

BUILDING PROFILE

Width (ft) = 80 Eave Height (ft) = 12
Length (ft) = 60 Roof Slope (Rise/12) = 1.0:12

BUILDING LOADS

- A) THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY FBC 23 / (8TH EDITION)
- 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 END USER AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT.

OCCUPANCY/RISK CATEGORY II - Normal Ia 1.0000 Ie 1.00
WIND LOAD ULTIMATE 120 MPH NOMINAL 92.95 MPH WIND EXPOSURE B
CLOSURE TYPE Enclosed INTERNAL WIND COEF. -0.18 / 0.18
GROUND SNOW LOAD 0.00 PSF ROOF SNOW LOAD 0.00 PSF Ce 1.0000 Ct 1.2000
SNOW BANKING LOADS PER CODE
COLLATERAL DEAD LOAD 0.50 PSF
ROOF LIVE LOAD 20.00 PSF (REDUCIBLE Yes)
DEAD LOAD 2.00 PSF (FOR ROOF PANELS AND PURLINS)

SEISMIC
SPECTRAL RESPONSE Sa 0.1200 S1 0.0610 Sds 0.1067 Sd1 0.0867
SITE CLASS D DESIGN RISK CATEGORY B Cs 0.0356

RESPONSE MODIFICATION FACTOR, R 3.000* FRAMES 3.000* BRACING

BASIC SEISMIC FORCE RESISTING SYSTEM (LATERAL DIRECTIONS) = ORDINARY STEEL MOMENT FRAMES

BASIC SEISMIC FORCE RESISTING SYSTEM (ENDWALLS) = ORDINARY STEEL CONCENTRICALLY BRACED FRAMES

BASIC SEISMIC FORCE RESISTING SYSTEM (LONGITUDINAL DIRECTIONS) = ORDINARY STEEL CONC. BRACED FRAMES

ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE

SERVICEABILITY CRITERIA



STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.

MINIMUM DESIGN DEFLECTIONS			
Endwall Column	= 180	Roof Panel (Live)	= 60
Endwall Rafter (Live)	= 180	Roof Panel (Wind)	= 60
Endwall Rafter (Wind)	= 180	Rigid Frame (Horz)	= 60
Wall Girt	= 90	Rigid Frame (Vert)	= 180
Roof Purlin (Live)	= 150	Rigid Frame (Seismic)	= 50
Roof Purlin (Wind)	= 150		
Wall Panel	= 60		

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.
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION: " AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN" AS ADOPTED BY THE BUILDING CODE REFERENCED IN "BUILDING LOADS" SECTION "A" ABOVE.
 - AMERICAN IRON AND STEEL INSTITUTE: "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" AS ADOPTED BY THE BUILDING CODE REFERENCED IN "BUILDING LOADS" SECTION "A" ABOVE.
 - AMERICAN WELDING SOCIETY: "STRUCTURAL WELDING CODE" AWS D1.1. AS ADOPTED BY THE BUILDING CODE REFERENCED IN "BUILDING LOADS" SECTION "A" ABOVE.
 - METAL BUILDING MANUFACTURER'S ASSOCIATION: "LOW RISE BUILDING SYSTEMS MANUAW" AS ADOPTED BY THE BUILDING CODE REFERENCED IN "BUILDING LOADS" SECTION "A" ABOVE.
- 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 AND WEB MATERIAL CONFORMS TO ASTM-A529 OR A572 GRADE 55 WITH A MINIMUM YIELD POINT OF 55,000 psi.
- 2) MATERIAL PROPERTIES OF HSS ROUND SECTIONS CONFORM TO ASTM-A500, GRADE B OR C WITH A MINIMUM YIELD POINT OF 42,000 psi.
- 3) MATERIAL PROPERTIES OF HSS RECT. OR SQUARE SECTIONS CONFORM TO ASTM-A500, GRADE B OR C WITH A MINIMUM YIELD POINT OF 46,000 psi.
- 4) MATERIAL PROPERTIES OF HOT ROLLED CHANNEL AND ANGLE MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A992 WITHMINIMUM YIELD POINT OF 50,000 PSI, HOT ROLLED W-SHAPED MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A992WITH MINIMUM YIELD POINT OF 50,000 PSI.
- 5) MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO EITHER ASTM A653-06 GR 55 OR A1011-04 HSLAS GRADE 55 WITH YIELD OF 55,000 psi.
- 6) MATERIAL PROPERTIES OF ROOF/WALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES 80 CLASS 1, 2 OR 3 WITH A MINIMUM YIELD STRENGTH OF 80,000 PSI. COATING OF BASE MATERIAL IS 55% ALUMINUM-ZINC ALLOY IN ACCORDANCE WITH AZ55 SPECIFICATIONS.
- 7) CABLE UTILIZED FOR BRACING CONFORMS TO ASTM A475. CABLE BRACING IS TO BE INSTALLED TO A TAUT CONDITION.
- 8) ROD UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM-A36 WITH MINIMUM YIELD POINT OF 36,000 PSI.
- 9) IT IS THE RESPONSIBILITY OF ERECTOR TO ENSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPLICABLE "RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING A-325 OR A-490 BOLTS". ALL A-325 BOLTS IN PRIMARY FRAMING MUST BE "SNUG-TIGHT", EXCEPT AS FOLLOWS:
"FULLY-PRETENSION" A-325 BOLTS IF:
a) BUILDING LOCATED IN A HIGH SEISMIC AREA. FOR IBC-BASED CODE, "HIGH SEISMIC AREA" IS DEFINED AS "SEISMIC DESIGN CATEGORY" OF "D", "E" OR "F".
b) BUILDING SUPPORTS A CRANE SYSTEM WITH A CAPACITY GREATER THAN 5.00 TONS.
c) BUILDING SUPPORTS MACHINERY THAT CREATES VIBRATION, IMPACT OR STRESS - REVERSALS ON THE CONNECTIONS.
d) ANY CONNECTION DESIGNATED IN THESE DRAWINGS AS "A-325 - SC".

10) SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS SHALL ALWAYS BE SNUG TIGHT, UNO.

11) ANCHOR BOLTS 3/4" IN DIAMETER THRU 1 1/4" IN DIAMETER CONFORM TO A.S.T.M. F1554 GR. 36. ANCHOR BOLTS 1/2" IN DIAMETER CONFORM TO A.S.T.M. A-307.

- D) UNLESS NOTED OTHERWISE ON FRAMING COLOR CHART: ALL STEEL MEMBERS EXCEPT BOLTS, FASTENERS, CABLE AND RODS SHALL RECEIVE ONE COAT OF STANDARD RED OXIDE SHOP PRIMER.
- E) SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS STIPULATED OTHERWISE IN THE CONTRACT.

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.

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 SOLE 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 AISC CODE OF STANDARD PRACTICES, LATEST ED.)
- 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 AISC CODE OF STANDARD PRACTICE LATEST ED.)
- 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.
- 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.

THE CORRECTION OF MINOR MISFITS BY THE USE OF DRIFT PINS TO DRAW THE COMPONENTS IN TO LINE, MODERATE AMOUNTS OF REAMING,CHIPPING AND CUTTING, AND THE REPLACEMENT OF MINOR SHORTAGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT SUBJECT TO CLAIM.

- H) 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) 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 COLLUSION. (SECT. 7.10.3 AISC CODE OF STANDARD PRACTICE, LATEST ED.)
- J) METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR THE DESIGN, MATERIAL AND WORKMANSHIP OF FOUNDATION. ANCHOR BOLT PLANS PREPARED BY MBM ARE INTENDED TO SHOW ONLY LOCATION, DIAMETER AND PROJECTION OF THE ANCHOR RODS REQUIRED TO ATTACH THE METAL BUILDING SYSTEM TO FOUNDATION. IT IS RESPONSIBILITY OF THE END CUSTOMER TO ENSURE THAT ADEQUATE PROVISIONS ARE MADE FOR SPECIFYING ROD EMBEDMENT, BEARING VALUES, TIE RODS AND OTHER ASSOCIATED ITEMS EMBEDDED IN THE CONCRETE FOUNDATION, AS WELL AS FOUNDATION DESIGN FOR THE LOADS IMPOSED BY MB SYSTEM, OTHER IMPOSED LOAD, AND THE BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE (MBMA 06 SECTIONS 3.2.2 AND A3)
- K) METAL BUILDING MANUFACTURER DOES NOT PROVIDE ANY FIELD SUPERVISION FOR THE ERECTION, NOR DOES MBM PERFORM ANY INSPECTIONS DURING OR AFTER ERECTION.

COMPONENTS & CLADDING (unfactored)

Wall Field Values = 19.151 psf / -20.747 psf
Wall Edge Values = 19.151 psf / -25.535 psf



FLORIDA PRODUCT APPROVAL NUMBER

PBR ROOF PANEL 36875.1
PBR WALL PANEL 36876.1
3070 WALKDOORS +50/-50 PSF 22211.4

IT IS THE RESPONSIBILITY OF THE CUSTOMER TO PROVIDE ALL DOCUMENTATION REQUIRED FOR ANY ACCESSORIES NOT PROVIDED BY MBM TO THEIR LOCAL PERMITTING OFFICE. ALL ACCESSORIES MUST COMPLY AND MEET ALL DESIGN REQUIREMENTS PER LOCAL CODES.

ALL VEHICULAR FRAMED OPENINGS SUPPLIED ON THIS PROJECT HAVE BEEN DESIGNED TO SUPPORT WIND LOADS NORMAL TO A DOOR SYSTEM, BASED ON THE STANDARD BUILDING CODE CRITERIA. THE VEHICULAR FRAMED OPENING HAS NOT BEEN DESIGNED FOR ANY ADDITIONAL MOMENT OR CATENARY FORCE FROM THE DOOR SYSTEM. ANY CHANGES TO THE INFORMATION SHOWN HERE WOULD REQUIRE AN ENGINEERING INVESTIGATION AND POSSIBLE BUILDING REINFORCEMENT.

FRAMING COLORS

Rigid Frame: RO RO - Red Oxide
Flange brace: RO GP - Grey Primer
Angle: RO GZ - Galvanized

	Grt	Pur	Evst	Jmb	BB	Col	Raf
U SECTION:	RO	RO	RO	RO	RO	RO	RO
C SECTION:	RO	RO	RO	RO	RO	RO	RO
D SECTION:	RO	RO	RO	RO	RO	RO	RO
Z SECTION:	RO	RO	RO	RO	RO	RO	RO
E SECTION:	RO	RO	RO	RO	RO	RO	RO
R SECTION:	RO	RO	RO	RO	RO	RO	RO
W SECTION:	RO	RO	RO	RO	RO	RO	RO

WHEN GALVANIZED PROVIDED: ALL FINISHED PRIMARY BUILT-UP AND HOT ROLL MEMBERS ARE HOT DIPPED GALVANIZED. ALL SECONDARY COLD FORMED MEMBERS ARE PRE-GALVANIZED.



BUILDING DESIGNED & MANUFACTURED BY AN IAS ACCREDITED FACILITY.

COLORS:

ROOF:	GALVALUME
WALLS:	COLOR
GABLE:	COLOR
EAVE:	COLOR
CORNER:	COLOR
FRAMED OPENINGS:	COLOR
WANSOOT:	COLOR
WANSOOT TRIM:	COLOR
BASE:	COLOR

DRAWING STATUS

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

DRAWING INDEX

REV.	PAGE	DESCRIPTION
0		COVER PAGE
1		ANCHOR BOLT LAYOUT
1.1		ANCHOR BOLT DETAILS
1.2		ANCHOR BOLT REACTIONS
2		ROOF FRAMING LAYOUT
2.1		RIGID FRAME CROSS SECTION
3-3.1		ENDWALL FRAMING/SHEETING LAYOUT
4-4.1		SIDEWALL FRAMING/SHEETING LAYOUT
5-5.4		FRAMING DETAILS
6		ROOF PANELS & TRIM
6.1		ROOF PANEL DETAILS
7		SIDEWALL PANEL DETAILS
8		ENDWALL PANEL DETAILS
9		SPECIAL DETAILS

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

FOR OCCUPANCY (RISK) CATEGORY I OR II, IBC PROVISIONS INDICATE THAT SINGLE-STORY BUILDINGS SHALL HAVE "NO DRIFT LIMIT" PROVIDED THAT INTERIOR WALLS, PARTITIONS, CEILINGS AND EXTERIOR WALL SYSTEMS HAVE BEEN DESIGNED TO ACCOMMODATE THE SEISMIC STORY DRIFTS. INTERIOR WALLS, PARTITIONS, CEILINGS OR EXTERIOR SYSTEMS NOT PROVIDED BY MBM SHALL BE DESIGNED AND DETAILED BY OTHERS TO ACCOMODATE THE SEISMIC STORY DRIFTS. 4

0.5 PSF COLL ONLY ALLOW LIGHTING TO HANG FROM ROOF SYSTEMS SUSPENSION OF ANY LOAD INDUCING SYSTEM IS EXPLICITLY PROHIBITED, UNLESS A CORRESPONDING REDUCTION IN CERTIFIED LIVE/SNOW LOADS CAN BE PERMITTED BY CODE. 8

FOR:

SLABTOWN

581 ARMSTRONG RD.

MONTECELLO, FL. 32344

JOBSITE: MONTECELLO, FL. 32344

FROM:

SUPERIOR METAL BUILDINGS, LLC.

6125 UNION RD.

HAHIRA, GA. 31632

JOB NO :

9222R3

DATE :

5/22/25

BY :

JTS

SCALE :

NONE

TITLE :

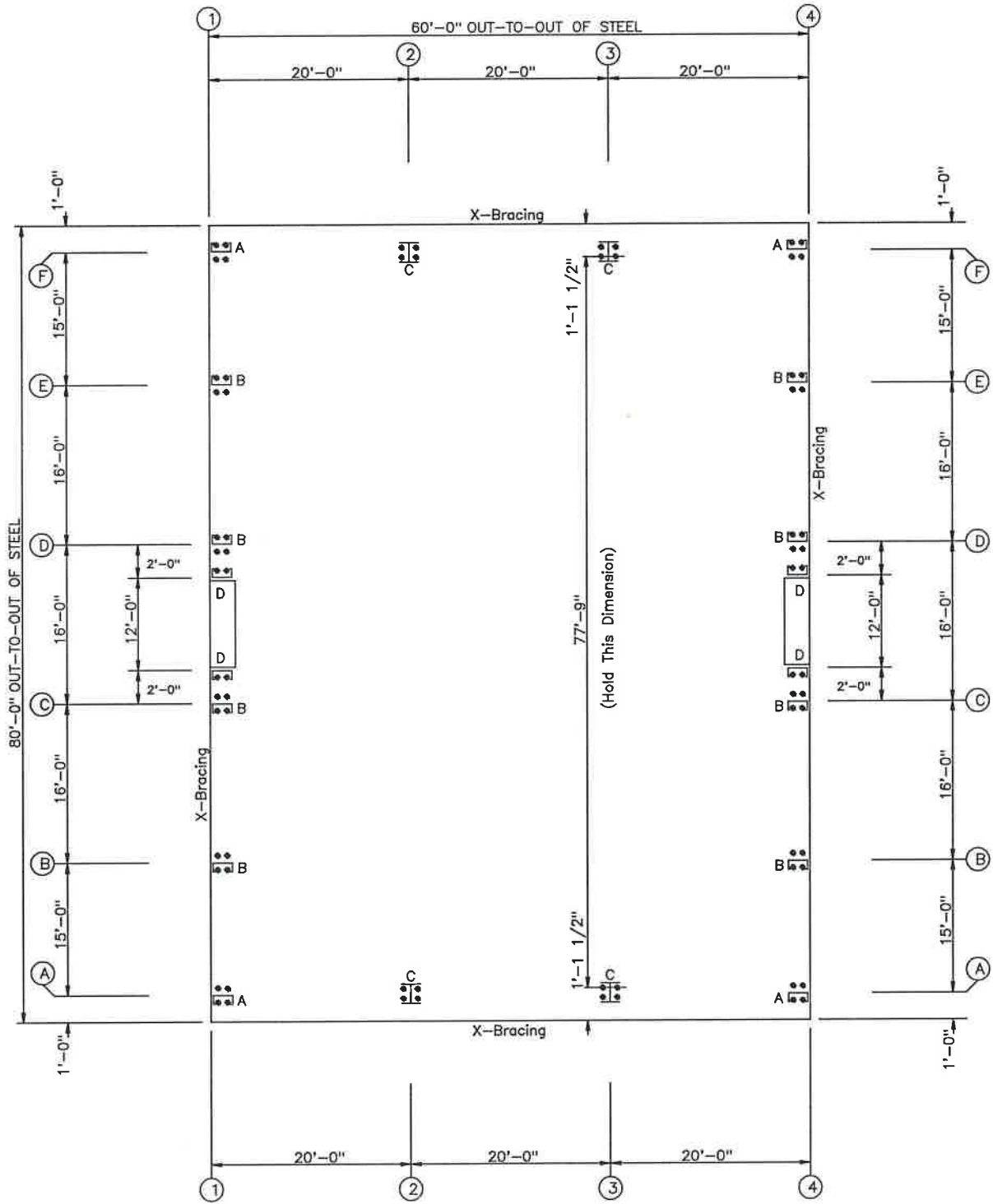
COVER PAGE

NUMBER :

PAGE 0

⊕ Dia= 5/8"

⊗ Dia= 3/4"



ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (Unless Noted)

NOTE: ALL FIELD LOCATED FRAMED OPENING LOCATIONS SHALL BE AT THE DISCRETION OF THE ERECTOR/CUSTOMER. IT IS RECOMMENDED THAT THESE ANCHORS BE LOCATED AT TIME OF ERECTION.

FIELD LOCATE:
(2) 3070 WALKDOORS
(4) 3'-0" x 3'-0" FRAMED OPENING

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: ANCHOR BOLT LAYOUT				
DRAWING NO: PAGE 1	DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE	

DETAIL A

DETAIL D

DETAIL B

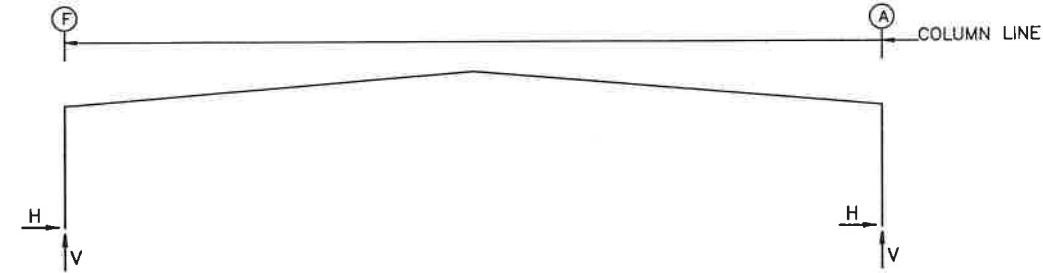
DATE: _____

TYP. O.H. DOOR RECESS DETAIL

ANCHOR BOLT PROJECTION

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: ANCHOR BOLT DETAILS				
DRAWING NO: PAGE 1.1	DRAWN BY: JTS		CHECKED BY: CH	SCALE: NONE

FRAME LINES: 2 3



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Dia	Base_Plate (in)			Grout (in)
				Width	Length	Thick	
2*	F	4	0.750	6.000	8.500	0.375	0.0
2*	A	4	0.750	6.000	8.500	0.375	0.0

2* Frame lines: 2 3

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Dia	Base_Plate (in)			Grout (in)
				Width	Length	Thick	
1	F	4	0.750	8.000	8.000	0.250	0.0
1	E	4	0.750	8.000	8.000	0.250	0.0
1	D	4	0.750	8.000	8.000	0.250	0.0
1	C	4	0.750	8.000	8.000	0.250	0.0
1	B	4	0.750	8.000	8.000	0.250	0.0
1	A	4	0.750	8.000	8.000	0.250	0.0
4	A	4	0.750	8.000	8.000	0.250	0.0
4	B	4	0.750	8.000	8.000	0.250	0.0
4	C	4	0.750	8.000	8.000	0.250	0.0
4	D	4	0.750	8.000	8.000	0.250	0.0
4	E	4	0.750	8.000	8.000	0.250	0.0
4	F	4	0.750	8.000	8.000	0.250	0.0

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
8	Jamb	5/8"	A307	1.50
48	Endwall	3/4"	GR36	1.50
16	Frame	3/4"	GR36	2.50

GENERAL NOTES

1. FOUNDATION DESIGN AND CONSTRUCTION ARE NOT THE RESPONSIBILITY OF METAL BUILDING MANUFACTURER.
2. ALL REACTIONS ARE UNFACTORED.
3. ULTIMATE WIND LOADS ARE USED TO DERIVE THE WIND REACTION.
4. ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLLERANCE OF +/- 1/8" IN BOTH ELEVATION AND LOCATION.
5. COLUMN BASE PLATES ARE DESIGNED NOT TO EXCEED A BEARING PRESSURE OF 1050 POUNDS PER SQUARE INCH.

NOTE: THE FRAMING AT BOTH ENDWALLS IS 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.

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead		Collateral		Live		Wind_Left1		Wind_Right1		Wind_Left2	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	F	2.6	2.5	0.5	0.4	11.0	9.6	-14.7	-13.3	-10.2	-10.0	-8.9	-7.1
2*	A	-2.6	2.5	-0.5	0.4	-11.0	9.6	10.2	-10.0	14.7	-13.3	4.3	-3.7

Frame Line	Column Line	Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	F	-4.3	-3.7	-12.2	-13.7	-12.6	-11.0	-0.1	0.0	0.1	0.0
2*	A	8.9	-7.1	12.6	-11.0	12.2	-13.7	-0.1	0.0	0.1	0.0

2* Frame lines: 2 3

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind Press Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert	Seis Left Vert
1	F	0.2	0.0	1.3	-1.3	-0.9	-0.9	-0.4	-0.7	0.8	-1.4	-0.9	0.0
1	E	0.5	0.1	3.6	-3.8	-2.2	-2.6	-1.0	-1.5	1.6	-3.7	-2.1	0.0
1	D	0.5	0.1	3.2	-2.4	-1.7	-1.4	-0.8	-1.7	1.8	-3.0	-1.9	0.0
1	C	0.5	0.1	3.2	-1.8	-2.4	-0.9	-1.4	-1.7	1.8	-1.9	-3.1	0.0
1	B	0.5	0.1	3.6	-2.1	-3.8	-0.9	-2.6	-1.5	1.6	-2.1	-3.7	0.0
1	A	0.2	0.0	1.3	-0.9	-1.3	-0.4	-0.9	-0.7	0.8	-0.9	-1.4	0.0
4	A	0.2	0.0	1.3	-1.3	-0.9	-0.9	-0.4	-0.7	0.8	-1.4	-0.9	0.0
4	B	0.5	0.1	3.6	-3.8	-2.2	-2.6	-1.0	-1.5	1.6	-3.7	-2.1	0.0
4	C	0.5	0.1	3.2	-2.4	-1.7	-1.4	-0.8	-1.7	1.8	-3.0	-1.9	0.0
4	D	0.5	0.1	3.2	-1.8	-2.4	-0.9	-1.4	-1.7	1.8	-1.9	-3.1	0.0
4	E	0.5	0.1	3.6	-2.1	-3.8	-0.9	-2.6	-1.5	1.6	-2.1	-3.7	0.0
4	F	0.2	0.0	1.3	-0.9	-1.3	-0.4	-0.9	-0.7	0.8	-0.9	-1.4	0.0

Frm Line	Col Line	Seis Right Vert	Seis Long Vert
1	F	0.0	0.0
1	E	0.0	0.0
1	D	0.0	0.0
1	C	0.0	0.0
1	B	0.0	0.0
1	A	0.0	0.0
4	A	0.0	0.0
4	B	0.0	0.0
4	C	0.0	0.0
4	D	0.0	0.0
4	E	0.0	0.0
4	F	0.0	0.0

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width	(ft)	=	80.0
Length	(ft)	=	60.0
Eave Height	(ft)	=	12.0 / 12.0
Roof Slope	(rise/12)	=	1.00 / 1.00
Roof Dead Load	(psf)	=	2.0
Wall Dead Load			
Left Endwall	(psf)	=	2.0
Right Endwall	(psf)	=	2.0
Front Sidewall	(psf)	=	2.0
Back Sidewall	(psf)	=	2.0
Roof Live Load	(psf)	=	20.0
Frame Live Load	(psf)	=	12.0
Collateral Load	(psf)	=	0.5
Wind Speed	(mph)	=	120.0
Wind Code		=	FBC 23 (8TH EDITION)
Exposure		=	B
Closure		=	Enclosed
Internal Wind Coeff		=	-0.18, +0.18
Risk Category		=	II - Normal
Importance - Wind		=	1.00
Importance - Seismic		=	1.00
Seismic Design Category		=	B
Seismic Coeff	(Sms)	=	0.16

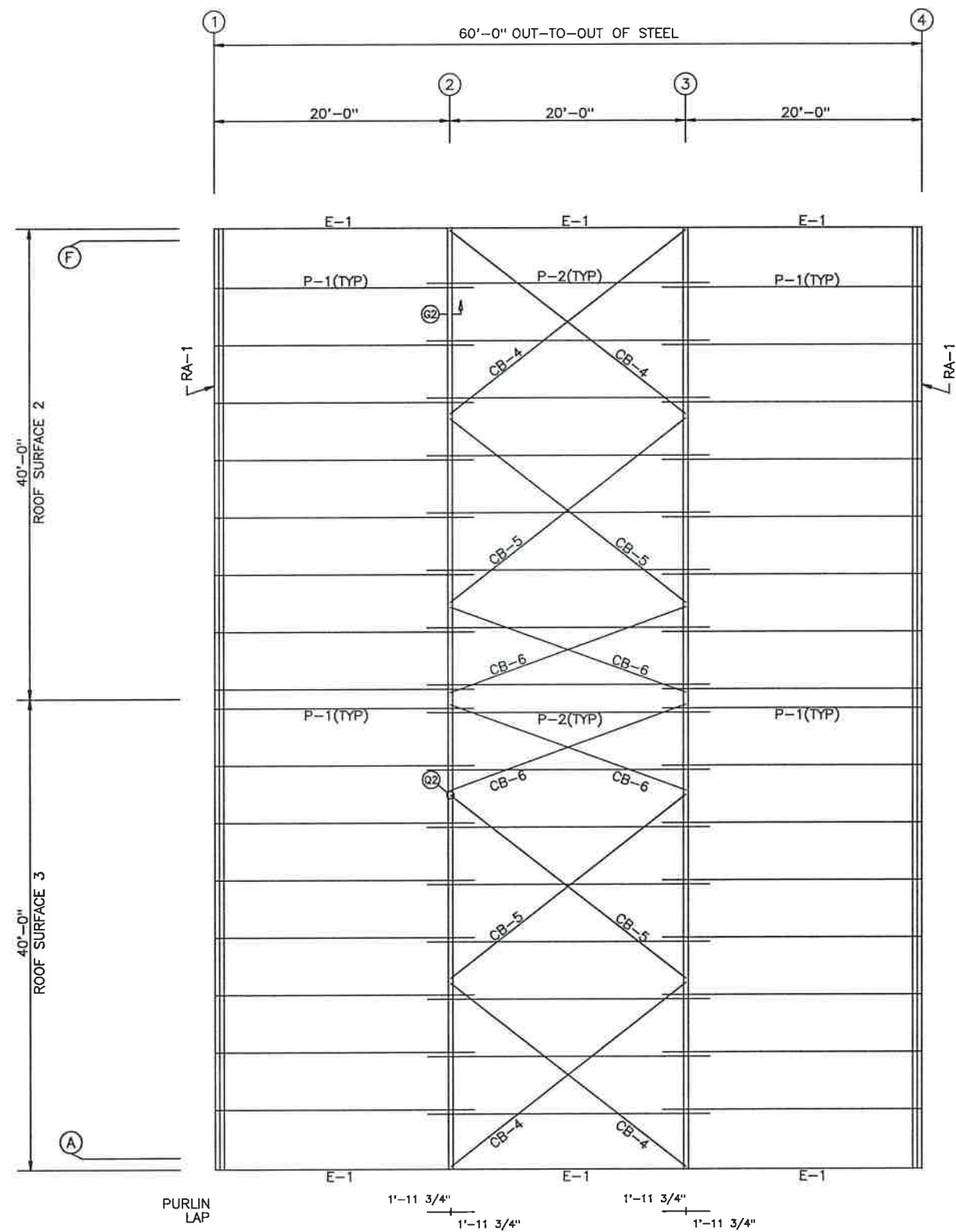
BUILDING BRACING REACTIONS

Wall		Col		± Reactions(k)				Panel Shear (lb/ft)	
Loc	Line	Line		Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis
L_EW	1	C,B		1.3	1.1	0.2	0.1		
F_SW	A	2,3		4.4	2.3	0.4	0.2		
R_EW	4	D,E		1.3	1.1	0.2	0.1		
B_SW	F	3,2		4.4	2.3	0.4	0.2		

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

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3			DATE: 5/22/25	
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: ANCHOR BOLT REACTIONS				
DRAWING NO: PAGE 1.2		DRAWN BY: JTS		CHECKED BY: CH
				SCALE: NONE

MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	8x25Z16	21'-11 1/2"
P-2	8x25Z16	23'-11 1/2"
E-1	8LE14@1	19'-11 1/2"
CB-4	1/4 CBL	25'-0"
CB-5	1/4 CBL	25'-8"
CB-6	1/4 CBL	21'-10"



ROOF FRAMING PLAN

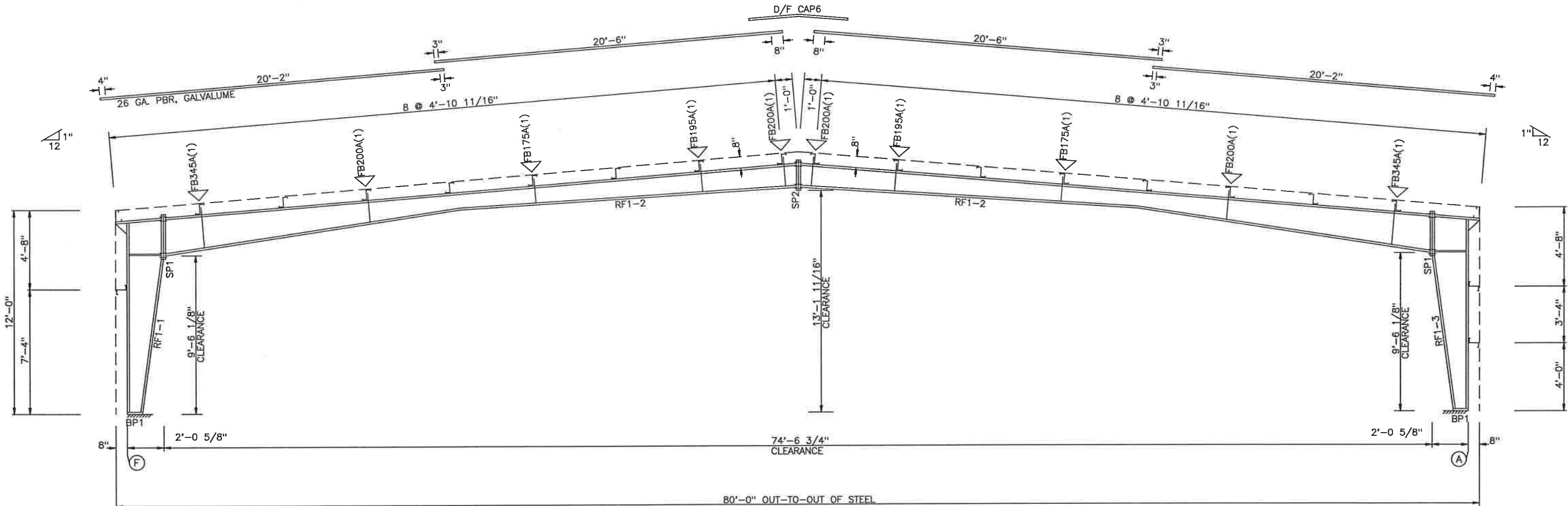
ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3			DATE: 5/22/25	
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: ROOF FRAMING LAYOUT				
DRAWING NO: PAGE 2		DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE

SPICE BOLT TABLE						
MARK	Qty	Top	Bot	Int	TYPE	DIA Length
SP1	4	4	0		A325	3/4" 2"
SP2	4	4	0		A325	5/8" 2"

BASE PLATE TABLE			
COL MARK	PLATE SIZE		
	Width	THICK	Length
BP1	6"	3/8"	8 1/2"

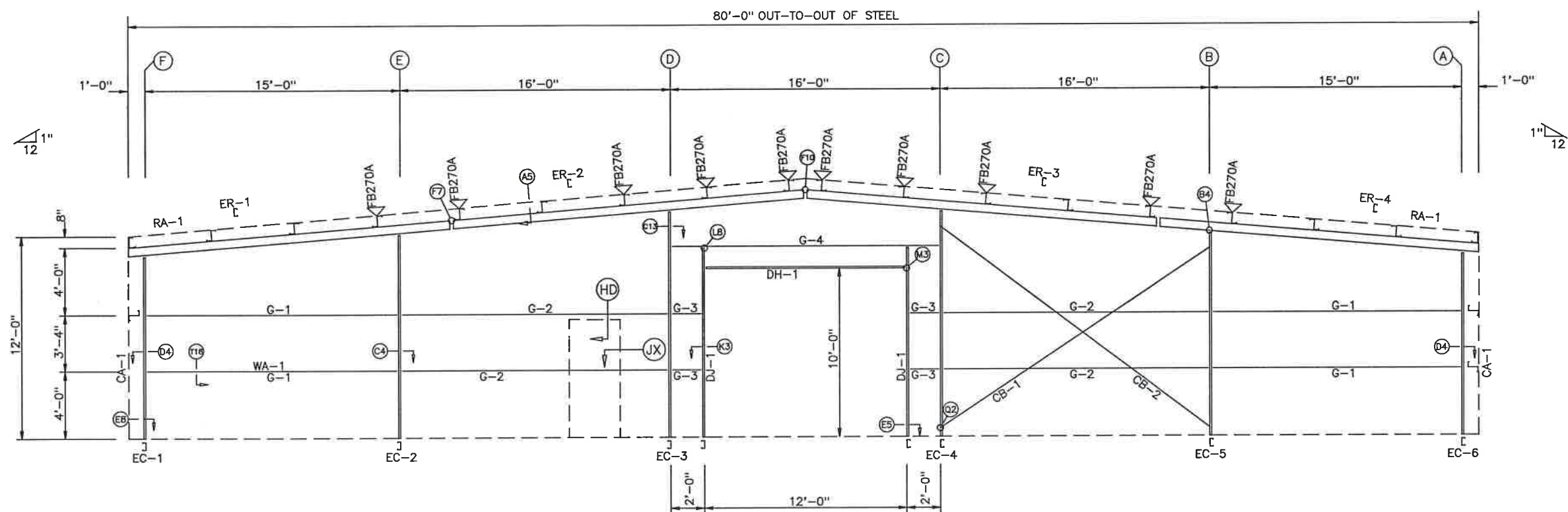
▽ FLANGE BRACES: (1) One Side; (2) Two Sides
 FBxxA(1): xx=length(in)
 A - L2x2x14

MEMBER TABLE						
MARK	Weight	Web Depth	Web THICK	PLATE Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	285	7.5/24.0	0.135	9'-2"	6 x 1/4" x 11'-4"	6 x 3/8" x 9'-3 3/16"
RF1-2	703	24.0/24.0	0.188	2'-4 1/16"	6 x 1/4" x 2'-8 5/16"	6 x 5/16" x 17'-6 7/16"
		24.0/11.6	0.135	14'-11"	6 x 1/4" x 20'-0"	6 x 1/4" x 19'-10 7/8"
		11.6/ 9.5	0.135	2'-6 15/16"	6 x 1/4" x 17'-3 7/8"	
		9.5/12.9	0.135	14'-11"		
RF1-3	287	12.9/14.0	0.135	5'-1"		
		24.0/24.0	0.188	2'-4 1/16"	6 x 1/4" x 2'-8 5/16"	6 x 3/8" x 9'-3 3/16"
		24.0/ 7.5	0.135	9'-2"	6 x 1/4" x 11'-4"	

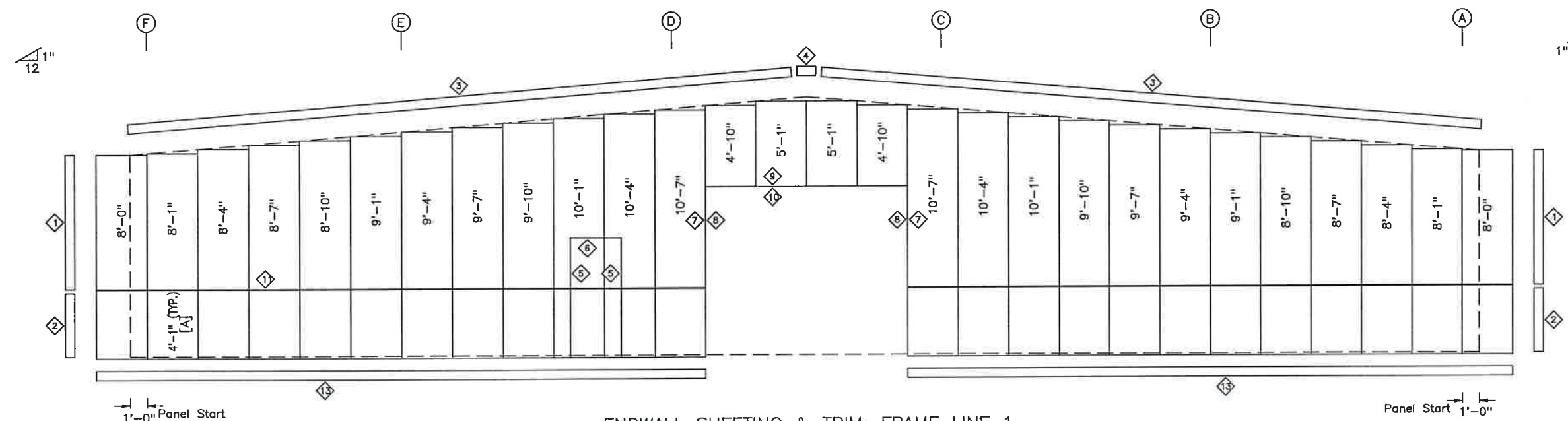


RIGID FRAME ELEVATION: FRAME LINE 2 3

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3			DATE: 5/22/25	
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: RIGID FRAME CROSS SECTION				
DRAWING NO: PAGE 2.1		DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE



ENDWALL FRAMING: FRAME LINE 1

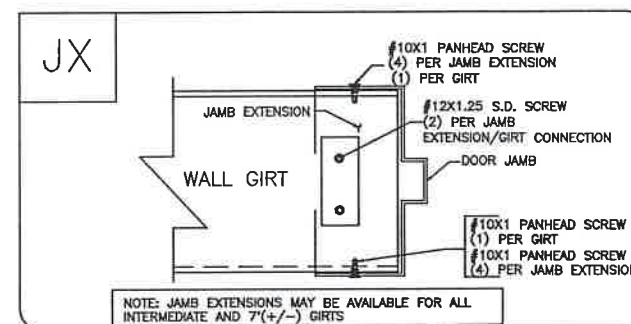
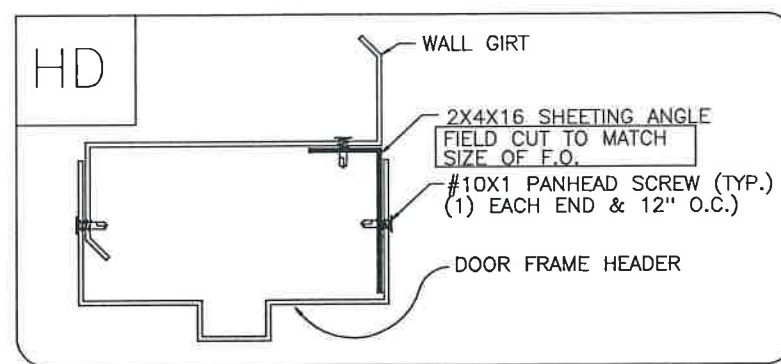


ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 GA. PBR - COLOR
[A] WAINSCOT: 26 GA. PBR - COLOR

ALL VEHICULAR FRAMED OPENINGS SUPPLIED ON THIS PROJECT HAVE BEEN DESIGNED TO SUPPORT WIND LOADS NORMAL TO A DOOR SYSTEM, BASED ON THE STANDARD BUILDING CODE CRITERIA. THE VEHICULAR FRAMED OPENING HAS NOT BEEN DESIGNED FOR ANY ADDITIONAL MOMENT OR CATENARY FORCE FROM THE DOOR SYSTEM. ANY CHANGES TO THE INFORMATION SHOWN HERE WOULD REQUIRE AN ENGINEERING INVESTIGATION AND POSSIBLE BUILDING REINFORCEMENT.

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

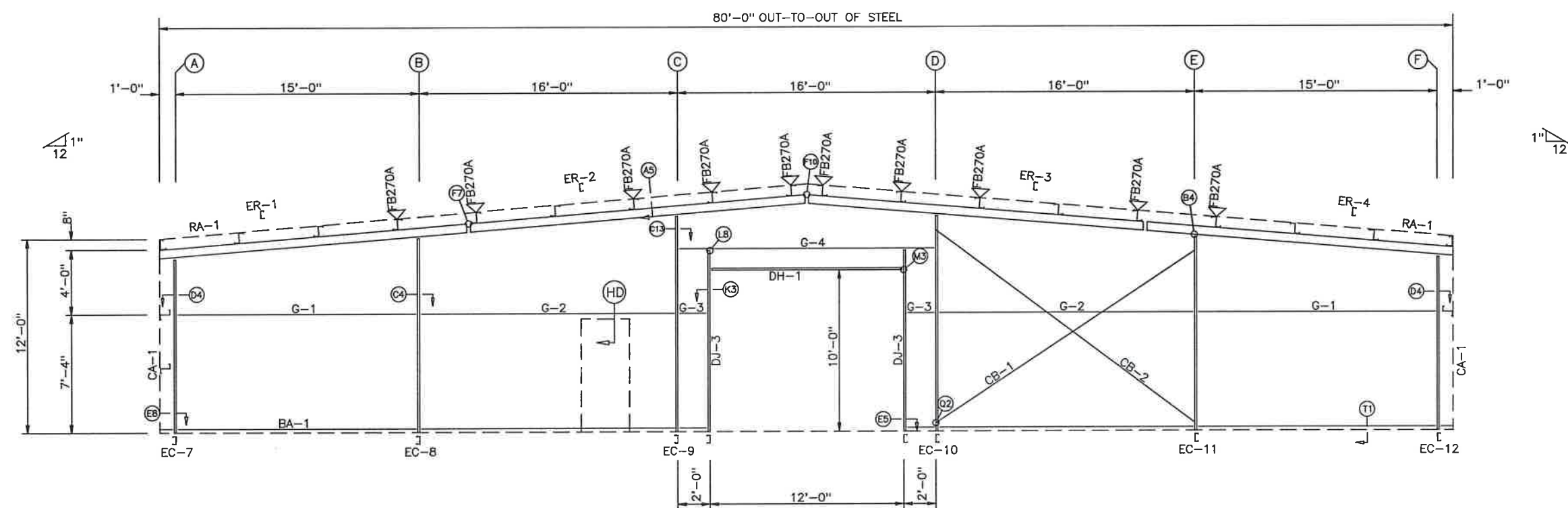


BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	2"
ER-2/ER-3	8	A325	5/8"	2"
ER-3/ER-4	8	A325	5/8"	2"
Columns/Raf	2	A325	5/8"	2"

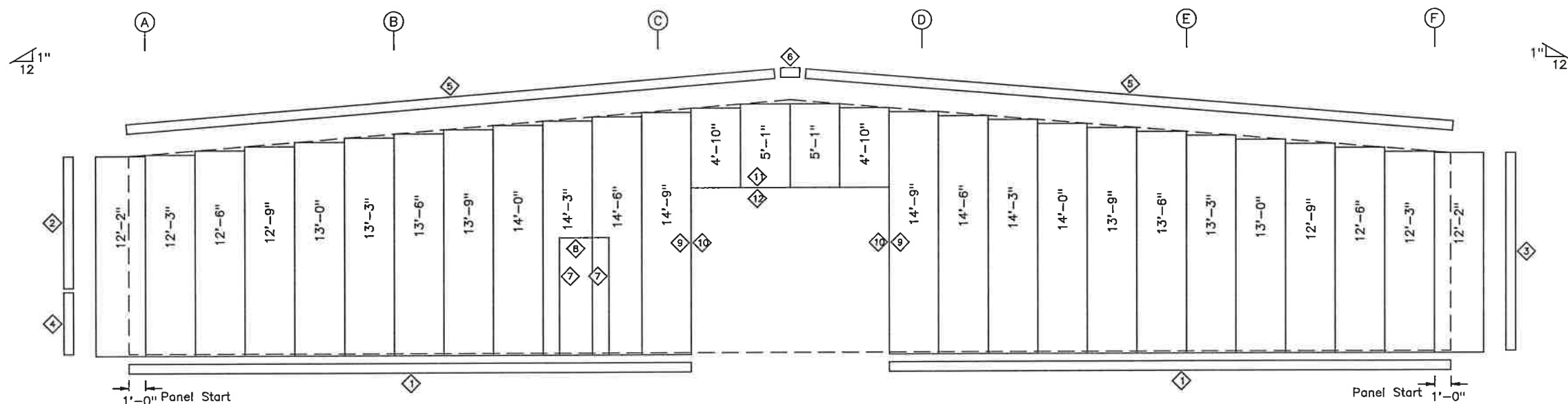
TRIM TABLE			
FRAME LINE 1			
ID	PART	LENGTH	DETAIL
1	O/S CORN	8'-2"	TRIM_5
2	O/S CORN	4'-2"	TRIM_5
3	RAKE TRM	13'-7"	TRIM_3
4	PEAK BOX	1'-4"	TRIM_4
5	R JAMB	7'-3"	TRIM_8
6	R HEAD	3'-3"	TRIM_61
7	CT8	10'-1"	TRIM_11
8	R JAMB	10'-3"	TRIM_8
9	CT8	12'-0"	TRIM_10
10	R HEAD	12'-3"	TRIM_61
11	WCT-2	17'-2"	TRIM_20
13	DRIP BASE	17'-3"	TRIM_16

MEMBER TABLE		
FRAME LINE 1		
MARK	PART	LENGTH
EC-1	8X35C16	10'-6 15/16"
EC-2	8X35C16	11'-9 15/16"
EC-3	8X35C16	13'-1 15/16"
EC-4	8X35C16	13'-1 15/16"
EC-5	8X35C16	11'-9 15/16"
EC-6	8X35C16	10'-6 15/16"
ER-1	8X35C12	19'-1 1/16"
ER-2	8X35C12	21'-0 5/16"
ER-3	8X35C12	21'-0 5/16"
ER-4	8X35C12	19'-1 1/16"
DJ-1	8X35C12	11'-4"
DH-1	8X35C16	12'-0"
G-1	8x25Z16	14'-7 1/2"
G-2	8x25Z16	15'-7 1/2"
G-3	8x25Z16	1'-7 1/2"
G-4	8x25Z16	15'-11 1/2"
CB-1	1/4 CBL	20'-0"
CB-2	1/4 CBL	20'-9"

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: ENDWALL FRAMING & SHEETING LAYOUT				
DRAWING NO: PAGE 3	DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE	



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 GA. PBR - COLOR

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

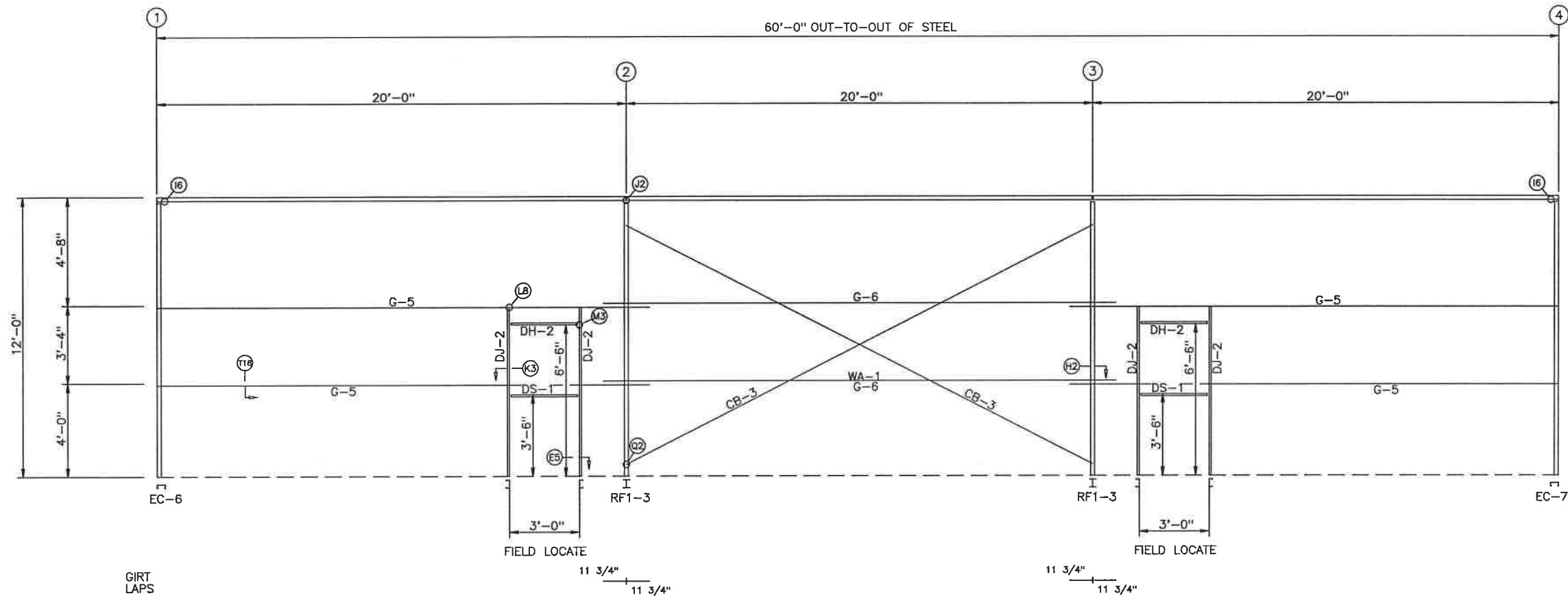
TRIM TABLE FRAME LINE 4			
ID	PART	LENGTH	DETAIL
1	DRIP BASE	17'-3"	TRIM_16
2	O/S CORN	8'-2"	TRIM_5
3	O/S CORN	12'-2"	TRIM_5
4	O/S CORN	4'-2"	TRIM_5
5	RAKE TRM	13'-7"	TRIM_3
6	PEAK BOX	1'-4"	TRIM_4
7	R JAMB	7'-3"	TRIM_8
8	R HEAD	3'-3"	TRIM_61
9	CT8	10'-1"	TRIM_11
10	R JAMB	10'-3"	TRIM_8
11	CT8	12'-0"	TRIM_10
12	R HEAD	12'-3"	TRIM_61

MEMBER TABLE FRAME LINE 4		
MARK	PART	LENGTH
EC-7	8X35C16	10'-6 15/16"
EC-8	8X35C16	11'-9 15/16"
EC-9	8X35C16	13'-1 15/16"
EC-10	8X35C16	13'-1 15/16"
EC-11	8X35C16	11'-9 15/16"
EC-12	8X35C16	10'-6 15/16"
ER-1	8X35C12	19'-1 1/16"
ER-2	8X35C12	21'-0 5/16"
ER-3	8X35C12	21'-0 5/16"
ER-4	8X35C12	19'-1 1/16"
DJ-3	8X35C12	11'-4"
DH-1	8X35C16	12'-0"
G-1	8x25Z16	14'-7 1/2"
G-2	8x25Z16	15'-7 1/2"
G-3	8x25Z16	1'-7 1/2"
G-4	8x25Z16	15'-11 1/2"
CB-1	1/4 CBL	20'-0"
CB-2	1/4 CBL	20'-9"

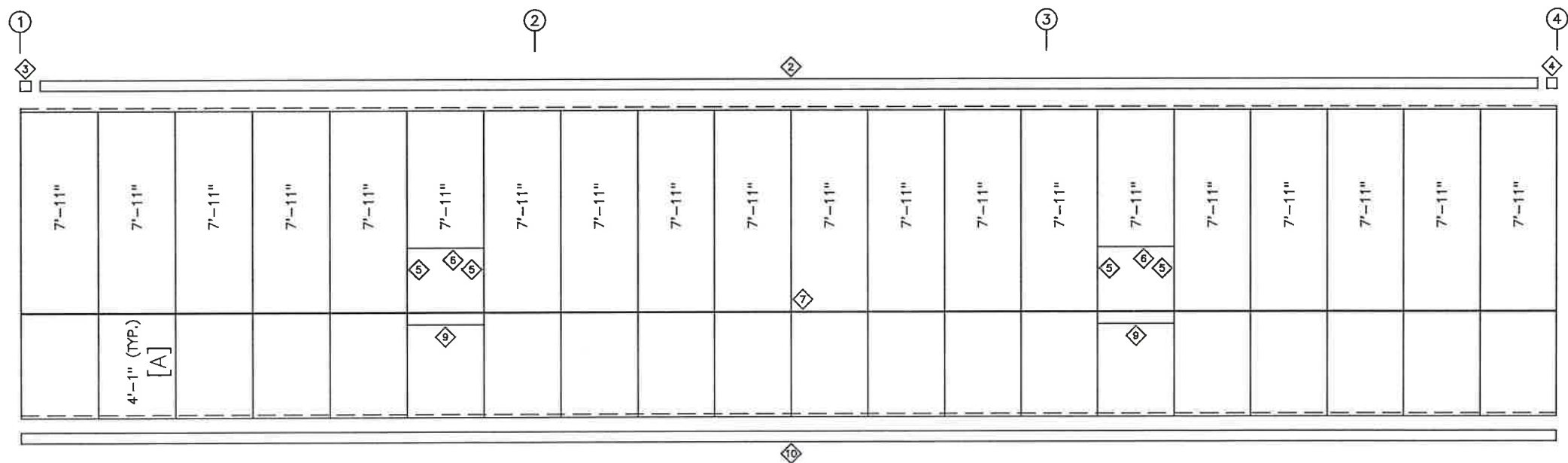
ALL VEHICULAR FRAMED OPENINGS SUPPLIED ON THIS PROJECT HAVE BEEN DESIGNED TO SUPPORT WIND LOADS NORMAL TO A DOOR SYSTEM, BASED ON THE STANDARD BUILDING CODE CRITERIA. THE VEHICULAR FRAMED OPENING HAS NOT BEEN DESIGNED FOR ANY ADDITIONAL MOMENT OR CATENARY FORCE FROM THE DOOR SYSTEM. ANY CHANGES TO THE INFORMATION SHOWN HERE WOULD REQUIRE AN ENGINEERING INVESTIGATION AND POSSIBLE BUILDING REINFORCEMENT.

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

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: ENDWALL FRAMING & SHEETING LAYOUT				
DRAWING NO: PAGE 3.1	DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE	



SIDEWALL FRAMING: FRAME LINE A

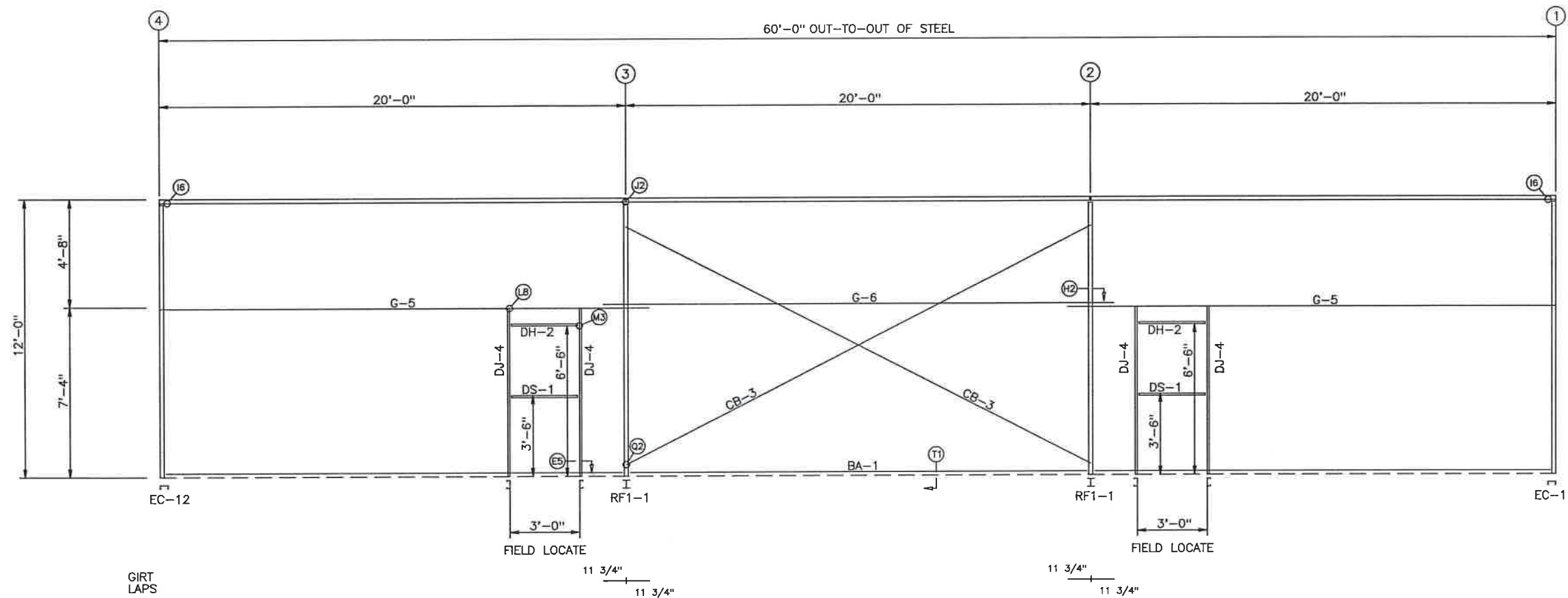


SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 GA. PBR - COLOR
[A] WAINSCOT: 26 GA. PBR - COLOR

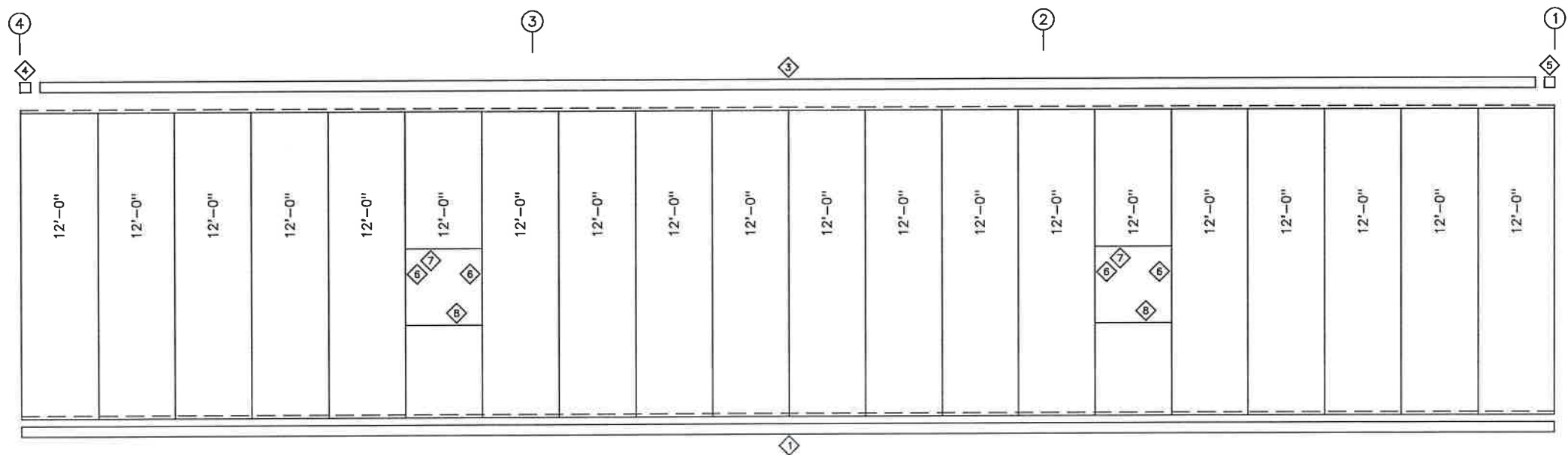
TRIM TABLE			
FRAME LINE A			
ID	PART	LENGTH	DETAIL
2	EAVE TRM	20'-2"	TRIM_12
3	R END LH	6"	TRIM_13
4	R END RH	6"	TRIM_13
5	R JAMB	3'-3"	TRIM_8
6	R HEAD	3'-3"	TRIM_61
7	WCT-2	20'-2"	TRIM_20
9	R HEAD	3'-3"	TRIM_7
10	DRIP BASE	20'-3"	TRIM_16

MEMBER TABLE		
FRAME LINE A		
MARK	PART	LENGTH
DJ-2	8X25C16	7'-4"
DH-2	8X25C16	3'-0"
DS-1	8X25C16	3'-0"
G-5	8x25Z16	20'-11 1/2"
G-6	8x25Z16	21'-11 1/2"
CB-3	1/4 CBL	23'-3"

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: SIDEWALL FRAMING & SHEETING LAYOUT				
DRAWING NO: PAGE 4	DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE	



SIDEWALL FRAMING: FRAME LINE F

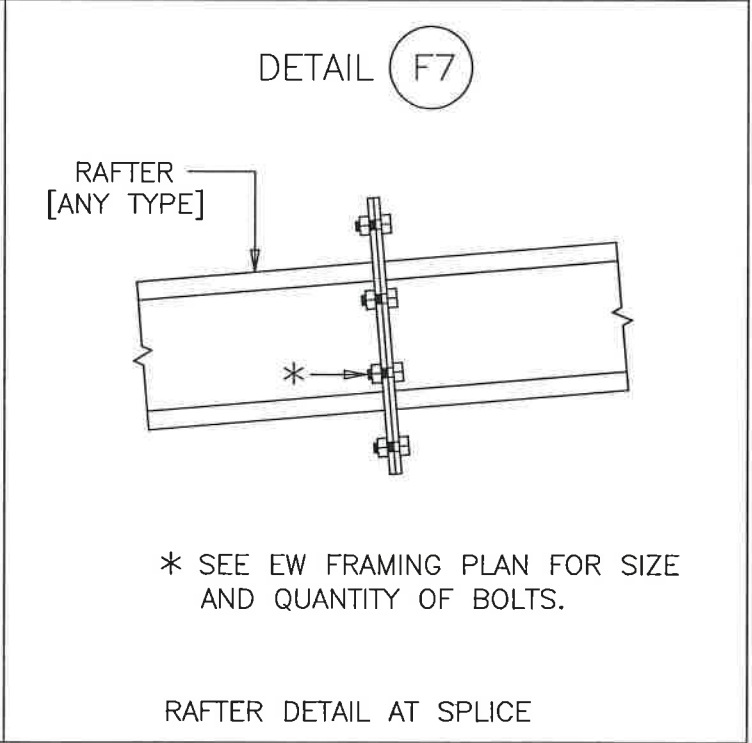
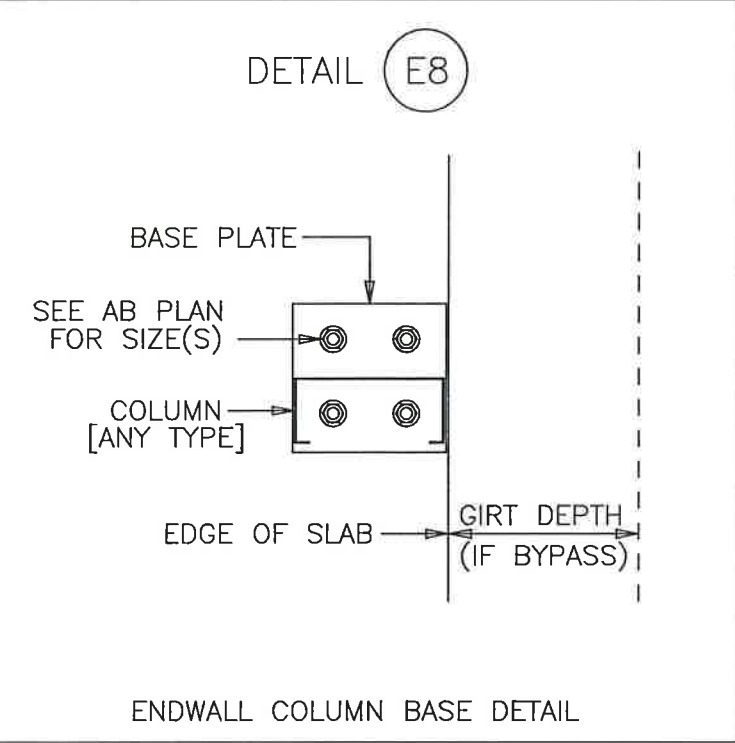
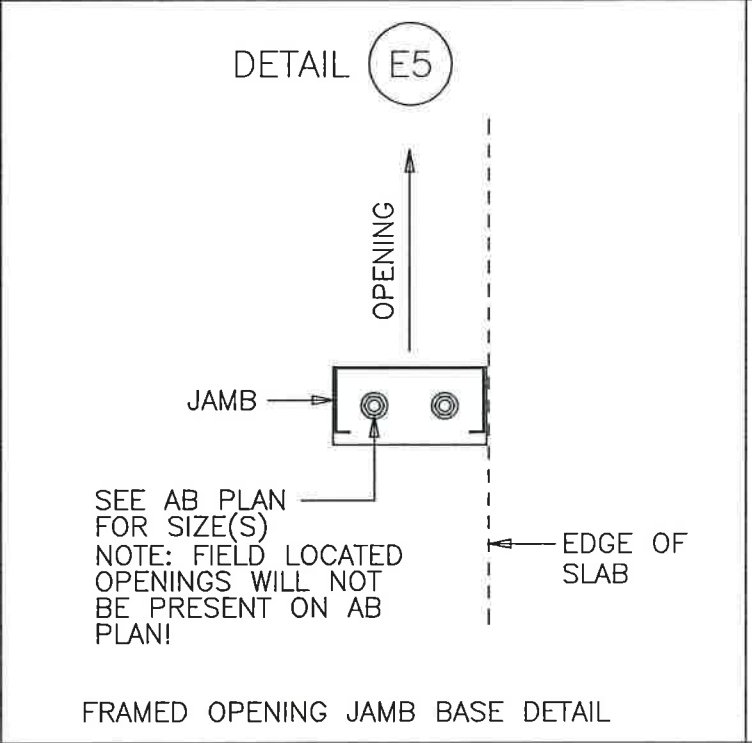
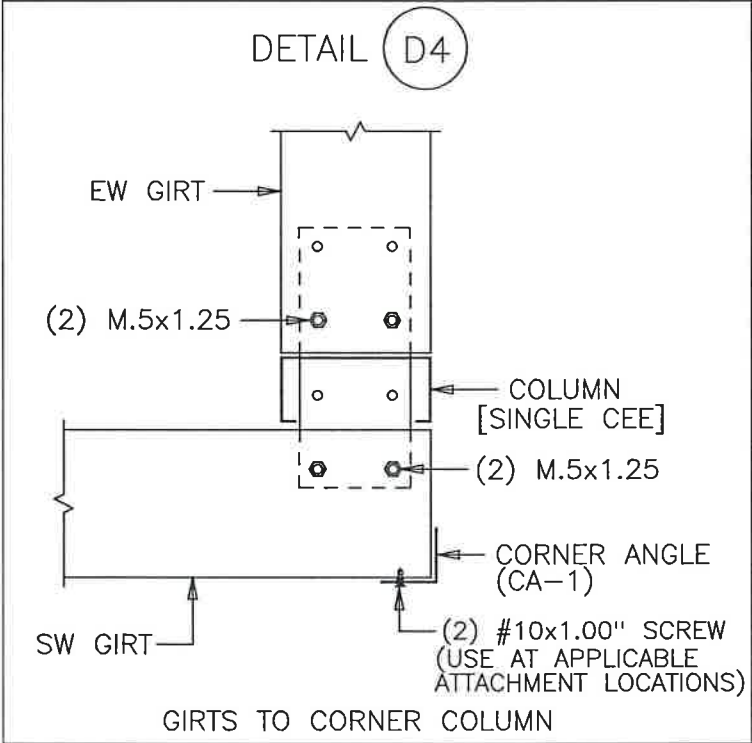
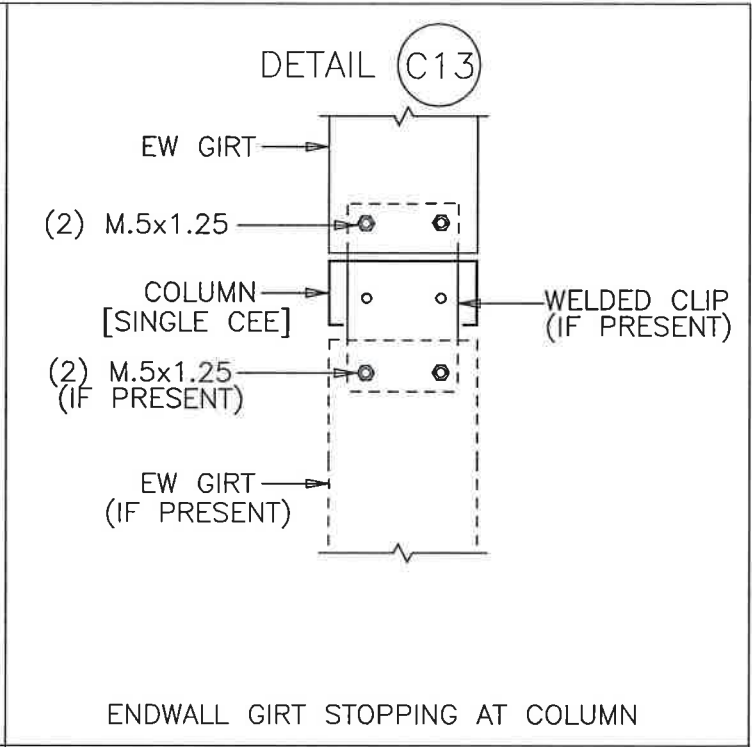
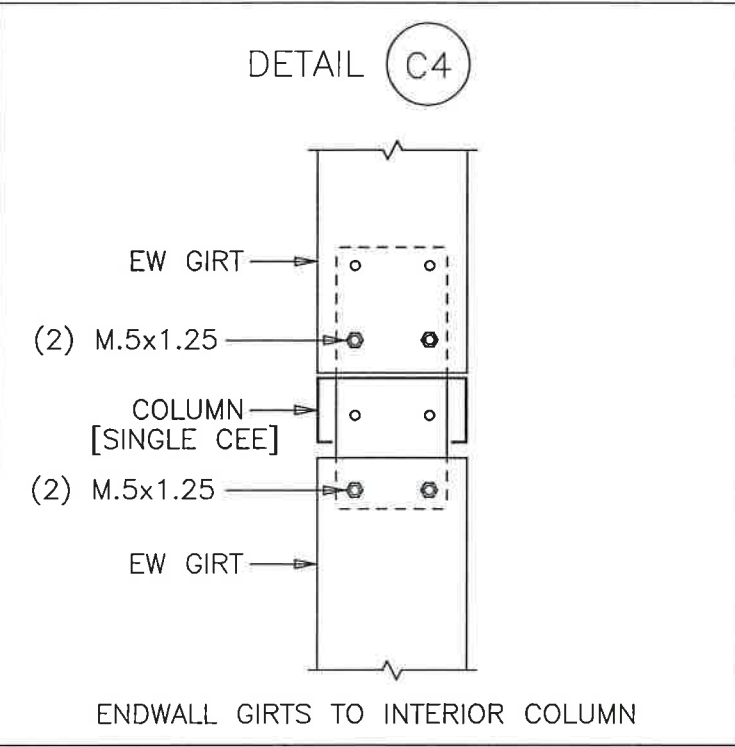
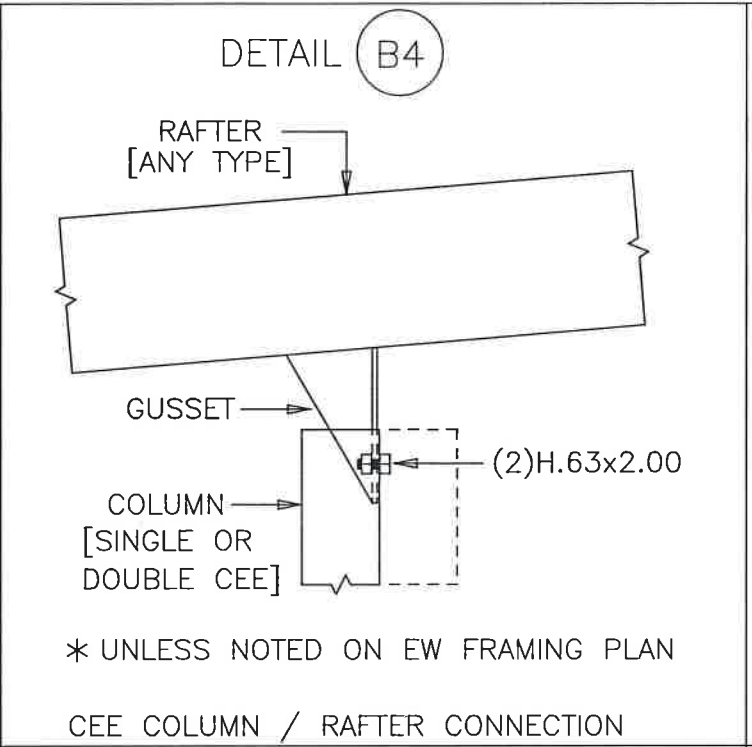
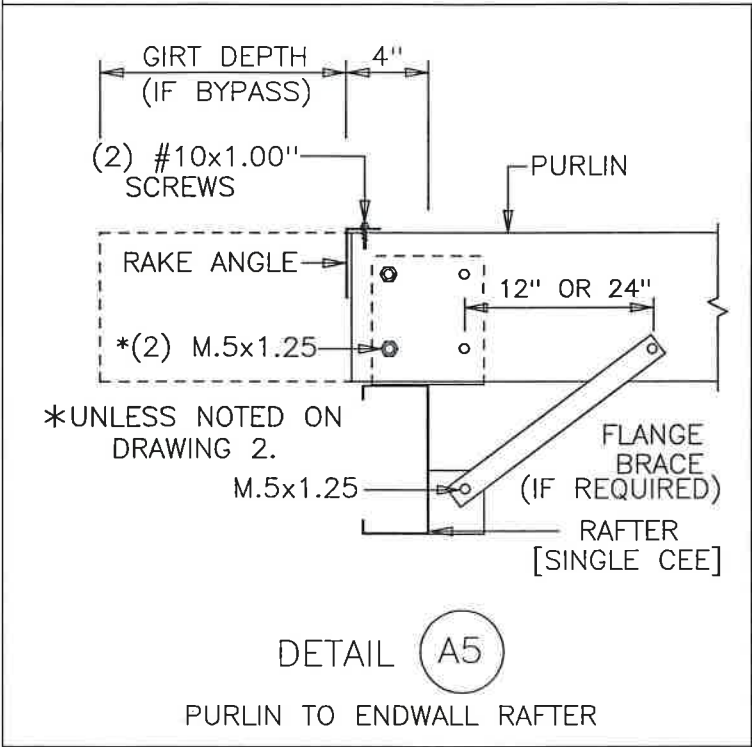


SIDEWALL SHEETING & TRIM: FRAME LINE F
PANELS: 26 GA. PBR - COLOR

TRIM TABLE FRAME LINE F			
ID	PART	LENGTH	DETAIL
1	DRIP BASE	15'-3"	TRIM_16
3	EAVE TRM	20'-2"	TRIM_12
4	R END LH	6"	TRIM_13
5	R END RH	6"	TRIM_13
6	R JAMB	3'-3"	TRIM_8
7	R HEAD	3'-3"	TRIM_61
8	R HEAD	3'-3"	TRIM_7

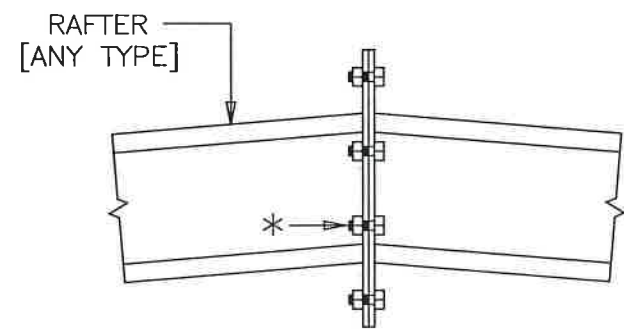
MEMBER TABLE FRAME LINE F		
MARK	PART	LENGTH
DJ-4	8X25C16	7'-4"
DH-2	8X25C16	3'-0"
DS-1	8X25C16	3'-0"
G-5	8x25Z16	20'-11 1/2"
G-6	8x25Z16	21'-11 1/2"
CB-3	1/4 CBL	23'-3"

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3			DATE: 5/22/25	
LOCATION: MONTICELLO, FL 32344				
DRAWING NAME: SIDEWALL FRAMING & SHEETING LAYOUT				
DRAWING NO: PAGE 4.1	DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE	



ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: FRAMING DETAILS				
DRAWING NO: PAGE 5	DRAWN BY: JTS		CHECKED BY: CH	SCALE: NONE

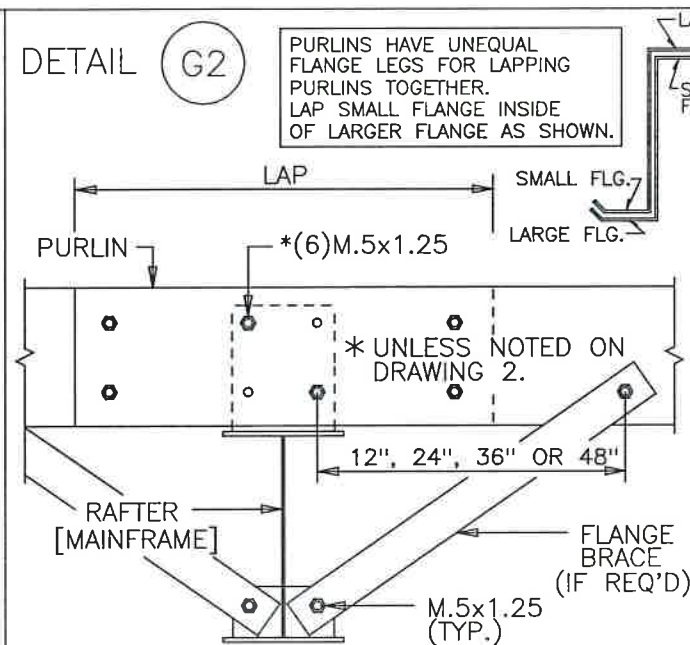
DETAIL (F10)



* SEE EW FRAMING PLAN FOR SIZE AND QUANTITY OF BOLTS.

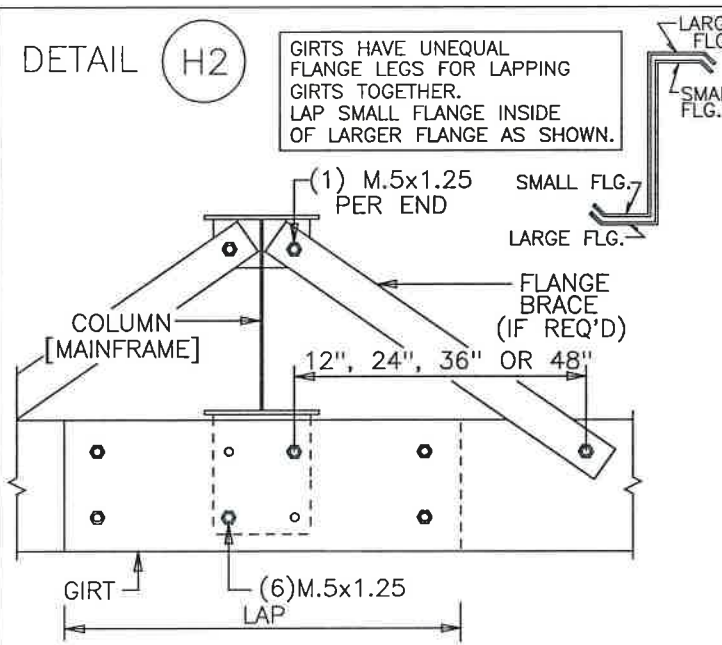
RAFTER DETAIL AT RIDGE

DETAIL (G2)

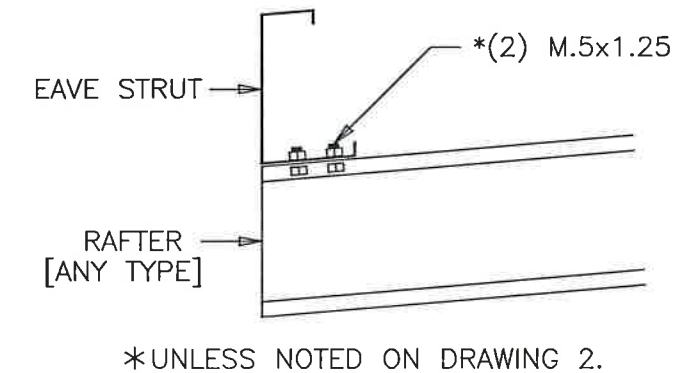


PURLIN TO MAINFRAME RAFTER

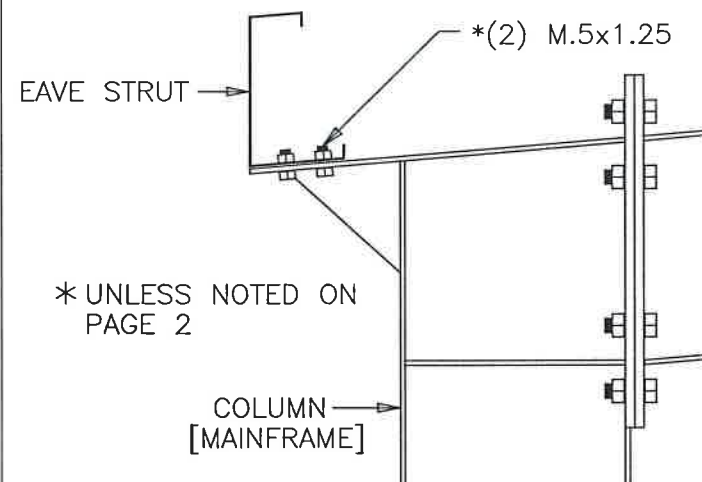
DETAIL (H2)



GIRT TO MAINFRAME COLUMN

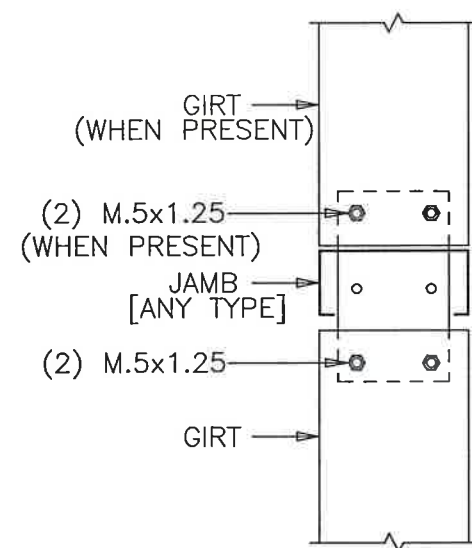


16 EAVE STRUT CONNECTION AT ENDWALL



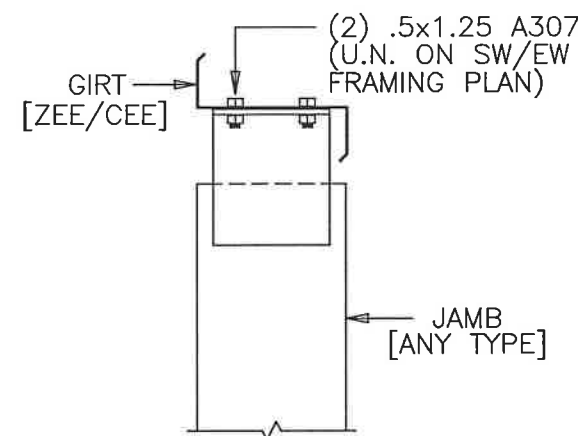
J2 EAVE STRUT CONNECTION AT MAINFRAME

DETAIL (K3)



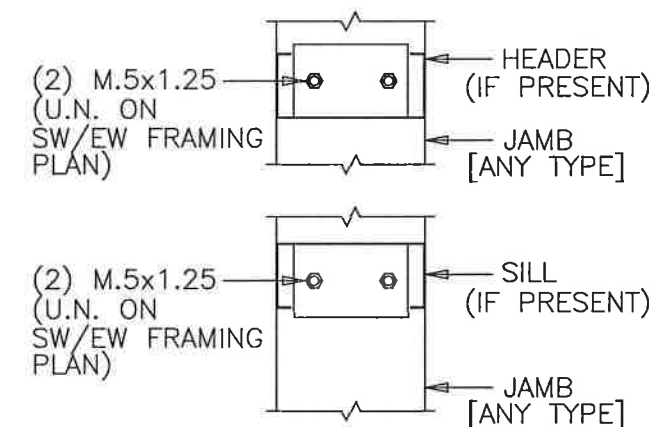
GIRTS TO JAMB

DETAIL (L8)



FRAMED OPENING JAMB TO GIRT

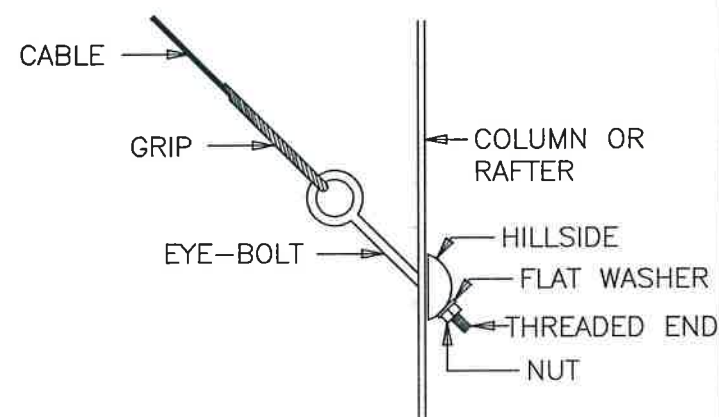
DETAIL (M3)



FRAMED OPENING HEADER/SILL TO JAMB

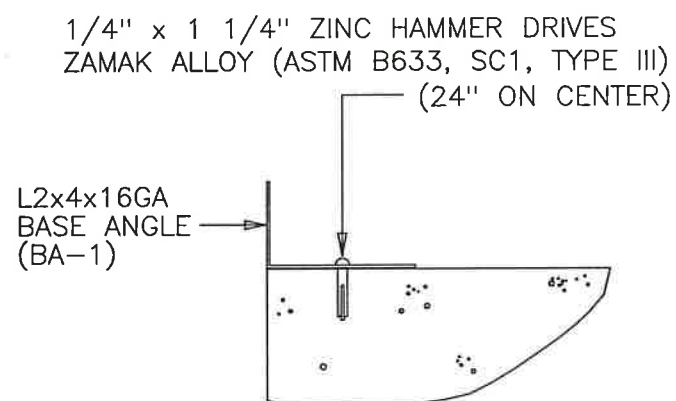
ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: FRAMING DETAILS				
DRAWING NO: PAGE 5.1	DRAWN BY: JTS	CHECKED BY: CH	SCALE: NON	

Q2 CABLE INSTALLATION DETAIL

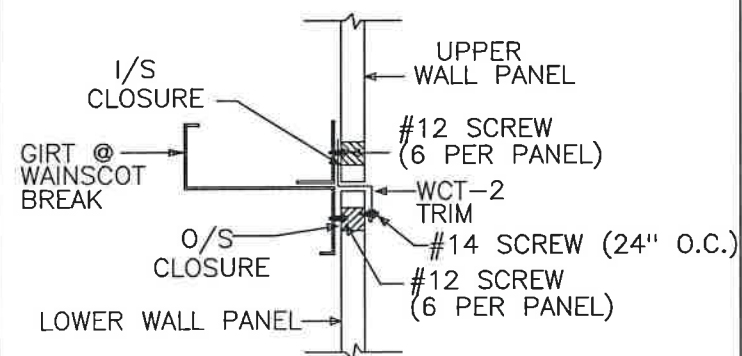


NOTE: WHEN FLUSH GIRTS/PURLINS ARE USED, FIELD SLOT GIRT OR PURLIN AS REQ'D FOR CABLE/ROD PASSAGE THROUGH PURLIN/GIRT.

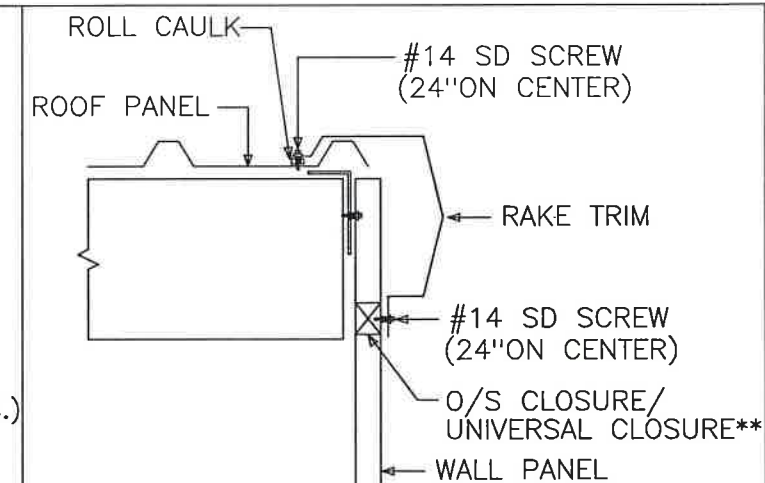
DETAIL T1



BASE ANGLE DETAIL



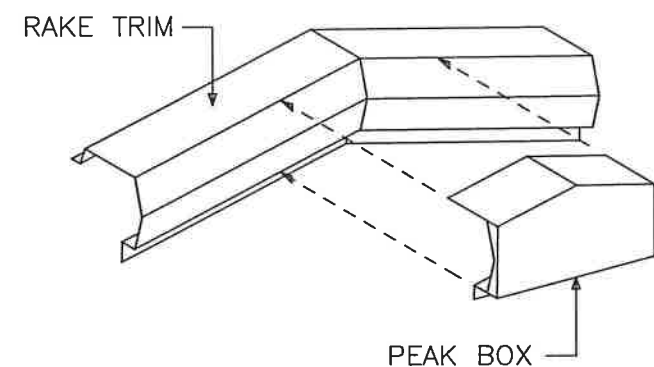
T18 SECTION @ WAINSCOT PANEL BREAK



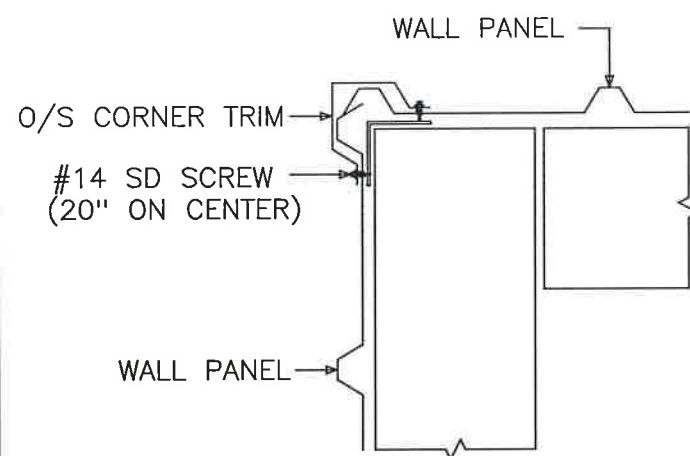
** - O/S CLOSURE FOR ROOF PITCHES UP TO 2:12"
UNIVERSAL CLOSURE FOR ROOF PITCHES ABOVE 2:12"

NOTE: FIELD CUT UNIVERSAL CLOSURES TO MATCH WALL
PANEL PROFILE (ON PITCH).

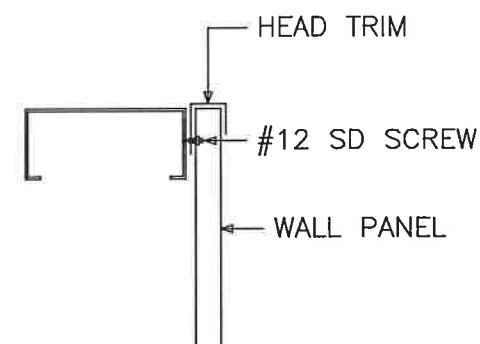
TRIM_3
RAKE TRIM DETAIL



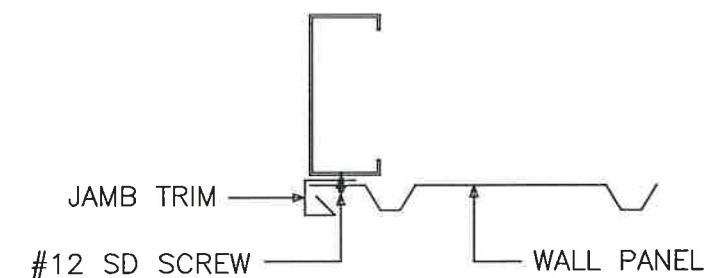
TRIM_4
PEAK BOX DETAIL



TRIM_5
O/S CORNER DETAIL

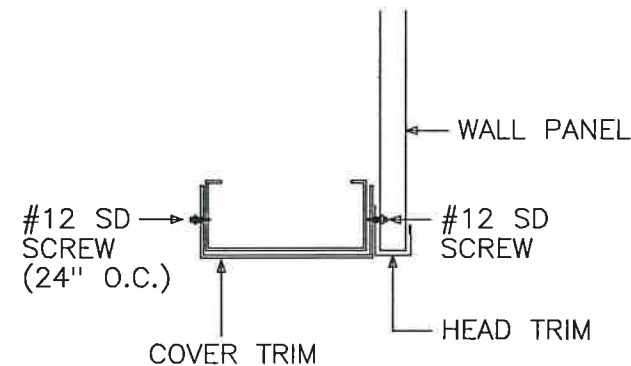


TRIM_7
HEAD TRIM DETAIL AT SILL



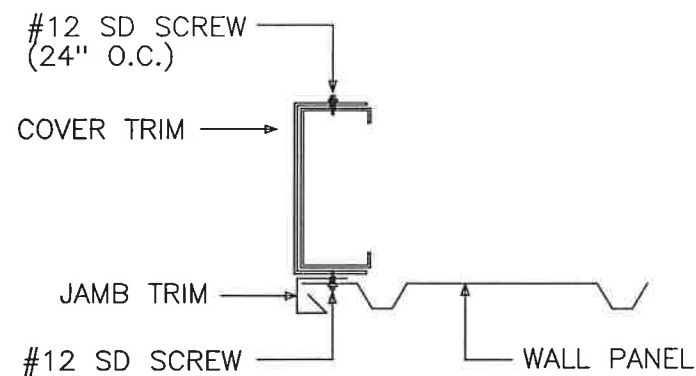
TRIM_8
JAMB TRIM DETAIL AT JAMB

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SUPERIOR METAL BUILDINGS, LLC.				
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LOCATION: MONTICELLO, FL 32344				
DRAWING NAME: FRAMING DETAILS				
DRAWING NO: PAGE 5.2	DRAWN BY: JTS		CHECKED BY: CH	SCALE: NONE



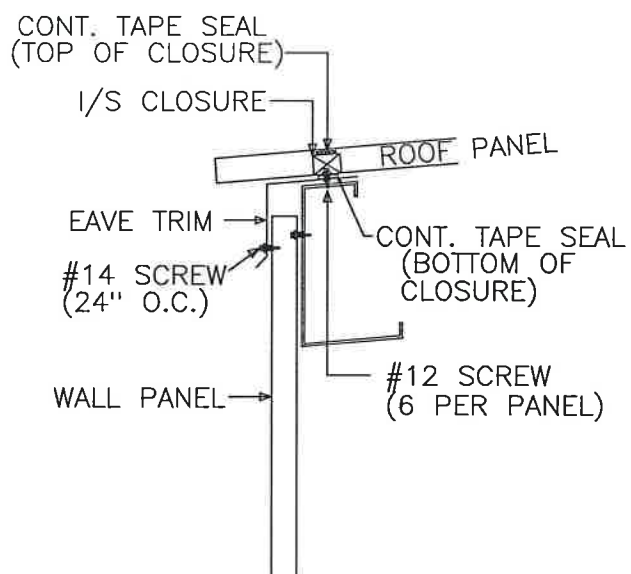
TRIM_10

COVER TRIM DETAIL AT HEADER



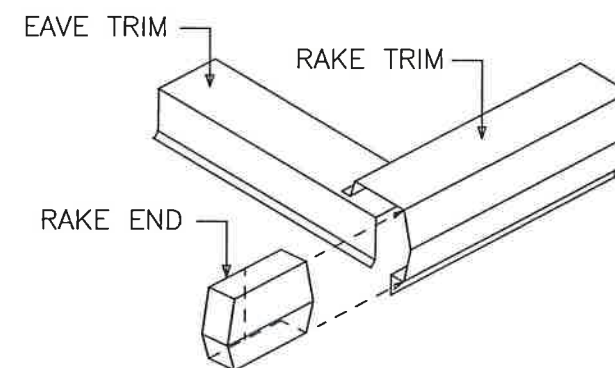
TRIM_11

COVER TRIM DETAIL AT JAMB



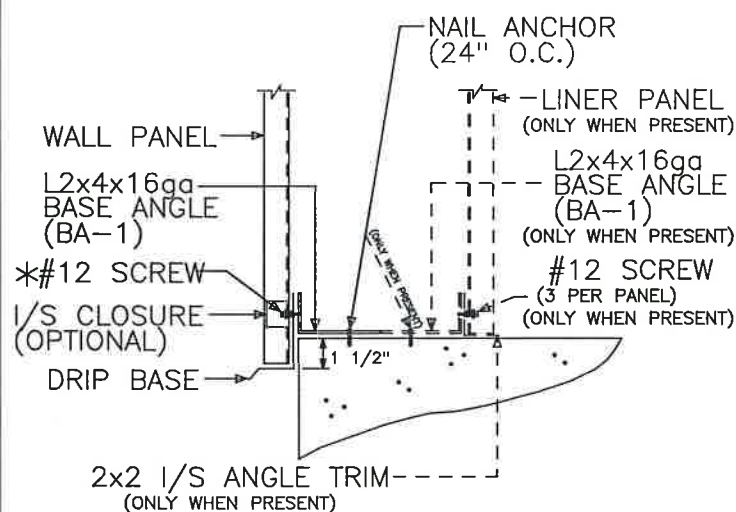
TRIM_12

EAVE TRIM DETAIL



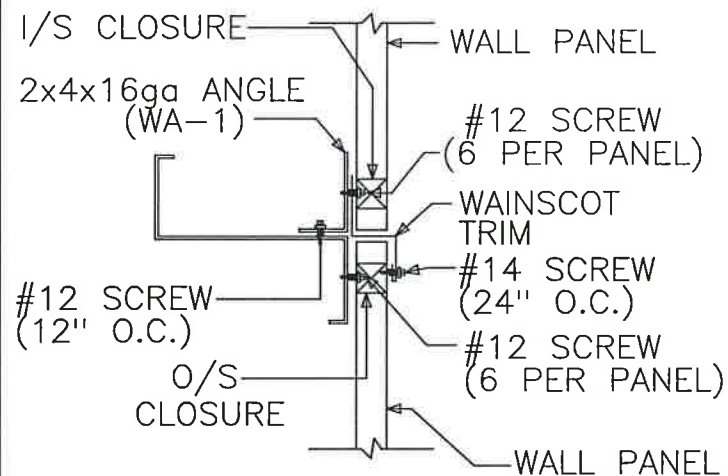
TRIM_13

RAKE END DETAIL



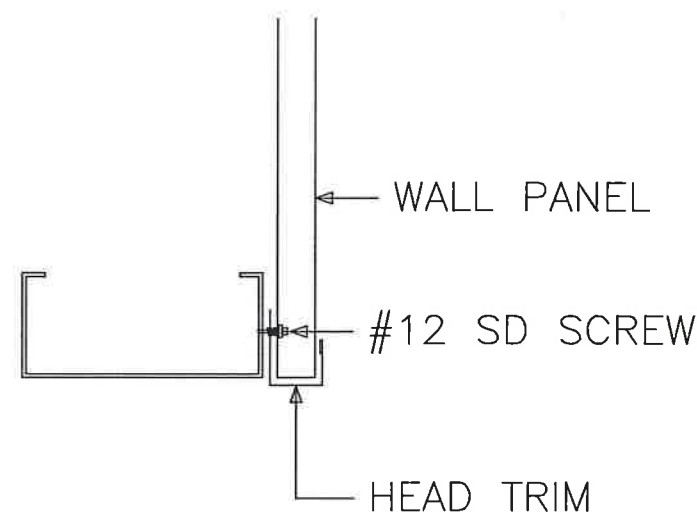
*= 6 PER PANEL FOR STANDARD PBR
3 PER PANEL FOR REV. ROLLED PBR

TRIM_16 BASE TRIM DETAIL



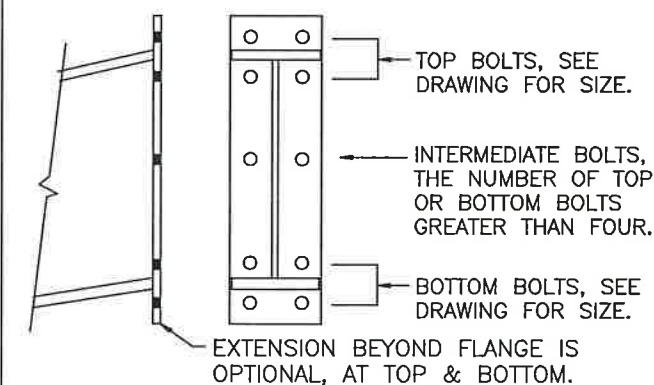
TRIM_20

WAINSCOT TRIM DETAIL



TRIM_61

HEAD TRIM DETAIL AT HEADER



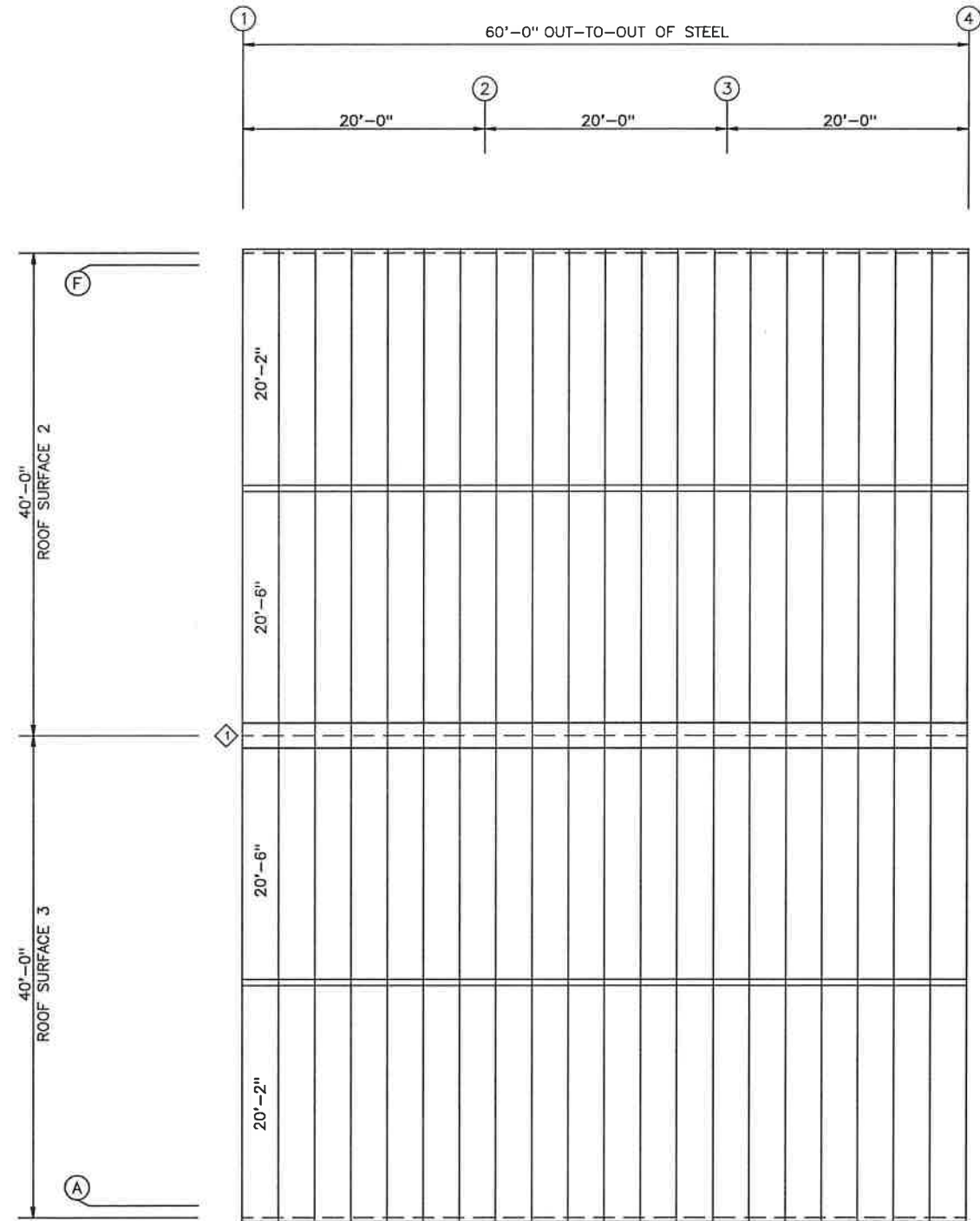
BOLTED END PLATE CONNECTION

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: FRAMING DETAILS				
DRAWING NO: PAGE 5.3	DRAWN BY: JTS		CHECKED BY: CH	SCALE: NON

<p>STRUCTURAL BOLTED CONNECTIONS</p> <p>REFER TO COVER PAGE "GENERAL NOTES" PARAGRAPH "C", SECTION "9" FOR INSTRUCTIONS ON TIGHTENING ALL A325 AND A490 CONNECTION BOLTS.</p> <p>TRIM NOTES:</p> <p>[1] SEAL TRIM SPLICES WITH TUBE CAULK.</p> <p>[2] SECURE GUTTER SPLICES AND END PLUGS WITH RIVETS.</p> <p>[3] SECURE ALL OTHER ROOF TRIM SPLICES WITH TRIM SCREWS UNLESS NOTED OTHERWISE.</p> <p>[4] TRIM SCREWS ARE LOCATED 24" ON CENTER UNLESS NOTED OTHERWISE.</p> <p>[5] STD. TRIM SPLICES ARE 3" TOTAL UNLESS NOTED OTHERWISE.</p>	<p>MORTISE PREPPED PERSONNEL DOORS</p> <p>ALL MORTISE PREPPED PERSONNEL DOORS COME AS RIGHTHAND REVERSED SWING.</p> <p>(i.e. STANDING ON THE OUTSIDE OF THE BUILDING FACING THE DOOR, THE LOCK WILL BE ON THE LEFTHAND SIDE OF THE DOOR AND THE DOOR WILL SWING OUTWARD FROM THE BUILDING.)</p> <p>ANY FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE ERECTOR AND MBM IS NOT LIABLE FOR LABOR CHARGES NOR DAMAGES DUE TO ERROR.</p>	<p>GENERAL SKYLIGHT NOTES</p> <p>1) LTP'S (LIGHT TRANSMITTING PANELS) SHALL NOT BE LOCATED END-TO-END AND SHALL NOT BE LOCATED SIDE-TO-SIDE. IT IS RECOMMENDED THAT A MINIMUM OF (3) METAL ROOF PANELS BE INSTALLED BETWEEN EACH LTP SIDELAP.</p> <p>2) METAL ROOF PANELS ARE NOT TO BE INSTALLED USING A SIMPLE-SPAN CONDITION. IT IS RECOMMENDED THAT A MIN. OF (3) ROOF FRAMING MEMBERS, PREFERABLY (4), SUPPORT ALL METAL ROOF PANELS WHERE ROOF PANELS HAVE BEEN CUT (FACTORY OR FIELD) TO ALLOW FOR LTP INSTALLATION.</p> <p>3) LTP'S SHALL NOT BE INSTALLED EAVE-TO-PEAK OR EAVE-TO-EAVE (ONE LTP PER SINGLE "RUN" OF SHEETING).</p> <p>4) BUILDINGS WITH LESS THAN ~60'-0" OF ROOF PANELS IN A SINGLE "RUN" TYPICALLY ARE ONLY ALLOWED (1) LTP PER "RUN".</p> <p>5) ANY INSTALLATIONS FOR LTP'S OUTSIDE OF THESE GUIDLINES AND THE DETAILS PROVIDED BY THE M.B.M. REMOVE SAID M.B.M. FROM ANY LIABILITIES OR FAULTS DESPITE CLAIMS AGAINST M.B.M.</p> <p>6) FOR ALL LTP'S PROVIDED BY M.B.M., LIGHT STONE FASTENERS WILL BE PROVIDED FOR A CLOSE MATCH TO LTP COLOR. THIS INCLUDES WALL & ROOF LTP'S.</p> <p>7) DO NOT STEP ON LTP'S ONCE THEY HAVE BEEN INSTALLED! STEPPING ON LPT'S AFTER INSTALLATION MAY RESULT IN INJURY OR DEATH!</p>
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BUILT-UP MEMBER LEGEND				
BEAM TYPE	BEAM DEPTH	FLANGE WIDTH	FLANGE THK.	WEB THK.
B	08	5	4	1
B= BUILT-UP	08 = 8" 10 = 10" 12 = 12" 14 = 14" ETC.	5,6,8,10 OR 12 (INCHES)	MEASURED IN 16ths. (4 = 1/4", 5 = 5/16" ETC.)	1 = 10ga 3 = 3/16" ETC.

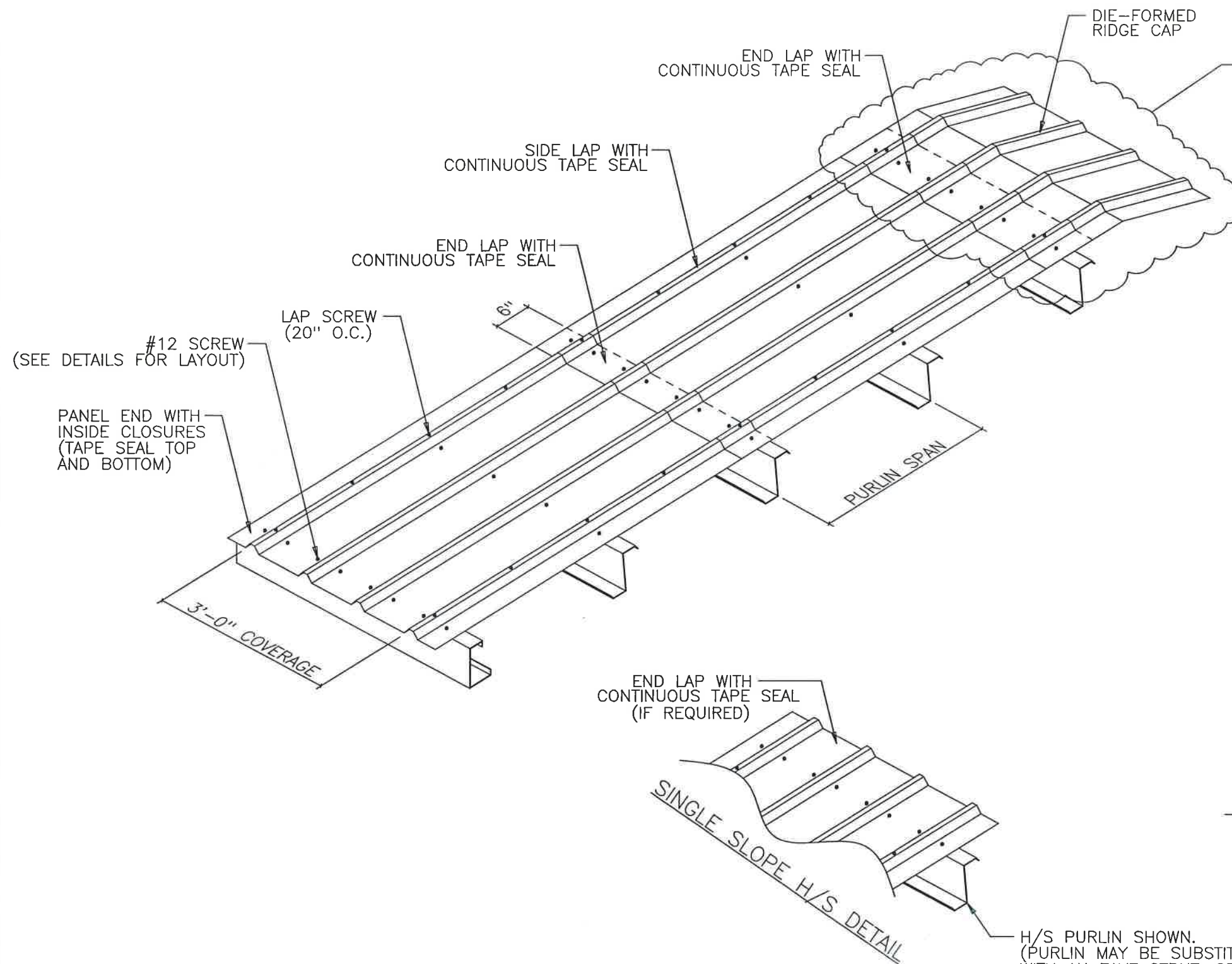
ISSUE	DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.			
CUSTOMER: SLABTOWN			
JOB NO: 9222R3		DATE: 5/22/25	
LOCATION: MONTICELLO, FL. 32344			
DRAWING NAME: FRAMING DETAILS			
DRAWING NO: PAGE 5.4	DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE



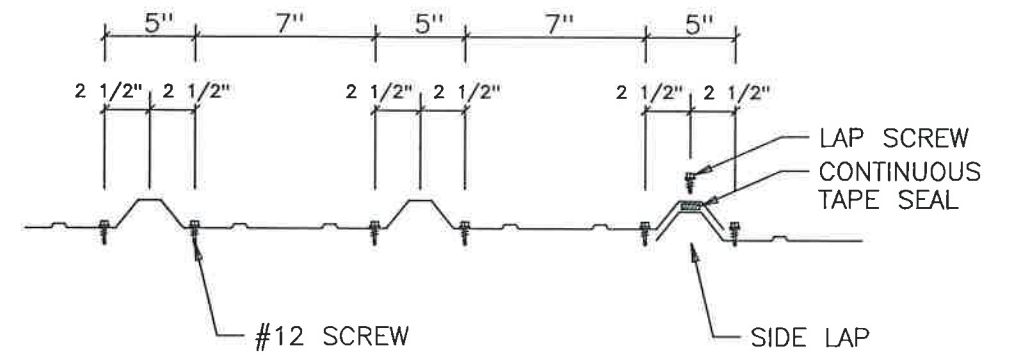
ROOF SHEETING PLAN
PANELS: 26 GA. PBR - GALVALUME

TRIM TABLE		
ROOF PLAN		
◇ ID	PART	LENGTH
1	D/F CAP6	3'-0"

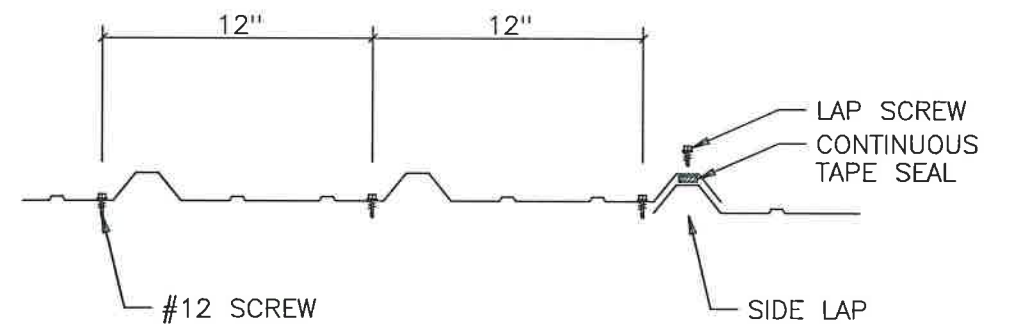
ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: ROOF PANELS & TRIM				
DRAWING NO: PAGE 6		DRAWN BY: JTS		CHECKED BY: CH
				SCALE: NONE



D/F RIDGE SHOWN (GABLED).
SEE BELOW FOR ALTERNATE
DETAIL TO BE VIEWED WHEN
BUILDING IS SINGLE SLOPED.



PANEL ATTACHMENT AT PANEL END
(PEAK PURLIN, EAVE STRUT, AND PANEL END LAPS)

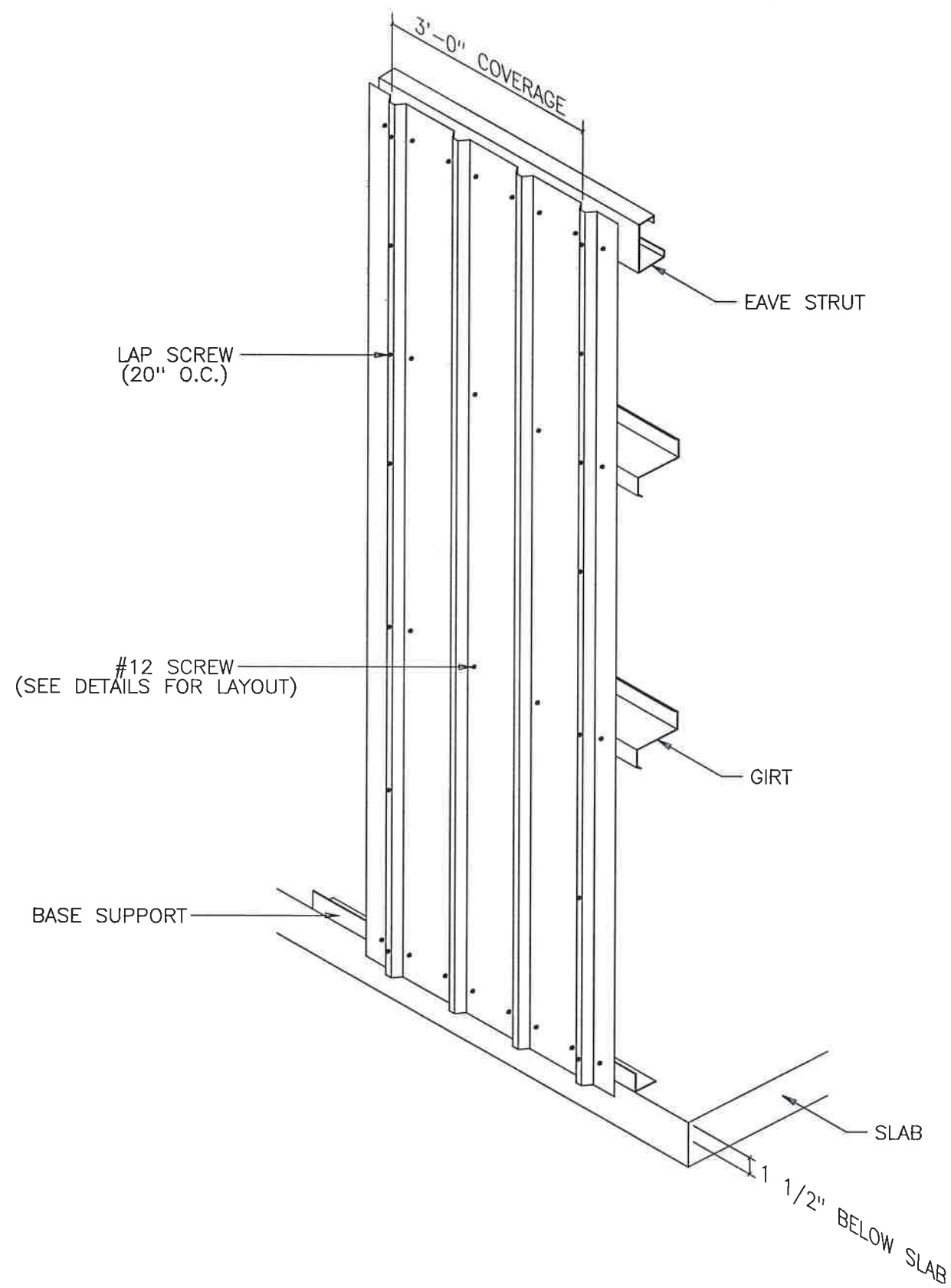


PANEL ATTACHMENT AT INTERMEDIATE MEMBERS

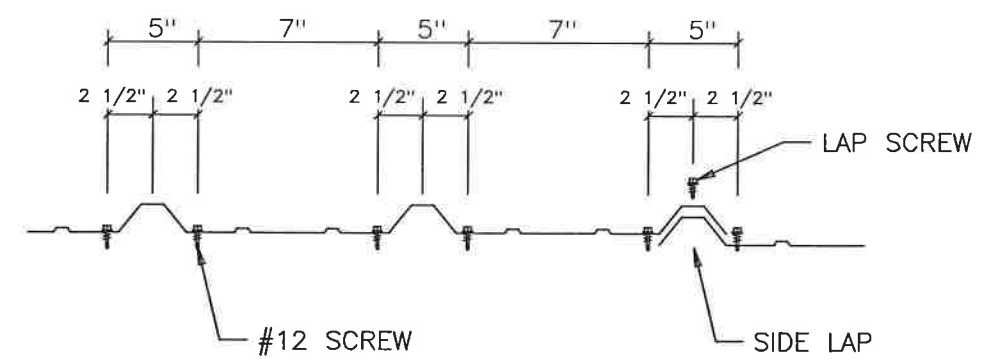
NOTES:

- [1] ALL END LAPS MUST BE A MINIMUM OF 6".
- [2] METAL SHAVINGS MUST BE SWEEPED FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [3] TAPE SEAL MUST BE APPLIED WITH NO GAPS OR BREAKS.
- [4] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.

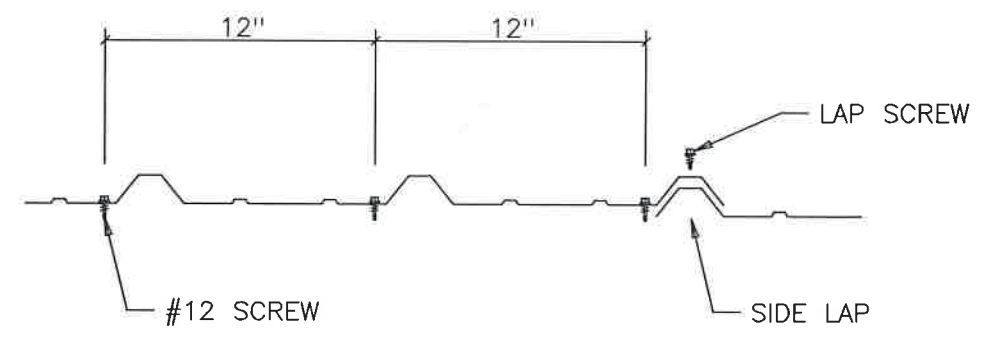
ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: ROOF PANEL DETAILS				
DRAWING NO: PAGE 6.1		DRAWN BY: JTS		CHECKED BY: CH
				SCALE: NONE



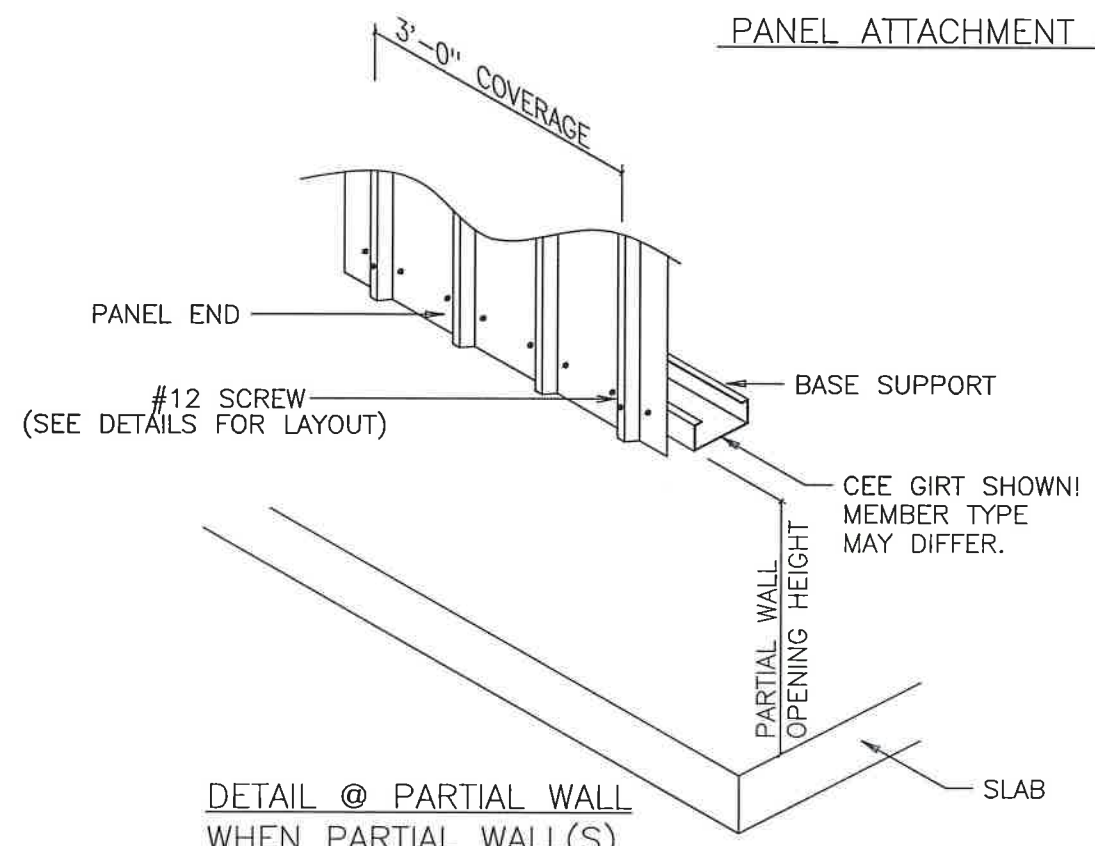
- NOTES:
- [1] METAL SHAVINGS MUST BE SWEEPED FROM THE WALL EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
 - [2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE GIRTS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.



PANEL ATTACHMENT AT PANEL END
(BASE, EAVE STRUT, HEADER, SILL, AND PANEL END LAPS)

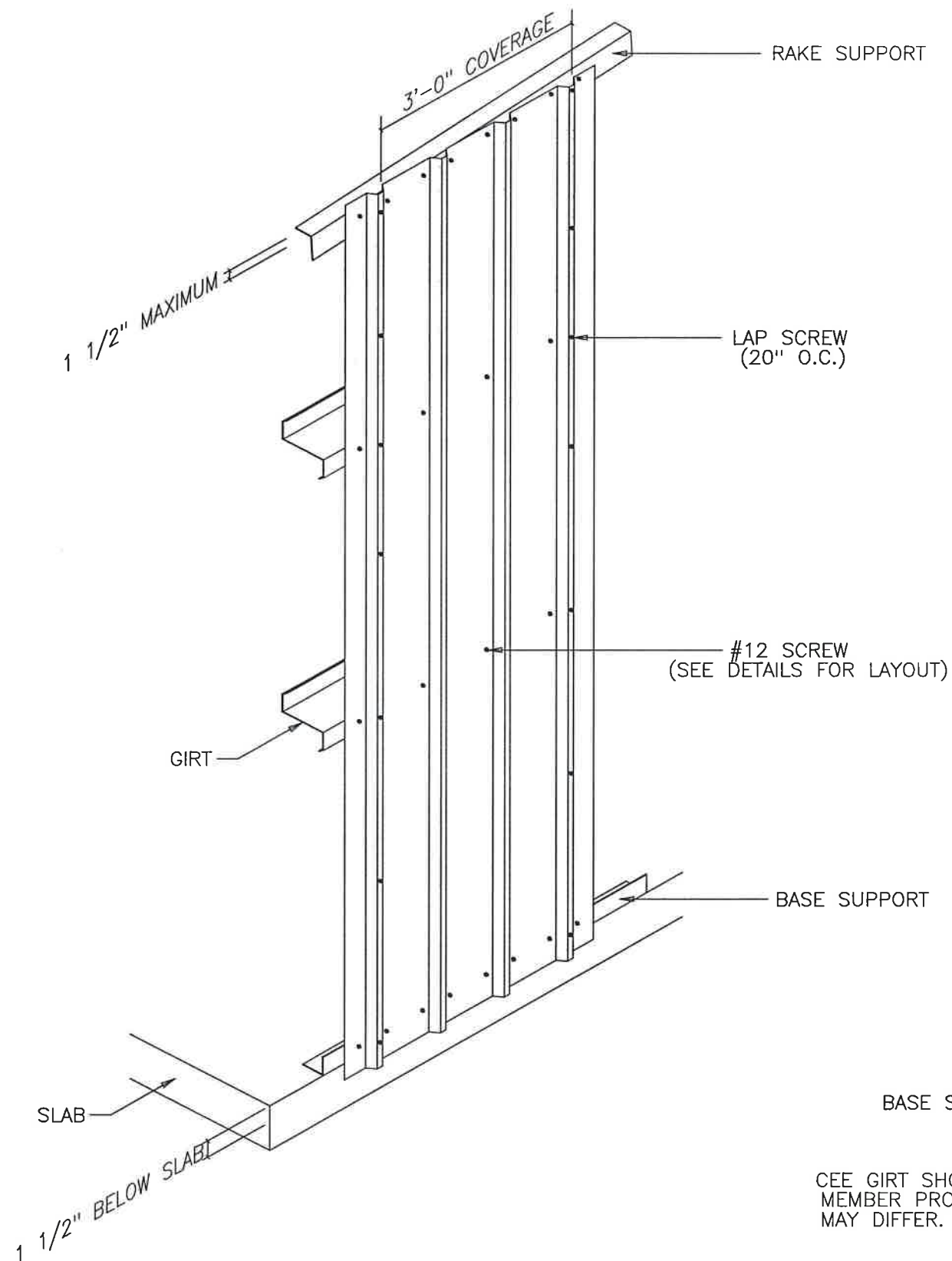


PANEL ATTACHMENT AT INTERMEDIATE MEMBERS

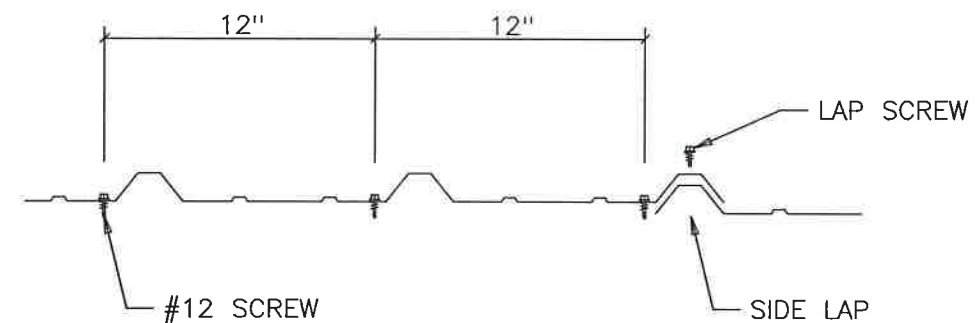
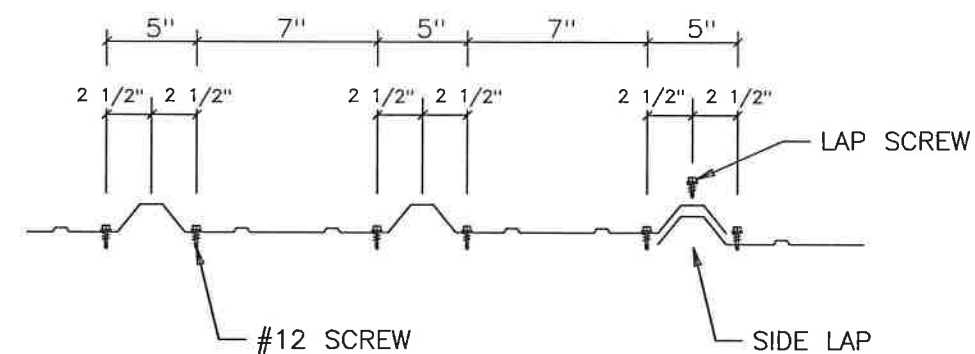


DETAIL @ PARTIAL WALL
WHEN PARTIAL WALL(S)
ARE PRESENT

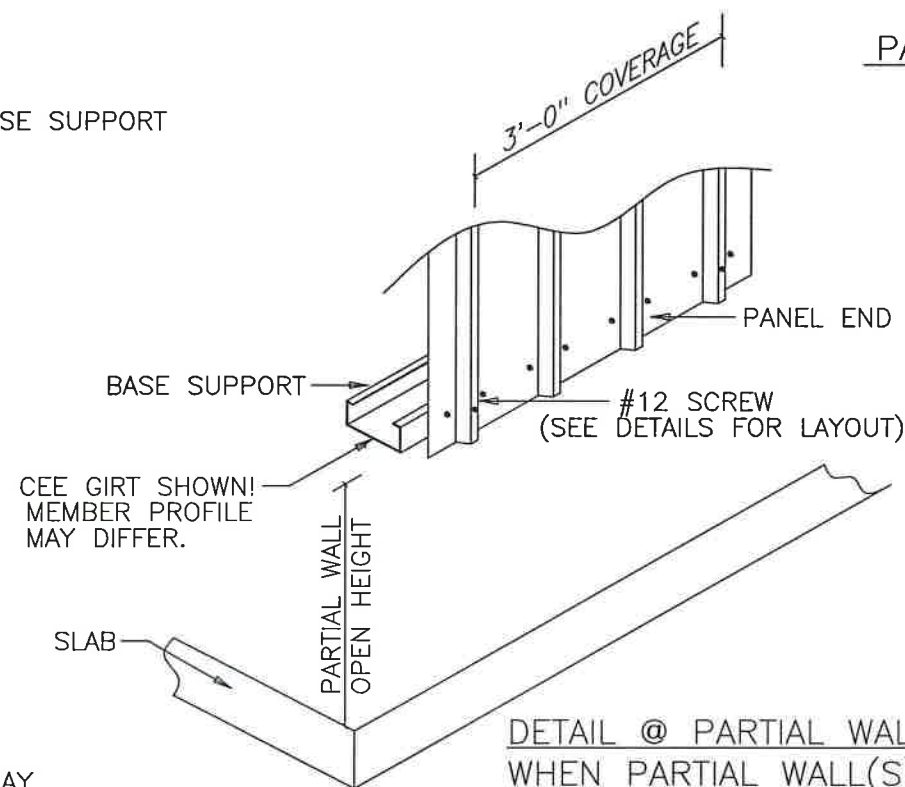
ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: SIDEWALL PANEL DETAILS				
DRAWING NO: PAGE 7		DRAWN BY: JTS		CHECKED BY: CH
				SCALE: NONE



PANEL ATTACHMENT AT PANEL END
(BASE, EAVE STRUT, HEADER, SILL, AND PANEL END LAPS)



PANEL ATTACHMENT AT INTERMEDIATE MEMBERS

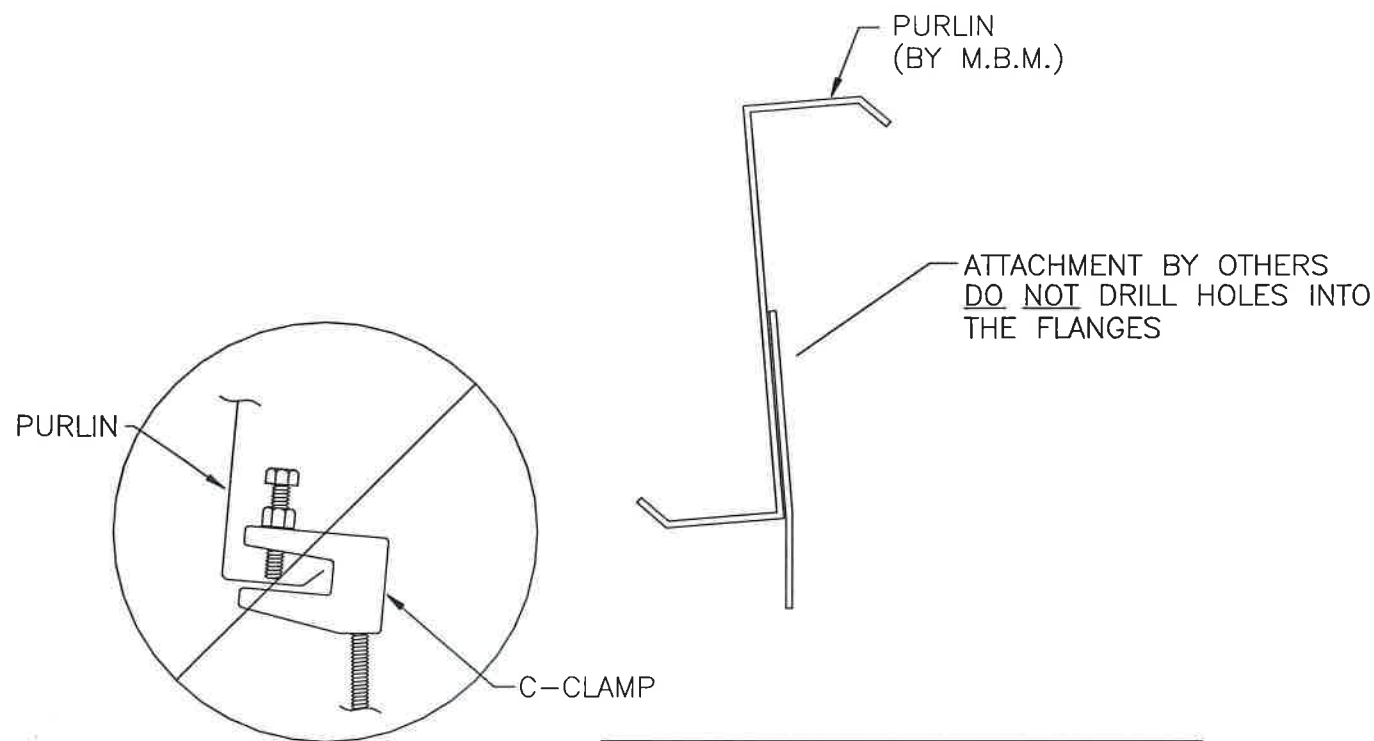


DETAIL @ PARTIAL WALL
WHEN PARTIAL WALL(S)
ARE PRESENT

NOTES:

- [1] METAL SHAVINGS MUST BE SWEEPED FROM THE WALL EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE GIRTS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.

ISSUE		DET	CHK	DATE
SUPERIOR METAL BUILDINGS, LLC.				
CUSTOMER: SLABTOWN				
JOB NO: 9222R3		DATE: 5/22/25		
LOCATION: MONTICELLO, FL 32344				
DRAWING NAME: ENDWALL PANEL DETAILS				
DRAWING NO: PAGE 8		DRAWN BY: JTS		CHECKED BY: CH
				SCALE: NON



Flange C-Clamp is not an acceptable connection

NOTE: M.B.M. only provides the roof purlin. All other material and hardware is by others.

Recommended Connection Detail

NOTE

MANY FACTORS BEYOND THE CONTROL OF THE METAL BUILDING SUPPLIER AFFECT THE ABILITY OF A PURLIN TO SAFELY SUPPORT HANGING LOADS COMBINED WITH OTHER REQUIRED ROOF LOADS. DUE TO THE VARIABLES INVOLVED IN HANGING LOADS AND THEIR ATTACHMENTS TO THE PURLINS, THE METAL BUILDING SUPPLIER CANNOT ASSURE THAT THE PURLINS FOR A PARTICULAR BUILDING PROJECT CAN SAFELY SUPPORT THE MAXIMUM ALLOWABLE HANGING LOADS IN COMBINATION WITH OTHER ROOF LOADS.

IT IS THE RESPONSIBILITY OF THE HANGER SYSTEM INSTALLER TO COORDINATE WITH THE ENGINEER OF RECORD FOR THE OVERALL PROJECT TO ENSURE A SAFE HANGING LOAD INSTALLATION. THE METAL BUILDING ENGINEER IS NOT THE ENGINEER OF RECORD FOR THE OVERALL PROJECT. WITHOUT SPECIFIC CERTIFICATION FOR INDIVIDUAL HANGING LOADS, THE NET EFFECTS OF APPLIED HANGER LOADS INSTALLED ON A PARTICULAR PURLIN SHALL NOT EXCEED THE NET EFFECTS OF THE CERTIFIED UNIFORMLY APPLIED DESIGN COLLATERAL LOAD.

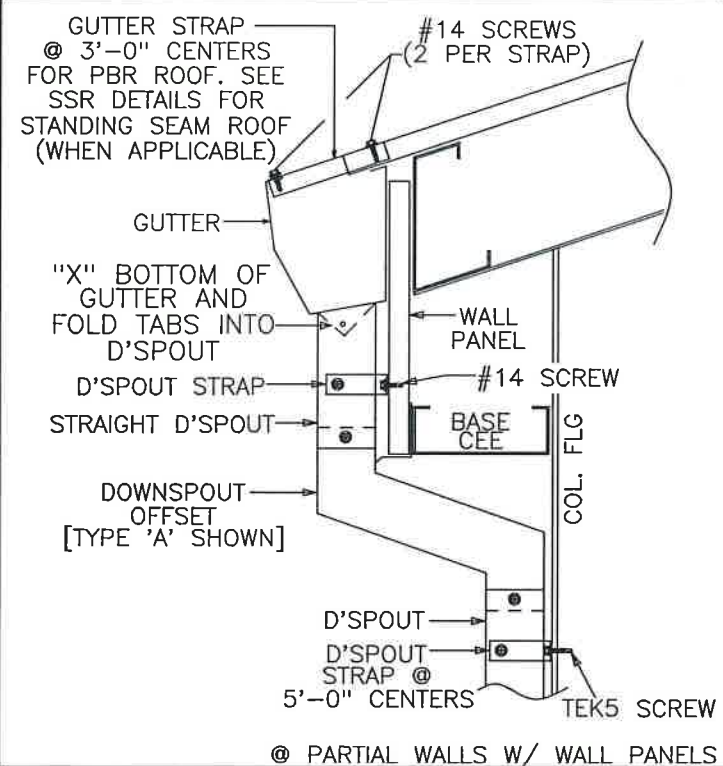
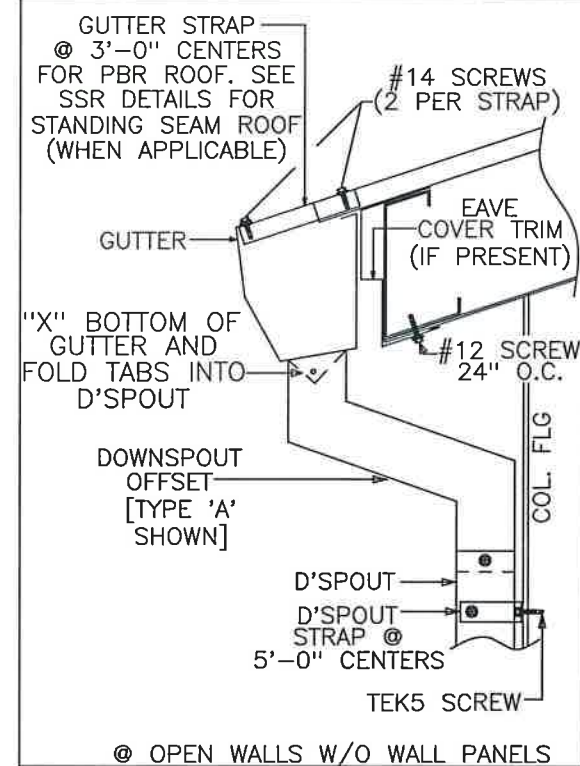
HANGING LOADS SHOULD NOT BE APPLIED TO THE PURLIN LIP. WHERE PERMISSIBLE, THE BEST PRACTICE FOR HANGING LOADS IS TO ATTACH TO THE PURLIN WEB USING A BOLT AND NUT, OR SELF-DRILLING SCREWS.

HANGING UNIFORM LOADS SUCH AS SPRINKLER MAINS OR HVAC EQUIPMENT SHOULD BE DISTRIBUTED OVER SEVERAL PURLINS, AND SHOULD NEVER EXCEED THE COLLATERAL LOAD ALLOWANCE FOR THE ROOF SYSTEM. FOR UNIFORM LOADS THAT RUN PARALLEL TO THE PURLINS, IT MAY BE NECESSARY TO USE TRANSVERSE SUPPORT CHANNELS(A.K.A. TRAPEZE BEAMS) ATTACHED TO THE WEBS OR FLANGES OF ADJACENT PURLINS TO SPREAD THE LOAD BETWEEN TWO OR MORE PURLINS. IN SUCH CASES, CONTACT THE BUILDING MANUFACTURER OR A LOCAL PROFESSIONAL ENGINEER PRIOR TO ATTEMPTING TO HANG LOADS FROM THE PURLINS

DO NOT INSTALL GUTTER WITH OUTSIDE FACE PERPENDICULAR TO THE GROUND.

INSTALL GUTTER WITH OUTSIDE FACE PERPENDICULAR TO THE ROOF.

GUTTER INSTALLATION DETAIL
(ONLY IF PROVIDED)



NOTE: REGARDLESS OF DOWNSPOUT OFFSET SCENARIO, TEK5 SCREWS MUST BE USED TO ATTACH DOWNSPOUT STRAPS TO PEMB FRAMING. WHEN WALL PANELS SPAN FROM GROUND TO EAVE (FULL SPAN), #14 SCREWS WILL BE USED TO ATTACH DOWNSPOUT STRAPS TO WALL PANELS.

ISSUE		DET	CHK	DATE
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LOCATION: MONTICELLO, FL. 32344				
DRAWING NAME: SPECIAL DETAILS				
DRAWING NO: PAGE 9		DRAWN BY: JTS	CHECKED BY: CH	SCALE: NONE