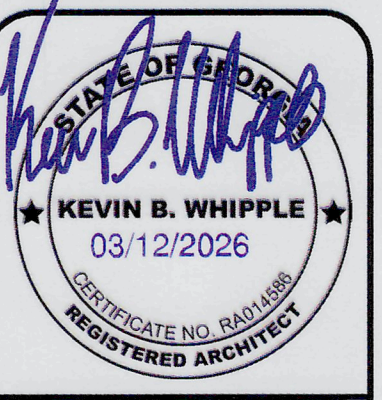


# EARLY HOPE BAPTIST ACTIVITY CENTER

1129 ROCKY PLAINS RD  
COVINGTON, GA 30016  
NEWTON COUNTY, GEORGIA



NO.	DATE	ISSUE	REVISION	ISSUED FOR CONSTRUCTION
1	03/09/2026	ISSUE	REVISION 1: OWNER REQUESTED MODIFICATION	ISSUED FOR CONSTRUCTION 12.09.2025 OWNER REQUESTED MODIFICATION 03.09.2026

EARLY HOPE BAPTIST ACTIVITY CENTER  
 PROJECT NUMBER: 25-033  
 1129 ROCKY PLAINS RD  
 COVINGTON, GA 30016

## PROJECT DIRECTORY

### OWNER

**EARLY HOPE BAPTIST CHURCH, INC.**

1129 ROCKY PLAINS RD  
COVINGTON, GA 30016

CONTACT:  
PASTOR KENNETH L. WILLIAMS  
(770) 786-8318

### CONTRACTOR

**SUNBELT BUILDERS**

10641 HIGHWAY 36  
COVINGTON, GA 30014

CONTACT:  
BO CHILDERS  
770.786.3031  
BCHILDERS@SUNBELTBUILDERS.COM

### ARCHITECT

**CSC DESIGN, INC**

135 P. RICKMAN INDUSTRIAL DR., SUITE 100  
CANTON, GA 30115

CONTACT:  
KEVIN WHIPPLE, RA  
770-345-2579  
KWHIPPLE@CSCDE.COM

### STRUCTURAL ENGINEER

**KEYSTONE STRUCTURAL ENGINEERING**

531 ROSELANE STREET, SUITE 150  
MARIETTA, GA 30060

CONTACT:  
BRENDAN CROWLEY, P.E.  
404-483-30060  
BCROWLEY@KEYSTONEPC.COM

### MECHANICAL ENGINEER

**TOTAL ENGINEERS**

169 NEW ST  
MACON, GA 31201

CONTACT:  
KRUNAL PATEL, P.E.  
478-741-4632  
KRUNALPATEL@TOTALENGINEERS.COM

### ELECTRICAL ENGINEER

**ELECTRICAL DESIGN CONSULTANTS**

1201 BROAD STREET, SUITE 1A  
AUGUSTA, GEORGIA 30901

CONTACT:  
JEFF MCGEE  
(706) 724-3551  
JMCREE@EDC1973.COM

## BUILDING CODE ANALYSIS

### A. GENERAL

1. **GOVERNING CODES**  
2018 INTERNATIONAL BUILDING CODE (IBC) W/ GA AMENDMENTS (2020)(2022)(2024)(2025)  
2018 INTERNATIONAL PLUMBING CODE (IPC) W/ GA AMENDMENTS (2020)(2022)(2023)(2024)  
2018 INTERNATIONAL MECHANICAL CODE (IMC) W/ GA AMENDMENTS (2020)(2024)  
2018 INTERNATIONAL FUEL GAS CODE (IFGC) W/ GA AMENDMENTS (2020)(2024)  
2023 NATIONAL ELECTRICAL CODE (NEC)  
2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) W/ GA SUPPLEMENTS AND AMENDMENTS (2020)(2022)(2023)

**ACCESSIBILITY**  
GEORGIA STATE HANDICAPPED ACCESSIBILITY LAW 120-3-20 (EFFECTIVE JANUARY 1, 2015)  
2010 EDITION OF THE AMERICANS WITH DISABILITIES ACT (ADA)  
2017 ANSI A-117.1 ACCESSIBLE & USABLE BUILDINGS & FACILITIES

**LIFE SAFETY**  
2024 NFPA 101, LIFE SAFETY CODE (LSC) W/ GA AMENDMENTS  
2018 INTERNATIONAL FIRE CODE (IFC)  
CHAPTER 120-3-3 RULES & REGULATIONS OF THE STATE MIN. & FIRE SAFETY STANDARDS (EFFECTIVE JANUARY 1, 2020)

### B. OCCUPANCY CLASSIFICATION

GROUP	2018 NFPA 101	IBC CHAPTER 3
A-3	ASSEMBLY	GYMNASIUM (W/O SPECTATOR SEATING)

### C. TYPE OF CONSTRUCTION (IBC CHAPTER 6)

GROUP	TYPE	SPRINKLERED
A-3	II-B	YES

### D. HEIGHT AND AREA LIMITS (IBC TABLE 504.3, 504.4, 506.2 & 406.5.4)

GROUP	SPRINKLERED	MAX HEIGHT*	MAX STORIES*	MAX AREA/LEVEL**
A-3	YES	75'-0"	3	38,000 SF

\* PER IBC TABLE 504.3 & 504.4  
\*\* PER IBC TABLE 506.2

### ACTUAL BUILDING HEIGHT AND AREA:

GROUP	SPRINKLERED	HEIGHT	STORIES	AREA/LEVEL
A-3	YES	27'-0"	1	6,500 SF

### E. FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (IBC TABLE 601)

BUILDING ELEMENT	TYPE II-B
PRIMARY STRUCTURAL FRAME	0
EXTERIOR BEARING WALLS	0
INTERIOR BEARING WALLS	0
EXTERIOR NONBEARING WALLS AND PARTITIONS	SEE F
INTERIOR NONBEARING WALLS AND PARTITIONS	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0

### PROVIDED BUILDING FIRE-RESISTANCE ASSEMBLIES:

BUILDING ELEMENT	TYPE II-B
PRIMARY STRUCTURAL FRAME	0
EXTERIOR BEARING WALLS	0
INTERIOR BEARING WALLS	0
EXTERIOR NONBEARING WALLS AND PARTITIONS	SEE F
INTERIOR NONBEARING WALLS AND PARTITIONS	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0

### F. FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (IBC TABLE 602)

FIRE SEPARATION	TYPE OF CONSTRUCTION	OCCUPANCY GROUP			
		H	F-1, M, S-1	A, B, E, F-2, I, R, S-2, U	
X < 5	ALL	3	2	1	
5 ≤ X < 10	IA, IV-A	3	2	1	
	OTHERS	2	1	1	
10 ≤ X < 30	IA, IB, IV-A, IV-B	2	1	1*	
	II-B, V-B	1	0	0	
	OTHERS	1	1	1*	
X ≥ 30	ALL	0	0	0	

\* OPEN PARKING GARAGES COMPLYING WITH SECTION 405 SHALL NOT BE REQUIRED TO HAVE A FIRE-RESISTANCE RATING

## BUILDING INFORMATION

### SITE ADDRESS:

1129 ROCKY PLAINS RD  
COVINGTON, GA 30016

### PARCEL NUMBER:

004900000024000

### JURISDICTION:

NEWTON COUNTY, GEORGIA

### PROJECT DESCRIPTION:

CONSTRUCTION OF GOLD DARK SHELL FUTURE ACTIVITY CENTER FOR EARLY HOPE BAPTIST CHURCH. SCOPE OF WORK TO INCLUDE: NEW FOUNDATION, ERECTION OF PRE-ENGINEERED METAL BUILDING AND LIMITED MECHANICAL, ELECTRICAL, / PLUMBING WORK. INTERIOR TENANT FINISH AND BUILD-OUT TO OCCUR AT A LATER DATE UNDER A SEPARATE PERMIT. A PROPOSED FUTURE INTERIOR BUILD-OUT LAYOUT HAS BEEN PROVIDED TO VERIFY EGRESS CAPACITIES.

### CLASSIFICATIONS:

ASSEMBLY A-3

### CONSTRUCTION TYPES:

II-B

### SPRINKLERED:

NFPA 13 (NOT FULLY INSTALLED / OPERATIONAL UNTIL FINAL BUILD-OUT UNDER SEPARATE PERMIT)

### FIRE ALARM:

YES (NOT FULLY INSTALLED / OPERATIONAL UNTIL FINAL BUILD-OUT UNDER SEPARATE PERMIT)

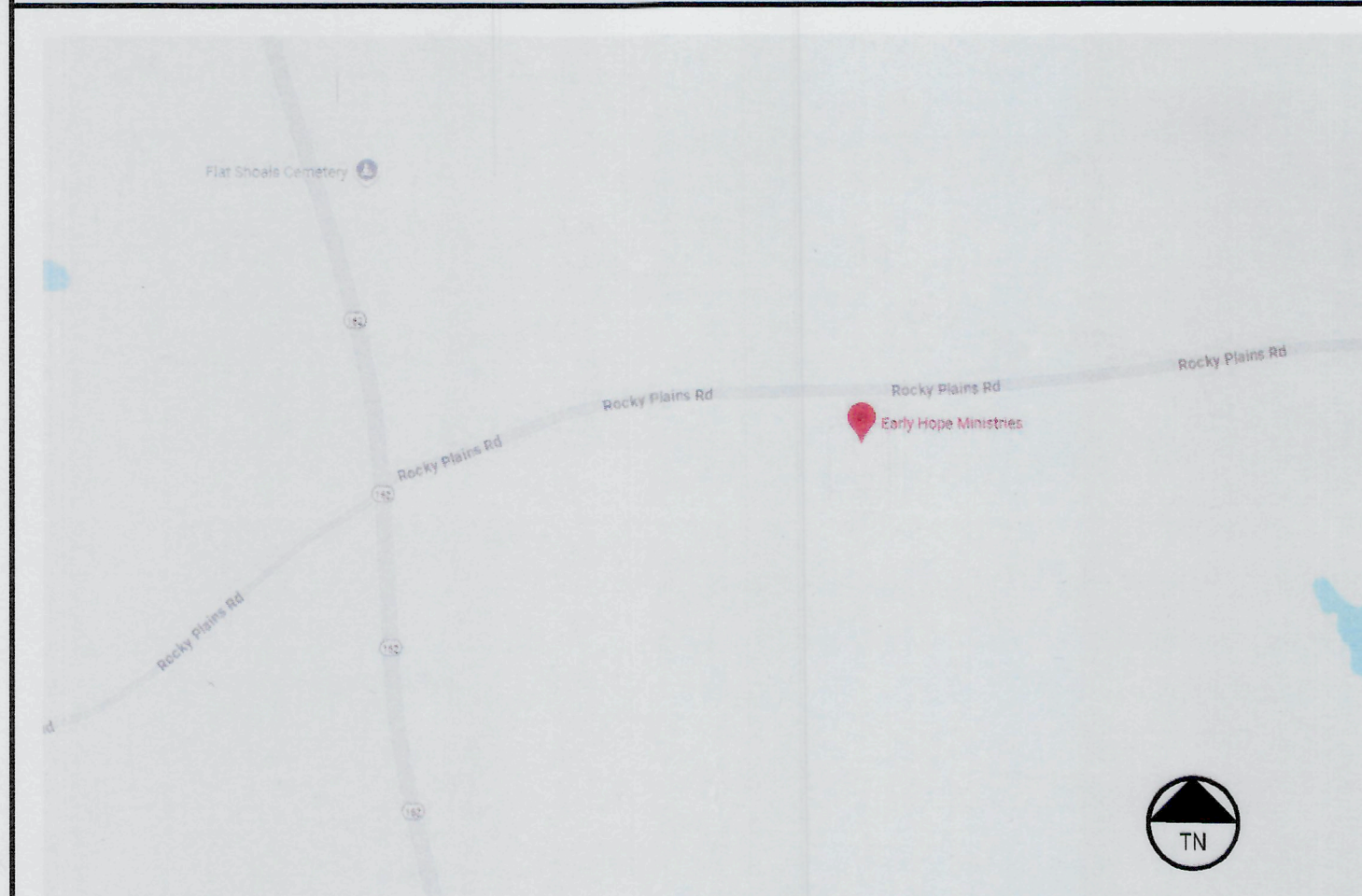
### NO. OF STORIES:

1

### HIGH-RISE:

NO

## VICINITY LOCATION



**ALPHA BLDG SET 06-17-2026**

THIS DOCUMENT HAS BEEN REVIEWED  
BY THE NEWTON COUNTY DEPARTMENT  
OF PLANNING & DEVELOPMENT AND  
MEETS ALL REQUIREMENTS OF ZONING  
NEWTON COUNTY OFFICIAL DATE: 6/16/26

PERMIT LAND DISTURBING ACTIVITIES  
WITHIN A WETLAND AREA. IT IS THE  
RESPONSIBILITY OF THE PROPERTY  
OWNER / PERMIT APPLICANT TO CONTACT  
APPROPRIATE REGULATORY AGENCY FOR  
APPROPRIATE REGULATORY AGENCY FOR  
APPROPRIATE REGULATORY AGENCY FOR

**APPROVED**  
BY: [Signature] DATE: 6/16/26

Preliminary Plan  Final Plan  Site Development  Building  
 No Exceptions Taken  
 The review of these plans is for general compliance with Newton County, GA regulations & requirements. Minor corrections or comments shall not be construed as relieving the applicant/designer/owner or contractor from compliance with said regulations & requirements.  
 PERMIT: Early Hope Baptist - Gym  
 DATE: 6/17/2026  
 BY: J. Hutchings, A. Russell

COVER SHEET

G-000

ISSUED FOR CONSTRUCTION

Y:\Projects\25-033 Early Hope Gymnasium Shell\_Covington, GA\00 REV\12-03-03 Early Hope Gymnasium Shell.dwg  
 CSC 2024.01.037  
 11/12/2026 11:57:41 AM  
 CONSULTANTS NOT IN CSC DESIGN'S SCOPE OF SERVICES. DRAWINGS ARE NOT BY ARCHITECT AND ARE INCLUDED HEREIN FOR CONVENIENCE ONLY.



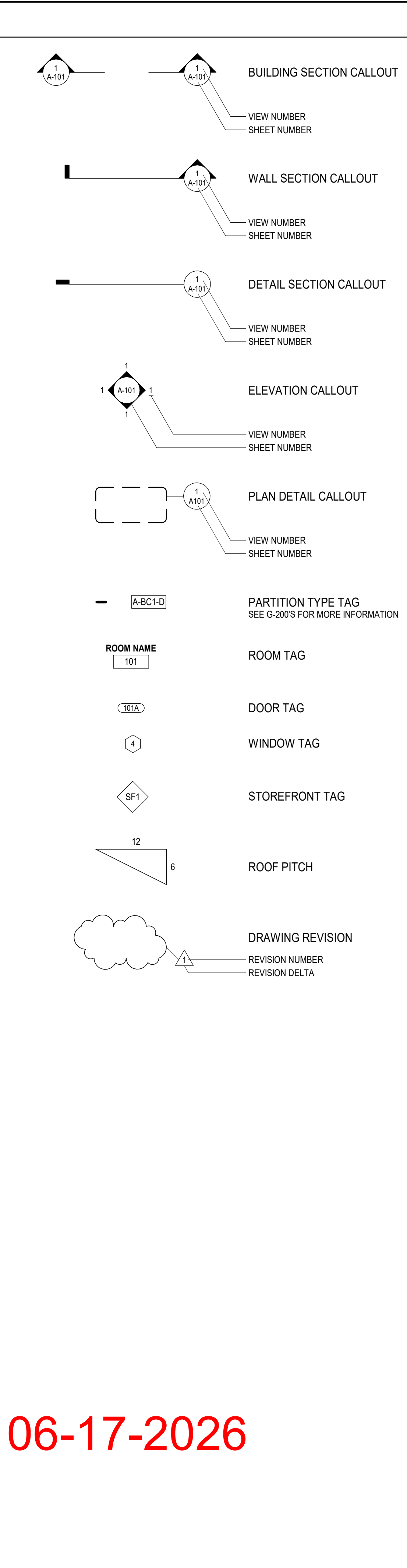
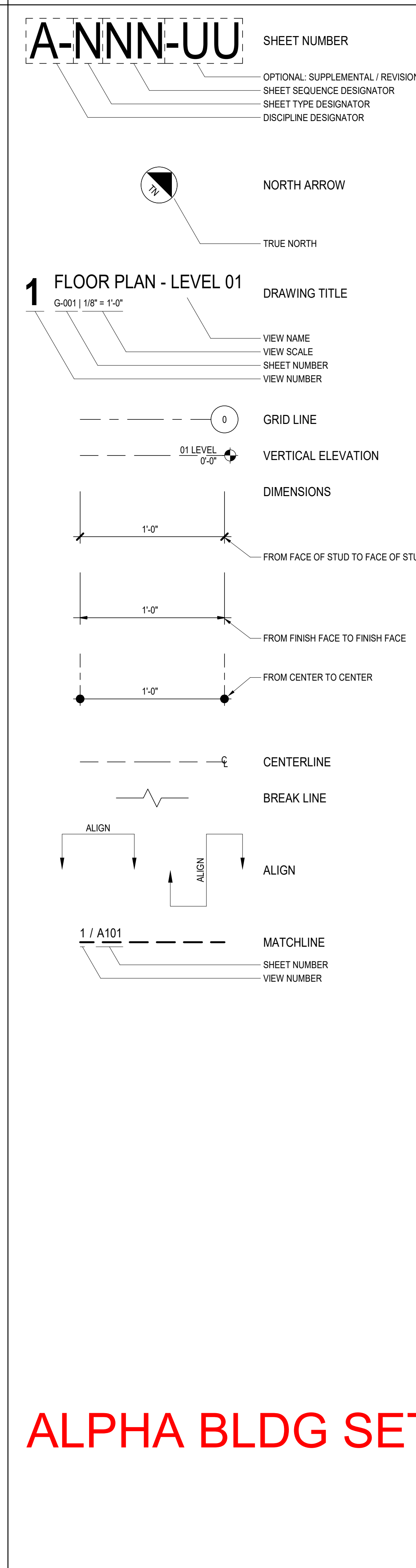
### ABBREVIATION LEGEND

SYMBOL	PERCENT SECTION	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	
%	PERCENT	E	EAST	L	ANGLE, LENGTH, LOW	R	MEASURE OF THERMAL RESISTANCE; RADIUS; RISER	U	HEAT TRANSFER COEFFICIENT UNDERCUT
\$	SECTION	EA	EACH	LAB	LABORATORY	UC	UNDERCUT	UH	UNIT HEATER
A	AIR CONDITIONER	EF	EACH FACE; EXHAUST FAN	LAM	LAMINATE	UL	UNDERWRITERS LABORATORIES INC.	UNEXCAV	UNEXCAVATED
A/E	ARCHITECT / ENGINEER	EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	LAV	LAVATORY	UNO	UNLESS NOTED OTHERWISE	UPS	UNINTERRUPTIBLE POWER SUPPLY
A/V	AUDIO VISUAL	EJ	EXPANSION JOINT	LB	POUND	UR	URNAL	USF	USABLE SQUARE FOOTAGE
AB	ANCHOR BOLT	EL	ELEVATION	LBS	POUNDS	USG	UNITED STATES GYPSUM CORPORATION	UTL	UTILITY
ACC	ACCESSIBLE	ELEC	ELECTRIC, ELECTRICAL	LDG	LANDING	REBAR	REINFORCING STEEL BARS	V	VENT; VOLT
ACI	AMERICAN CONCRETE INSTITUTE	ELEV	ELEVATOR	LED	LIGHT EMITTING DIODE	REC	RECESSED	V.F.	VERIFY IN FIELD
ACT	ACOUSTICAL CEILING TILE	EMERG	EMERGENCY	LF	LINEAR FOOT; LINEAR FEET	RECEPT	RECEPTICAL	VAR	VARIABLE AIR VOLUME
ADA	AMERICANS WITH DISABILITIES ACT	ENCL	ENCLOSURE	LH	LEFT HAND	RECT	RECTANGLE	VAV	VARIABLE AIR VOLUME
ADJ	ADJACENT; ADJUSTABLE	ENGR	ENGINEER	LHR	LEFT HAND REVERSE	REF	REFERENCE; REFRIGERATOR	VB	VINYL BASE
ADMIN	ADMINISTRATION	ENTR	ENTRANCE	LIB	LIBRARY	REF	REFERENCE; REFRIGERATOR	VCT	VINYL COMPOSITION TILE
AFF	ABOVE FLOOR FINISH	EPA	ENVIRONMENTAL PROTECTION AGENCY	LIN	LINEAR	REINFORC	REINFORCING; REINFORCEMENT	VENT	VENTILATION
AFG	ABOVE FINISH GRADE	EQ	EQUAL	LL	LIVE LOAD	REINFORC	REINFORCING; REINFORCEMENT	VERT	VERTICAL
AHJ	AUTHORITY HAVING JURISDICTION	EST	ESTIMATE	LONG	LONGITUDINAL	REQ	REQUIRED	VEST	VESTIBULE
AHU	AIR HANDLING UNIT	EW	EACH WAY	LR	LIVING ROOM	RET	RETURN	VOC	VOLATILE ORGANIC COMPOUND
AIA	AMERICAN INSTITUTE OF ARCHITECTS	EWC	ELECTRIC WATER COOLER	LT	LIGHT	REV	REVISION	VOL	VOLUME
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	EXH	EXHAUST	LTG	LIGHTING	RFG	REQUEST FOR INFORMATION	VTR	VENT THROUGH ROOF
ALT	ALTERNATE; ALTERNATING	EXP	EXPANSION; EXPOSED	LVL	LAMINATED VENEER LUMBER; LEVEL	RFI	REQUEST FOR INFORMATION	VWC	VINYL WALL COVERING
ALUM	ALUMINUM	EXT	EXTERIOR; EXTERNAL	M	METER	RH	RIGHT HAND	W	WATT; WEST; WIDE; WIDTH
ANOD	ANODIZED	F	FACE OF	m	METER	RHR	RIGHT HAND REVERSE	W/D	WASHER / DRYER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	F.O.	FACE OF	M.HAL	METAL HALIDE	RM	ROOM	W/O	WITHOUT
APPROX	APPROXIMATE	FAR	FLOOR AREA RATING	MAINT	MAINTENANCE	RO	ROUGH OPENING	WB	WOOD BASE
ARCH	ARCHITECT	FC	FOOT CANDLES	MAS	MASONRY	ROW	RIGHT OF WAY	WC	WATER CLOSET; TOILET
AUTO	AUTOMATIC	FCO	FLOOR CLEANOUT	MATL	MATERIAL	RPM	ROTATIONS PER MINUTE	WCO	WALL CLEANOUT
AVG	AVERAGE	FD	FLOOR DRAIN	MAX	MAXIMUM	RSF	RENTABLE SQUARE FEET	WD	WOOD
AWI	ARCHITECTURAL WOODWORKING INSTITUTE	FDN	FOUNDATION	MBR	MEMBER	RT	RUBBER TILE	WDW	WINDOW
		FE	FIRE EXTINGUISHER	MECH	MECHANICAL	RTG	RATING	WF	WIDE FLANGE
		FF&E	FURNITURE, FIXTURES & EQUIPMENT	MED	MEDIUM	RTU	ROOFTOP UNIT	WH	WATER HEATER
				MEZZ	MEZZANINE	RWC	RAIN WATER CONDUCTOR	WL	WIND LOAD
				MFR	MANUFACTURER	S	S	WLD	WELDED
				MIN	MINIMUM; MINUTE	SAN	SANITARY	WP	WATERPROOF; WEATHERPROOF
				MISC	MISCELLANEOUS	SB	STONE BASE	WPT	WORKING POINT
				MO	MASONRY OPENING	SC	SOLID CORE	WT	WEIGHT
				MT	MOUNT	SCH	SCHEDULE; SCHEDULED	WWF	WELDED WIRE FABRIC
				MTG	MOUNTING	SCHM	SCHEMATIC	X	X
				MTL	METAL	SD	SMOKE DETECTOR; STORM DRAIN	XPS	EXTRUDED POLYSTYRENE BOARD (INSULATION)
				MW	MICROWAVE	SDG	SIDING	Y	Y
				MWP	METAL WALL PANEL	SE	SOUTH EAST	YD	YARD; YARD DRAIN
						SECT	SECTION		
						SF	SOARE FOOT; SQUARE FEET		
						SGL	SINGLE		
						SH	SHOWER		
						SHR	SHOWER		
						SIM	SIMILAR		
						SPEC	SPECIFICATION		
						SPKR	SPEAKER		
						SQ	SQUARE		
						SST	STAINLESS STEEL		
						ST	STAIRS; STREET; STAIN		
						STC	SOUND TRANSMISSION COEFFICIENT		
						STD	STANDARD		
						STL	STEEL		
						STN	STONE		
						STO	STORAGE		
						STR	STRUCTURE; STRUCTURAL		
						SUSP	SUSPENDED		
						SW	SOUTH WEST		
						SWR	SEWER		
						SYMB	SYMBOL		
						SYS	SYSTEM		
						T	TILE; TREAD; TREADS		
						T&B	TOP AND BOTTOM		
						T&G	TONGUE AND GROOVE		
						T.O.	TOP OF		
						TB	TILE BASE		
						TB	TO BE DETERMINED		
						TEL	TELEPHONE		
						TEMP	TEMPERATURE; TEMPORARY		
						TERR	TERRAZZO		
						THK	THICK; THICKENED; THICKNESS		
						THRES	THRESHOLD		
						THRU	THROUGH		
						TMFD	TEMPERED		
						TOC	TOP OF CONCRETE; TOP OF CURB		
						TOPO	TOPOGRAPHY; TOPOGRAPHIC		
						TOS	TOP OF STEEL		
						TOW	TOP OF WALL		
						TRANSF	TRANSFORMER		
						TSTAT	THERMOSTAT		
						TV	TELEVISION		

### SECTION/PLAN LEGEND

	ALUMINUM
	BATT INSULATION
	BRICK
	CONCRETE
	CONCRETE MASONRY
	EARTH
	GRAVEL / DGA
	PLASTER, GYPSUM WALL BOARD
	PLYWOOD
	RIGID INSULATION
	SAND
	SPRAY FOAM INSULATION
	STEEL, IRON
	STONE
	WOOD BLOCKING / SHIM
	WOOD DIMENSIONAL
	WOOD FINISH

### SYMBOLS LEGEND



135 P. ROCKMAN INDUSTRIAL DR.  
SUITE 100 CANTON, GA 30115  
Phone: (770) 345-2579

PROJECT NUMBER: 25-033

**EARLY HOPE BAPTIST ACTIVITY CENTER**

129 ROCKY PLAINS RD  
CONINGTOWN, GA 30106

SYMBOLS & LEGENDS

**G-005**

ISSUED FOR CONSTRUCTION

GENERAL NOTES

- 1. DO NOT SCALE DRAWINGS - USE DIMENSIONS ONLY... 2. UNLESS NOTED OTHERWISE WALL AND PARTITION DIMENSIONS ARE GIVEN FROM FACE OF STUDICU/MU TO FACE OF STUDICU/MU OR TO COLUMN CENTERLINE... 3. ELEVATIONS AND LEVELS ARE SHOWN FROM TOP OF SLAB BASED ON A "REFERENCE BENCHMARK ELEVATION"...

- 40. ISOLATE DISSIMILAR METALS BY MEANS OF HEAVY BITUMINOUS COATING, APPROVED PAINT, ADHERED POLYETHYLENE SHEET, OR OTHER MEANS APPROVED OF BY THE ARCHITECT... 41. PRIME AND PAINT ALL STEEL LINTELS, HANDRAILS, AND ANY AND ALL OTHER INTERIOR OR EXTERIOR EXPOSED FERROUS METAL SURFACES NOT OTHERWISE INDICATED AS COATED OR PAINTED...



COMcheck Software Version COMcheckWeb Envelope Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: 25-033 EARLY HOPE GYMNASIUM SHELL BUILDING
Location: Covington, Georgia
Climate Zone: 3a
Project Type: New Construction
Vertical Glazing / Wall Area: 11%

Construction Site: 1129 Rocky Plains Rd, Covington, Georgia 30016
Owner/Agent: Georgia
Designer/Contractor: Kevin Whipple, CSC Design, Inc, 135 P Rickman Industrial Drive, Canton, Georgia 30115

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Enhanced Interior Lighting Controls, 1.0 credit

Table with 2 columns: Building Area, Floor Area. Row 1: 1-Gymnasium : Nonresidential, 6500

Envelope Assemblies

Table with 6 columns: Assembly, Gross Area or Perimeter, Cavity R-Value, Cont. R-Value, Proposed U-Factor, Budget U-Factor. Rows include Roof, NORTH, EAST, SOUTH, WEST.

Project Title: 25-033 EARLY HOPE GYMNASIUM SHELL BUILDING
Data filename:
Report date: 10/20/25
Page 1 of 8

Table with 6 columns: Assembly, Gross Area or Perimeter, Cavity R-Value, Cont. R-Value, Proposed U-Factor, Budget U-Factor. Row: Ext. Wall: Other Metal Building Wall, [Bldg. Use 1 - Gymnasium] (b)

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.
(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Envelope PASSES: Design 7% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Kevin Whipple, RA
Name - Title
Signature
Date: 11/07/2025

ALPHA BLDG SET 06-17-2026

Project Title: 25-033 EARLY HOPE GYMNASIUM SHELL BUILDING
Data filename:
Report date: 10/20/25
Page 2 of 8



ARCHITECTS & ENGINEERS
135 P RICKMAN INDUSTRIAL DR.
SUITE 100 CANTON, GA 30115
Phone: (770) 345-2579

Small disclaimer text regarding software use and liability.



PROJECT NUMBER: 25-033

REVISIONS
NO. DATE
1 03/09/2026
ISSUE REVISION 1 (OWNER REQUESTED MODIFICATION)

EARLY HOPE BAPTIST ACTIVITY CENTER

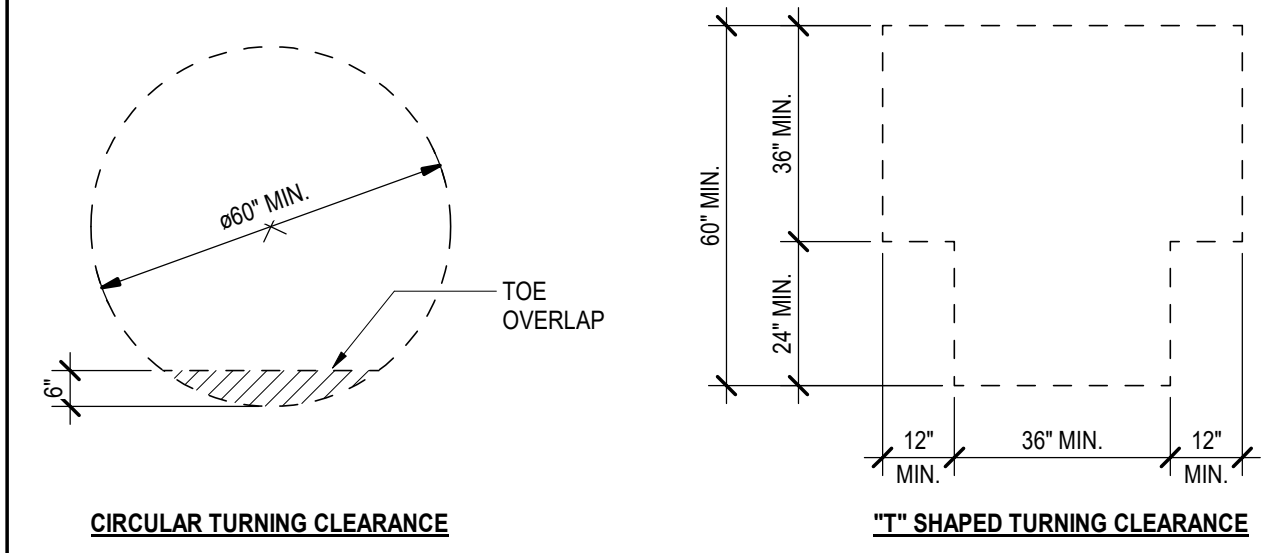
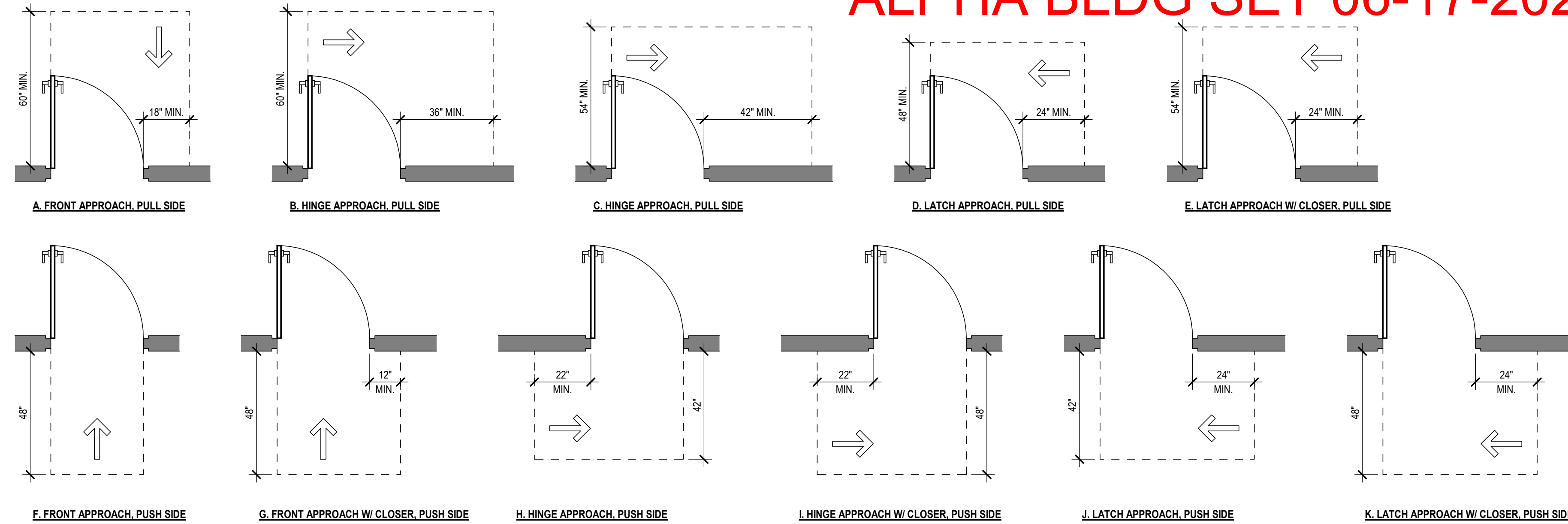
1129 ROCKY PLAINS RD
COWINGTON, GA 30016

GENERAL NOTES & COMCHECK

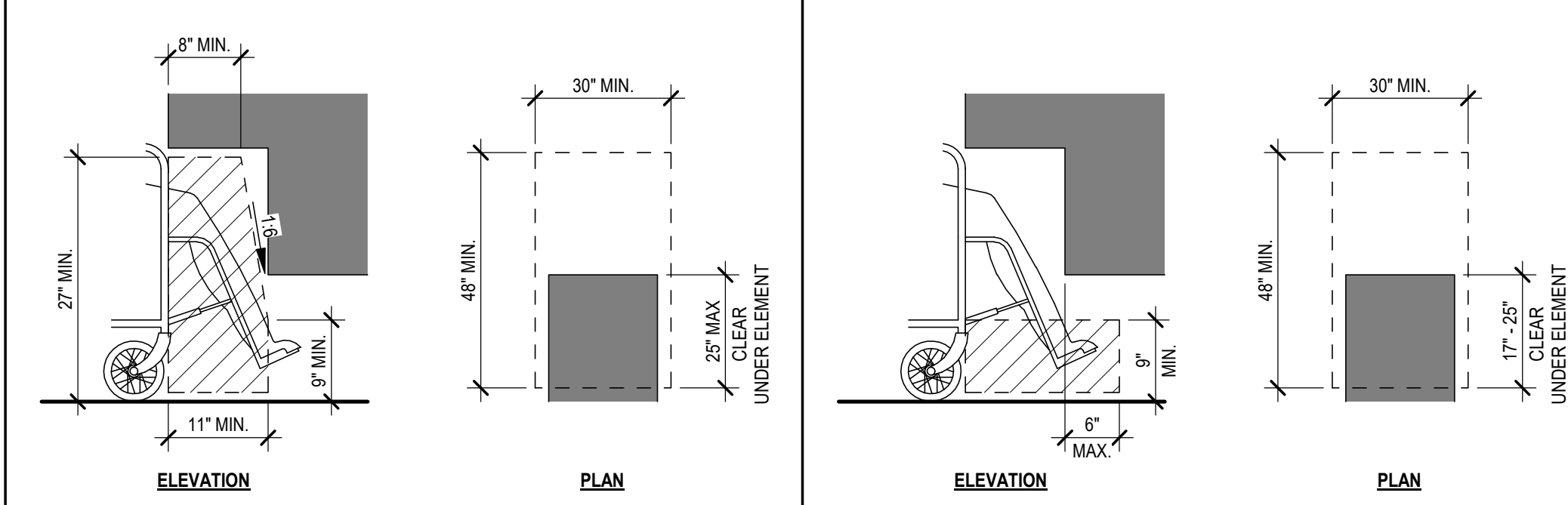
G-006

ISSUED FOR CONSTRUCTION

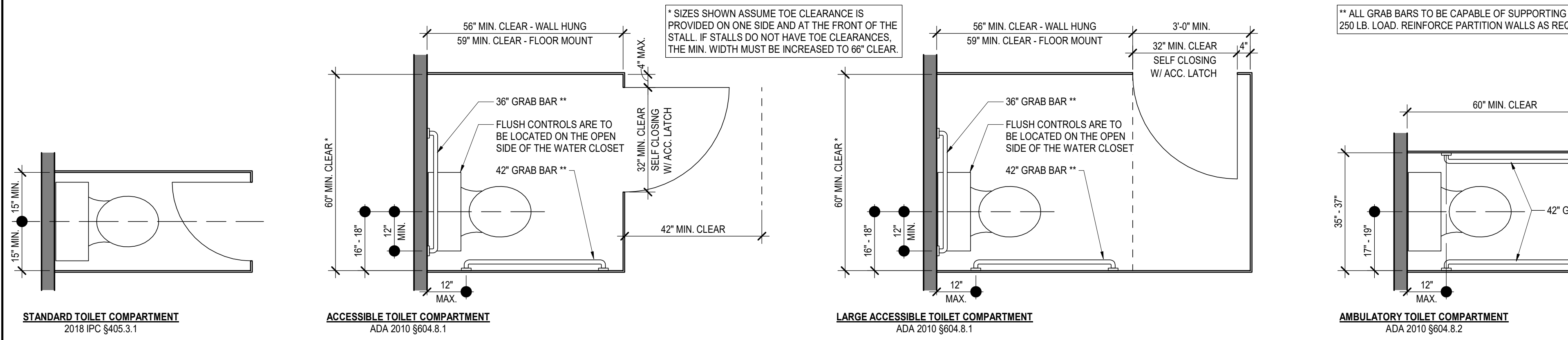
# ALPHA BLDG SET 06-17-2026



### ADA 2010 §304.3 - TURNING CLEARANCE

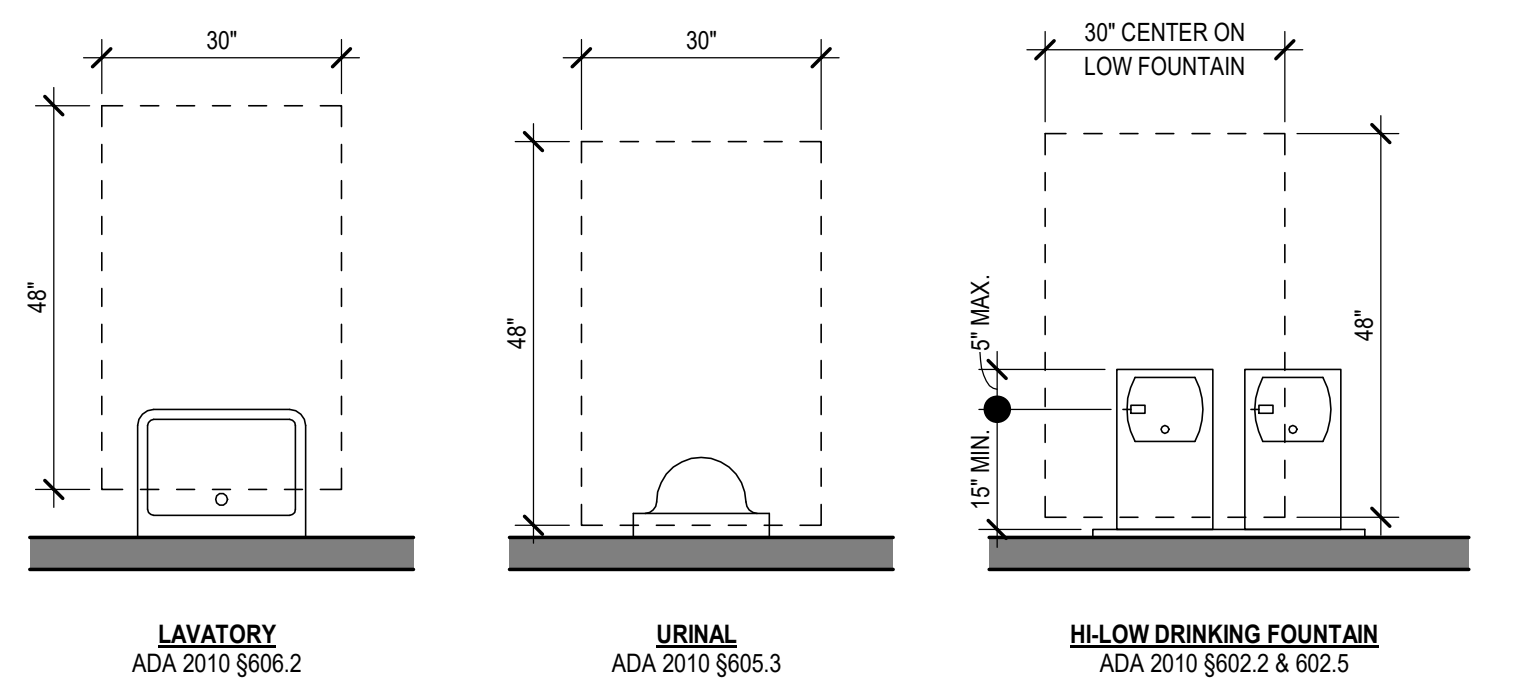


### ANSI 117.1-2010 §404.2.4 - MANEUVERING CLEARANCE AT SWING DOORS

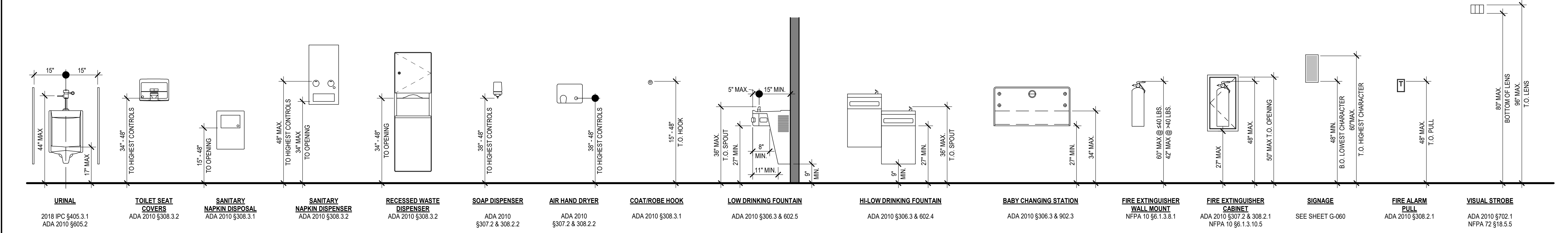
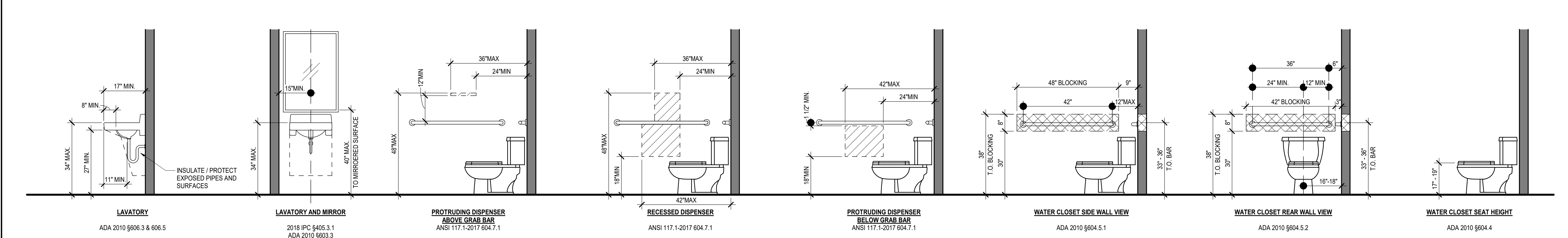


### ADA 2010 §306.3 - KNEE CLEARANCE

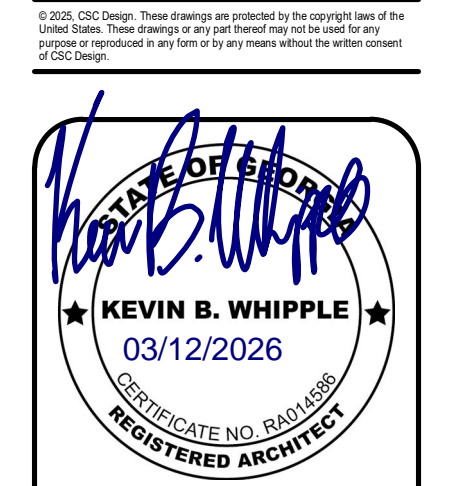
### ADA 2010 §306.2 - TOE CLEARANCE



### STANDARD CLEARANCES



### MOUNTING HEIGHTS



PROJECT NUMBER: 25-033

REVISIONS	NO.	DATE	ISSUE
	1	03/08/2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 1129 ROCKY PLAINS RD  
 CONINGTOWN, GA 30106

**ACCESSIBILITY DETAILS**  
**G-050**  
 ISSUED FOR CONSTRUCTION

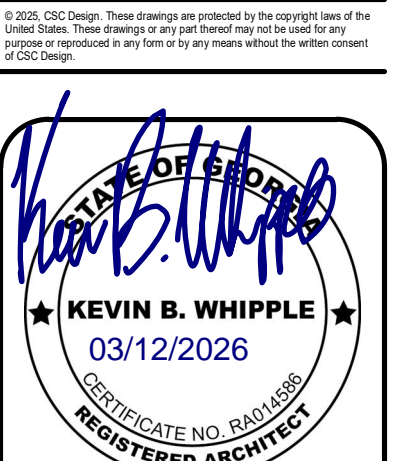
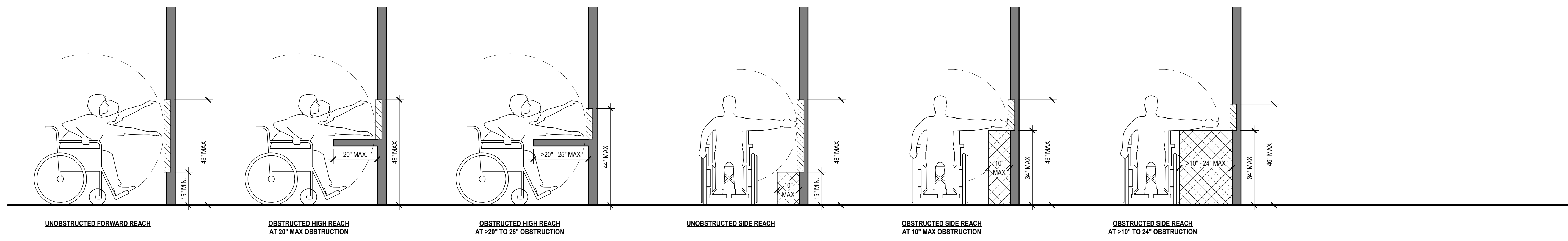
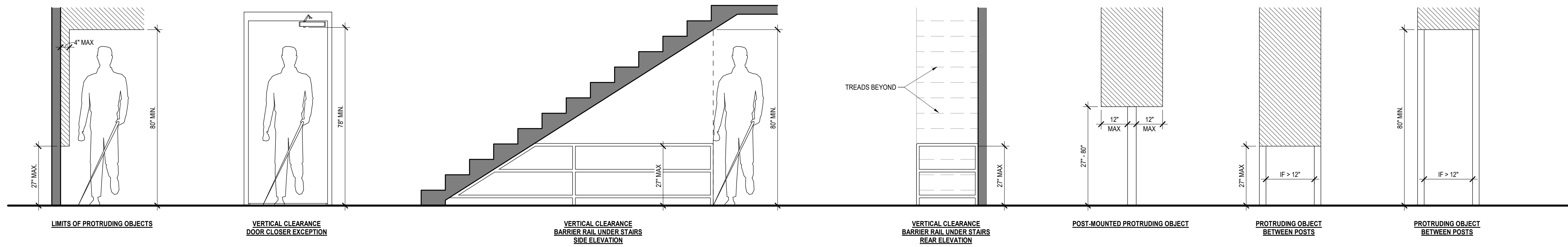


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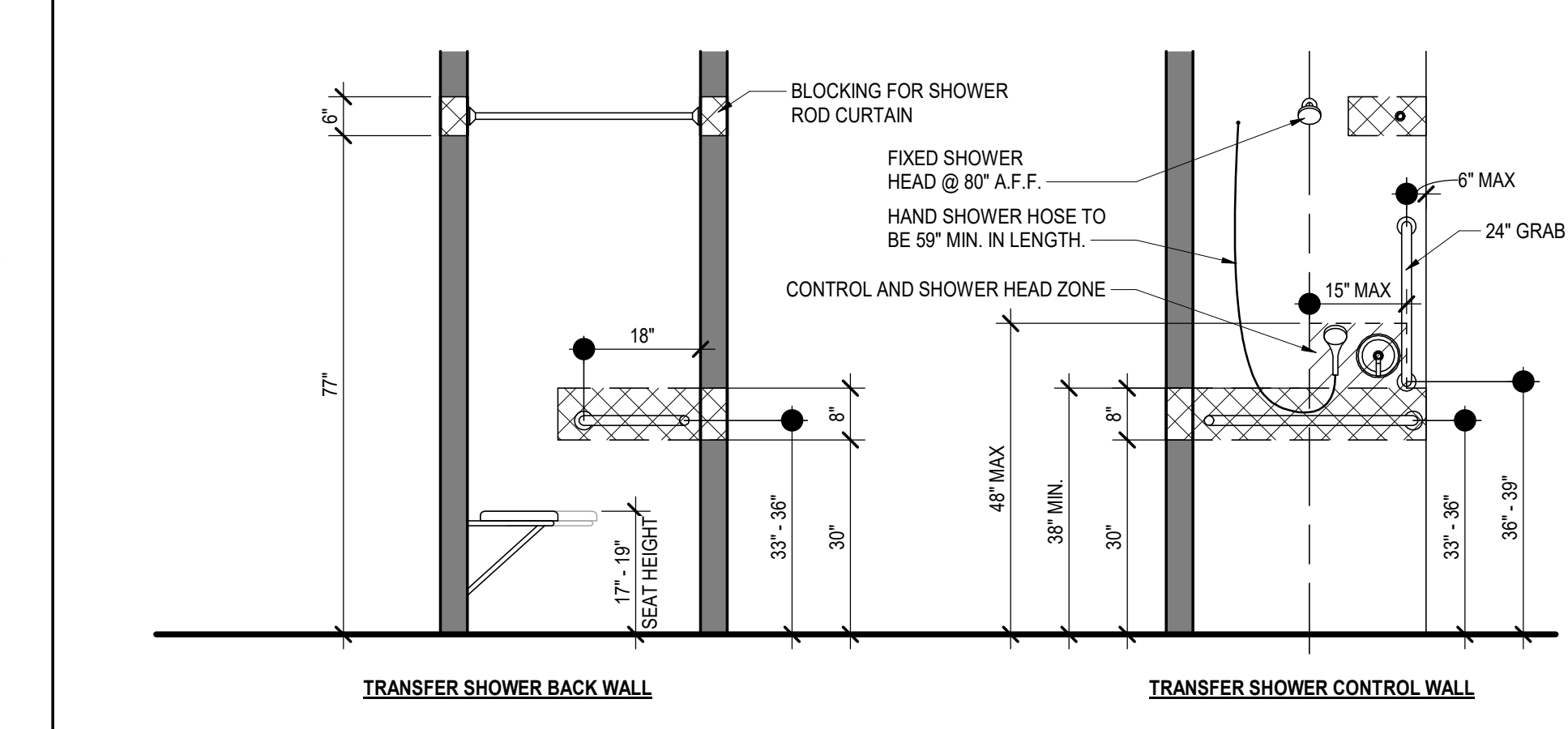
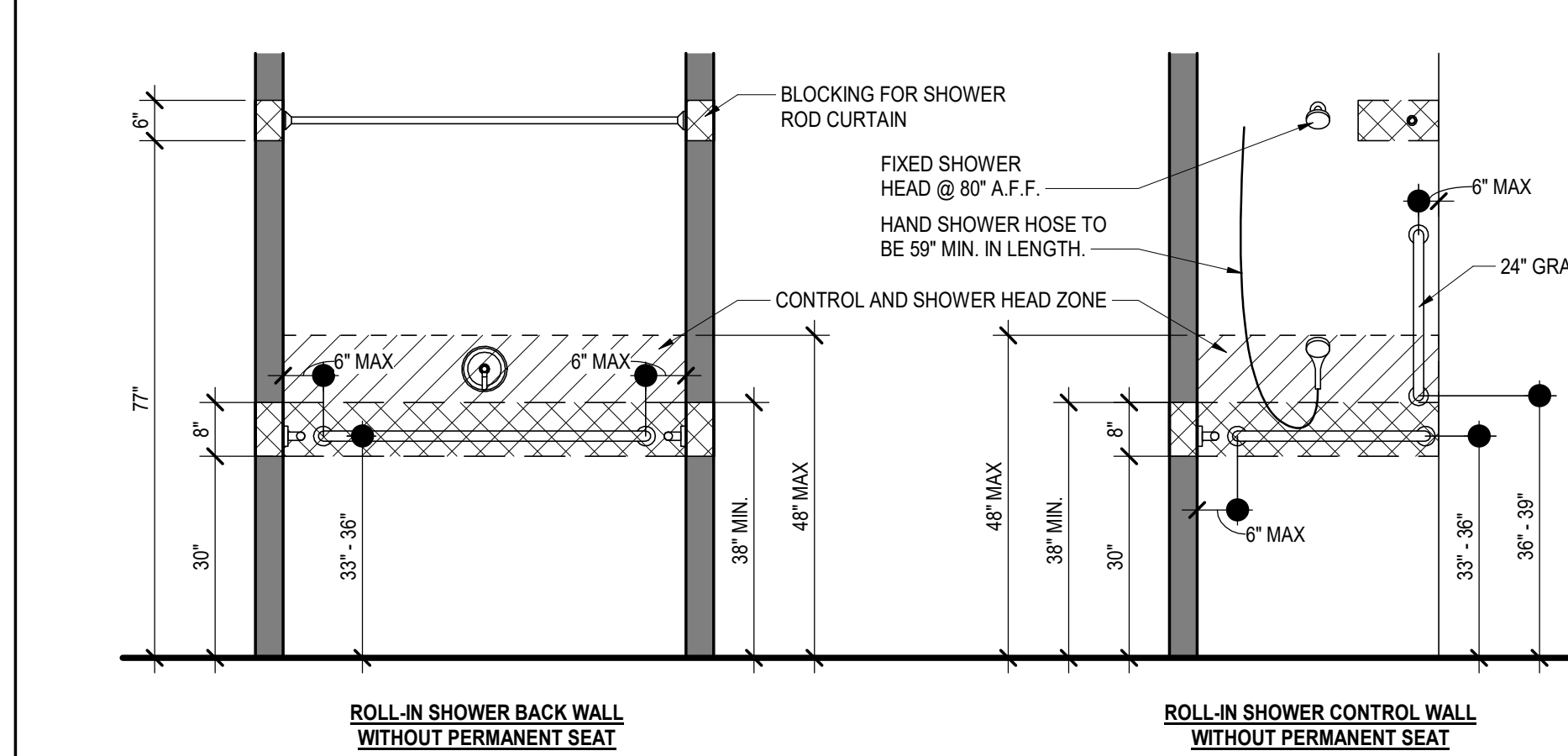
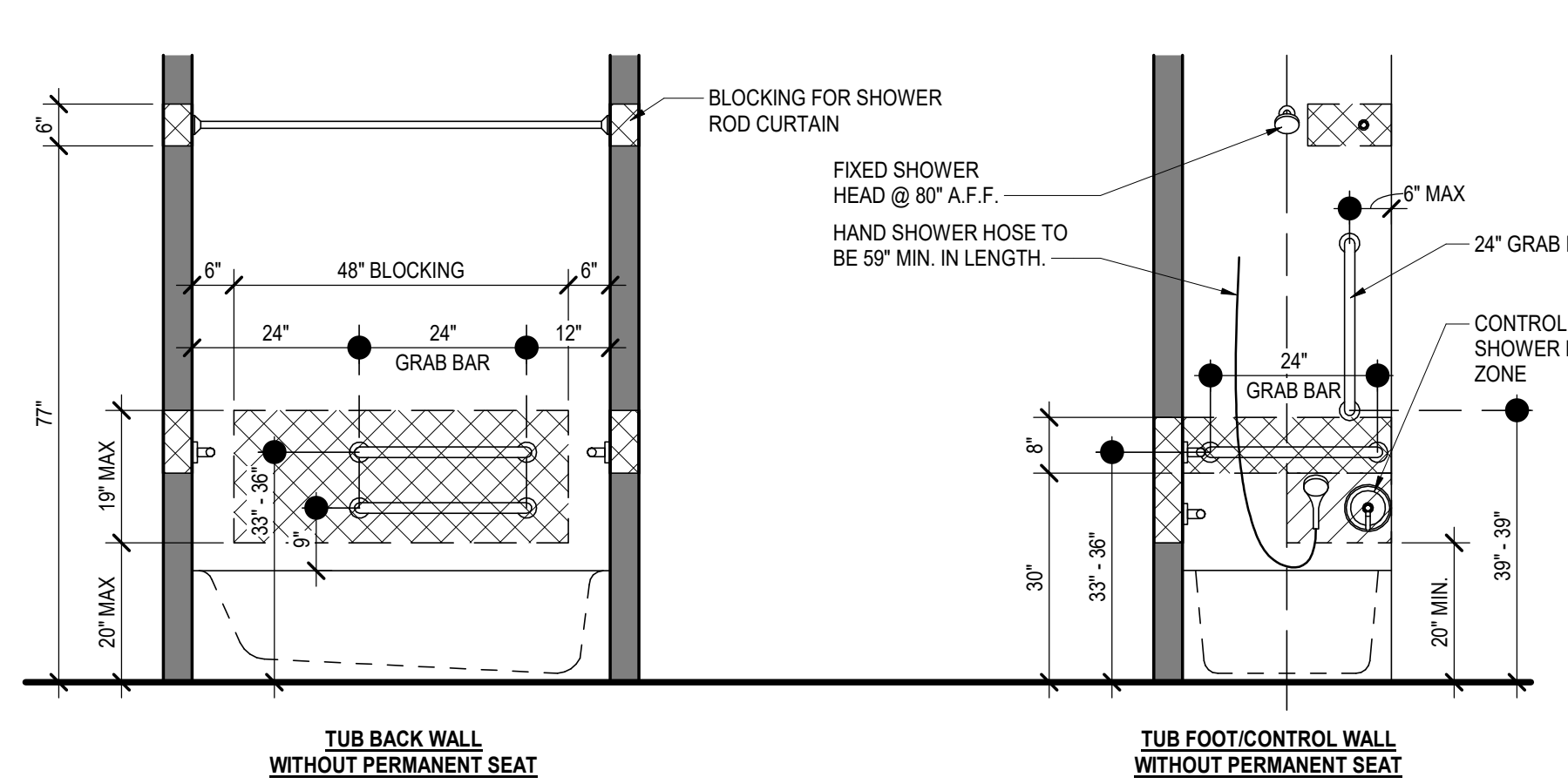
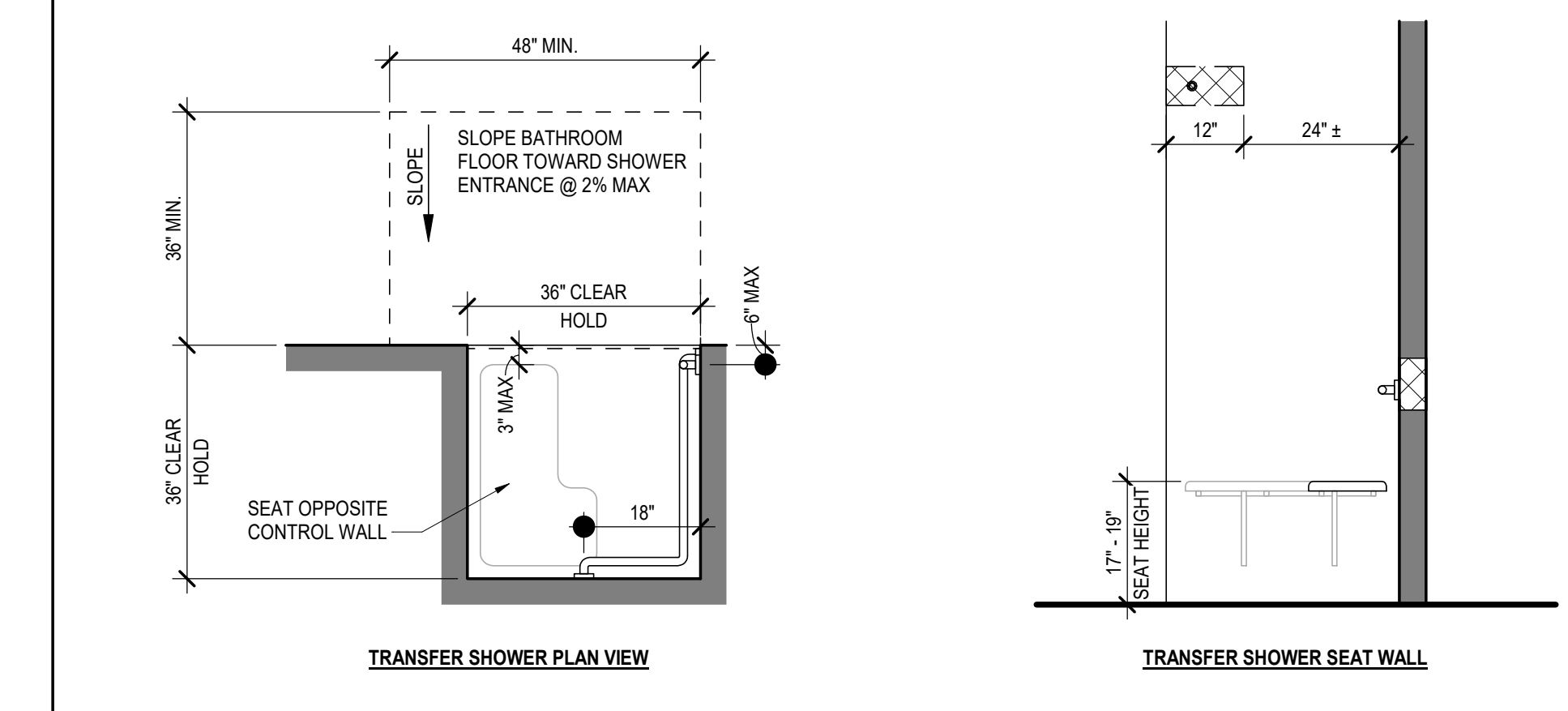
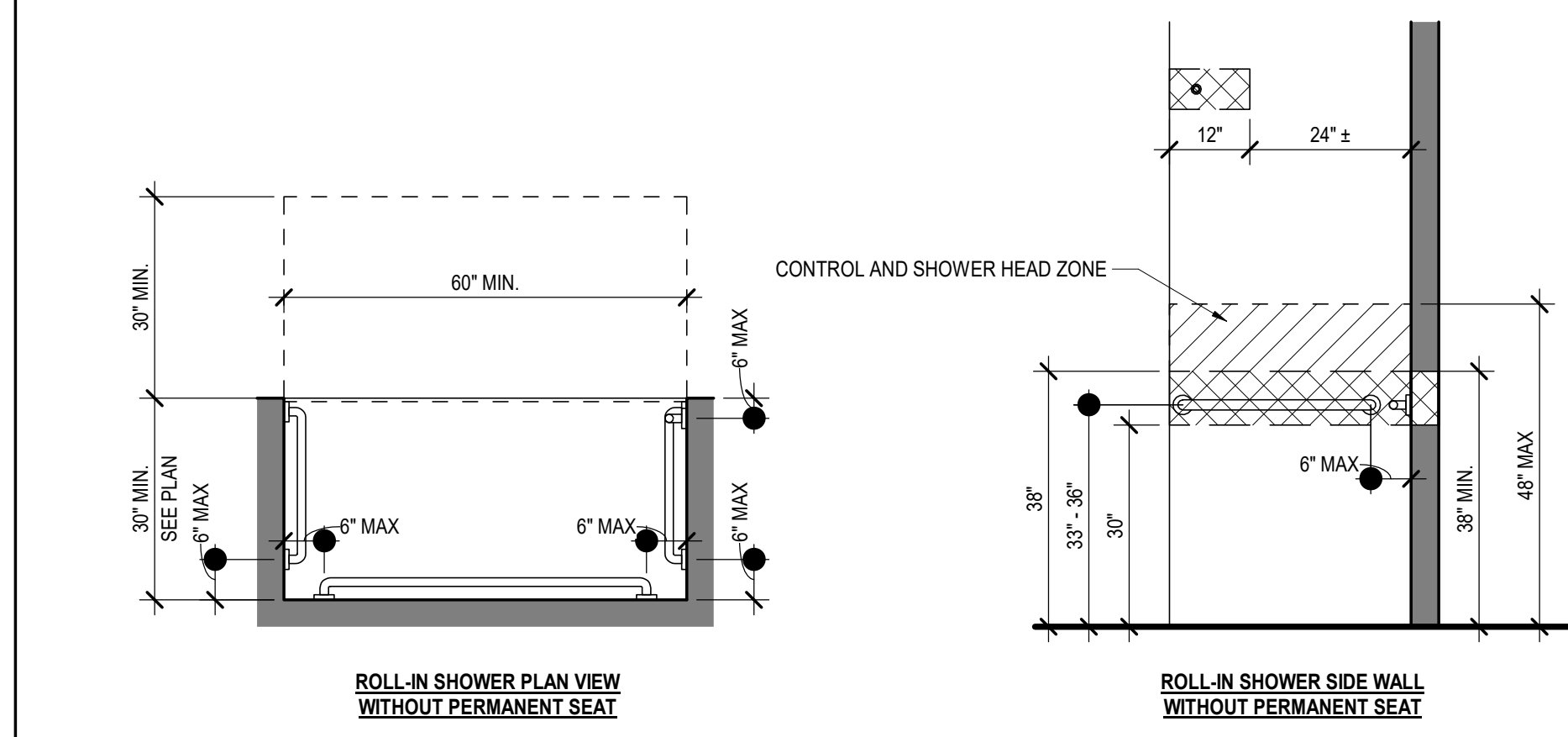
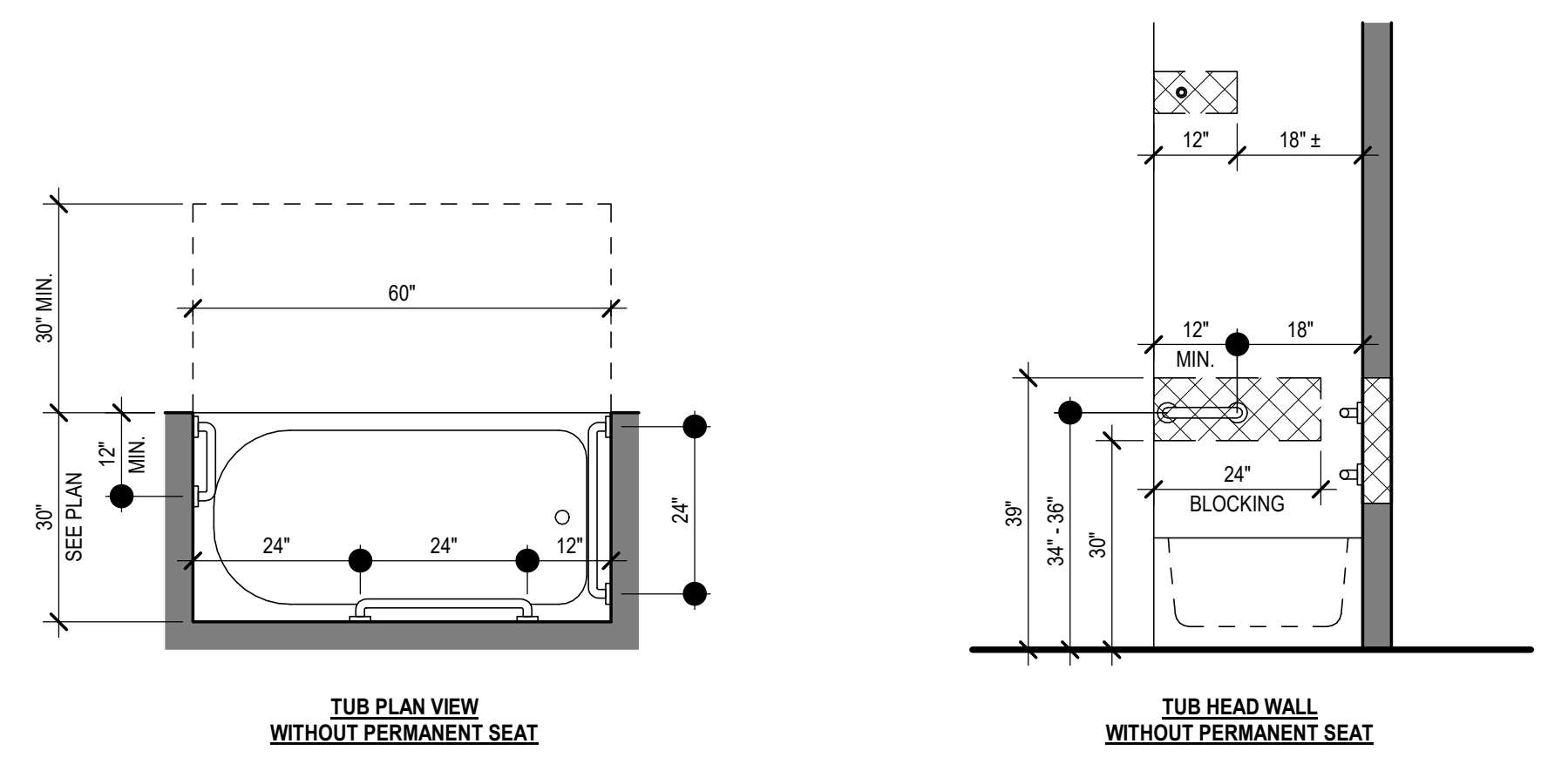


ADA 2010 §308 - REACH RANGES

ALPHA BLDG SET 06-17-2026



ADA 2010 §307 - PROTRUDING OBJECTS DETAILS



ADA 2010 §607 - ACCESSIBLE TUB/SHOWER DETAILS (WITHOUT SEAT)

ADA 2010 §608 - ACCESSIBLE ROLL-IN SHOWER DETAILS (WITHOUT SEAT)

ADA 2010 §608 - ACCESSIBLE TRANSFER SHOWER DETAILS

EARLY HOPE BAPTIST ACTIVITY CENTER

1129 ROCKY PLAINS RD CONINGTOWN, GA 30016

ACCESSIBILITY DETAILS

G-051

ISSUED FOR CONSTRUCTION

# FUTURE PLUMBING FIXTURE REQUIREMENTS SCHEDULE

PLUMBING FIXTURE COUNT	AREA	LINEAR INCHES	CALCULATED OCCUPANT LOAD	ACTUAL OCCUPANT OVERRIDE	DESIGN OCCUPANT LOAD	WATER CLOSETS			LAVATORIES		BATHTUB / SHOWERS	DRINKING FOUNTAIN	
						MALE		FEMALE	MALE	FEMALE			
						COUNT	URINAL COUNT	COUNT	COUNT	COUNT			
LEVEL 01													
5 - AUDITORIUM, ART GALLERY	5,221.33 SF	0"	348	0	348	1.39	0.93	2.68	0.87	0.87	0.00	0.35	
11 - EDUCATIONAL	468.01 SF	0"	23	0	23	0.23	0.15	0.23	0.23	0.23	0.00	0.23	
27 - STORAGE	257.44 SF	0"	1	0	1	0.01	0.00	0.01	0.01	0.01	0.00	0.00	
	5,946.77 SF		372	0	372	1.63	1.09	2.91	1.11	1.11	0.00	0.58	

**PLUMBING FIXTURE COUNT SCHEDULE:**

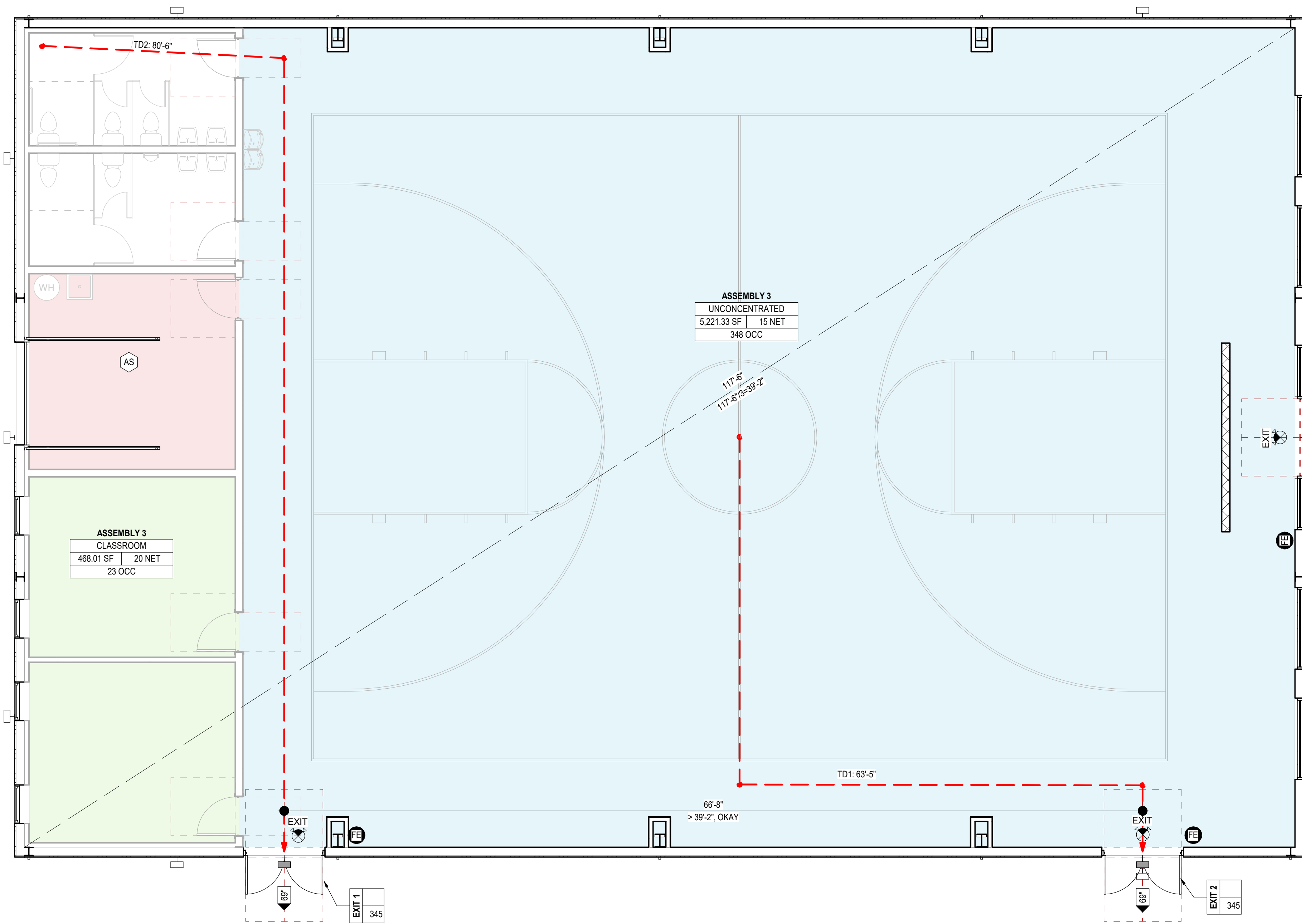
WATER CLOSETS			LAVATORIES				BATH / SHOWER		DRINKING FOUNTAINS			
MALE		FEMALE	MALE		FEMALE	MIN. REQ.	PROVIDED	MIN. REQ.	PROVIDED			
MIN. REQ.	W.C. PROVIDED	URINALS PROVIDED	MIN. REQ.	PROVIDED	MIN. REQ.	PROVIDED	MIN. REQ.	PROVIDED	MIN. REQ.	PROVIDED		
2	2	1	3	3	2	2	2	2	0	0	1	2

# ALPHA BLDG SET 06-17-2026

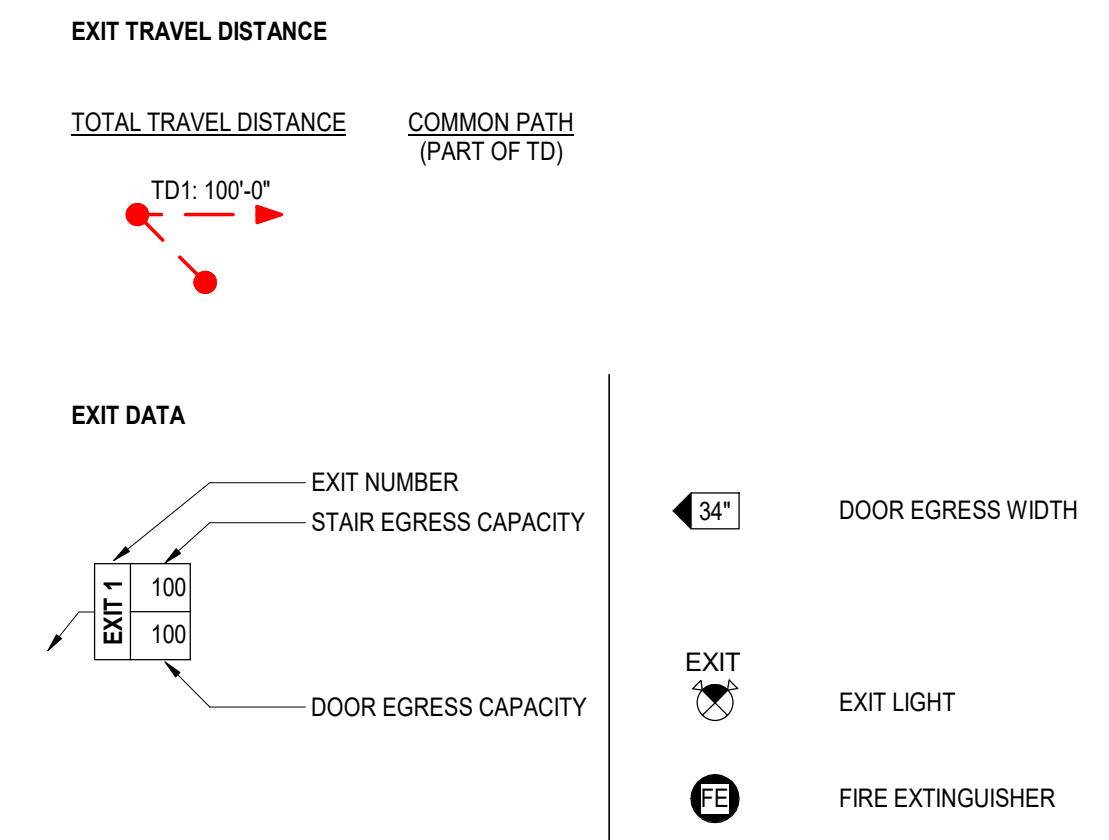
LIFE SAFETY PLAN PROVIDED FOR REFERENCE ONLY. FINAL OCCUPANT LOAD AND SPACE USES TO BE VERIFIED AND FINALIZED UNDER SEPARATE TENANT FINISH PERMIT.

### FUNCTION/USE LEGEND

- CLASSROOM
- STORAGE
- UNCONCENTRATED



### LIFE SAFETY LEGEND



### LIFE SAFETY GENERAL NOTES

- REFER TO PARTITION TYPES SCHEDULE FOR PARTITION TYPE DETAILS AND TESTED RATED ASSEMBLY DETAILS.

### LIFE SAFETY KEYNOTES

AS  
ACCESSORY STORAGE  
NO SEPERATION: IBC 508.2.4

### TRAVEL DISTANCE

**NEW ASSEMBLY OCCUPANCY (SPRINKLERED)**

LSC CHAPTER 12, IBC CHAPTER 3  
GROUP A-3 (ASSEMBLY) OCCUPANCY

**TRAVEL DISTANCE**  
250' MAX; LSC 12.2.6.2(1)  
COMMON PATH 75' (UP TO 50 OCC.); LSC 12.2.5.2  
COMMON PATH 50' (51+ OCC.); LSC 12.2.5.2

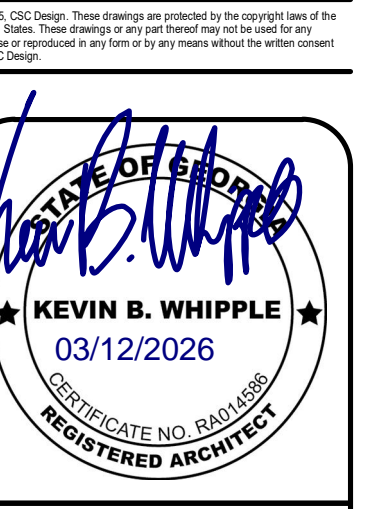
DEAD END LIMIT 20'; LSC 12.2.5.3

### OCCUPANCY USE SCHEDULE - LEVEL 01

FUNCTION/USE	AREA	LINEAR INCHES	FACTOR	CALCULATED OCCUPANT LOAD	ACTUAL OCCUPANT OVERRIDE	DESIGN OCCUPANT LOAD
ASSEMBLY 3 CLASSROOM	468.01 SF	0'-0"	20 NET	23	0	23
STORAGE	257.44 SF	0'-0"	500 GROSS	1	0	1
UNCONCENTRATED	5,221.33 SF	0'-0"	15 NET	348	0	348
<b>TOTAL OCCUPANT LOAD</b>	<b>5,946.77 SF</b>	<b>0'-0"</b>		<b>372</b>	<b>0</b>	<b>372</b>

**EGRESS CAPACITY:**

OCCUPANT TOTAL	NUMBER OF EXITS		HORIZONTAL: 0.2/OCC		STAIRWAY: 0.3/OCC	
	MIN. REQ.	PROVIDED	MIN. REQ.	PROVIDED	MIN. REQ.	PROVIDED
372	2	3	74"	207"	N/A	N/A



PROJECT NUMBER: 25-033

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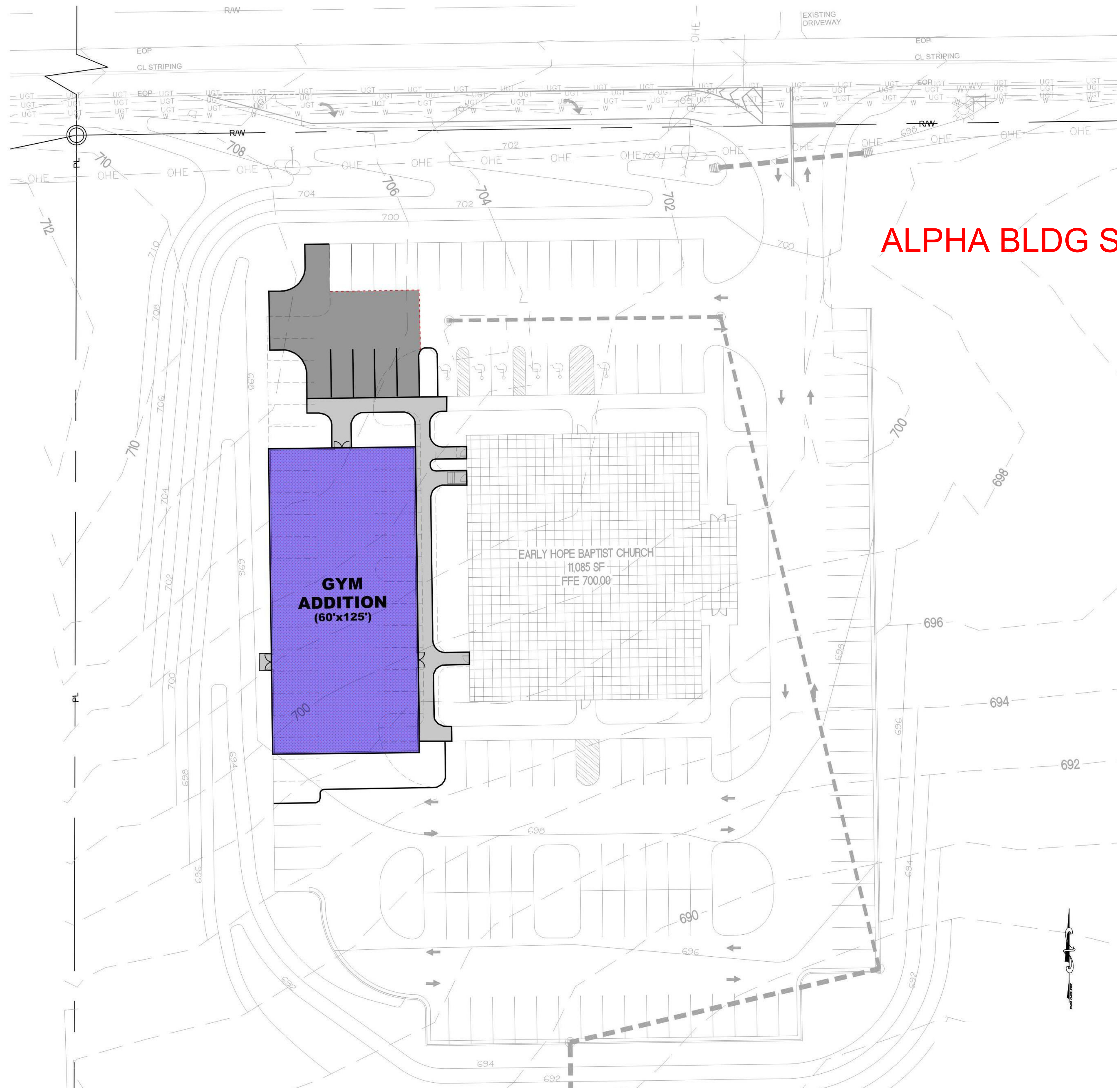
## EARLY HOPE BAPTIST ACTIVITY CENTER

129 ROCKY PLAINS RD  
CONINGTON, GA 30106

LIFE SAFETY PLAN

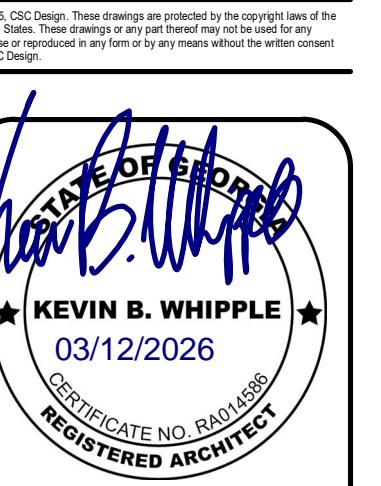
LS101

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ALPHA BLDG SET 06-17-2026

FOR ADDITIONAL SITE INFORMATION, REFER TO CIVIL DRAWINGS



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**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 COWINGTON, GA 30016

ARCHITECTURAL SITE PLAN

A-001

ISSUED FOR CONSTRUCTION



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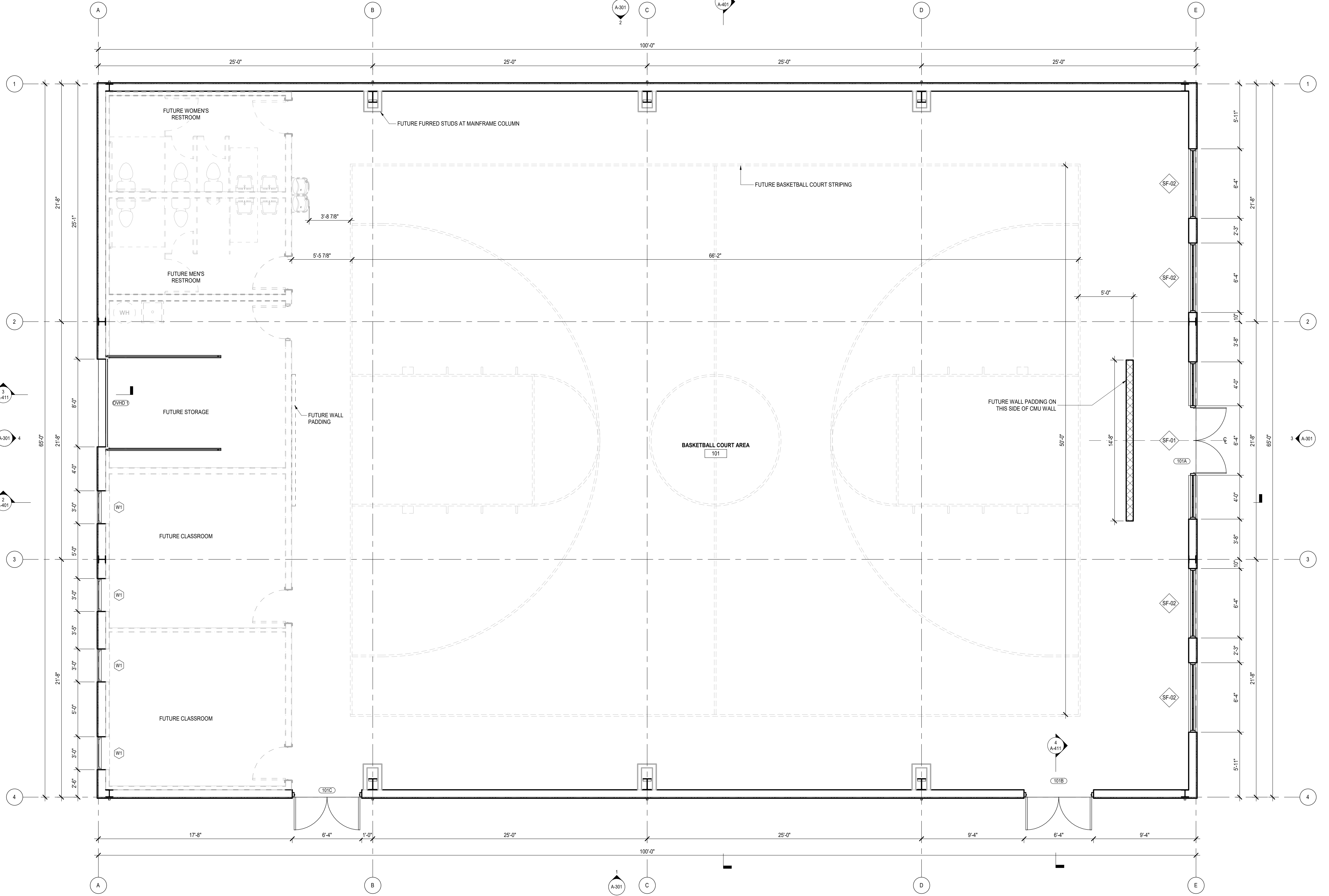
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**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 CONINGTOWN, GA 30106

FLOOR PLAN

## A-101

ISSUED FOR CONSTRUCTION



**1 FLOOR PLAN**  
 A-101 | 1/4" = 1'-0"



### Downspout & Gutter Sizing Reports

Project Name: Early Hope Gymnasium Shell Building

Rainfall Intensity (in/hr): 9.9  
*Based on rainfall averages in Atlanta, GEORGIA (100 years)*

Roof Rainfall Design Area (ft<sup>2</sup>): 3,250.00  
*\* Area of Largest Roof Serving a Single Gutter System  
Design Area manually entered by user*

Gutter in Lineal Ft: 100  
*\* Length at Largest Roof Serving a Single Gutter System*

Gutter Length Serving Single DS (ft.): 20  
*\*Assumption: downspouts are equally spaced  
\*\*Maximum gutter length to be served by a downspout is 50ft per SMAGNA ASMM*

M (depth to width ratio): 1.00

Min. Gutter Width (in.): 5 [Rectangular]

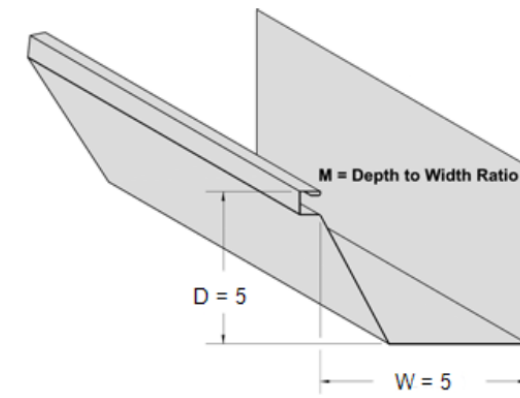
Min. Gutter Depth (in.): 5

# of Downspouts: 5

Additional Downspouts: 3  
*\*to reduce size of gutter and downspouts additional downspouts can be added*

Min. Area per DS (in<sup>2</sup>): 5.42

Min. DS Size (in): 2.00 x 3.00 [Plain Rectangular]  
*\*Per Table 1-3 on page 1.4 of SMAGNA ASMM*



# ALPHA BLDG SET 06-17-2026



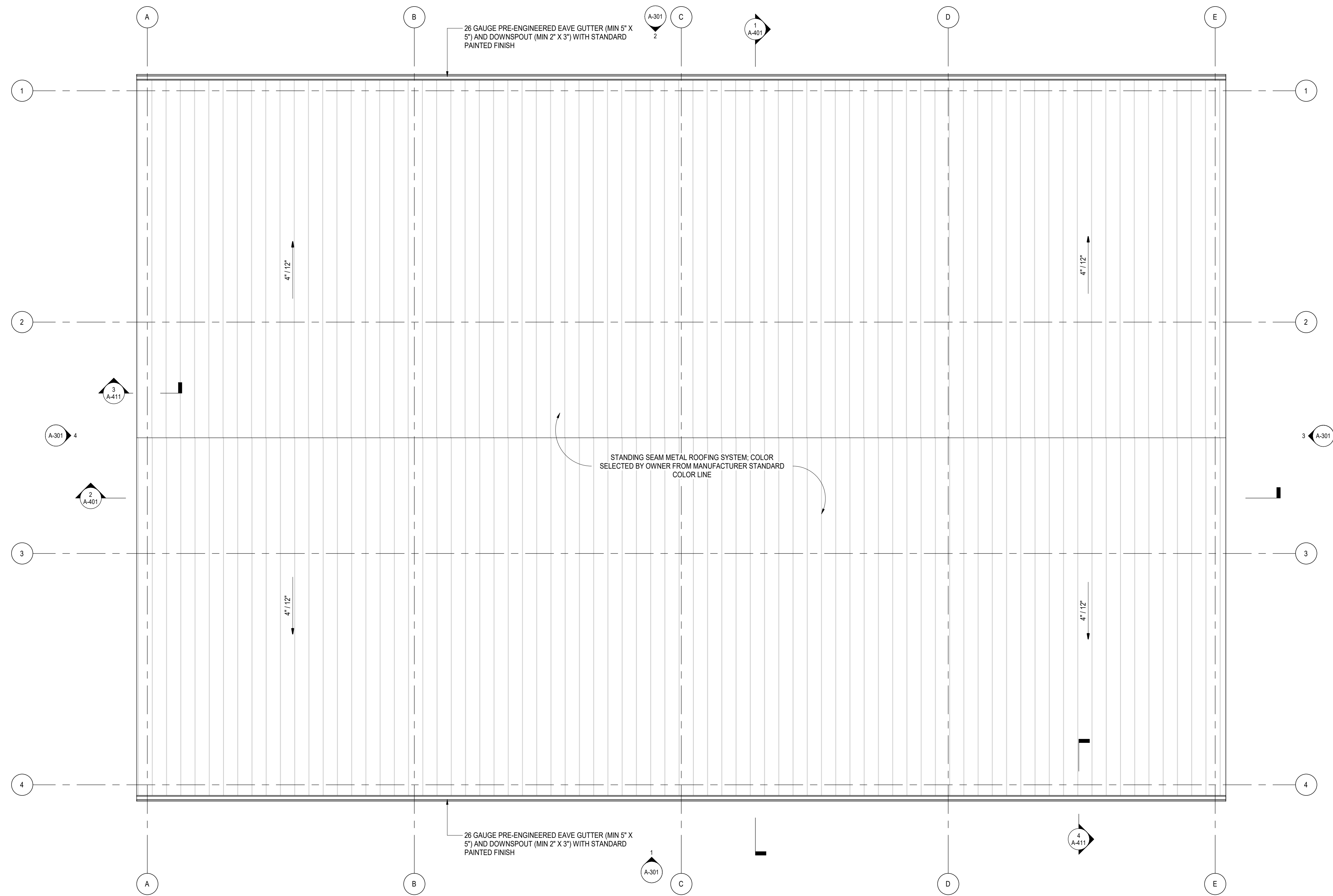
ARCHITECTS & ENGINEERS  
135 P. RICKMAN INDUSTRIAL DR.  
SUITE 100 CANTON, GA 30115  
Phone: (770) 345-2579

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**1** ROOF PLAN  
A-102 | 3/16" = 1'-0"

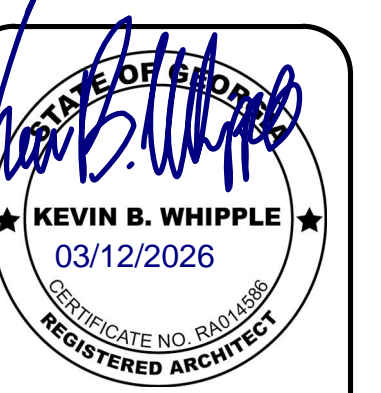
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129 ROCKY PLAINS RD  
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ROOF PLAN

A-102

ISSUED FOR CONSTRUCTION

# ALPHA BLDG SET 06-17-2026



PROJECT NUMBER: 25-033

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	1	03/08/2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

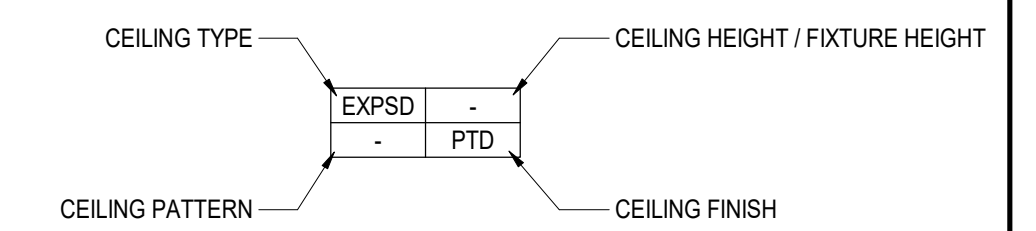
**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 CONINGTON, GA 30106

REFLECTED CEILING PLAN

A-201

ISSUED FOR CONSTRUCTION

## RCP TAG



## CEILING TYPE LEGEND

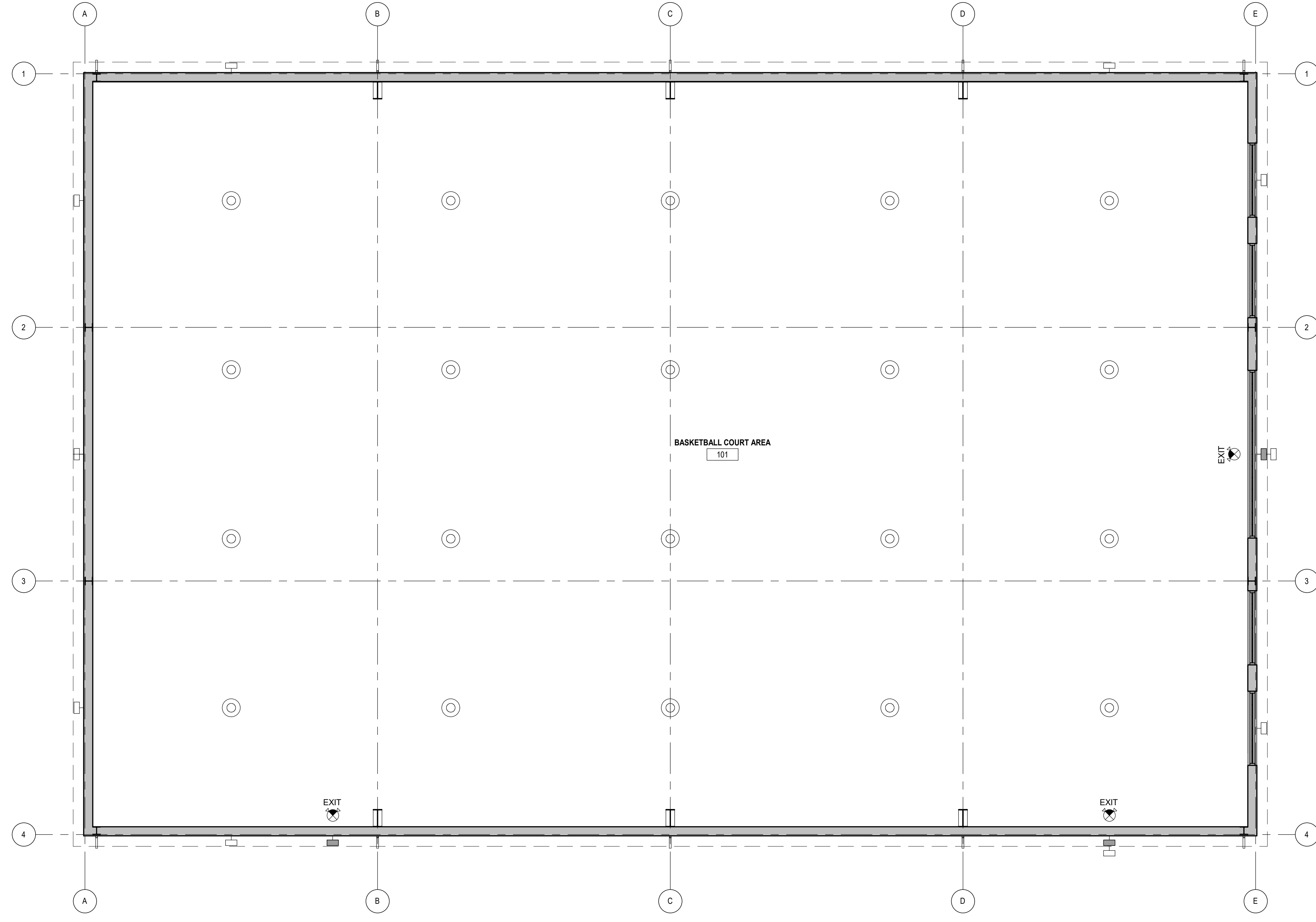
EXPSD. EXPOSED TO STRUCTURE ABOVE

## LIGHTING FIXTURES LEGEND

- EXTERIOR DOOR WALL PACK LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
- EXTERIOR WALL PACK LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
- EXIT EXIT SIGN
- LED HIGH BAY OR PENDANT FIXTURE, SEE ELECTRICAL

## RCP NOTES

1. THIS DRAWING IS FOR GRAPHICAL FIXTURE LOCATION ONLY. SEE ELECTRICAL DRAWINGS FOR FIXTURE SCHEDULE
2. CONTRACTOR SHALL REFER TO ELECTRICAL DRAWINGS FOR GENERAL LIGHTING FOR PRICING IN ADDITION TO DECORATIVE LIGHTING AS SHOWN ON THIS PLAN.
3. REFER TO MECHANICAL DRAWINGS FOR ALL AIR TERMINAL INFORMATION FOR GMP PRICING.
4. SEE INTERIOR DRAWINGS FOR ALL CEILING FINISHES.



**1 REFLECTED CEILING PLAN**  
 A-201 | 3/16" = 1'-0"

# ALPHA BLDG SET 06-17-2026

CSC 2024.01.007

**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. ROCKMAN INDUSTRIAL DR.  
 SUITE 100 CANTON, GA 30115  
 Phone: (770) 345-2579

PROFESSIONAL SEAL  
 KEVIN B. WHIPPLE  
 03/12/2026  
 REGISTERED ARCHITECT

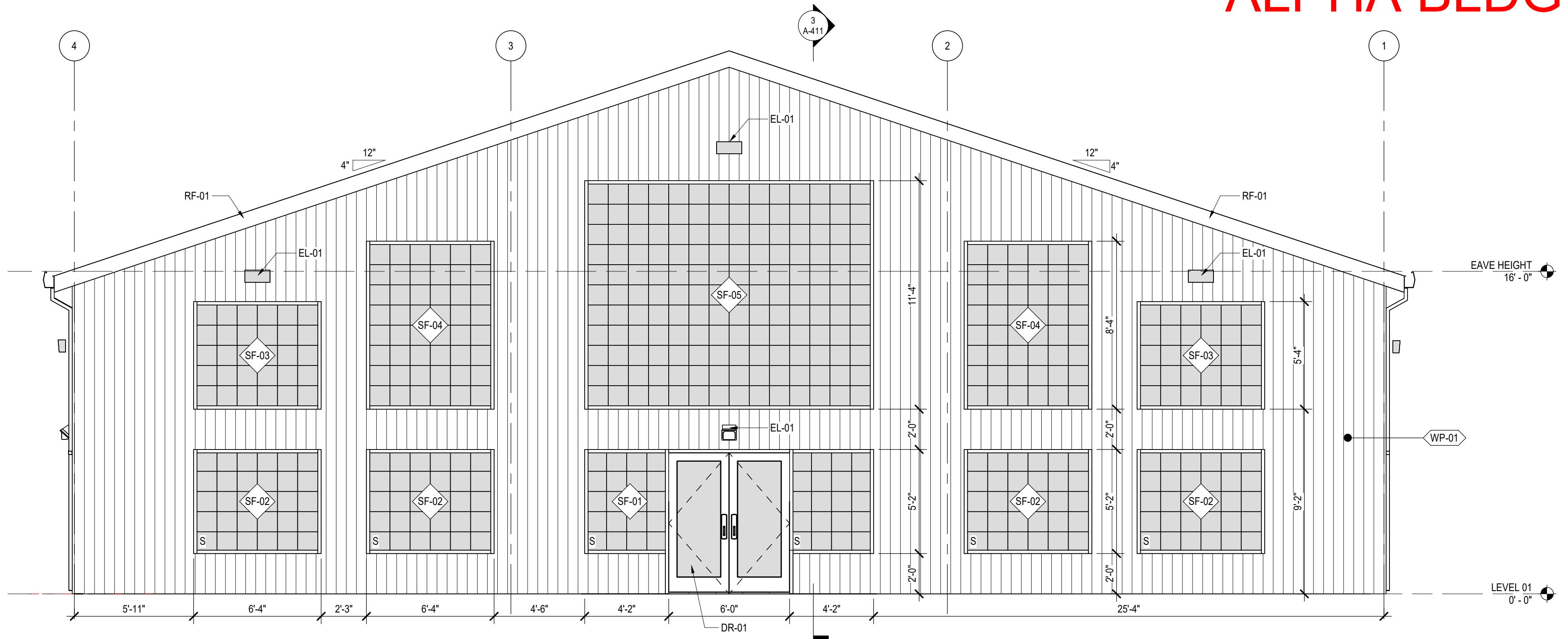
## EXTERIOR FINISH LEGEND

PATTERN	TAG	MATERIAL
	WP-01	26 GAUGE PRE-ENGINEERED SCREW DOWN "R" PANEL WALL SYSTEM WITH STANDARD PAINTED FINISH
	R-01	STANDING SEAM METAL ROOFING SYSTEM, COLOR SELECTED BY OWNER FROM MANUFACTURER STANDARD COLOR LINE

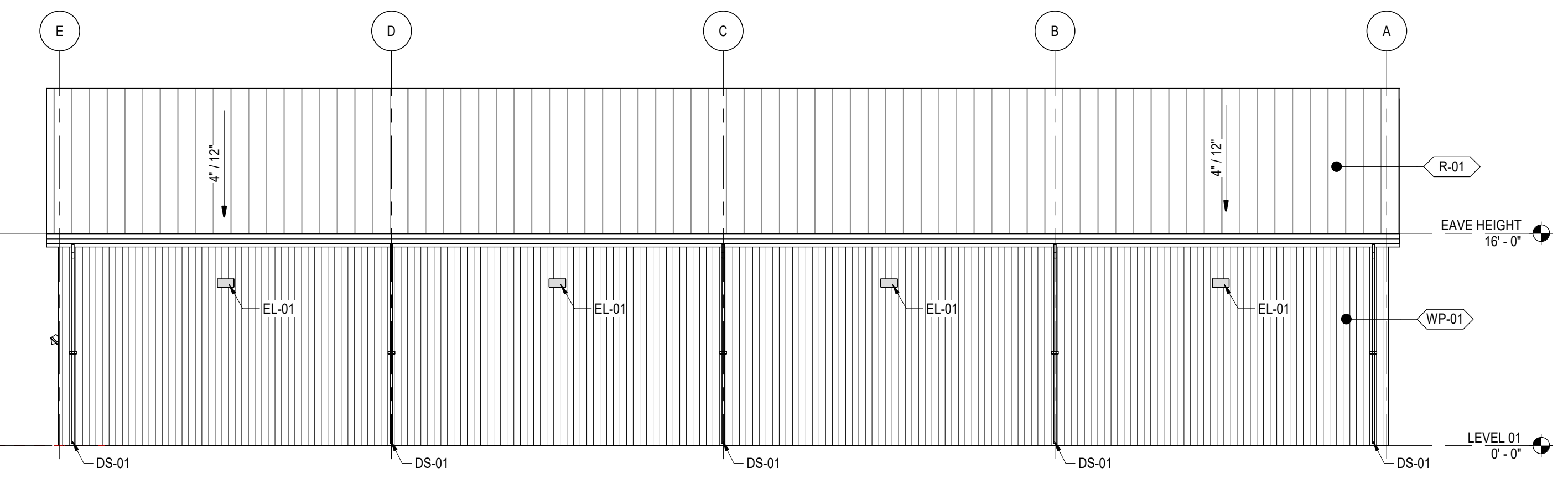
## EXTERIOR FINISH KEYNOTES

TAG	MATERIAL
DR-01	EXTERIOR DOOR - SEE DOOR SCHEDULE
DS-01	26 GAUGE PRE-ENGINEERED EAVE GUTTER (MIN 5' X 5') AND DOWNSPOUT (MIN 2' X 3') WITH STANDARD PAINTED FINISH
EL-01	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL
SF-0X	EXTERIOR STOREFRONT SYSTEM - SEE STOREFRONT ELEVATIONS
W-01	EXTERIOR WINDOWS - SEE WINDOW ELEVATIONS
S	LETTER 'S' ON GLAZING INDICATES LOCATION OF SAFETY GLAZING, SEE A-820 FOR FURTHER INFORMATION.
RF-01	PRE-ENGINEERED RAKE FASCIA SYSTEM, 26GA. WITH STANDARD PAINTED FINISH

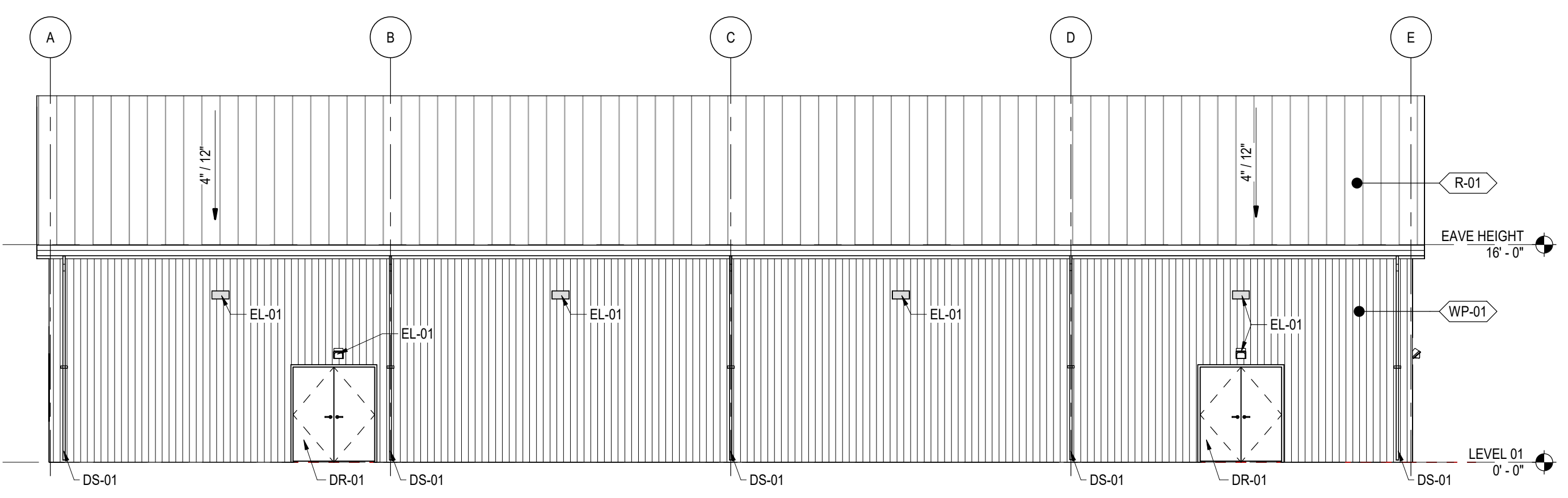
PROJECT NUMBER: 25-033  
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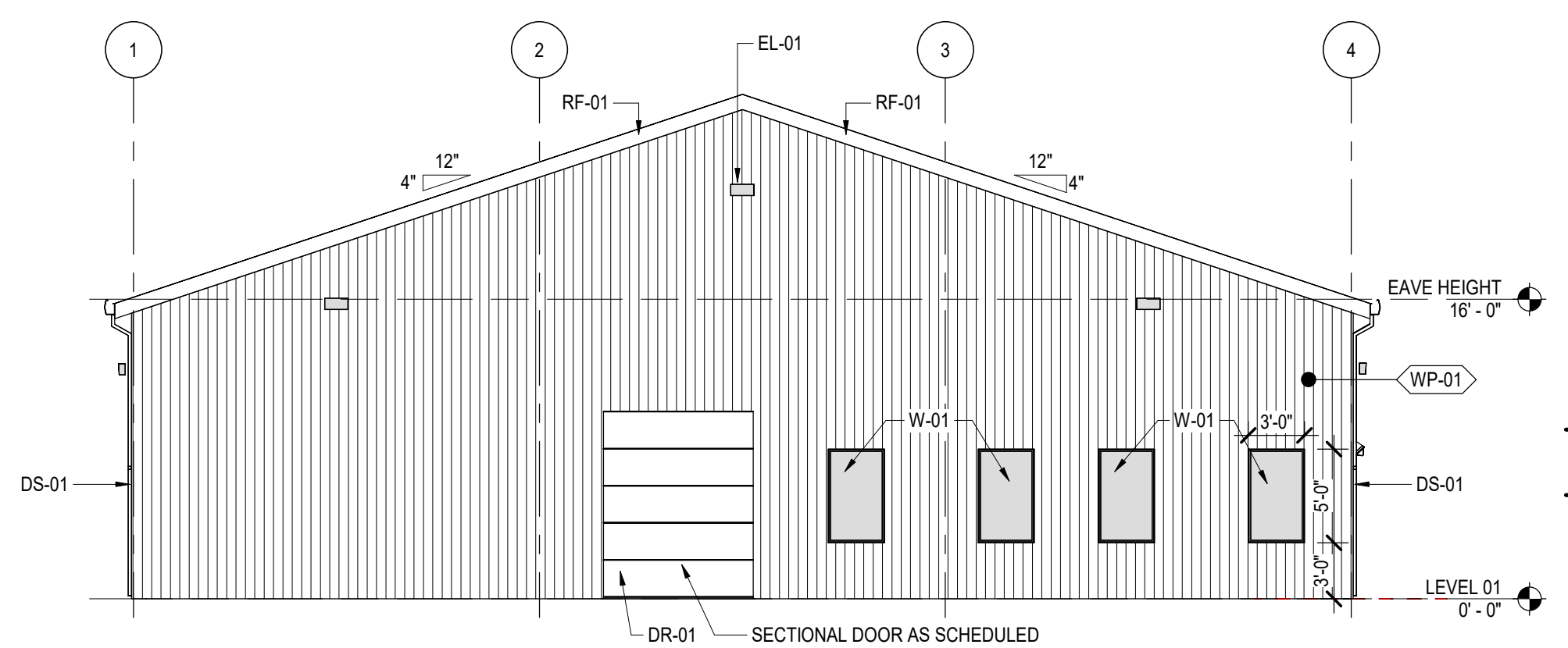
**3 NORTH**  
 A-301 | 1/4" = 1'-0"



**2 WEST**  
 A-301 | 1/8" = 1'-0"



**1 EAST**  
 A-301 | 1/8" = 1'-0"



**4 SOUTH**  
 A-301 | 1/8" = 1'-0"

## ELEVATION NOTES

- COORDINATE BUILDING SIGNAGE LOCATIONS AND SIGNAGE WITH OWNER. REFER TO ELECTRICAL DRAWINGS FOR SCHEDULE AND LOCATION.
- MATERIAL MANUFACTURERS AND COLORS INDICATED ON DRAWINGS ARE SUBJECT TO CHANGE DURING THE CONSTRUCTION PROCESS. ANY DEVIATIONS FROM APPROVED PLANS SHALL BE SUBMITTED FOR APPROVAL.

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 CONINGTON, GA 30106

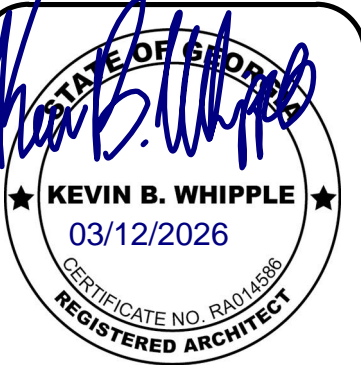
EXTERIOR ELEVATIONS

**A-301**

ISSUED FOR CONSTRUCTION

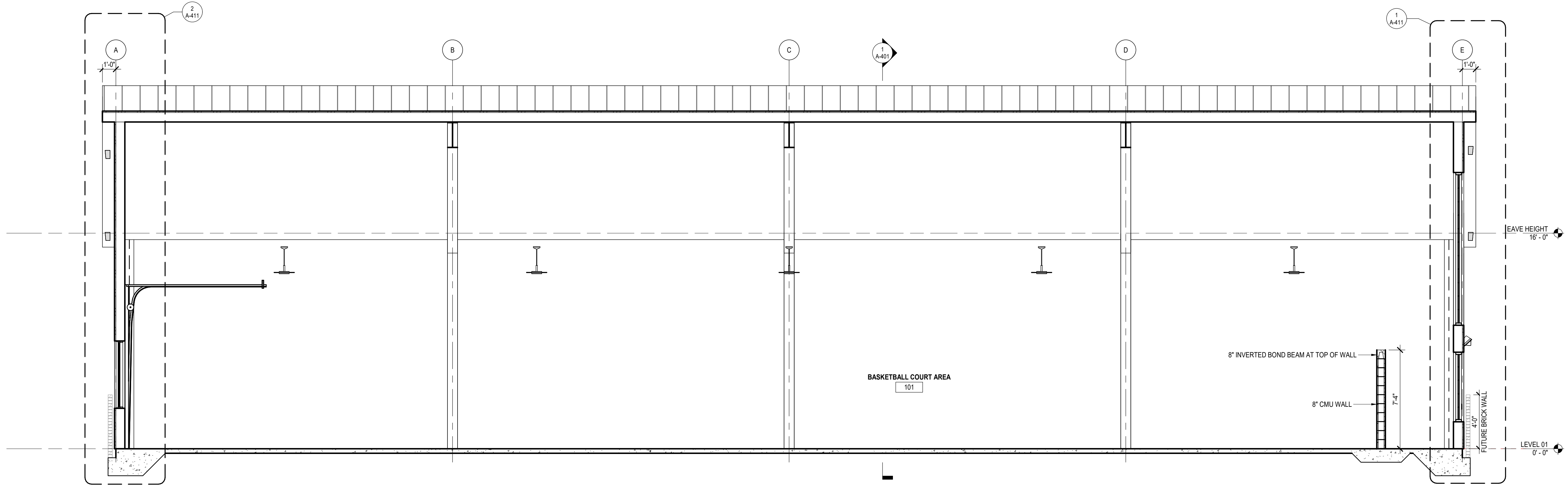
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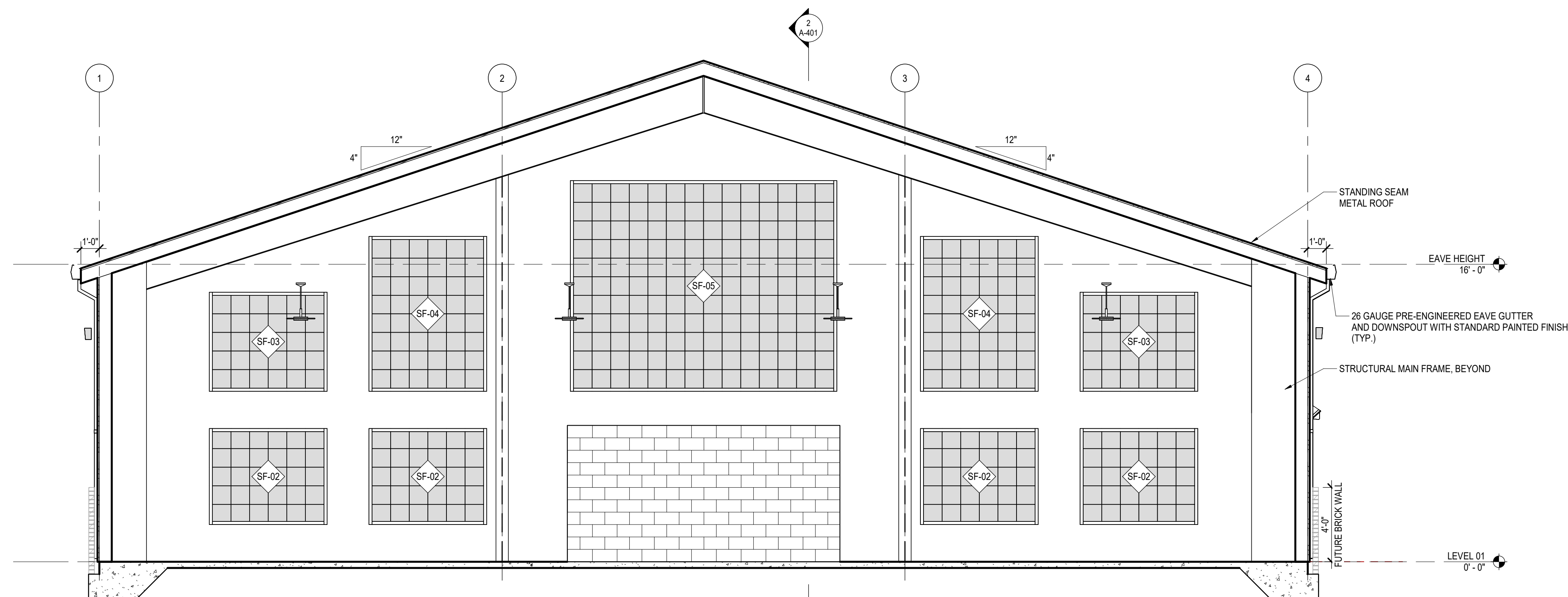


PROJECT NUMBER: 25-033

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**2 LONGITUDINAL SECTION**  
 A-401 | 1/4" = 1'-0"



**1 TRANSVERSE SECTION**  
 A-401 | 1/4" = 1'-0"

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 CONINGTON, GA 30106

BUILDING SECTIONS

**A-401**

ISSUED FOR CONSTRUCTION

# ALPHA BLDG SET 06-17-2026

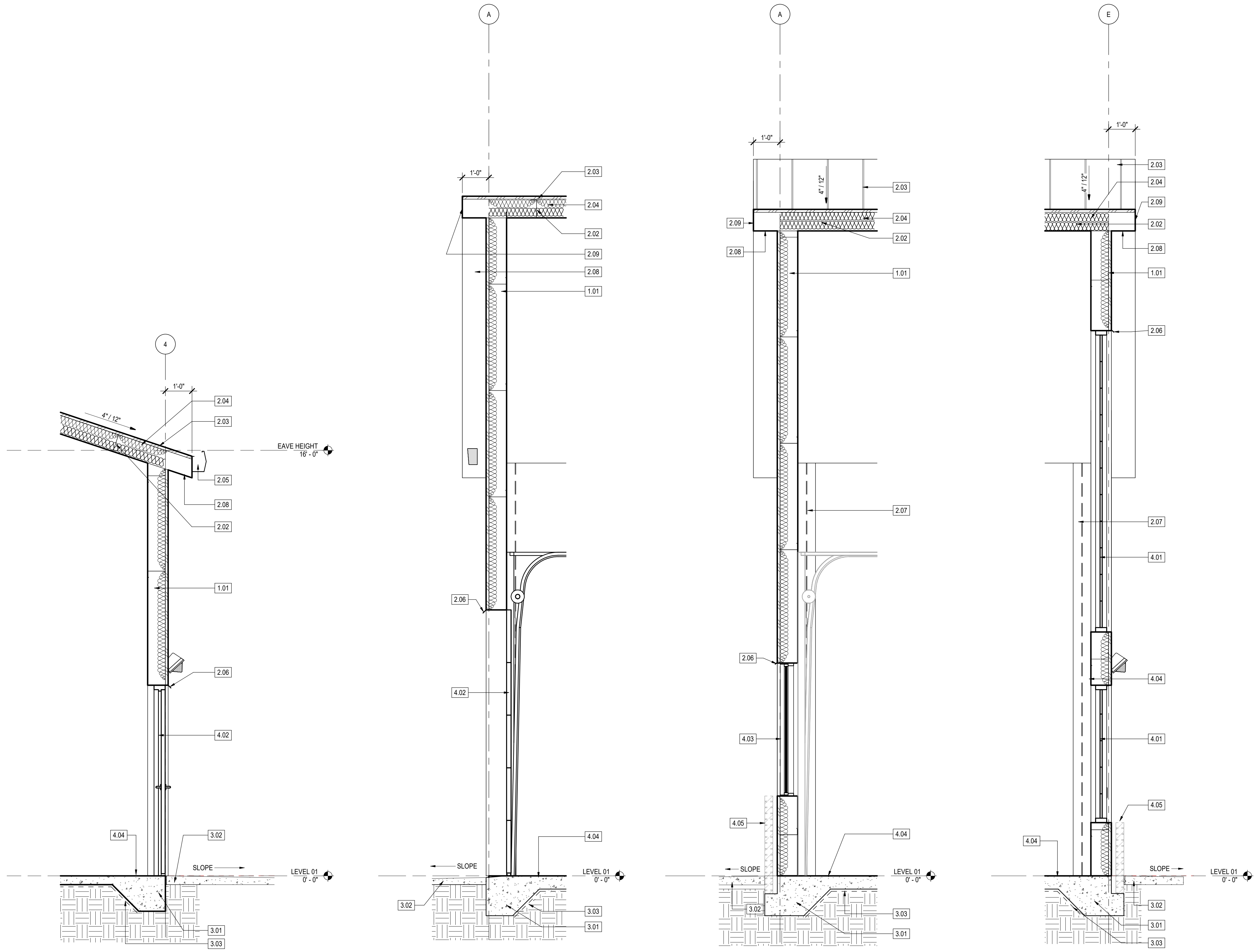
## WALL SECTION KEYNOTES

- 1.01 8" GIRT WALL WITH R-19 FACED INSULATION AND EXTERIOR VERTICAL WALL PANEL AS SCHEDULED
- 2.01 PEMB MAIN FRAME; PROVIDED BY PEMB SUPPLIER
- 2.02 8" Z-PURLINS; PROVIDED BY PEMB SUPPLIER
- 2.03 STANDING SEAM MTL. ROOF PROVIDED BY PEMB SUPPLIER
- 2.04 R-25 + R-11 FILLED CAVITY ROOF INSULATION; PROVIDED BY PEMB SUPPLIER
- 2.05 26 GAUGE PRE-ENGINEERED EAVE GUTTER (MIN 5" X 5") AND DOWNSPOUT (MIN 2" X 3") WITH STANDARD PAINTED FINISH
- 2.06 J MOLD OR EQUAL AT WINDOW / DOOR HEADERS PROVIDED BY PEMB SUPPLIER
- 2.07 PRE-ENGINEERED STEEL COLUMN / MAINFRAME, SEE PEMB SHOP DRAWINGS (BY OTHERS)
- 2.08 PREFINISHED SOFFIT PANELS PROVIDED BY PEMB SUPPLIER
- 2.09 PRE-ENGINEERED RAKE FASCIA SYSTEM, 26GA. WITH STANDARD PAINTED FINISH
- 3.01 FOUNDATION; SEE STRUCTURE FOR FURTHER INFORMATION
- 3.02 CONCRETE SIDEWALK, COORDINATE EXTENTS W/ CIVIL, SLOPE AWAY FROM THE BUILDING
- 3.03 10 MIL VAPOR BARRIER OVER PREPARED SUBGRADE; SEE STRUCTURAL FOR ADDITIONAL DETAILS
- 4.01 SCHEDULED STOREFRONT; SEE A-702 FOR FURTHER INFORMATION
- 4.02 SCHEDULED DOOR; SEE A-8.1 FOR FURTHER INFORMATION
- 4.03 SCHEDULED WINDOW; SEE A-8.3 FOR FURTHER INFORMATION
- 4.04 PREP FLOOR FOR FUTURE FINISH UNDER SEPARATE PERMIT
- 4.05 FUTURE BRICK VENEER WAINSCOT



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**4 WALL SECTION D**  
A-411 | 1/2" = 1'-0"

**3 WALL SECTION C**  
A-411 | 1/2" = 1'-0"

**2 WALL SECTION B**  
A-411 | 1/2" = 1'-0"

**1 WALL SECTION A**  
A-411 | 1/2" = 1'-0"

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 CONINGTOWN, GA 30116

WALL SECTIONS

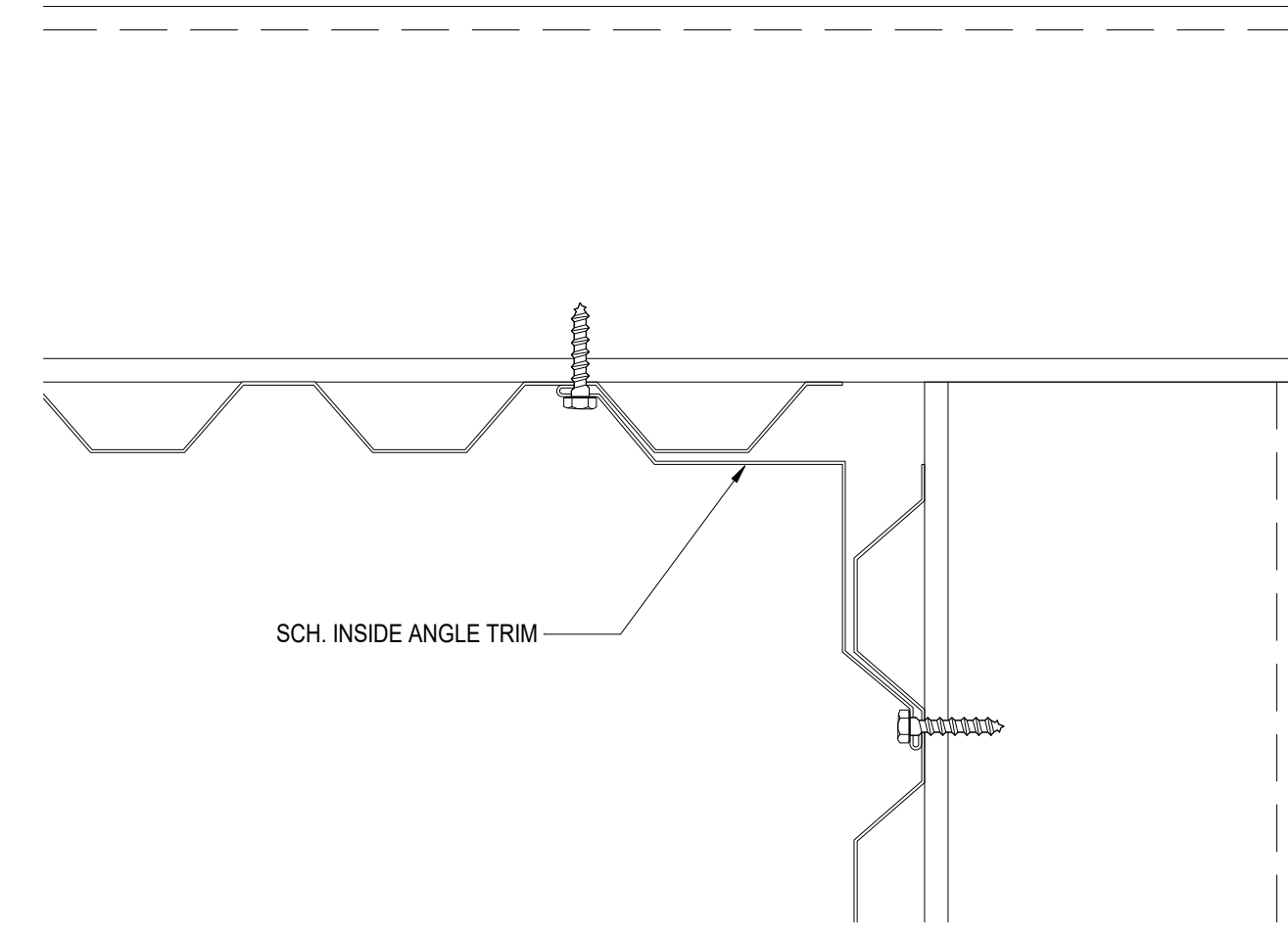
**A-411**

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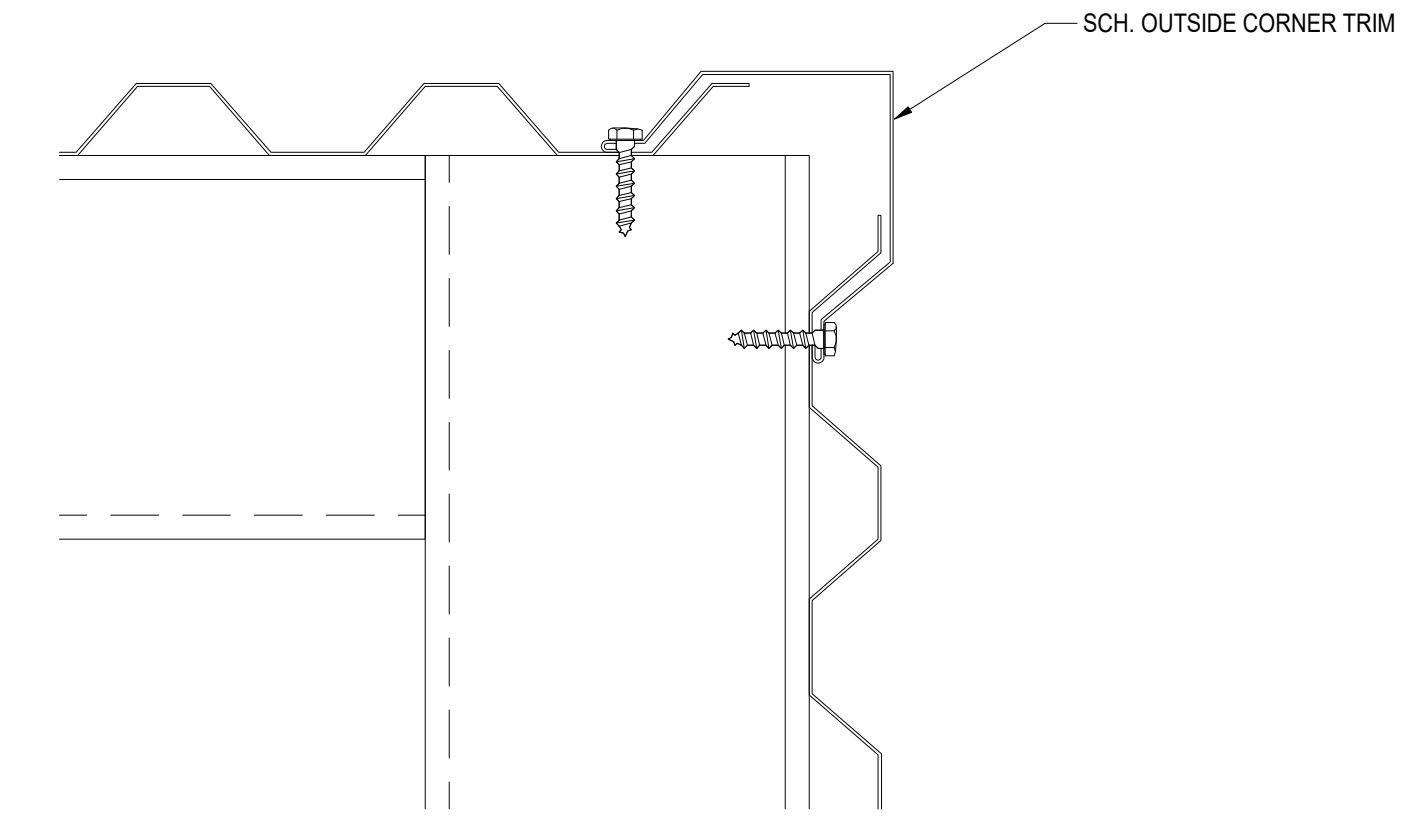


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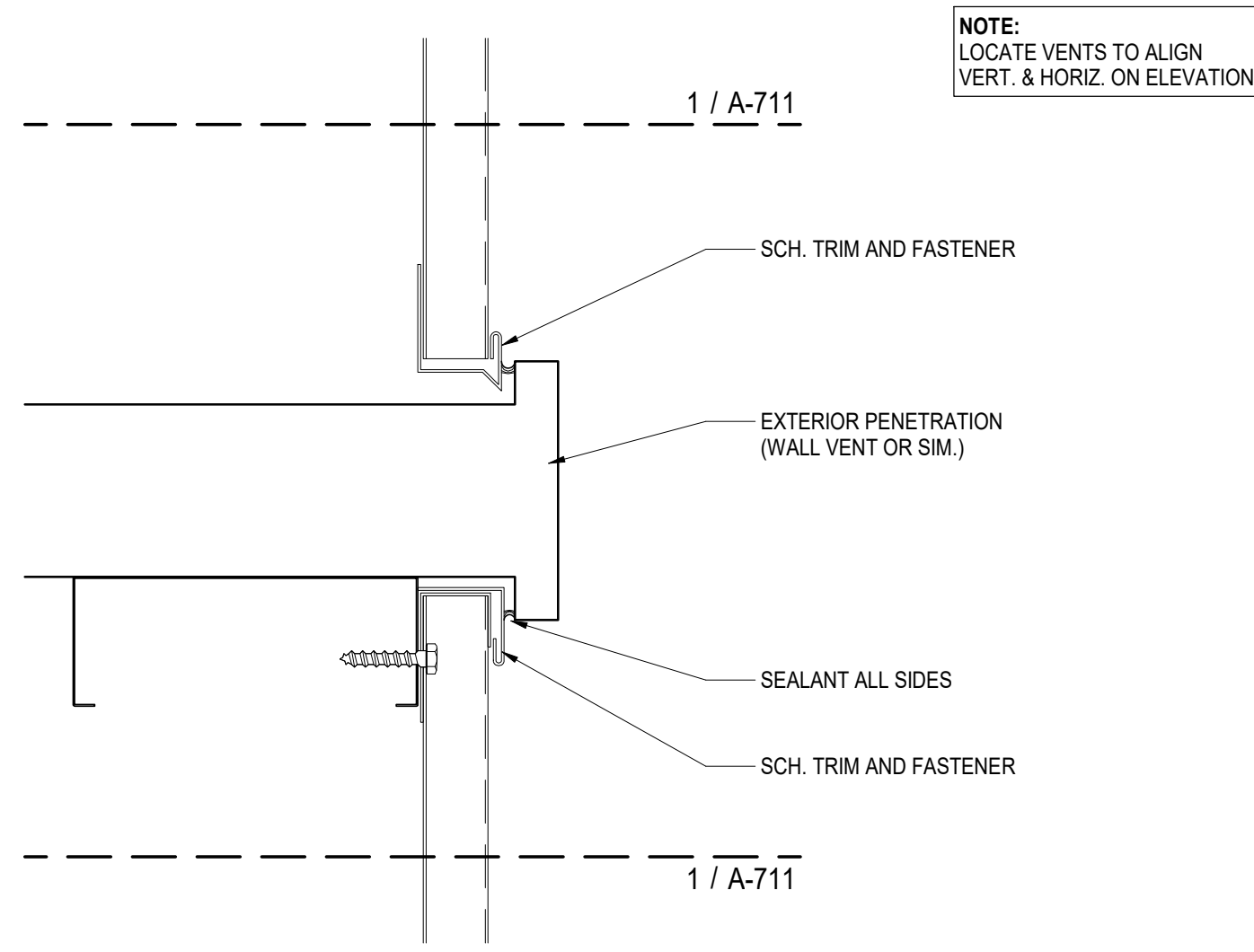


**10** ENLARGED PLAN - ZEE, VERT. MWP @ INSIDE CORNER  
 A-711 | 3" = 1'-0"

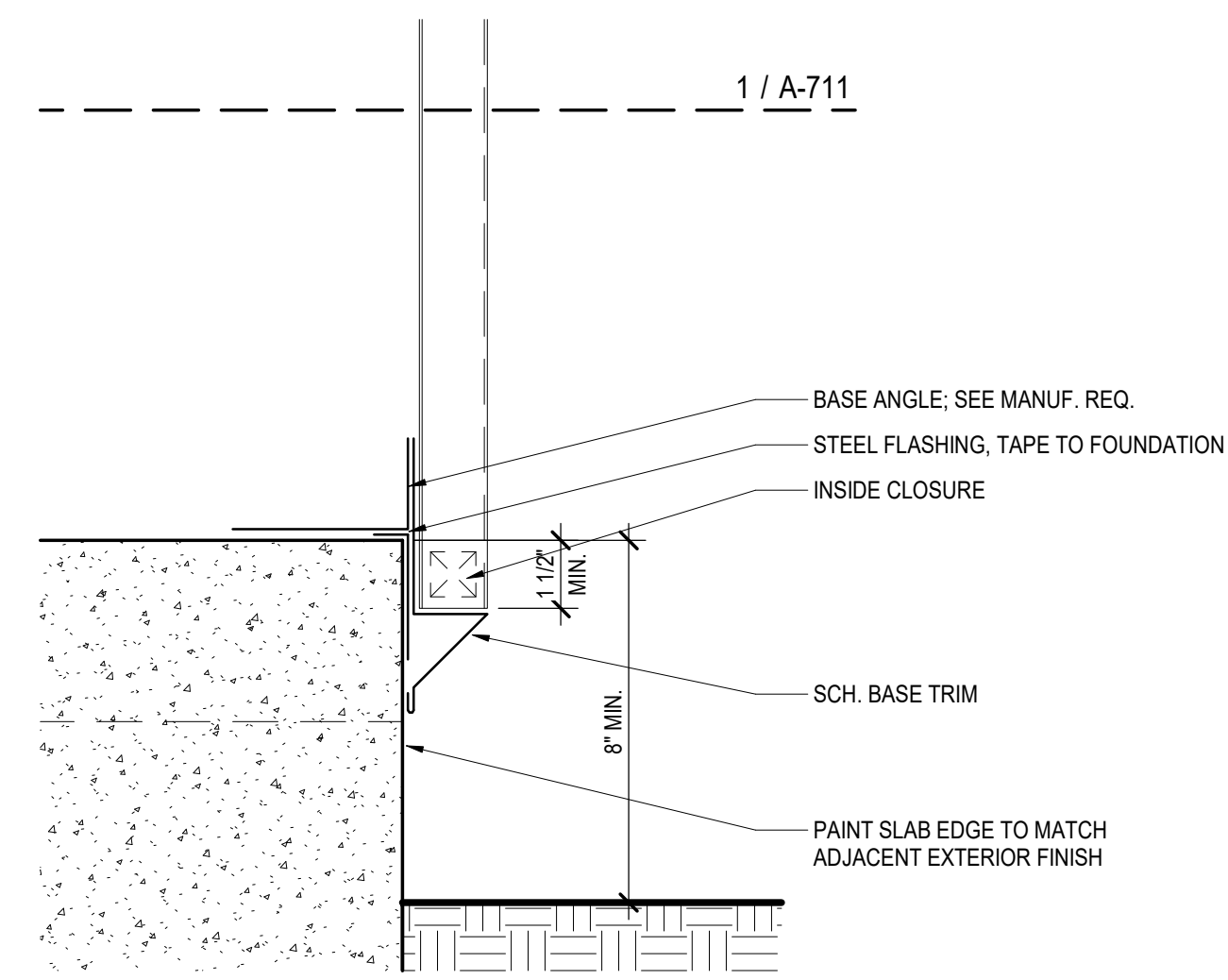


**9** ENLARGED PLAN - ZEE, VERT. MWP @ OUTSIDE CORNER  
 A-711 | 3" = 1'-0"

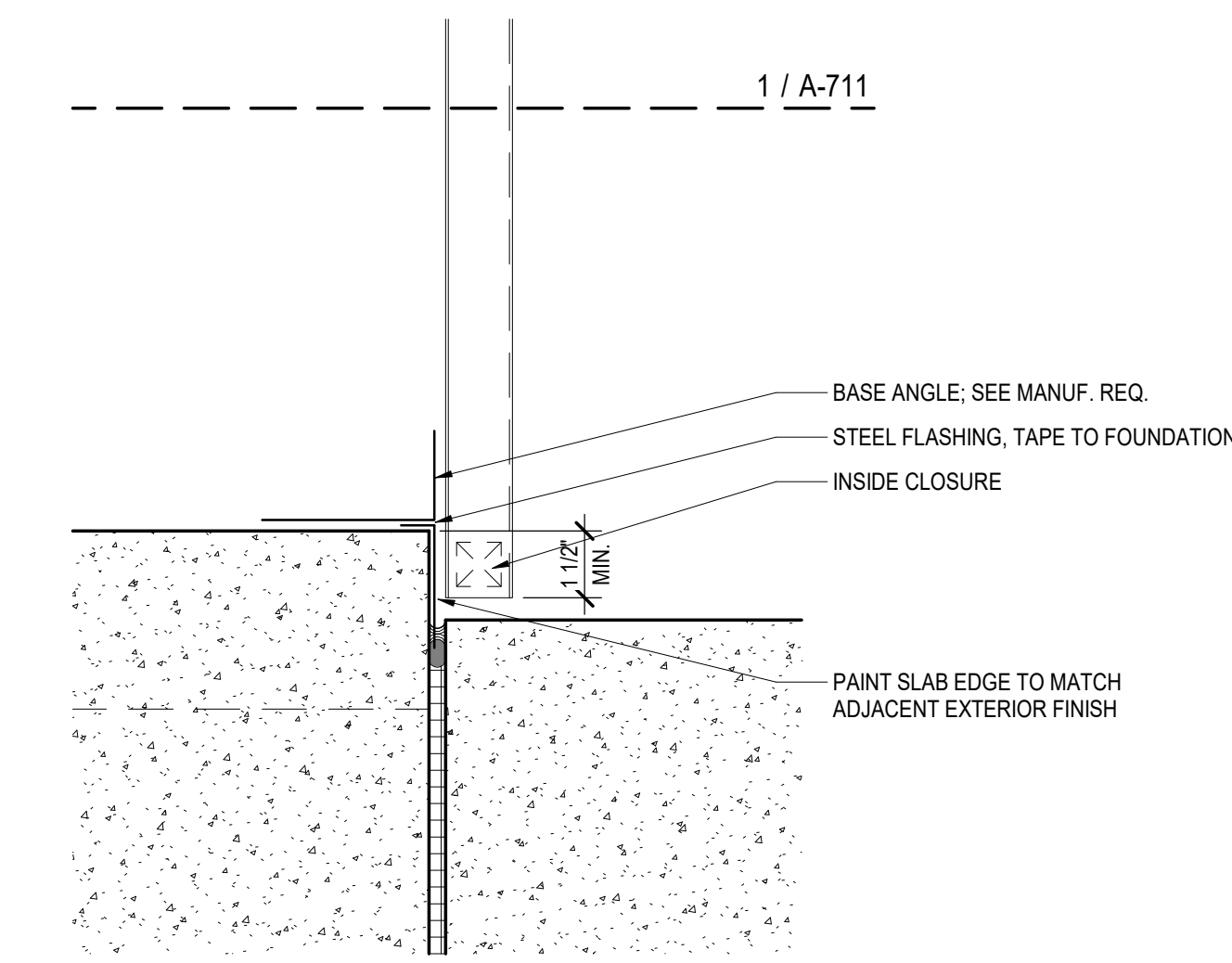
# ALPHA BLDG SET 06-17-2026



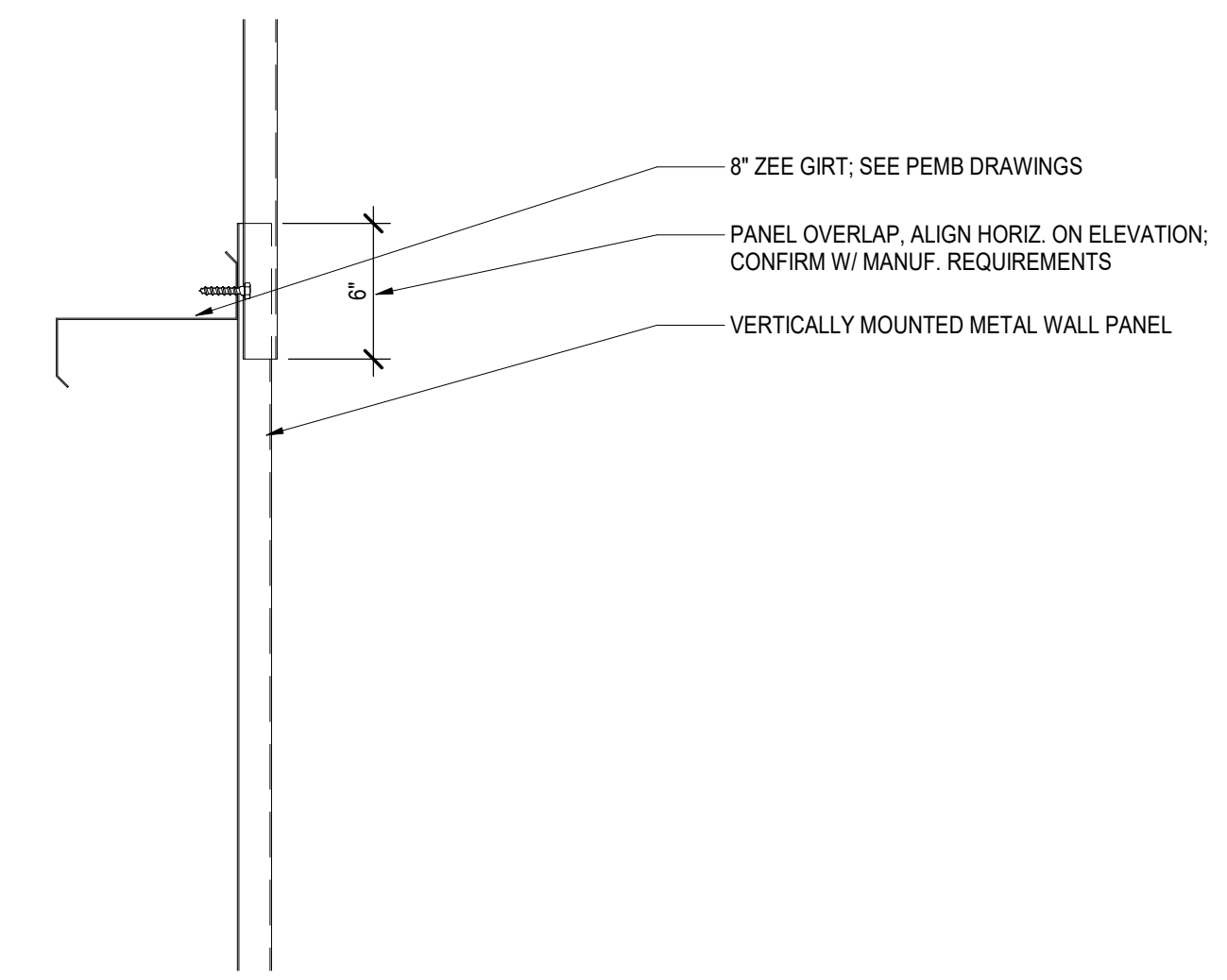
**4** ENLARGED SECTION - ZEE, VERT. MWP @ PENETRATION  
 A-711 | 3" = 1'-0"



**3** ENLARGED SECTION - ZEE, VERT. MWP @ GRADE  
 A-711 | 3" = 1'-0"



**2** ENLARGED SECTION - ZEE, VERT. MWP @ FOUNDATION  
 A-711 | 3" = 1'-0"



**1** ENLARGED SECTION - ZEE, VERTICAL MWP  
 A-711 | 1 1/2" = 1'-0"

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 COWINGTON, GA 30016

ENLARGED DETAILS - ZEE, VERTICAL MWP

**A-711**  
 ISSUED FOR CONSTRUCTION

**DOOR SCHEDULE**

REV. #	Mark	ROOM	DOOR SIZE			OVHD DOOR HEIGHT	OVHD DOOR WIDTH	DOOR			FRAME			DETAIL			HARDWARE SET	NOTES
			W	H	T			TYPE	MAT.	GL.Z.	TYPE	MAT.	HEAD	JAMB	SILL			
LEVEL 01																		
101A		BASKETBALL COURT AREA	6'-0"	7'-0"	1"			GS	AL/GL	GL-01	SF-01	AL	H3/A-825	J3/A-825	S3/A-825	1	BALANCE OF HARDWARE BY STOREFRONT SUPPLIER	
101B		BASKETBALL COURT AREA	6'-0"	7'-0"	1 3/4"			F	HM	GL-01	HM	HM	H1/A-805	J1/A-805	S1/A-805	2		
101C		BASKETBALL COURT AREA	6'-0"	7'-0"	1 3/4"			F	HM	GL-01	HM	HM	H1/A-805	J1/A-805	S1/A-805	2		
OVHD 1		BASKETBALL COURT AREA	0"	0"	0"	10'-0"	8'-0"	S	-				H2/A-805	J2/A-805	S1/A-805	(none)	MOTOR OPERATED OVERHEAD DOORS	

OHS

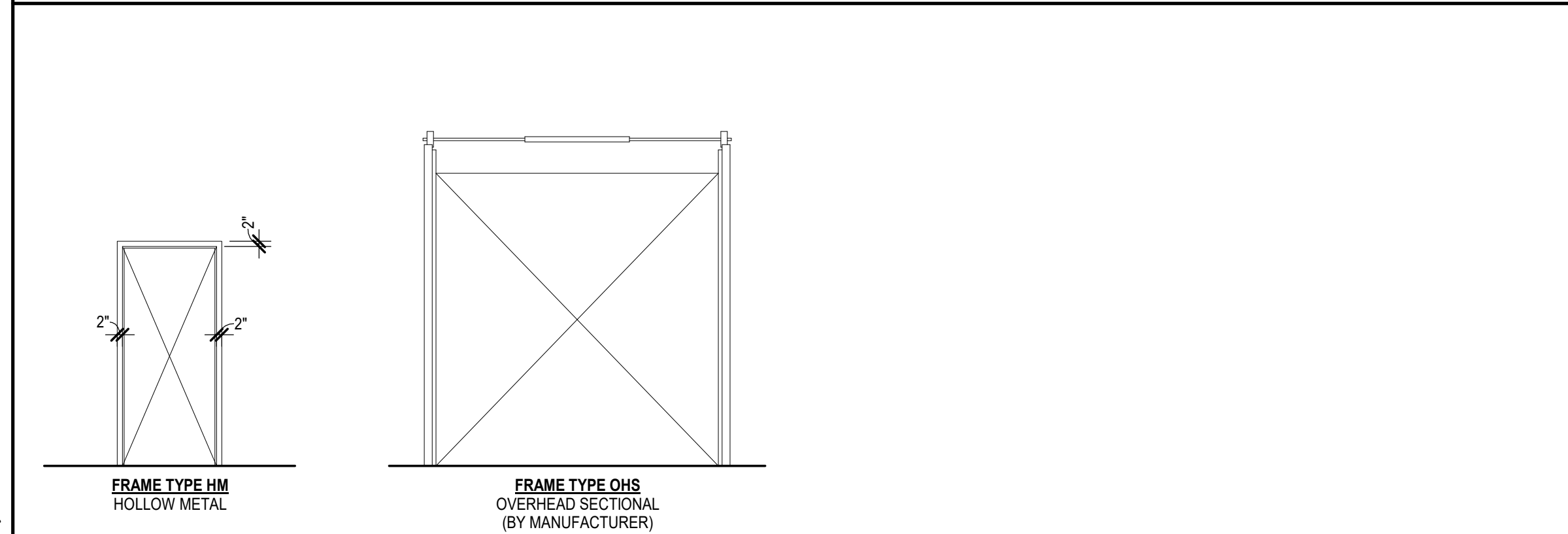
**HARDWARE SCHEDULE**

REV. #	HARDWARE SET	OPERATION HARDWARE	PASSAGE SET HANDLES	PANIC HARDWARE	DEADBOLT LOCKSET	DOOR CLOSER	WEATHER STRIPPING	ADA THRESHOLD	KICK PLATE	COMMENTS
1		CONTINUOUS HINGE, RIM CYLINDER, CLOSER		PULL LEVER, PANIC BAR						
2		CONTINUOUS HINGE, RIM CYLINDER, CLOSER		PULL LEVER, PANIC BAR						

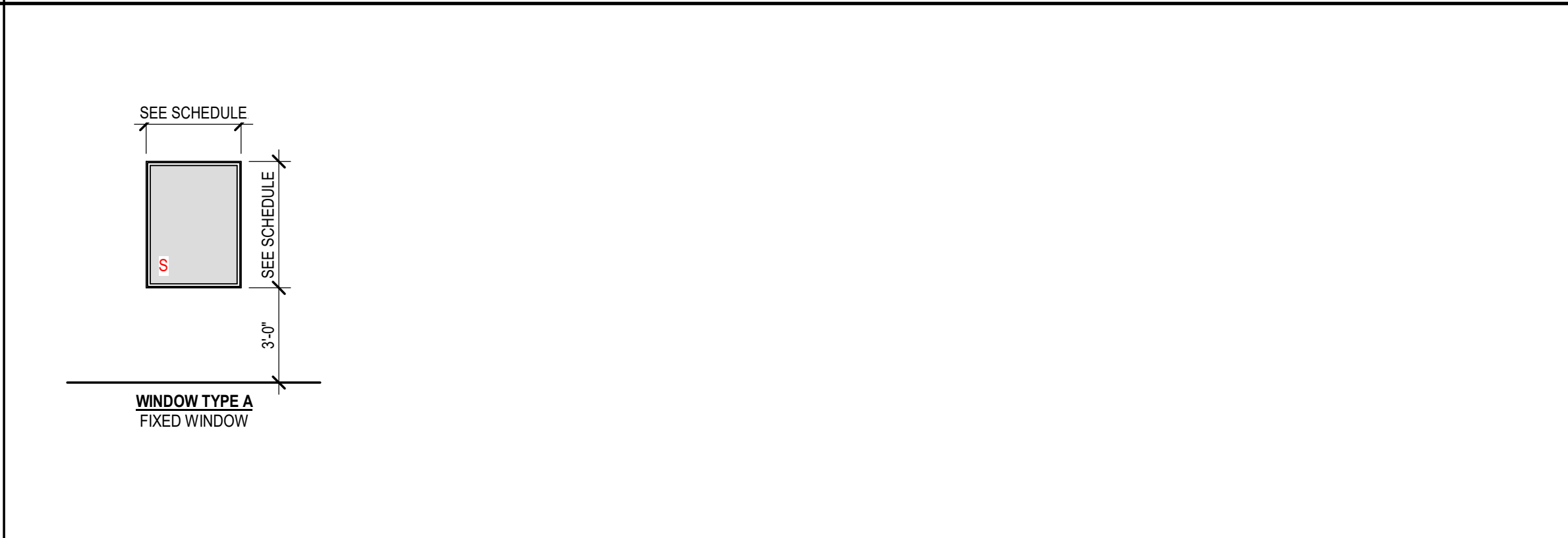
**WINDOW SCHEDULE**

TYPE	OPERATION	SIZE		SILL HEIGHT	MATERIAL	INSULATED GLASS	NOTES
		W	H				
W1	EXTERIOR WINDOW	3'-0"	5'-0"	3'-0"	AL/GL	Yes	
W1	EXTERIOR WINDOW	3'-0"	5'-0"	3'-0"	AL/GL	Yes	
W1	EXTERIOR WINDOW	3'-0"	5'-0"	3'-0"	AL/GL	Yes	
W1	EXTERIOR WINDOW	3'-0"	5'-0"	3'-0"	AL/GL	Yes	

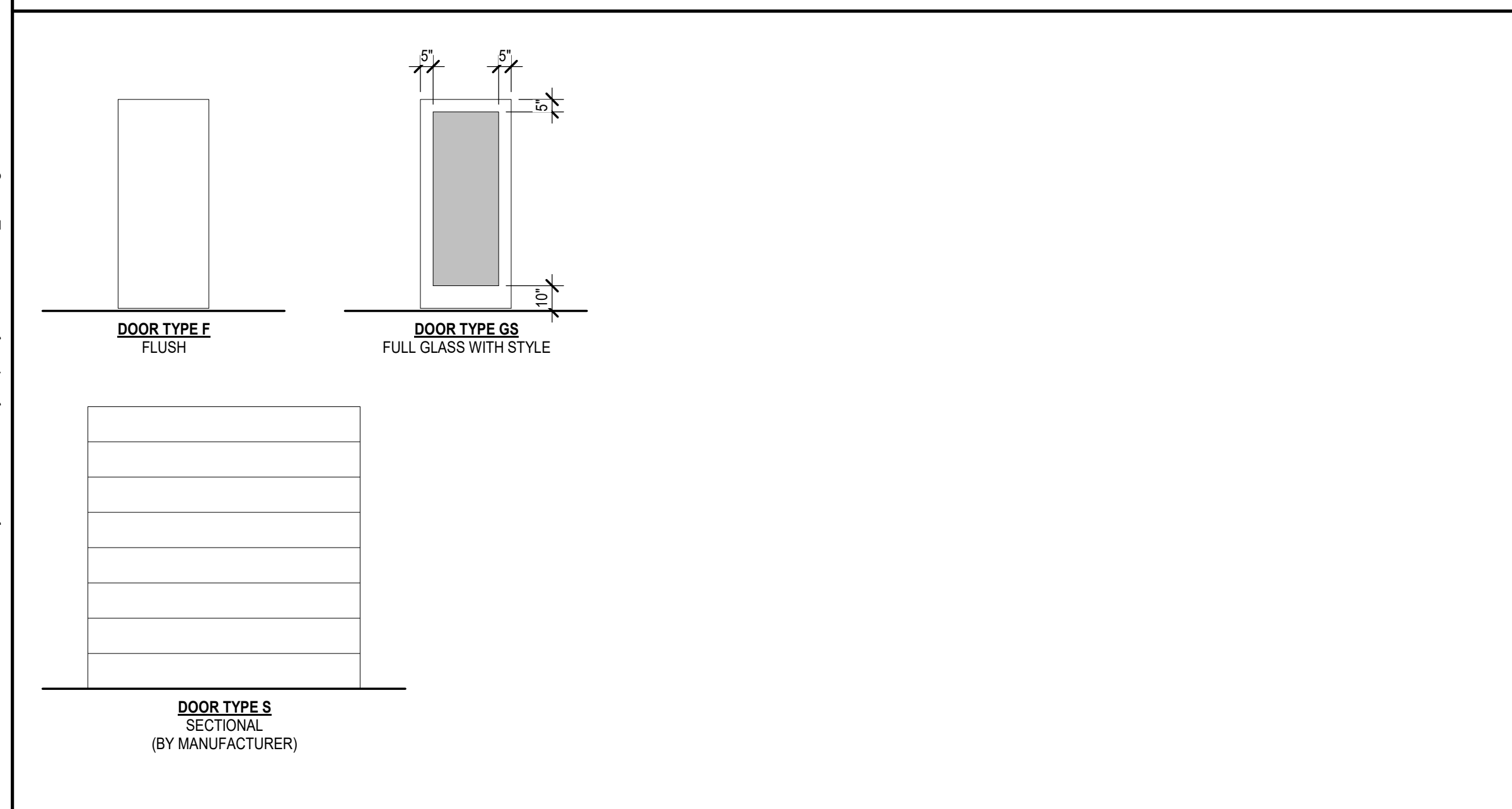
**FRAME TYPES**



**WINDOW ELEVATION**



**DOOR TYPES**



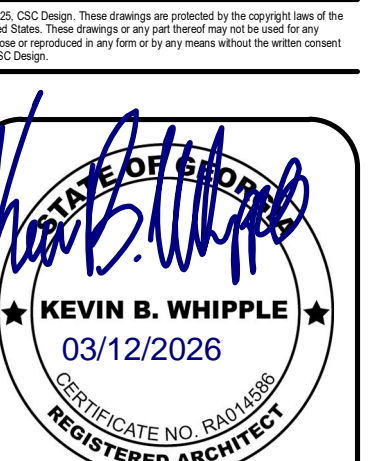
- HCW - HOLLOW-CORE WOOD
- SCW - SOLID-CORE WOOD
- HM - HOLLOW-METAL
- FG - FIBERGLASS
- PTD - PAINTED
- PRF - PRE-FINISHED

**DOOR AND FRAME GENERAL NOTES**

- UNDERCUT THE BOTTOMS OF DOORS TO CLEAR THE TOP OF FINISHED FLOOR, BY 1/2" MAXIMUM, U.N.O. VERIFY SLAB CONDITIONS AND TRIM EACH DOOR TO FIT CONDITION. WHERE RADICAL VARIATIONS IN FLOOR LEVEL EXIST, DOORS SHALL BE ORDERED WITH BOTTOM STILE SIZED TO ACCOMMODATE THESE UNDERCUT CONDITIONS.
- CAULK THE JOINT BETWEEN THE FRAME AND WALL, ALL SIDES, WITH PAINTABLE WHITE LATEX CAULK.
- CONTRACTOR SHALL REVIEW KEYING WITH OWNER PRIOR TO FITTING CYLINDERS. KEY CYLINDERS TO OWNER'S MASTER.
- ALL NEW DOOR HARDWARE IS TO MATCH THE EXISTING MANUFACTURER, STYLE, AND FINISH. CONTRACTOR IS TO FIELD VERIFY THE EXISTING HARDWARE.
- DOOR PANELS SHOWN FOR COORDINATION PURPOSES ONLY. COORDINATE FINAL PANEL DESIGN WITH INTERIOR DESIGN SCOPE.
- LETTER 'T' ON GLAZING INDICATES LOCATION OF SAFETY GLAZING, SEE SCHEDULE FOR LOCATION. SAFETY GLASS TO COMPLY WITH IBC SECTION 2406.
- ALL GLAZING IN EXTERIOR DOORS TO BE SOLARBAN 60 WITH SOLARGRAY TINT MIN SHGC 0.25
- ALL EXTERIOR DOORS SHALL BE INSULATED.
- COORDINATE WITH MECHANICAL REQUIREMENTS FOR REQUIRED UNDERCUT IF ANY.

**WINDOW GENERAL NOTES**

- LETTER 'S' ON GLAZING INDICATES LOCATION OF SAFETY GLAZING, SEE SCHEDULE FOR LOCATION. SAFETY GLASS TO COMPLY WITH IBC SECTIONS 2406 & 2407.
- LETTER 'F' ON SASHES INDICATES THAT IT IS FIXED.
- ALL GLAZING IN EXTERIOR WINDOWS TO BE SOLARBAN 60 WITH SOLARGRAY TINT MIN SHGC 0.25



PROJECT NUMBER: 25-033

REVISIONS	NO.	DATE	ISSUE
	1	03/08/2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
129 ROCKY PLAINS RD  
CONINGTOWN, GA 30016

DOOR & WINDOW SCHEDULE

**A-801**

ISSUED FOR CONSTRUCTION

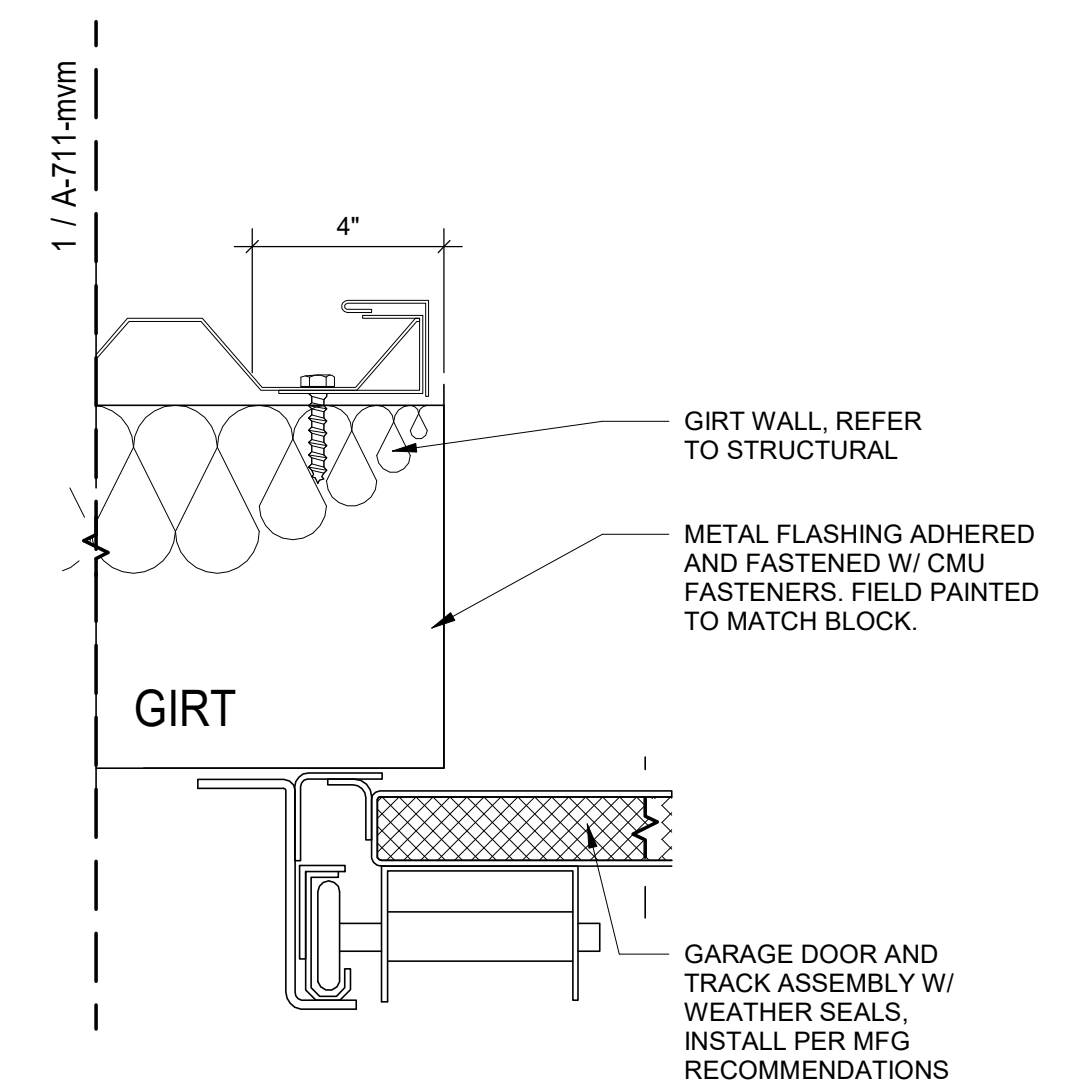


PROJECT NUMBER: 25-033

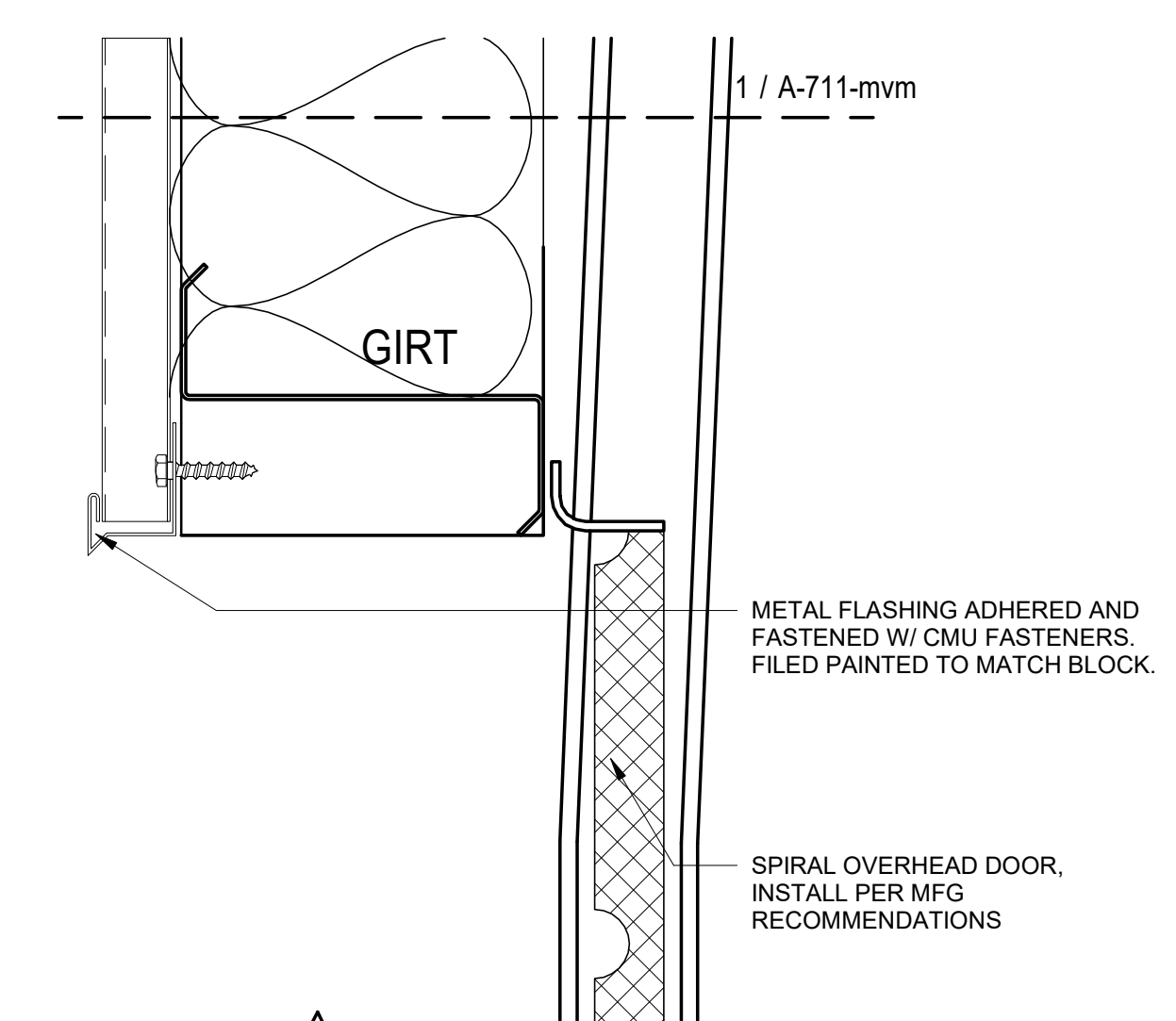
REVISIONS	NO.	DATE	ISSUE
	1	03/09/2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

# ALPHA BLDG SET

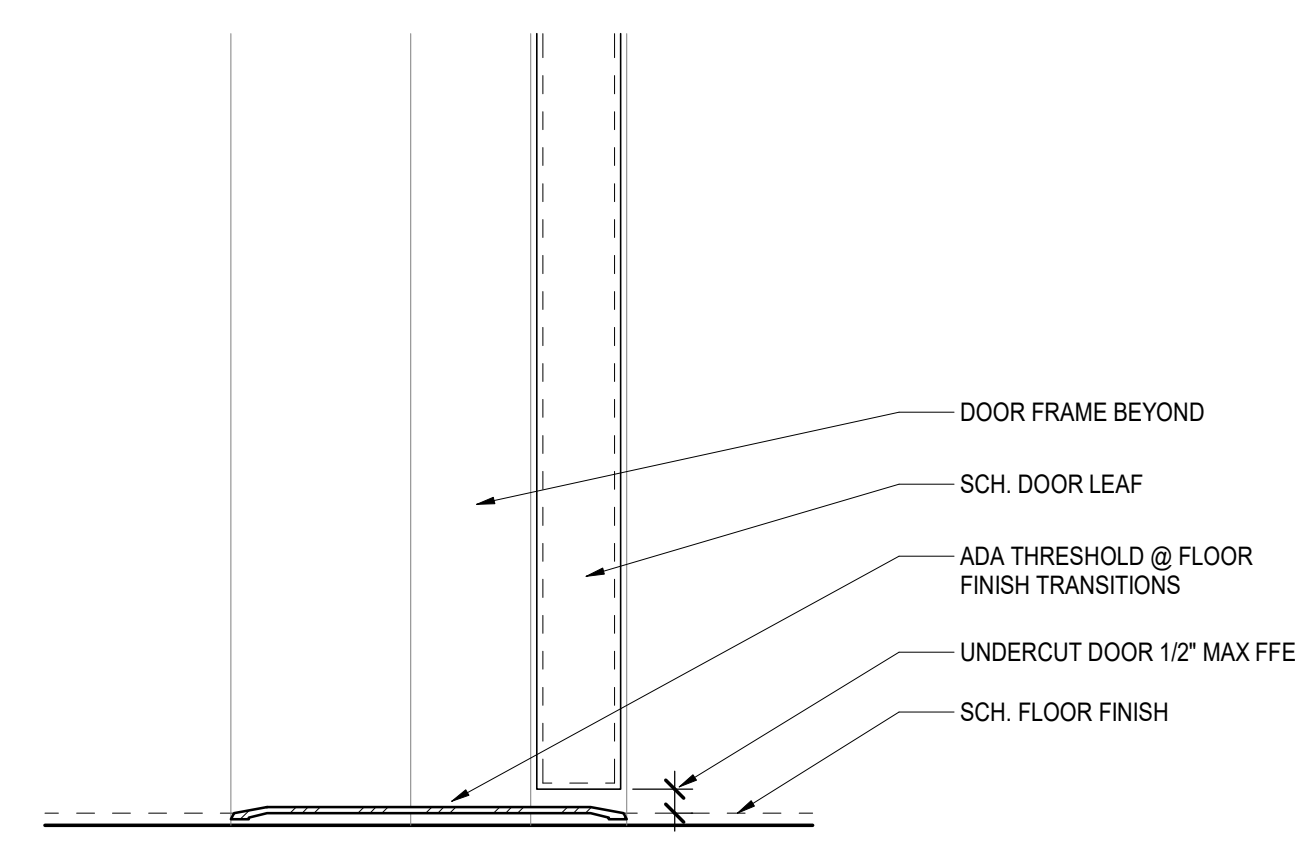
## 06-17-2026



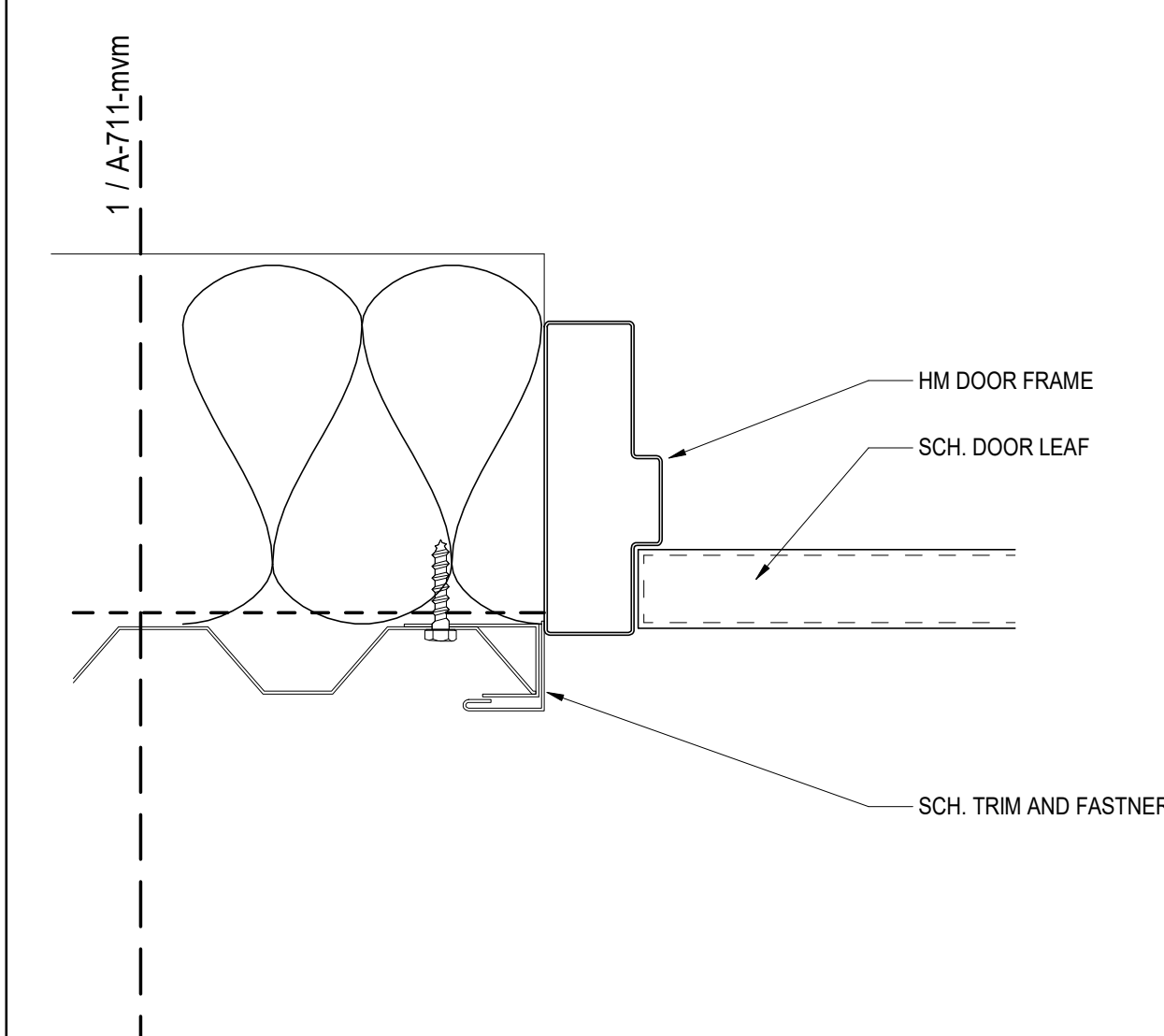
**J2** OVHD JAMB - GIRT, MWP  
A-805 | 3" = 1'-0"



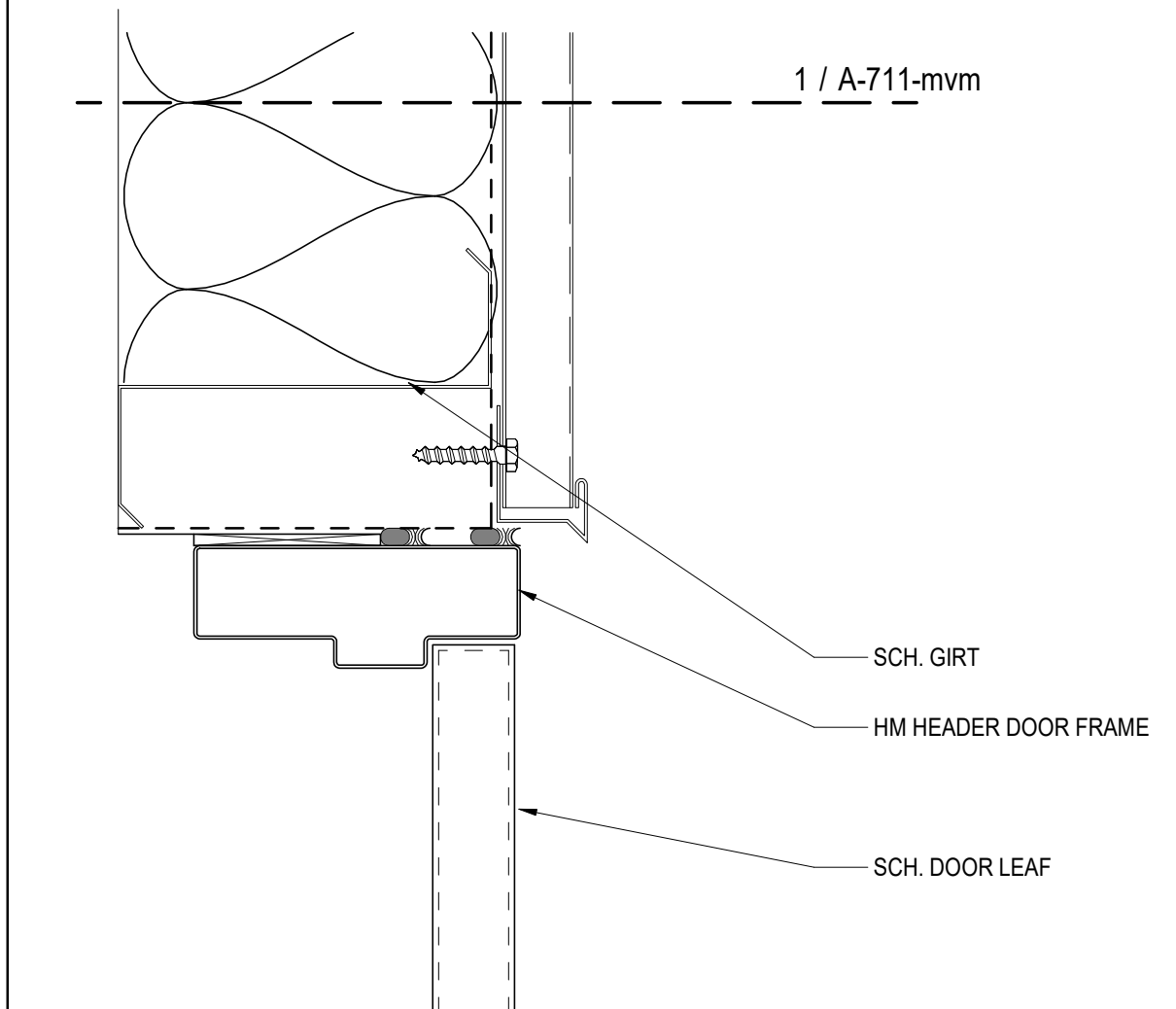
**H2** OVHD HEAD - GIRT, MWP  
A-805 | 3" = 1'-0"



**S1** TYP. DOOR SILL  
A-805 | 3" = 1'-0"



**J1** HM DOOR JAMB - GIRT, VERT. MWP  
A-805 | 3" = 1'-0"



**H1** HM DOOR HEAD - GIRT, VERT. MWP  
A-805 | 3" = 1'-0"

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 CONNINGTON, GA 30106

DOOR HEAD, JAMB & SILL DETAILS

**A-805**

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# ALPHA BLDG SET 06-17-2026

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PROJECT NUMBER: 25-033

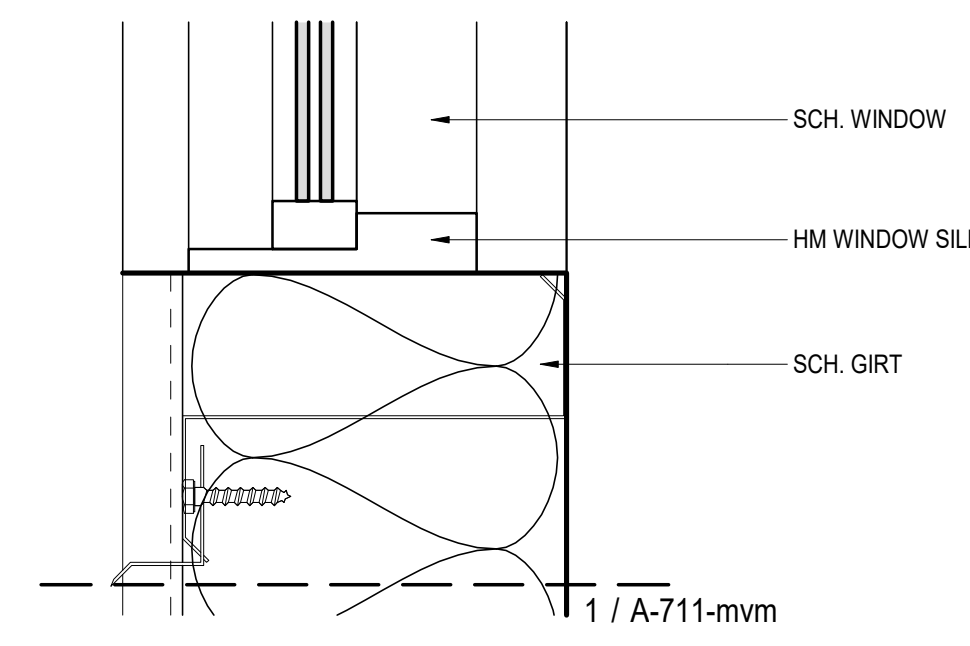
NO.	DATE	ISSUE
1	03/09/2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 COWINGTON, GA 30016

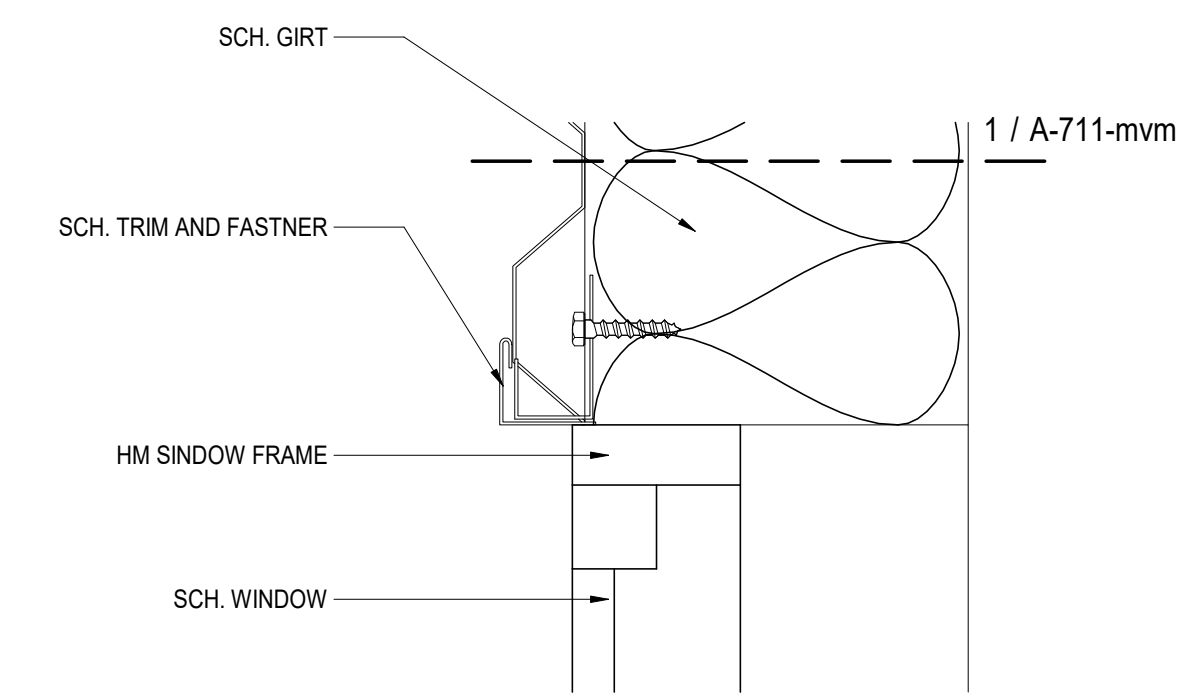
WINDOW HEAD, JAMB & SILL DETAILS

**A-815**

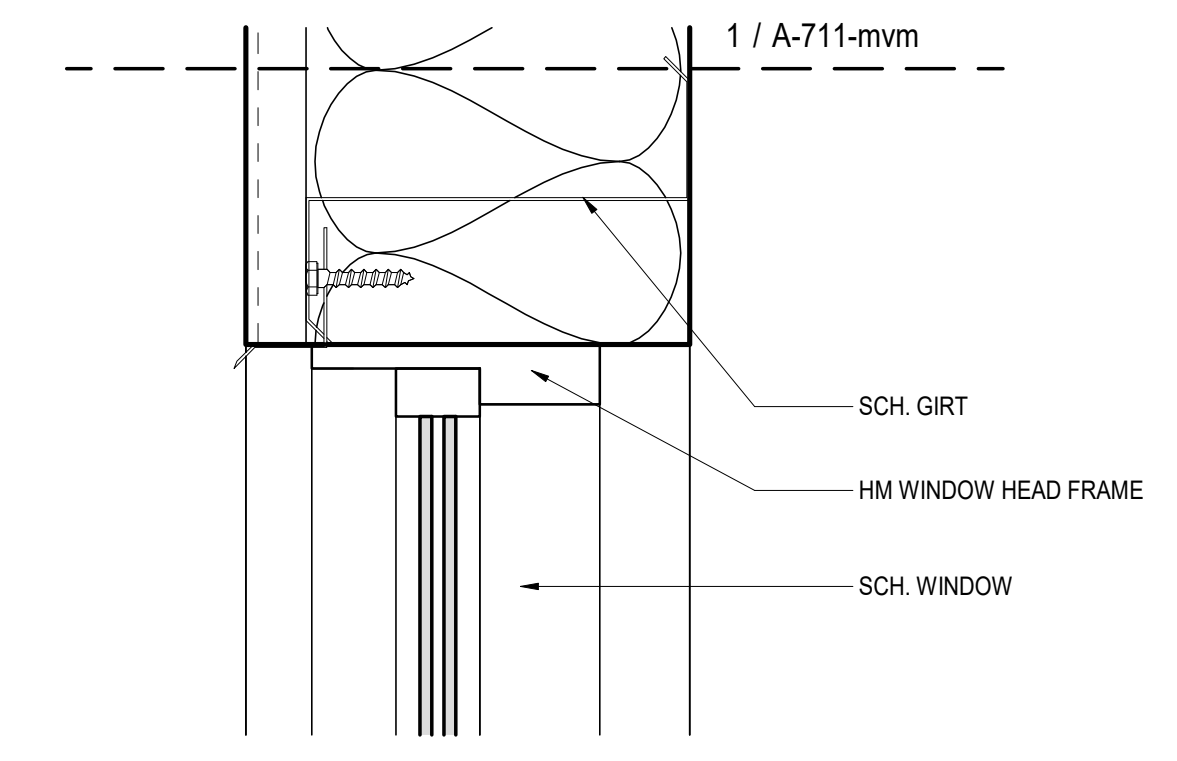
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**2** HM. WINDOW SILL - GIRT, MWP  
 A-815 | 3" = 1'-0"



**3** HM WINDOW JAMB - GIRT, MWP  
 A-815 | 3" = 1'-0"



**1** HM WINDOW HEAD- GIRT, VWP  
 A-815 | 3" = 1'-0"

# ALPHA BLDG SET 06-17-2026

## STOREFRONT GENERAL NOTES

- LETTER 'S' ON GLAZING INDICATES LOCATION OF SAFETY GLAZING, SEE SCHEDULE FOR LOCATION. SAFETY GLASS TO COMPLY WITH IBC SECTIONS 2406 & 2407.
- ALL GLAZING IN EXTERIOR WINDOWS TO BE LOW-E CLEAR GLAZING.



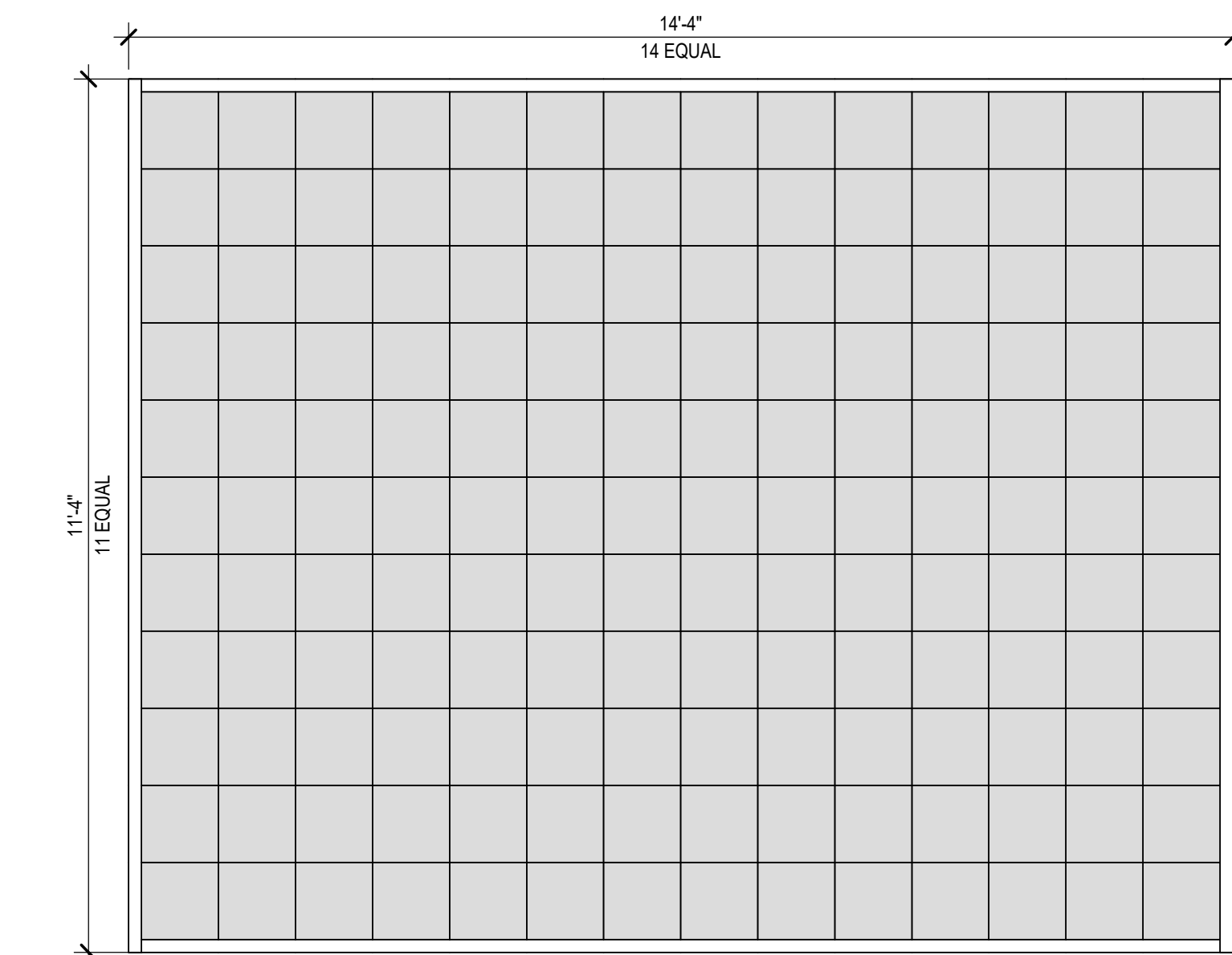
ARCHITECTS & ENGINEERS  
 135 P. ROCKMAN INDUSTRIAL DR.  
 SUITE 100 CANTON, GA 30115  
 Phone: (770) 345-2579

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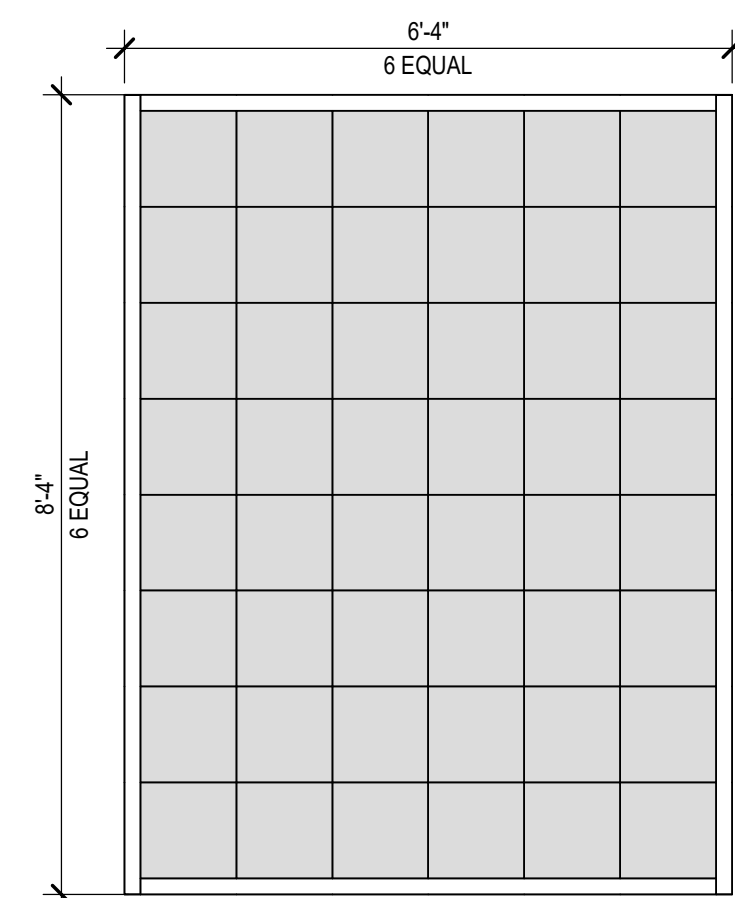


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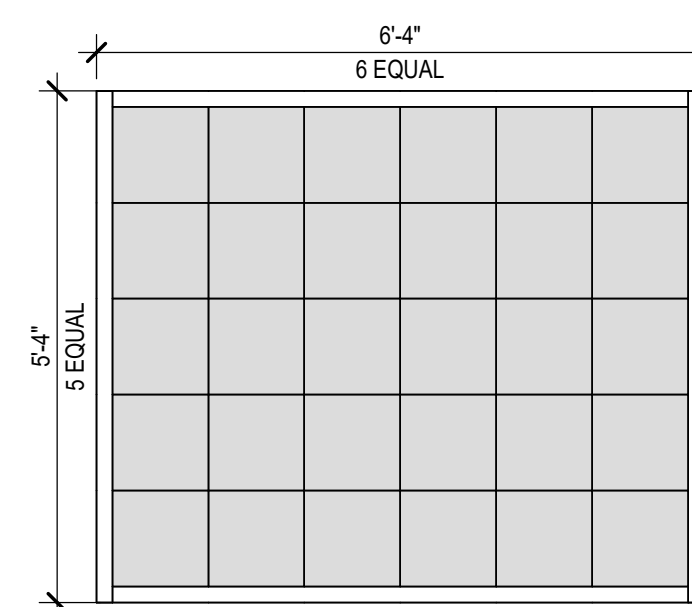
REVISIONS	NO.	DATE	ISSUE
	1	03/09/2026	REVISION 1 (OWNER REQUESTED MODIFICATION)



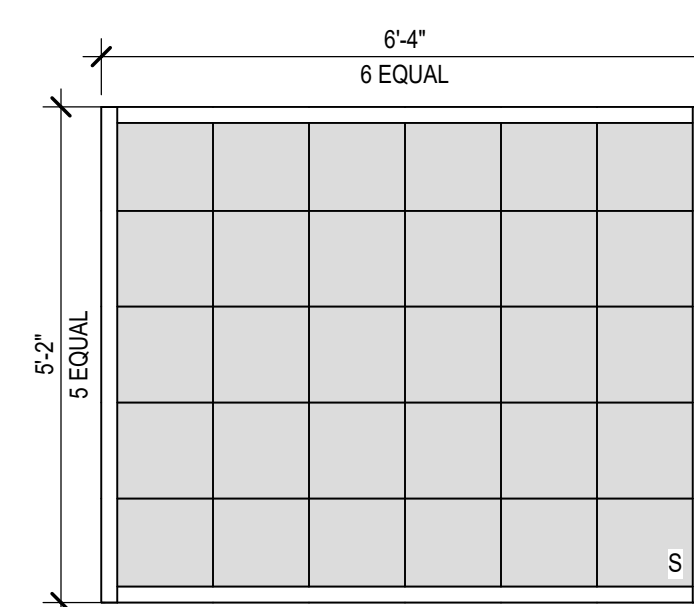
**5 SF-05**  
A-820 | 1/2" = 1'-0"



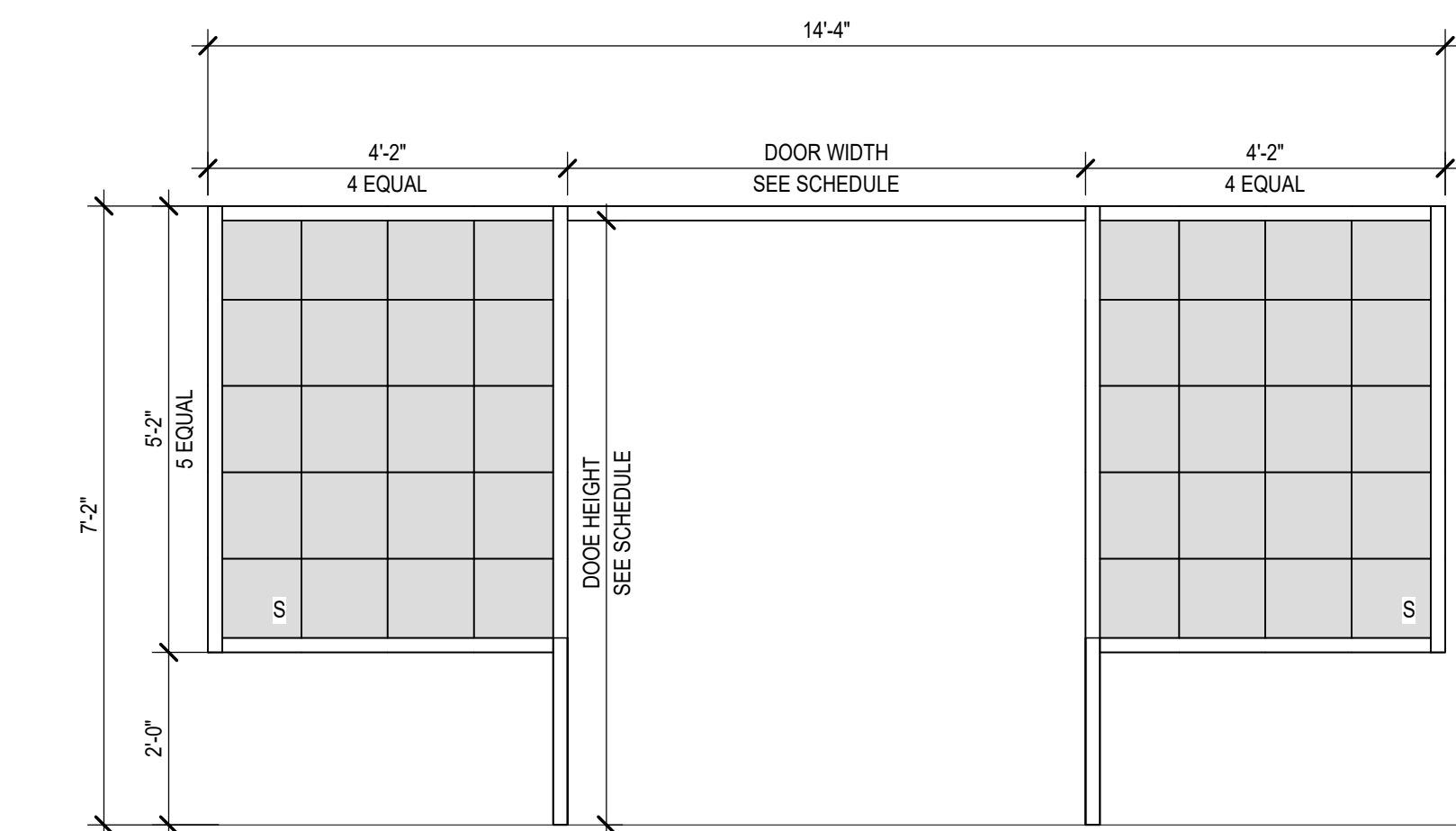
**4 SF-04**  
A-820 | 1/2" = 1'-0"



**3 SF-03**  
A-820 | 1/2" = 1'-0"



**2 SF-02**  
A-820 | 1/2" = 1'-0"



**1 SF-01**  
A-820 | 1/2" = 1'-0"

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 129 ROCKY PLAINS RD  
 COWINGTON, GA 30016

STOREFRONT ELEVATIONS

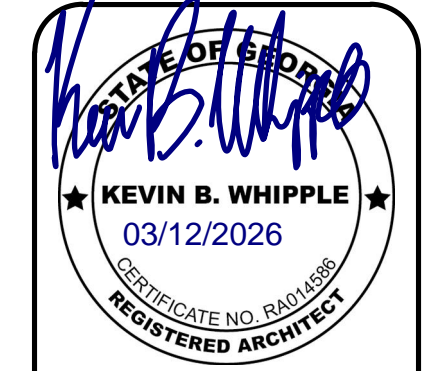
**A-820**

ISSUED FOR CONSTRUCTION

# ALPHA BLDG SET

## 06-17-2026

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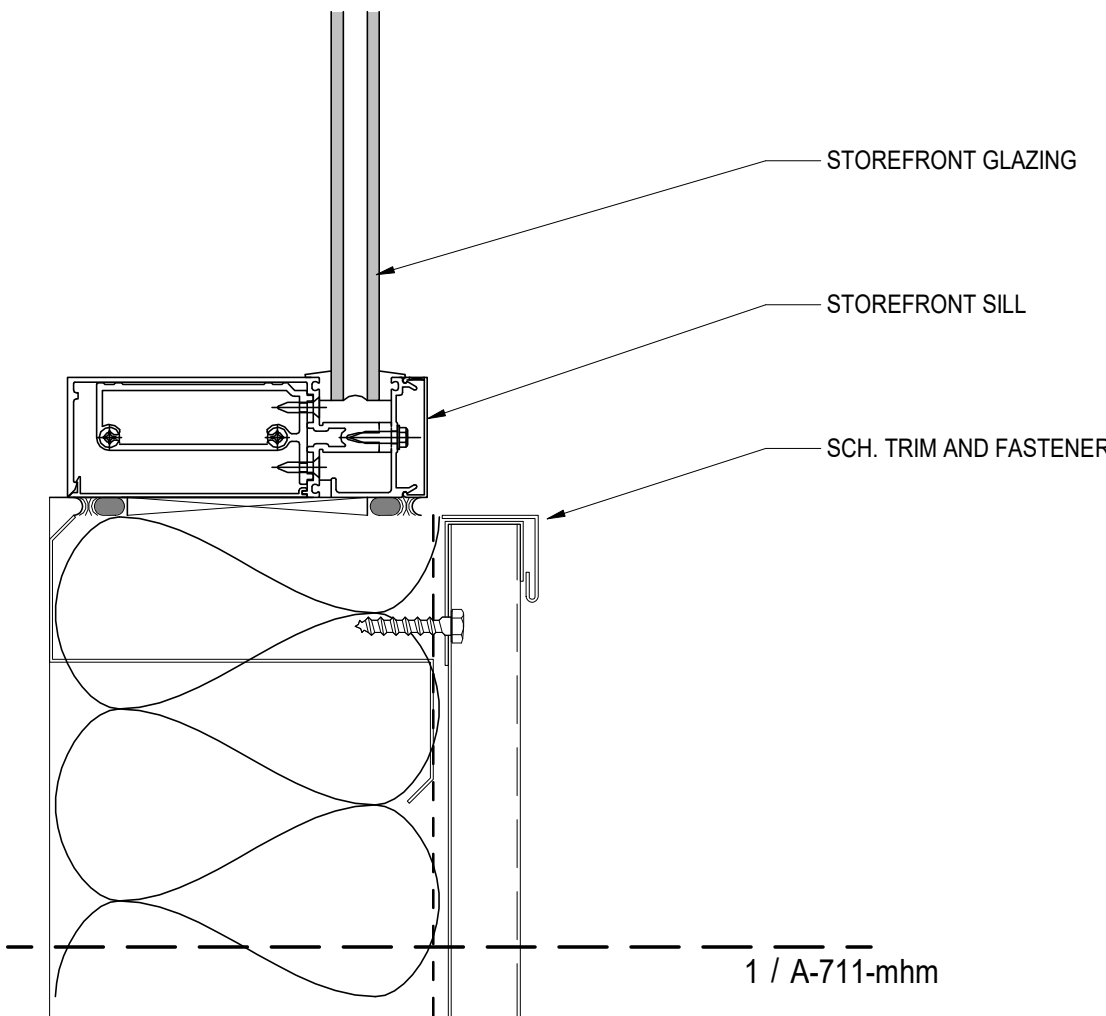
PROJECT NUMBER: 25-033

NO.	DATE	ISSUE
1	03/09/2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

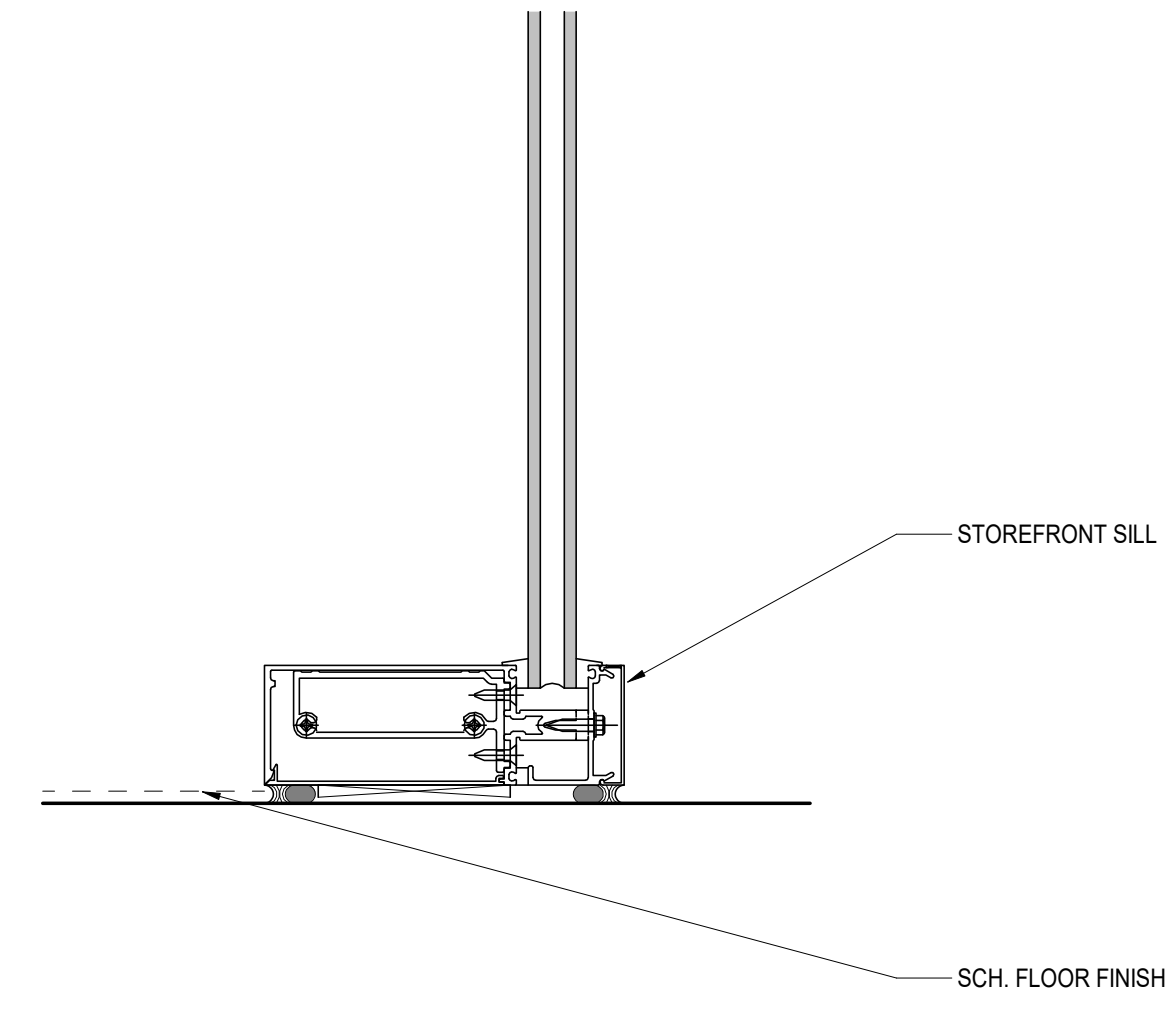
**EARLY HOPE BAPTIST ACTIVITY CENTER**  
129 ROCKY PLAINS RD  
COWINGTON, GA 30016

STOREFRONT HEAD, JAMB & SILL DETAILS

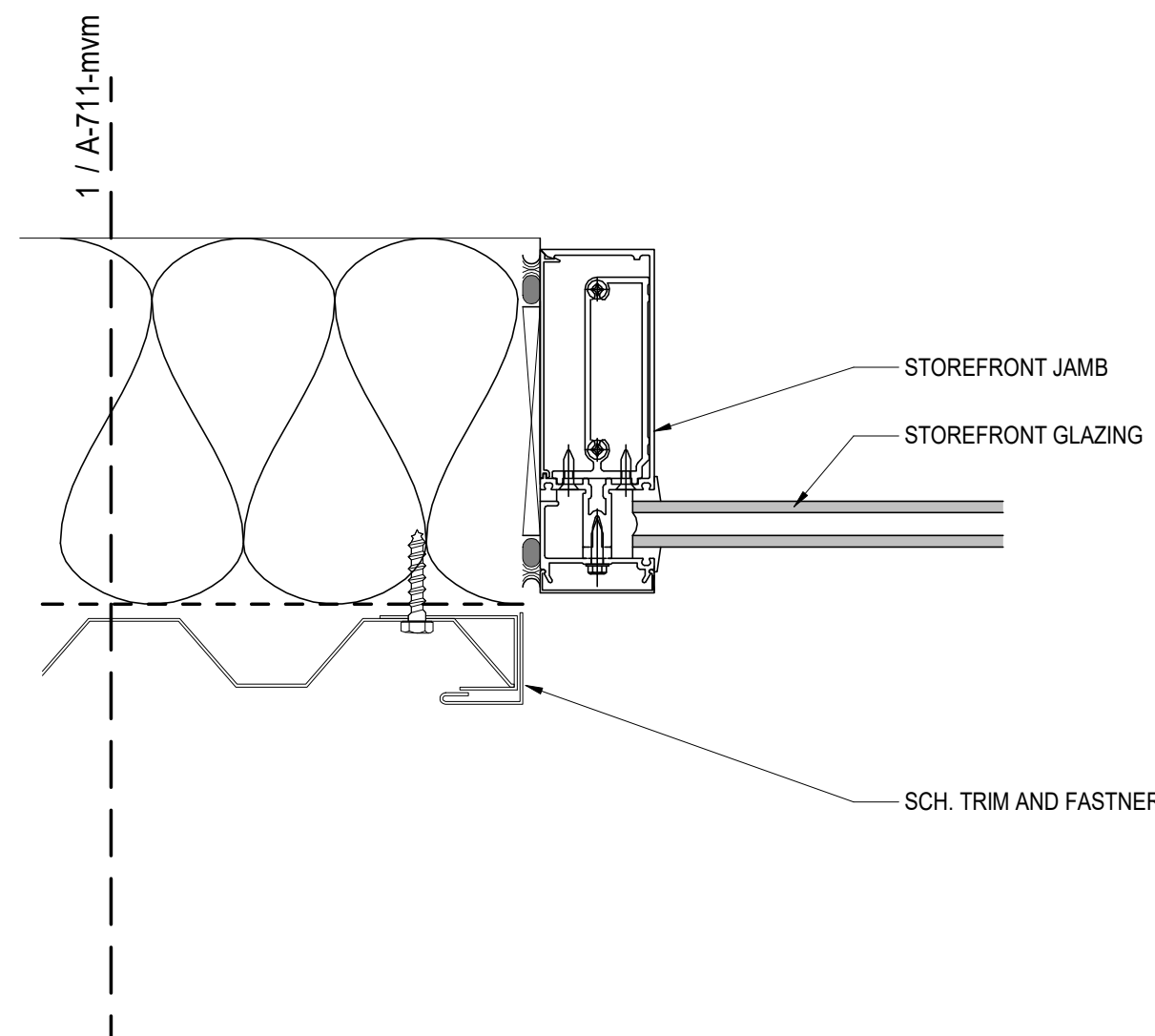
**A-825**  
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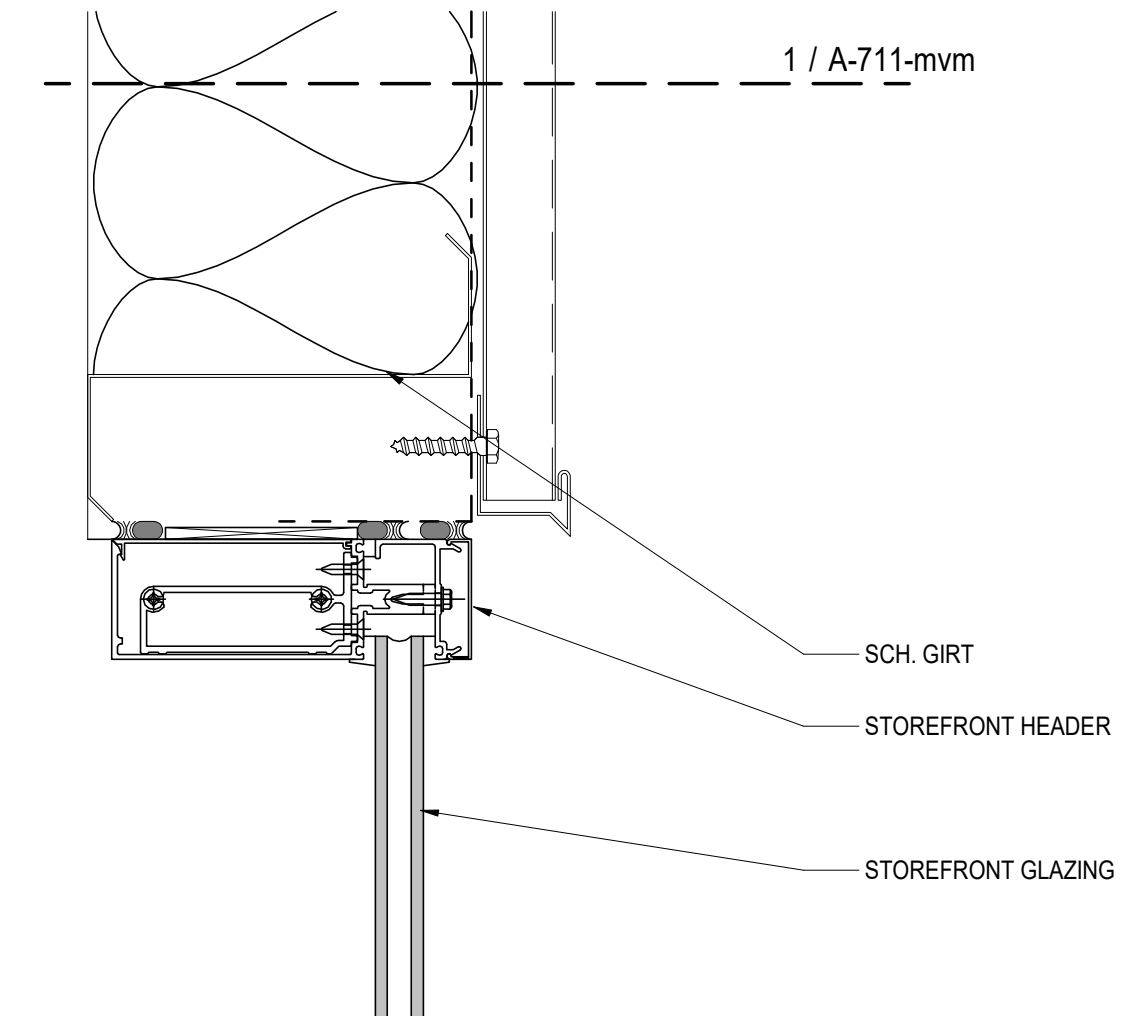
**S4** SF SILL - GIRT, VERT. MWP  
A-825 | 3" = 1'-0"



**S3** TYP. SF SILL  
A-825 | 3" = 1'-0"



**J3** SF JAMB - GIRT, VERT. MWP  
A-825 | 3" = 1'-0"



**H3** SF HEAD - GIRT, VERT. MWP  
A-825 | 3" = 1'-0"





Rev. No.	Date	Name
1	03-09-2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

ISSUED FOR CONSTRUCTION

PROJECT  
**EARLY HOPE BAPTIST ACTIVITY CENTER**

ADDRESS  
 1129 Rocky Plains Road  
 Covington, GA 30016

CLIENT  
**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS

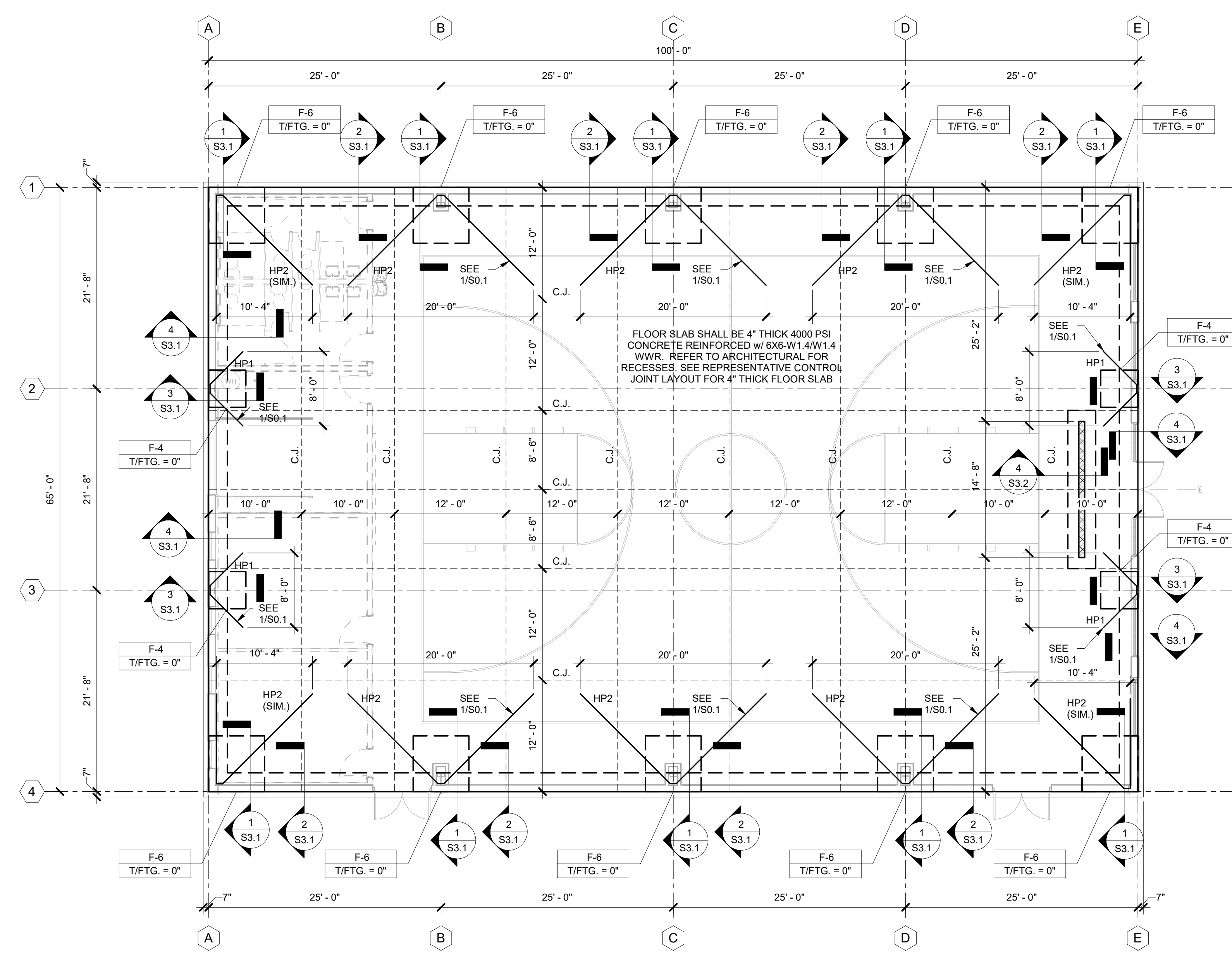
ADDRESS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115

SHEET TITLE  
**FOUNDATION PLAN**

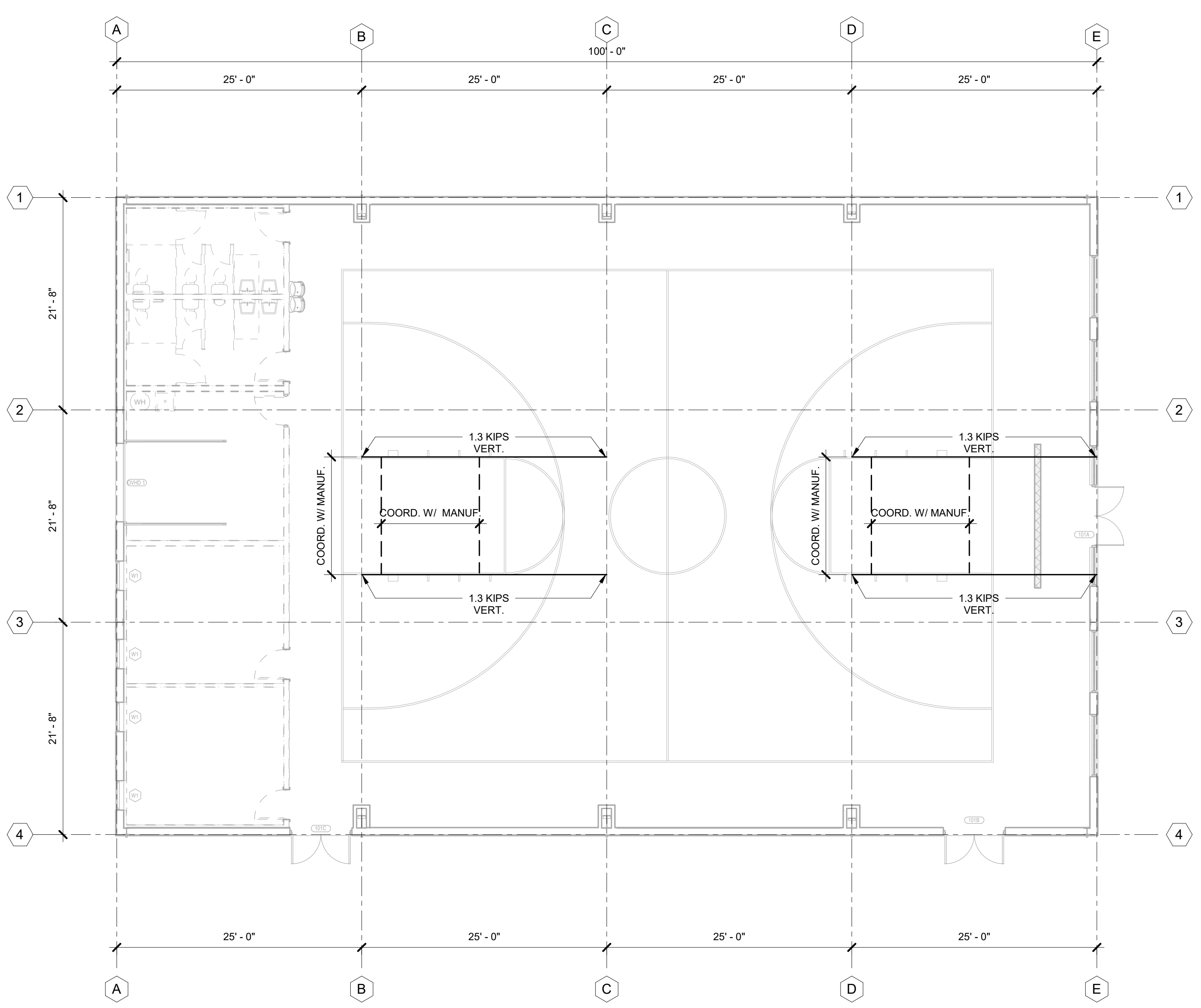
Date:  
 11/06/2025

PROJECT NUMBER  
 25-211

SHEET NUMBER  
**S1.1**



**1**  
**Foundation Plan**  
 1/8" = 1'-0"



**2**  
**Roof Plan**  
 1/8" = 1'-0"

- MASONRY WALL REINFORCING NOTES:**
- SEE PLAN FOR REQUIRED VERTICAL REINFORCING.
  - LOCATE REINFORCING IN CENTER OF WALL AND GROUT SOLID
  - HORIZONTAL JOINT REINFORCING SHALL BE HOT DIPPED GALVANIZED REINFORCING WITH (2) 9 GA RODS AND 9 GA CROSS WIRES AT 16" O.C. IN ALL EXTERIOR WALLS.
  - INTERIOR WALL HORIZONTAL JOINT REINFORCING SHALL BE (2) 9 GA WIRE RODS & 9 GA CROSS WIRES AT 16" o.c
  - ADDITIONAL VERTICAL REINFORCING REQUIRED AT: (COORD. WITH DETAIL 1/S3.2)
    - EACH SIDE OF OPENINGS.
    - WALL INTERSECTIONS.
    - ENDS OF WALLS.
    - EACH SIDE OF CONTROL JOINTS (COORD W/ ARCH).
    - PILASTERS AS DETAILED.
    - AS NOTED AND DETAILED ON DRAWINGS.
  - PROVIDE BOND BEAMS: (COORD. WITH DETAIL 1/S3.2)
    - BOTTOM AND TOP OF OPENINGS.
    - JOIST AND DECK BEARING (CONTINUOUS).
    - TOP COURSE OF MASONRY WALLS.
    - AS NOTED AND DETAILED ON DRAWINGS.
    - PROVIDE CORNER BARS AT ALL BOND BEAM INTERSECTIONS
  - PROVIDE MATCHING DOWEL FOR VERTICAL REINFORCING INTO FOUNDATION AND BOND BEAM AT ROOF.
  - PROVIDE CORNER BARS AT ALL BOND BEAMS.
  - FILL ALL MASONRY CELLS BELOW FINISHED FLOOR. WHERE GRADE IS ABOVE FINISHED FLOOR, FILL ALL CELLS BELOW GRADE. FILL MATERIAL SHALL BE 2000 PSI (MIN) GROUT.
  - ALL MASONRY STRUCTURES SHALL BE REINFORCED WITH #5 BARS VERTICAL AT 16" O.C. MAX. IN CENTER OF GROUT FILLED CELLS.
  - PROVIDE A 8" WIDE x 16" DEEP BOND BEAM W/ HOLES PROVIDED SO THAT THE VERTICAL REINF. MAY PASS CONTINUOUSLY THROUGH. REINFORCED W/ (2) #5 CONT. AROUND THE ENTIRE PERIMETER OF EACH MASONRY STRUCTURE. TOP OF BOND BEAM ELEVATIONS OF 10'-8", 21'-4", ROOF DECK BEARING, AND TOP OF WALL.

- FOUNDATION NOTES:**
- REFER TO ARCHITECTURAL DRAWINGS FOR INTERIOR WALL DIMENSIONS AND SLAB CONTROL JOINT LOCATIONS.
  - FLOOR SLAB SHALL BE 4000 PSI CONCRETE; SEE PLAN FOR REINFORCING. REFER TO ARCHITECTURAL FOR RECESSES. SEE REPRESENTATIVE CONTROL JOINT LAYOUT FOR SLAB
  - ALL CONCRETE WORK SHALL CONFORM TO ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
  - REFERENCE FINISH FLOOR ELEVATION IS 0' - 0"

- PRE-ENGINEERED METAL BUILDING NOTES:**
- P.E.M.B. MANUFACTURER COORDINATED SUSPENDED MECHANICAL UNITS AND LOADS WITH MECHANICAL DRAWINGS
  - P.E.M.B. MANUFACTURER COORDINATE X BRACING AND/OR PORTAL FRAME COLUMN LOCATIONS WITH ARCHITECTURAL DRAWINGS
  - FOUNDATIONS INDICATED ARE BASED ON PRELIMINARY LOADS AND LAYOUT. FINAL FOUNDATION LOCATION AND DETAILS WILL BE DETERMINED AFTER FINAL P.E.M.B. MANUFACTURER IS SELECTED AND FINAL LOADS ARE SUBMITTED

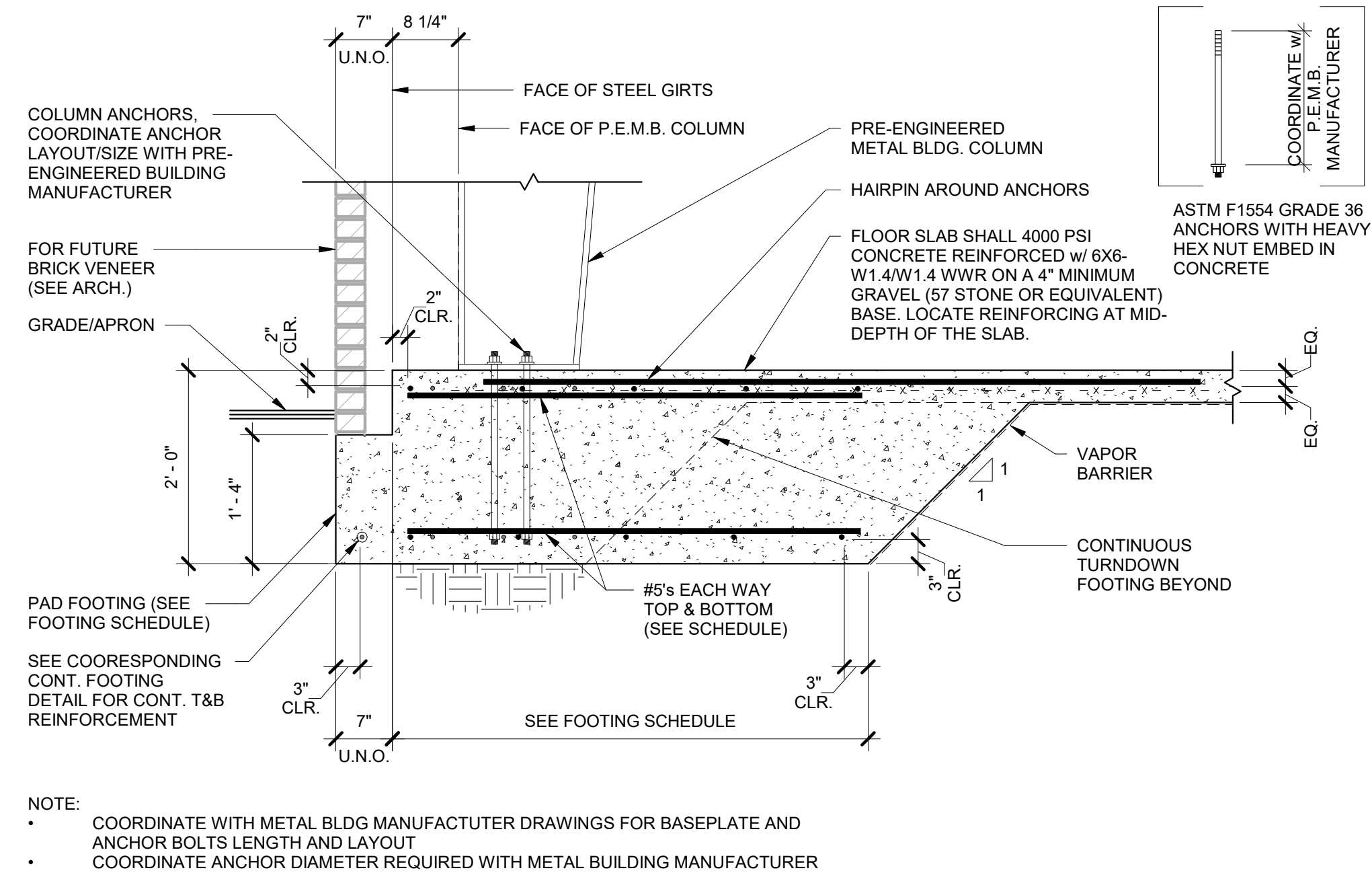
**HAIRPIN SCHEDULE**

MARK	HAIRPIN REINFORCING
HP1	#4 HAIRPIN
HP2	#6 HAIRPIN

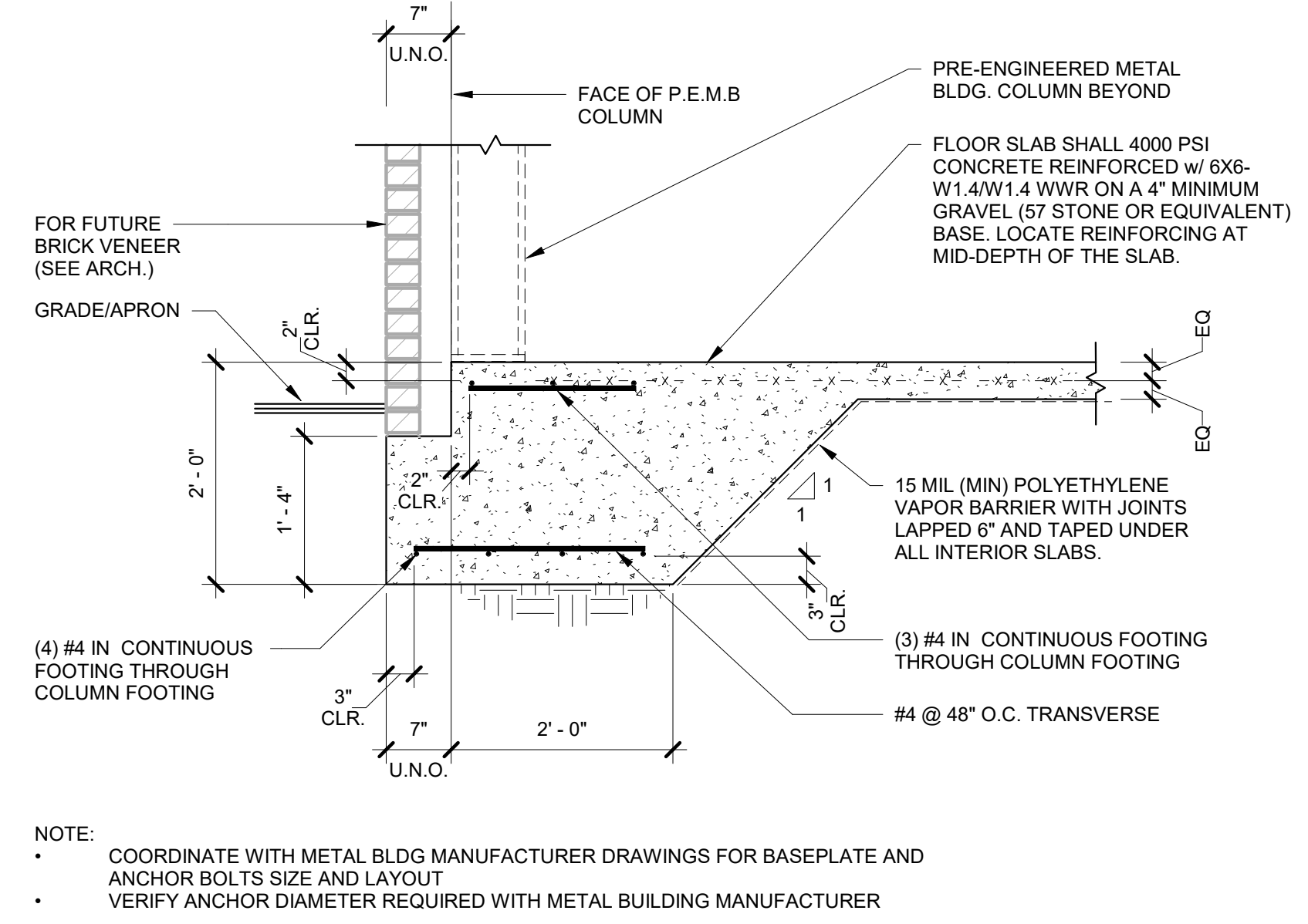
**Structural Foundation Schedule**

Type Mark	Footings Dimensions	Reinforcing	Remarks
F-4	4'-0"x4'-0"x2'-0"	(4) - # 5 EACH WAY	TOP AND BOTTOM
F-6	6'-0"x6'-0"x2'-0"	(6) - #5 EACH WAY	TOP AND BOTTOM

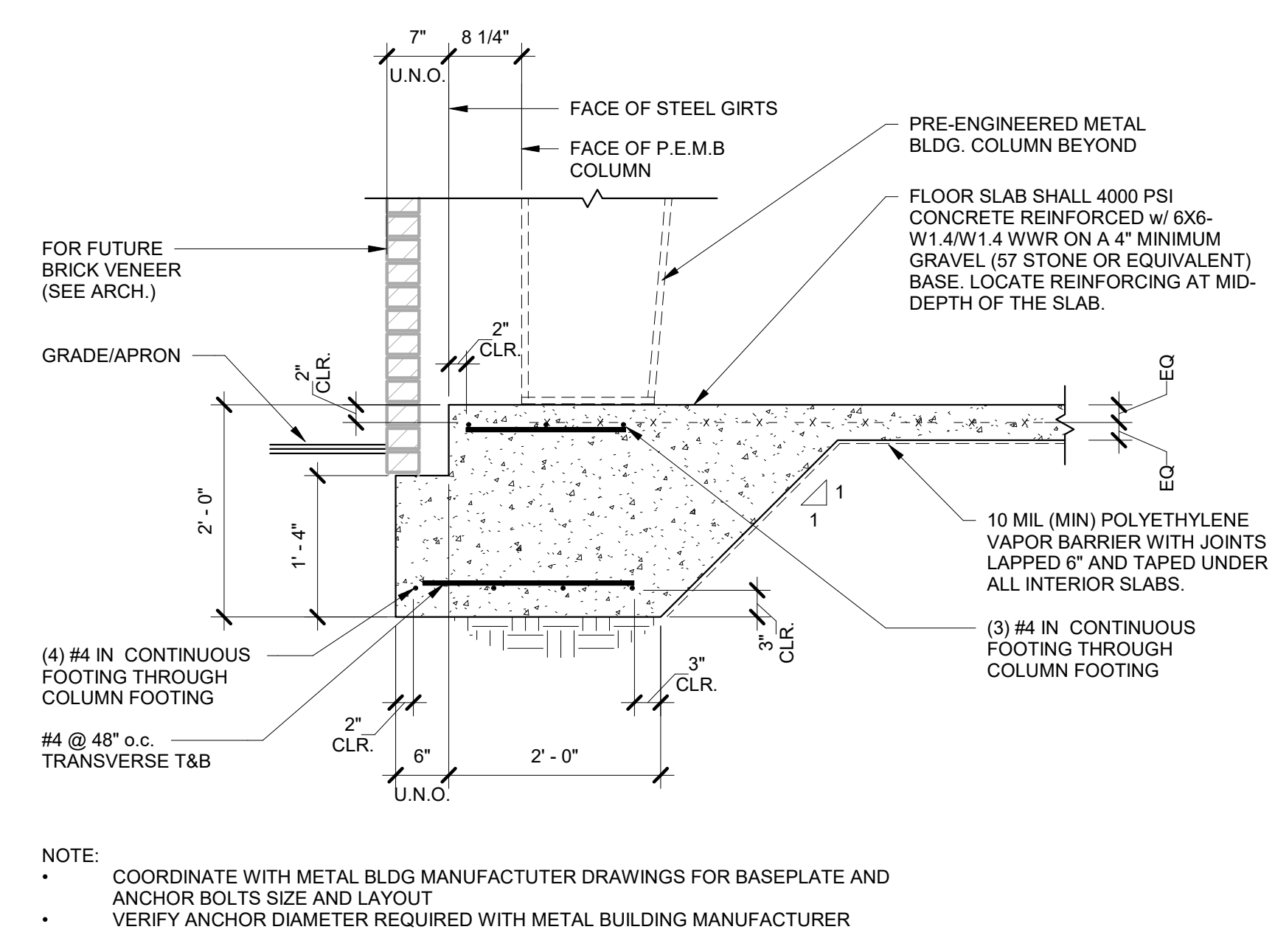
**ALPHA BLDG SET 06-17-2026**



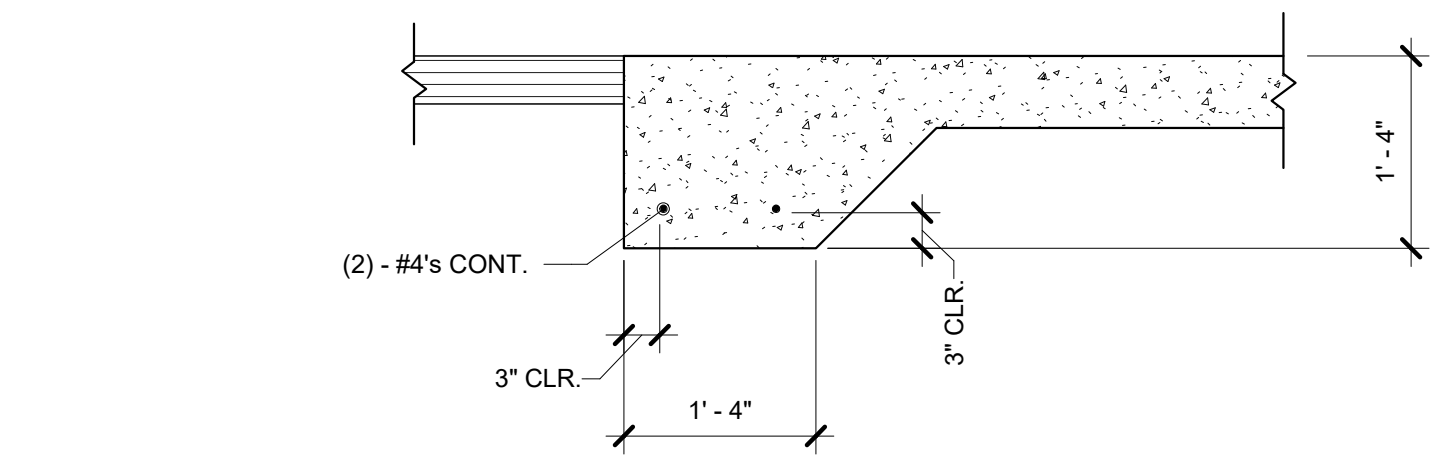
**1 FOUNDATION SECTION**  
S3.1 3/4" = 1'-0"



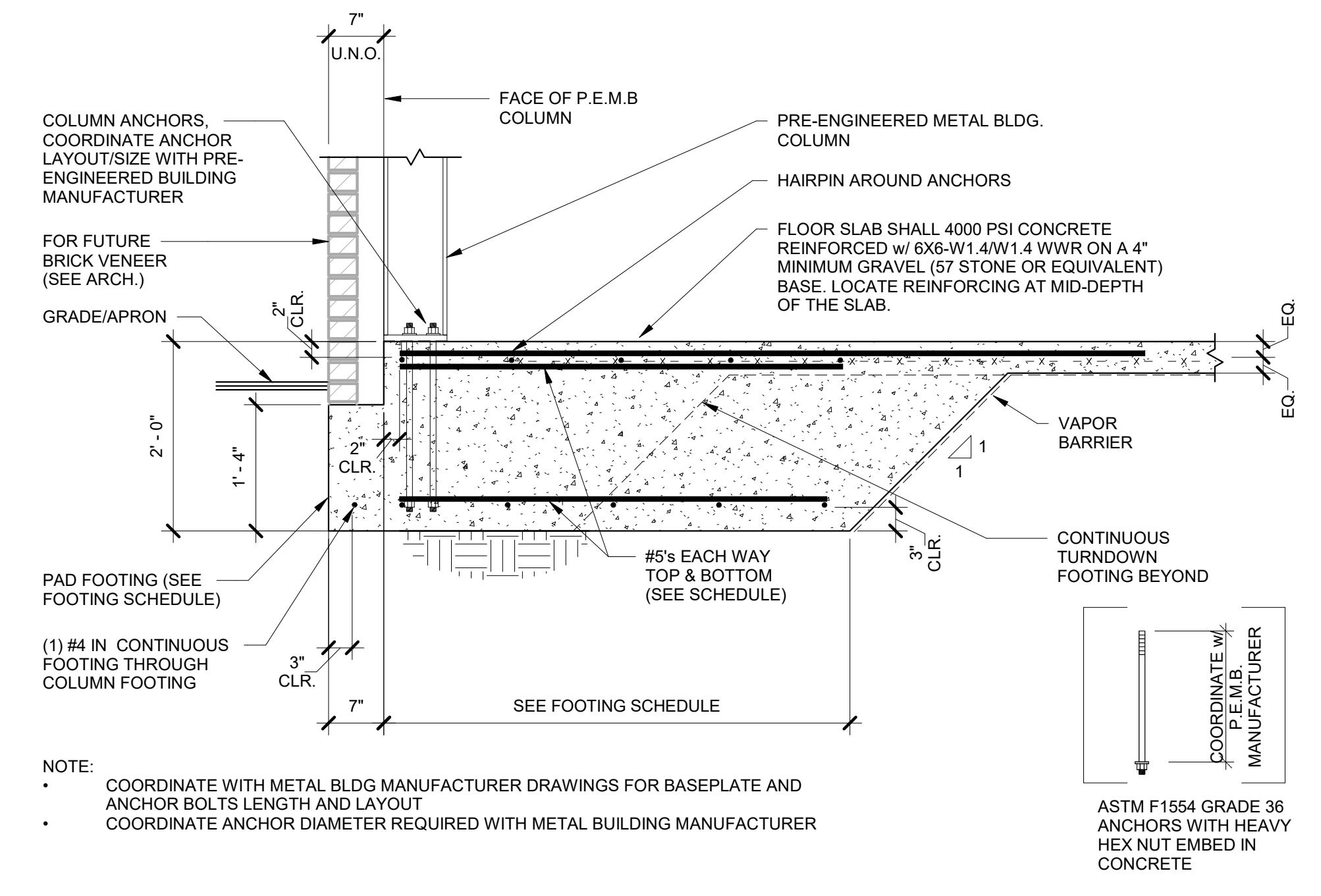
**4 FOUNDATION SECTION**  
S3.1 3/4" = 1'-0"



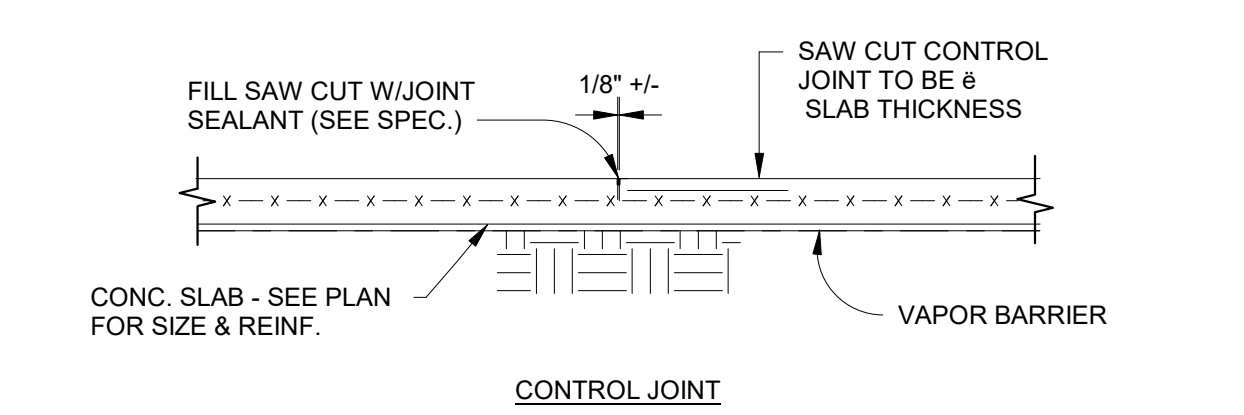
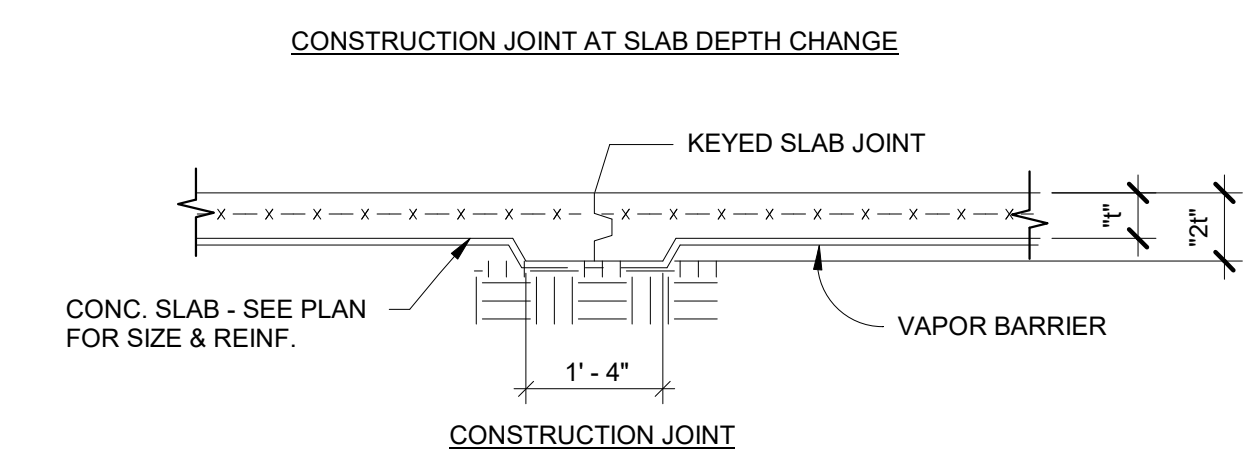
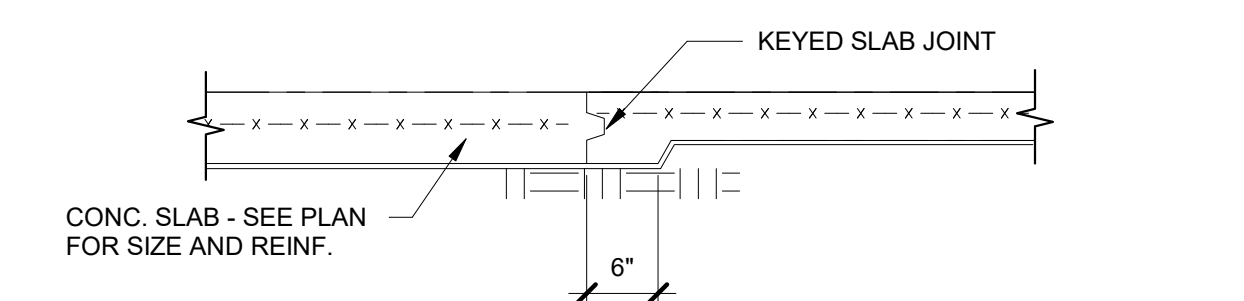
**2 FOUNDATION SECTION**  
S3.1 3/4" = 1'-0"



**5 EDGE TURN-DOWN @ CONCRETE APRON PADS**  
S3.1 3/4" = 1'-0"



**3 FOUNDATION SECTION**  
S3.1 3/4" = 1'-0"



- NOTES:  
1. SAW CUT AS SOON AS SLAB CAN SUPPORT WEIGHT (4 HRS MAX.)  
2. ANY CONTROL JOINT MAY BE REPLACED WITH A CONSTRUCTION JOINT

**6 CONSTRUCTION CONTROL JOINT DETAILS**  
S3.1 3/4" = 1'-0"



Rev. No.	Date	Name
1	03-09-2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

ISSUED FOR CONSTRUCTION

PROJECT  
**EARLY HOPE BAPTIST ACTIVITY CENTER**

ADDRESS  
1129 Rocky Plains Road  
Covington, GA 30016

CLIENT  
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ARCHITECTS & ENGINEERS

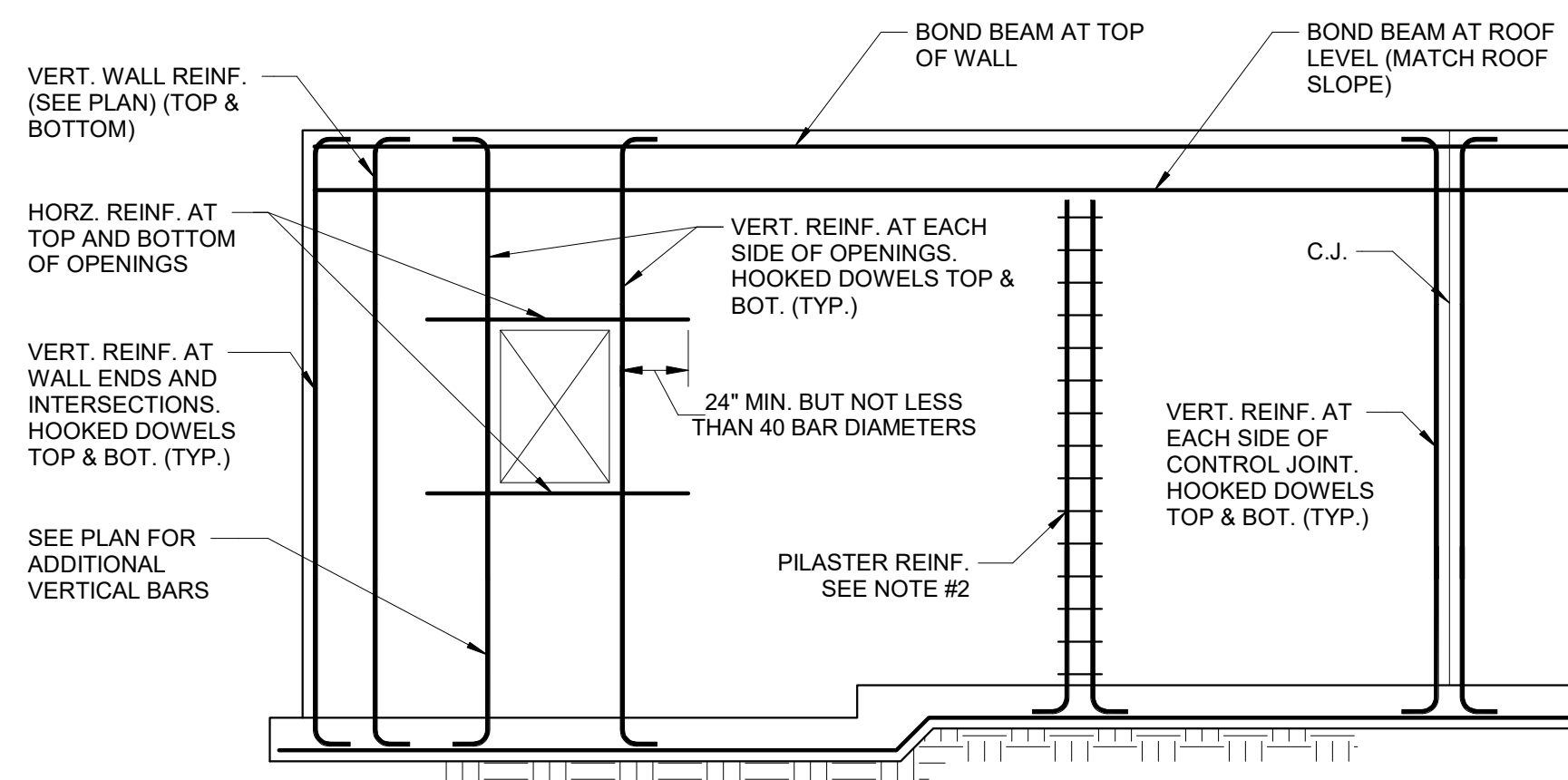
ADDRESS  
135 P. Rickman Industrial Dr.  
Suite 100, Canton, GA 30115

SHEET TITLE  
**FOUNDATION DETAILS**

Date:  
11/06/2025

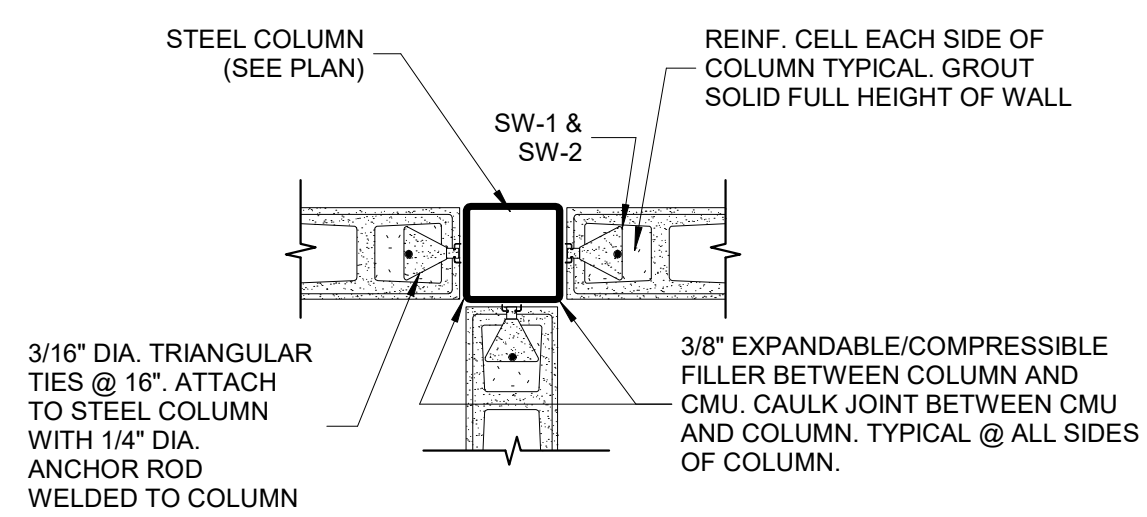
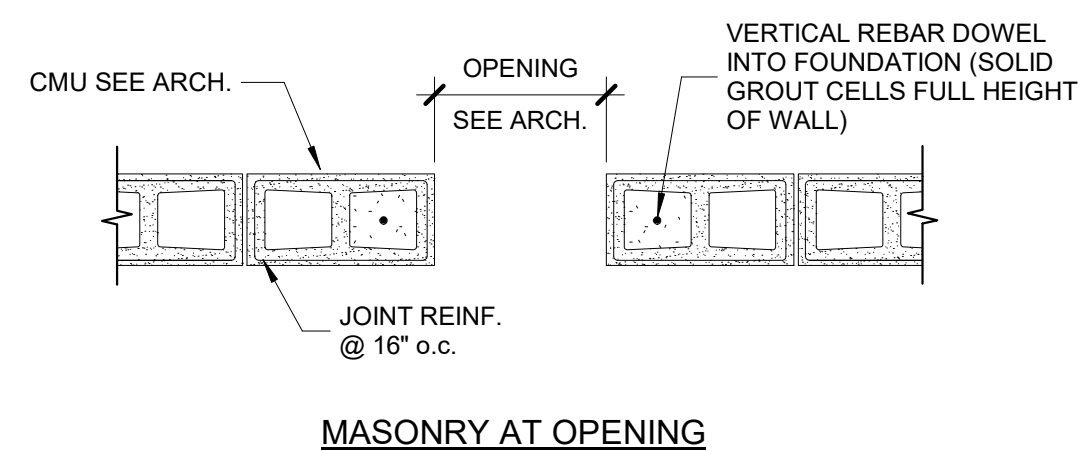
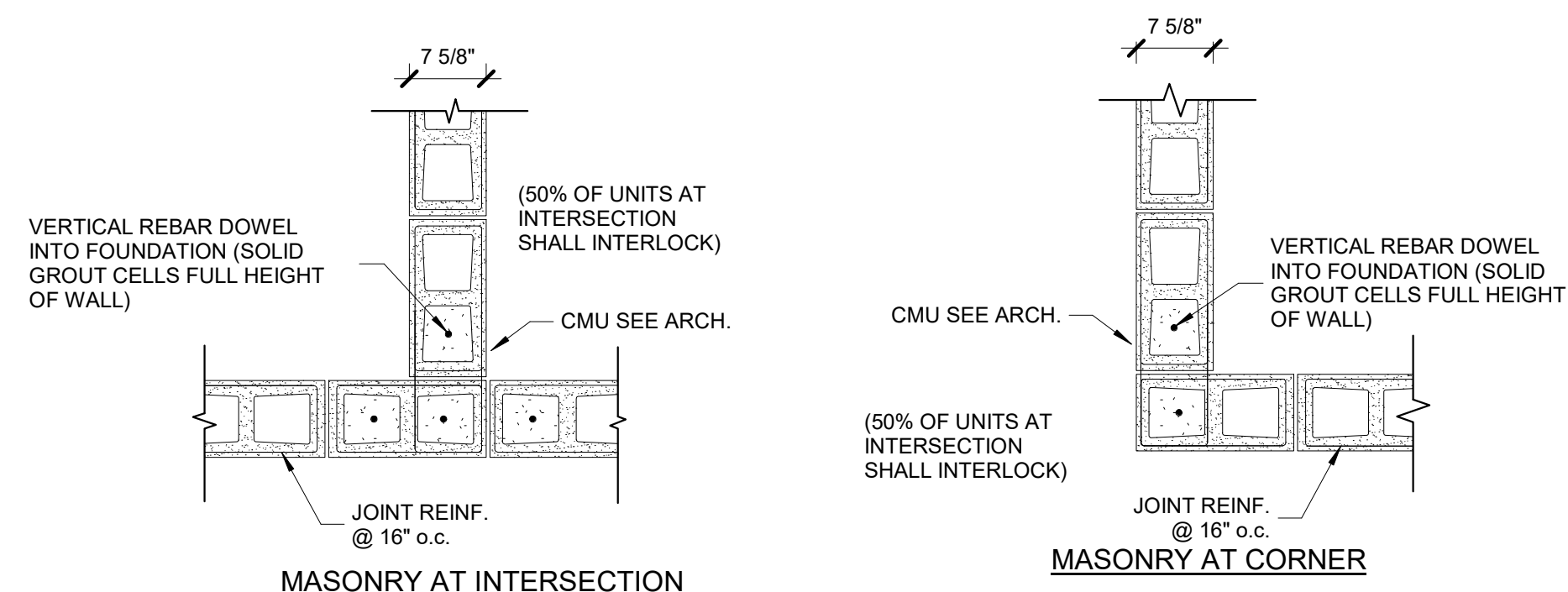
PROJECT NUMBER  
25-211

SHEET NUMBER  
**S3.1**

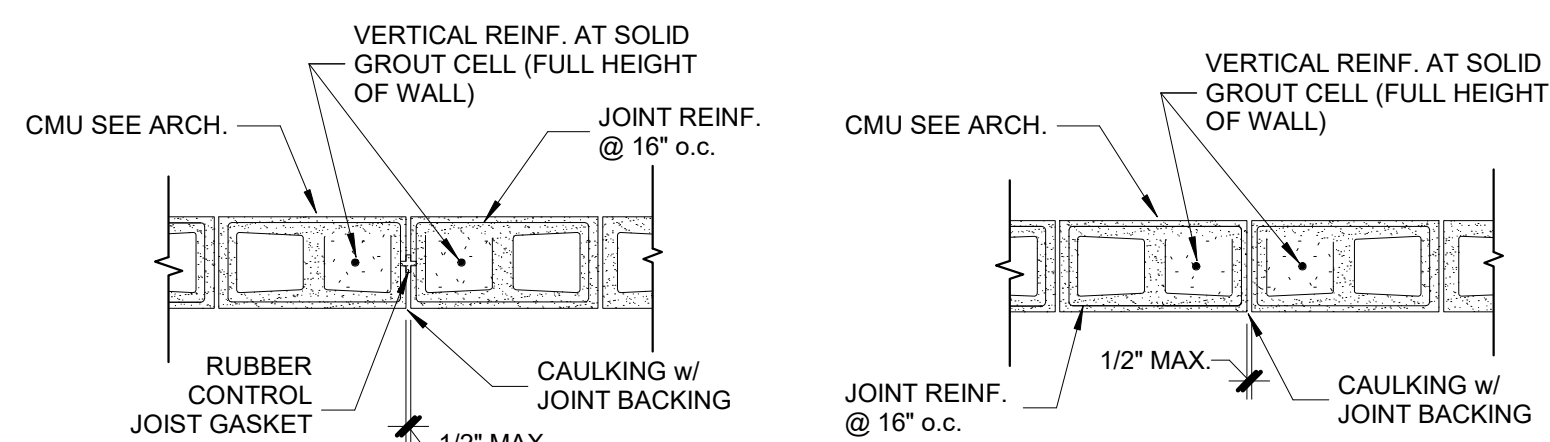


- NOTES:
1. REINFORCING SHOWN SHALL BE MINIMUM #5 REBAR UNLESS SHOWN OTHERWISE ON PLANS AND DETAILS.
  2. SEE PLANS FOR PILASTER LOCATIONS. SEE DETAILS FOR REINFORCING SIZE AND TIE SPACING. DOWEL VERTICAL REINFORCING INTO FOOTING.

1 MASONRY WALL REINFORCING  
S3.2 NOT TO SCALE



TYP. WALL ANCHOR AT COLUMN



CONTROL JOINT AT 2 HR. FIREWALL

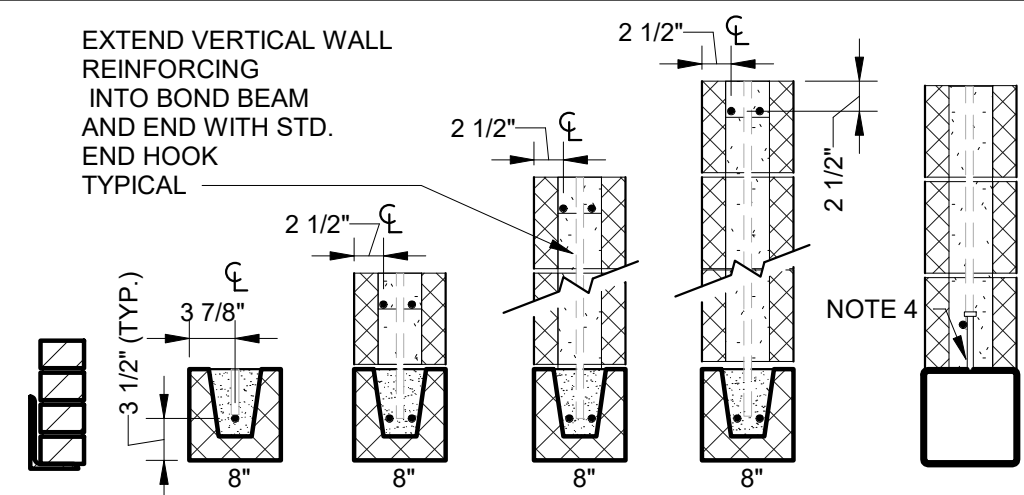
CONTROL JOINT AT WALL

- NOTES:
1. MAX CONTROL JOINT SPACING = 28 FT
  2. DO NOT USE PVC GASKET AT FIREWALLS
  3. SEE ARCH. DRAWINGS FOR BRICK EXPANSION JOINT LOCATIONS

CONTROL JOINTS SHALL BE LOCATED 28' O.C. MAXIMUM. DO NOT LOCATE CONTROL JOINT WITHIN 24" OF AN OPENING IN THE WALL. PROVIDE TOP OF WALL BRACE EACH SIDE OF CONTROL JOINTS IN PARTIAL HEIGHT PARTITION WALLS (SEE DETAIL 1/S3.2).

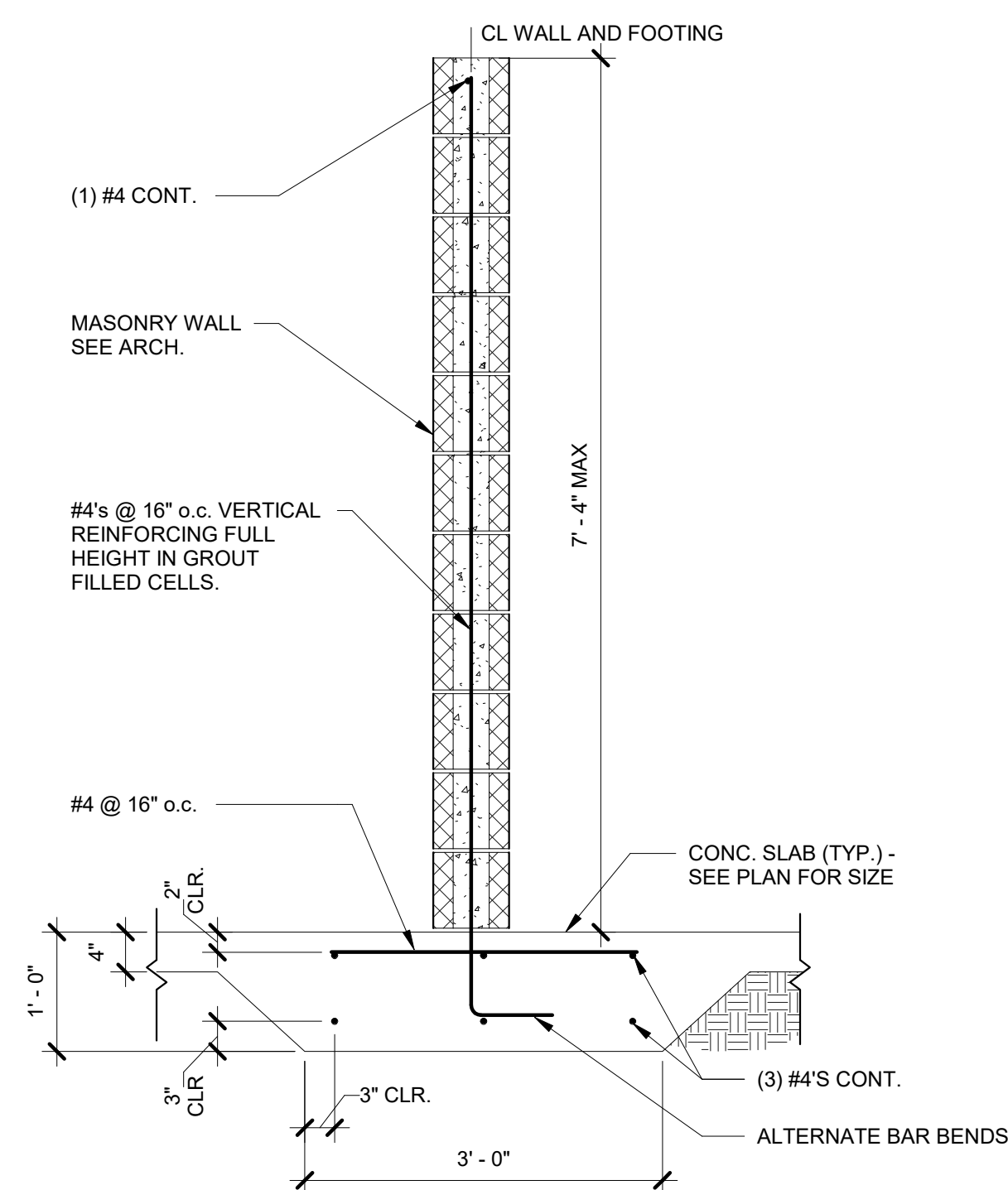
2 TYPICAL WALL DETAILS  
S3.2 3/4" = 1'-0"

MASONRY LINTEL SCHEDULE



OPENING WIDTH		LEDGE ANGLE	8" DEEP	16" DEEP	32" DEEP	48" DEEP
MINIMUM	MAXIMUM					
-	3'-4"	L3 1/2 x 3 1/2 x 1/4	1 - #4	-	-	-
3'-4"	5'-4"	L3 1/2 x 3 1/2 x 1/4	1 - #5	4 - #5	-	-
5'-4"	7'-4"	L5 x 3 1/2 x 1/4	-	4 - #5	-	-
7'-4"	10'-0"	L6 x 4 x 3/8	-	-	4 - #5	-
10'-0"	13'-0"	-	-	-	-	4 - #5
12'-0" INTERIOR ONLY	17'-0" INTERIOR ONLY	L6 x 4 x 3/8	-	-	-	4 - #5

1. EXTEND BOND BEAM REINFORCING 24" or 40 Db BEYOND THE EXTENTS OF THE OPENING. VERTICAL REINFORCING AT THE SIDES OF THE OPENING SHALL BE CONTINUOUS THROUGH THE BOND BEAM. PROVIDE KNOCK OUTS IN THE BOTTOM OF THE BOND BEAM BLOCK AS REQUIRED TO ALLOW REINFORCING TO PASS THROUGH.
2. SEE DETAIL- / --- AND PLANS FOR ADDITIONAL REINFORCING REQUIRED AT OPENINGS.
3. PROVIDE 4" PER 4" OF WYTHE THICKNESS BEARING FOR STEEL ANGLE LINTELS AT EACH END.
4. PROVIDE 1/2" DIAMETER 5" LONG HEADED CONCRETE ANCHORS AT 24" O.C. WELDED TO HSS.
5. HSS STEEL LINTEL AND STEEL ANGLES SHALL BE GALVANIZED AT EXTERIOR APPLICATIONS.



NOTE: VERTICAL WALL REINFORCING SHALL BE CONTINUOUS THROUGH ALL BOND BEAMS IN WALL. PROVIDE BOND BEAM BLOCK WITH KNOCKOUT IN BOTTOM.

4 SCREEN WALL SECTION  
S3.2 3/4" = 1'-0"

ALPHA BLDG SET 06-17-2026



Rev. No.	Date	Name
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ISSUED FOR CONSTRUCTION

PROJECT

EARLY HOPE  
BAPTIST  
ACTIVITY  
CENTER

ADDRESS  
1129 Rocky Plains Road  
Covington, GA 30016

CLIENT

**CSC**  
DESIGN,  
INC.  
ARCHITECTS & ENGINEERS

ADDRESS  
135 P. Rickman Industrial Dr.  
Suite 100, Canton, GA 30115

SHEET TITLE

FOUNDATION &  
MASONRY  
DETAILS

Date:  
11/06/2025

PROJECT NUMBER  
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REVISIONS	NO.	DATE	ISSUE

**EARLY HOPE BAPTIST ACTIVITY CENTER**

1129 ROCKY PLAINS RD  
COWINGTON, GA 30016

MECHANICAL LEGEND, ABBREVIATIONS, AND NOTES

**M0.1**  
ISSUED FOR CONSTRUCTION

PROJECT ABBREVIATIONS				HVAC SYMBOLS AND ABBREVIATIONS				PIPING SYMBOLS AND ABBREVIATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
<table border="0"> <tr><td>A/E</td><td>ARCHITECT / ENGINEER</td></tr> <tr><td>AAV</td><td>AUTOMATIC AIR VENT</td></tr> <tr><td>ACD</td><td>AUTOMATIC CONTROL DAMPER</td></tr> <tr><td>AD</td><td>ACCESS DOOR</td></tr> <tr><td>AF</td><td>AFTER FILTER</td></tr> <tr><td>AFF</td><td>ABOVE FINISHED FLOOR</td></tr> <tr><td>AFMS</td><td>AIR FLOW MEASURING STATION</td></tr> <tr><td>AHU</td><td>AIR-HANDLING UNIT</td></tr> <tr><td>AMP</td><td>AMPERE</td></tr> <tr><td>APD</td><td>AIR PRESSURE DROP</td></tr> <tr><td>AS</td><td>AIR SEPARATOR</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>B</td><td>BOILER</td></tr> <tr><td>BAS</td><td>BUILDING AUTOMATION SYSTEM</td></tr> <tr><td>BBR</td><td>BASE BOARD RADIATOR</td></tr> <tr><td>BE</td><td>BOTTOM ELEVATION</td></tr> <tr><td>BFP</td><td>BACKFLOW PREVENTER</td></tr> <tr><td>BHP</td><td>BRAKE HORSEPOWER</td></tr> <tr><td>BOD</td><td>BOTTOM OF DUCT</td></tr> <tr><td>BOP</td><td>BOTTOM OF PIPE</td></tr> <tr><td>BSC</td><td>BIOLOGICAL SAFETY CABINETS</td></tr> <tr><td>BT</td><td>BLOWOFF TANK</td></tr> <tr><td>BTU</td><td>BRITISH THERMAL UNIT</td></tr> <tr><td>BTUH</td><td>BRITISH THERMAL UNIT PER HOUR</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>CV</td><td>CONSTANT AIR VOLUME</td></tr> <tr><td>CC</td><td>COOLING COIL</td></tr> <tr><td>CD</td><td>COOLING COIL CONDENSATE DRAIN</td></tr> <tr><td>CFH</td><td>CUBIC FEET PER HOUR</td></tr> <tr><td>CFM</td><td>CUBIC FEET PER MINUTE</td></tr> <tr><td>CFT</td><td>CUBIC FEET</td></tr> <tr><td>CH</td><td>CHILLER</td></tr> <tr><td>CHP</td><td>CHILLED WATER PUMP</td></tr> <tr><td>CHS/R</td><td>CHILLER WATER</td></tr> <tr><td>CL</td><td>CENTER LINE</td></tr> <tr><td>CM</td><td>CUBIC METER</td></tr> <tr><td>CM/S</td><td>CUBIC METER PER SECOND</td></tr> <tr><td>CO</td><td>CLEAN OUT</td></tr> <tr><td>COMP</td><td>COMPRESSOR UNIT</td></tr> <tr><td>COP</td><td>COEFFICIENT OF PERFORMANCE</td></tr> <tr><td>COR</td><td>CONTRACTING OFFICER REPRESENTATIVE</td></tr> 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PUMP	CHS/R	CHILLER WATER	CL	CENTER LINE	CM	CUBIC METER	CM/S	CUBIC METER PER SECOND	CO	CLEAN OUT	COMP	COMPRESSOR UNIT	COP	COEFFICIENT OF PERFORMANCE	COR	CONTRACTING OFFICER REPRESENTATIVE	CP	CONDENSATE PUMP	CST	CONDENSATE STORAGE TANK	CSG	CLEAN STEAM GENERATOR	CT	COOLING TOWER	CU	CONDENSING UNIT	CUH	CABINET UNIT HEATER	CV	CONSTANT VOLUME	CWP	CONDENSER WATER PUMP			DDC	DIRECT DIGITAL CONTROLS	DIA	DIAMETER	DI	DEIONIZED WATER	DP	DEW POINT TEMPERATURE			DPS	DIFFERENTIAL PRESSURE SENSOR	DX	DIRECT EXPANSION			EA	EXHAUST AIR	EAT	ENTERING AIR TEMPERATURE	EC	EVAPORATIVE COOLER	ECC	ENGINEERING CONTROL CENTER	EDH	ELECTRIC DUCT HEATER	EER	ENERGY EFFICIENCY RATIO	EF	EXHAUST FAN	ES	EMERGENCY GAS SHUTOFF	EGT	ENTERING GLYCOL TEMPERATURE	EH	EXHAUST HOOD	<table border="0"> <tr><td>EJ</td><td>EXPANSION JOINT</td></tr> <tr><td>ENT</td><td>ENTERING</td></tr> <tr><td>ERC</td><td>ELECTRIC REHEAT COIL</td></tr> <tr><td>ERP</td><td>ELECTRIC RADIANT PANEL</td></tr> <tr><td>ESP</td><td>EXTERNAL STATIC PRESSURE</td></tr> <tr><td>ET</td><td>EXPANSION TANK</td></tr> <tr><td>ETO</td><td>ETHYLENE OXIDE</td></tr> <tr><td>EUH</td><td>ELECTRIC UNIT HEATER</td></tr> <tr><td>EWT</td><td>ENTERING WATER TEMPERATURE</td></tr> <tr><td>EX</td><td>EXISTING</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>F</td><td>FAHRENHEIT</td></tr> <tr><td>F&amp;T</td><td>FLOAT AND THERMOSTATIC</td></tr> <tr><td>FA</td><td>FREE AREA</td></tr> <tr><td>FCU</td><td>FAN COIL UNIT</td></tr> <tr><td>FD</td><td>FLOOR DRAIN</td></tr> <tr><td>FF</td><td>FINAL FILTER</td></tr> <tr><td>FOP</td><td>FLOW METER</td></tr> <tr><td>FPM</td><td>FUEL OIL PUMP</td></tr> <tr><td>FOT</td><td>FLAT ON TOP</td></tr> <tr><td>FPM</td><td>FEET PER MINUTE</td></tr> <tr><td>FPS</td><td>FEET PER SECOND</td></tr> <tr><td>FPU</td><td>FAN POWERED TERMINAL UNIT</td></tr> <tr><td>FRP</td><td>FIBER REINFORCED POLYESTER</td></tr> <tr><td>FS</td><td>FLOW SWITCH</td></tr> <tr><td>FSTAT</td><td>FREEZE/STAT</td></tr> <tr><td>FT</td><td>FEET</td></tr> <tr><td>FT WC</td><td>FEET OF WATER COLUMN</td></tr> <tr><td>FT-LB</td><td>FOOT-POUND</td></tr> <tr><td>FV</td><td>FACE VELOCITY</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>GA</td><td>GAUGE</td></tr> <tr><td>GAL</td><td>GALLONS</td></tr> <tr><td>GH</td><td>GRAVITY HOOD</td></tr> <tr><td>GPD</td><td>GALLONS PER DAY</td></tr> <tr><td>GPH</td><td>GALLONS PER HOUR</td></tr> <tr><td>GPM</td><td>GALLONS PER MINUTE</td></tr> <tr><td>GPR</td><td>GAS PRESSURE REGULATOR</td></tr> <tr><td>GS</td><td>GALVANIZED STEEL</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>H</td><td>HUMIDIFIER</td></tr> <tr><td>HB</td><td>HOSE BIBB</td></tr> <tr><td>HC</td><td>HEATING COIL</td></tr> <tr><td>HD</td><td>HOOD</td></tr> <tr><td>HOA</td><td>HAND/OFF/AUTOMATIC</td></tr> <tr><td>HP</td><td>HEAT PUMP</td></tr> <tr><td>HP</td><td>HORSEPOWER</td></tr> <tr><td>HRC</td><td>HEAT RECOVERY COIL</td></tr> <tr><td>HRP</td><td>HYDRONIC RADIANT (CEILING) PANEL</td></tr> <tr><td>HRW</td><td>HEAT RECOVERY WHEEL</td></tr> <tr><td>HSTAT</td><td>HUMIDISTAT</td></tr> <tr><td>HVU</td><td>HEATING AND VENTILATING UNIT</td></tr> <tr><td>HWC</td><td>HOT WATER COIL</td></tr> <tr><td>HWP</td><td>HEATING HOT WATER PUMP</td></tr> <tr><td>HTX</td><td>HEAT EXCHANGER</td></tr> <tr><td>HZ</td><td>HERTZ</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>I/O</td><td>INPUT/OUTPUT</td></tr> <tr><td>IAQ</td><td>INDOOR AIR QUALITY</td></tr> <tr><td>IBT</td><td>INVERTED BUCKET TRAP</td></tr> <tr><td>ID</td><td>INSIDE DIAMETER</td></tr> <tr><td>IFB</td><td>INTEGRAL FACE AND BYPASS</td></tr> <tr><td>IN</td><td>INCHES</td></tr> <tr><td>IN HG</td><td>INCHES OF MERCURY</td></tr> <tr><td>IN WC</td><td>INCH WATER COLUMN</td></tr> <tr><td>IN WG</td><td>INCH WATER GAUGE</td></tr> <tr><td>IN-LB</td><td>INCH-POUND</td></tr> <tr><td>IPLV</td><td>INTEGRATED PART LOAD VALUE</td></tr> </table>	EJ	EXPANSION JOINT	ENT	ENTERING	ERC	ELECTRIC REHEAT COIL	ERP	ELECTRIC RADIANT PANEL	ESP	EXTERNAL STATIC PRESSURE	ET	EXPANSION 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DIAMETER	IFB	INTEGRAL FACE AND BYPASS	IN	INCHES	IN HG	INCHES OF MERCURY	IN WC	INCH WATER COLUMN	IN WG	INCH WATER GAUGE	IN-LB	INCH-POUND	IPLV	INTEGRATED PART LOAD VALUE	<table border="0"> <tr><td>IRH</td><td>INFRARED HEATER</td></tr> <tr><td>IU</td><td>INDUCTION UNIT</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>JB</td><td>JUNCTION BOX</td></tr> <tr><td>JL</td><td>JUSTIFIED LEFT</td></tr> <tr><td>JR</td><td>JUSTIFIED RIGHT</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>KG</td><td>KILOGRAM</td></tr> <tr><td>KG/HR</td><td>KILOGRAM PER HOUR</td></tr> <tr><td>kPa</td><td>KILOPASCAL</td></tr> <tr><td>KW</td><td>KILOWATT</td></tr> <tr><td>KWH</td><td>KILOWATT HOUR</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>LOOP</td><td>LOCK ONLY OPEN POSITION</td></tr> <tr><td>LVG</td><td>LEAVING</td></tr> <tr><td>LVR</td><td>LOUVER</td></tr> <tr><td>LWT</td><td>LEAVING WATER TEMPERATURE</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>M</td><td>METER, SI UNIT</td></tr> <tr><td>M/S</td><td>METERS PER SECOND (OR METERS/SECOND)</td></tr> <tr><td>MA</td><td>MIXED AIR</td></tr> <tr><td>MAT</td><td>MIXED AIR TEMPERATURE</td></tr> <tr><td>MAU</td><td>MAKE-UP AIR UNIT</td></tr> <tr><td>MAV</td><td>MANUAL AIR VENT</td></tr> <tr><td>MAX</td><td>MAXIMUM</td></tr> <tr><td>MB</td><td>MIXING BOX</td></tr> <tr><td>MBH</td><td>1,000 BTUH</td></tr> <tr><td>MCA</td><td>MINIMUM BRANCH CIRCUIT AMPACITY</td></tr> <tr><td>MER</td><td>MECHANICAL EQUIPMENT ROOM</td></tr> <tr><td>MERV</td><td>MINIMUM EFFICIENCY REPORTING VALUE</td></tr> <tr><td>MH</td><td>MANHOLE</td></tr> <tr><td>MHP</td><td>MOTOR HORSEPOWER</td></tr> <tr><td>MIN</td><td>MINIMUM</td></tr> <tr><td>MM</td><td>MILLIMETER</td></tr> <tr><td>MOCPP</td><td>MINIMUM OVERCURRENT PROTECTION</td></tr> <tr><td>MOV</td><td>MOTOR OPERATED VALVE</td></tr> <tr><td>MTD</td><td>MEAN TEMPERATURE DIFFERENCE</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>NA</td><td>NOT APPLICABLE</td></tr> <tr><td>NC</td><td>NOISE CRITERIA</td></tr> <tr><td>NC</td><td>NORMALLY CLOSED</td></tr> <tr><td>NG</td><td>NATURAL GAS</td></tr> <tr><td>NO</td><td>NORMALLY OPEN</td></tr> <tr><td>NOM</td><td>NOMINAL</td></tr> <tr><td>NPLV</td><td>NON-STANDARD PART LOAD VALUE</td></tr> <tr><td>NPSH</td><td>NET POSITIVE SUCTION HEAD</td></tr> <tr><td>NPSHA</td><td>NET POSITIVE SUCTION HEAD AVAILABLE</td></tr> <tr><td>NPSHR</td><td>NET POSITIVE SUCTION HEAD REQUIRED</td></tr> <tr><td>NTS</td><td>NOT TO SCALE</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>OA</td><td>OUTSIDE AIR</td></tr> <tr><td>OAD</td><td>OUTDOOR AIR DAMPER</td></tr> <tr><td>OD</td><td>OUTSIDE DIAMETER</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>P</td><td>PUMP</td></tr> <tr><td>Pa</td><td>PASCAL</td></tr> <tr><td>PCF</td><td>POUNDS PER CUBIC FOOT (FEET)</td></tr> <tr><td>PD</td><td>PRESSURE DROP</td></tr> <tr><td>PF</td><td>PRE-FILTER</td></tr> <tr><td>PG</td><td>PRESSURE GAGE</td></tr> <tr><td>PHC</td><td>PREHEAT COIL</td></tr> <tr><td>PPM</td><td>PARTS PER MILLION</td></tr> <tr><td>PRS</td><td>PRESSURE REGULATING (VALVE) STATION</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>PRV</td><td>PRESSURE REGULATING VALVE</td></tr> <tr><td>PSI</td><td>POUNDS PER SQUARE INCH</td></tr> <tr><td>PSIA</td><td>POUNDS PER SQUARE INCH - ABSOLUTE</td></tr> <tr><td>PSIG</td><td>POUNDS PER SQUARE INCH - GAGE</td></tr> <tr><td>PTAC</td><td>PACKAGED TERMINAL AIR CONDITIONER</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>QNTY</td><td>QUANTITY</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>RA</td><td>RETURN AIR</td></tr> <tr><td>RAF</td><td>RETURN AIR FAN</td></tr> <tr><td>RAT</td><td>RETURN AIR TEMPERATURE</td></tr> <tr><td>RD</td><td>REFRIGERANT DISCHARGE</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>REA</td><td>RELIEF AIR</td></tr> <tr><td>RF</td><td>RETURN FAN</td></tr> <tr><td>RH</td><td>RELATIVE HUMIDITY</td></tr> <tr><td>RHC</td><td>REHEAT COIL</td></tr> <tr><td>RLA</td><td>RUN LOAD AMPERE</td></tr> <tr><td>RO</td><td>REVERSE OSMOSIS</td></tr> <tr><td>RPM</td><td>REVOLUTIONS PER MINUTE</td></tr> <tr><td>RS/RL</td><td>REFRIGERANT SUCTION AND ROOF TOP UNIT</td></tr> <tr><td>RTU</td><td>ROOF TOP UNIT</td></tr> <tr><td>RV</td><td>RELIEF VALVE</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>SA</td><td>SUPPLY AIR</td></tr> <tr><td>SAT</td><td>SUPPLY AIR TEMPERATURE</td></tr> <tr><td>SCFM</td><td>STANDARD CUBIC FEET PER MINUTE</td></tr> <tr><td>SCR</td><td>SILICON CONTROLLED RECTIFIER</td></tr> <tr><td>SEA</td><td>SMOKE EXHAUST AIR</td></tr> <tr><td>SEN</td><td>SENSIBLE HEAT</td></tr> <tr><td>SF</td><td>SUPPLY FAN</td></tr> <tr><td>SHC</td><td>STEAM HEATING COIL</td></tr> <tr><td>SI</td><td>SQUARE INCHES</td></tr> <tr><td>SP</td><td>STATIC PRESSURE</td></tr> <tr><td>SP GR</td><td>SPECIFIC GRAVITY</td></tr> <tr><td>SPS</td><td>STATIC PRESSURE SENSOR</td></tr> <tr><td>SQ FT</td><td>SQUARE FOOT (FEET)</td></tr> <tr><td>SS</td><td>STAINLESS STEEL</td></tr> <tr><td>SSR</td><td>SOLID SEPARATOR</td></tr> <tr><td>ST</td><td>STEAM TRAP</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>TAB</td><td>TESTING, ADJUSTING, BALANCE</td></tr> <tr><td>TDH</td><td>TOTAL DYNAMIC HEAD</td></tr> <tr><td>TDS</td><td>TOTAL DISSOLVED SOLIDS</td></tr> <tr><td>TSP</td><td>TOTAL STATIC PRESSURE</td></tr> <tr><td>TSTAT</td><td>THERMOSTAT</td></tr> <tr><td>TU</td><td>TERMINAL UNIT</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>UC</td><td>UNDER CUT</td></tr> <tr><td>UH</td><td>UNIT HEATER</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>V</td><td>VENT</td></tr> <tr><td>VAV</td><td>VARIABLE AIR VOLUME</td></tr> <tr><td>VFD</td><td>VARIABLE FREQUENCY DRIVE</td></tr> <tr><td>VP</td><td>VACUUM PUMP</td></tr> <tr><td>VR</td><td>VACUUM (STEAM CONDENSATE) RETURN</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>W</td><td>WATTS</td></tr> <tr><td>Wb</td><td>WET-BULB (TEMPERATURE)</td></tr> <tr><td>WFMS</td><td>WATER FLOW MEASURING STATION</td></tr> <tr><td>WG</td><td>WATER GAGE</td></tr> <tr><td>WPD</td><td>WATER PRESSURE DROP</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>YR</td><td>YEAR</td></tr> </table>	IRH	INFRARED HEATER	IU	INDUCTION UNIT			JB	JUNCTION BOX	JL	JUSTIFIED LEFT	JR	JUSTIFIED RIGHT			KG	KILOGRAM	KG/HR	KILOGRAM PER HOUR	kPa	KILOPASCAL	KW	KILOWATT	KWH	KILOWATT HOUR			LOOP	LOCK ONLY OPEN POSITION	LVG	LEAVING	LVR	LOUVER	LWT	LEAVING WATER TEMPERATURE			M	METER, SI UNIT	M/S	METERS PER SECOND (OR METERS/SECOND)	MA	MIXED AIR	MAT	MIXED AIR TEMPERATURE	MAU	MAKE-UP AIR UNIT	MAV	MANUAL AIR VENT	MAX	MAXIMUM	MB	MIXING BOX	MBH	1,000 BTUH	MCA	MINIMUM BRANCH CIRCUIT AMPACITY	MER	MECHANICAL EQUIPMENT ROOM	MERV	MINIMUM EFFICIENCY REPORTING VALUE	MH	MANHOLE	MHP	MOTOR HORSEPOWER	MIN	MINIMUM	MM	MILLIMETER	MOCPP	MINIMUM OVERCURRENT PROTECTION	MOV	MOTOR OPERATED VALVE	MTD	MEAN TEMPERATURE DIFFERENCE			NA	NOT APPLICABLE	NC	NOISE CRITERIA	NC	NORMALLY CLOSED	NG	NATURAL GAS	NO	NORMALLY OPEN	NOM	NOMINAL	NPLV	NON-STANDARD PART LOAD VALUE	NPSH	NET POSITIVE SUCTION HEAD	NPSHA	NET POSITIVE SUCTION HEAD AVAILABLE	NPSHR	NET POSITIVE SUCTION HEAD REQUIRED	NTS	NOT TO SCALE			OA	OUTSIDE AIR	OAD	OUTDOOR AIR DAMPER	OD	OUTSIDE DIAMETER			P	PUMP	Pa	PASCAL	PCF	POUNDS PER CUBIC FOOT (FEET)	PD	PRESSURE DROP	PF	PRE-FILTER	PG	PRESSURE GAGE	PHC	PREHEAT COIL	PPM	PARTS PER MILLION	PRS	PRESSURE REGULATING (VALVE) STATION			PRV	PRESSURE REGULATING VALVE	PSI	POUNDS PER SQUARE INCH	PSIA	POUNDS PER SQUARE INCH - ABSOLUTE	PSIG	POUNDS PER SQUARE INCH - GAGE	PTAC	PACKAGED TERMINAL AIR CONDITIONER			QNTY	QUANTITY			RA	RETURN AIR	RAF	RETURN AIR FAN	RAT	RETURN AIR TEMPERATURE	RD	REFRIGERANT DISCHARGE			REA	RELIEF AIR	RF	RETURN FAN	RH	RELATIVE HUMIDITY	RHC	REHEAT COIL	RLA	RUN LOAD AMPERE	RO	REVERSE OSMOSIS	RPM	REVOLUTIONS PER MINUTE	RS/RL	REFRIGERANT SUCTION AND ROOF TOP UNIT	RTU	ROOF TOP UNIT	RV	RELIEF VALVE			SA	SUPPLY AIR	SAT	SUPPLY AIR TEMPERATURE	SCFM	STANDARD CUBIC FEET PER MINUTE	SCR	SILICON CONTROLLED RECTIFIER	SEA	SMOKE EXHAUST AIR	SEN	SENSIBLE HEAT	SF	SUPPLY FAN	SHC	STEAM HEATING 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MECHANICAL SHEET INDEX	
SHEET NUMBER	DRAWING TITLE
M0.1	MECHANICAL LEGEND, ABBREVIATIONS, AND NOTES
M0.2	MECHANICAL SPECIFICATIONS
M0.3	MECHANICAL SCHEDULES
M0.4	MECHANICAL DETAILS
M1.1	NEW WORK FLOOR PLAN - MECHANICAL

ALPHA BLDG SET 06-17-2026



169 New Street, Macon, GA 31201  
 (478)741-4632 - T.E. project #25-098









# ELECTRICAL SPECIFICATIONS

DIVISION 26

ELECTRICAL

## SECTION A: GENERAL ELECTRICAL REQUIREMENTS

- THESE PLANS AND SPECIFICATIONS APPLY TO EARLY HOPE BAPTIST ACTIVITY CENTER, COVINGTON, GEORGIA. THE WORK DESCRIBED BY THESE PLANS AND SPECIFICATIONS APPLY TO THE INDICATED PROJECT AND MAY NOT BE MODIFIED OR REUSED WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
- ALL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTOR WITH MINIMUM OF TWO YEARS OF EXPERIENCE. LIST OF PREVIOUS JOBS AND REFERENCES SHALL BE MADE AVAILABLE UPON REQUEST. CONTRACTOR SHALL PROVIDE ADEQUATE INSURANCE FOR PERSONNEL AND SHALL REPAIR ANY DAMAGE OCCURRING AS THE RESULT OF THIS PROJECT SITE AND RELATED PROPERTY.
- ALL WORK SHALL BE PERFORMED IN A PROFESSIONAL MANNER IN ACCORDANCE WITH THE 2023 NATIONAL ELECTRICAL CODE, LIFE SAFETY CODE NFPA 101, ADA CODE, GA ACCESSIBILITY CODE, STATE OF GEORGIA ENERGY CODE AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
- ALL PERMITS AND FEES SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.
- ALL EQUIPMENT, MATERIAL, AND DEVICES SHALL BE LISTED OR RECOGNIZED BY UNDERWRITERS LABORATORY OR ELECTRICAL TESTING LABORATORY AND USED AND INSTALLED IN ACCORDANCE WITH ITS LISTING.
- ALL WORK PERFORMED SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE THE FINAL COMPLETION DATE EXCEPT FOR FUSES AND LAMPS IN LIGHT FIXTURES. UPON NOTIFICATION OF A PROBLEM, THE CONTRACTOR SHALL INVESTIGATE THE PROBLEM WITHIN 48 HOURS UNLESS A DIFFERENT TIME PERIOD IS AGREED TO. THE CONTRACTOR SHALL INVESTIGATE, REPAIR OR REPLACE ALL FAULTY EQUIPMENT WITHIN A REASONABLE TIME PERIOD WITHOUT CHARGE TO THE OWNER.
- THE TERM "PROVIDE" SHALL BE UNDERSTOOD TO MEAN, OBTAIN THE ITEM DESCRIBED, INSTALL ITEM IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, AND MANUFACTURER'S RECOMMENDATIONS.
- ALL PENETRATIONS MADE IN FIRE RATED BUILDING PORTIONS SHALL BE SEALED WITH A LISTED RESISTANT MATERIAL SUITABLE FOR THE APPLICATION.
- ALL INSTALLATIONS OF ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
- PLANS ARE DIAGRAMMATIC AND SHOW THE LOCATION OF THE EQUIPMENT. RACEWAY AND FITTINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED AT THE BUILDING SITE.
- CONTRACTOR SHALL VERIFY AND COORDINATE ALL EQUIPMENT AND DEVICE LOCATIONS WITH OWNER'S PROJECT MANAGER PRIOR TO INSTALLATION.
- EQUIPMENT BREAKER AND WIRING REQUIREMENTS: THE CONTRACTOR SHALL SUBMIT FOR REVIEW A TABULATED SHEET OF BREAKER AND WIRING REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT REQUIRING POWER AS SPECIFIED IN DIVISION 23. REQUIREMENTS SHALL BE IDENTIFIED BY HORSEPOWER OR KW, OPERATING AMPERAGE, REQUIRED VOLTAGE AND PHASE REQUIREMENTS, AND MANUFACTURERS SUGGESTED OVERCURRENT CIRCUIT PROTECTION DEVICE SIZE AND MINIMUM CIRCUIT AMPACITY SIZE. WHERE THE ELECTRICAL REQUIREMENTS SUBMITTED FOR MECHANICAL EQUIPMENT DIFFERS FROM THE BRANCH CIRCUITRY SHOWN ON THE ELECTRICAL DRAWINGS (WHEN USING THE BASIS OF DESIGN UNIT LISTED IN THE MECHANICAL SCHEDULES/SPECIFICATIONS OR A SIMILAR UNIT OF THE SAME SIZE FROM LISTED ALTERNATE MANUFACTURERS), THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS TO THE BRANCH CIRCUITRY PER THE CURRENT NEC AT NO ADDITIONAL COST TO THE OWNER. WHEN CHANGES ARE MADE TO POWER REQUIREMENTS FOR EQUIPMENT DUE TO OWNER, ARCHITECT/ENGINEER APPROVED VALUE ENGINEERING CHANGES TO EQUIPMENT, THE COST MUST BE INCLUDED IN THE VALUE ENGINEERING OVERALL CHANGE ORDER COST. COSTS DUE TO ADJUSTMENTS IN BRANCH CIRCUITRY TO EQUAL VALUE ENGINEERING CHANGES WILL NOT BE ALLOWED AFTER THE OVERALL VALUE ENGINEERING CHANGE ORDER HAS BEEN APPROVED. IN ALL CASES, BREAKER AND WIRING REQUIREMENTS FOR MECHANICAL EQUIPMENT MUST BE PROVIDED TO THE ENGINEER BEFORE OR AT THE SAME TIME AS THE SHOP DRAWINGS FOR THE ELECTRICAL DISTRIBUTION GEAR OR EQUIPMENT. IN NO CASE SHALL THE ELECTRICAL DISTRIBUTION GEAR OR EQUIPMENT BE ORDERED OR BRANCH CIRCUITRY ROUGHED IN PRIOR TO ENGINEER REVIEW AND COMMENT ON THIS DOCUMENT. ANY EQUIPMENT ORDERED OR BRANCH CIRCUITRY ROUGHED IN ON THE JOBSITE WITHOUT THIS REVIEW AND COMMENT WILL BE TOTALLY AT THE CONTRACTORS RISK.

## SECTION B: BASIC MATERIALS

- ALL CONDUCTORS USED FOR 600 VOLTS OR LESS SHALL BE HIGH GRADE COPPER CONDUCTORS WITH 75 DEGREE C, THIN OR THICK THERMOPLASTIC INSULATION. ALL CONDUCTORS SHALL BE MADE IN THE USA. ALL CONDUCTORS ROUTED IN UNDERGROUND CONDUIT SHALL BE RATED FOR WET LOCATIONS.
- ALL INTERIOR 120/208 VOLT, 20 AMP POWER AND LIGHTING WIRING SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING OR "MC" CABLE (IF NOT EXPOSED) FOR ALL INTERIOR CIRCUITS UNLESS OTHERWISE NOTED. "MC" CABLE IS USED, HOMERUNS SHALL BE IN 3/4 IN. EMT. POWER CIRCUITS FOR HVAC EQUIPMENT SHALL BE IN 3/4" ELECTRICAL METALLIC CONDUIT MINIMUM. ALL CONDUIT SHALL BE SUPPORTED FROM BUILDING STRUCTURE. IT SHALL NOT BE SUPPORTED FROM DUCTWORK, PIPING, CEILING GRID OR CEILING GRID SUPPORTS, OR ANY OTHER NON-STRUCTURAL ITEM. CONDUIT SHALL BE SUPPORTED IN ACCORDANCE WITH THE NEC. CONDUIT IN EXPOSED STRUCTURE AREAS SHALL BE EMT. GALVANIZED RIGID STEEL CONDUIT SHALL BE USED IN AREAS WHERE IT WILL BE EXPOSED TO PHYSICAL DAMAGE.
- CONDUIT UNDERGROUND SHALL BE SCHEDULE 40 PVC. IF MORE THAN ONE CONDUIT IS PROVIDED IN A SINGLE TRENCH, THE CONDUIT SHALL BE BACKED WITH SPACERS EVERY FOUR FEET TO MAINTAIN A MINIMUM SPACING BETWEEN CONDUIT OF TWO INCHES. BACKFILL USED FOR UNDERGROUND INSTALLATIONS SHALL BE FREE OF FOREIGN MATTER. WHERE EXPOSED TO WEATHER, CONDUIT SHALL BE GALVANIZED RIGID STEEL OR INTERMEDIATE METALLIC CONDUIT. THE CONDUIT SHALL BE TERMINATED WITH LISTED FITTINGS AND ALL CONDUIT ENDS SHALL BE REAMED AND SMOOTH. ALL CONDUIT ENDS IN BOXES SHALL BE PROVIDED WITH INSULATED BUSHINGS.
- A #12 INSULATED COPPER GROUND CONDUCTOR SHALL BE INCLUDED IN ALL BRANCH CIRCUITS RATED 20 AMPERES. ALL OTHER CIRCUITS AND FEEDERS WILL BE PROVIDED WITH AN INSULATED COPPER CONDUCTOR SIZED AS NOTED OR IN ACCORDANCE WITH THE NEC, WHICHEVER IS GREATER.
- THE MINIMUM SIZE OF ALL CONDUCTORS NOT OTHERWISE INDICATED IS #12 AND THE MINIMUM SIZE OF ALL CONDUIT UNLESS OTHERWISE INDICATED IS 1/2 IN.
- ALL JUNCTION BOXES SHALL BE PROVIDED WITH COVERS AND ALL UNUSED OPENINGS SHALL BE PLUGGED. ALL JUNCTION BOXES SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURE. COVERS OF BOXES SHALL BE LABELED WITH THE CIRCUIT NUMBER WITH A BLACK PERMANENT MARKER IN 3/4 IN. HIGH LETTERS (LEGIBLE HANDWRITTEN LETTERING IS ACCEPTABLE).
- ALL OUTLET BOXES SHALL BE SQUARE METAL BOXES. PROVIDE PLASTER RINGS FOR ALL OUTLET BOXES CONTAINING DEVICES TO PROVIDE A FIRM MOUNTING SUPPORT FOR THE DEVICE.
- ALL CONVENIENCE RECEPTACLES SHALL BE SPECIFICATION GRADE 20 AMP RECEPTACLES, OWNER TO SELECT COLOR, TAMPER RESISTANT (TR) TYPE.
- ALL LIGHT SWITCHES SHALL BE SPECIFICATION GRADE 20 AMP TOGGLE SWITCHES FULL LOAD RATED FOR TUNGSTEN-HALOGEN LAMPS, OWNER TO SELECT COLOR.
- PROVIDE FACEPLATES FOR ALL RECEPTACLES AND SWITCHES. COORDINATE STYLE AND COLOR WITH OWNER'S PROJECT MANAGER.
- PROVIDE BETWEEN 12 AND 24 INCHES OF LIQUID TIGHT FLEXIBLE CONDUIT BETWEEN RIGID CONDUIT AND AN ENCLOSURE CONTAINING MOTORS. THE FLEXIBLE CONDUIT SHALL BE SUPPORTED TO PREVENT THE CONDUIT FROM RESTING ON THE GROUND OR CONCRETE PAD.
- PROVIDE WEATHERPROOF RECEPTACLE WITHIN 25 FEET OF EACH PIECE OF EXTERIOR EQUIPMENT. THIS RECEPTACLE SHALL BE MOUNTED HORIZONTALLY WITH METAL HINGED "IN USE" COVER MOUNTED TO OPEN UP. THIS OUTLET SHALL BE A GFCI RECEPTACLE. THIS RECEPTACLE SHALL BE MOUNTED IN DIE CAST NON CORRODING METAL BOX.

- WHEN OUTLETS OR BOXES ARE INDICATED INSTALLED ON OPPOSITE SIDES OF THE SAME WALL, THE CONTRACTOR SHALL ADJUST THE LOCATION TO OFFSET THE OUTLETS WITH A WALL STUD PROVIDING SEPARATION.

## SECTION C: DISTRIBUTION EQUIPMENT

- CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUIT FOR ALL FEEDERS IN ACCORDANCE WITH THE PLANS.
- SEPARATELY MOUNTED CIRCUIT BREAKERS SHALL BE MOUNTED IN NEMA TYPE I ENCLOSURES IN INDOOR APPLICATIONS AND IN NEMA 3R ENCLOSURES IN EXTERIOR OR WET LOCATIONS. ALL CIRCUIT BREAKER ENCLOSURES SHALL BE PROVIDED WITH HINGED COVERS AND PROVISIONS FOR PADLOCKING THE COVERS.
- ALL EQUIPMENT CONTAINING MOTORS SHALL BE PROVIDED WITH A DISCONNECTING MEANS WITHIN TEN FEET OF THE UNIT UNLESS OTHERWISE NOTED. THIS DISCONNECTING MEANS SHALL AS A MINIMUM BE A NON-FUSED SWITCH OR TOGGLE STARTER SIZED TO MATCH THE EQUIPMENT. PROVIDE OTHER DEVICES AS NOTED ON THE PLANS. PROVIDE NEMA TYPE I ENCLOSURES INDOORS AND NEMA 3R OUTDOORS.
- PROVIDE GFCI CIRCUIT BREAKERS AND RECEPTACLES AS INDICATED ON THE PLANS AND IN THESE SPECIFICATIONS. THESE DEVICES SHALL BE CLASS A GFCI DEVICES.
- PROVIDE PANELS AS SCHEDULED ON PLANS. CIRCUIT BREAKERS SHALL BE THERMAL-MAGNETIC BREAKERS WITH A MINIMUM INTERRUPTING RATING OF 10,000 AIC FOR 120/208V AND 14,000 AIC FOR 277/480V OR AS INDICATED ON THE PLANS. BREAKERS SHALL HAVE 65/75 DEGREE C RATED TERMINATIONS. PANEL NOTED SHALL BE SERVICE ENTRANCE RATED. MOUNT PANELS WITH TOP OF PANEL 6 FT. ABOVE FLOOR, PROVIDE 3/4 IN., GREY PAINTED PLYWOOD BACKBOARD FOR ALL PANELS SECURED TO WALL WITH 1/4 IN. TOGGLE BOLTS. PANEL MANUFACTURERS: SQUARE D, GE, SEIMENS, AND CULTER HAMMER. ALL CURRENT CARRYING PARTS SHALL BE COPPER.
- SYSTEM COORDINATION: THE MANUFACTURER OF THE PANELBOARDS SHALL PROVIDE SERIES RATED EQUIPMENT BASED ON U.L. LISTED TEST RESULTS. THE CONTRACTOR SHALL VERIFY THE AVAILABLE SHORT CIRCUIT CURRENT AT THE SERVING TRANSFORMER.
- PROVIDE EACH PANELBOARD WITH A TYPEWRITTEN CIRCUIT BREAKER DIRECTORY CARD INSIDE A PLASTIC COVERING (EVERY CIRCUIT AND CIRCUIT MODIFICATION SHALL BE LEGIBLY IDENTIFIED AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE OR USE. THE IDENTIFICATION SHALL INCLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHERS). THE DIRECTORY AND COVERING SHALL BE LOCATED INSIDE A STEEL FRAME PROVIDED INSIDE THE DOOR OF EACH PANELBOARD. THE DIRECTORY SHALL BE TYPED TO IDENTIFY THE LOAD FED BY EACH CIRCUIT BREAKER AND THE AREAS SERVED.
- PROVIDE NAMEPLATES FOR ALL PANELBOARDS, DISCONNECT SWITCHES, ENCLOSED CIRCUIT BRAKERS, COMBINATION STARTERS, CONTACTORS, AND ALL OTHER ELECTRICAL DISTRIBUTION EQUIPMENT PANELS. MOUNT NAMEPLATES ON EXTERIOR OF THE DOOR OF ALL SURFACE MOUNTED PANELS AND EQUIPMENT. NAME PLATES SHALL BE LAMINATED PLASTIC PLATES WITH 3/16 IN. HIGH WHITE LETTERS ETCHED ON BLACK BACKGROUND. NAME PLATES SHALL BE INSTALLED PARALLEL TO EQUIPMENT LINES. THE NAME OR USAGE OF EACH DEVICE OR BRANCH CIRCUIT SHALL BE ETCHED IN THE NAMEPLATE. CONTRACTOR TO COORDINATE EXACT EQUIPMENT IDENTIFICATION WITH THE OWNER. SECURE NAMEPLATES VIA EPOXY GLUE.

## SECTION D: LIGHTING

- TYPES AND SPECIFIC REQUIREMENTS ARE PROVIDED ON THE LIGHTING FIXTURE SCHEDULE OR THE PLANS. ALL LIGHT FIXTURES SHALL BE PROVIDED WITH LAMPS, DRIVERS, BALLASTS, AND FULLY FUNCTIONING AT COMPLETION OF PROJECT.
- ALL LIGHTING FIXTURES SHALL BE U.L. LISTED AND HAVE A MINIMUM OF 5 YEAR ON-SITE REPLACEMENT WARRANTY FOR DEFECTIVE OR NON-STARTING SOURCE ASSEMBLIES, DRIVERS, AND FOR LUMINAIRE'S EXHIBITING INADEQUATE LUMEN OUTPUT. IT SHALL COVER MATERIAL, FIXTURE FINISH, WORKMANSHIP, AND SHIPPING. ON-SITE REPLACEMENT SHALL INCLUDE TRANSPORTATION, REMOVAL, AND INSTALLATION OF NEW FIXTURE.
- RATED LUMINAIRE WATTAGE SHALL BE ACTUAL, ACCOUNTING FOR ANY REDUCTION IN EFFICIENCY DUE TO SUB-OPTIMAL LOADING OF DRIVERS.
- BALLAST SHALL BE CAPABLE OF ACCEPTING THE VOLTAGE INDICATED ON THE LIGHTING FIXTURE SCHEDULE AND CAPABLE OF DIMMING IF REQUIRED. DRIVERS SHALL HAVE A CLASS A RATING, TOTAL HARMONIC DISTORTION OF LESS THAN 20%, AND SHALL NOT CONTAIN ANY POLYCHLORINATED BIPHENYL (PCB).
- ALL LIGHTING FIXTURES SHALL BE TESTED TO IES LM-79 AND IES LM-80 STANDARDS. OUTDOOR FIXTURES SHALL BE IP65 RATED. FIXTURES, BALLAST AND ALL COMPONENTS SHALL HAVE A SYSTEM LIFETIME OF 50,000 HOURS OR MORE AT 25 DEGREES CELSIUS AND SHALL MAINTAIN A MINIMUM OF 85% OF INITIAL LUMEN OUTPUT AFTER 55,000 HOURS OF OPERATION. LED'S SHALL HAVE COLOR RENDERING INDEX (CRI) OF 90 OR GREATER.
- ALL SURFACE MOUNTED FIXTURES SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURE. ALL CEILING MOUNTED FIXTURES SHALL BE SUPPORTED FROM STRUCTURE AND BRACED TO PREVENT MOVEMENT IF IMPACTED.
- ALL RECESSED FIXTURES IN LAY IN TYPE CEILINGS SHALL BE PROVIDED WITH GRID CLIPS TO FASTEN FIRMLY TO CEILING SUPPORT GRID. THE CEILING GRID SHALL BE SUPPORTED AT EACH CORNER OF A FIXTURE.
- CONNECTION TO ALL FIXTURES IN LAYIN CEILING SHALL BE BY FLEXIBLE CONDUIT OF FOUR TO SIX FEET IN LENGTH. A GROUND CONDUIT WILL BE INCLUDED WITH THIS CONNECTION.
- ALL LENSES ON FIXTURES SHALL BE 0.125 INCH THICK MINIMUM. ALL HOUSINGS SHALL BE 22 GAUGE STEEL MIN. AND HAVE A POST FABRICATION HIGH REFLECTIVE WHITE FINISH.

## SECTION E: FIRE ALARM SYSTEM (FULL VOICE EVAC SYSTEM COMPLETE WITH MICROPHONE PER CURRENT NFPA CODES)

- ACCEPTABLE MANUFACTURERS: NOTIFIER, FIRE LITE, EDWARDS, OR SILENT KNIGHT.
- PROVIDE A COMPLETE OPERABLE FIRE ALARM SYSTEM FOR THIS PROJECT. THE MAIN PANEL SHALL BE LOCATED AS SHOWN. THE FIRE ALARM SYSTEM SHALL BE DESIGNED FOR CLASS B OPERATION. THE WIRING FOR THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN 1/2 IN. ELECTRICAL METALLIC TUBING. PROVIDE INSULATED FITTINGS ON ALL CONDUIT ENDS. THE FIRE ALARM SHALL BE MADE IN THE USA AND BE UL LISTED. ALL WIRING AND DEVICES FOR THE SYSTEM SHALL BE SUPERVISED. COLOR CODE THE CONDUIT EVERY 24 IN. WITH RED MARKINGS (EXCEPT WHERE EXPOSED).
- THE MAIN PANEL SHALL HAVE A BATTERY BACKUP AND BE SURGE PROTECTED. THE BATTERY SHALL BE CAPABLE OF PROVIDING NORMAL OPERATION FOR A PERIOD OF 24 HOURS WITH ENOUGH RESERVE TO ANNUNCIATE A BUILDING ALARM FOR 90 MINUTES.
- NEW DEVICES SHALL BE PROVIDED WITH RECESSED METAL BOXES. ALL DEVICES SHALL BE MOUNTED FLUSH WITH WALL EXCEPT FOR PULL STATIONS WHICH SHALL BE SEMI-FLUSH.
- NEW SPEAKER/STROBE DEVICES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. THE SPEAKER SHALL PRODUCE A SOUND LEVEL OF 75 DECIBELS AND THE STROBE SHALL PRODUCE A FLASHING PULSE OF LIGHT OF 75 CANDELA.
- STROBE DEVICES SHALL PRODUCE A FLASHING PULSE OF LIGHT OF 75 CANDELLA.
- NEW PULL STATIONS SHALL BE NON-GLASS-BREAK TYPE AND KEVED THE SAME AS THE FIRE ALARM PANEL.
- THE SMOKE DETECTORS SHALL BE THE PHOTOELECTRIC TYPE POWERED FROM THE MAIN FIRE ALARM PANEL.
- THE GENERAL BUILDING ALARM WILL SOUND WHEN ACTIVATED AT THE CONTROL PANEL, BY SMOKE DETECTORS, OR BY A PULL STATION. ALARM WILL ALSO SOUND WHEN ACTIVATED BY A DUCT SMOKE DETECTOR.

- THE MAIN PANEL SHALL PROVIDE INDICATION OF EACH INITIATING DEVICE LOCATION FOR ALARM, TROUBLE AND SUPERVISORY CONDITIONS. THE PANEL SHALL HAVE LAMP TEST, ALARM SILENCE, TROUBLE AND SUPERVISORY SILENCE, SYSTEM RESET, AND ALARM INITIATE CONTROLS. THE PANEL SHALL ALSO INDICATE VOLTAGE AND BATTERY TEST. THE PANEL SHALL ALSO INCLUDE AN LCD DISPLAY. PANEL SHALL BE IN A SURFACE MOUNTED ENCLOSURE WITH LOCKABLE, SEE THROUGH, HINGED FRONT COVER.

- THE FIRE ALARM PANEL SHALL BE EQUIPPED WITH A DIGITAL TRANSMITTER AND CELLULAR COMMUNICATOR FOR OFF PREMISES REMOTE MONITORING (FIRE DEPARTMENT) DURING ALARM CONDITION. PROVIDE 3/4 IN. CONDUIT FROM FIRE ALARM PANEL TO TELEPHONE BACKBOARD, FIELD COORDINATE.
- PROVIDE REMOTE ANNUNCIATOR PANEL AS SHOWN ON PLANS. THE ANNUNCIATOR PANEL SHALL BE PROVIDED WITH AN LCD DISPLAY AND COMPLETE CONTROL PUSH BUTTONS INCLUDING, BUT NOT LIMITED TO, ALARM ACKNOWLEDGE, ALARM SILENCE, RESET, ETC.
- PROVIDE PHOTO ELECTRIC TYPE DUCT MOUNTED SMOKE DETECTORS WHERE SHOWN IN HVAC SUPPLY DUCT. UNIT SHALL HAVE SAMPLING TUBES THAT EXTEND THE WIDTH OF THE DUCT. PROVIDE REMOTE INDICATOR ACCESSIBLE IN NEAREST MECH/ELEC ROOM FOR EACH DETECTOR, WHICH WILL INDICATE WHICH DETECTOR IS ACTIVATED.
- SEE FIRE ALARM SUBCONTRACTOR SUBMITTAL REQUIREMENTS TO AUTHORITY HAVING JURISDICTION ON SHEET E-301 FOR ADDITIONAL REQUIREMENTS. FIRE ALARM SUBCONTRACTOR RESPONSIBLE FOR ALL ADDITIONAL DEVICES AND EQUIPMENT AS REQUIRED TO MEET ALL NFPA, IBC, GEORGIA STATE AND LOCAL CODES.

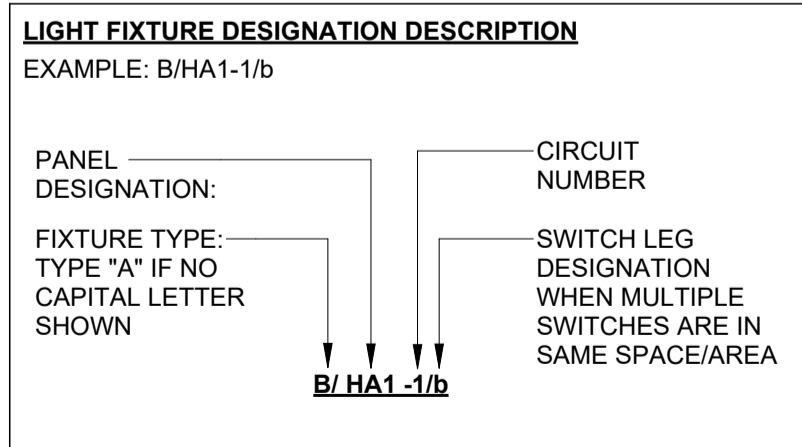
## LIGHTING FIXTURE SCHEDULE

LETTER	DESCRIPTION	MANUFACTURER / MODEL
A	ROUND LED HIGHBAY WITH THICK CLEAR TEMPERED GLASS LENS: WIDE DISTRIBUTION; DIE CAST ALUMINUM HOUSING WITH ALUMINUM DIE CAST DRIVER AND WIRE GUARD. FIELD SELECTABLE LUMEN OUTPUT AND COLOR TEMPERATURE. COORDINATE FINISH WITH OWNER/ARCHITECT.	LITHONIA "REBL" SER., METALUX "UHBS" SER., COLUMBIA "CRN2" SER., DAY-BRITE "HCY" SER.
OA	BUILDING MOUNTED WALL PACK, WEDGE/TRAPEZOID SHAPE DIE CAST HOUSING, IP65 RATED OR BETTER WITH GASKETED BACK PLATE AND LED PANELS. TYPE 4 WIDE DISTRIBUTION. VERIFY EXACT MOUNTING HEIGHTS WITH ARCHITECTURAL. COORDINATE FINISH WITH OWNER/ARCHITECT. PROVIDE 10 WATT EMERGENCY BATTERY PACK WHERE INDICATED ON THE DRAWINGS.	LITHONIA "WDGE" SER., MCGRAW-EDISON "IST" SER., BEACON "TRP" SER., GARDCO "101L" SER.
EX	LED INTEGRATED THERMOPLASTIC COMBO EXIT/EMERGENCY, IMPACT RESISTANT HOUSING; TOP, END, OR BACK MOUNTING STANDARD. UNIVERSAL FIELD SELECTABLE SINGLE OR DOUBLE FACE. FIELD SELECTABLE RED OR GREEN ILLUMINATION. FIELD SELECTABLE CHEVRONS, WHITE / BLACK ENCLOSURE. (PROVIDE 90 MIN. BACK-UP BATTERY), PROVIDE WIREGUARD FOR FIXTURES.	LITHONIA "LHQM" SER., SURE-LITES "LPX-C" SER., COMPASS "CC" SER., BEGHELLI "EPC" SER.
EU	LED 2 HEAD EMERGENCY UNIT, ROUND HEAD, LOW PROFILE CONTEMPORARY DESIGN WITH THERMOPLASTIC HOUSING, IMPACT RESISTANT, DAMP LOCATION LISTED (PROVIDE 90 MIN. BACK-UP BATTERY), PROVIDE WIREGUARD FOR FIXTURES.	LITHONIA "ELM4" SER., LIGHT ALARMS "LCA" SER., SURELITES "SEL50" SER., BEGHELLI "BBX" SER.

- NOTES:
- CONTRACTOR TO VERIFY ALL VOLTAGES, GRID AND CEILING TYPES WITH THE ARCHITECT AND COORDINATE FIXTURE DIMENSION SIZE TO ENSURE A PROPER FIT IN ALL CEILING TYPES PRIOR TO ORDERING.
  - PROVIDE UNSWITCHED HOT TO EXIT SIGNS, EMERGENCY FLOOD LIGHTS AND EXTERIOR BUILDING EGRESS LIGHTING.
  - ALL LUMEN LISTED ARE DELIVERED LUMENS. ALL EQUALS TO SPECIFIED FIXTURES SHALL NOT BE ANY LOWER THAN 5% OF SPECIFIED WATTAGE.
  - LISTING OF MANUFACTURERS DOES NOT EQUAL AUTOMATIC APPROVAL. ALL CHARACTERISTICS NOTED IN DESCRIPTION SECTION MUST BE MET IN ORDER TO BE APPROVED. WHERE VENDOR/REP DOES NOT HAVE ONE MANUFACTURER LISTED, PRIOR APPROVAL IS REQUIRED TO BE SUBMITTED TO ENGINEER TEN (10) DAYS PRIOR TO BID.

## WIRE COLOR CODE

A/C	120/208	277/480
PHASE A	BLACK	BROWN
PHASE B	RED	ORANGE
PHASE C	BLUE	YELLOW
NEUTRAL	WHITE	GRAY
GROUND	GREEN	GREEN



PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING).

## LEGEND

SYMBOL	DESCRIPTION
(Symbol)	CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALL CONTAINING 3 NUMBER 12 CONDUCTORS UNLESS SHOWN OTHERWISE. HASH MARKS, IF SHOWN, INDICATE QUANTITY OF NUMBER 12 CONDUCTORS. WHERE DRAWING SPACE PROHIBITS HASH MARKS BEING SHOWN REFER TO CIRCUIT NUMBERS AND PROVIDE REQUIRED NUMBER OF CONDUCTORS PER CIRCUIT TYPE.
(Symbol)	CONDUIT RUN CONCEALED IN OR BELOW FLOOR SLAB, OR UNDERGROUND.
(Symbol)	HOMERUN TO PANELBOARD, LETTER OR LETTERS INDICATE PANELBOARDS, NUMBERS INDICATE CIRCUIT NUMBERS.
(Symbol)	EXPOSED CONDUIT RUN.
(Symbol)	L.E.D. LIGHTING FIXTURE, SURFACE WALL BRACKET MOUNTED. MOUNTING HEIGHT AS NOTED.
(Symbol)	L.E.D. LIGHTING FIXTURE, SURFACE WALL BRACKET MOUNTED. MOUNTING HEIGHT AS NOTED. SEE FIXTURE SCHEDULE FOR BATTERY PACK INFORMATION (IF APPLICABLE).
(Symbol)	L.E.D. HIGH BAY OR PENDANT FIXTURE. CEILING PENDANT MOUNTED.
(Symbol)	EXIT LIGHT.
(Symbol)	EMERGENCY PACK FIXTURE.
(Symbol)	JUNCTION BOX LOCATED ABOVE CEILING OR BELOW GRADE.
(Symbol)	DUPLEX CONVENIENCE OUTLET, +18" TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED. TAMPER RESISTANT (TR) TYPE.
(Symbol)	DUPLEX CONVENIENCE OUTLET, GFI TYPE, +18" TO CENTER LINE UNLESS OTHERWISE NOTED. "WP" WHERE SHOWN INDICATES WEATHER-RESISTENT DEVICE WITH METAL IN-USE WEATHERPROOF COVER. TAMPER RESISTANT (TR) TYPE.
(Symbol)	DUPLEX CONVENIENCE OUTLET, GFI TYPE. MOUNTED ABOVE COUNTER AT +46" TO CENTERLINE OF RECEPTACLE UNLESS NOTED OTHERWISE. TAMPER RESISTANT (TR) TYPE.
(Symbol)	QUADRUPLX RECEPTACLE, +18" TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED. TAMPER RESISTANT (TR) TYPE.
(Symbol)	SINGLE POLE TOGGLE SWITCH, +46" TO CENTER LINE MOUNTING HEIGHT.
(Symbol)	LOW VOLTAGE SWITCH WALL MOUNTED. +46" TO CENTER LINE MOUNTING HEIGHT. SEE LOW VOLTAGE SWITCHING NOTES FOR SWITCH BUTTON QUANTITY, CONFIGURATION, AND OPERATION.
(Symbol)	PANELBOARD, SEE SCHEDULE.
(Symbol)	DISCONNECT SWITCH, SIZE AS NOTED ON DRAWINGS. FUSED PER MANUFACTURER'S NAME PLATE DATA OF EQUIPMENT SERVED.
(Symbol)	SINGLE OR DOUBLE POLE, MINIMUM 20 AMP MOTOR RATED ENCLOSED SWITCH WITH "LOCK-OUT" OPTION. MOUNTED NEAR EQUIPMENT BEING SERVED.
(Symbol)	MOTOR.
(Symbol)	PLYWOOD BACKBOARD "T.B." INDICATES TELECOMMUNICATIONS BOARD.
(Symbol)	FIRE ALARM SYSTEM (VOICE EVAC)
(Symbol)	FIRE ALARM CONTROL PANEL. SURFACE WALL MOUNTED.
(Symbol)	FIRE ALARM LCD REMOTE ALPHANUMERIC ANNUNCIATOR. FLUSH WALL MOUNTED.
(Symbol)	VOICE EVACUATION REMOTE MICROPHONE.
(Symbol)	PULL STATION. WALL MOUNTED +46" TO CENTER LINE MOUNTING HEIGHT.
(Symbol)	VOICE EVACUATION SIGNAL, SPEAKER, AND STROBE LIGHT, +6'-10" MOUNTING HEIGHT TO CENTER OF DEVICE. PROVIDE WIREGUARD AT ALL SPEAKER/STROBE DEVICES.
(Symbol)	SMOKE DETECTOR, CEILING MOUNTED.
(Symbol)	FIRE ALARM DUCT SMOKE DETECTOR. LOCATED IN HVAC SUPPLY AIR DUCT. PROVIDE IN UNITS 2000 CFM AND GREATER. DETECTOR SHALL SHUT DOWN UNIT UPON ACTIVATION. DETECTOR PROVIDED BY ELECTRICAL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR. COORDINATE EXACT LOCATION WITH MECHANICAL DRAWINGS PRIOR TO ROUGHING IN.

## GENERAL NOTES:

- DO NOT SCALE DRAWINGS TO LOCATE EQUIPMENT OR OUTLETS.
- MOUNTING HEIGHTS AS INDICATED ON THE DRAWINGS SHALL BE FROM THE FINISHED FLOOR TO THE CENTER LINE OF THE OUTLET BOX.
- THE ELECTRICAL DRAWINGS ARE ONLY A PART OF THE CONTRACT DOCUMENTS. ALL OF THE DRAWINGS AND SPECIFICATIONS MUST BE REVIEWED FOR THEIR INTERRELATIONSHIP AND REQUIRED COORDINATION BETWEEN DISCIPLINES.
- [ 112 ] SYMBOL INDICATING ROOM OR SPACE NUMBER.
- IN AREAS WHERE COMPUTER OUTLETS AND TELEPHONE OUTLETS ARE LOCATED BENEATH A WINDOW, AND WINDOW PREVENTS THE ROUTING OF CONDUIT UP TO CEILING SPACE, CONDUIT SHALL BE ROUTED TO A WALL WHICH ALLOWS CONDUIT TO RISE UP TO CEILING SPACE.
- ALL CONDUIT ROUTED FROM DISCONNECT TO EXTERIOR HVAC UNITS SHALL BE ROUTED UNDERGROUND. TURN UP ADJACENT TO UNIT AND MAKE TRANSITION TO SEALTITE TO SERVE UNIT. CONDUIT SHALL BE ROUTED CONCEALED IN WALL.
- ALL FLUSH RECESSED OUTLET BOXES SHALL BE INSTALLED SUCH THAT FRONT EDGE OF BOX WILL NOT BE SET BACK OF THE FINISHED SURFACE MORE THAN 1/4" IN ORDER TO COMPLY WITH N.E.C. 314-20. SUPPORT OF OUTLET BOX BY RECEPTACLE AND COVERPLATE IS NOT ACCEPTABLE.
- ALL CONDUIT, OUTLET BOXES, AND LOW VOLTAGE CABLING SHALL BE APPROPRIATELY SUPPORTED THROUGHOUT THE PROJECT. SUPPORT OF THESE ITEMS BY CEILING GRID OR GRID SUPPORT WIRES IS NOT ACCEPTABLE.
- ALL RECEPTACLES LOCATED WITHIN 6'-0" TO THE EDGE SINK OR OTHER WATER SOURCE SHALL BE GFCI TYPE DEVICE IN ACCORDANCE WITH N.E.C 210-8.7. COORDINATE LOCATIONS WITH ARCHITECTURAL AND PLUMBING DRAWINGS PRIOR TO ROUGH-IN.
- COORDINATE EXACT LOCATION OF ALL MECHANICAL AND PLUMBING EQUIPMENT WITH DIVISION 23 PRIOR TO ROUGH IN. ADJUST LOCATION OF DISCONNECTING MEANS AND BRANCH CIRCUITRY AS REQUIRED.
- ALL RECEPTACLES SHALL BE TAMPER RESISTANT (TR) RATED.

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PROJECT NUMBER: 25-033

REVISIONS	NO.	DATE	ISSUE
	1	03/09/2026	REVISION 1 (OWNER REQUESTED MODIFICATION)

**EARLY HOPE BAPTIST ACTIVITY CENTER**

1129 ROCKY PLAINS RD  
COVINGTON, GA 30016

LEGEND, NOTES, DETAILS, AND FIXTURE SCHEDULE

**E-101**

PERMIT



PROJECT NUMBER: 25-033

ISSUE: REVISION 1 (OWNER REQUESTED MODIFICATION)  
 NO. DATE: 1 03/09/2026

**EARLY HOPE BAPTIST ACTIVITY CENTER**

1129 ROCKY PLAINS RD  
 COWINGTON, GA 30016

FLOOR PLAN - LIGHTING

E-201

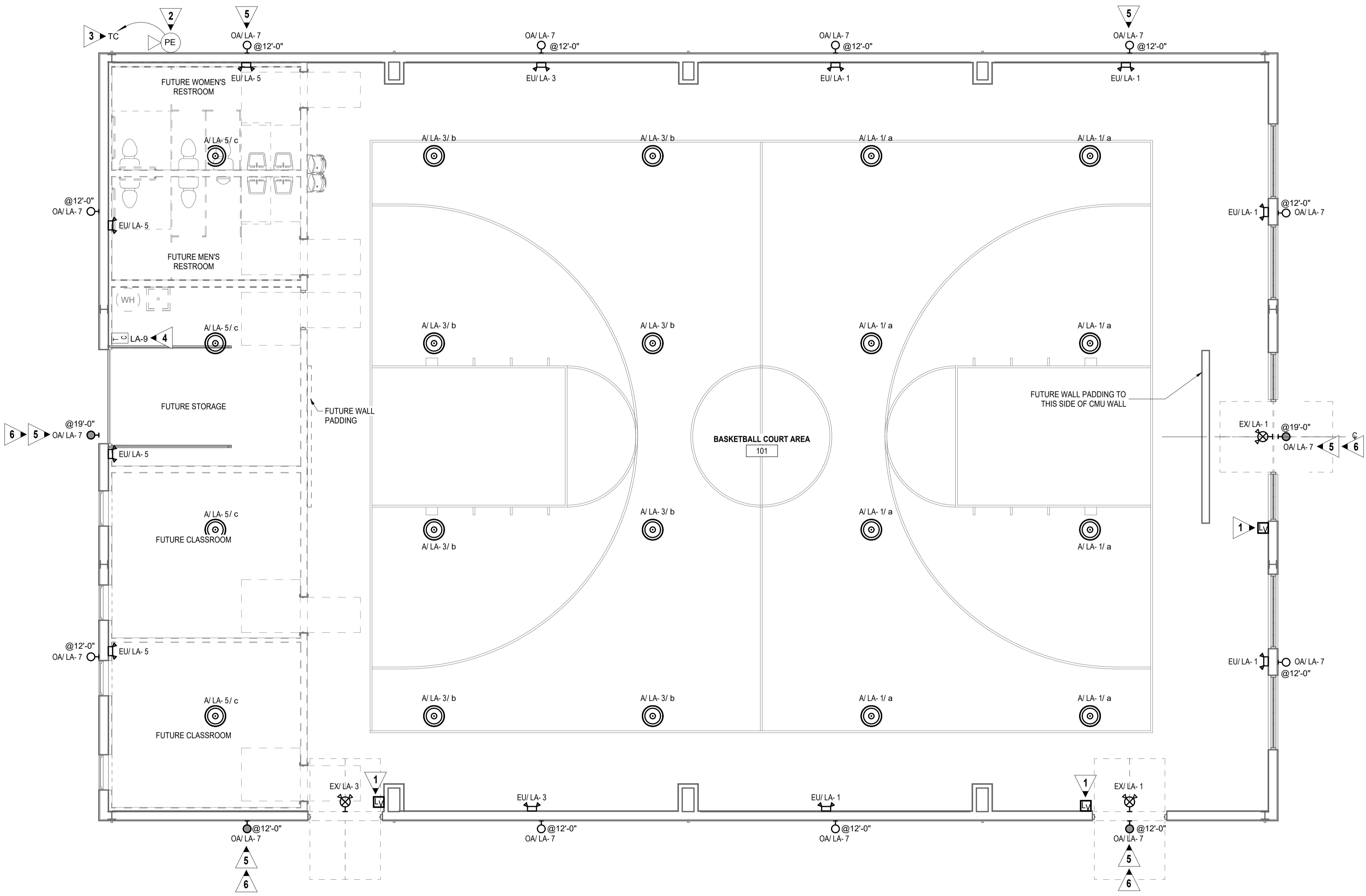
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**GENERAL LIGHTING NOTES:**

1. LOWER CASE LETTERS AT SWITCHES AND LIGHT FIXTURES ON THIS SHEET ARE SHOWN TO CLARIFY THE FIXTURES BEING CONTROLLED BY THE ASSOCIATED SWITCHES.
2. PROVIDE UN-SWITCHED "HOT" CONDUCTOR TO EACH EXIT SIGN AND EMERGENCY LIGHT FIXTURE.
3. CONTRACTOR SHALL PROVIDE CLASS 2,600 VOLT RATED, 0-10 VOLT CONTROL WIRING FOR ALL L.E.D. FIXTURES WHERE CONTROLLED BY LOW-VOLTAGE CONTROLLERS OR WALL BOX DIMMERS.
4. FOR ALL CONDUIT INSTALLATIONS, CONTRACTOR SHALL PULL #18 AWG TFM SOLID COPPER CONTROL WIRING IN SAME CONDUIT AS LINE-VOLTAGE CONDUCTORS SHALL BE PURPLE AND GRAY. FIXTURE WHIPS SHALL BE PROVIDED WITH CONTROL WIRING INSTALLED IN WHIPS TO MATCH INSTALLATION. FIXTURE WHIPS SHALL NOT EXCEED 6'-0" IN LENGTH. NO EXCEPTIONS.
5. HOMERUN CIRCUITS ARE SHOWN AS NOTED. PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS/TRAVELERS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS.
6. PROVIDE WIREGUARD FOR ALL "EU" & "EX" FIXTURES.

**KEYED NOTES:**

1. PROVIDE A THREE ZONE ROOM LIGHTING CONTROLLER SYSTEM. PROVIDE SYSTEM WITH THREE MULTISCENE (4-SCENE+OFF+RAISE/LOWER) WALL BOX STATIONS AS SHOWN. PROVIDE SYSTEM COMPLETE WITH POWER PACKS AND CONNECTIVITY BETWEEN CONTROLLER. ROUTE ALL LIGHTING CIRCUITS VIA CONTROLLER OR CONTROLLED POWER PACKS. SYSTEM TO BE FULLY PROGRAMMABLE. PROVIDE INTERCONNECTIVITY REQUIRED BY SYSTEM PROVIDED. BASIS OF DESIGN IS THE NLIGHT NPOD SYSTEM. SYSTEM SHALL CONTROL FIXTURES WITH SHOWN INDICATIONS (a, b, c) WITH EACH INDICATION REPRESENTING A SEPARATELY CONTROLLED ZONE.
2. LOCATE P.E. CELL FACING NORTH, CLEAR OF MAN MADE LIGHT SOURCES. J-BOX TO HOUSE P.E. CELL SHALL BE RECESSED MOUNTED WITH STAINLESS STEEL COVER.
3. ROUTE 5#12, 1/2 IN. C. TO LIGHTING CONTROL TIME CLOCK FOR AUXILIARY SWITCH CONTROL INPUT.
4. PROVIDE 365 DAY DIGITAL PROGRAMMABLE TYPE ELECTRONIC CONTROL TIMECLOCK WITH MINIMUM 4 CONTACTS AND MINIMUM 96 ON/OFF EVENTS PER WEEK. CONTACTS RATED FOR MINIMUM 30 AMPS AND 120 VOLTS. PROVIDE WITH NEMA TYPE 1 ENCLOSURE AND CAPACITOR BACKUP. PROVIDE WITH AUTO-ON-OFF FUNCTION. PROVIDE AUXILIARY INPUT FROM PHOTO CELL FOR OVERRIDE ON OR OFF CONTROL.
5. ROUTE VIA 4 POLE EXTERIOR LIGHTING CONTACTOR/TIMECLOCK LOCATION ADJACENT PANEL "LA". PHOTO CELL SHALL CONTROL DUSK TILL DAWN OPERATION. TIMECLOCK SHALL INTERRUPT CIRCUIT DURING MIDNIGHT HOURS. SEE KEYED NOTE 4. USE #10'S ENTIRE CIRCUIT. PROVIDE MANUAL OVERRIDE SWITCH. COORDINATE FINAL LOCATION WITH OWNER. PULL UNSWITCHED HOT TO TYPE "OA" FIXTURES PROVIDED WITH BATTERY PACK.
6. PROVIDE "OA" FIXTURE WITH BATTERY PACK. SERVE WITH UNSWITCHED HOT.



**1 FLOOR PLAN - LIGHTING**  
 E-201 SCALE: 3/16" = 1'-0"

**ALPHA BLDG SET 06-17-2026**



PROJECT NUMBER: 25-033

REVISIONS NO. DATE ISSUE REVISION (OWNER REQUESTED MODIFICATION) 1 03/09/2026

EARLY HOPE BAPTIST ACTIVITY CENTER

1129 ROCKY PLAINS RD COWINGTON, GA 30016

FLOOR PLAN - POWER & SYSTEMS

E-301

PERMIT

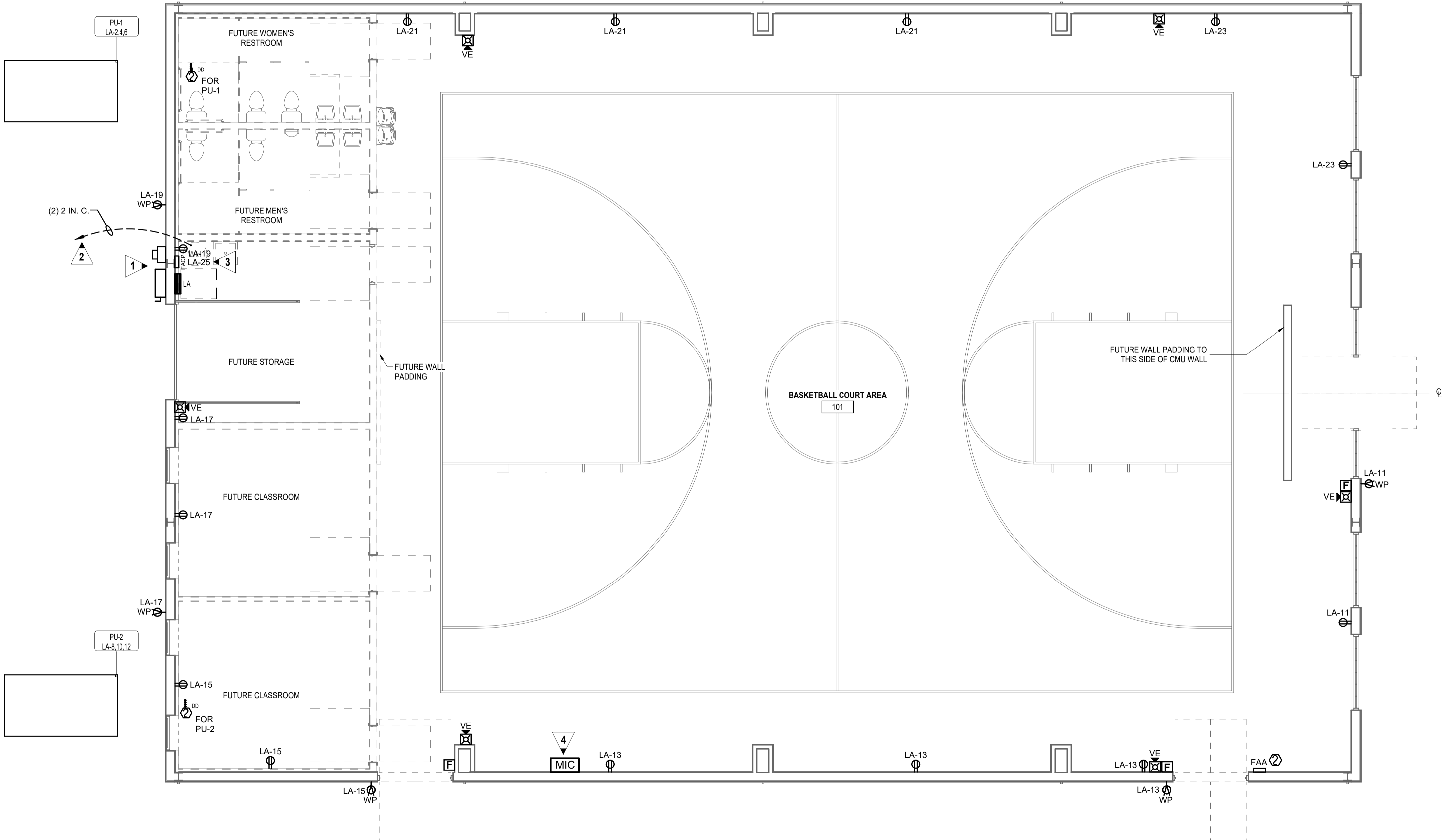
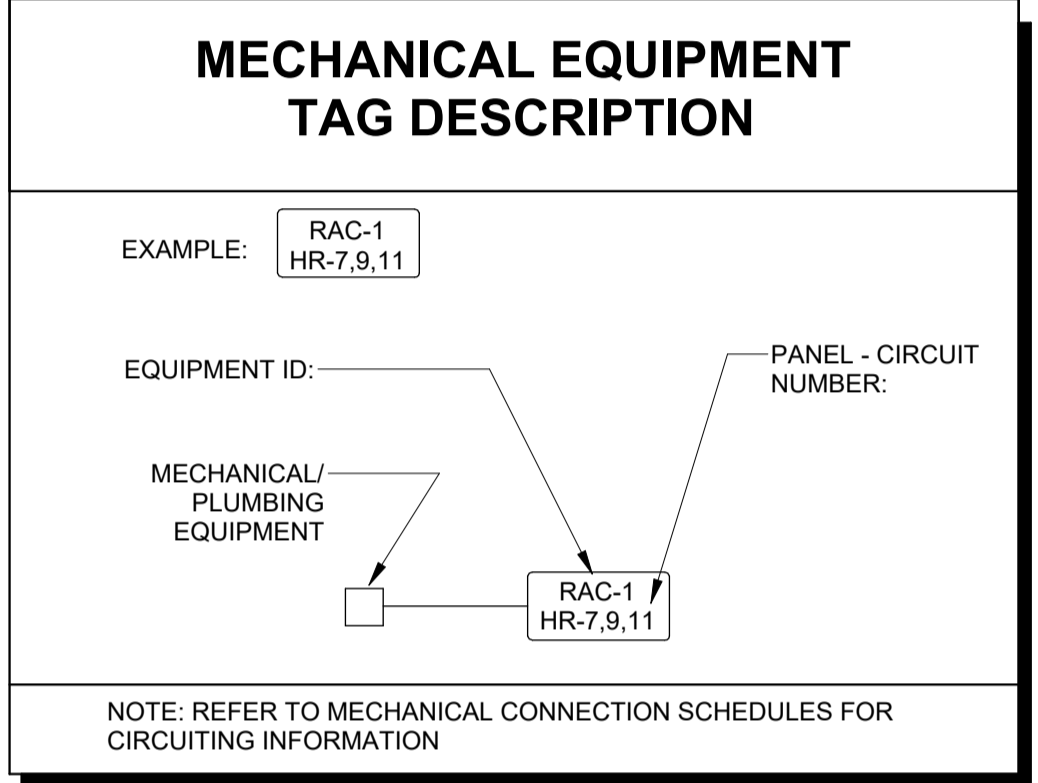
MECHANICAL CONNECTION SCHEDULE table with columns: EQUIPMENT INFORMATION, CIRCUIT INFORMATION, CONDUIT & WIRE SIZE, NOTES, DISC. Includes package units PU-1 and PU-2.

GENERAL NOTES:

- 1. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT PRIOR TO ELECTRICAL ROUGH-IN.
2. ALL FLEXIBLE CONDUIT SHALL BE METALLIC WATERPROOF.
3. COORDINATE FINAL RECEPTACLE LOCATIONS WITH ARCHITECTURAL CASEWORK AND OWNER PRIOR TO ROUGH-IN. NO EXCEPTIONS.
4. COORDINATE EXACT CONDUIT REQUIREMENTS FOR THERMOSTATS TO ALL AIR HANDLING UNITS. SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS.
5. FIRE SEAL ALL FIREWALL PENETRATIONS.
6. CALL UNDERGROUND UTILITY CENTER AND VERIFY ALL UNDERGROUND UTILITIES.
7. UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC.

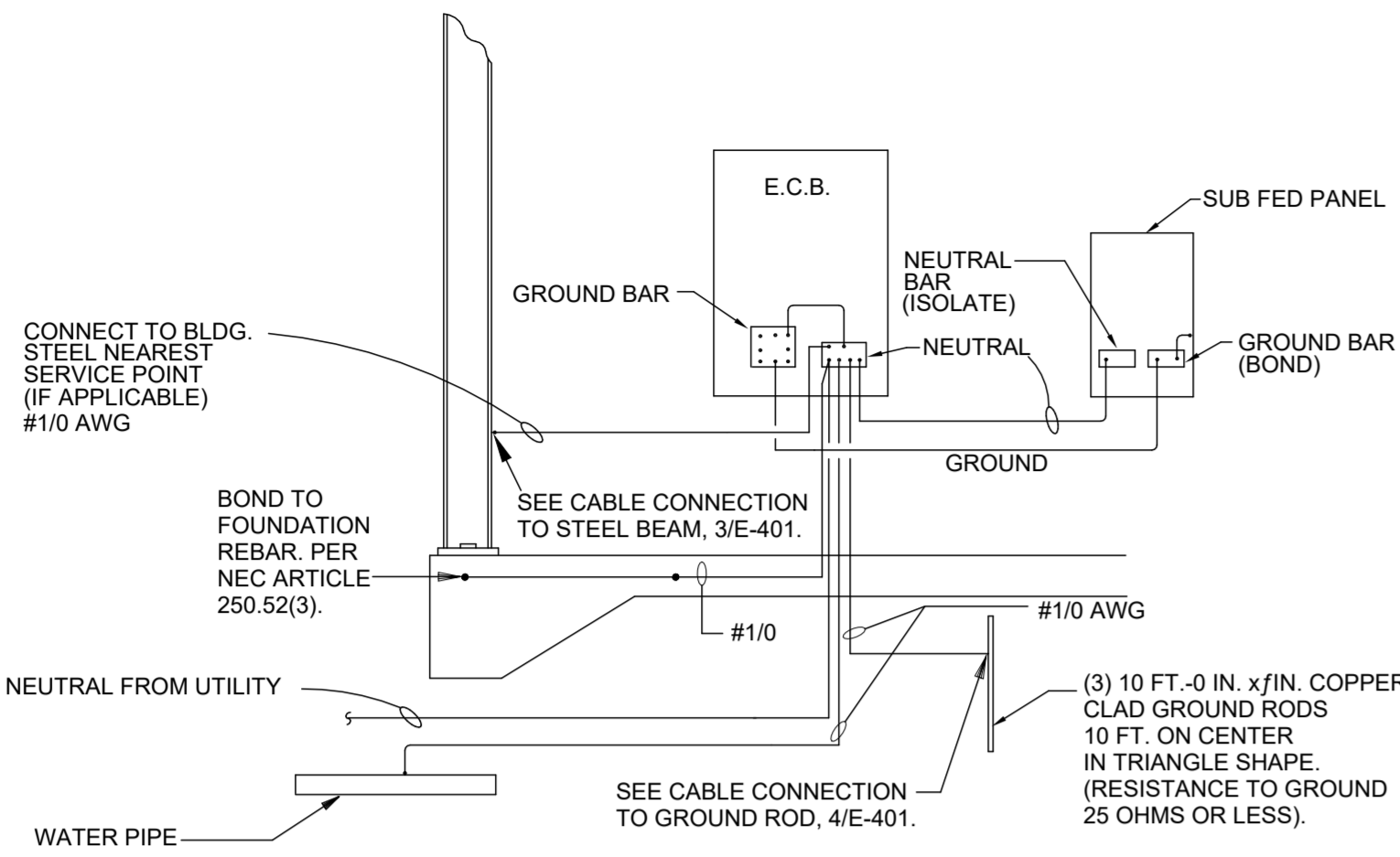
KEYED NOTES:

- 1 SEE POWER RISER DIAGRAM, 1/E-401.
2 ROUTE (2) 2 IN. C. FOR TELECOM/FIBER. STUB UP IN GYM AND CAP OFF. COORDINATE EXACT ROUTING LOCATION WITH OWNER.
3 LABEL CIRCUIT BREAKER SERVING FIRE ALARM CONTROL PANEL WITH RED NAME PLATE "FIRE ALARM CIRCUIT". LABEL FIRE ALARM CONTROL PANEL WITH CIRCUIT NUMBER SERVING PANEL. PROVIDE HASP LOCK FOR BREAKER.
4 COORDINATE EXACT LOCATION OF VOICE EVAC REMOTE MICROPHONE WITH AHJ PRIOR TO ROUGH-IN.

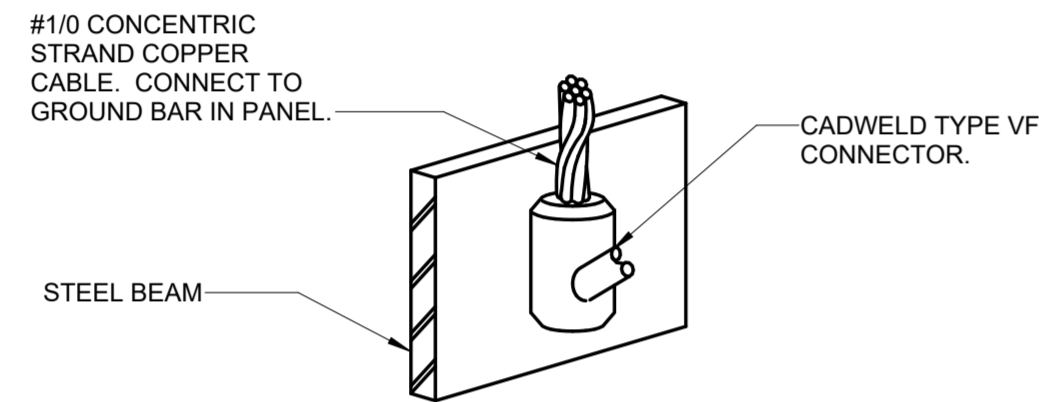


1 FLOOR PLAN - POWER & SYSTEMS E-301 SCALE: 3/16" = 1'-0"

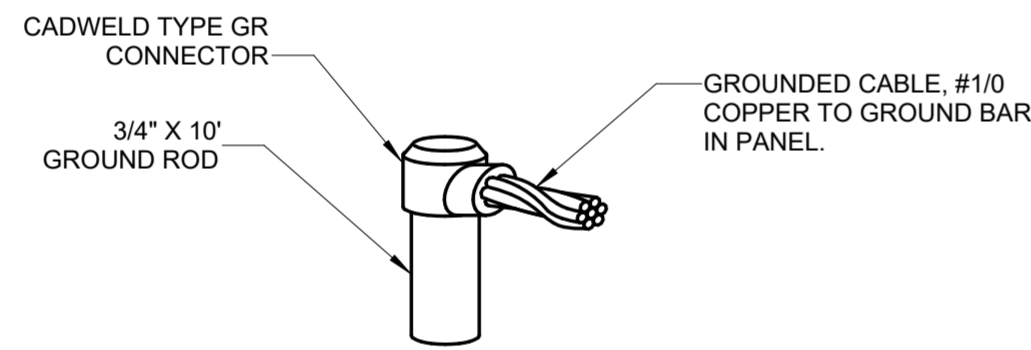
ALPHA BLDG SET 06-17-2026



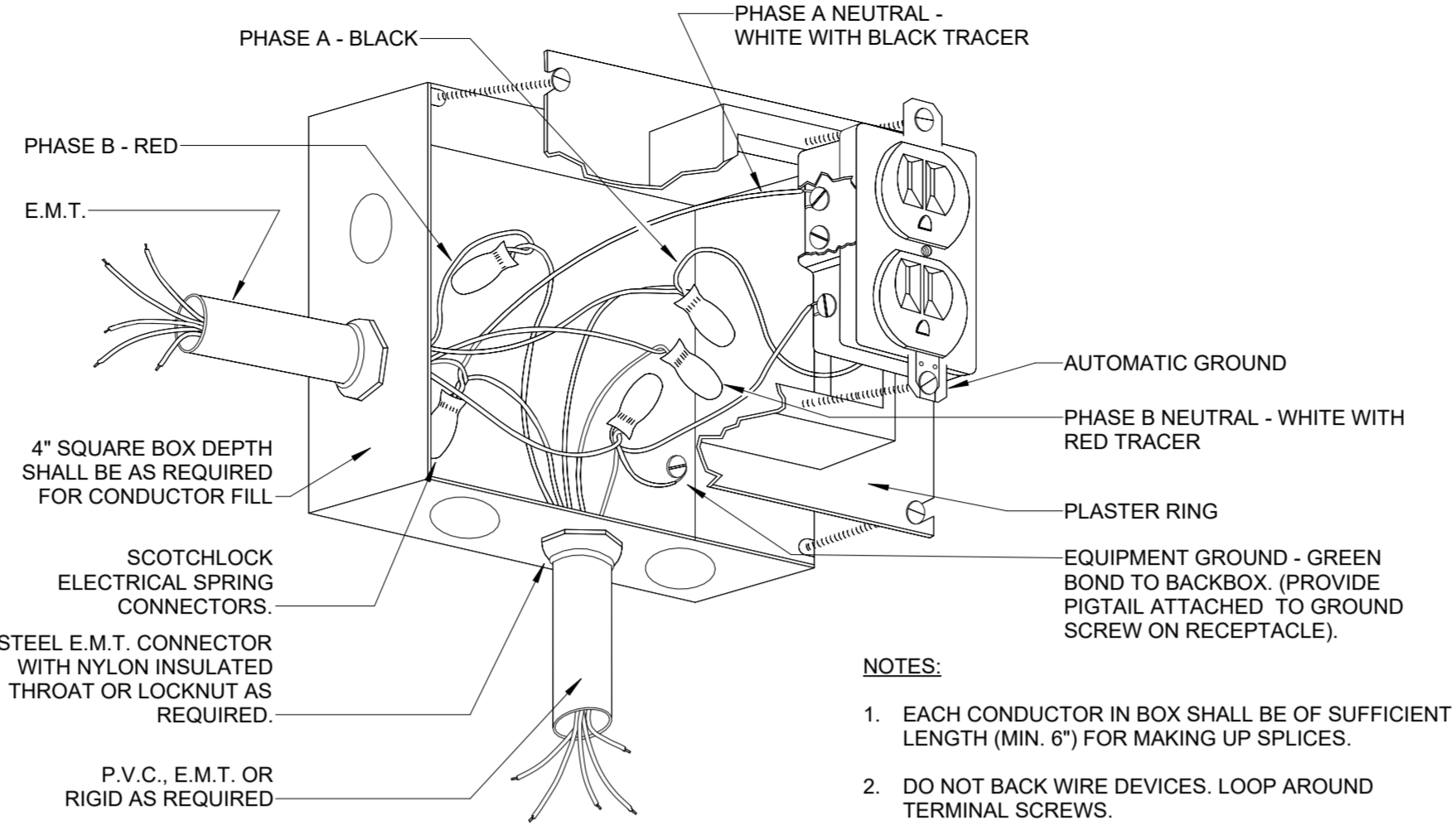
**2** DETAIL - SERVICE GROUNDING  
E-401 NO SCALE



**3** DETAIL - CABLE CONNECTION TO STEEL BEAM  
E-401 NO SCALE



**4** DETAIL - CABLE CONNECTION TO GROUND ROD  
E-401 NO SCALE

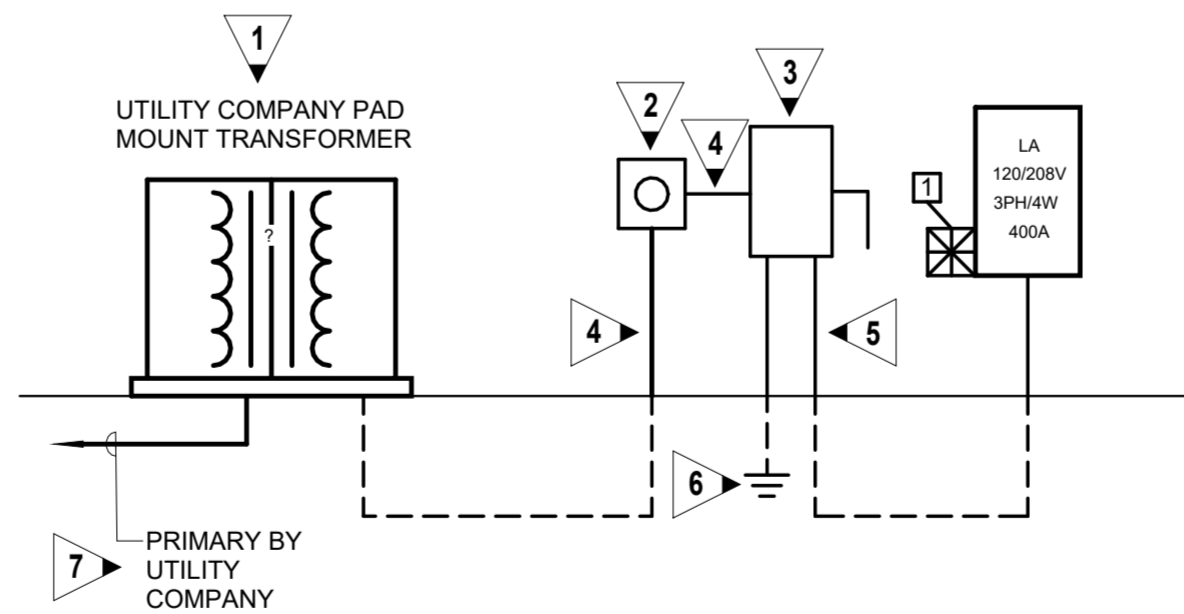


**5** DETAIL - RECEPTACLE CONNECTION  
E-401 NO SCALE

- NOTES:**
1. EACH CONDUCTOR IN BOX SHALL BE OF SUFFICIENT LENGTH (MIN. 6") FOR MAKING UP SPLICES.
  2. DO NOT BACK WIRE DEVICES. LOOP AROUND TERMINAL SCREWS.
  3. FACE OF PLASTER RING SHALL BE FLUSH WITH WALL.

PANELBOARD: LA														
LOCATION: BASKETBALL COURT...				VOLTAGE: 208V/120 V, 3 ø 4 W.										
MOUNTING: SURFACE NEMA 1				A.I.C. RATING: 25,000 AMPS SYMMETRICAL										
MAIN DEVICE: 400.0 A MLO				SPECIAL:										
BUS AMPS: 400 AMPS				FED FROM: SERVICE DISCONNECT										
LOAD NAME	NOTE	BKR	P	CKT	A	B	C	CKT	P	BKR	NOTE	LOAD NAME		
LITES		20 A	1	1	1.0	6.6			2					
LITES		20 A	1	3		1.0	6.6		4	3	80 A		PU-1	
LITES		20 A	1	5				0.5	6.6	6				
WALL PACKS		20 A	1	7	0.3	6.6			8					
TIME CLOCK		20 A	1	9				0.5	6.6	10	3	80 A	PU-2	
RECEPTACLES		20 A	1	11					0.4	6.6	12			
RECEPTACLES		20 A	1	13	0.7	0.0				14	1	20 A	SPARE	
RECEPTACLES		20 A	1	15				0.5	0.0		16	1	20 A	SPARE
RECEPTACLES		20 A	1	17					0.5	0.0	18	1	20 A	SPARE
RECEPTACLES		20 A	1	19	0.4	0.0				20	1	20 A	SPARE	
RECEPTACLES		20 A	1	21				0.5	0.0		22	1	20 A	SPARE
RECEPTACLES		20 A	1	23					0.4	0.0	24	1	20 A	SPARE
FACP	1	20 A	1	25	0.6	--				26	1	--	SPACE	
SPARE		20 A	1	27			0.0	--		28	1	--	SPACE	
SPARE		20 A	1	29				0.0	--	30	1	--	SPACE	
SPARE		20 A	1	31	0.0	--				32	1	--	SPACE	
SPARE		20 A	1	33			0.0	--		34	1	--	SPACE	
SPARE		20 A	1	35				0.0	--	36	1	--	SPACE	
				37	0.0	--				38				
				39			0.0	--		40				
TVSS		60 A	3	41				0.0	--	42	3	--	SPACE	
<b>TOTAL LOAD:</b>					16 kVA	16 kVA	15 kVA							
<b>TOTAL AMPS:</b>					134 A	131.0 A	124 A							
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS										
HVAC	39744 VA	100.00%	39744 VA											
RECEPTACLES	3420 VA	100.00%	3420 VA	<b>CONNECTED LOAD:</b> 46424 VA										
FIRE ALARM	600 VA	100.00%	600 VA	<b>ESTIMATED DEMAND:</b> 47185 VA										
LITES	3200 VA	125.00%	4001 VA	<b>CONNECTED CURRENT:</b> 128.9 A										
				<b>EST. DEMAND CURRENT:</b> 131.0 A										

**NOTES: PROVIDE FEED THRU LUGS. MAIN LUGS SHOULD BE SIZED FOR 600 MCM.**  
1. LABEL CIRCUIT PER NEC 2023 FOR FIRE ALARM CONTROL. PROVIDE HASP LOCK FOR BREAKER.



**1** POWER RISER DIAGRAM  
E-401 NO SCALE

**T.V.S.S.**

- 1 MAIN SERVICE PANEL, PROVIDE 5-#6 CONDUCTORS IN 1" C FROM 60A/3P BREAKER IN SUPPLYING PANEL. PROVIDE BREAKER, U.L. 1449 LISTED, 200,000 SURGE CURRENT RATING, EATON EXTERNALLY MOUNTED "SPD" SERIES OR EQUAL.

**KEYED NOTES:**

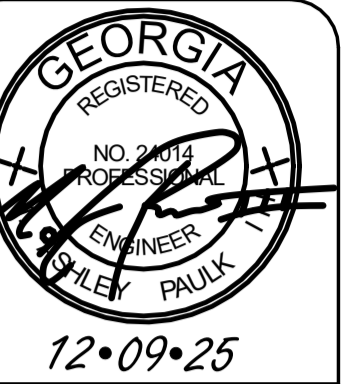
- 1 UTILITY COMPANY PAD MOUNTED TRANSFORMER. COORDINATE EXACT LOCATION WITH SERVING UTILITY COMPANY. PROVIDE CONCRETE PAD PER UTILITY REQUIREMENTS.
- 2 METER BASE SUPPLIED AND INSTALLED BY CONTRACTOR. PROVIDE 400A, 120/208V, 3PH, FEED-THRU TYPE METER COMPATIBLE WITH CITY OF COVINGTON STANDARDS. CONTRACTOR TO PAY ALL COSTS FOR METER BASE AND SERVICE SHOWN. SEE CITY OF COVINGTON SERVICE NOTES ON THIS SHEET.
- 3 PROVIDE LABEL "SERVICE DISCONNECT". PROVIDE 400A/3P/3R S.E. RATED ENCLOSED CIRCUIT BREAKER, 25,000 AIC MINIMUM.
- 4 4#600MCM, 4 IN. C.
- 5 4#600MCM, #1/0G, 4 IN. C.
- 6 SEE SERVICE GROUNDING DETAIL, 2/E-401.
- 7 UTILITY COMPANY PRIMARY. COORDINATE EXACT ROUTING WITH UTILITY COMPANY PRIOR TO PAD INSTALLATION.

**GENERAL NOTES:**

1. ALL FEEDER CONDUCTORS ARE BASED ON COPPER UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LUGS ON ALL PANELS, BREAKERS, TRANSFORMERS, ETC. TO ACCOMMODATE CONDUCTOR SIZE SHOWN.

**CITY OF COVINGTON SERVICE NOTES**

1. GRADES MUST BE WITHIN 6 INCHES OF FINAL BEFORE THE INSTALLATION OF THE SERVICE.
2. CONTRACTOR PROVIDED METER BASE MUST MEET THE METER BASE SPECIFICATION REQUIREMENTS LISTED ON THE CITY OF COVINGTON WEB SITE UNDER THE "ELECTRICAL DEPARTMENT" SECTION OF THE SITE. ALL SPACING REQUIREMENTS MUST BE MET.
3. CONTACT THE COVINGTON ELECTRIC DEPARTMENT FOR THE EXACT PLACEMENT OF THE METER BASE ON THE EXTERIOR SERVICE PRIOR TO SERVICE ROUGH-IN.
4. ON CONDENSED LOTS WHERE ACCESS BETWEEN STRUCTURES IS LIMITED WITH DIGGING EQUIPMENT, THE CONTRACTOR WILL BE REQUIRED TO INSTALL A 4 IN. C. FROM THE METER BASE TO THE RIGHT OF WAY.
5. NO CONSTRUCTION MATERIALS OR TRASH SHALL BE IN CONFLICT WITH THE INSTALLATION OF THE POWER SERVICE LATERAL TO THE STRUCTURE.
6. OWNER/DEVELOPER TO SIGN EASEMENTS AND PAY ALL INFRASTRUCTURE RELOCATION COSTS PRIOR TO ANY WORK.
7. INSTALLATION CHARGES, IF APPLICABLE, MUST BE PAID IN FULL PRIOR TO ANY WORK.
8. CONTRACTOR IS REQUIRED TO INSTALL TEMPORARY POWER POLE, IF APPLICABLE. TEMPORARY POWER POLE SPECIFICATIONS ARE LISTED ON THE CITY OF COVINGTON WEBSITE UNDER THE "ELECTRICAL DEPARTMENT" SECTION OF THE SITE.
9. ANY CHANGES OR ADDITIONS TO EXISTING ELECTRICAL LOADS RESULTING IN UPGRADES TO THE SERVICE AND/OR TRANSFORMER SIZE(S) WILL RESULT IN ASSOCIATED COSTS TO BE COVERED BY THE CONTRACTOR.
10. IF THE PROJECT SHOULD CAUSE RELOCATION OR REMOVAL OF ANY EXISTING POWER MAIN OR SERVICE, THERE WILL BE AN ASSOCIATED COST TO BE COVERED BY THE CONTRACTOR.



PROJECT NUMBER: 25-033

ISSUE: REVISION 1 (OWNER REQUESTED MODIFICATION)  
NO. DATE: 1 03/09/2026

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
1129 ROCKY PLAINS RD  
COVINGTON, GA 30016

POWER RISER DIAGRAM & DETAILS

E-401

PERMIT



PROJECT NUMBER: 25-033

ISSUE: REVISION 1 (OWNER REQUESTED MODIFICATION)  
 NO. DATE: 1 03/09/2026

**EARLY HOPE BAPTIST ACTIVITY CENTER**  
 1129 ROCKY PLAINS RD  
 COWINGTON, GA 30016

ELECTRICAL REPORTS

E-402

PERMIT

**COMcheck Software Version 4.1.5.5**  
**Interior Lighting Compliance Certificate**

**Project Information**  
 Energy Code: 2015 IECC  
 Project Title: Early Hope Gymnasium Shell Building  
 Project Type: New Construction

Construction Site: 1129 Rocky Plains Rd, Covington, GA 30016  
 Owner/Agent:  
 Designer/Contractor: Electrical Design Consultants, 175 New Street, Suite 1, Macon, GA 31201

Additional Efficiency Package(s):  
 Credits: 1.0 Required, 1.0 Proposed  
 Enhanced Interior Lighting Controls, 1.0 credit

A Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts (B X C)
1-Gymnasium	6150	0.94	5781
Total Allowed Watts =			5781

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Watt. (C X D)	E
1-Gymnasium				
A: ROUND HIGHBAY; LED Other Fixture Unit 125W:	1	20	117	2340
Total Proposed Watts =			2340	

Interior Lighting PASSES: Design 60% better than code

**Interior Lighting Compliance Statement**  
 Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Jeffrey H. McGee, PE  
 Name - Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Date: 12/05/25

Project Title: Early Hope Gymnasium Shell Building Report date: 12/05/25  
 Data filename: Z:\2025 CAD\M25091 Early Hope Baptist Gym\WORKING DRAWINGS\ELEC\LIGHTING\Early Hope Gym COMcheck.cck

**COMcheck Software Version 4.1.5.5**  
**Exterior Lighting Compliance Certificate**

**Project Information**  
 Energy Code: 2015 IECC  
 Project Title: Early Hope Gymnasium Shell Building  
 Project Type: New Construction  
 Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Construction Site: 1129 Rocky Plains Rd, Covington, GA 30016  
 Owner/Agent:  
 Designer/Contractor: Electrical Design Consultants, 175 New Street, Suite 1, Macon, GA 31201

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Perimeter (Walkway < 10 feet wide)	330 ft of	0.7	Yes	231
Total Tradable Watts (a) =				231
Total Allowed Watts =				231
Total Allowed Supplemental Watts (b) =				600

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.  
 (b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Watt. (C X D)	E
Perimeter ( Walkway < 10 feet wide 330 ft of walkway length): Tradable Wattage				
LED 1: LED Other Fixture Unit 36W:	1	14	33	462
Total Tradable Proposed Watts =			462	

Exterior Lighting PASSES: Design 44% better than code

**Exterior Lighting Compliance Statement**  
 Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Jeffrey H. McGee, PE  
 Name - Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Date: 12/05/25

Project Title: Early Hope Gymnasium Shell Building Report date: 12/05/25  
 Data filename: Z:\2025 CAD\M25091 Early Hope Baptist Gym\WORKING DRAWINGS\ELEC\LIGHTING\Early Hope Gym COMcheck.cck

**ALPHA BLDG SET 06-17-2026**