

BUILDING LOADS

- | | | | | | | | |
|--------------------------------------|------------------|---------------------|---|------------------------|-------------------|---------------|-------------------|
| DEAD LOAD | <u>3.0</u> | PSF | (FOR ROOF PANELS AND PURLINS) | | | | |
| ROOF LIVE LOAD | <u>20.0</u> | PSF | (REDUCIBLE Yes) | | | | |
| COLLATERAL DEAD LOAD | <u>8.0</u> | PSF | (FOR CEILINGS, SPRINKLERS, ETC.) | | | | |
| GROUND SNOW LOAD | <u>7.0</u> | PSF | ROOF SNOW LOAD | <u>5.9</u> | PSF | Ce <u>1.0</u> | Ct <u>1.0</u> |
| SNOW BANKING LOADS | PER CODE | | RAIN SURCHARGE | <u>NA</u> | PSF | | |
| WIND LOAD | <u>133</u> | MPH | WIND EXPOSURE | <u>C</u> | | | |
| CLOSURE TYPE | Enclosed | | Cpi $\pm$ | <u>1.18</u> | | | |
| OCCUPANCY CATEGORY | <u>IV</u> | Iw | Iw | <u>1.00</u> | Ie | <u>1.0</u> | Ie <u>1.50</u> |
| SEISMIC | | | | | | | |
| SPECTRAL RESPONSE | Se <u>0.1400</u> | | S1 <u>0.0610</u> | | Sds <u>0.1200</u> | | SD1 <u>0.0867</u> |
| SITE CLASS | <u>D</u> | | DESIGN CATEGORY | <u>C</u> | | | |
| DESIGN BASE SHEAR | <u>2.92</u> | KIPS - LONGITUDINAL | <u>4.88</u> | KIPS - TRANSVERSE | | | |
| SEISMIC RESPONSE COEFFICIENTS, Cn | <u>0.06</u> | FRAMES | <u>0.06</u> | ROD BRACING | | | |
| RESPONSE MODIFICATION FACTOR, R | <u>3.0</u> | FRAMES | <u>3.0</u> | ROD BRACING | | | |
| BASIC SEISMIC FORCE RESISTING SYSTEM | | | Steel Systems Not Specifically Detailed | For Seismic Resistance | | | |
| ANALYSIS PROCEDURE | | | = Equivalent Lateral Force Procedure | | | | |

GENERAL NOTES

- ### APPROVAL NOTES

- A) IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:
 - 1) BE MADE IN CONTRASTING INK.
 - 2) HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED.
 - 3) BE LEGIBLE AND UNAMBIGUOUS.
- B) DATED SIGNATURE IS REQUIRED ON ALL PAGES.
- C) MANUFACTURER RESERVES THE RIGHT TO RESUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.
- D) APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN, OR AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.
- E) ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENT. MANUFACTURER RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

BOLT TIGHTENING REQUIREMENTS

IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPROPRIATE REGULATIONS. THE FOLLOWING CRITERIA IS IN COMPLIANCE WITH THE LATEST SPECIFICATIONS, HOWEVER THE ERECTOR IS RESPONSIBLE TO VERIFY LOCAL AUTHORITY REQUIREMENTS.

A. ALL ASTM A325 HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO THE "SNUG TIGHT" CONDITION AS PERMITTED BY THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS (DECEMBER 31, 2009). UNLESS OTHERWISE NOTED BELOW OR INDICATED AS PRE-TENSIONED ELSEWHERE IN THESE DRAWINGS WITH -PT DESIGNATION.

- 1. PRE-TENSION BOLTS AT ANY CONNECTIONS NOTED WITH A490 HIGH STRENGTH BOLTS.
- 2. PRE-TENSION BOLTS ON PRIMARY FRAMING, BOLTED BRACING AND STRUT CONNECTIONS IF LOCATED IN IBC SEISMIC PERFORMANCE / DESIGN CATEGORY D, E, OF F. SEE CODES AND LOADS ABOVE FOR SEISMIC DESIGN CATEGORY.
- 3. PRE-TENSION BOLTS ON PRIMARY FRAMING, BOLTED BRACING, STRUTS AND CRANE RUNWAYS CONNECTIONS IF BUILDING SUPPORTS A CRANE WITH A CAPACITY GREATER THAN 5 TONS.
- 4. CONNECTIONS THAT SUPPORT RUNNING MACHINERY AND OTHER SOURCES OF IMPACT OR STRESS REVERSAL MUST BE PRE-TENSIONED.
- 5. PRE-TENSION BOLTS AT ALL CRITICAL CONNECTIONS AS INDICATED IN THESE DRAWINGS WITH -SC DESIGNATION. -SC TYPE CONNECTIONS MUST BE FREE OF PAINT, OIL OR OTHER MATERIALS THAT REDUCE THE FRICTION AT CONTACT SURFACES.

B. CONNECTIONS OF SECONDARY MEMBERS (GIRTS, PURCHES, WALL COLUMNS) AND FLANGE BRACES SHALL BE TIGHTENED TO THE "SNUG TIGHT" CONDITION, EVEN IF ABOVE CONDITIONS EXIST, UNLESS SPECIFICALLY NOTED OTHERWISE IN THESE DRAWINGS OR DETAILS.

C. PRE-TENSIONED CONNECTIONS SHALL BE ASSEMBLED AND THE FASTENERS TIGHTENED IN ACCORDANCE WITH "TURN-OF-NUT" METHOD AS DESCRIBED IN THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS (DECEMBER 31, 2009), UNLESS OTHERWISE NOTED.

SAFETY COMMITMENT

- ## ERECTOR / CONTRACTOR RESPONSIBILITIES

- A) IT IS THE RESPONSIBILITY OF THE ERECTOR/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN AUTHORITY FOR A CONTRACT.
- B) THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED.
- C) APPROVAL OF THE MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE BUILDING MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.4.1 CODE OF STANDARD PRACTICES, ASC16.)
- D) WHERE DISCREPANCIES EXIST BETWEEN THE MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 CODE OF STANDARD PRACTICE ASC16.)
- E) THE COORDINATION OF ANY STRUCTURE WHICH ARE NOT FURNISHED BY THE ERECTOR/CONTRACTOR IS THE MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE BUILDING MANUFACTURER'S ENGINEERS UNLESS SPECIFICALLY INDICATED.
- F) THE ERECTOR/CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE BUILDING MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.
- G) PRODUCTS SHIPPED TO ERECTOR/CONTRACTOR OR HIS CUSTOMER SHALL BE INSPECTED BY ERECTOR/CONTRACTOR IMMEDIATELY UPON ARRIVAL. CLAIMS FOR SHORTAGES OR DEFECTIVE MATERIAL IF NOT PACKAGED MUST BE SENT TO THE MANUFACTURER IN WRITING WITHIN FIVE (5) DAYS AFTER RECEIPT OF THE SHIPMENT. HOWEVER, IF A DEFECT IS OF SUCH A NATURE AS TO RENDER THE PRODUCT UNSUITABLE FOR USE, THE ERECTOR/CONTRACTOR MAY RETURN THE PRODUCT TO THE MANUFACTURER AFTER THE ERECTOR/CONTRACTOR LEARNS OF THE DEFECT. THE MANUFACTURER WILL NOT BE LIABLE FOR ANY DEFECT UNLESS CLAIM IS MADE WITHIN ONE (1) YEAR AFTER DATE OF THE ORIGINAL SHIPMENT BY THE MANUFACTURER TO CONTRACTOR OR HIS CUSTOMER. THE MANUFACTURER WILL BE GIVEN A REASONABLE OPPORTUNITY TO INSPECT DEFECTIVE MATERIALS UNDER CLAIM OF LOSS OR CLAIM BY CHECK OF CLAIM BY CHECK.
- H) IF A DEFECT IS OF SUCH NATURE THAT IT CAN BE REMEDIED BY A FIELD OPERATION AT THE JOB SITE WITHOUT THE NECESSITY OF RETURNING THE MATERIAL TO THE MANUFACTURER, THEN UPON WRITTEN AUTHORIZATION OF THE MANUFACTURER THE CONTRACTOR MAY REPAIR OR CAUSE THE MATERIAL TO BE REPAIRED AND THE MANUFACTURER WILL COVER THE COST OF THE REPAIR IN FULL. IF THE REPAIR IS BEYOND THE CAPABILITY OF THE ERECTOR/CONTRACTOR, ALL BRACING AS SHOWN AND PROVIDED BY THE MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.
- I) GUTTERS AND DOWNSPOUTS ARE REQUIRED AND SHALL BE CONNECTED FROM THE FRAMES TO SECONDARY FRAMING (GIRTS, PURLS OR JOISTS) PRIOR TO INSTALLATION OF ROOF DECKING, ROOF PANELS OR WALL SHEETING.
- J) TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTIALLY ASSEMBLED STEEL FRAMING, AGAINST COLLAPSE COMPARED IN INTENSITY TO THE LOADS WHICH THE STRUCTURE IS REQUIRED TO RESIST. THEY SHALL ENSURE SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION OR COLLISION. (SECT. 7.10 CODE OF STANDARD PRACTICE, ASC16.)
- K) IT IS THE RESPONSIBILITY OF THE SHEETING INSTALLER TO ENSURE THAT GIRTS ARE LEVEL PRIOR TO INSTALLING THE WALL SHEETING.
- L) DESIGN OF GUTTER AND DOWNSPOUT IS A FUNCTION OF THE RAINFALL INTENSITY AND AREA TO BE DRAINED. DESIGN PARAMETERS UTILIZED ARE IN ACCORDANCE WITH THE 1988 LOW RISE BUILDING SYSTEMS MANUAL AND/OR THE 9TH EDITION OF THE ARCHITECTURAL GRAPHIC STANDARDS, AS APPLICABLE. PROPER OWNER MAINTENANCE INCLUDING REGULAR CLEANING AND CLEARANCE OF GUTTERS AND DOWNSPOUTS IS REQUIRED TO ENSURE PROPER FUNCTION OF THE GUTTER AND DOWNSPOUT. IN THOSE CASES WHERE THE OWNER/TENANT OF A PROPERTY IS UNWILLING OR UNABLE TO PROVIDE PROPER MAINTENANCE, ELIMINATION OF GUTTER SHOULD BE CONSIDERED AS AN ALTERNATIVE.
- M) ABRASIVE SAWS (CIRCULAR SAWS WITH FRICTION DISKS) ARE NOT RECOMMENDED WHEN FIELD CUTTING PANELS AND FLASHING. ABRASIVE SAWS CREATE HIGH HEAT THAT MAY BURN AWAY THE PROTECTIVE COATING FROM THE PANEL EDGE, CAUSING THE EDGE TO RUST. ABRASIVE SAW DUST CONTAINS FINE, HOT STEEL PARTICLES WHICH ACCUMULATE ON PANEL AND FLASHING SURFACES WHERE THEY RUST AND CAUSE STAINING AND RUSTING OF THOSE SURFACES. RUST CAUSED BY ABRASIVE SAW DUST IS IRREVERSIBLE AND MUST BE REMOVED IMMEDIATELY FROM WORK SURFACES BY WET BRUSHING.

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Ashokbhai A Patel

ISSUE

DRAWING STATUS

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CUSTOMER: LMC STEEL
PROJECT: NEW FIRE DEPARTMENT ADMIN. BLDG
LOCATION: 1579 NW LAKE JEFFERY ROAD LAKE CITY, FL 32055
JOB NUMBER: 24-10010_R1
DESCRIPTION: DRAWING COVER SHEET

SCALE:	NTS
DESIGN:	AP
DRAWN BY:	DL

DWG. NO.

CVR

KEY PLAN
BUILDING



CUSTOMER: LMC STEEL PROJECT: NEW FIRE DEPARTMENT LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055 JOB NUMBER: 24-10010_R1 DESCRIPTION: ANCHOR BOLT PLAN			ENGINEER SEAL
	02-05-2025		
	SCALE: NTS		
	DESIGN: AP		
	DRAWN BY: DL		
DWG. NO.		AB-1.0	

NOTES FOR REACTIONS

1. The reactions shown are UNFACTORED.
2. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
3. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
4. Bracing reactions are in the plane of the brace, with the H pointing away from the braced bay. The vertical reaction is downward.
5. Loading combinations are:
- 1 Dead+Collateral+Live
 - 2 Dead+Collateral+0.75Live+0.45Wind_Left1
 - 3 Dead+Collateral+0.75Live+0.45Wind_Right1
 - 4 0.6Dead+0.6Wind_Left1
 - 5 0.6Dead+0.6Wind_Right1
 - 6 0.6Dead+0.6Wind_Left2
 - 7 0.6Dead+0.6Wind_Right2
 - 8 Dead+Collateral+FIPAT_LL_3
 - 9 Dead+Collateral+F3PAT_LL_3
 - 10 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
 - 11 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
 - 12 Dead+Collateral
 - 13 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
 - 14 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	Reactions in plane of wall		Panel Shear (b/f)	Note
			Wind Horz	Seismic Horz		
L_EW	A	B,C				(h)
F_SW	1	B,C				(o)
R_EW	D	B,C				(o)
B_SW	4	B,C				(o)

(a) Wind bent in bay
(h) Rigid frame at endwall

Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored

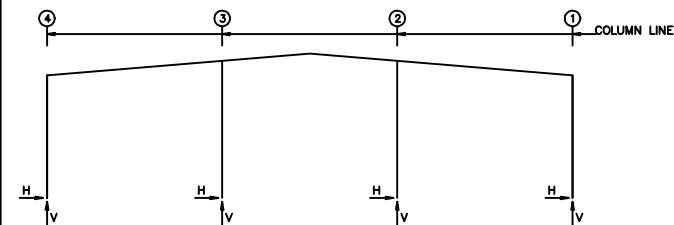
WIND BENT REACTIONS



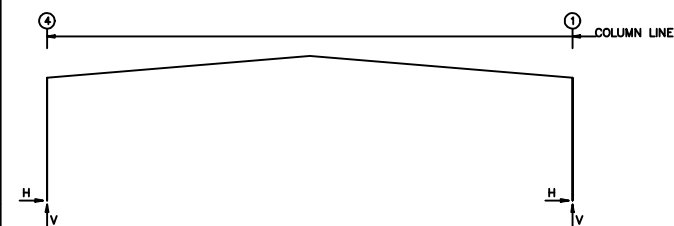
Loc	Wall Line	Col Line	Reactions		Seismic(k)	Note
			Wind Horz	Wind Vert		
F_SW	1	B	2.8	3.9	0.7	1.0
F_SW	1	C	2.8	3.9	0.7	1.0
B_SW	4	B	2.8	3.9	0.7	1.0
B_SW	4	B	2.8	3.9	0.7	1.0

NOTE: THE FRAMING AT BOTH ENDWALLS ARE NOT DESIGNED TO ACCOMMODATE FUTURE ADDITIONS. REACTIONS CORRESPONDING TO THESE FRAME LINES REFLECT LOADINGS FOR ACTUAL TRIBUTARY AREA AND ARE NOT INTENDED TO INCLUDE ANY FUTURE MODIFICATIONS UNLESS NOTED OTHERWISE.

FRAME LINES: A D



FRAME LINES: B C



RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Column Reactions(k)		V	Vmin
			Hmax	Vmax		
A	4	3	1.3	2.0	6	-2.0
A	1	8	0.8	3.5	4	-1.7
A	1	7	2.0	-2.0	2	1.3
A	3	10	-0.6	3.5	5	1.7
A	3	12	2.6	-5.3	11	-2.4
A	2	13	0.0	6.3	4	0.0
A	2	12	2.6	-5.3	14	-2.4
A	2	12	0.0	6.3	5	0.0

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Column Reactions(k)		V	Vmin
			Hmax	Vmax		
B*	4	1	10.4	14.6	4	-6.7
B*	1	5	6.7	-8.6	1	-10.4
B*	1	1	-10.4	14.6	5	6.7

B* Frame lines: B C

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Column Reactions(k)		V	Vmin
			Hmax	Vmax		
D	4	3	1.3	2.0	6	-2.0
D	1	9	0.6	3.5	4	-1.7
D	1	7	2.0	-2.0	2	1.3
D	3	9	-0.6	3.5	5	1.7
D	3	13	2.6	-5.3	14	-2.4
D	2	12	0.0	6.3	4	0.0
D	2	10	2.6	-5.3	11	-2.4
D	2	12	0.0	6.3	5	0.0

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Line	Column Line	Dead		Live		Snow		Wind_Left1		Wind_Right1	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
A	4	0.1	0.8	0.2	1.0	0.3	1.5	0.1	0.7	-2.8	-5.7
A	1	-0.3	0.8	-0.2	1.0	-0.1	0.7	-2.0	-1.9	2.0	-1.9
A	3	0.0	1.1	0.0	1.9	0.0	2.9	0.0	1.4	0.0	-6.8
A	2	0.0	1.1	0.0	1.9	0.0	2.9	0.0	1.4	0.0	-7.4

Line	Column Line	Wind_Left2		Wind_Right2		Wind_Press		Wind_Suct		Wind_Long1		Wind_Long2	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
A	4	-3.4	-4.1	1.4	-0.2	0.0	0.0	0.0	0.0	1.1	-3.6	0.8	-2.7
A	1	-1.4	-0.2	3.4	-4.1	0.0	0.0	0.0	0.0	-0.8	-2.7	-1.1	-3.8
A	3	0.0	-4.8	0.0	-4.2	-4.0	0.0	4.4	0.0	0.0	-6.6	0.0	-3.8
A	2	0.0	-4.2	0.0	-4.8	-4.0	0.0	4.4	0.0	0.0	-3.8	0.0	-6.6

Line	Column Line	Seismic_Left		Seismic_Right		MIN_SNOW		FIPAT_LL_1		FIPAT_LL_2		FIPAT_LL_3	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
A	4	-0.5	-0.4	0.5	0.4	0.1	0.9	0.1	0.1	0.1	0.0	0.3	1.7
A	1	-0.5	-0.4	0.5	0.4	-0.1	0.9	-0.1	0.0	-0.1	1.3	-0.3	1.7
A	3	0.0	0.6	0.0	-0.6	0.0	1.7	0.0	3.3	0.0	1.3	0.0	1.2
A	2	0.0	-0.6	0.0	0.6	0.0	1.7	0.0	1.3	0.0	3.3	0.0	1.2

Line	Column Line	FIPAT_LL_4		F1UNB_SL_L		F1UNB_SL_R	
		Horz	Vert	Horz	Vert	Horz	Vert
A	4	-0.1	-0.2	0.1	0.2	0.1	0.2
A	1	0.1	-0.2	-0.1	0.2	-0.1	0.7
A	3	0.0	1.7	0.0	1.6	0.0	0.6
A	2	0.0	1.7	0.0	0.6	0.0	1.6

Line	Column Line	Dead		Collateral		Live		Snow		Wind_Left1		Wind_Right1	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
B*	4	1.7	2.6	3.5	4.8	5.2	7.2	2.6	3.5	-12.9	-16.8	-6.9	-12.1
B*	1	-1.7	2.6	-3.5	4.8	-5.2	7.2	-2.6	3.5	6.9	-12.1	12.9	-16.8

Line	Column Line	Wind_Left2		Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
B*	4	-9.5	-9.8	-3.5	-5.0	-6.9	-15.4	-7.5	-12.4	-0.8	-0.3	0.8	0.3
B*	1	3.5	-5.0	9.5	-9.8	7.5	-12.4	6.9	-15.4	-0.8	0.3	0.8	-0.3

Line	Column Line	MIN_SNOW		F2UNB_SL_L		F2UNB_SL_R	
		Horz	Vert	Horz	Vert	Horz	Vert
B*	4	3.1	4.2	3.2	2.0	3.2	1.9
B*	1	-3.1	4.2	-2.0	1.9	-2.0	3.2

Line	Column Line	Dead		Collateral		Live		Snow		Wind_Left1		Wind_Right1	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
D	4	0.1	0.8	0.2	1.0	0.3	1.5	0.1	0.7	-2.8	-5.7	2.0	-1.9
D	1	-0.1	0.8	-0.2	1.0	-0.3	1.5	-0.1	0.7	-2.0	-1.9	2.8	-5.7
D	3	0.0	1.1	0.0	1.9	0.0	2.9	0.0	1.4	0.0	-7.4	0.0	-6.8
D	2	0.0	1.1	0.0	1.9	0.0	2.9	0.0	1.4	0.0	-6.8	0.0	-7.4

Line	Column Line	Wind_Left2		Wind_Right2		Wind_Press		Wind_Suct		Wind_Long1		Wind_Long2	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
D	4	-3.4	-4.1	1.4	-0.2	0.0	0.0	0.0	0.0	1.1	-3.6	0.8	-2.7
D	1	-1.4	-0.2	3.4	-4.1	0.0	0.0	0.0	0.0	-0.8	-2.7	-1.1	-3.8
D	3	0.0	-4.8	0.0	-4.2	-4.0	0.0	4.4	0.0	0.0	-6.6	0.0	-3.8
D	2	0.0	-4.2	0.0	-4.8	-4.0	0.0	4.4	0.0	0.0	-3.8	0.0	-6.6

Line	Column Line	Seismic_Left		Seismic_Right		MIN_SNOW		F3PAT_LL_1		F3PAT_LL_2		F3PAT_LL_3	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
D	4	-0.5	-0.4	0.5	0.4	0.1	0.9	0.1	1.3	0.1	0.0	0.3	1.7
D	1	-0.5	-0.4	0.5	0.4	-0.1	0.9	-0.1	0.0	-0.1	1.3	-0.3	1.7
D	3	0.0	0.6	0.0	-0.6	0.0	1.7	0.0	3.3	0.0	1.3	0.0	1.2
D	2	0.0	-0.6	0.0	0.6	0.0	1.7	0.0	1.3	0.0	3.3	0.0	1.2

Line	Column Line	F3PAT_LL_4		F3UNB_SL_L		F3UNB_SL_R	
		Horz	Vert	Horz	Vert	Horz	Vert
D	4	-0.1	-0.2	0.1	0.2	0.1	0.2
D	1	0.1	-0.2	-0.1	0.2	-0.1	0.7
D	3	0.0	1.7	0.0	1.6	0.0	0.6
D	2	0.0	1.7	0.0	0.6	0.0	1.6

B* Frame lines: B C

ISSUE

NO.	DATE	DESCRIPTION	BY	CHKD
A	12/20/24	FOR APPROVAL	DL	
B	2/5/25	PERMIT DRAWING	DL	

DRAWING STATUS

FOR APPROVAL: BEING FOR APPROVAL ARE BY THE DESIGNER AND ARE FOR CONCEPTUAL DESIGN ONLY. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION. FOR PERMIT: THESE DRAWINGS ARE BEING FOR PERMIT AND ARE FOR CONSTRUCTION. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION. FOR CONSTRUCTION: THESE DRAWINGS ARE FINAL AND ARE FOR CONSTRUCTION. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION.



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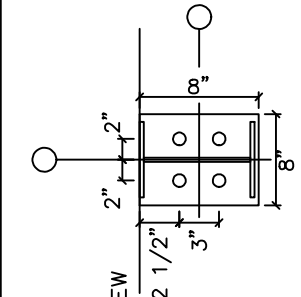
CUSTOMER/PMC STEEL
PROJECT: NEW FIRE DEPARTMENT
ADMIN. BUILDING
LOCATION: 1579 NW LAKE JEFFERY RD
LAKE CITY, FL 32055
JOB NUMBER: 24-10010_R1
DESCRIPTION: ANCHOR BOLT DETAILS & REACTIONS

SCALE: NTS
DESIGN: AP
DRAWN BY: DL

DWG. NO.
AB-1.1

Thk= 1/2"

Bolt Dia=3/4"

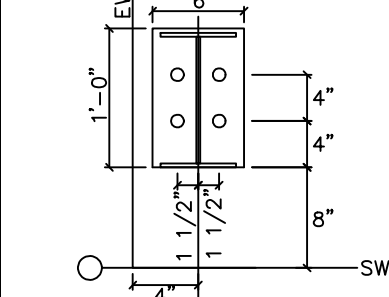


DETAIL A

Base EL. 99'-4"

Thk= 1/2"

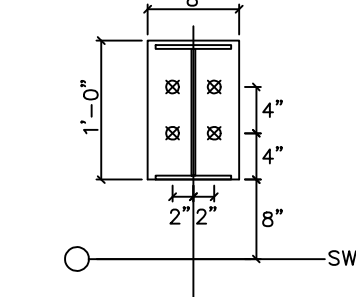
Bolt Dia=3/4"



DETAIL B

Thk= 1/2"

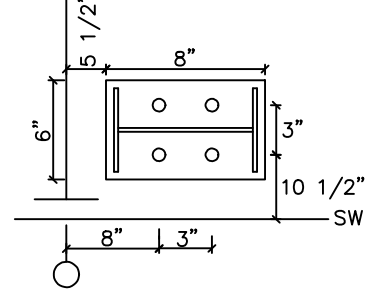
Bolt Dia=1"



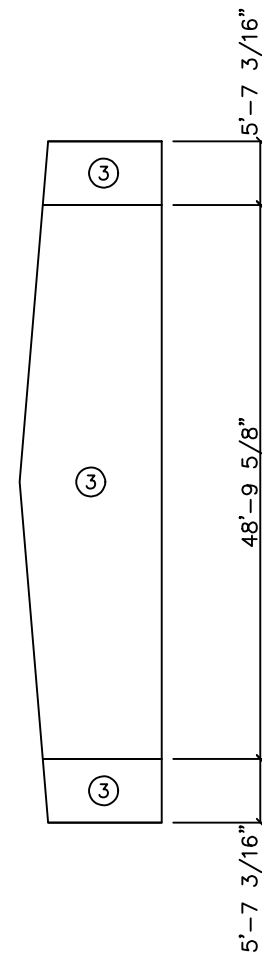
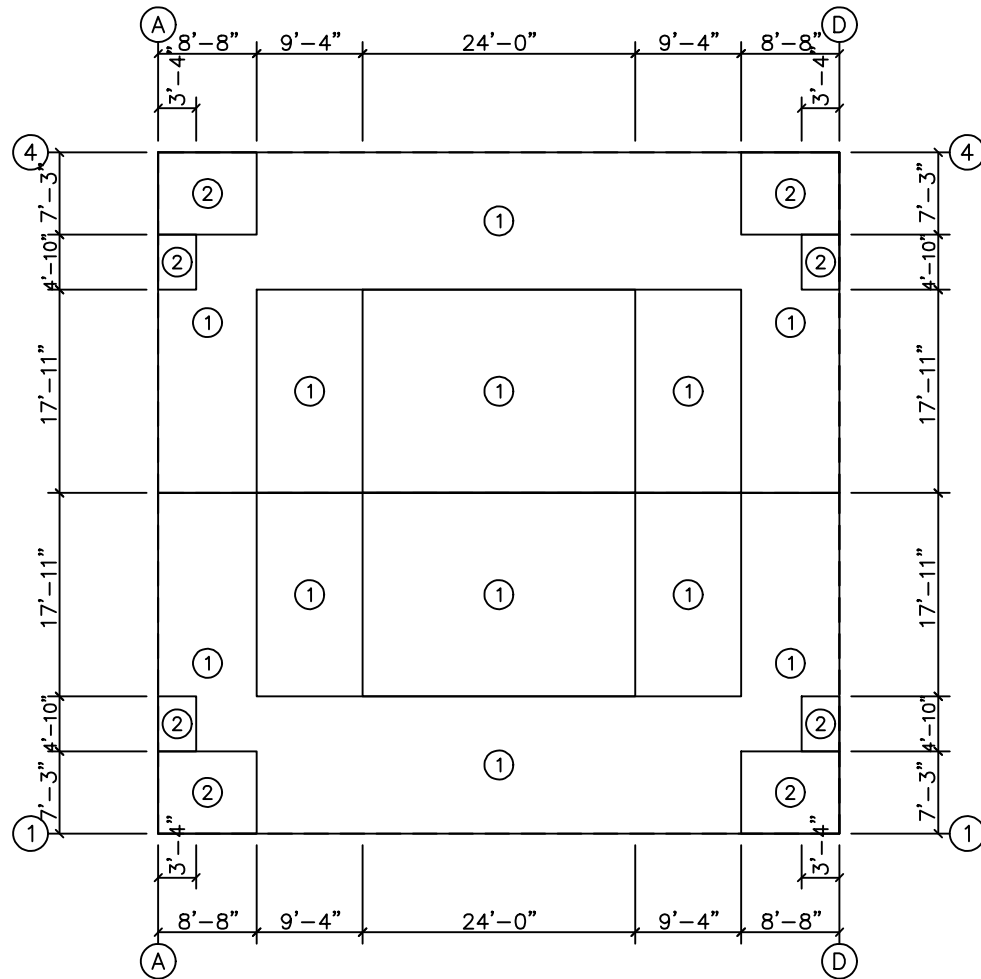
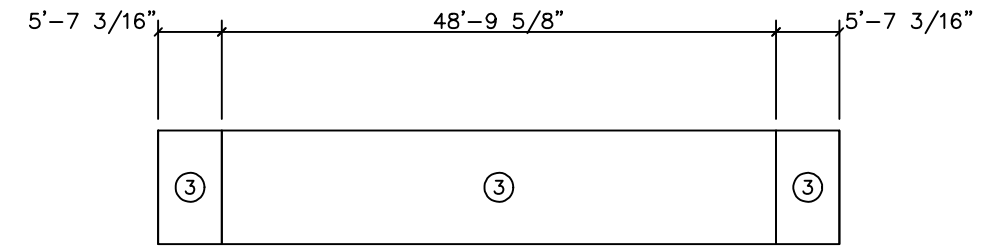
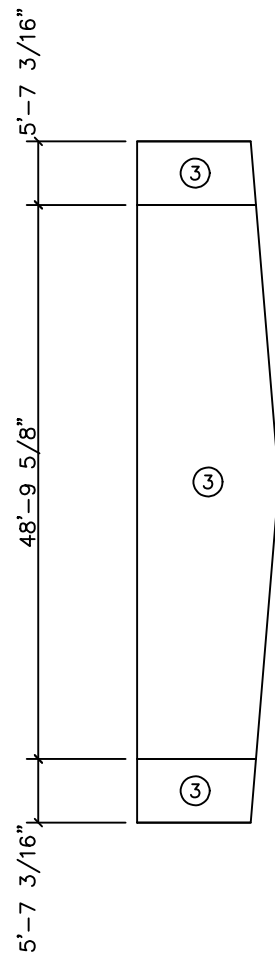
DETAIL C

Thk= 1/2"

Bolt Dia=3/4"



DETAIL D



PANEL ZONE LAYOUT (Minimum Fastener Spacing)

STANDING SEAM CLIP TABLE				
ZONE ID	SEAM TYPE	CLIP PART	SCREW PART	SCREW QTY
1	QUADLOK	MC1213	RS1	2
2	QUADLOK	MPW1213-	RS1	3

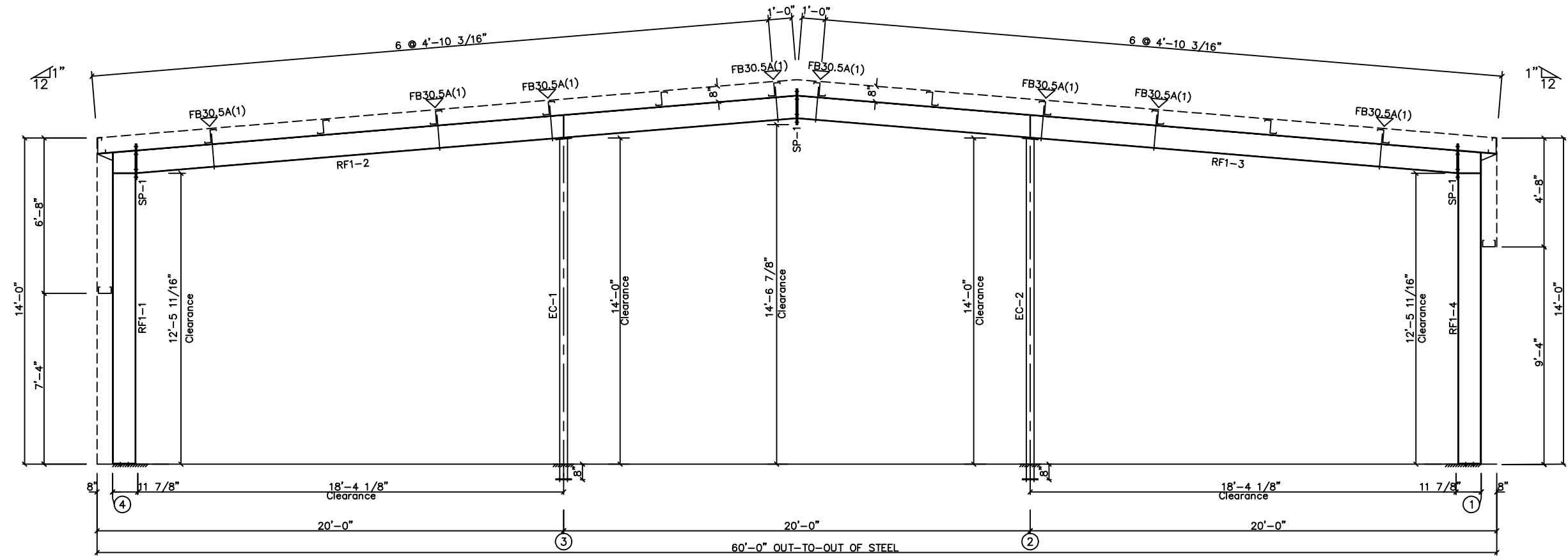
FASTENER TABLE		
OID	SCREW PART	SPACE (in)
3	WS1M	9.0

[illegible]

SPLICE BOLT TABLE							CAP PLATE BOLTS					
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	4	0	A325	3/4"	2"	EC-1	4	A325	3/4"	2"
								EC-2	4	A325	3/4"	2"

▽ FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxA(1); xx=length(in)
A - L2x2x125

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-1	W12X14	13'-4 5/8"
RF1-2	W12X14	28'-5 1/8"
RF1-3	W12X14	28'-5 1/8"
RF1-4	W12X14	13'-4 5/8"
EC-1	W8X10	14'-8 3/16"
EC-2	W8X10	14'-8 3/16"



BUILDING CROSS SECTION: FRAME LINE A

NOTE: THE FRAMING AS DEPICTED ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

ISSUE		BY	CHK'D
DESCRIPTION	DATE		
FDR APPROVAL	A 12/20/24		
PERMIT DRAWING	B 2/5/25		

DRAWING STATUS	ENGINEER SEAL
☐ EIR APPROVAL BEING FOR APPROVAL ARE BY THESE DRAWINGS ONLY. ANY CHANGES TO REPRESENTATION ONLY. THE PURPOSE OF THE PROJECT IS TO PROVIDE A REPRESENTATION OF THE PROJECT FOR CONSTRUCTION. THESE DRAWINGS ARE NOT FINAL. ANY CHANGES TO THE PROJECT CAN BE CONSIDERED AS COMPLETE.	☒ EIR PERMIT THESE DRAWINGS, BEING FOR PERMIT, ARE NOT FINAL. ANY CHANGES TO THE PROJECT CAN BE CONSIDERED AS COMPLETE.
☐ EIR CONSTRUCTION THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION	



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AllSouth Pre-Engineered Components, LLC
985 Technology Drive
Dothan, AL 36603
(334) 699-8994
(334) 699-8995 FAX
www.buildwithapee.com

CUSTOMER: LMC STEEL	DESCRIPTION: RIGID FRAME ELEVATION
PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING	
LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055	
JOB NUMBER: 24-10010_R1	

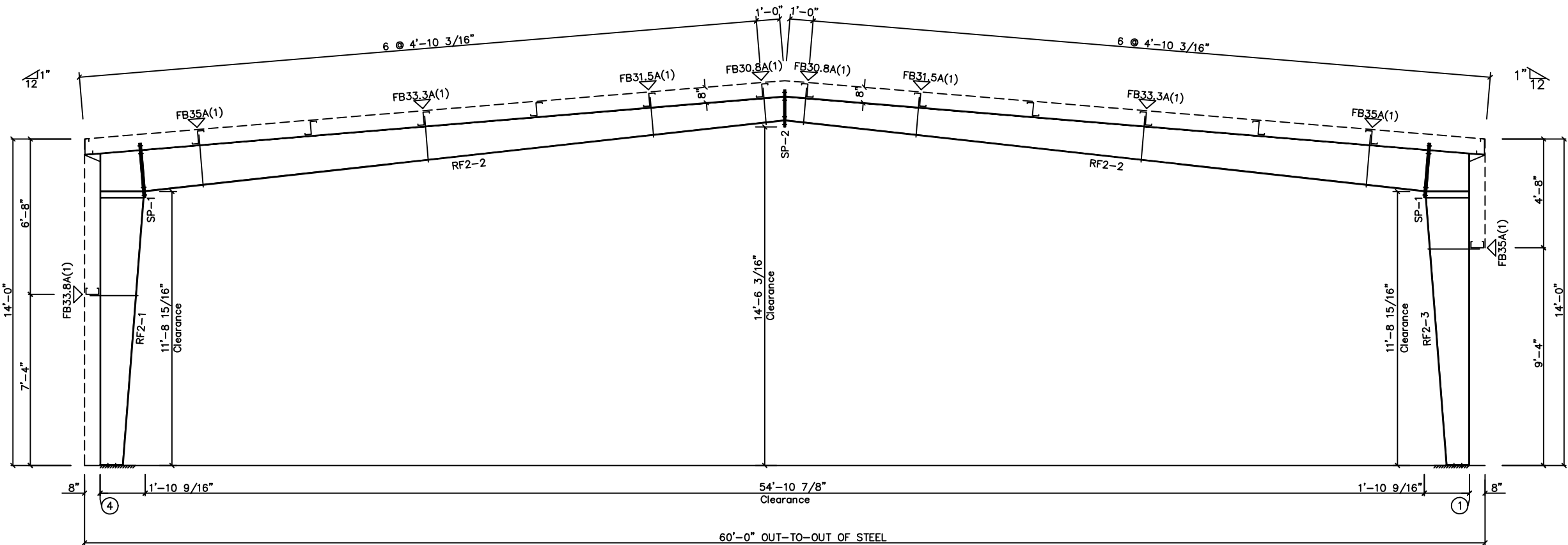
SCALE:	NTS
DESIGN:	AP
DRAWN BY:	DL

DWG. NO.
E-1.0

SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	0	A325	3/4"	2 1/2"
SP-2	4	4	0	A325	3/4"	2 1/4"

▽ FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxA(1): xx=length(in)
A - L2x2x125

MEMBER TABLE					
Mark	Web Depth		Web Plate		Outside Flange
	Start	End	Thick	Length	
RF2-1	11.4	22.0	0.135	11'-5 1/4"	6 x 1/4" x 13'-3 7/8"
RF2-2	22.0	20.0	0.188	2'-0 5/16"	6 x 1/4" x 2'-4 5/16"
RF2-3	21.0	12.0	0.135	27'-7 3/16"	6 x 1/4" x 27'-7 3/16"
RF2-3	20.0	22.0	0.188	2'-0 5/16"	6 x 1/4" x 2'-4 5/16"
RF2-3	22.0	11.4	0.135	11'-5 1/4"	6 x 1/4" x 13'-3 7/8"



BUILDING CROSS SECTION: FRAME LINE B C

ISSUE		DATE	DESCRIPTION
NO.	BY		
A	DL	12/20/24	FOR APPROVAL
B	DL	2/5/25	PERMIT DRAWING

DRAWING STATUS

FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL DESIGN PURPOSES. THEY ARE NOT TO BE USED FOR CONSTRUCTION. ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.

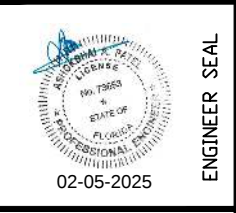
FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL. THEY ARE NOT TO BE USED FOR CONSTRUCTION. ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.

FOR CONSTRUCTION: THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.

☐ FOR APPROVAL

☒ FOR PERMIT

☐ FOR CONSTRUCTION



ENGINEER SEAL

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985 Technology Drive
Dothan, AL 36303
(334) 698-6394
(334) 698-6395 FAX
www.buildwithapecc.com

CUSTOMER: LMC STEEL
PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING
LOCATION: 1579 NW LAKE JEFFERY RD
LAKE CITY, FL 32055
JOB NUMBER: 24-10010_R1
DESCRIPTION: RIGID FRAME ELEVATION

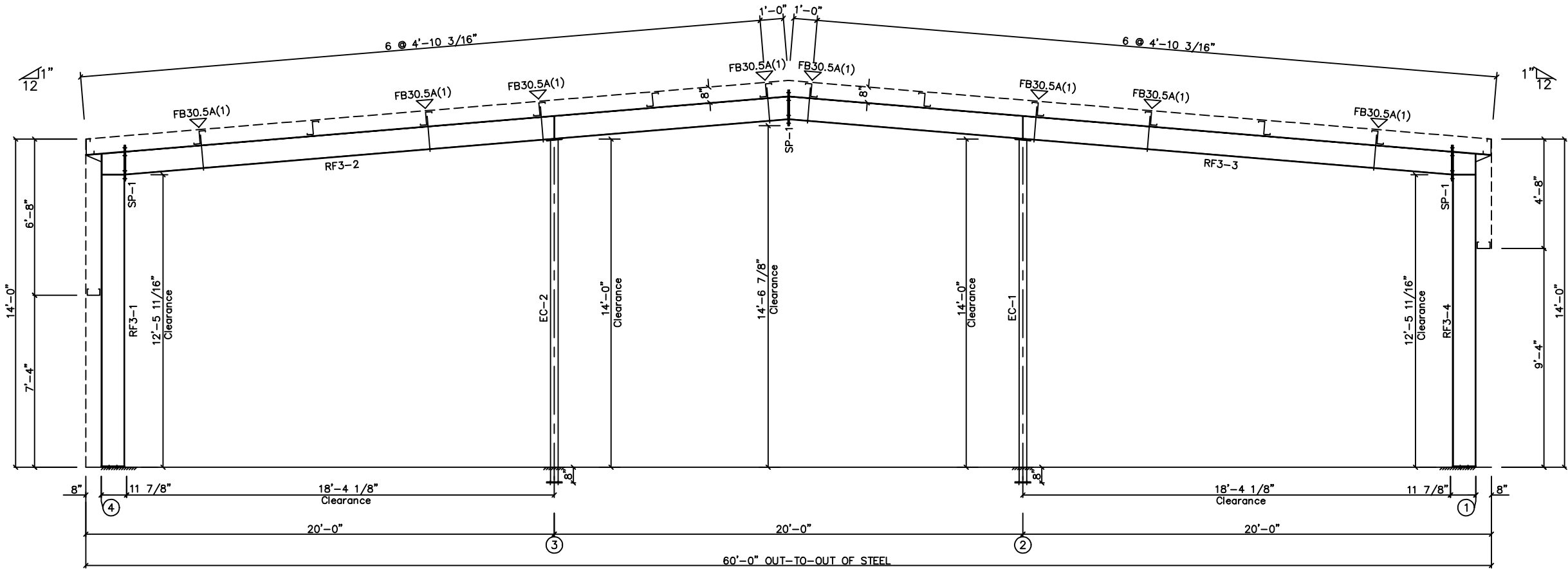
SCALE: NTS
DESIGN: AP
DRAWN BY: DL

DWG. NO.
E-1.1

SPLICE BOLT TABLE							CAP PLATE BOLTS					
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	4	0	A325	3/4"	2"	EC-2	4	A325	3/4"	2"
								EC-1	4	A325	3/4"	2"

▽ FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxA(1): xx=length(in)
A - L2x2x125

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF3-1	W12X14	13'-4 5/8"
RF3-2	W12X14	28'-5 1/8"
RF3-3	W12X14	28'-5 1/8"
RF3-4	W12X14	13'-4 5/8"
EC-2	W8X10	14'-8 3/16"
EC-1	W8X10	14'-8 3/16"



BUILDING CROSS SECTION: FRAME LINE D

NOTE: THE FRAMING AS DEPICTED ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

6

ISSUE		NO.		DATE	DESCRIPTION	BY	CHKD
		A	12/20/24		FOR APPROVAL		
		B	2/5/25		PERMIT DRAWING		

DRAWING STATUS

FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL DESIGN ONLY. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY INFORMATION FROM THE PROJECT OWNER. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE PROJECT OWNER. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE PROJECT OWNER.

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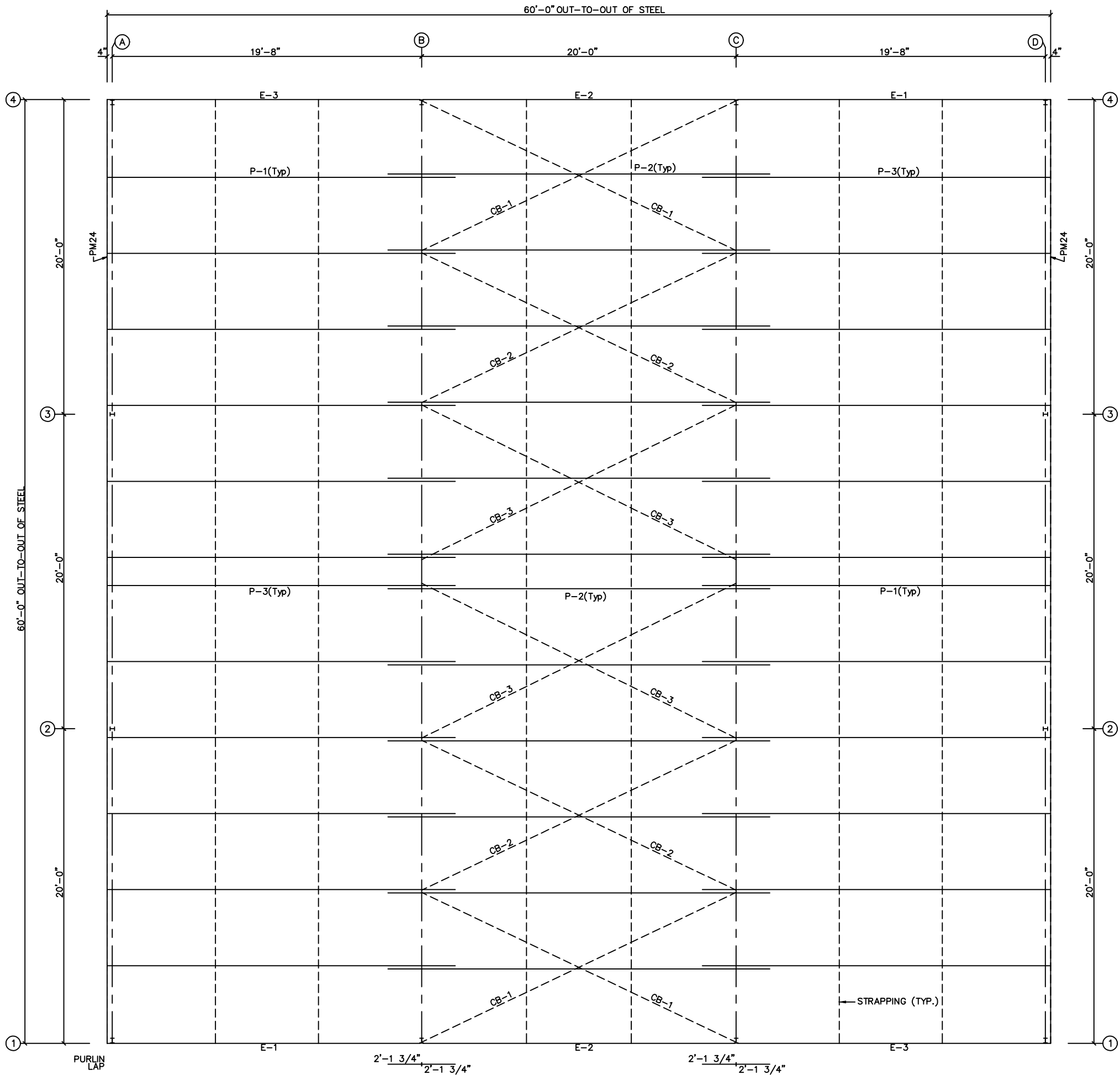
ENGINEER SEAL

CAPEH
AlSouth Pre-Engineered Components, LLC
905 Technology Drive
Dothan, AL 36503
(334) 699-9394
(334) 699-9395 FAX
www.buildwithape.com

CUSTOMER: LMC STEEL
PROJECT: NEW FIRE DEPARTMENT
ADMIN. BUILDING
LOCATION: 1579 NW LAKE JEFFERY RD
LAKE CITY, FL 32055
JOB NUMBER: 24-10010_R1
DESCRIPTION: RIGID FRAME ELEVATION

SCALE: NTS
DESIGN: AP
DRAWN BY: DL

DWG. NO.
E-1.2



MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	8X25Z14	22'-1 1/2"
P-2	8X25Z16	24'-3 1/2"
P-3	8X25Z14	22'-1 1/2"
E-1	8LD14X1	19'-11 1/2"
E-2	8LD14X1	19'-11 1/2"
E-3	8LD14X1	19'-11 1/2"
CB-1	CB0250	21'-1"
CB-2	CB0250	21'-4"
CB-3	CB0250	21'-7"

ISSUE		NO.	DATE
DESCRIPTION	BY CKD	A	12/20/24
FEB APPROVAL	DWL	B	2/5/25
PERMIT DRAWING	DWL		

DRAWING STATUS

☐ FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY THE DESIGNER, ENGINEER, ARCHITECT, OR OTHER PROFESSIONAL PERSON, AND ARE FOR CONSTRUCTION OF THE PROJECT ONLY. THEY ARE NOT TO BE USED FOR ANY OTHER PURPOSE, AND NO INTERPRETATION OF THE PROJECT DOCUMENTS SHALL BE CONSIDERED AS COMPLETE.

☒ FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION, NOT FINAL IN THAT AS A MINIMUM, FIELD MARKINGS ARE NOT TO BE MADE, AND NO INTERPRETATION OF THE PROJECT DOCUMENTS SHALL BE CONSIDERED AS COMPLETE.

☐ FOR CONSTRUCTION: THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.



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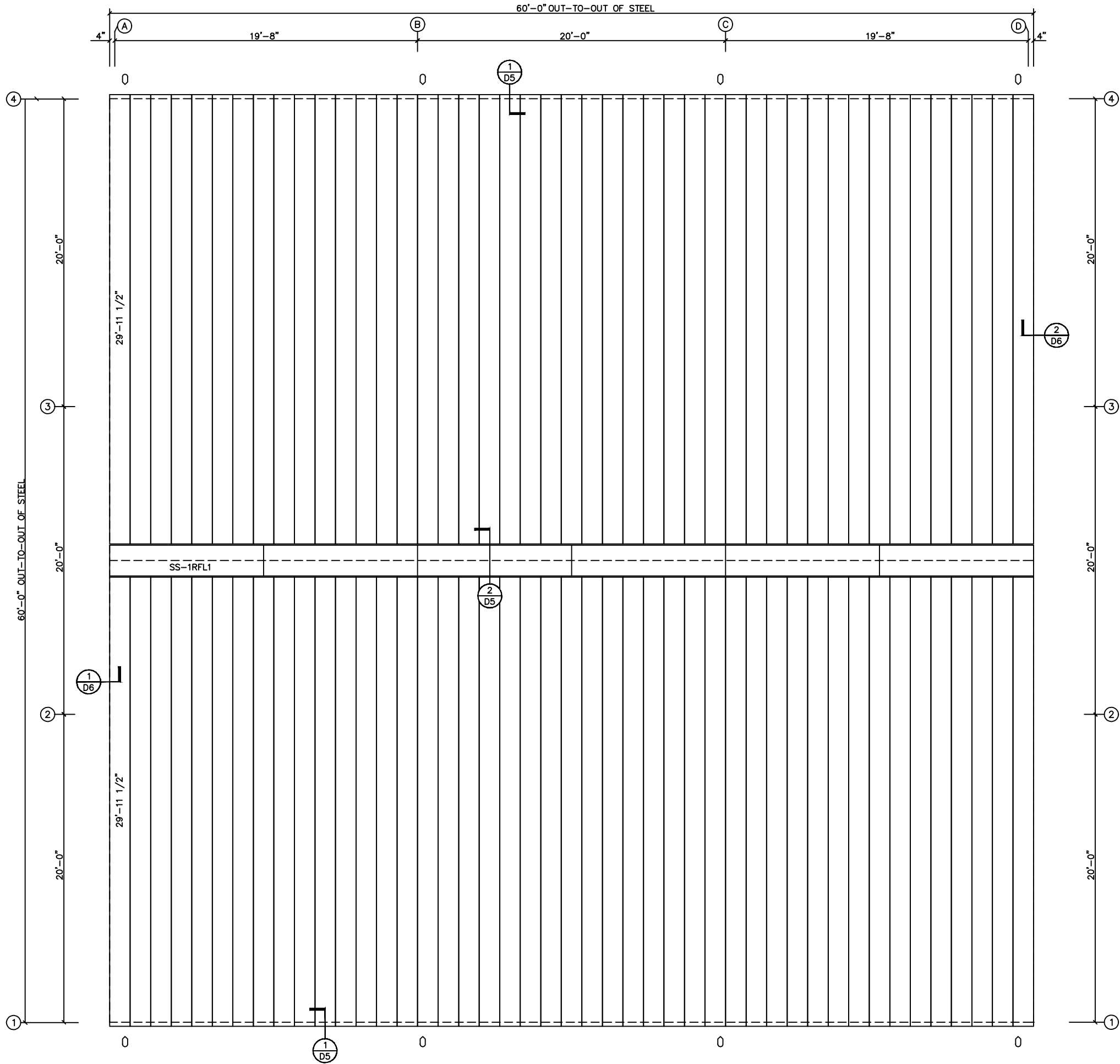
CUSTOMER: LMC STEEL
PROJECT: NEW FIRE DEPARTMENT
ADMIN. BUILDING
LOCATION: 1579 NW LAKE JEFFERY RD
LAKE CITY, FL 32055

JOB NUMBER: 24-10010_R1
DESCRIPTION: ROOF FRAMING

SCALE: NTS
DESIGN: AP
DRAWN BY: DL

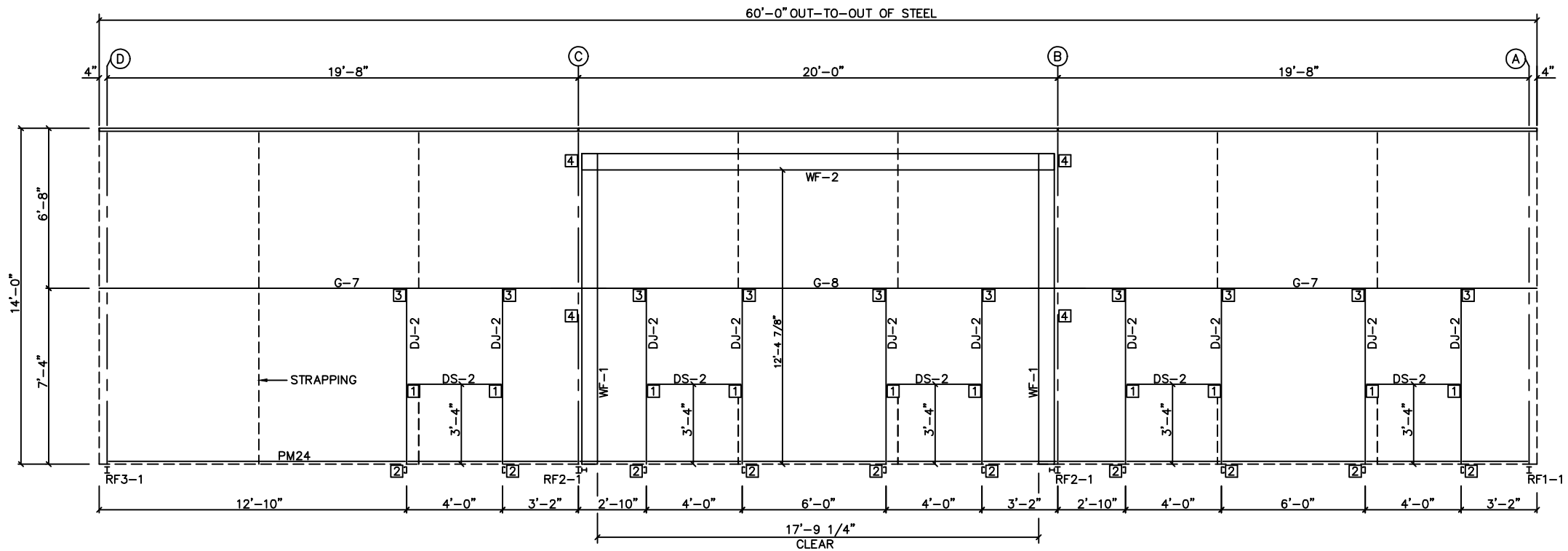
DWG. NO.
E-2.0

0 DOWNSPOUT LOCATIONS

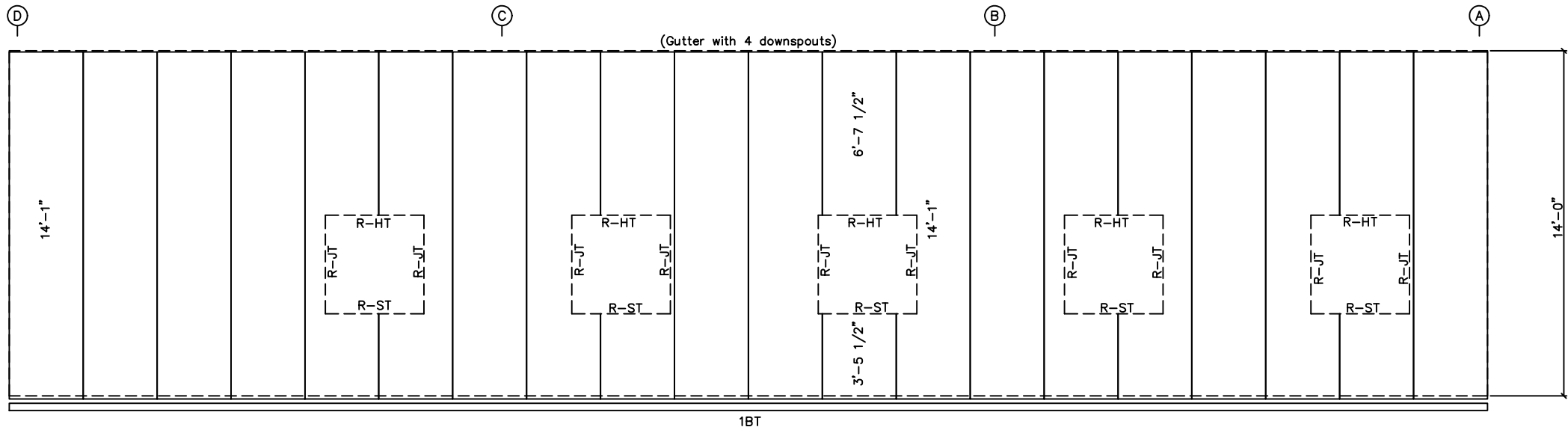


ROOF SHEETING PLAN
PANELS: 24 Ga. PC216 – Galvalume

CUSTOMER: LMC STEEL PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055 JOB NUMBER: 24-10010_R1 DESCRIPTION: ROOF SHEETING		SCALE: NTS DESIGN: AP DRAWN BY: DL		DWG. NO. E-2.1																																																								
				ENGINEER SEAL																																																								
DRAWING STATUS ☐ THESE DRAWINGS, BEING FOR APPROVAL, ARE, BY REPRESENTATION ONLY, AND THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT CONSTRUCTION. DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. ☒ FOR PERMIT. THESE DRAWINGS, BEING FOR PERMIT, ARE, BY DEFINITION, NOT FINAL. IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT FINAL, AND THE PROJECT IS NOT CONSIDERED AS COMPLETE. ☐ FOR CONSTRUCTION. THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.		ISSUE <table><thead><tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th><th>BY</th><th>CHK'D</th></tr></thead><tbody><tr><td>A</td><td>12/20/24</td><td>FOR APPROVAL</td><td>DWL</td><td></td></tr><tr><td>B</td><td>2/5/25</td><td>PERMIT DRAWING</td><td>DWL</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>		NO.	DATE	DESCRIPTION	BY	CHK'D	A	12/20/24	FOR APPROVAL	DWL		B	2/5/25	PERMIT DRAWING	DWL																																											
NO.	DATE	DESCRIPTION	BY	CHK'D																																																								
A	12/20/24	FOR APPROVAL	DWL																																																									
B	2/5/25	PERMIT DRAWING	DWL																																																									



SIDEWALL FRAMING: FRAME LINE 4



SIDEWALL SHEETING & TRIM: FRAME LINE 4
PANELS: 24 Ga. PBR - NEED COLOR

BOLT TABLE				
FRAME LINE 4				
LOCATION		QUAN	TYPE	DIA
WF-1 - WF-2		8	A325	3/4"
WF-1 - RF2-1		16	A325	3/4"

MEMBER TABLE		
FRAME LINE 4		
MARK	PART	LENGTH
WF-1	W8X13	13'-1"
WF-2	W8X18	17'-8 1/2"
DJ-2	8X25C16	7'-4"
DS-2	8X25C16	4'-0"
G-7	8X25C16	21'-1 1/2"
G-8	8X25C16	22'-3 1/2"

CONNECTION PLATES	
FRAME LINE 4	
ID	MARK/PART
1	JC2
2	JC1
3	GC1
4	W8X10-PB

ISSUE

NO.	DATE	DESCRIPTION
A	12/20/24	FOR APPROVAL
B	2/5/25	PERMIT DRAWING

DRAWING STATUS

☐ EIR APPROVAL: THESE DRAWINGS ARE BEING FOR APPROVAL AND ARE NOT FOR CONSTRUCTION. ANY CHANGES TO THESE DRAWINGS MUST BE MADE BY THE DESIGNER AND THE EIR MUST BE REISSUED FOR CONSTRUCTION.

☒ EIR PERMIT: THESE DRAWINGS ARE BEING FOR PERMIT AND ARE NOT FOR CONSTRUCTION. ANY CHANGES TO THESE DRAWINGS MUST BE MADE BY THE DESIGNER AND THE EIR MUST BE REISSUED FOR CONSTRUCTION.

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ENGINEER SEAL



02-05-2025

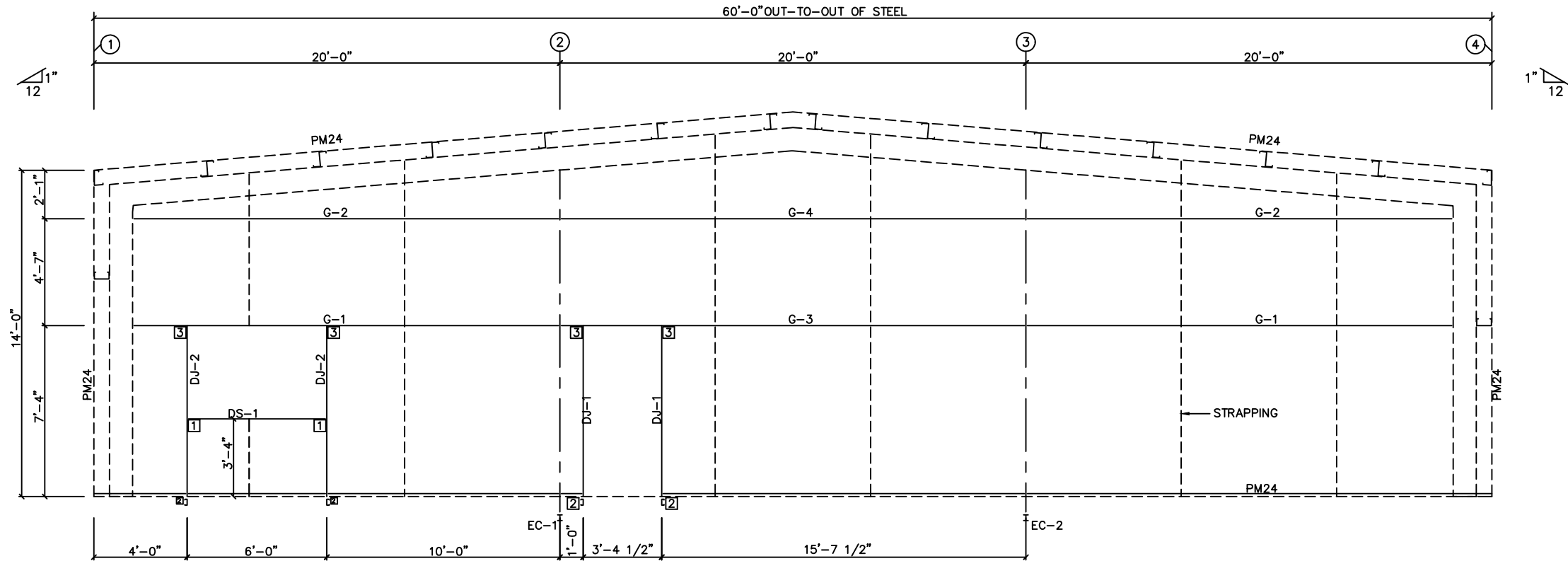


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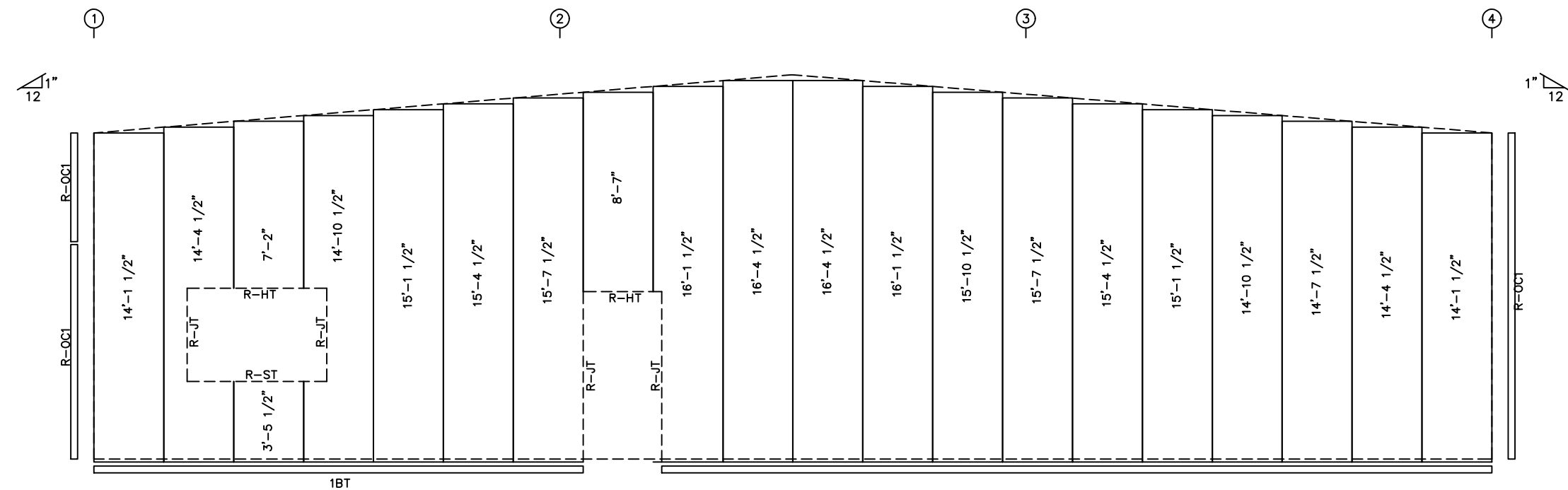
CUSTOMER: LMC STEEL
PROJECT: NEW FIRE DEPARTMENT
ADMIN. BUILDING
LOCATION: 1579 NW LAKE JEFFERY RD
LAKE CITY, FL 32055
JOB NUMBER: 24-10010_R1
DESCRIPTION: SIDEWALL FRAMING

SCALE: NTS
DESIGN: AP
DRAWN BY: DL

DWG. NO.
E-3.1



RIGHT ENDWALL FRAMING: FRAME LINE D



RIGHT ENDWALL SHEETING & TRIM: FRAME LINE D
PANELS: 24 Ga. PBR - NEED COLOR

CONNECTION PLATES	
FRAME LINE D	
ID	MARK/PART
1	JC2
2	JC1
3	GC1

BOLT TABLE			
FRAME LINE D			
LOCATION	QUAN	TYPE	DIA
Columns/Raf	4	A325	3/4"

MEMBER TABLE		
FRAME LINE D		
MARK	PART	LENGTH
EC-1	W8X10	14'-8 3/16"
EC-2	W8X10	14'-8 3/16"
DJ-1	8X25C16	7'-4"
DJ-2	8X25C16	7'-4"
DS-1	8X25C16	6'-0"
G-1	8X25C14	17'-11 5/8"
G-2	8X25C16	17'-11 5/8"
G-3	8X25C14	19'-3 1/2"
G-4	8X35C16	19'-3 1/2"

NOTE: THE FRAMING AS DEPICTED ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

ISSUE

NO.	DATE	DESCRIPTION	BY	CHKD
A	12/20/24	FOR APPROVAL	DL	
B	2/5/25	PERMIT DRAWING	DL	

DRAWING STATUS

☐ FOR APPROVAL
THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR USE FOR ANY OTHER PURPOSE IS AT THE USER'S RISK. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.

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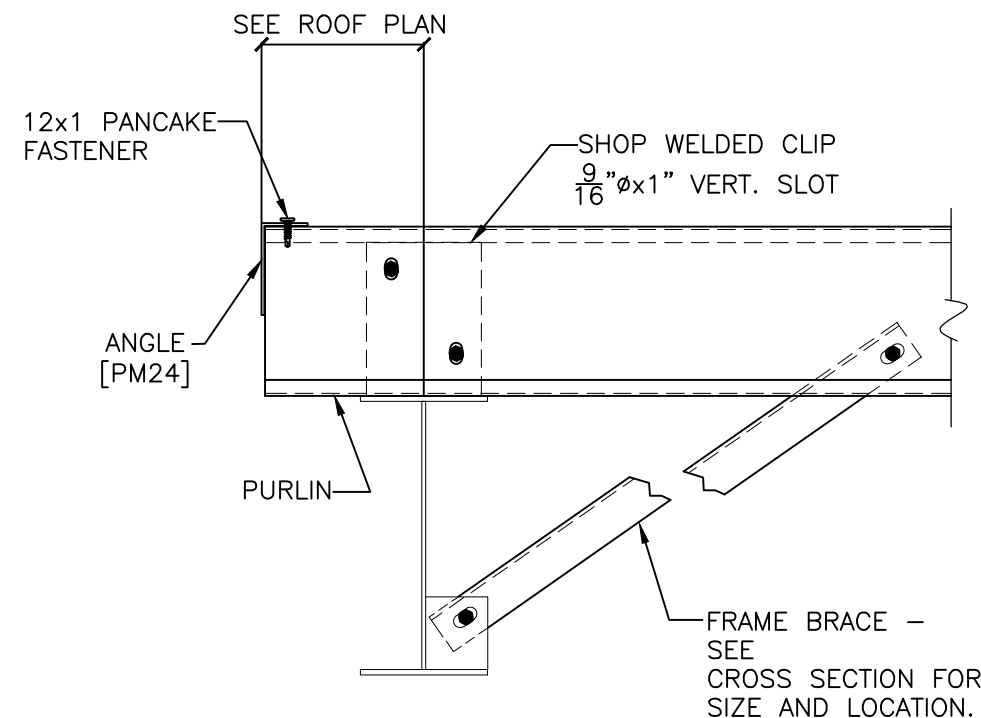
ENGINEER SEAL

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AllSouth Pro-Engineered Components, LLC.
985 Technology Drive
Dothan, AL 36303
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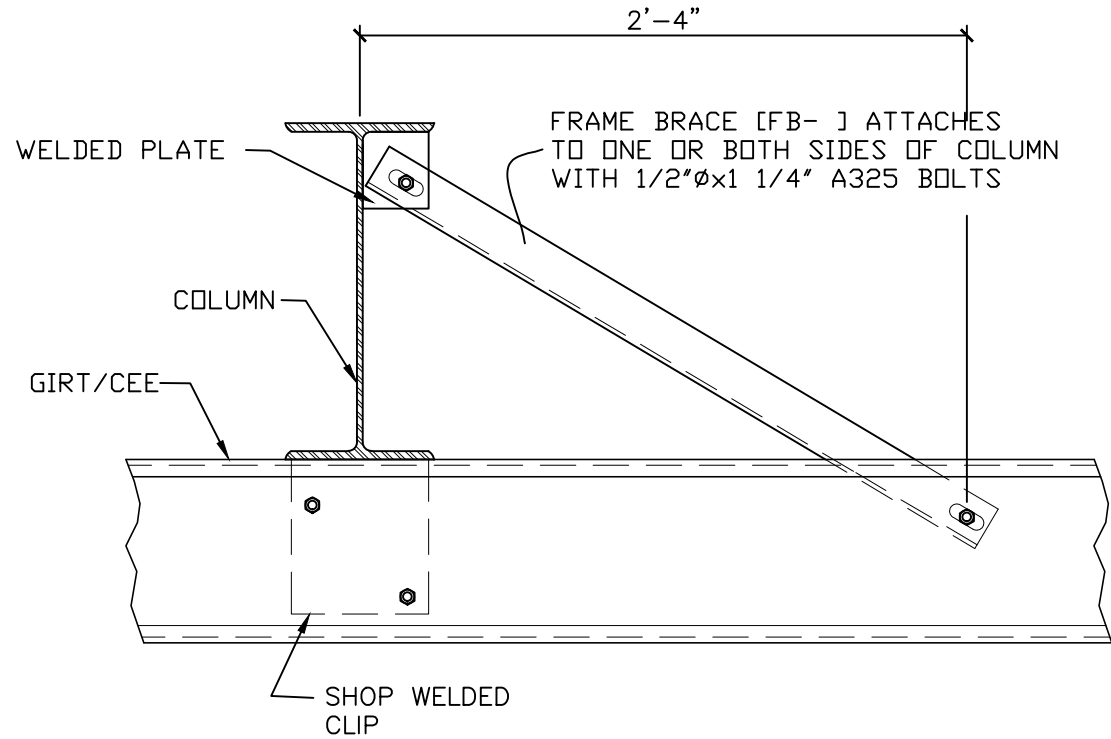
CUSTOMER: LMC STEEL
PROJECT: NEW FIRE DEPARTMENT
ADMIN. BUILDING
LOCATION: 1579 NW LAKE JEFFERY RD
LAKE CITY, FL 32055
JOB NUMBER: 24-10010_R1
DESCRIPTION: ENDWALL FRAMING

SCALE: NTS
DESIGN: AP
DRAWN BY: DL

DWG. NO.
E-4.1

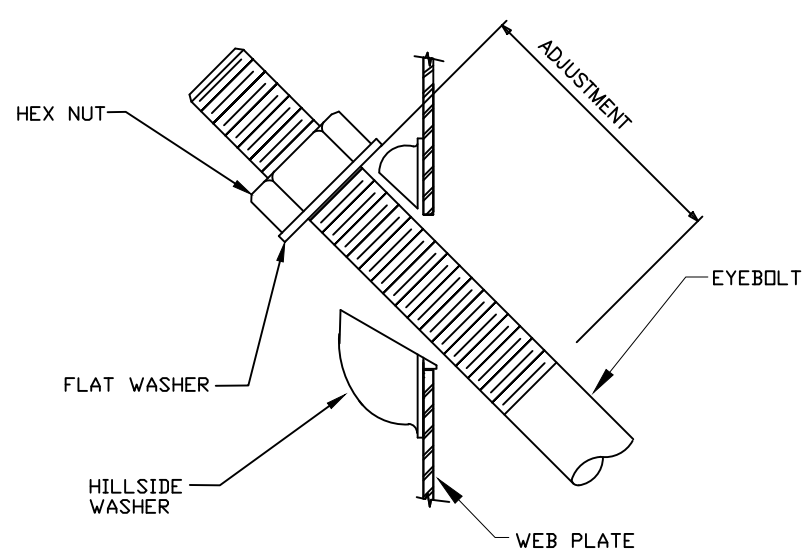


PURLIN TO RAFTER @ ENDWALL

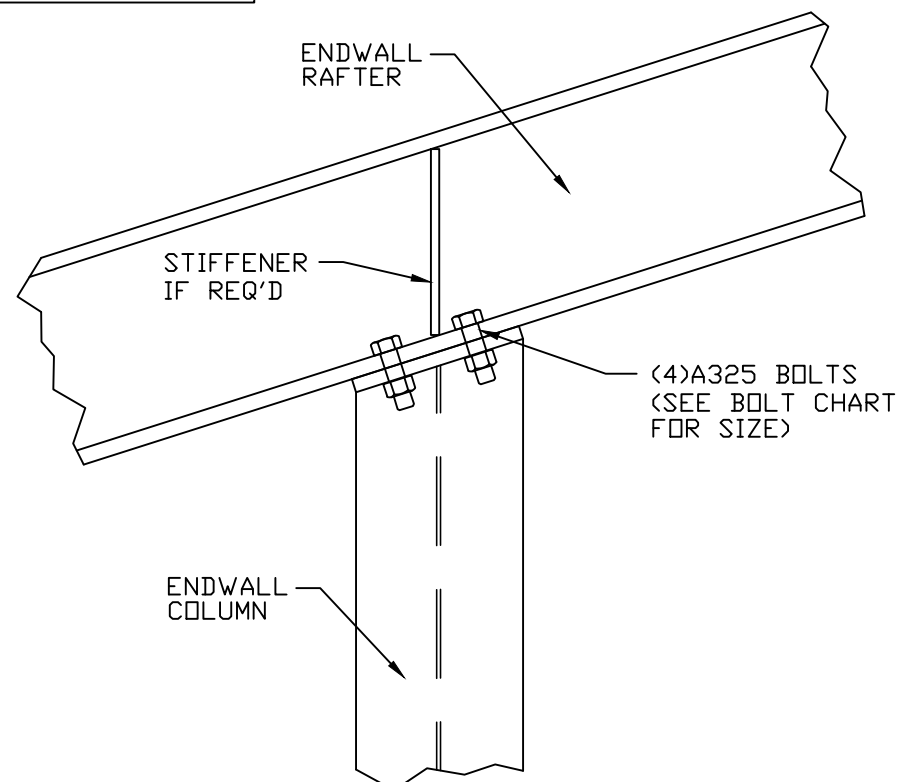


TYPICAL SIDEWALL GIRT CONNECTION

ALL SECONDARY CONNECTIONS TO USE
1/2"Ø x 1 1/4" A325 BOLTS.

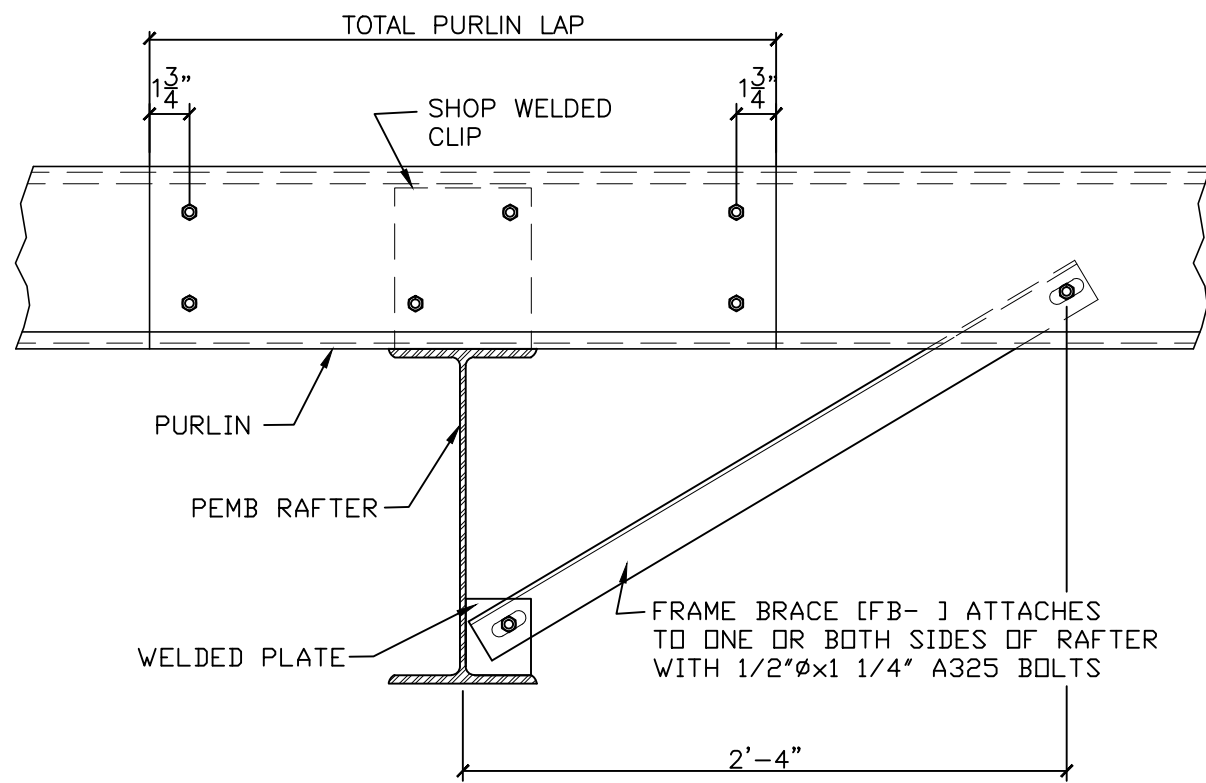


TYPICAL BRACE CONNECTION



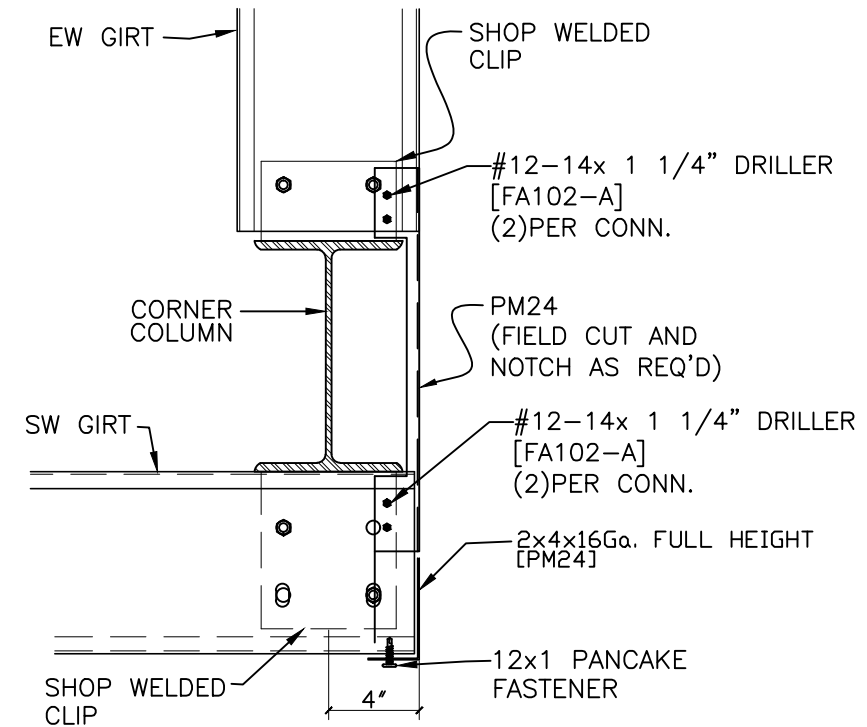
ENDWALL COLUMN TO RAFTER

ISSUE NO. DATE DESCRIPTION A 12/20/24 FOR APPROVAL B 2/25/25 PERMIT DRAWING		BY: CK/D INVL DWL
DRAWING STATUS [] THESE DRAWINGS, BEING FOR APPROVAL, ARE BY PERMIT ONLY. THEY ARE NOT TO BE USED FOR CONSTRUCTION WITHOUT THE SIGNATURE OF THE DESIGNER. [] THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL. THAT IS, A MINIMUM OF TWO CONSTRUCTION SETS MUST BE SUBMITTED FOR REVIEW AND APPROVAL. THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.		
ENGINEER SEAL AllSouth Pre-Engineered Components, LLC. 906 Technology Drive Dothan, AL 36603 (334) 699-8394 (334) 699-8396 FAX www.builtwithapec.com		
CUSTOMER: LMC STEEL PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055 JOB NUMBER: 24-1001_R1 DESCRIPTION: SECTIONS AND DETAILS		
SCALE: NTS DESIGN: AP DRAWN BY: DL		
DWG. NO. D1		

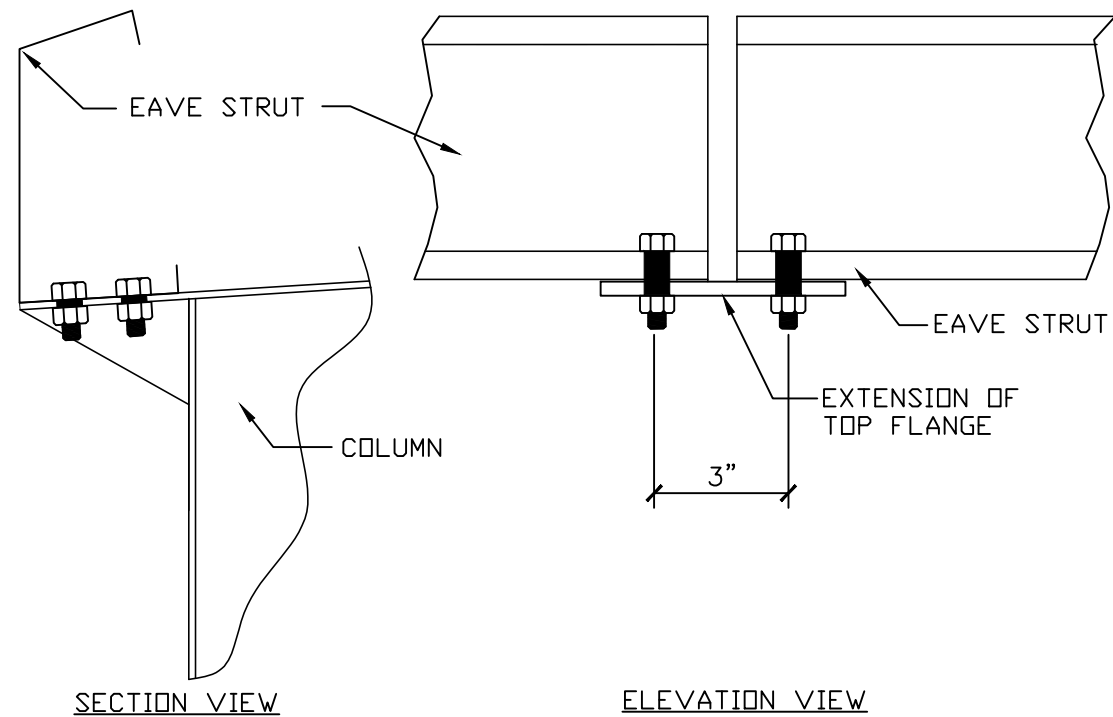


PURLIN AND FRAME BRACE CONNECTION

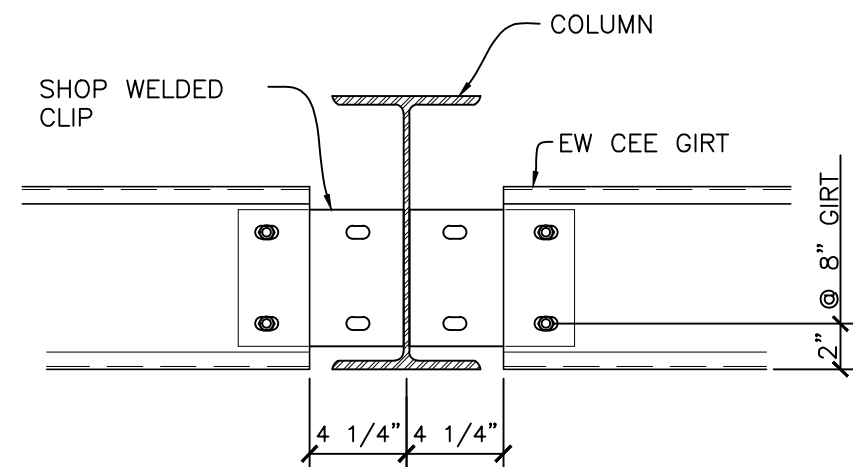
w/ PURLIN LAP



4" ENDWALL SETBACK w/ BYPASS
SIDEWALL GIRTS



EAVE STRUT TO RIGID FRAME

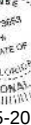


ENDWALL GIRT CONNECTION AT FLUSH WALL

CUSTOMER: LMC STEEL PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055	SCALE: NTS	
	DESIGN: AP	
JOB NUMBER: 24-10010_R1 DESCRIPTION: SECTIONS AND DETAILS	DRAWN BY: DL	
	DWG. NO. D2	



LAPPEC
 AllSouth Pre-Engineered Components, LLC
 905 Technology Drive
 Dothan, AL 36503

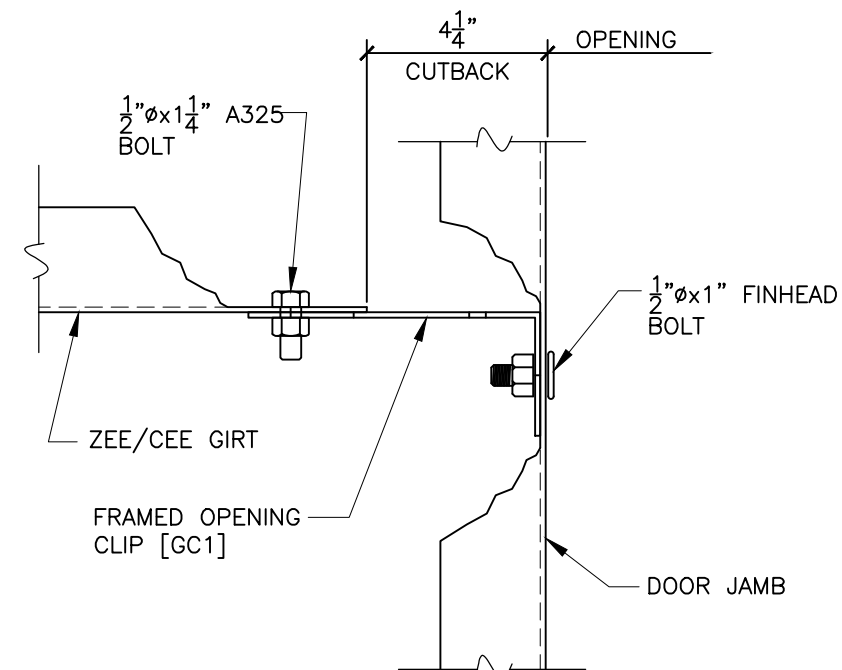
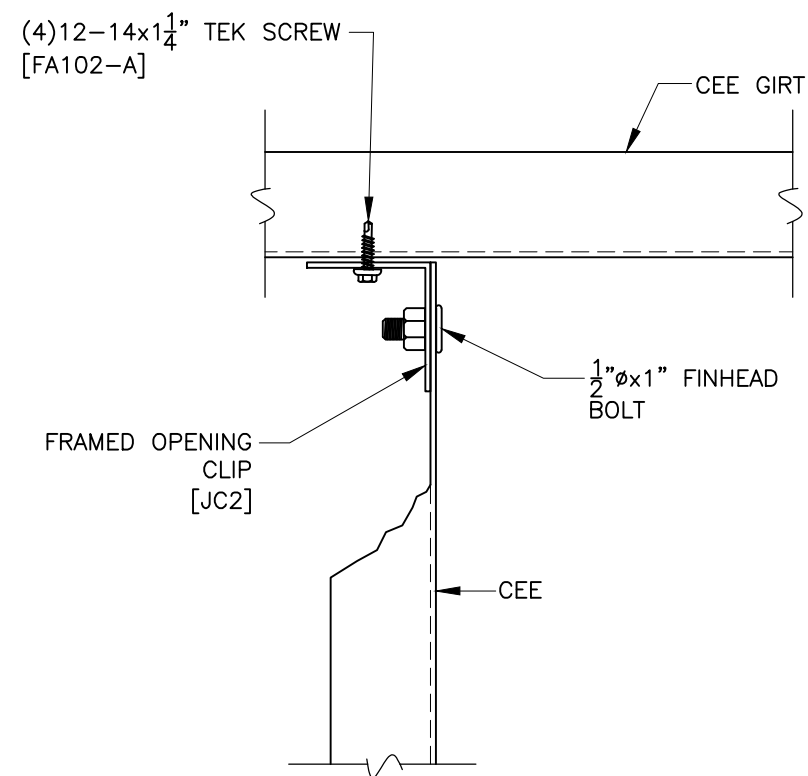
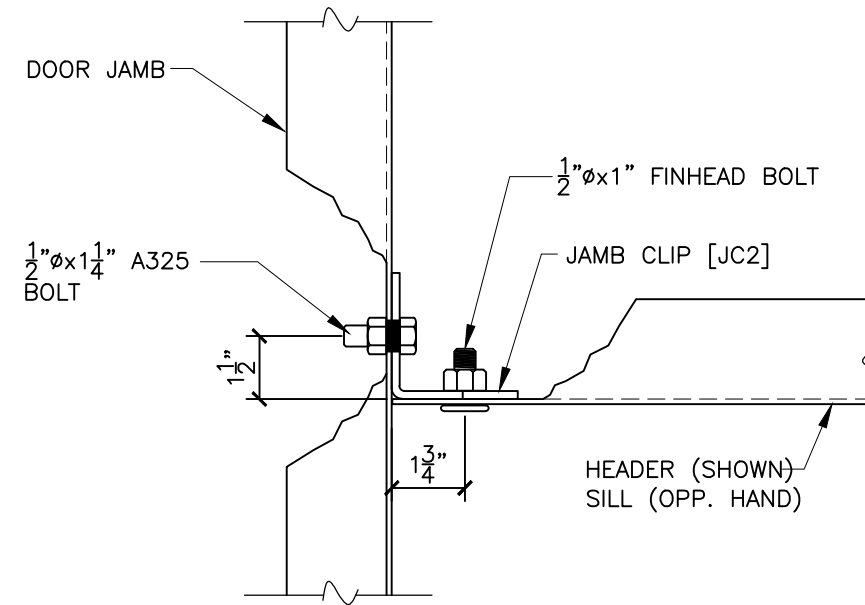
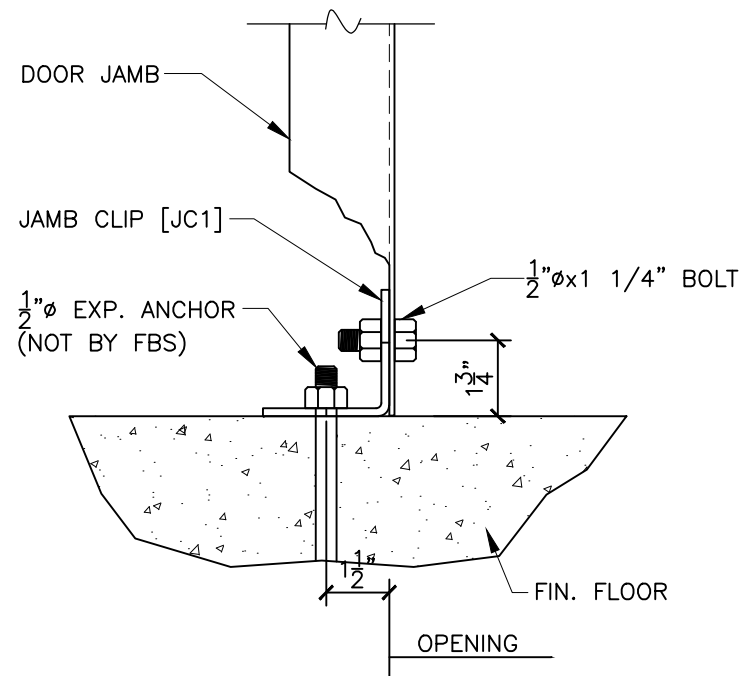


02-05-2025

ENGINEER SEAL

 www.buildwiththapecc.com

DRAWING STATUS	ISSUE
☐ THESE DRAWINGS, BEING FOR APPROVAL, ARE, BY DEFINITION, FINAL, AND ARE SUBJECT TO NO FURTHER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO. DATE DESCRIPTION BY ICK'D A 12/20/24 FOR APPROVAL DWL B 2/5/25 PERMIT DRAWING DWL
☒ THESE DRAWINGS, BEING FOR PERMIT, ARE, BY DEFINITION, FINAL, IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	
☐ FOR CONSTRUCTION, THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION	



CUSTOMER: LMC STEEL PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055 JOB NUMBER: 24-10010_R1 DESCRIPTION: SECTIONS AND DETAILS	SCALE:	NTS
	DESIGN:	AP
	DRAWN BY:	DL
	DWG. NO.	



HAPEH
 South Pre-Engineered Components, LLC
 985 Technology Drive
 Dothan, AL 36803

(334) 690-8304
 (334) 690-5585 FAX
www.builtwithape.com



02-05-2025

ENGINEER SEAL

DRAWING STATUS		ISSUE	
NO.	DATE	DESCRIPTION	BY
A	12/20/24	FOR APPROVAL	DWL
B	2/5/25	PERMIT DRAWING	DWL

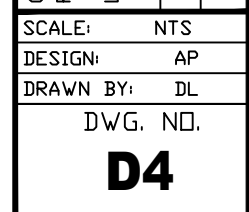
☐ FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL. THEIR PURPOSE IS TO REPRESENTATION ONLY. THEIR PURPOSE IS TO OBTAIN PROPER INTERPRETATION OF THE PROJECT. THEY ARE NOT TO BE USED FOR CONSTRUCTION. THEY CAN BE CONSIDERED AS COMPLETE.

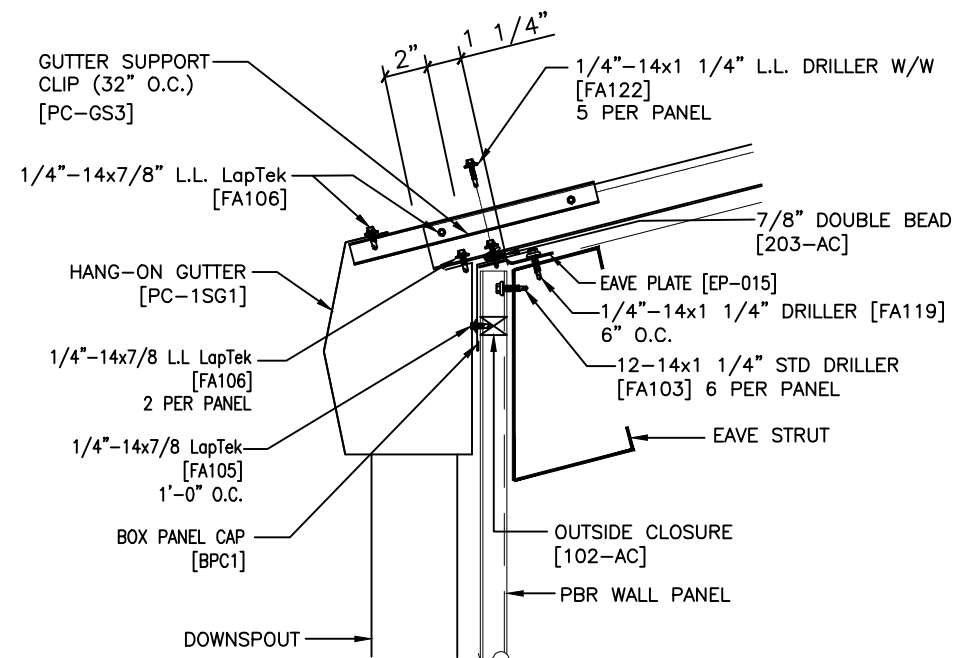
☒ FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE NOT FINAL IN THAT, AS A MINIMUM, FIELD MARKINGS ARE REQUIRED FOR CONSTRUCTION. THEY CAN BE CONSIDERED AS COMPLETE.

☐ FOR CONSTRUCTION: THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION



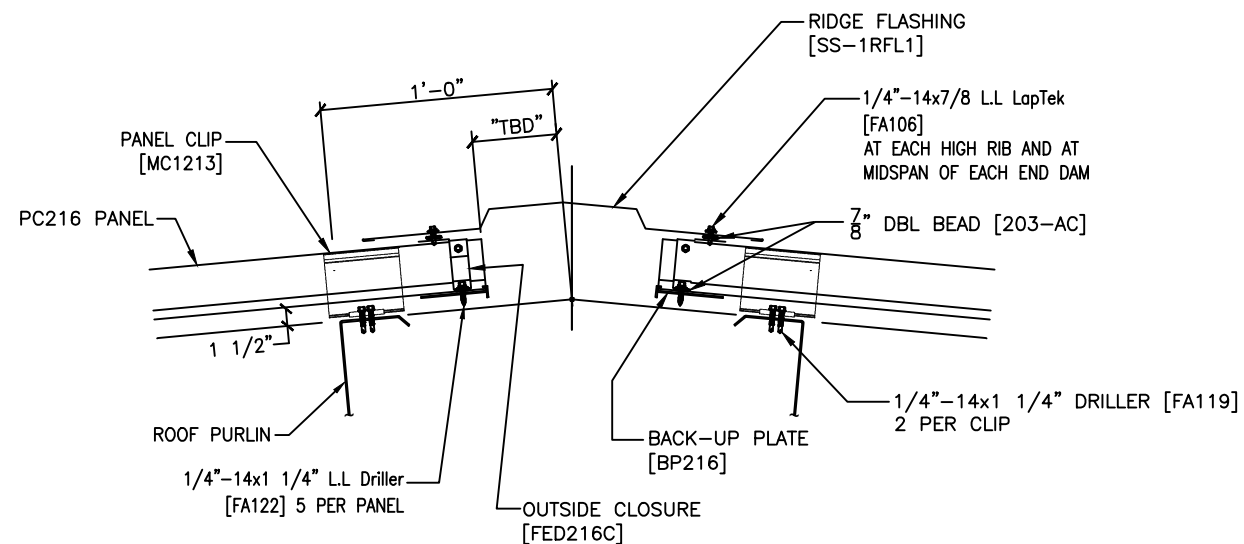
WIND BENT OR WIND COLUMN CONNECTION



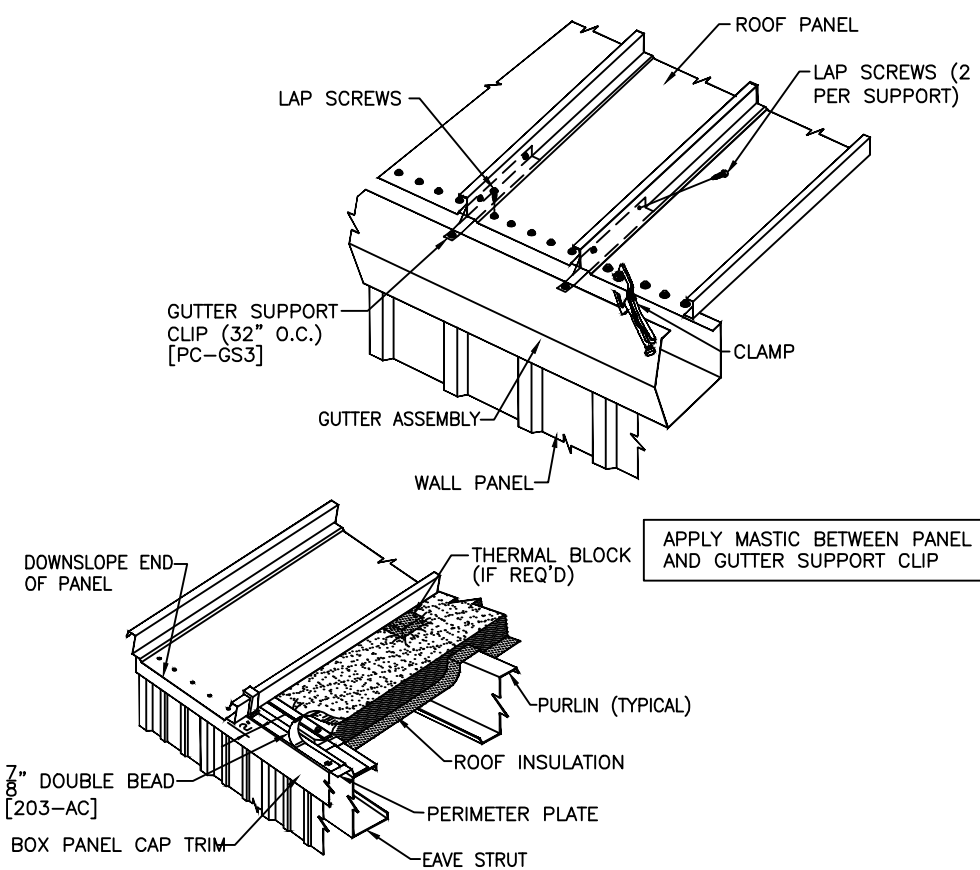


SECTION THRU EAVE

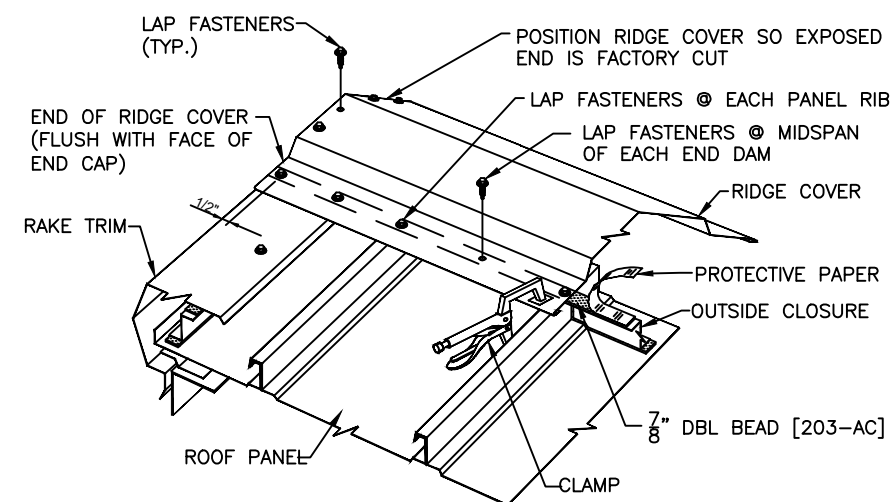
WITHOUT LINER PANELS



SECTION THRU RIDGE

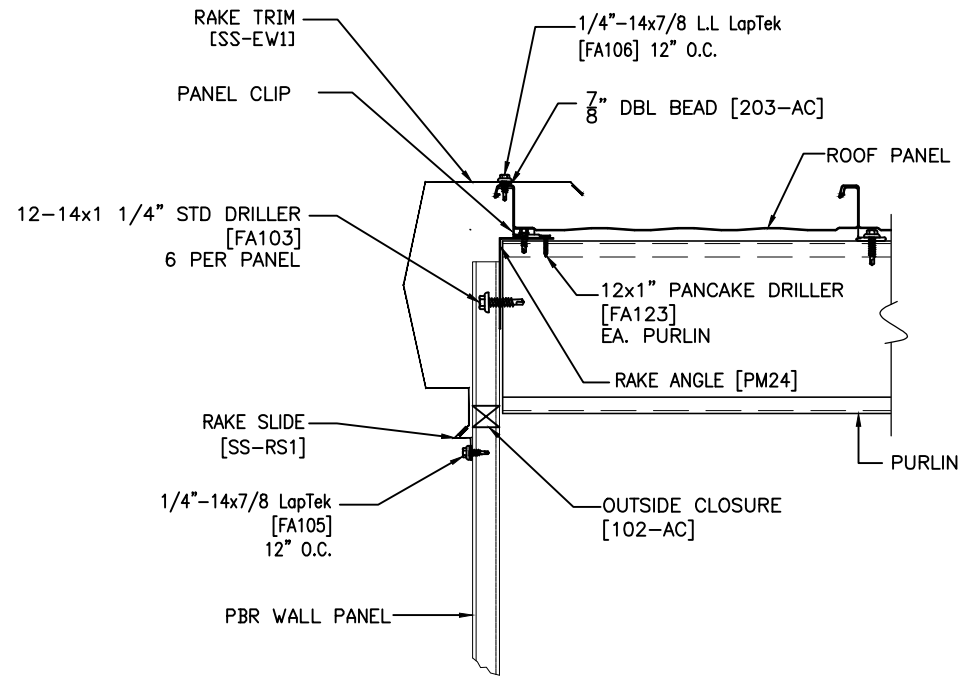


ISOMETRIC VIEW OF EAVE



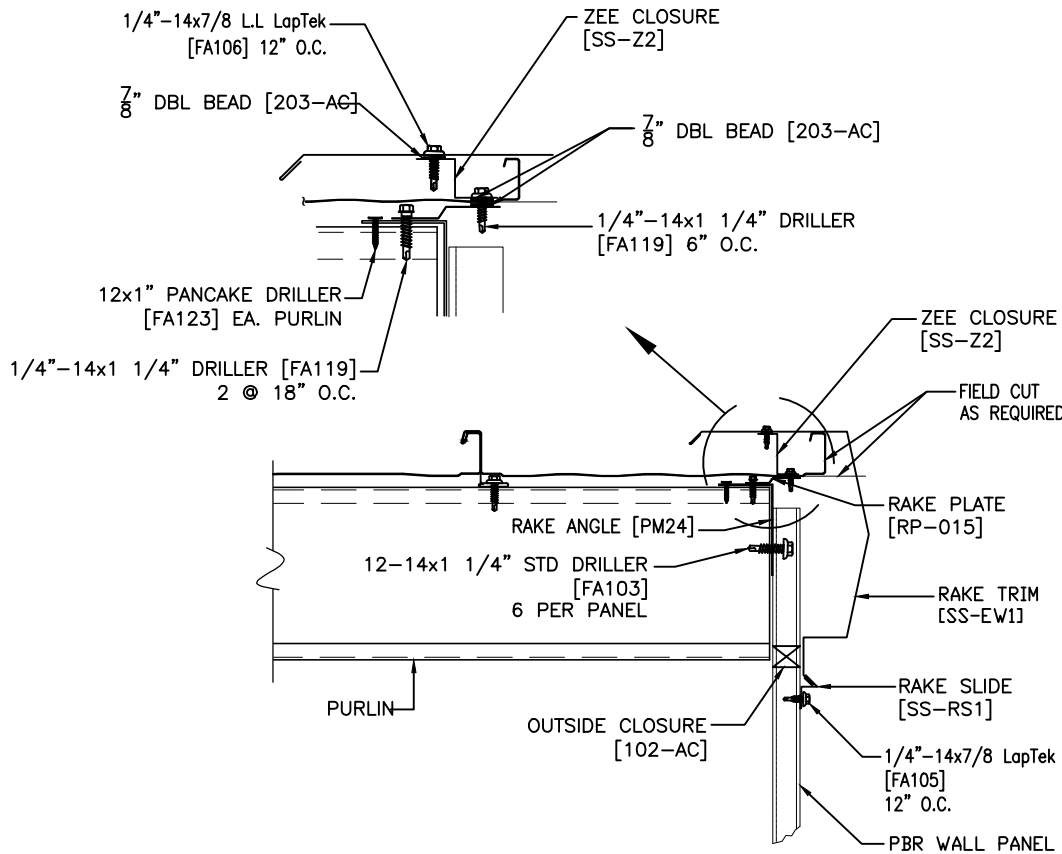
ISOMETRIC VIEW OF RIDGE

CUSTOMER: LMC STEEL		SCALE: NTS																																									
PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING		DESIGN: AP																																									
LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055		DRAWN BY: DL																																									
JOB NUMBER: 24-10010_R1		DWG. NO.																																									
DESCRIPTION: SECTIONS AND DETAILS		D5																																									
 South Pre-Engineered Components, LLC 985 Technology Drive Dothan, AL 36303 (334) 699-6394 (334) 699-6396 FAX www.builtwiththaspec.com		 02-05-2025 ENGINEER SEAL																																									
DRAWING STATUS ☐ FOR APPROVAL THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO IDENTIFY THE PROJECT AND THE ISSUES TO BE ADDRESSED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. ☒ FOR PERMIT THESE DRAWINGS, BEING FOR PERMIT ARE BY DEFINITION NOT IDENTIFIED, ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. ☐ FOR CONSTRUCTION THESE DRAWINGS ARE FINAL AND		ISSUE <table><thead><tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th><th>BY</th><th>CK'D</th></tr></thead><tbody><tr><td>A</td><td>12/20/24</td><td>FOR APPROVAL</td><td>DWL</td><td></td></tr><tr><td>B</td><td>2/5/25</td><td>PERMIT DRAWING</td><td>DWL</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>		NO.	DATE	DESCRIPTION	BY	CK'D	A	12/20/24	FOR APPROVAL	DWL		B	2/5/25	PERMIT DRAWING	DWL																										
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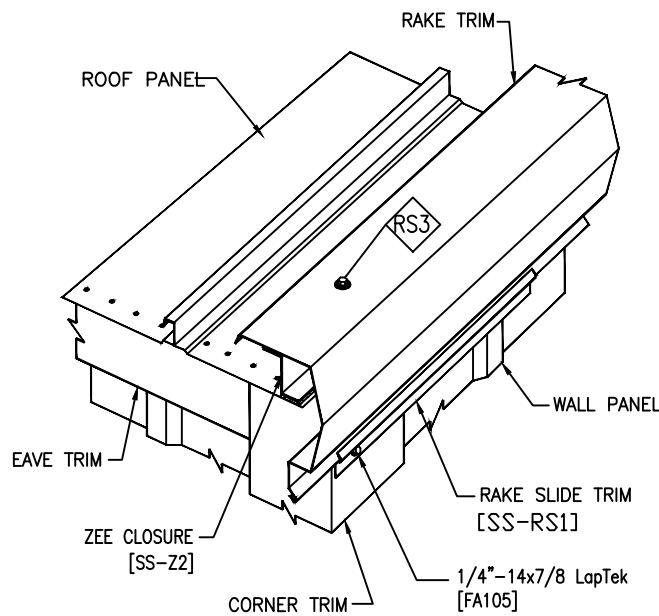
SECTION THRU STARTING RAKE

1
D6



SECTION THRU ENDING RAKE

2
D6



ISOMETRIC VIEW OF RAKE

ISSUE		BY	CHK'D
DESCRIPTION	FOR APPROVAL	DWL	
A	12/20/24		
B	2/5/25		

DRAWING STATUS	
☐	FOR APPROVAL: BEING FOR APPROVAL ARE BY REPRESENTATION ONLY. THEIR PURPOSE IS TO PRESENT CONCEPTS. THEY ARE NOT TO BE USED FOR CONSTRUCTION. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
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☐	ISSUED FOR FIELD USE FOR BUILDING ERECTION



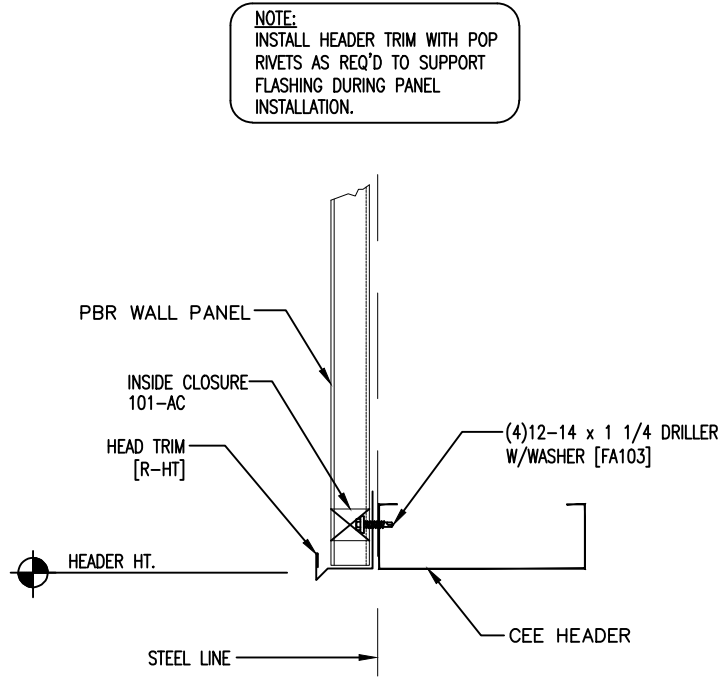
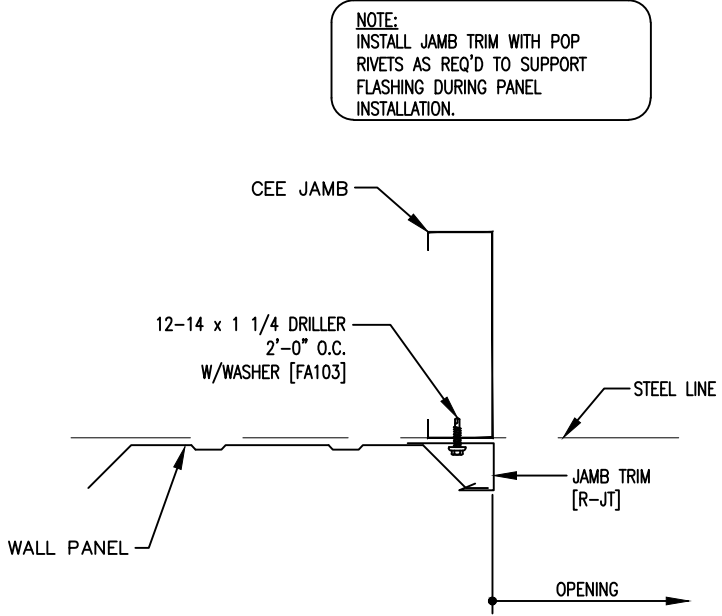
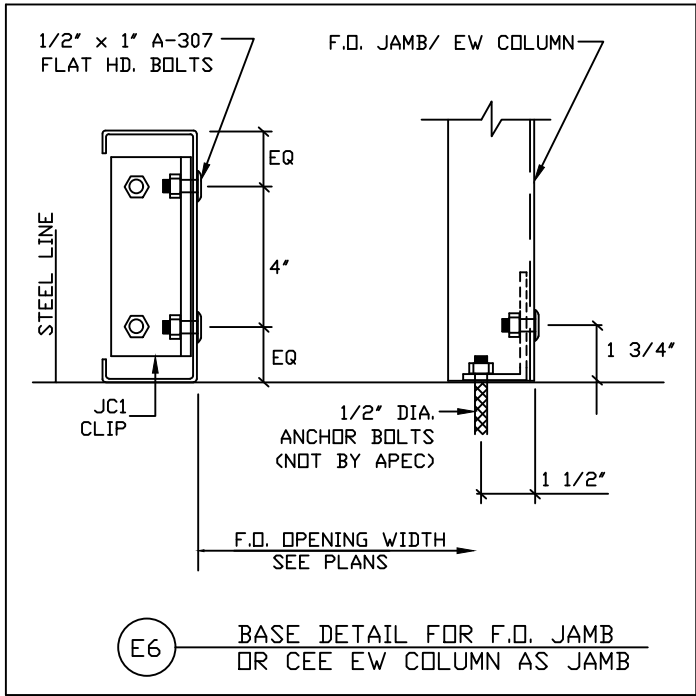
ENGINEER SEAL



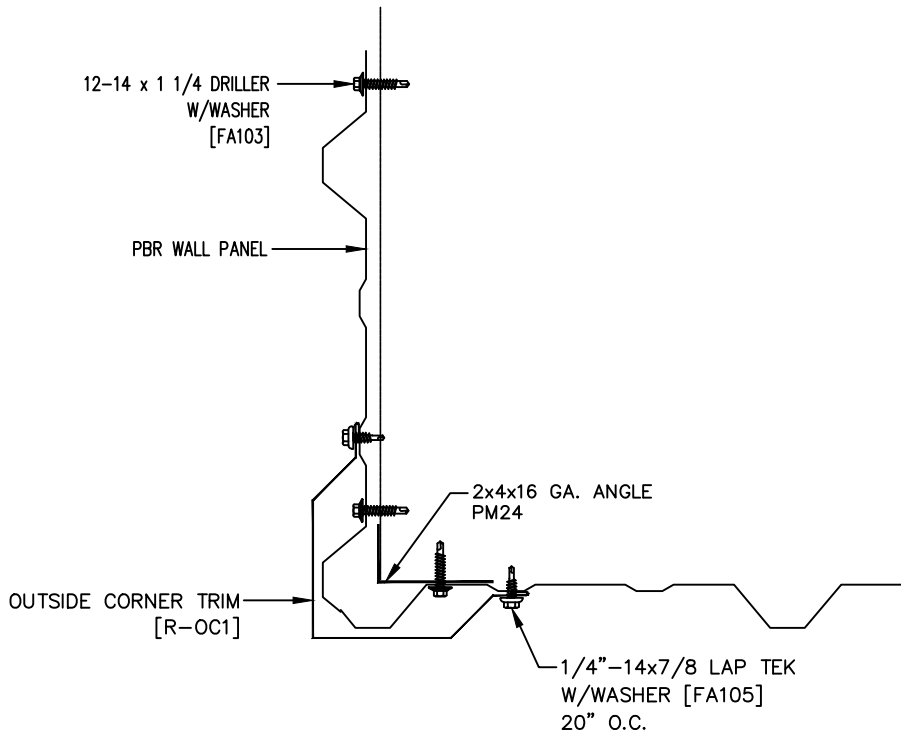
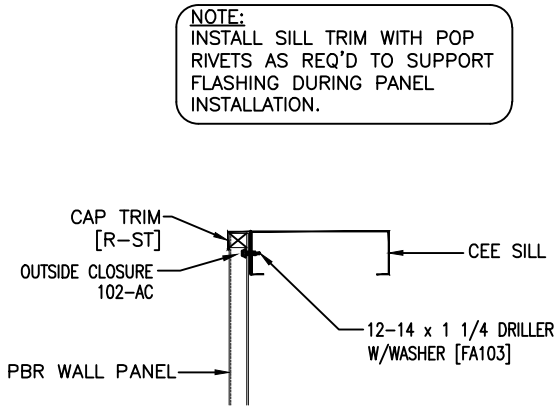
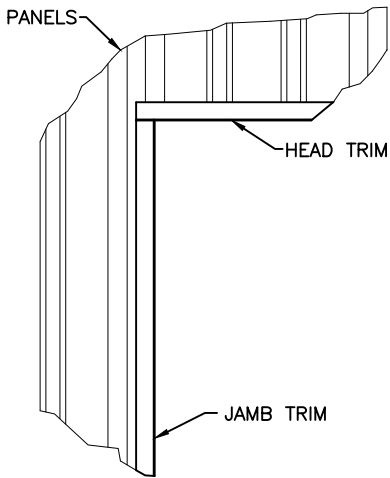
APESOUTH Pre-Engineered Components, INC.
985 Technology Drive
Dothan, AL 36508
(334) 699-8394
(334) 699-8395 FAX
www.buildwithapec.com

CUSTOMER: LMC STEEL PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055	JOB NUMBER: 24-10010_R1 DESCRIPTION: SECTIONS AND DETAILS

SCALE:	NTS
DESIGN:	AP
DRAWN BY:	DL
DWG. NO.	
D6	



NOTE:
INSTALL JAMB/HEADER TRIM WITH
POP RIVETS AS REQ'D TO SUPPORT
FLASHING DURING PANEL INSTALLATION.



ISSUE		NO.	DATE	DESCRIPTION	BY	CHK'D
DRAWING STATUS	FOR APPROVAL	A	12/20/24	FOR APPROVAL	DWL	
	PERMIT DRAWING	B	2/5/25	PERMIT DRAWING	DWL	

DRAWING STATUS		NO.	DATE	DESCRIPTION	BY	CHK'D
☐	FOR APPROVAL	A	12/20/24	FOR APPROVAL	DWL	
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☒	FOR PERMIT	B	2/5/25	FOR PERMIT	DWL	
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☐	FOR CONSTRUCTION	C	2/5/25	FOR CONSTRUCTION	DWL	
	FOR CONSTRUCTION, THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.					



ENGINEER SEAL

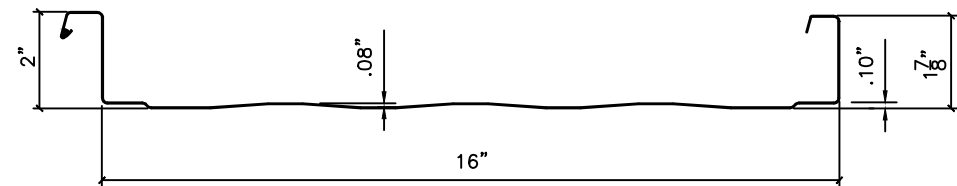
APPEA
AUSouth Pre-Engineered Components, LLC
805 Technology Drive
Dothan, AL 36503
(334) 699-8504
(334) 699-8506 FAX
www.buildwithape.com

CUSTOMER: LMC STEEL		JOB NUMBER: 24-10010_R1	
PROJECT: NEW FIRE DEPARTMENT		DESCRIPTION: SECTIONS AND DETAILS	
ADMIN. BUILDING			
LOCATION: 1579 NW LAKE JEFFERY RD			
LAKE CITY, FL 32055			

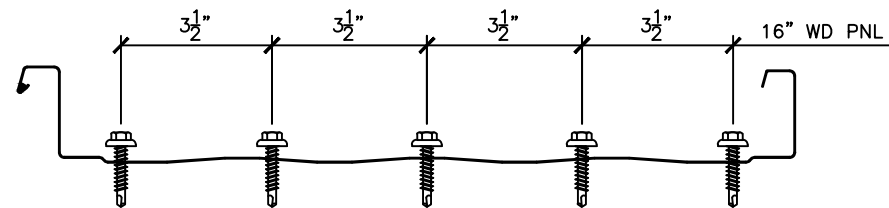
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DRAWN BY:	DL

DWG. NO.

D7

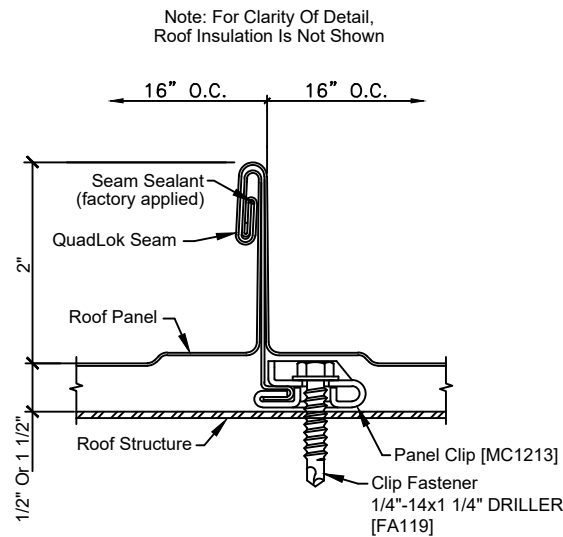


PC216 w/ STRIATED PAN



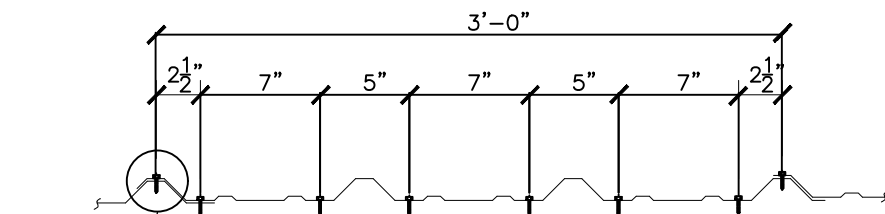
AT EAVE, ENDLAP, RIDGE

PC216 PANEL PROFILE AND FASTENER LAYOUT



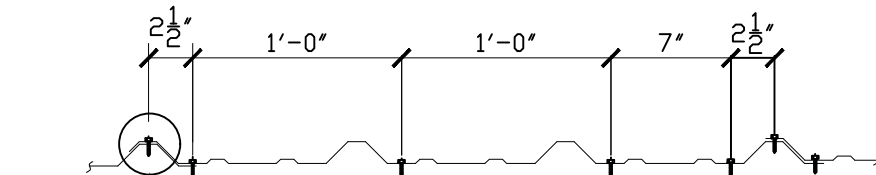
Note: For Clarity Of Detail,
Roof Insulation Is Not Shown

QUAD LOK SEAM



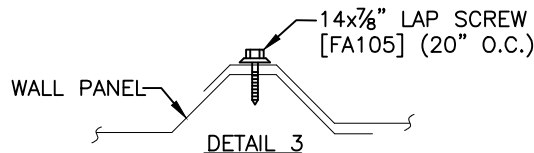
SEE SIDELAP
DETAIL (BELOW)

12-14x1 1/4" [FA103], EXTERIOR SCREWS
USE AT ALL ENDLAP, BASE, EAVE AND RAKE CONDITIONS



SEE SIDELAP
DETAIL (BELOW)

12-14x1 1/4" [FA103], EXTERIOR SCREWS
USE AT ALL INTERMEDIATE GIRT CONDITIONS
& LINER PANEL CONDITIONS



PBR WALL PANEL PROFILE & FASTENERS

ISSUE	
NO.	DESCRIPTION
A	12/20/24 FOR APPROVAL
B	2/5/25 PERMIT DRAWING

DRAWING STATUS	
☐	FOR APPROVAL: THESE DRAWINGS ARE BEING FOR APPROVAL ONLY. ANY CHANGES TO THE PROJECT MUST BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL. THE PROJECT ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWINGS AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED. THE PROJECT ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWINGS AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED.
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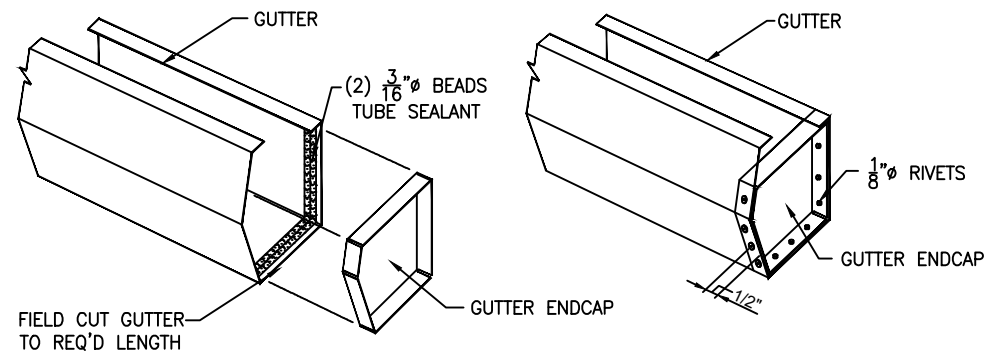
ENGINEER SEAL



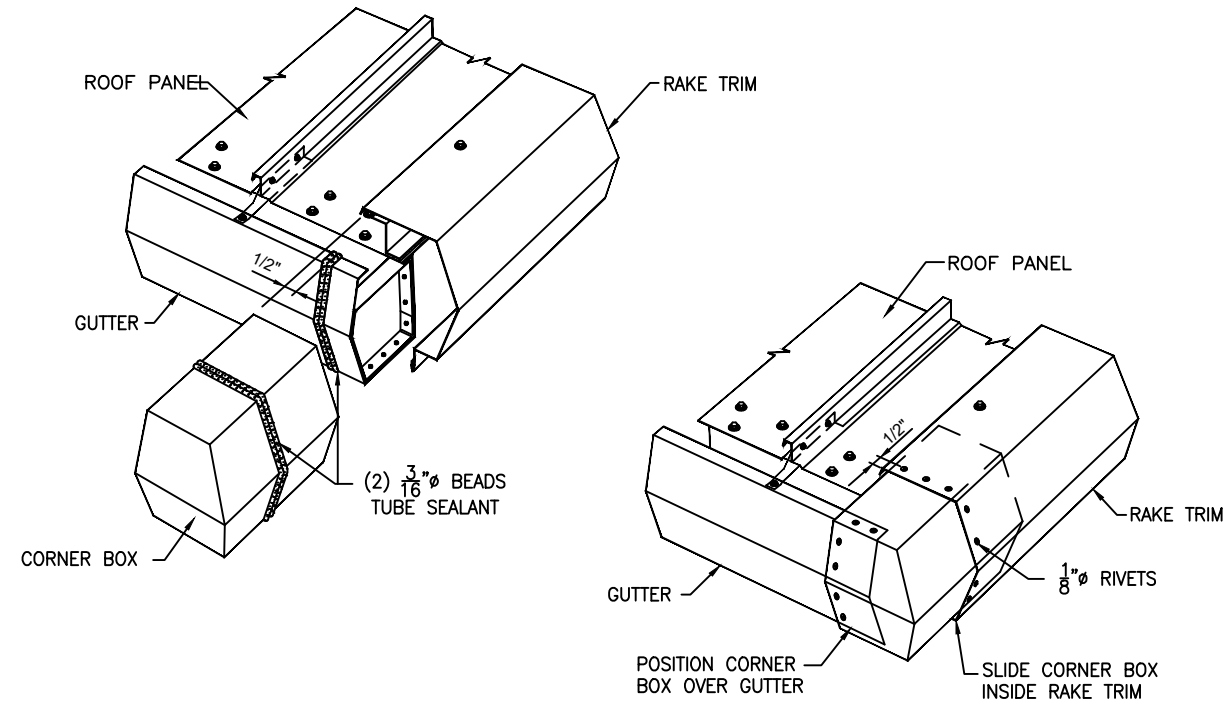
Alisouth Pre-Engineered Components, LLC.
985 Technology Drive
Dothan, AL 36303
(334) 699-8394
(334) 699-8395 FAX
www.buildwithapec.com

CUSTOMER: LMC STEEL	JOB NUMBER: 24-10010_R1
PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING	DESCRIPTION: SECTIONS AND DETAILS
LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055	

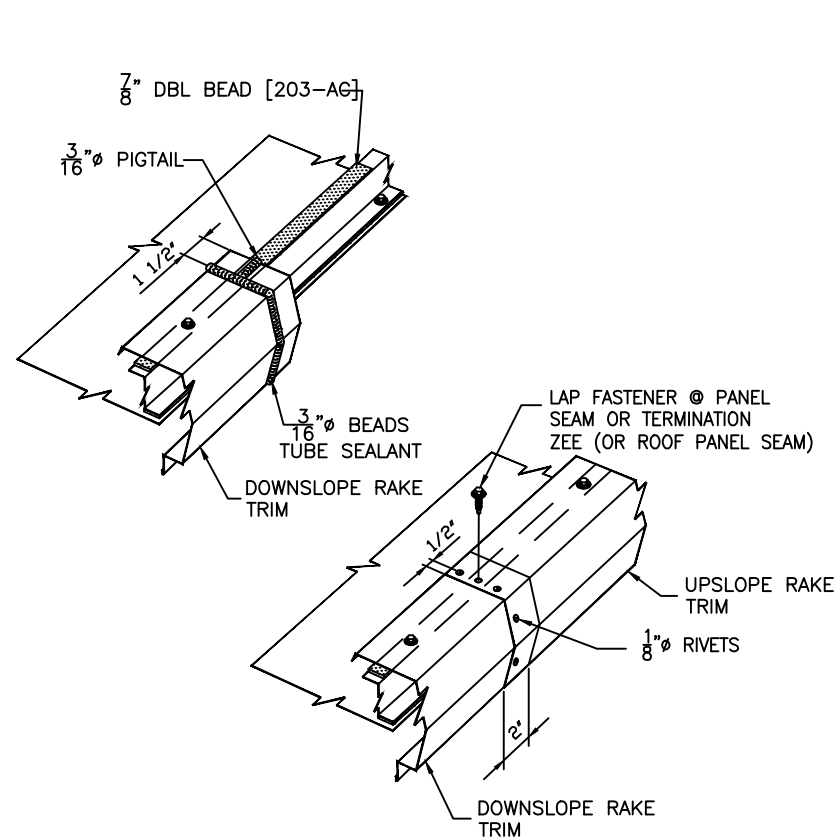
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DESIGN: AP
DRAWN BY: DL
DWG. NO. D8



ISOMETRIC VIEW OF GUTTER SPLICE

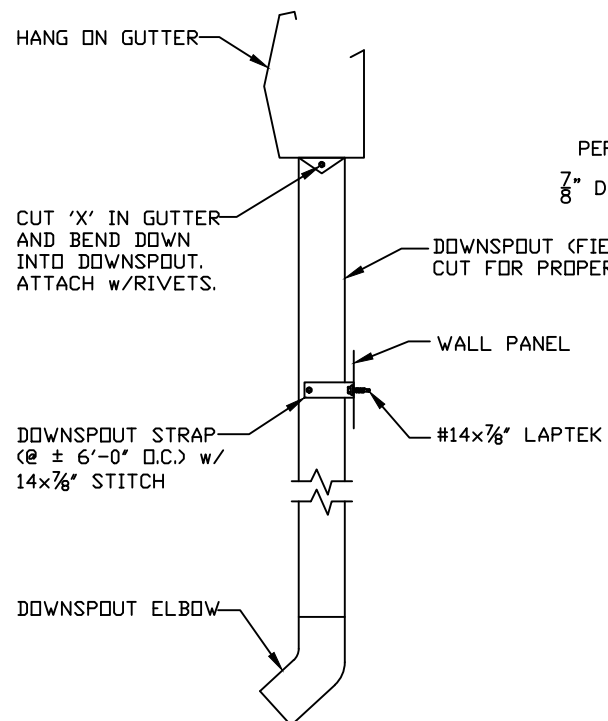


ISOMETRIC VIEW OF CORNER BOX INSTALLATION

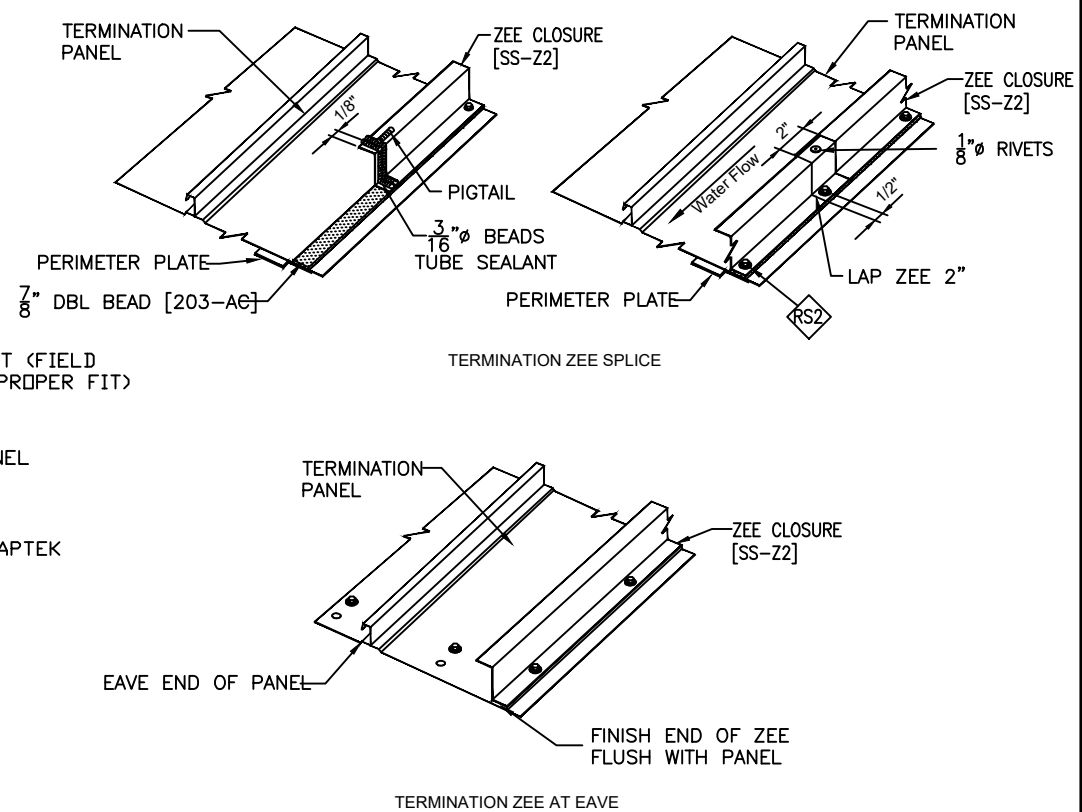


ISOMETRIC VIEW OF RAKE SPLICE

NOTE:
REFER TO ROOF SHEETING PLAN
FOR DOWNSPOUT LOCATIONS.



TYPICAL DOWNSPOUT DETAIL



ISOMETRIC VIEW OF ZEE CLOSURE SPLICE AT PANEL

CUSTOMER: LMC STEEL		SCALE: NTS		
PROJECT: NEW FIRE DEPARTMENT ADMIN. BUILDING		DESIGN: AP		
LOCATION: 1579 NW LAKE JEFFERY RD LAKE CITY, FL 32055		DRAWN BY: DL		
JOB NUMBER: 24-10010_R1		DWG. NO.		
DESCRIPTION: SECTIONS AND DETAILS		D9		
 AllSouth Precast-Reinforced Components, LLC 985 Technology Drive Dothan, AL 36303 (334) 699-8394 (334) 699-8395 FAX www.buildwithapee.com		 02-05-2025 ENGINEER SEAL		
		DRAWING STATUS		
		☐ FIR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL DESIGN PURPOSES ONLY. THEY DO NOT CONSTITUTE OR CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. ☒ FIR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL, BUT AS A WARNING, THESE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. ☐ FIR CONSTRUCTION: THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION		
		ISSUE		
		NO.	DATE	
		A	12/20/24	
		B	2/5/25	
		DESCRIPTION	BY	CHK'D
		FIR APPROVAL	DVL	
		PERMIT DRAWING	DVL	