



PERMIT DRAWINGS
COLUMBIA COUNTY BRD. OF COMM.
JOB # 25-08047

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BUILDING LOADS

- A) THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY IBC 24
- B) THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY THE BUILDING MANUFACTURER AND AS SPECIFIED IN THE CONTRACT. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSLUCENT PANELS, VENTILATORS ARE NOT INCLUDED, ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY THE BUILDING MANUFACTURER SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHOULD BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE BUILDING MANUFACTURER'S DESIGN MANUAL, THE ATTACHED DRAWINGS, AND GOOD ERECTION PRACTICES. THE CONTRACTOR AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT.

DEAD LOAD	3.0	PSF	(FOR ROOF PANELS AND PURLINS)
ROOF LIVE LOAD	20.0	PSF	(REDUCIBLE Yes)
COLLATERAL DEAD LOAD	3.0	PSF	(FOR CEILING, SPRINKLERS, ETC.)
GROUND SNOW LOAD	4.00	PSF	ROOF SNOW LOAD 3.4 PSF Ca 1.0 Ct 1.2
SNOW BANKING LOADS	PER CODE	RAIN SURCHARGE	PSF
WIND LOAD	120	MPH	WIND EXPOSURE B
CLOSURE TYPE	Enclosed	Cat	±
OCCUPANCY CATEGORY	II	Ix	1.00 Iy 1.0 Iz 1.00
SEISMIC			
SPECTRAL RESPONSE	Sa 0.1400	S1 0.0610	Sds 0.1200 SD1 0.0667
SITE CLASS	D	DESIGN CATEGORY	B
DESIGN BASE SHEAR	3.03	KIPS	LONGITUDINAL 3.20 KIPS - TRANSVERSE
SEISMIC RESPONSE COEFFICIENTS, Ca	0.04	FRAMES	0.04 ROD BRACING
RESPONSE MODIFICATION FACTOR, R	3.00	FRAMES	3.00 ROD BRACING
BASIC SEISMIC FORCE RESISTING SYSTEM	Steel Systems Not Specifically Detailed For Seismic Resistance		
ANALYSIS PROCEDURE	= Equivalent Lateral Force Procedure		

GENERAL NOTES

- A) THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED.
- B) THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERTINENT PROCEDURES AND RECOMMENDATIONS OF THE FOLLOWING ORGANIZATIONS AND CODES.
1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION: "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
 2. AMERICAN IRON AND STEEL INSTITUTE: "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS"
 3. AMERICAN WELDING SOCIETY: "STRUCTURAL WELDING CODE" AWS D1.1.
 4. METAL BUILDING MANUFACTURER'S ASSOCIATION: "LOW RISE BUILDING SYSTEMS MANUAL"
- C) 1) MATERIAL PROPERTIES OF STEEL PLATE USED IN THE FABRICATION OF PRIMARY RIGID FRAMES, AND OTHER PRIMARY STRUCTURAL EXCLUSIVE OF COLD-FORMED SECTIONS, CONFORM TO ASTM-A529 OR A572 - FLANGES CONFORM TO A529 WITH A MINIMUM YIELD POINT OF 55,000 psi. WEB MATERIAL CONFORMS TO ASTM-A572 WITH A MINIMUM YIELD POINT OF 55,000 psi.
- 2) MATERIAL PROPERTIES OF PIPE SECTIONS CONFORM TO ASTM-A53 TYPE E, GRADE B WITH A MINIMUM YIELD POINT OF 35,000 psi.
 - 3) MATERIAL PROPERTIES OF TUBE SECTIONS CONFORM TO ASTM-A500, GRADE B WITH A MINIMUM YIELD POINT OF 45,000 psi.
 - 4) MATERIAL PROPERTIES OF HOT ROLLED ANGLE MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A36 WITH MINIMUM YIELD POINT OF 36,000 PSI. HOT ROLLED W-SHAPED AND CHANNEL MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A992/A572 WITH MINIMUM YIELD POINT OF 50,000 PSI.
 - 5) MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO ASTM-A570 OR A607 GRADE 55 MODIFIED WITH A MINIMUM YIELD POINT OF 57,000 psi.
 - 6) MATERIAL PROPERTIES OF ROOF/WALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES D OR E WITH MINIMUM YIELD POINTS OF 50,000 psi AND 80,000 psi RESPECTIVELY, AS REQUIRED BY DESIGN. COATING OF BASE MATERIAL IS 55K ALUMINUM-ZINC ALLOY IN ACCORDANCE WITH A255 SPECIFICATIONS.
 - 7) ROD UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM-A36 WITH MINIMUM YIELD POINT OF 36,000 PSI.
 - 8) ANCHOR BOLTS 3/4" IN DIAMETER THRU 1 1/4" IN DIAMETER CONFORM TO A.S.T.M. F1554 GR. 36.
 - 9) ANCHOR BOLTS 1/2" IN DIAMETER CONFORM TO A.S.T.M. A-307.
 - 10) ALL STEEL MEMBERS EXCEPT BOLTS, FASTENERS, CABLE AND RODS SHALL RECEIVE ONE COAT OF STANDARD GRAY/RED SHOP PRIMER. SEE TABLE ON THIS SHEET FOR COLOR.
 - 11) SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS STIPULATED OTHERWISE IN THE CONTRACT.
 - 12) BOLT AND WASHER REQUIREMENTS ARE PER AISC16 "SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS".

SAFETY COMMITMENT

- A) THE BUILDING MANUFACTURER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE ERECTOR ARE BEYOND THE CONTROL OF THE BUILDING MANUFACTURER.
- B) IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE.
- C) LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY.
- D) MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES.
- E) DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLED SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

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 PROFESSIONAL FOR A CONSTRUCTION PROJECT.
- 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) DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE BUILDING 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 "FOR CONSTRUCTION" DRAWINGS.
- 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 THAT REASONABLE VISUAL INSPECTION WOULD FAIL TO DISCLOSE IT, THEN THE CLAIM MUST BE MADE WITHIN FIVE (5) DAYS 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 UPON RECEIPT OF CLAIM BY CONTRACTOR.
- 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 REIMBURSE THE CONTRACTOR FOR THE COST OF THE REPAIR IN ACCORDANCE WITH THE WRITTEN AUTHORIZATION.
- I) ALL COLLUM AND RAFTER FLANGE BRACING WHERE SHOWN IS REQUIRED AND SHALL BE CONNECTED FROM THE FRAMES TO SECONDARY FRAMING (GIRTS, PURLINS 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 PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, 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 1998 LOW RISE BUILDING SYSTEMS MANUAL AND/OR THE 9TH EDITION OF THE ARCHITECTURAL GRAPHIC STANDARDS. PROPER OWNER MAINTENANCE DICTATES THAT THE DRAINAGE SYSTEM BE KEPT FREE AND CLEAR OF DEBRIS AND/OR ICE AT ALL TIMES 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 ALTERNATE.
- 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 DAMAGE TO THOSE SURFACES. RUST CAUSED BY ABRASIVE SAW DAMAGE OR ABRASIVE DUST PARTICLES CAN BE EXCLUDED FROM WARRANTY CLAIMS. REFERENCE THE PANEL INSTALLATION MANUAL FOR ADDITIONAL GUIDELINES FOR SHEARING AND MARKING PANELS AND FLASHING.

APPROVAL NOTES

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS:

- 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 DOCUMENTATION. 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.

BUILDING CODE SPECIFICATIONS REQUIRE CONSIDERATION OF SNOW SURCHARGES FOR ANY LOWER ROOF OF A STRUCTURE LOCATED WITHIN 20FT. OF A HIGHER STRUCTURE. INFORMATION SUPPLIED TO THE METAL BUILDING SUPPLIER DOES NOT INDICATE PRESENCE OF A SHADOWING HIGHER STRUCTURE WITHIN THIS 20FT. ENVELOPE, AND AS SUCH, SNOW SURCHARGES HAVE NOT BEEN CONSIDERED IN THE DESIGN. [2]

THIS PROJECT IS DESIGNED AS AN ENCLOSED BUILDING. ACCESSORIES (DOORS, WINDOWS, ETC.) BY OTHERS MUST BE DESIGNED AS "COMPONENTS AND CLADDING" IN ACCORDANCE TO SPECIFIC WIND PROVISIONS OF REFERENCED BUILDING CODE. [3]

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.
1. 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 AS INDICATED BELOW OR INDICATED AS PRE-TENSIONED ELSEWHERE IN THESE DRAWINGS WITH -PT DESIGNATION.
 2. PRE-TENSION BOLTS AT ANY CONNECTIONS NOTED WITH A490 HIGH STRENGTH BOLTS.
 3. 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.
 4. CONNECTIONS THAT SUPPORT RUNNING MACHINERY AND OTHER SOURCES OF IMPACT OR STRESS REVERSAL MUST BE PRE-TENSIONED.
 5. PRE-TENSION BOLTS AT ALL SLIP 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.
 6. CONNECTIONS OF SECONDARY MEMBERS (GIRTS, PURLINS, WIND 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.
 7. 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.

This item has been digitally signed and sealed by Ashokbhai A. Patel on the date adjacent to the seal. Printed copies of this documents are not considered signed and sealed and the signature must be verified on any electronic copies.

BUILDING DESCRIPTION:

BASIC SIZE:	WIDTH	LENGTH	HEIGHT	ROOF PITCH	ENDWALL FRAME TYPE	
					LEFT	RIGHT
BLDG A	50	175	12 / 12	1.0:12 / 1.0:12	Inset	Rigid
BLDG	?????	?????	?????	?????	?????	?????
BLDG	?????	?????	?????	?????	?????	?????
BLDG	?????	?????	?????	?????	?????	?????

SHEETING:				BLANKET TYPE INSULATION:					
BASE CONDITION:	GAGE	TYPE	COLOR	ROOF: TYPE	N/ATHICK	N/A	WALL: TYPE	N/A THICK	N/A
BASE ANGLE	26	Go	PR	Galvalume	ROOF		USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.		
	26	Go	PR	NEED COLOR	WALL				
	---	Go	---	---	BACKPNL				
	0	Go	NONE	---	LINER				
	0	Go	NONE	---	SOFFIT				
TAPE SEAL:	TRIM:	(1/8" POP RIVETS AT SPLICES)		MEMBER ROOF (# 12 x 1 1/4)		STITCH ROOF (# 14 x 7/8)			
3/4" [X]	---	Go	NEED COLOR	RAKE	MEMBER WALL (# 12 x 1 1/4)	STITCH WALL (# 14 x 7/8)			
1/2" []	---	Go	NEED COLOR	EAVE	RAKE TO ROOF:	STITCH	RAKE TO WALL:	STITCH	
	---	Go	NEED COLOR	GUTTER	GUTTER TO ROOF:	STITCH	GUTTER STRAPS:	STITCH	
	---	Go	NEED COLOR	DOWNS.	CORNER TRIM:	STITCH	RAKE ANGLE:	MEMBER	
	---	Go	NEED COLOR	CORNER	STEEL COLOR:	PRIMARY	TBD		
	---	Go	NEED COLOR	ACCESS.		SECONDARY	TBD		

KEY PLAN
BUILDING

ISSUE				
NO.	DATE	DESCRIPTION	BY	CK'D
A	11/17/25	FOR APPROVAL	TM	
B	12/5/25	FOR PERMIT ONLY	TM	

DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR CONSTRUCTION: THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION

ASHOKBHAJI A. PATEL
LICENSE No. 78653
STATE OF FLORIDA
PROFESSIONAL ENGINEER

12-08-2025
ENGINEER SEAL

APEC
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CUSTOMER: LMC STEEL
PROJECT: COLUMBIA COUNTY BRD. OF COMM.
LOCATION: LAKE CITY FL, 32055

JOB NUMBER: 25-08047
DESCRIPTION: DRAWING COVER SHEET

SCALE: NTS
DESIGN: AP
DRAWN BY: TM
DWG. NO.
CVR

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead	Wind Press	Wind Suct	Wind Long	Seis
Line	Line	Vert	Horz	Horz	Vert	Vert
F	4	0.1	-1.5	1.7	0.0	
F	2	0.1	-1.5	1.7	0.0	
J	2	0.1	-1.7	1.8	0.0	
J	4	0.1	-1.7	1.8	0.0	

ENDWALL COLUMN: MAXIMUM REACTIONS

Frm Line	Col Line	Column_Reactions(k)			V		
		Load Id	Hmax	Vmax			
F	4	6	1.0	0.1	7	-0.9	0.1
		8	1.0	0.1			
F	2	6	1.0	0.1	7	-0.9	0.1
		8	1.0	0.1			
J	2	6	1.1	0.1	7	-1.0	0.1
		8	1.1	0.1			
J	4	6	1.1	0.1	7	-1.0	0.1
		8	1.1	0.1			

ENDWALL COLUMN: MAXIMUM REACTIONS

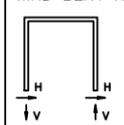
Frm Line	Col Line	Column_Reactions(k)			V		
		Load Id	Hmax	Vmax			
F	4	6	1.1	0.1	7	-0.9	0.1
		8	1.1	0.1			
F	2	6	1.1	0.1	7	-0.9	0.1
		8	1.1	0.1			
J	2	6	1.1	0.1	7	-1.0	0.1
		8	1.1	0.1			
J	4	6	1.1	0.1	7	-1.0	0.1
		8	1.1	0.1			

BUILDING BRACING REACTIONS

Loc	Line	Reactions in plane of wall				Note
		Wind	Seismic	Wind	Seis	
L_EW	F					(h)
R_SW	J	D,E				(o)
B_SW	J	D,E				(o)

(o) 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	Line	Col Line	Reactions		Seismic(k)
			Wind(k)	Vert	
F_SW	1	D	1.5	1.4	0.8
F_SW	1	E	1.5	1.4	0.8
B_SW	5	F	1.5	1.4	0.8
B_SW	5	D	1.5	1.4	0.8

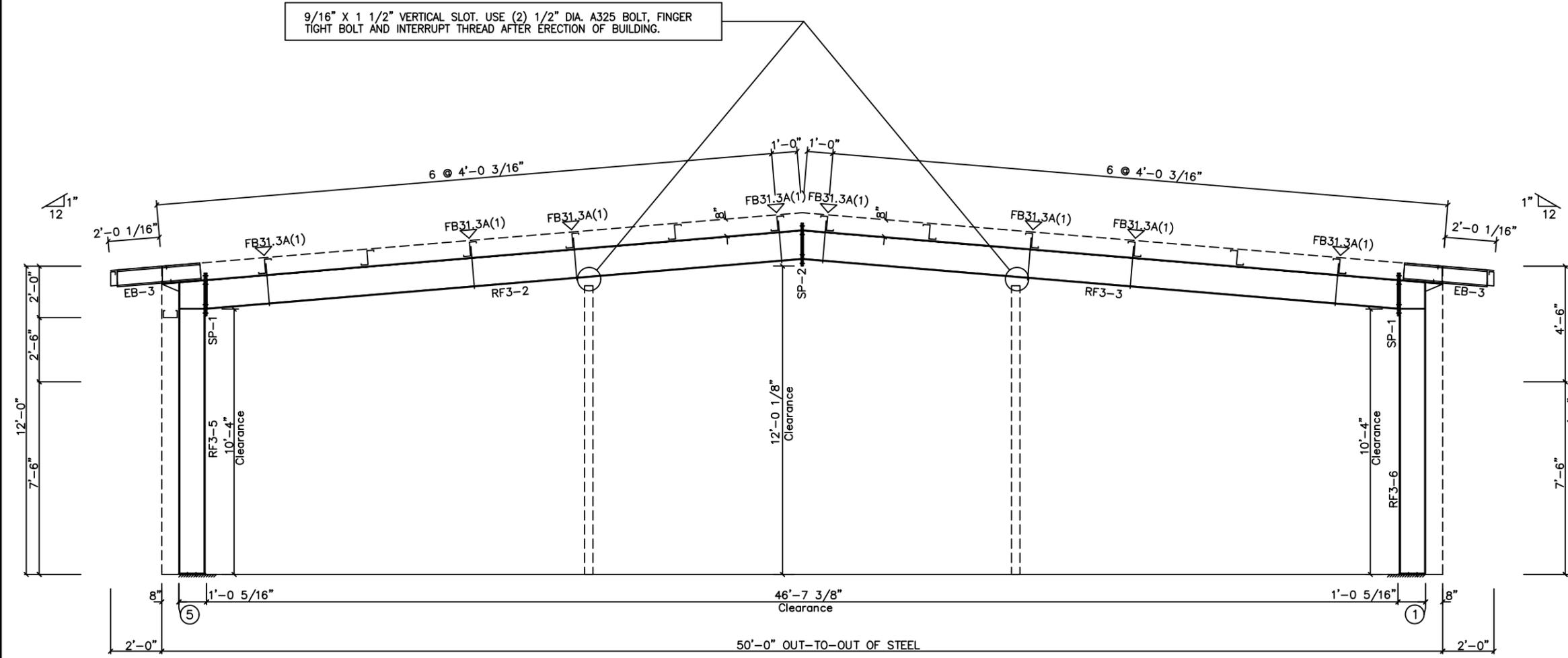
RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead		Collateral		Live		Snow		Wind_Left1		Wind_Right1	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
A	1	1.0	1.9	0.7	1.3	-2.7	5.3	0.8	1.4	-3.8	-5.2	-3.4	-7.9
		-1.0	1.9	-0.7	1.3	-2.7	5.3	-0.8	1.4	3.4	-7.9	3.8	-5.2
A	5	-3.5	-7.2	-3.7	-5.8	-5.1	-8.5	2.2	3.6	-0.1	0.1	0.1	0.1
		-1.4	2.9	-1.1	2.0	-4.1	8.5	-1.2	2.3	5.2	-12.6	5.9	-8.3
B*	1	-0.9	1.7	0.6	1.3	-0.6	1.3						
		1.4	2.9	1.1	2.0	4.1	8.5	1.2	2.3	-5.9	-8.3	-5.2	-12.6
B*	5	-5.3	-11.7	-5.8	-9.4	-4.9	-8.6	2.6	4.5	-0.2	-0.1	0.2	0.1
		1.4	2.9	-1.1	2.0	-4.1	8.5	-1.2	2.3	5.2	-12.6	5.9	-8.3
B*	1	-1.4	2.7	-0.9	1.2	-0.9	1.2						
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.7	-10.8	7.7	-10.8
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.5	-10.3	7.7	-10.8
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.7	-10.8	7.7	-10.8
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8	-5.4	-8.0	-3.7	-8.8	3.7	-8.8	-0.2	0.1	0.2	-0.1
		1.4	2.7	0.9	1.2	0.9	1.2						
B*	1	-1.4	2.7	-1.1	2.0	-4.2	8.5	-1.2	2.3	2.4	-8.2	7.5	-12.7
		1.4	2.7	1.1	2.0	4.2	8.5	1.2	2.3	-7.5	-12.7	7.5	-12.7
B*	5	-5.1	-7.8										

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"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF3-1	W12X22	11'-4 5/8"
RF3-2	W14X22	23'-4 1/2"
RF3-3	W14X22	23'-4 1/2"
RF3-4	W12X22	11'-4 5/8"
EB-3	W8X10	3'-3 1/2"

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



BUILDING CROSS SECTION: FRAME LINE A

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

NO.	DATE	DESCRIPTION	BY		CHKD	
			TM	TM	TM	TM
A	11/17/25	FOR APPROVAL				
B	12/25/25	FOR PERMIT ONLY				

DRAWING STATUS

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

FOR PERMIT: BEING FOR PERMIT. THESE DRAWINGS ARE FINAL AND WILL BE USED FOR PERMITTING PURPOSES. THEY ARE NOT TO BE USED FOR CONSTRUCTION. ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.

ISSUED FOR FIELD USE FOR BUILDING ERECTION

ASBESTOS ABANDONED
 LICENSE NO. 7988
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 12-08-2025
 ENGINEER SEAL

CAPECA
 AllSouth Pro-Engineered Components, Inc.
 985 Technology Drive
 Dothan, AL 36803
 (334) 689-8304
 (334) 689-8395 FAX
 www.buildwithapecc.com

CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: RIGID FRAME ELEVATION

SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM
 DWG. NO.
E-1.0

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

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF2-1	W12X26	11'-4 5/8"
RF2-2	W16X26	23'-4 5/8"
EB-3	WBX10	3'-3 7/16"

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

ISSUE	
NO.	DATE
A	11/17/25
B	12/5/25

DRAWING STATUS

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FOR PERMIT: THESE DRAWINGS BEING FOR PERMIT USE BY DEFINITION ARE NOT FINAL. ONLY DRAWINGS ISSUED FOR CONSTRUCTION THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING ERECTION.

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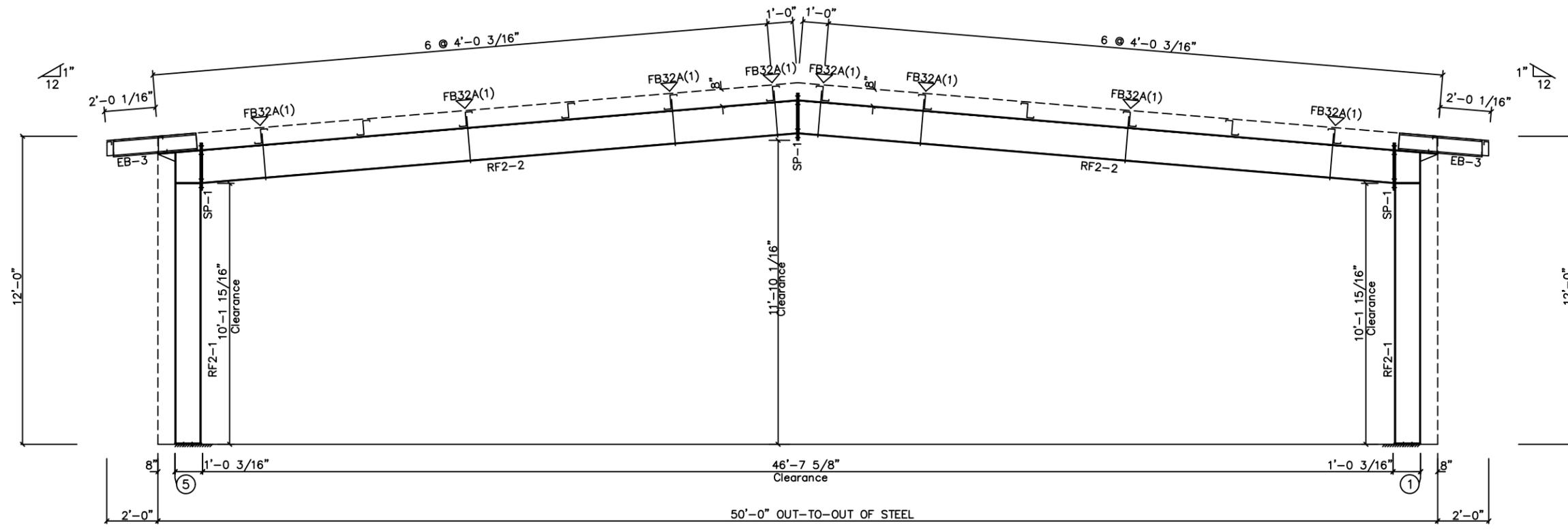


AlSouth Pre-Engineered Components, LLC
 986 Technology Drive
 Dothan, AL 36508
 (334) 699-8394
 (334) 699-8395 FAX
 www.buildwithapec.com

CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: RIGID FRAME ELEVATION

SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM

DWG. NO.
E-1.1

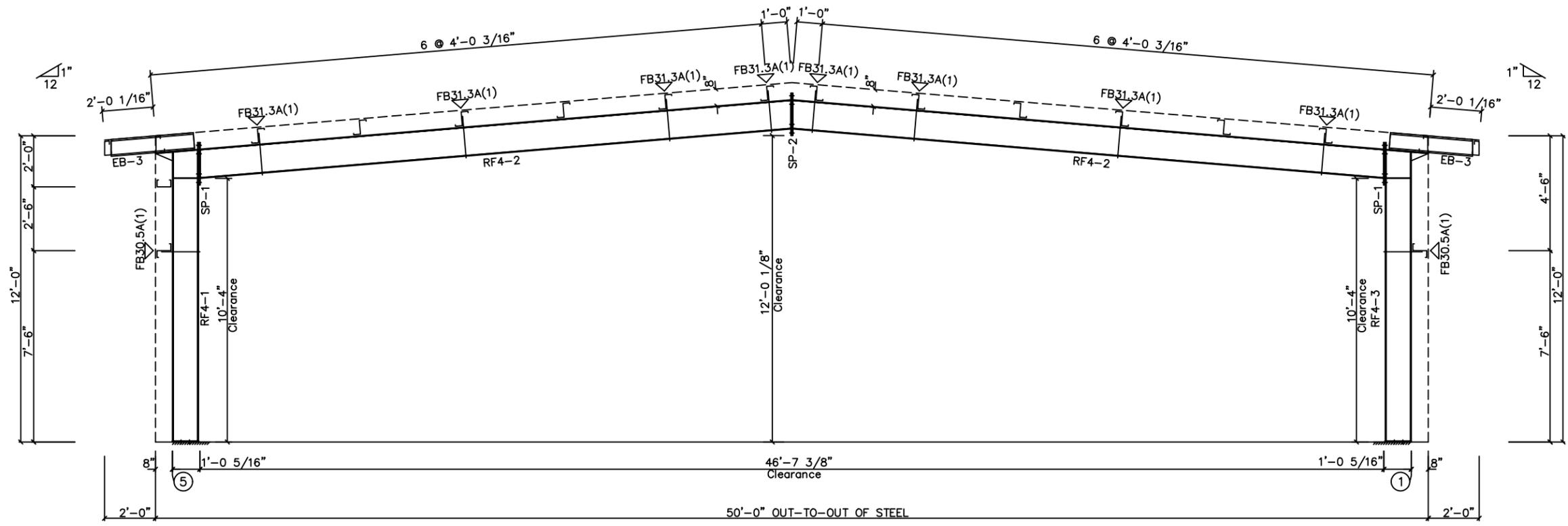


BUILDING CROSS SECTION: FRAME LINE B C D E

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

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF4-1	W12X22	11'-4 5/8"
RF4-2	W14X22	23'-4 1/2"
RF4-3	W12X22	11'-4 5/8"
EB-3	W8X10	3'-3 1/2"

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



BUILDING CROSS SECTION: FRAME LINE G

ISSUE		DATE	DESCRIPTION
A	FOR APPROVAL	11/17/25	
B	FOR PERMIT ONLY	12/5/25	

DRAWING STATUS

FOR APPROVALS BEING FOR APPROVAL ARE BY THE ARCHITECT AND FOR CONSTRUCTION ARE BY THE ARCHITECT AND ENGINEER. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS THEY ARE IDENTIFIED AS SUCH. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS THEY ARE IDENTIFIED AS SUCH. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS THEY ARE IDENTIFIED AS SUCH.



APPEAL
 South Pre-Engineered Components, Inc.
 905 Technology Drive
 Dothan, AL 36903
 (384) 699-8394
 (384) 699-8395 FAX
 www.buildwithape.com

CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. DF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: RIGID FRAME ELEVATION

SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM

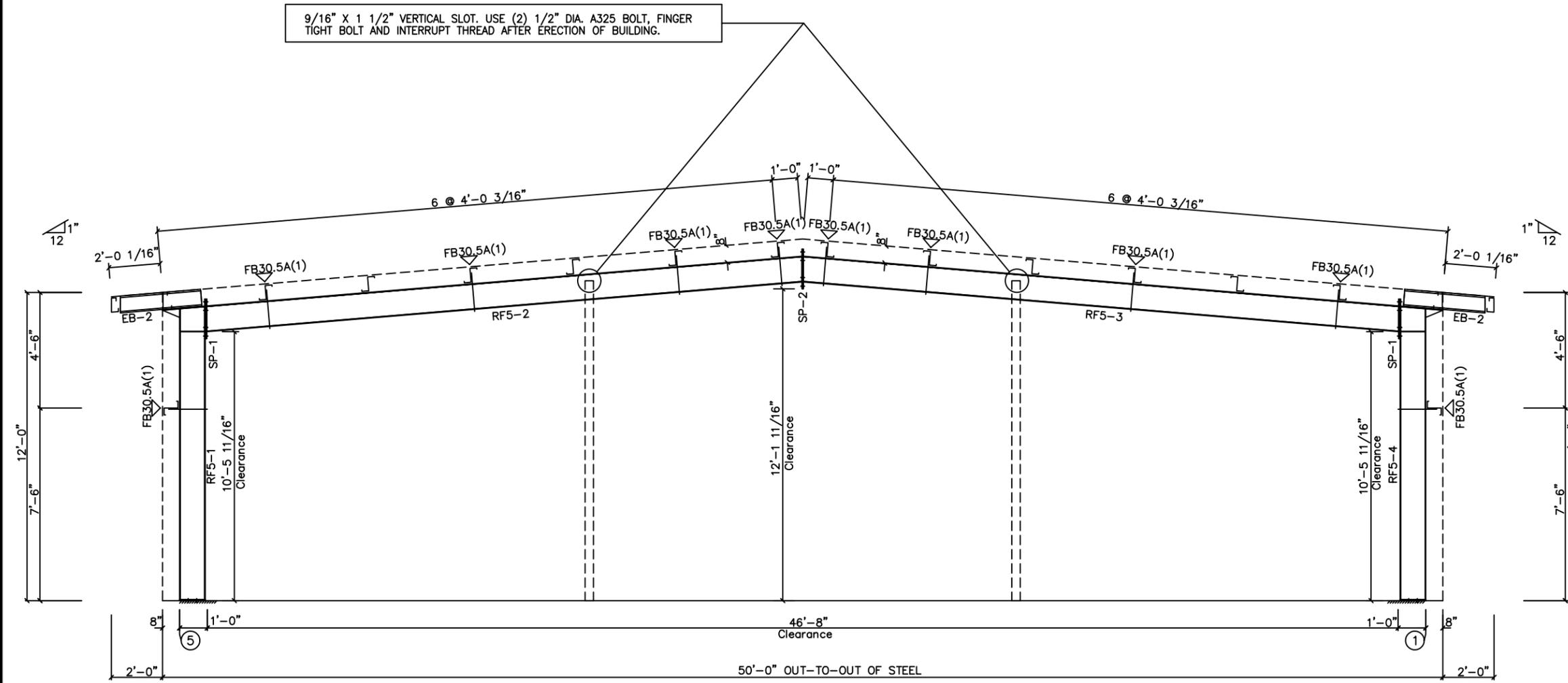
DWG. NO.
E-1.3

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

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF5-1	W12X16	11'-4 5/8"
RF5-2	W12X16	23'-4 3/4"
RF5-3	W12X16	23'-4 3/4"
RF5-4	W12X16	11'-4 5/8"
EB-2	W8X10	3'-2 3/8"

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

9/16" x 1 1/2" VERTICAL SLOT. USE (2) 1/2" DIA. A325 BOLT, FINGER TIGHT BOLT AND INTERRUPT THREAD AFTER ERECTION OF BUILDING.



BUILDING CROSS SECTION: FRAME LINE J

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

ISSUE	
NO.	DATE
A	11/17/25
B	12/25/25

DRAWING STATUS

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ENGINEER SEAL

12-08-2025

CAPEE

AllSouth Pre-Engineered Components, LLC.

985 Technology Drive
 Dothan, AL 36508

(834) 699-8394
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www.builtwithapee.com

CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: RIGID FRAME ELEVATION

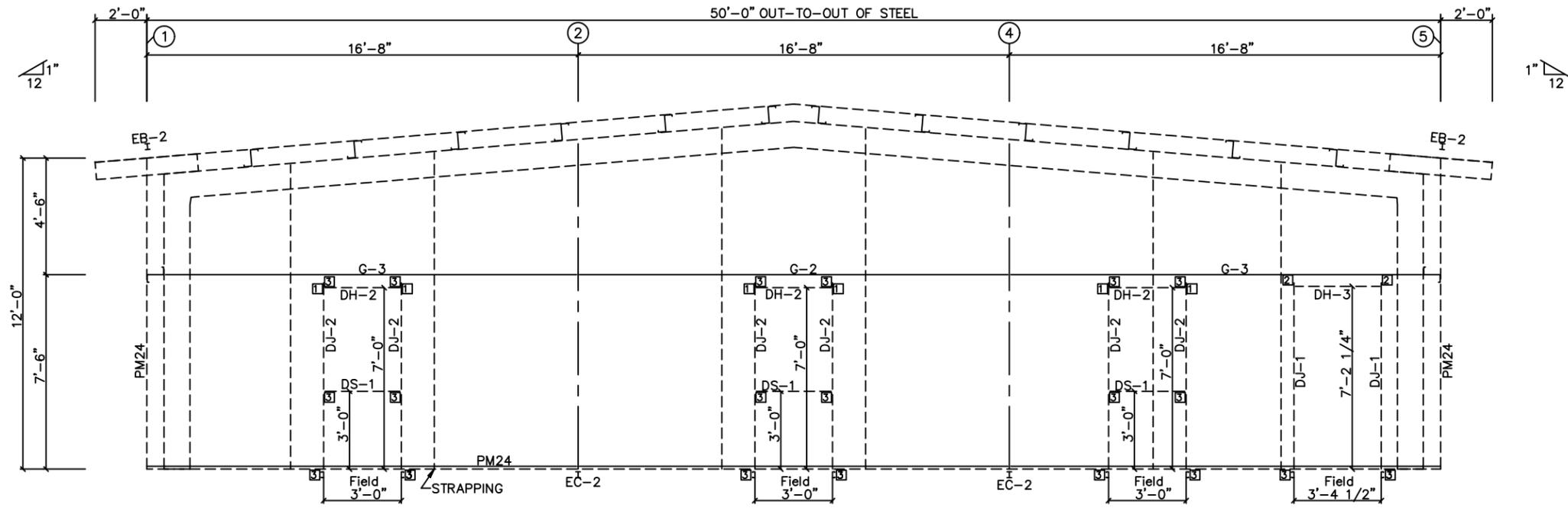
SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM

DWG. NO.
E-1.4

BOLT TABLE			
FRAME LINE J			
LOCATION	QUAN	TYPE	DIA
Columns/Raf	2	A325	5/8"
			1 3/4"

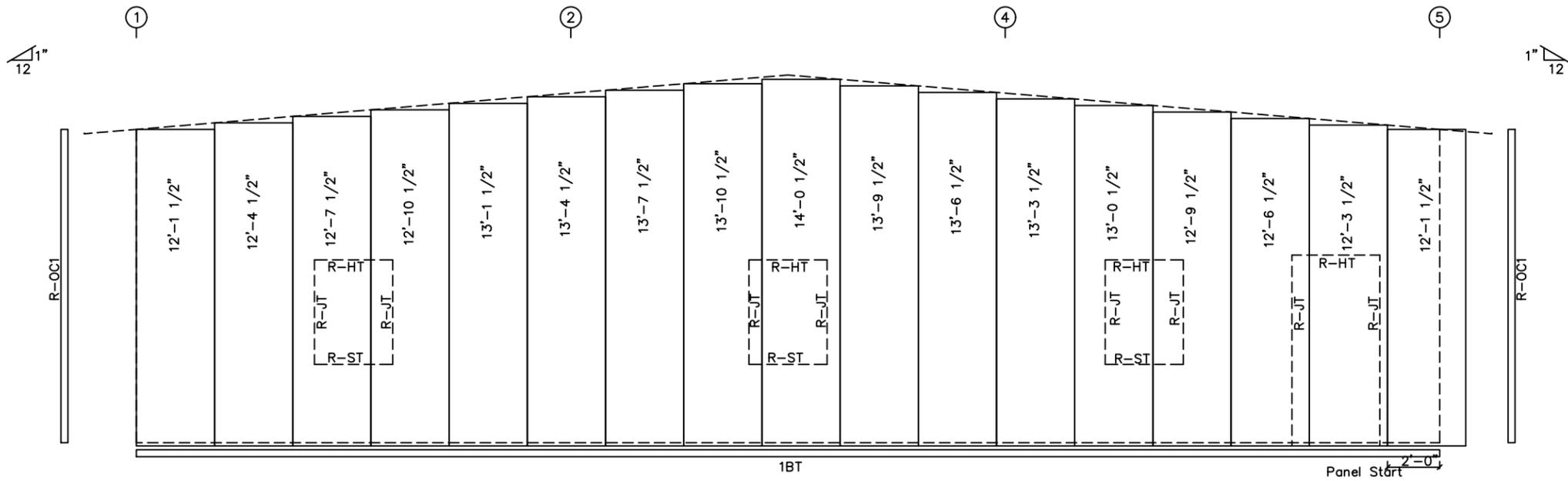
MEMBER TABLE		
FRAME LINE J		
MARK	PART	LENGTH
EB-2	WBX10	3'-2 3/8"
EC-2	WBX10	12'-6 5/8"
DJ-1	8X25C16	7'-2 1/4"
DJ-2	8X25C16	7'-2 1/4"
DH-2	8X25C16	3'-0"
DH-3	8X25C16	3'-4 1/2"
DS-1	8X25C16	3'-0"
G-2	8X25Z16	15'-11 1/2"
G-3	8X25Z16	15'-7 1/2"

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



RIGHT ENDWALL FRAMING: FRAME LINE J

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



RIGHT ENDWALL SHEETING & TRIM: FRAME LINE J

PANELS: 26 Ga. PBR - NEED COLOR

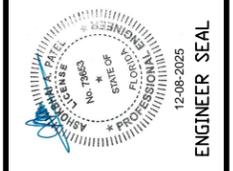
ISSUE	
NO.	DATE
A	11/17/25
B	12/25/25

DRAWING STATUS

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



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 (334) 699-6394
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 www.builtwithapec.com

CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: ENDWALL FRAMING

SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM

DWG. NO.
E-4.1

BOLT TABLE			
FRAME LINE F			
LOCATION	QUAN	TYPE	DIA
Columns/Raf	2	A325	5/8"
			1 3/4"

MEMBER TABLE		
FRAME LINE F		
MARK	PART	LENGTH
EB-2	W8X10	3'-2 3/8"
EC-1	W8X10	11'-5 7/8"
DJ-1	8X25C16	10'-11 3/4"
DH-1	8X25C16	10'-0"
G-1	8X25Z16	14'-7 3/16"
G-2	8X25Z16	15'-11 1/2"
G-9	8X25Z16	2'-7 1/2"

CONNECTION PLATES	
FRAME LINE F	
ID	MARK/PART
1	GC1
3	JC1

ISSUE			
NO.	DATE	DESCRIPTION	BY
A	11/17/25	FOR APPROVAL	TM
B	12/15/25	FOR PERMIT ONLY	TM

DRAWING STATUS

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FOR APPROVAL

FOR PERMIT

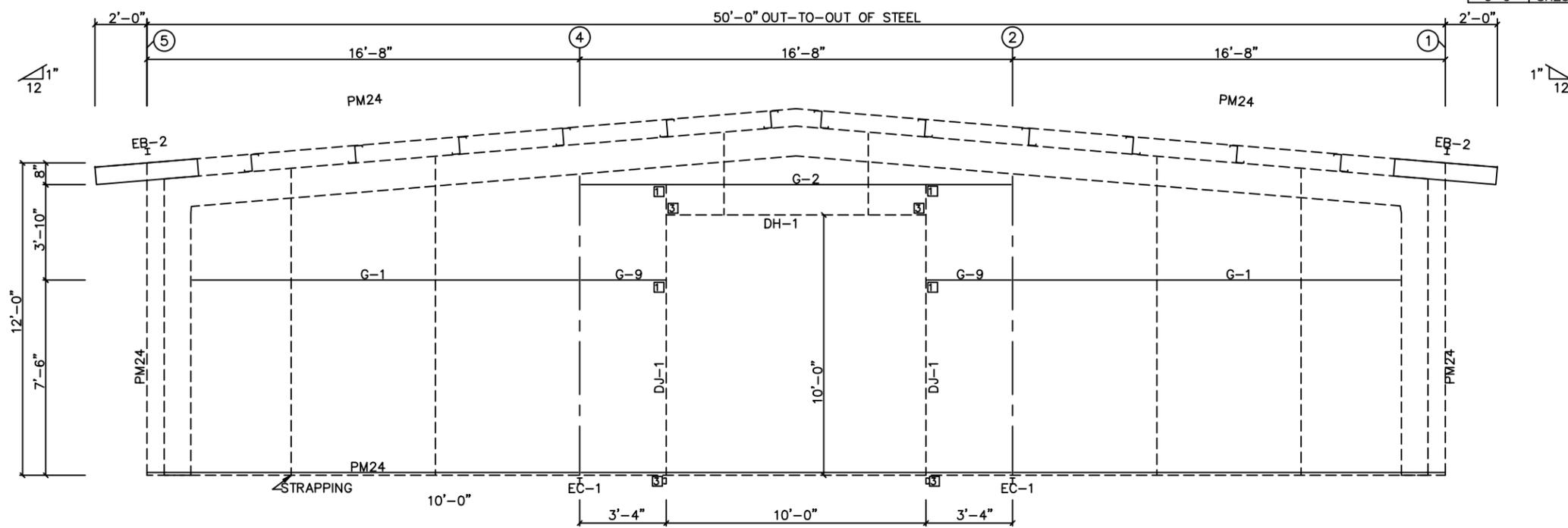
FOR CONSTRUCTION

ENGINEER SEAL

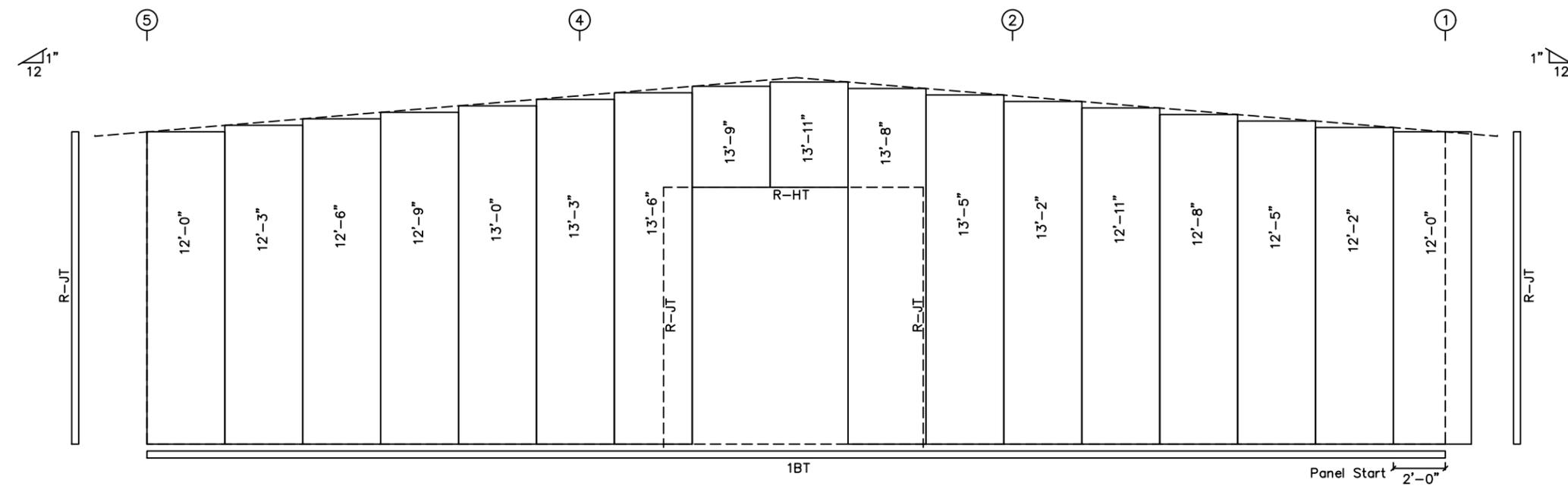
12-08-2025

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 985 Technology Drive
 Dothan, AL 36503
 (334) 699-8394
 (334) 699-8395 FAX
 www.bullwithapecc.com

CUSTOMER: LMC STEEL	SCALE: NTS
PROJECT: COLUMBIA COUNTY BRD. OF COMM.	DESIGN: AP
LOCATION: LAKE CITY FL, 32055	DRAWN BY: TM
JOB NUMBER: 25-08047	DWG. NO.
DESCRIPTION: ENDWALL FRAMING	E-4.2



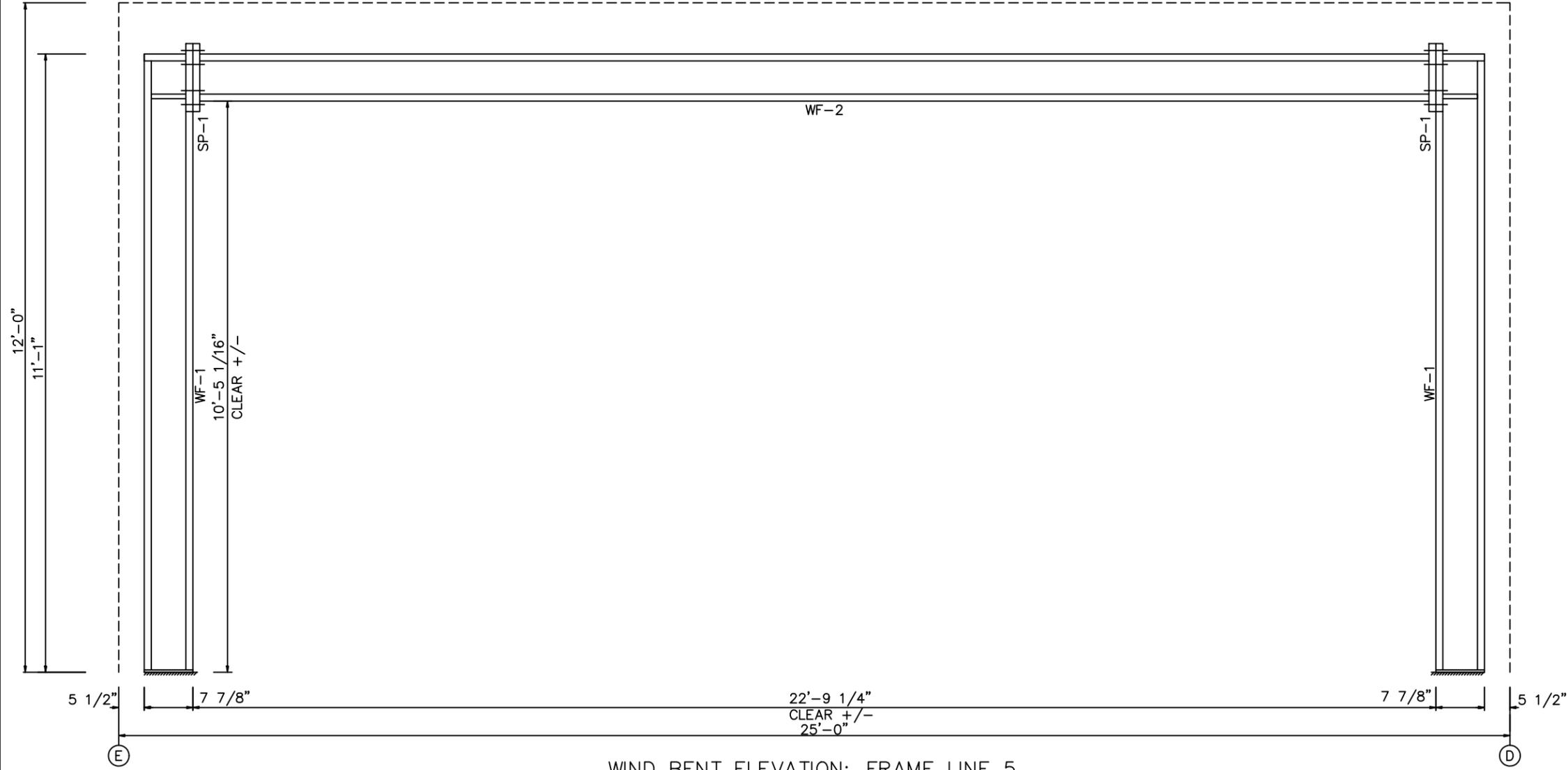
LEFT ENDWALL FRAMING: FRAME LINE A



LEFT ENDWALL SHEETING & TRIM: FRAME LINE A
 PANELS: 26 Ga. PBR - NEED COLOR

SPLICE BOLTS					
Splice Mark	Quan	Top/Bot	Type	Dia	Length
SP-1	4	4	A325	0.750	2.25

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-2	W8X24	22'-8 5/8"
WF-1	W8X10	11'-1"



WIND BENT ELEVATION: FRAME LINE 5

ISSUE	
NO.	DATE
A	11/17/25
B	12/25/25

DRAWING STATUS

THESE DRAWINGS, BEING FOR APPROVAL, ARE BY THE DESIGNER, ENGINEER, ARCHITECT, OR OTHER PROFESSIONAL PERSON, AND ARE FOR THE USE OF THE CLIENT ONLY. THEY ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER, ENGINEER, ARCHITECT, OR OTHER PROFESSIONAL PERSON.

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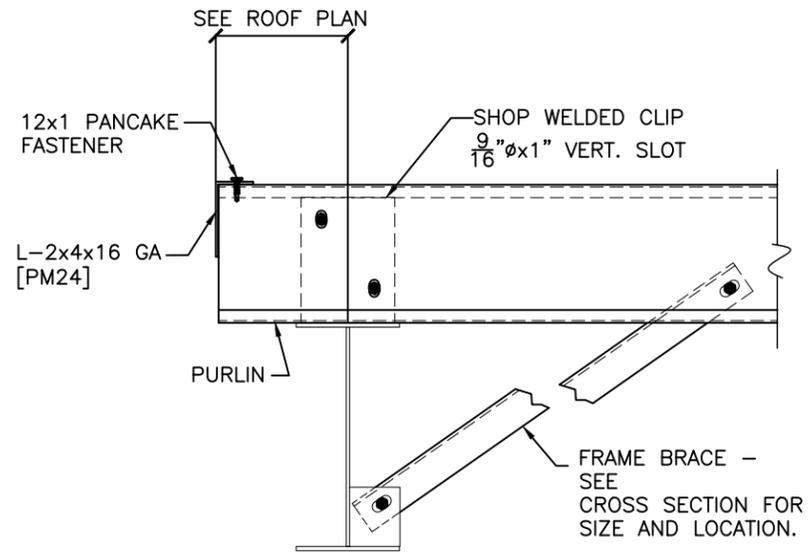


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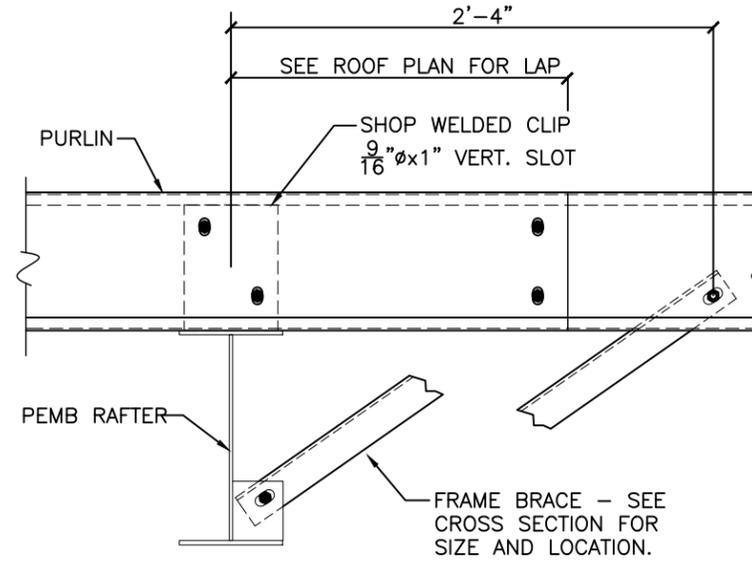
CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: WIND BENT ELEVATION

SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM

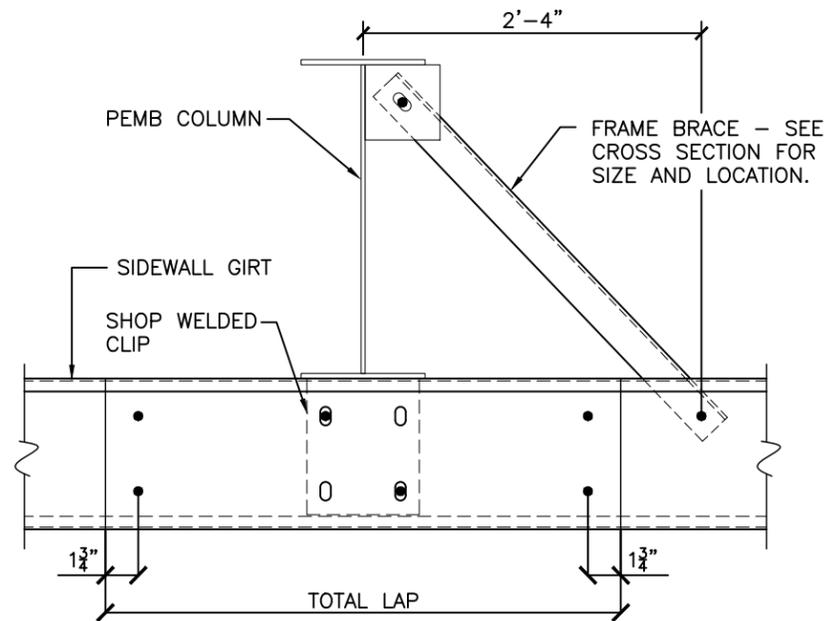
DWG. NO.
E-5.1



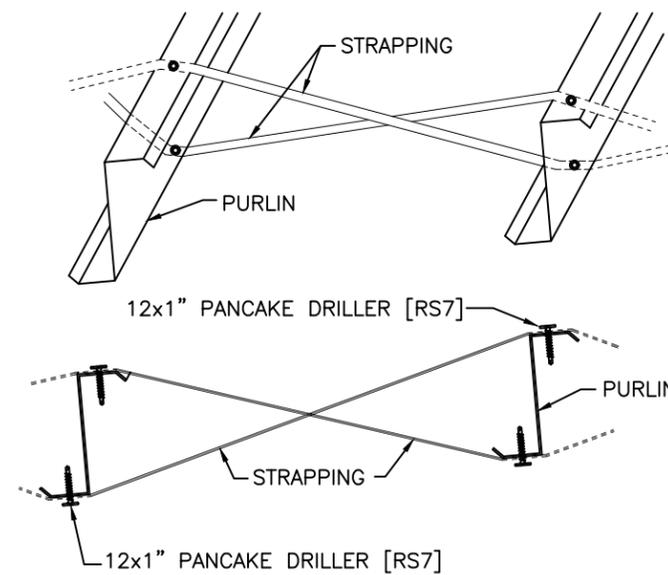
PURLIN TO RAFTER @ ENDWALL



PURLIN TO RAFTER @ INTERIOR



TYPICAL SIDEWALL GIRT CONNECTION



TYPICAL ROOF STRAPPING DETAIL

ISSUE		NO.	DATE	DESCRIPTION	BY	CHK'D
A	FOR APPROVAL	1	11/18/2025		TM	
B	FOR PERMIT ONLY	2	12/5/2025		TM	

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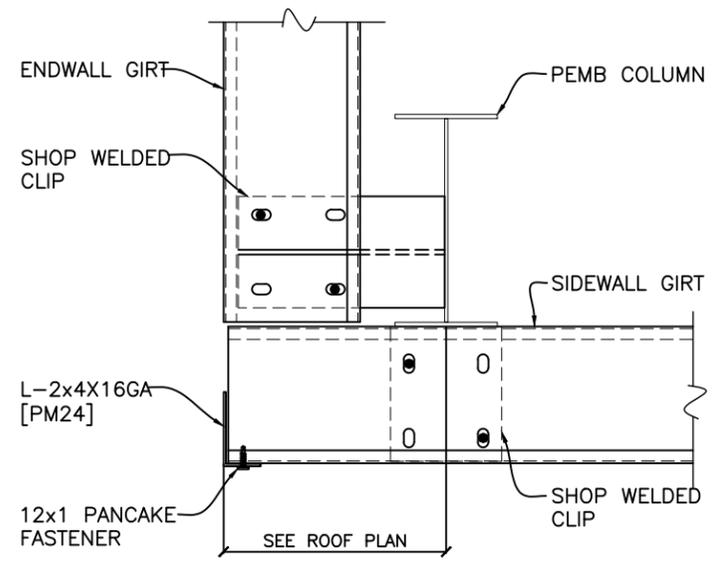
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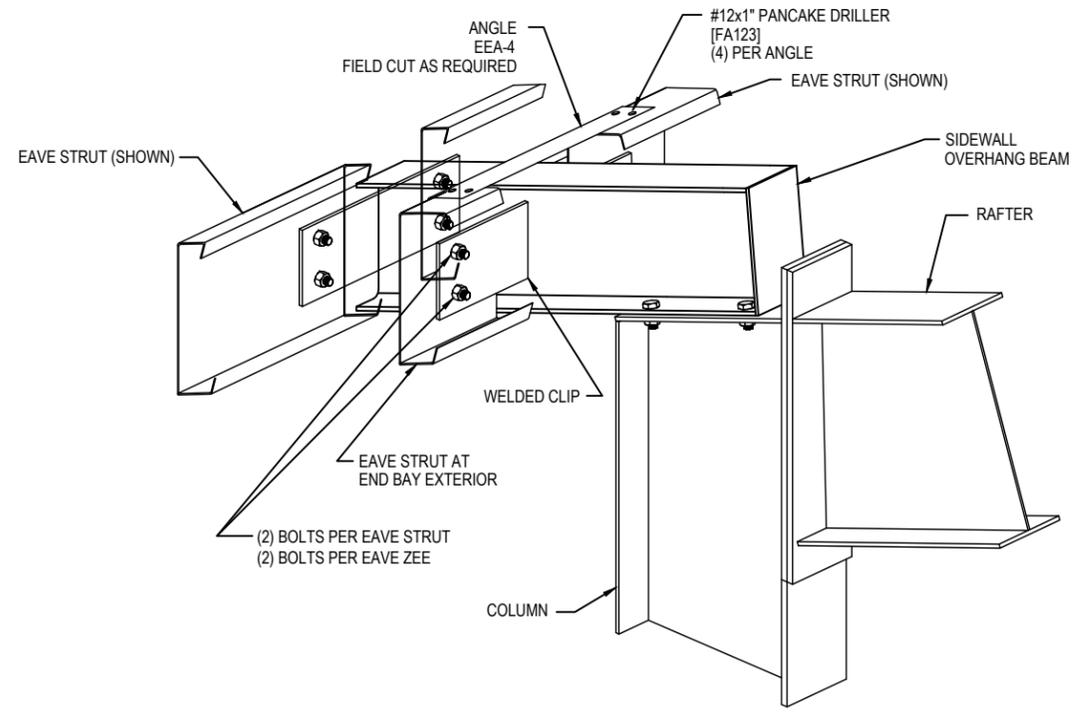
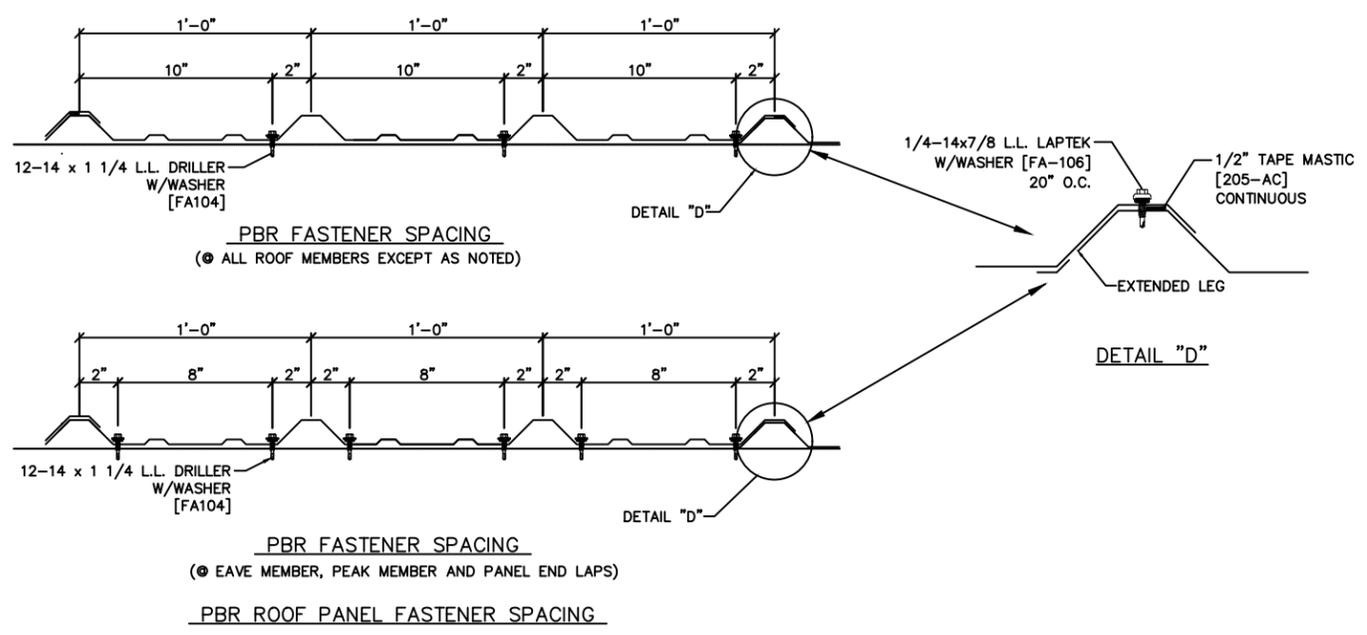
APPEA
 AllSouth Pro-Engineered Components, Inc.
 986 Technology Drive
 Dothan, AL 36903
 (334) 699-8394
 (334) 699-8396 FAX
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CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: SECTIONS AND DETAILS

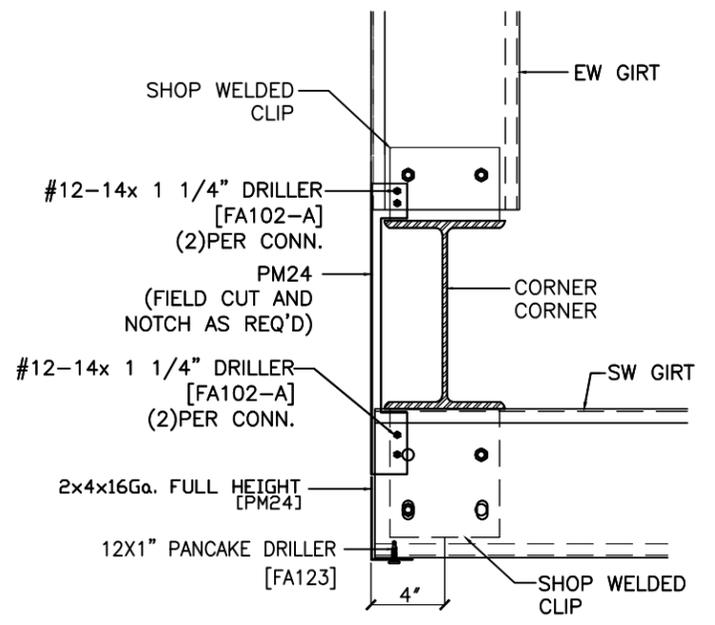
SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM
 DWG. NO.
D1



TYPICAL CORNER GIRT CONNECTION



FRAMING DETAIL AT STRAIGHT COLUMN
(LOW SIDE SHOWN EAVE OVERHANG)



4" ENDWALL SETBACK w/ BYPASS
SIDEWALL GIRTS
AT GRID LINE F FRAME LINE 1

ISSUE	
NO.	DESCRIPTION
A	11/18/25 FOR APPROVAL
B	12/25/2025 FOR PERMIT ONLY

DRAWING STATUS

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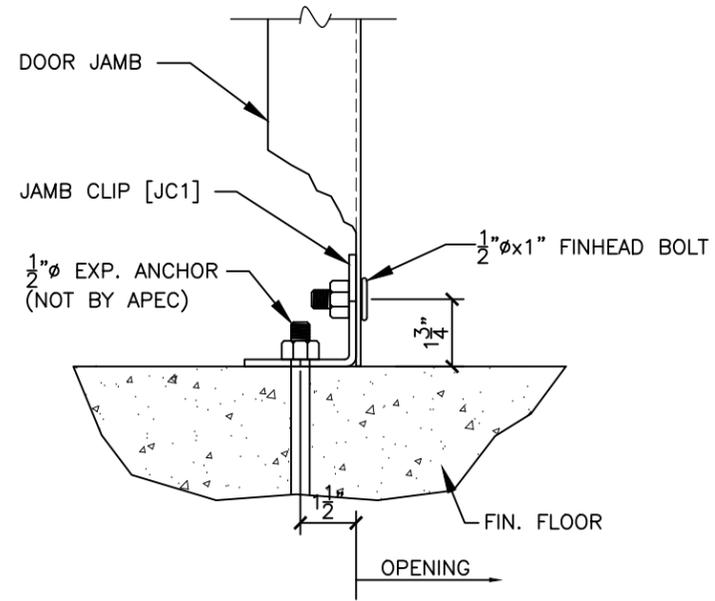
FOR PERMIT: FOR APPROVAL: FOR CONSTRUCTION: FOR FIELD USE:



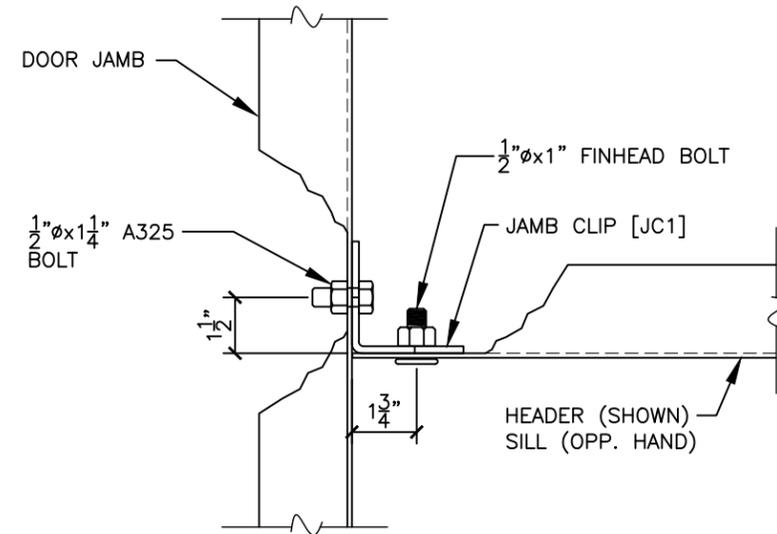
CAPEE
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885 Technology Drive
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www.builtwithapee.com

CUSTOMER: LMC STEEL
PROJECT: COLUMBIA COUNTY BRD. OF COMM.
LOCATION: LAKE CITY FL, 32055
JOB NUMBER: 25-08047
DESCRIPTION: SECTIONS AND DETAILS

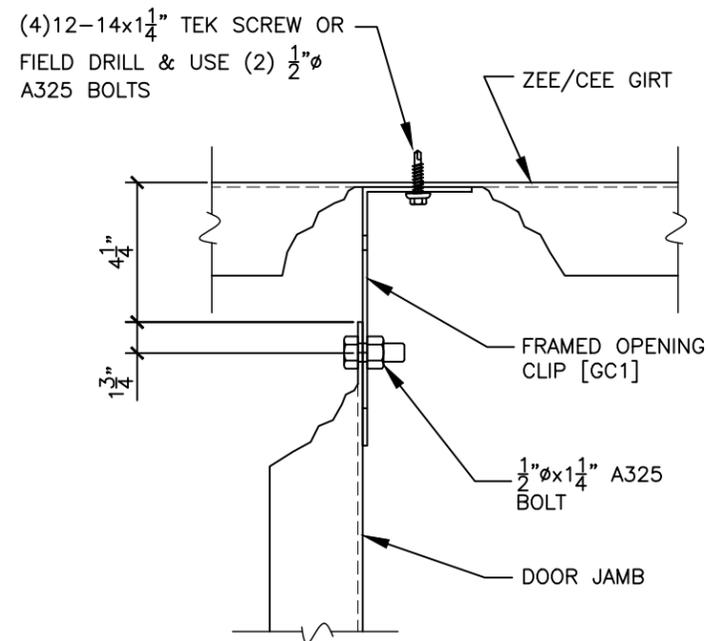
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DESIGN: AP
DRAWN BY: TM
DWG. NO. **D2**



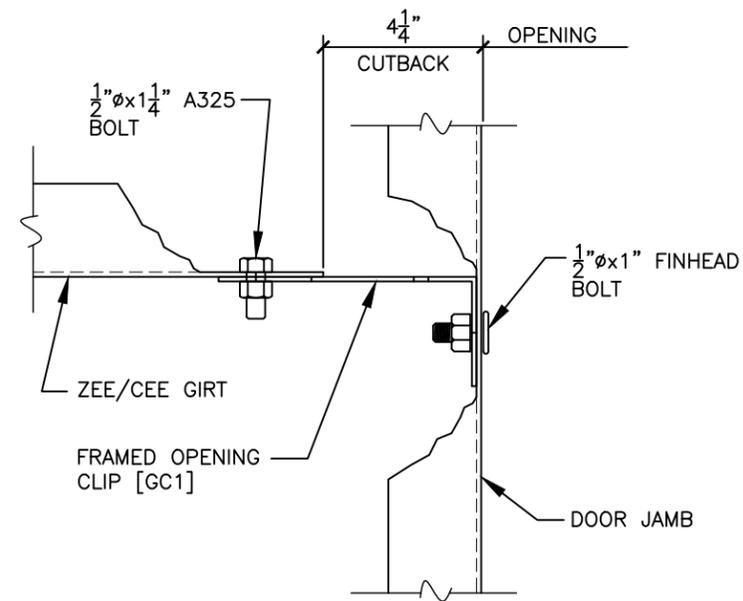
DOOR JAMB TO CONCRETE CONNECTION



HEADER/SILL TO JAMB CONNECTION



JAMB TO GIRT CONNECTION (TOP)



GIRT TO JAMB CONNECTION

NO.	DATE	DESCRIPTION	BY	CHKD
A	11/19/25	FOR APPROVAL	TM	
B	12/2/2025	FOR PERMIT ONLY	TM	

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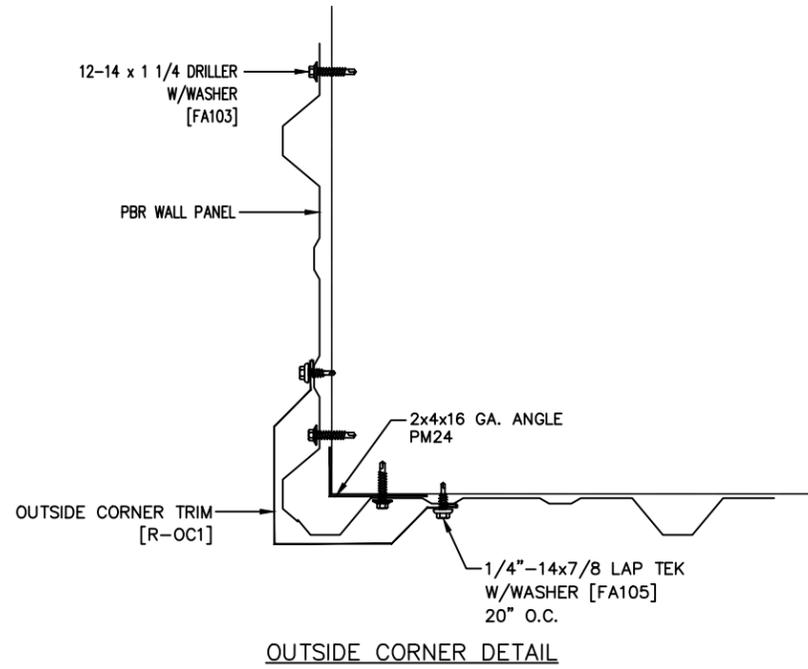
ENGINEER SEAL

ALPECA
 AllSouth Pro-Builders Consultants, LLC
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 (854) 699-6886 FAX
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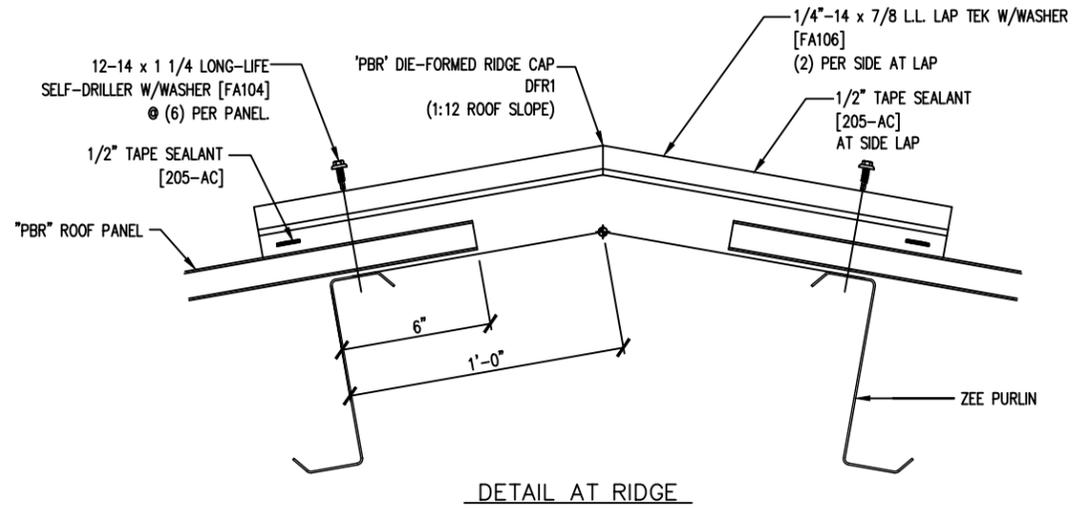
CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: SECTIONS AND DETAILS

SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM

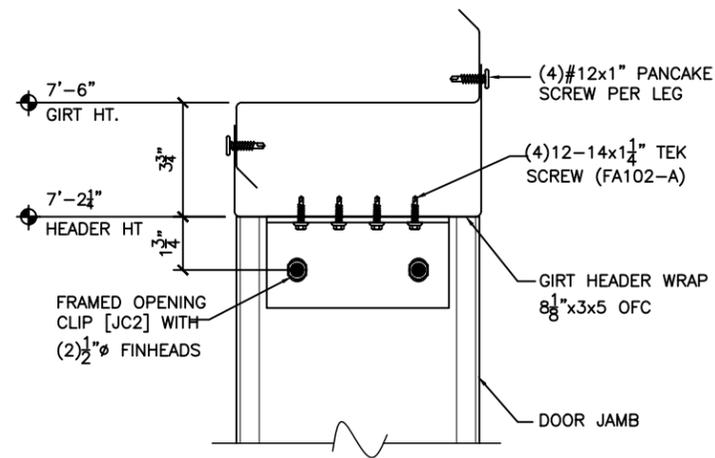
DWG. NO.
D3



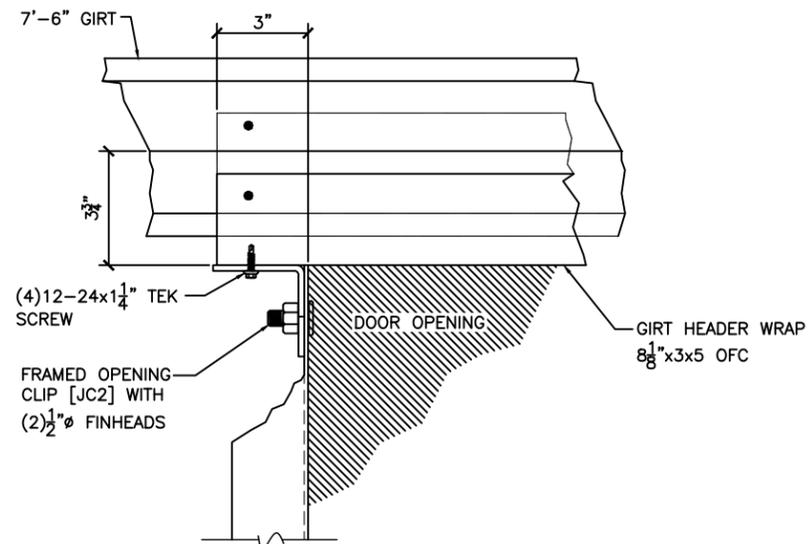
OUTSIDE CORNER DETAIL



DETAIL AT RIDGE



WALKDOOR JAMB AND HEADER DETAIL



WALKDOOR JAMB AND HEADER DETAIL

NO.	DATE	DESCRIPTION	BY	CHK'D
A	11/18/25	FOR APPROVAL	TM	
B	12/2/2025	FOR PERMIT ONLY	TM	

DRAWING STATUS

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FOR APPROVAL

FOR PERMIT

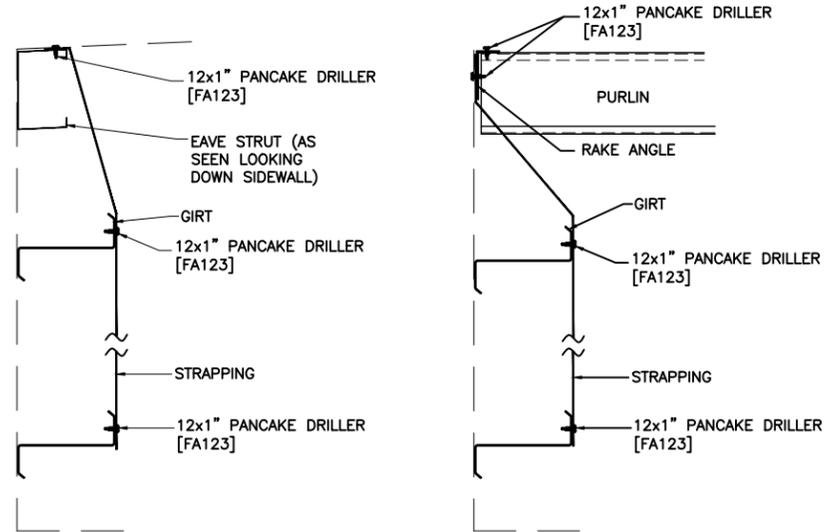
FOR CONSTRUCTION



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 Capeh Engineering Components, LLC
 685 Technology Drive
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 (334) 699-8805 FAX
 www.builtwithapec.com

CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: SECTIONS AND DETAILS

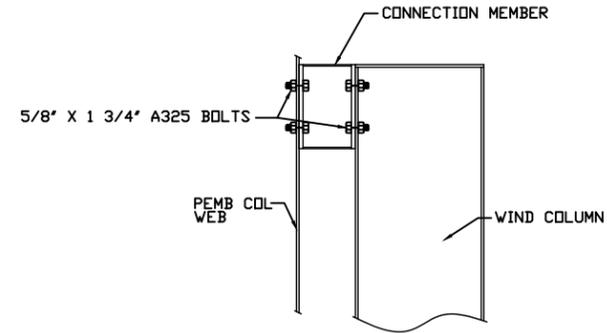
SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM
 DWG. NO. **D4**



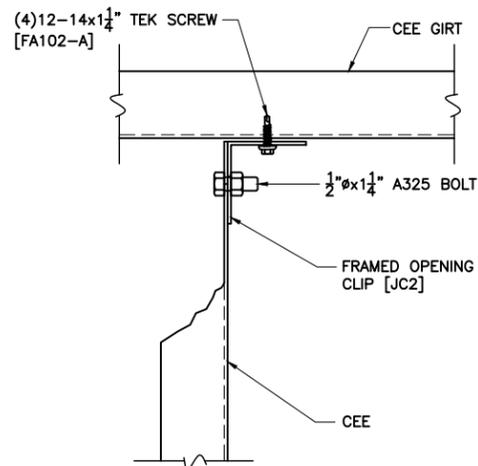
SECTION @ SIDEWALL

SECTION @ ENDWALL

TYPICAL WALL STRAPPING DETAIL



WIND BENT OR WIND COLUMN CONNECTION



JAMB TO CEE GIRTS CONNECTION (TOP)

ISSUE		NO.	DATE	DESCRIPTION	BY	CHK'D
	FOR APPROVAL	A	11/18/25		TM	
	FOR PERMIT ONLY	B	12/5/2025		TM	

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CUSTOMER: LMC STEEL
 PROJECT: COLUMBIA COUNTY BRD. OF COMM.
 LOCATION: LAKE CITY FL, 32055
 JOB NUMBER: 25-08047
 DESCRIPTION: SECTIONS AND DETAILS

SCALE: NTS
 DESIGN: AP
 DRAWN BY: TM

DWG. NO.
D8