UNDER EACH SHEAR WALL. SEE DETAIL BELOW.
- ATTACH BOTTOM PLATE OF EACH SHEAR WALL TO CONCRETE SLAB USING 1/2" X 6" TIE HD SCREW ANCHORS (OR APPROVED EQUAL) AT 36" C/C.
- CONNECT TOP OF WALLS TO BOTTOM OF TRUSSES WITH 2X BLOCKING AT 24" C/C.
- PROVIDE TRUSS ON EACH SIDE OF WALL - TRUSSES SHALL BE DESIGNED FOR AXIAL LOAD OF 3 KIPS EACH.
- SHEATH SHEAR WALL WITH 1/2" PLYWOOD - ATTACH TO STUDS WITH 8d NAILS AT 6" C/C AROUND PERIMETER. 12" C/C IN FIELD.

- CONNECTOR ROOF NOTES:**
- NO OPENINGS IN ROOF WITHIN 4 FEET OF FIRE WALL.
 - CLASS B ROOF COVERING, MIN.
 - ROOF SHEATHING TO BE CONSTRUCTED OF FIRE RETARDANT TREATED WOOD FOR MINIMUM A DISTANCE OF 4 FEET ON BOTH SIDES OF FIRE WALL.

WALL NOTES

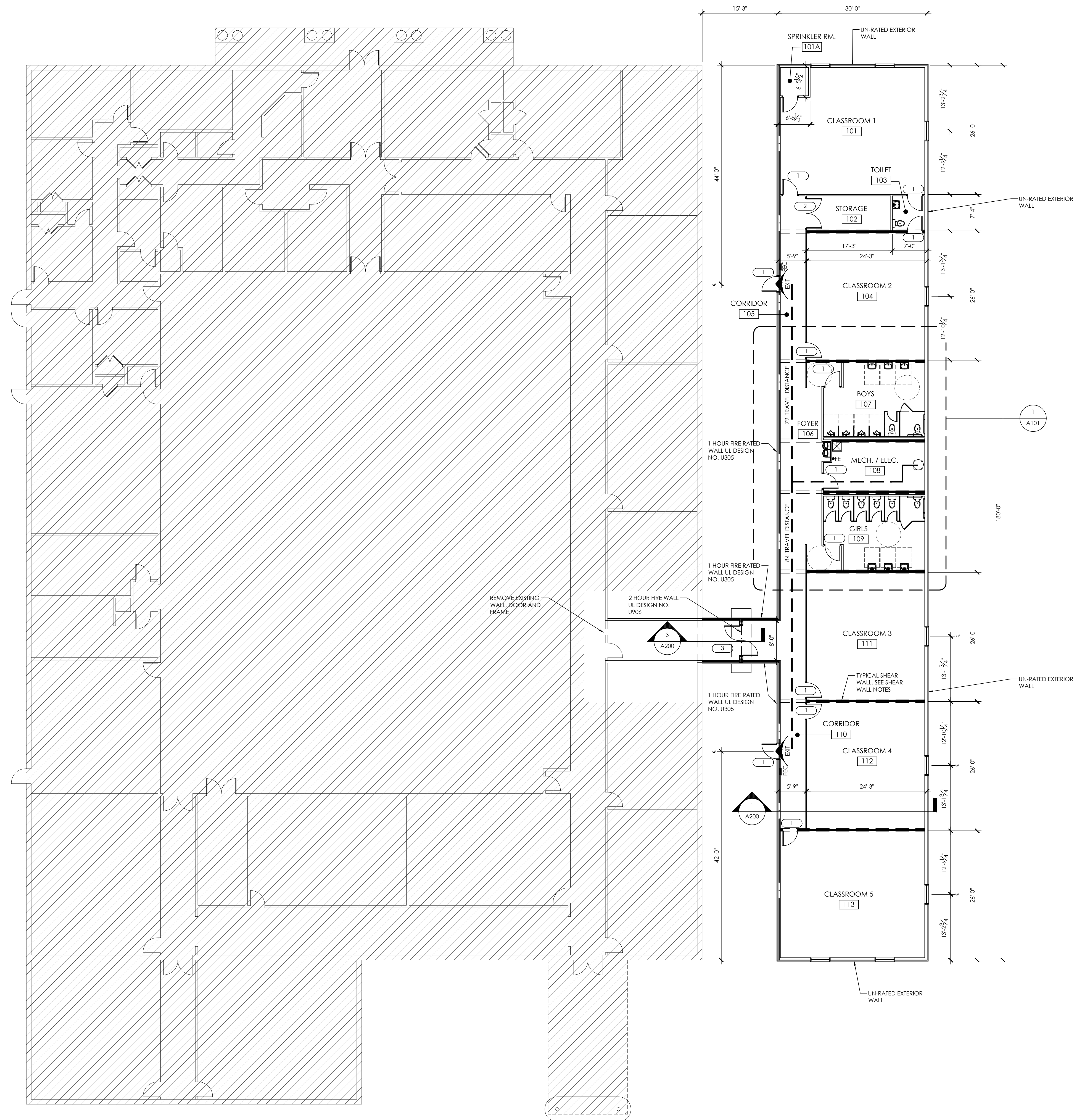
- UN-RATED EXTERIOR WALL:**
EXTERIOR: PREFINISHED METAL SIDING PANELS OVER 2X4 HORIZ. RUNNERS AT 24" C/C WITH 1/2" RIGID INSULATION, 3/8" OSB SHEATHING STUDS: 2X4 WOOD STUDS AT 16" C/C WITH R-19 FIBERGLASS BATT INSULATION.
INTERIOR: 1/2" GYPSUM BOARD
- 2 HOUR FIRE WALL
UL DESIGN NO. U906**
8" C.M.U. WALL WITH HORIZONTAL JOINT REINFORCING AT 16" C/C AND #4 VERTICAL REINFORCING AT 16" C/C. WALL TO EXTEND TO INSIDE FACE OF WALL SHEATHING AND UNDERSIDE OF ROOF SHEATHING.
- 1 HOUR FIRE RATED WALL
UL DESIGN NO. U905**
EXTERIOR: PREFINISHED METAL SIDING PANELS OVER 2X4 HORIZ. RUNNERS AT 24" C/C WITH 1/2" RIGID INSULATION, 3/8" DENGLASS SHEATHING STUDS: 2X4 WOOD STUDS AT 16" C/C WITH R-19 FIBERGLASS BATT INSULATION.
INTERIOR: 1/2" TYPE X GYPSUM BOARD

BUILDING CODE DATA

CODE:	2018 KENTUCKY BUILDING CODE
USE GROUP:	E EDUCATION (305)
CONSTRUCTION TYPE:	V8 (TABLE 601)
FIRE PROTECTION:	100% SPRINKLED
FIRE SEPARATION DISTANCE:	20'
ALLOWABLE HEIGHT:	60 FT. (TABLE 504.3)
ACTUAL HEIGHT:	14 FT.
FIRE AREA 1:	EXISTING BUILDING - 27,380 SQ. FT.
FIRE AREA 2:	NEW BUILDING - 5,400 SQ. FT.
ALLOWABLE AREA:	38,000 SQ. FT. (TABLE 506.2)
ACTUAL AREA:	5,400 SQ. FT.
CALCULATED OCCUPANT LOAD:	CLASSROOM - 20 (NET) (TABLE 1004.1.2) CLASSROOM 1 38 CLASSROOM 2 31 CLASSROOM 3 31 CLASSROOM 4 31 CLASSROOM 5 38 TOTAL 169
TRAVEL DISTANCE:	250' (TABLE 1017.2)

LIFE SAFETY LEGEND

- EXIT DISCHARGE
- EXIT ACCESS WITH TRAVEL DISTANCE
- FIRE EXTINGUISHER AND CABINET
- WALL OR COLUMN MOUNTED FIRE EXTINGUISHER
- REMOTE LOCATION



OVERALL FLOOR PLAN
SCALE: 3/32" = 1'-0"

A CLASSROOM ADDITION FOR
GLENDALE CHURCH AT CAVEMILL
BOWLING GREEN, KENTUCKY

PROJECT # 2022-010

REV DATE

Project # DATE

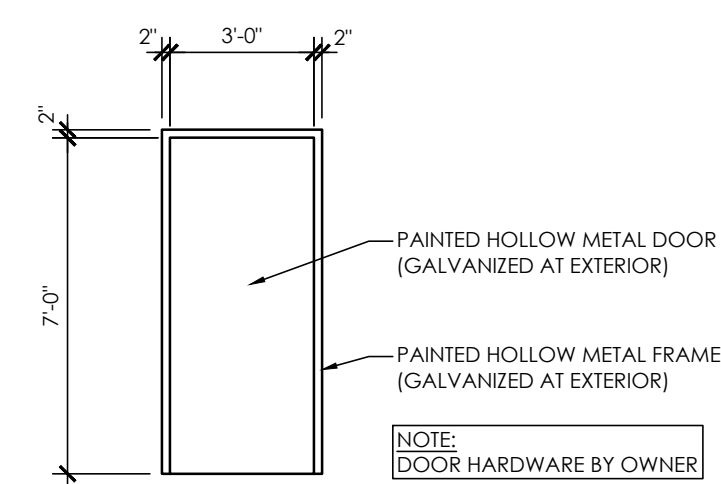
2022-010 04/20/22

SHEET TITLE:

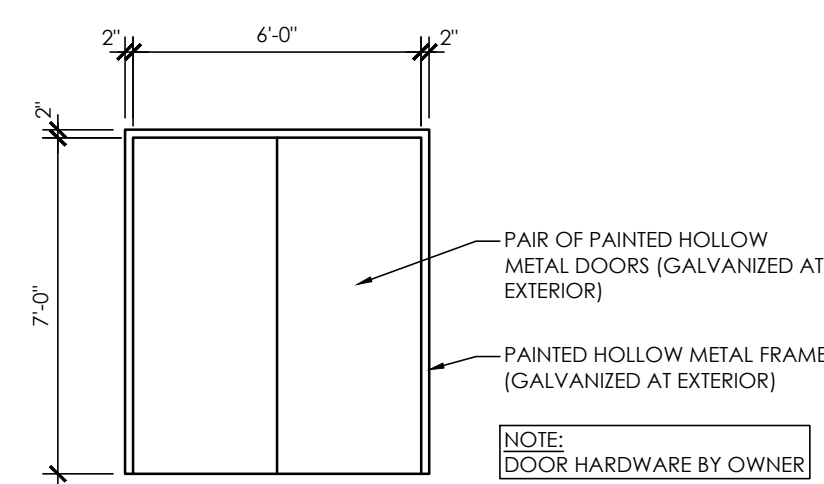
OVERALL FLOOR PLAN

SHEET

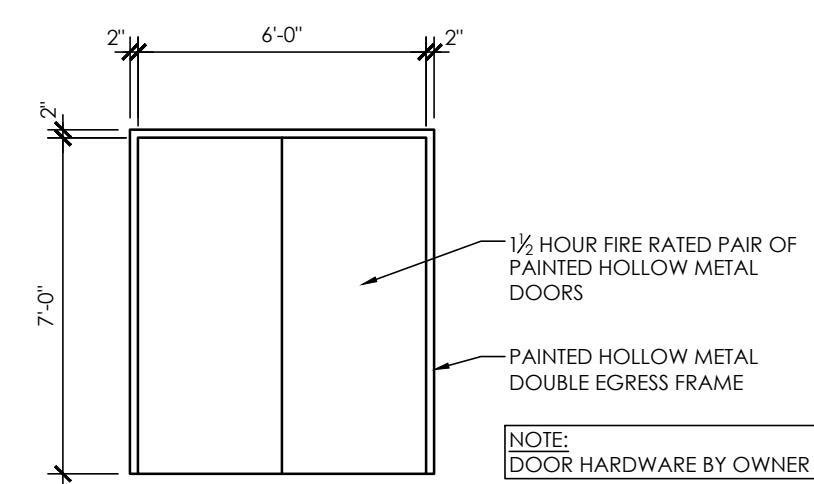
A100



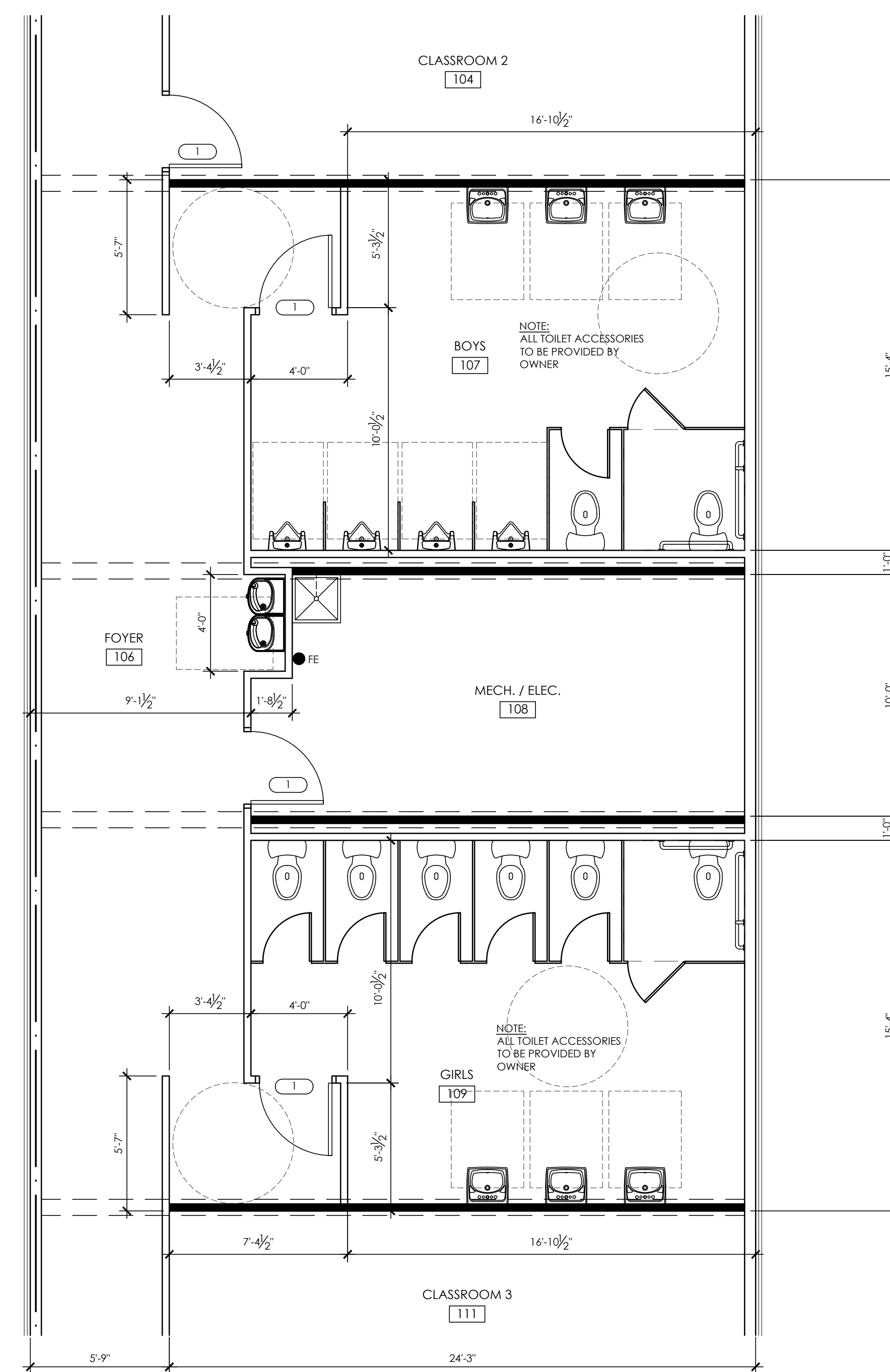
1 DOOR & FRAME
SCALE: 1/4" = 1'-0"



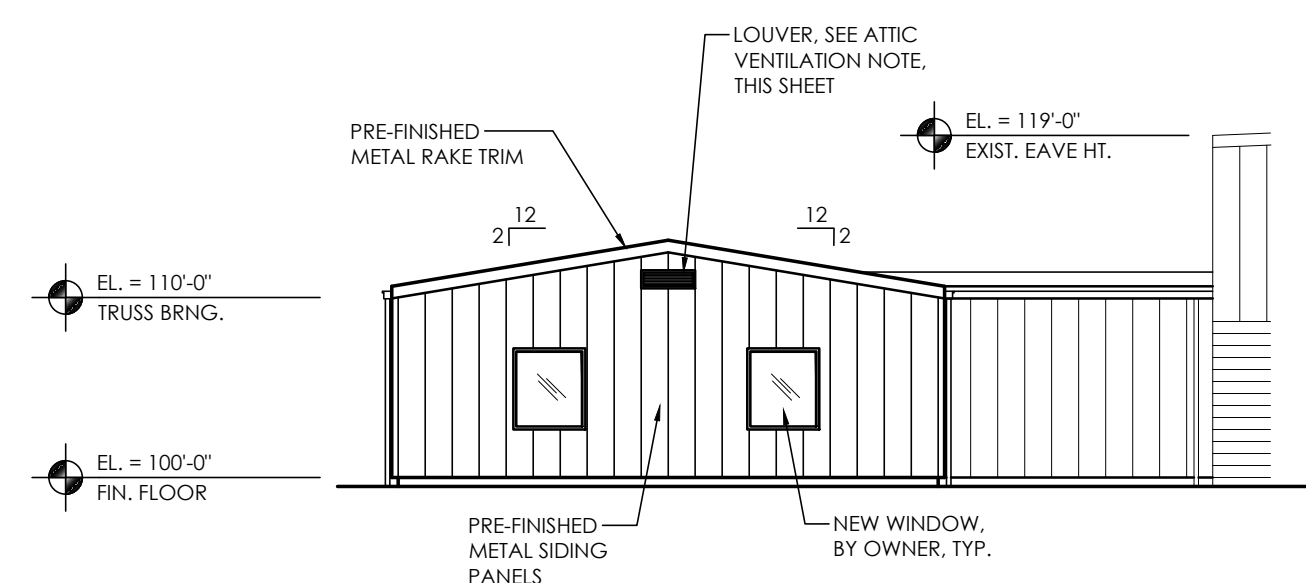
2 DOOR & FRAME
SCALE: 1/4" = 1'-0"



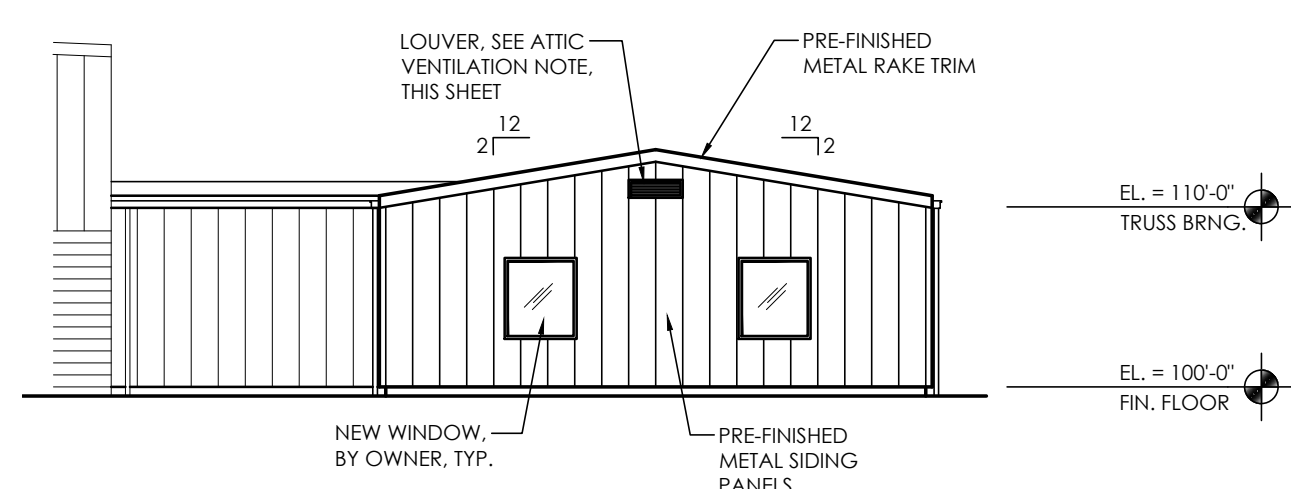
3 DOOR & FRAME
SCALE: 1/4" = 1'-0"



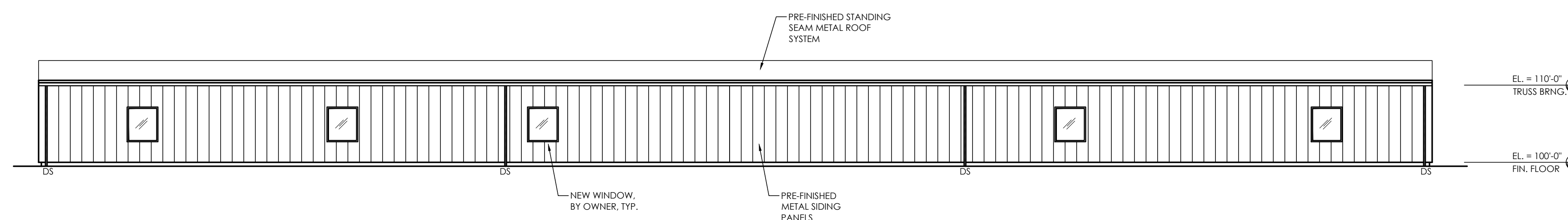
1 A101 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



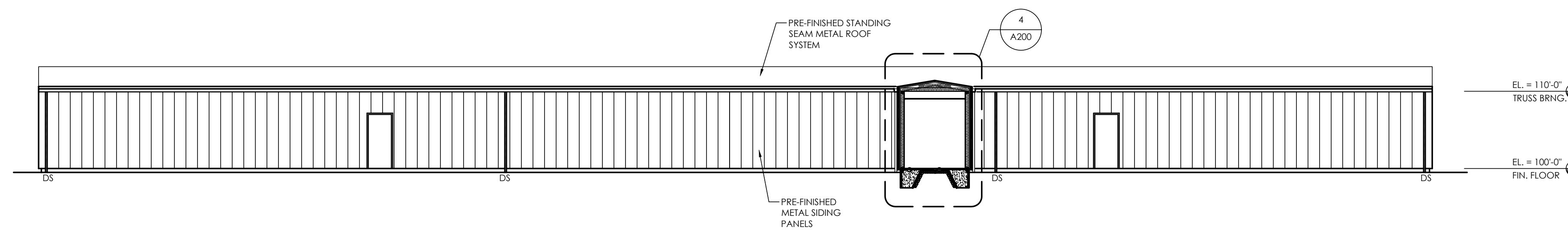
NORTH ELEVATION
SCALE: 3/32" = 1'-0"



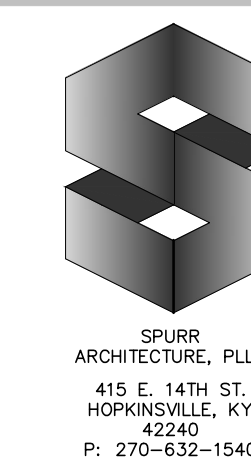
SOUTH ELEVATION
SCALE: 3/32" = 1'-0"



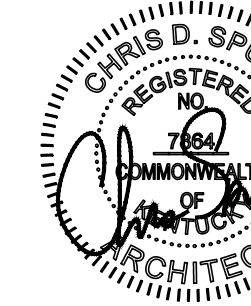
EAST ELEVATION
SCALE: 3/32" = 1'-0"



WEST ELEVATION
SCALE: 3/32" = 1'-0"



SPURR
ARCHITECTURE, PLLC
415 E. 14TH ST.
HOPKINSVILLE, KY
42403
P: 270-632-1540



CONSULTANT:

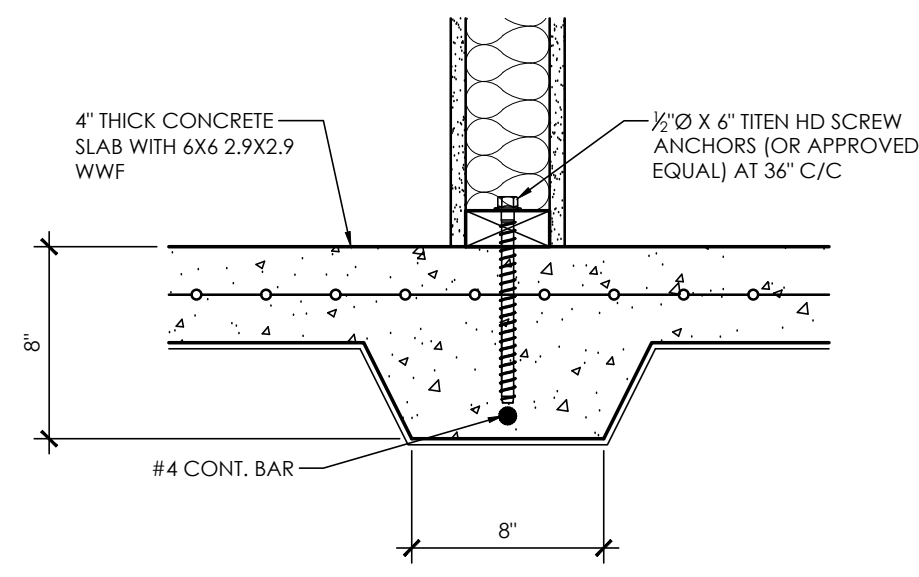
A CLASSROOM ADDITION FOR
GLENDALE CHURCH AT CAVEMILL
BOWLING GREEN, KENTUCKY

THIS DOCUMENT IS THE PROPERTY OF SPURR ARCHITECTURE, PLLC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR MODIFICATION OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV	DATE

Project # _____ DATE _____
2022-010 04/29/22

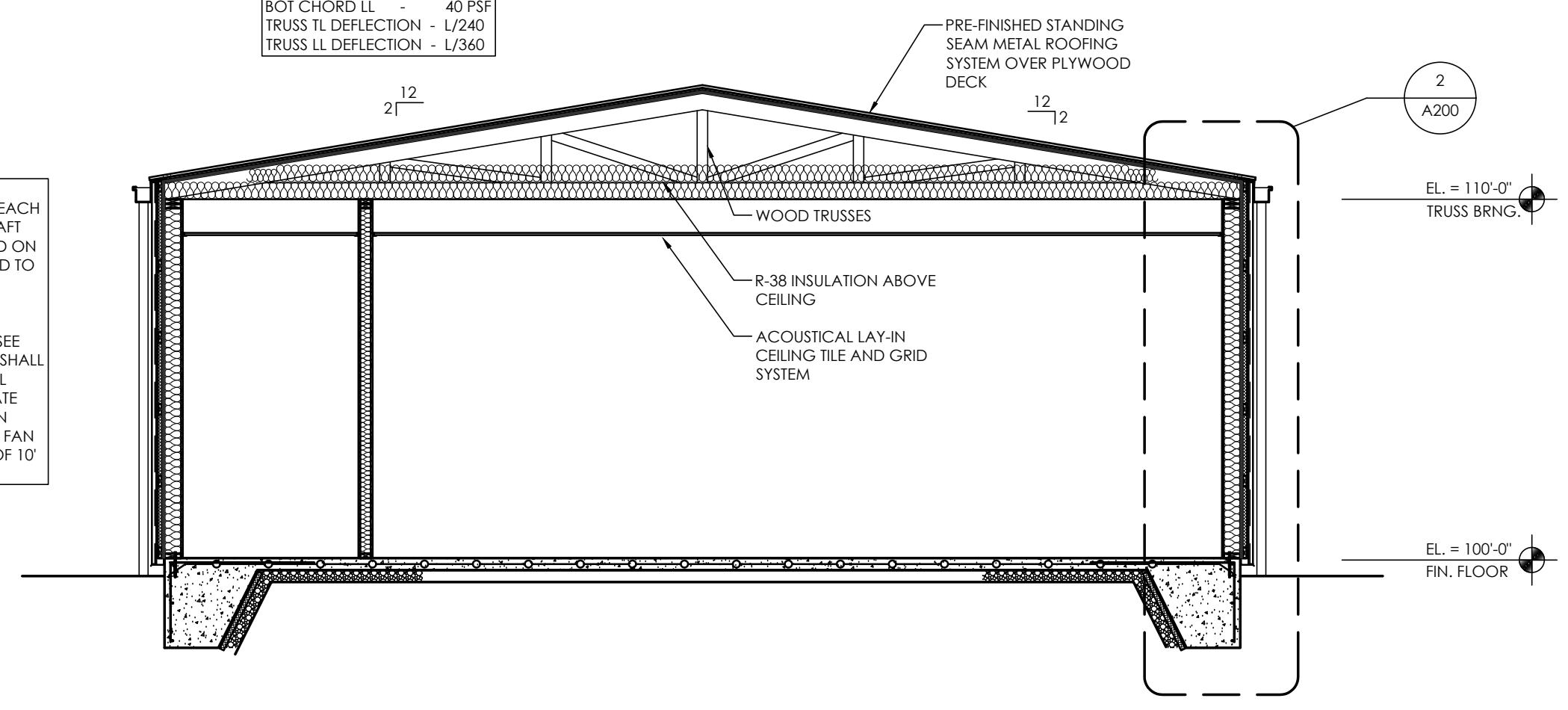
SHEET TITLE:
ENLARGED TOILET PLAN
SHEET
A101



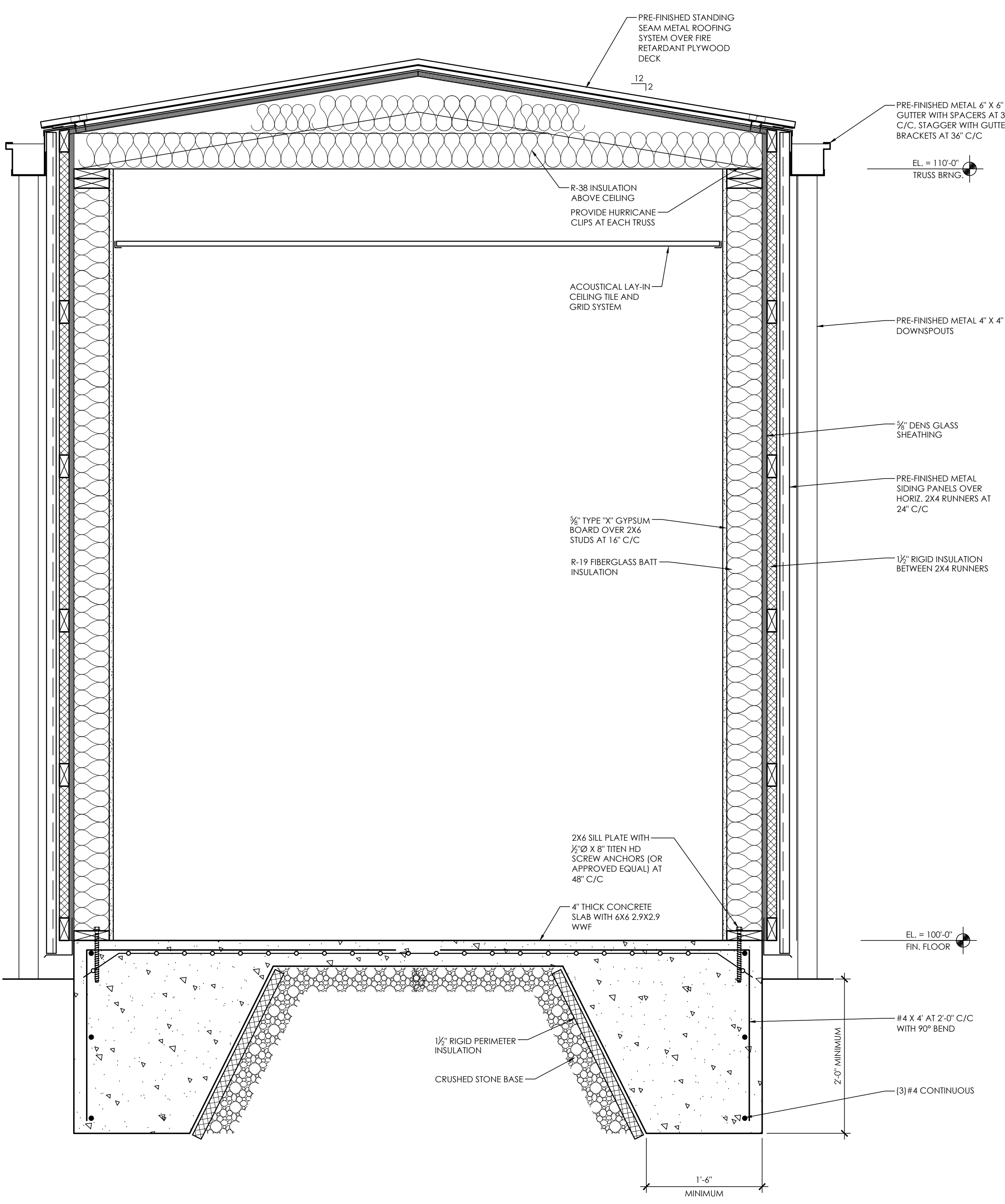
5 THICKENED SLAB DTL.
SCALE: 1 1/2\"/>

ROOF TRUSS DESIGN CRITERIA	
TOP CHORD DL	15 PSF
TOP CHORD RL	20 PSF
BOT CHORD DL	20 PSF
BOT CHORD RL	40 PSF
TRUSS TL DEFLECTION	L/240
TRUSS LL DEFLECTION	L/960

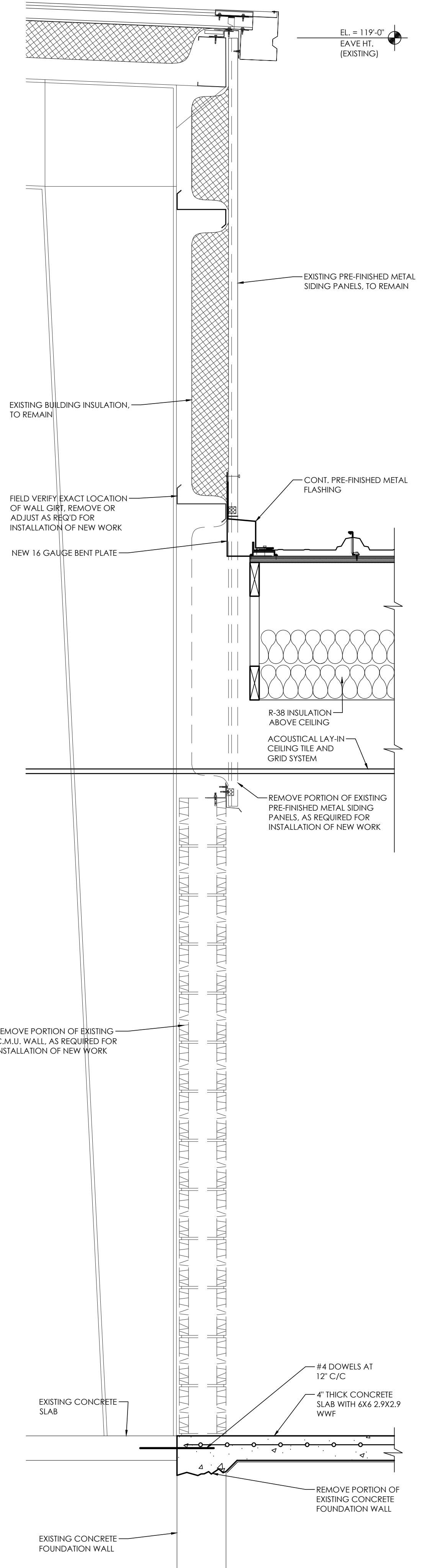
ATTIC VENTILATION NOTE
 INSTALL (2) 36\"/>



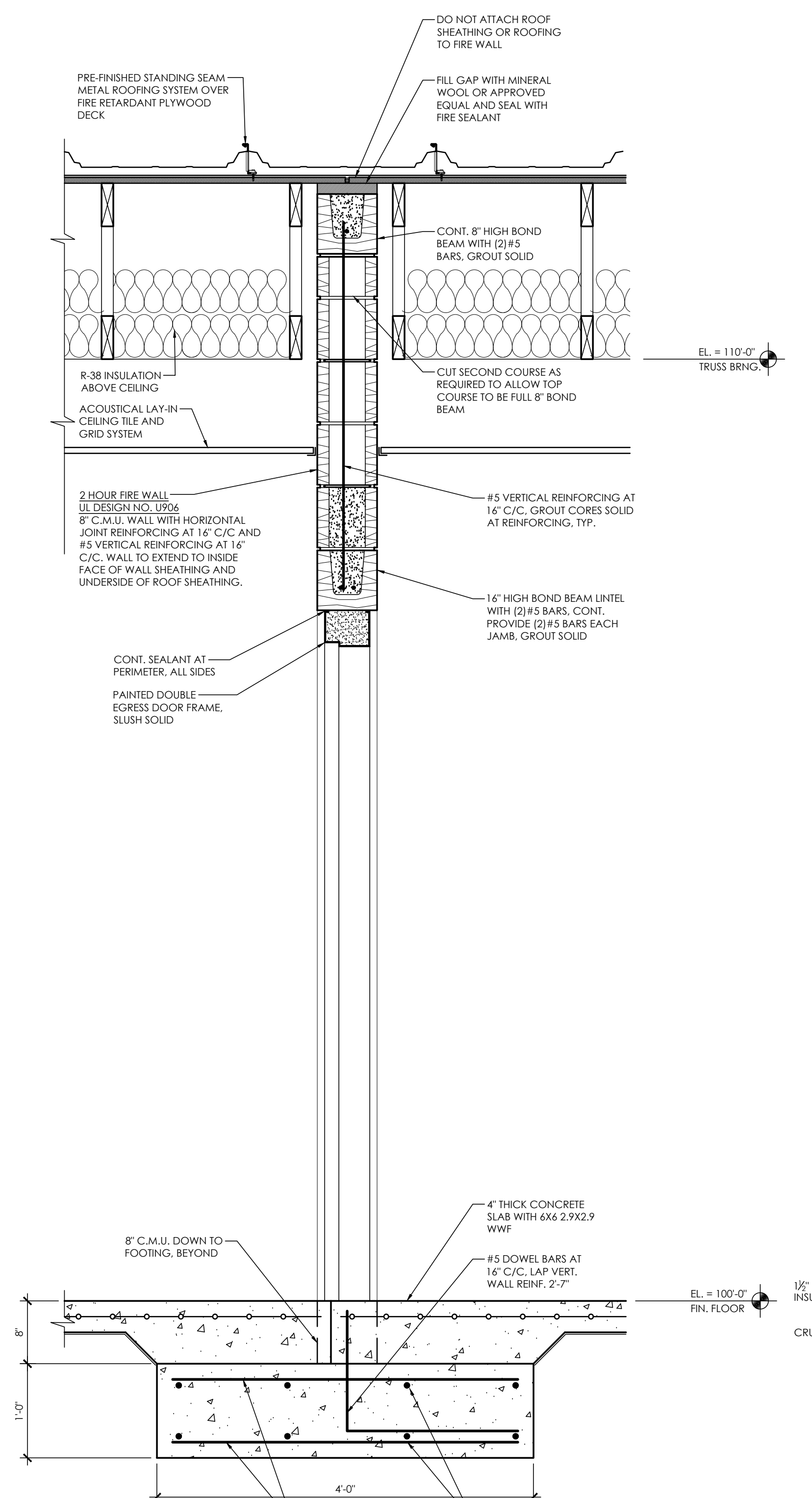
1 BUILDING SECTION
SCALE: 1/4\"/>



4 WALL SECTION
SCALE: 1\"/>



3 WALL SECTION
SCALE: 1\"/>



2 WALL SECTION
SCALE: 1\"/>



CONSULTANT:

A CLASSROOM ADDITION FOR
GLENDALE CHURCH AT CAVEMILL
 BOWLING GREEN, KENTUCKY

REV	DATE

Project # _____ DATE _____
 2022-010 04/29/22

SHEET TITLE:
WALL SECTIONS
 SHEET
A200