

BUILDER / CONTRACTOR RESPONSIBILITIES

- IT IS THE RESPONSIBILITY OF THE BUILDER/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 MBMI METAL BUILDINGS OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.
- THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED.
- APPROVAL OF MBMI METAL BUILDINGS DRAWINGS AND CALCULATIONS INDICATE THAT MBMI METAL BUILDINGS CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (AISC CODE OF STANDARD PRACTICES, 15TH ED.)
- WHERE DISCREPANCIES EXIST BETWEEN MBMI METAL BUILDINGS STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (AISC CODE OF STANDARD PRACTICE 15TH ED.)
- DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY MBMI METAL BUILDINGS ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN MBMI METAL BUILDINGS ENGINEERS UNLESS SPECIFICALLY INDICATED.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH MBMI METAL BUILDINGS "FOR CONSTRUCTION" DRAWINGS.
- ALL BRACING AS SHOWN AND PROVIDED BY MBMI METAL BUILDINGS FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.
- 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. (AISC CODE OF STANDARD PRACTICE, 15TH ED.)
- MBMI METAL BUILDING STANDARD SPECIFICATIONS APPLY UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS. MBMI DESIGN, FABRICATION, QUALITY CRITERIA, STANDARDS, PRACTICE, METHODS, AND TOLERANCES SHALL GOVERN THE WORK ANY OTHER INTERPRETATIONS TO THE CONTRARY NOTWITHSTANDING. IT IS UNDERSTOOD BY BOTH PARTIES THAT THE CUSTOMER IS RESPONSIBLE FOR CLARIFICATIONS OF INCLUSIONS OR EXCLUSIONS FROM THE ARCHITECTURAL PLANS.
- ANCHOR BOLTS AND FOUNDATION BOLTS ARE DESIGNED, FURNISHED, AND SET BY THE CUSTOMER IN ACCORDANCE WITH AN APPROVED DRAWING. DIMENSIONAL ACCURACY SHALL SATISFY THE REQUIREMENTS OF SECTION 7.5.1 OF "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" IN THE AISC MANUAL.
- MBMI DOES NOT INVESTIGATE THE INFLUENCE OF THE METAL BUILDING SYSTEM ON EXISTING BUILDINGS OR STRUCTURES. THE END CUSTOMER ASSURES THAT SUCH BUILDINGS AND STRUCTURES ARE ADEQUATE TO RESIST SNOW DRIFTS, WIND LOADS, OR OTHER CONDITIONS AS RESULT OF THE PRESENCE OF THE METAL BUILDING SYSTEM.
- NORMAL ERECTION OPERATIONS INCLUDE THE CORRECTION OF MINOR MISFITS BY MODERATE AMOUNTS OF REAMING, CHIPPING, OR CUTTING AND THE DRAWING OF ELEMENTS INTO LINE THROUGH THE USE OF DRIFT PINS. ERRORS WHICH REQUIRE MAJOR CHANGES IN THE MEMBER CONFIGURATION ARE TO BE REPORTED IMMEDIATELY TO MBMI BY THE CUSTOMER TO ENABLE WHOEVER IS RESPONSIBLE TO EITHER CORRECT THE ERROR OR APPROVE THE MOST EFFICIENT AND ECONOMIC METHOD OF CORRECTION TO BE USED ("CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" IN THE AISC MANUAL; SECTION 7.12).
- ALL DOCUMENTATION AND RECORDS SHALL BE THE RESPONSIBILITY OF THE CUSTOMER.
- ANY CLAIMS OR SHORTAGES BY THE BUYER MUST BE MADE TO MBMI WITHIN SEVEN (7) WORKING DAYS AFTER DELIVERY, OR SUCH CLAIMS WILL BE CONSIDERED TO HAVE BEEN WAIVED BY THE CUSTOMER AND DISALLOWED.
- CLAIMS FOR CORRECTION OF ALLEGED MISFITS WILL BE DISALLOWED UNLESS MBMI SHALL HAVE RECEIVED PRIOR NOTICE THEREOF AND ALLOWED REASONABLE INSPECTION OF SUCH MISFITS. ORDINARY INACCURACIES OF SHOP WORK SHALL NOT BE CONSTRUED AS MISFITS. NO PART OF THE BUILDING MAY BE RETURNED OR CHARGES ASSESSED FOR ALLEGED MISFITS WITHOUT PRIOR APPROVAL FROM MBMI.
- NEITHER MBMI NOR THE CUSTOMER WILL CUT, DRILL, OR OTHERWISE ALTER THEIR WORK, OR WORK OF OTHER TRADES TO ACCOMMODATE OTHER TRADES UNLESS SUCH WORK IS CLEARLY SPECIFIED IN THE CONTRACT DOCUMENTS. WHENEVER SUCH WORK IS SPECIFIED THE CUSTOMER IS RESPONSIBLE FOR FURNISHING COMPLETE INFORMATION AS TO MATERIALS, SIZE, LOCATION AND NUMBER OF ALTERATIONS PRIOR TO THE PREPARATION OF SHOP DRAWINGS.

NAEEM AKHTER, P.E.
CONSULTING STRUCTURAL ENGINEER

10404 W 154th STREET
OVERLANDPARK, KS 66221
TEL.: 913-685-2015

ERECTOR NOTE
ONLY USE DRAWINGS ISSUED
"FOR CONSTRUCTION" TO ERECT BUILDING

MBMI

METAL BUILDINGS

DRAWING COVER SHEET FOR:

CUSTOMER: FELIPE CAMPOS

ADDRESS: 1567 FERENDINA DRIVE
DELTONA, FL 32725

PHONE: 787-399-5557 FAX: _____

PROJECT: FELIPE CAMPOS

LOCATION: DELTONA, FL 32725

GENERAL NOTES

- MATERIALS:**
HOT ROLLED BAR Fy = 50 ksi MIN.
STRUCTURAL STEEL SHEET Fy = 50 ksi MIN.
STRUCTURAL STEEL PLATE Fy = 50 ksi MIN.
COLD FORMED SHAPES Fy = 55 ksi MIN.
ROOF AND WALL SHEETING Fy = 80 ksi MIN. 26GA.
ROOF AND WALL SHEETING Fy = 50 ksi MIN. 24GA.
BOLTS A307 AND A325
MBMI METAL BUILDINGS RESERVES THE RIGHT TO SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.
- A325 BOLT TIGHTENING REQUIREMENTS**
ALL HIGH STRENGTH BOLTS ARE A325 UNLESS NOTED OTHERWISE. HIGH STRENGTH BOLTS SHALL BE TIGHTENED BY THE "TURN OF THE NUT" METHOD IN ACCORDANCE WITH THE LATEST EDITION AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". A325 BOLTS SHALL BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE "TURN OF THE NUT" METHOD. ALL BOLTED CONNECTIONS, FOR SHEAR / BEARING CONNECTION TYPE WITH BOLT THREADS EXCLUDED FROM THE SHEAR PLANE SHALL BE SNUG TIGHT ONLY.
- ALL STRUCTURAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.
- PRE-FORMED CLOSURE STRIPS ARE PROVIDED AT THE EAVE BENEATH THE ROOF SHEETS AND AT THE ENDWALLS BETWEEN THE RAKE TRIM AND THE ENDWALL SHEETS.
- BUILDING DESIGN AS PER METAL BUILDING SYSTEMS MANUAL 2019.
- WALL AND LINER PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. UNAUTHORIZED REMOVAL OF PANELS OR CUTTING PANELS FOR FRAMED OPENINGS NOT SHOWN IS PROHIBITED.
- OIL-CANNING, A PERCEIVED WAVINESS INHERENT TO LIGHT GAUGE METAL, MAY EXIST. THIS CONDITION DOES NOT AFFECT THE STRUCTURAL INTEGRITY OR THE FINISH, AND THEREFORE IS NOT A CAUSE FOR REJECTION.
- ANY TYPE OF SUSPENDED OR LOAD INDUCING SYSTEM(S) IS PROHIBITED IF ZERO COLLATERAL LOAD IS DESIGNATED ON THE CONTRACT. THIS WOULD INCLUDE LIGHTS, DUCT WORK, PIPING, AND INSULATION TYPES OTHER THAN 3" STANDARD DUTY FIBERGLASS BLANKET INSULATION, ECT.
- LIGHT TRANSMITTING PANELS ARE NOT DESIGNED OR INTENDED TO BEAR THE WEIGHT OF ANY PERSON WALKING. STEPPING, STANDING OR RESTING ON THEM.
- ANCHOR BOLTS - PER MBMA GUIDLINES, MBMI DESIGNS THE DIAMETER, PLACEMENT PATTERN, AND PROJECTION OF THE ANCHOR BOLTS ONLY. FOUNDATION DESIGN CONSIDERATIONS, INCLUDING BOLT EMBEDMENT LENGTH AND MINIMUM EDGE DISTANCE, ARE DETERMINED BY AND ARE THE RESPONSIBILITY OF THE FOUNDATION ENGINEER OR OTHERS, NOT MBMI
- ERECTION DRAWINGS ARE NOT TO SCALE UNLESS NOTED.

BUILDING INFORMATION:

BUILDING SPAN: 60.0000
BUILDING LENGTH: 80.0000
EAVE HEIGHT: 16.00 / 16.00
ROOF PITCH: 2.0:12

BUILDING COLORS:

GABLE/EAVE: Black
JAMB: Black
BASE: Black
CORNER: Black
GUTTER: _____
DOWNSPOUT: _____
PRIMARY FRAMING: Red Oxide
SECONDARY FRAMING: Red Oxide

DESIGN LOADS:

DESIGN CODE/ED.: FBC 23 (8TH EDITION)
LIVE LOAD (ROOF) 20.00 P.S.F.
DEAD LOAD(ROOF) 2.00 P.S.F.
SNOW LOAD(ROOF) 0.00 P.S.F.
WIND LOAD 140 M.P.H.
EXPOSURE: B
SEISMIC ZONE: B
SEISMIC COEF.: 0.100
COLLATERAL LOAD 1.00 P.S.F.
IMPORTANCE FACTORS:
WIND: lw= 1.00
SEISMIC: le= 1.00
SNOW: ls= 1.00

SHEETING INFORMATION:

ROOF COVER: Super Span X COLOR: Galvalume Plus GA: 26
WALL COVER: Super Span X COLOR: Patriot Red GA: 26
LINER PANEL: _____ COLOR: _____ GA: _____
GABLE SOFFIT: _____ COLOR: _____ GA: _____
EAVE SOFFIT: _____ COLOR: _____ GA: _____

APPROVAL NOTES

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

- IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:
A. BE MADE IN CONTRASTING INK.
B. HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED.
C. BE LEGIBLE AND UNAMBIGUOUS.
- DATED SIGNATURE IS REQUIRED ON ALL PAGES.
- MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.
- APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT MBMI METAL BUILDINGS 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.
- 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.
- IT IS THE RESPONSIBILITY OF THE CUSTOMER TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION.
- FAILURE TO RESPOND TO CLOUDED AREAS AND AREAS TO VERIFY MAY RESULT IN ADDITIONAL COST AND/OR SCHEDULE DELAYS FOR WHICH MBMI WILL NOT BE RESPONSIBLE.
- ANY CHANGES MADE AFTER THE MBMI CUSTOMER HAS SIGNED AND RETURNED THE APPROVAL DRAWINGS AND THE PROJECT IS RELEASED FOR FABRICATION SHALL BE BILLED TO THE CUSTOMER INCLUDING MATERIAL, ENGINEERING, AND OTHER COST.

WARNING: IN NO CASE SHOULD GALVALUME STEEL PANELS BE 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.

ACCESSORIES
DESCRIPTION
3 - 3040 WINDOW FRAMED OPENINGS (FIELD LOCATED)
2 - 3070 FRAMED OPENINGS (FIELD LOCATED)
4 - 12'-0" x 12'-0" FRAMED OPENINGS

DRAWING STATUS	REVISIONS			
	NO.	DATE	DESCRIPTION	DET/CHK
<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. FOR PERMIT: <input checked="" type="checkbox"/> 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: <input type="checkbox"/> FINAL DRAWINGS.	A	9/11/24	FOR APPROVAL	CER/CER
	B	9/16/24	REVISED; FOR APPROVAL	CER/CER
	O	10/ 7/24	FOR PERMIT	KR CER



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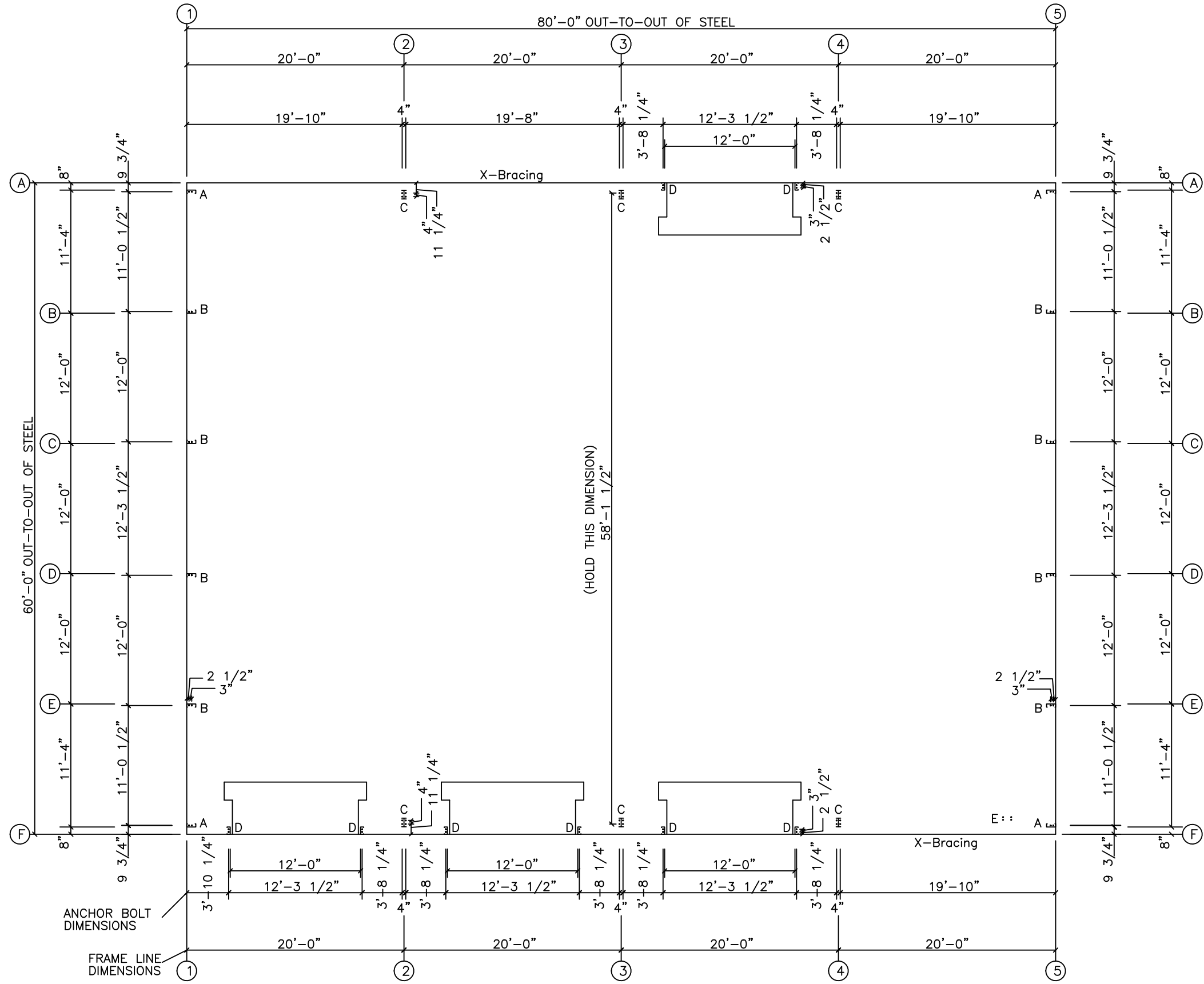
4723 W ATLANTIC AVE, STE A20
DELRAY BEACH, FL 33445

(800) 293-2097
www.mbmi.biz

JOB NO.
29258

◆ Dia= 5/8"

⊕ Dia= 3/4"



ANCHOR BOLT PLAN
 NOTE: All Base Plates @ 100'-0" (U.N.)

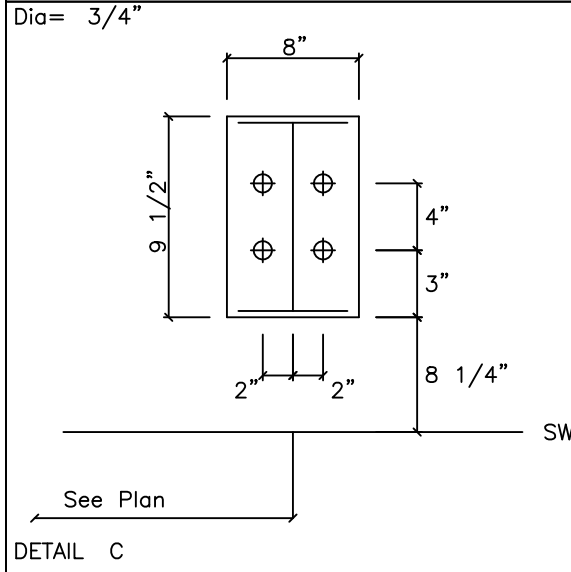
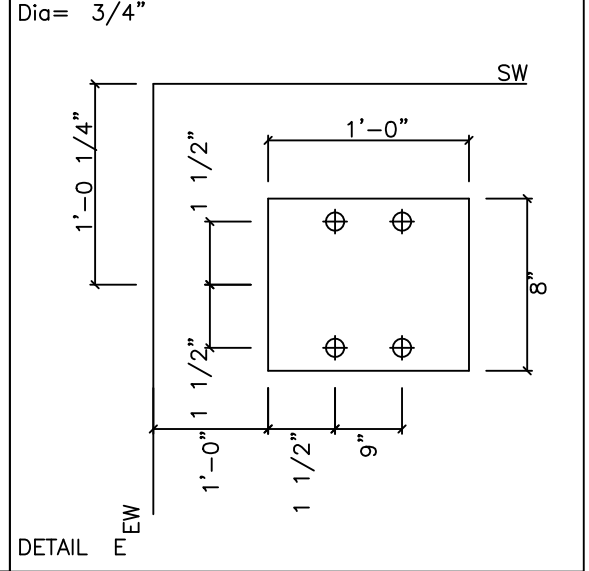
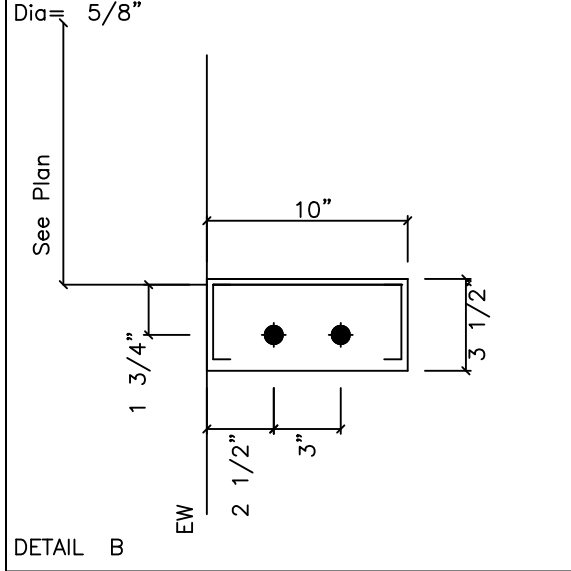
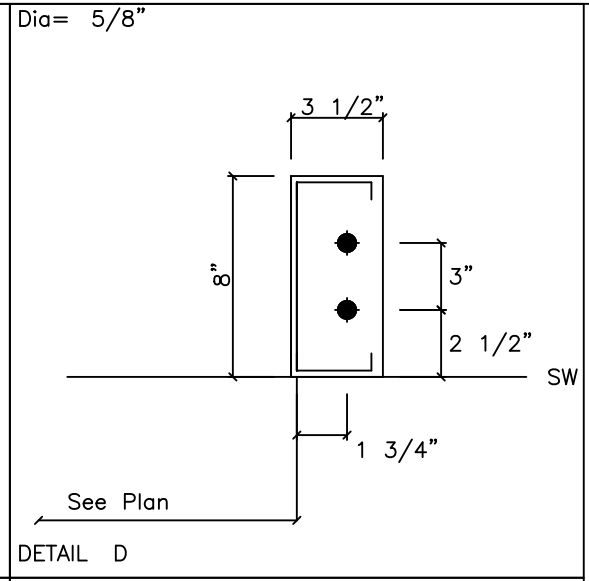
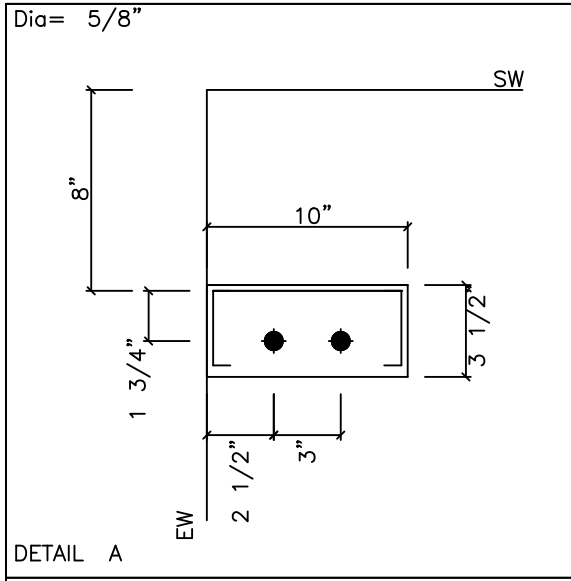
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

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B	9/16/24	REVISED; FOR APPROVAL	CER/CER
0	10/ 7/24	FOR PERMIT	KR/CER

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FELIPE CAMPOS	
FELIPE CAMPOS 265 ENTERPRISE ROAD DELTONA, FL 32725	
DATE 10/ 7/24	DWG NO 1 OF 10
ANCHOR BOLT PLAN	
JOB NO 29258	



ADDITIONAL NOTES ON WIND LOADS FOR FLORIDA BUILDING CODE

COMPONENT & CLADDING WIND PRESSURES (COMBINED)			
PRESSURE	SUCTION	SUCTION_R	LOCATION
21.6	-23.8		COLUMN
21.6	-23.8		GIRT/HEADER
26.7	-28.9		WALL PANEL
21.6	-23.8		JAMB
16.0	-21.2		PURLIN
19.3	-53.9		ROOF PANEL
17.3	-3.2	-20.6	ROOF BRACING

INTERNAL PRESSURE COEFFICIENTS PER TABLE 26.13-1, ASCE 7-22		
BUILDING TYPE	PRESSURE COEFFICIENTS	
OPEN	0.0	
PARTIALLY ENCLOSED	+0.55	-0.55
ALL OTHER ENCLOSED BUILDINGS	+0.18	-0.18

THE LOW RISE BUILDING WIND PRESSURE FOR THE MAIN WIND FORCE RESISTING SYSTEM IS GIVEN IN CHAPTER 28 OF ASCE 7-22

FLORIDA PRODUCT APPROVAL NUMBERS

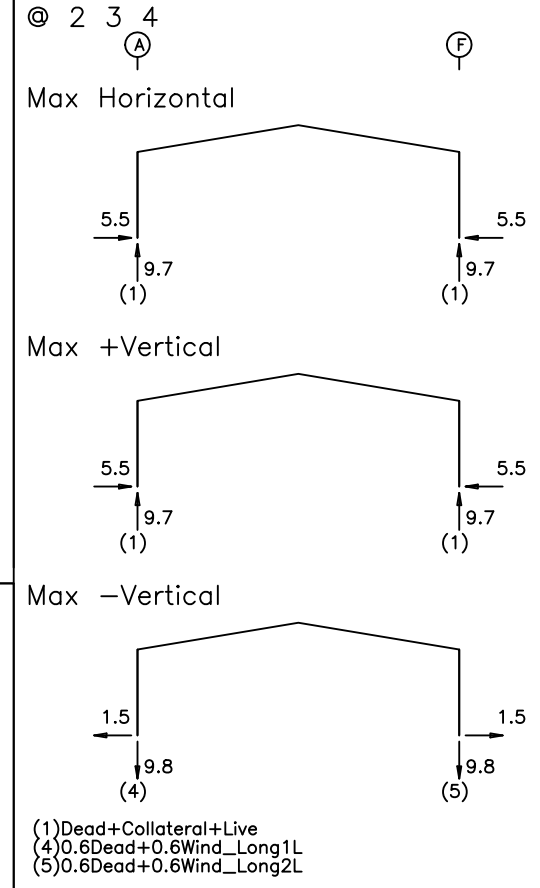
PANEL NAME	GA.	FL #
SUPER SPAN X WALL PANEL	24	17702.1
7.2 WALL PANEL	26	17702.2
LOW SPAN X WALL PANEL	26	17702.3
SUPER SPAN X WALL PANEL	26	17702.4
LOW RIB X ROOF PANEL	26	17700.1
SUPER SEAM II ROOF PANEL	24	17700.3
SUPER SEAM PLUS ROOF PANEL	24	17700.4
SUPER SPAN X ROOF PANEL	26	17700.5
SUPER SPAN X ROOF PANEL	24	17700.6
WEATHER LOK ROOF PANEL	24	17704.3
SUPER SPANX DADE COUNTY PANEL	24	NOA#16-0211.04

FLORIDA 3070 DOOR (NON MIAMI DADE/BROWARD COUNTY)	17900.1
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NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- Building reactions are based on the following building data:
 - Width (ft) = 60.0
 - Length (ft) = 80.0
 - Eave Height (ft) = 16.0/ 16.0
 - Roof Slope (rise/12) = 2.00/ 2.00
 - Roof Dead Load (psf) = 2.0
 - Wall Dead Load (psf) = 3.0
 - Left Endwall (psf) = 3.0
 - Right Endwall (psf) = 3.0
 - Front Sidewall (psf) = 3.0
 - Back Sidewall (psf) = 3.0
 - Roof Live Load (psf) = 20.0
 - Frame Live Load (psf) = 12.0
 - Collateral Load (psf) = 1.0
 - Wind Speed (mph) = 140.0
 - Wind Code = FBC 23 (IBC 24)
 - Exposure = B
 - Closure = Enclosed
 - Internal Wind Coeff = -0.18, +0.18
 - Risk Category = -
 - Importance - Wind = 1.00
 - Importance - Seismic = 1.00
 - Seismic Design Category = B
 - Seismic Coeff (Sms) = 0.10

RIGID FRAME REACTIONS (k)



GENERAL NOTES

- Foundation design and construction are not the responsibility of the steel building manufacturer.
- The building reaction data reports the loads which this building places on the foundation.
- Anchor bolts shall be accurately set to a tolerance of +/- 1/8" in both elevation and location. Anchor bolts are to be type A36.
- Column base plates are designed not to exceed a bearing pressure of 1125 pounds per square inch.
- Reactions are based on ASD design procedure.
- Anchor bolts are not supplied by MBMI.

BUILDING BRACING REACTIONS

—Wall— Loc	—Col— Line	—Line— Line	± Reactions(k)				Panel_Shear (lb/ft)	
			—Wind— Horz	—Wind— Vert	—Seismic— Horz	—Seismic— Vert	Wind	Seis
L_EW	1	E,F	1.7	2.5	0.1	0.2		
F_SW	F	4,5	6.2	4.4	0.3	0.2		
R_EW	5	B,A	1.7	2.5	0.1	0.2		
B_SW	A	3,2	6.2	4.4	0.3	0.2		

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

ENDWALL COLUMN REACTIONS(k)

Frame Line	Col Line	Max Horz	Max +Vert	Max -Vert	Horz	Vert	Load Id
5	F	-3.7	3.2	-3.5	0.0	-3.5	(7)
1	E	3.7	3.2	-3.5	0.0	-3.5	(1)
5	F	-3.7	3.2	-3.5	0.0	-3.5	(7)

(1) Dead+Collateral+Live
 (7) 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L

ANCHOR BOLT SUMMARY

Qty	Locate	Diag (in)	Type	Proj (in)
16	Jamb	5/8"	F1554	2.50
24	Endwall	5/8"	F1554	2.50
24	Frame	3/4"	F1554	3.00
4	BraceAnc	3/4"	F1554	3.00

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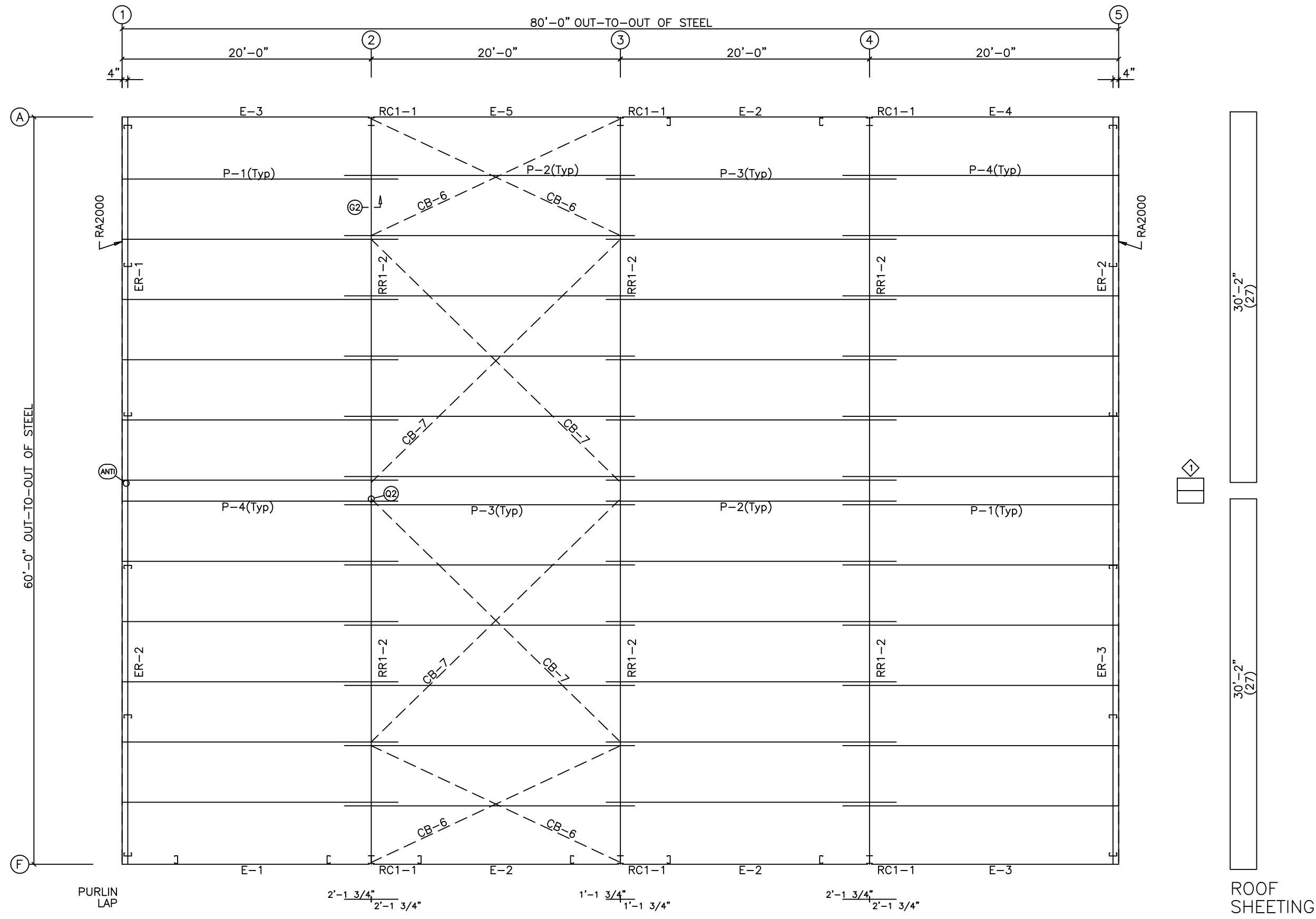
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FELIPE CAMPOS
 FELIPE CAMPOS
 265 ENTERPRISE ROAD
 DELTONA, FL 32725
 DATE: 10/ 7/24
 DWG NO: 2 OF 10
 A. BOLT DETAILS/REACTIONS
 JOB NO: 29258

TRIM TABLE	
ROOF PLAN	
◇ ID MARK	DETAIL
1 SSRC	TRIM_54

MEMBER TABLE	
ROOF PLAN	
MARK	SIZE
P-1	8X25Z16
P-2	8X25Z16
P-3	8X25Z16
P-4	8X25Z16
E-1	8ES142
E-2	8ES142
E-3	8ES142
E-4	8ES142
E-5	8ES142
CB-6	0.31_CBL
CB-7	0.25_CBL



ROOF FRAMING PLAN

- GENERAL NOTES:**
- FOR STANDING SEAM ROOF SYSTEMS SEE STANDING SEAM MANUAL FOR ERECTION DETAILS. FOR STANDING SEAM SYSTEMS THAT REQUIRE A MECHANICAL SEAMER, THE SEAMER IS NOT SUPPLIED BY MBMI.
 - GUTTERS MAY BE SUSCEPTIBLE TO DAMAGE IN HIGH SNOW REGIONS. A GUTTER PROTECTION SYSTEM (BY OTHERS) MAY BE ADVISABLE.
 - USE BACK-UP WASHER (BRACER #1 FOR 1/2" OR 5/8" EYEBOLT OR BRACER #2 FOR 3/4" OF 7/8" EYEBOLT) AT COLUMN/RAFTER TO CABLE CONNECTIONS.
 - FIELD SLOT FLUSH PURLINS FOR BRACING (IF REQUIRED).

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10404 W 154th STREET
OVERLANDPARK, KS 66221
TEL.: 913-685-2015

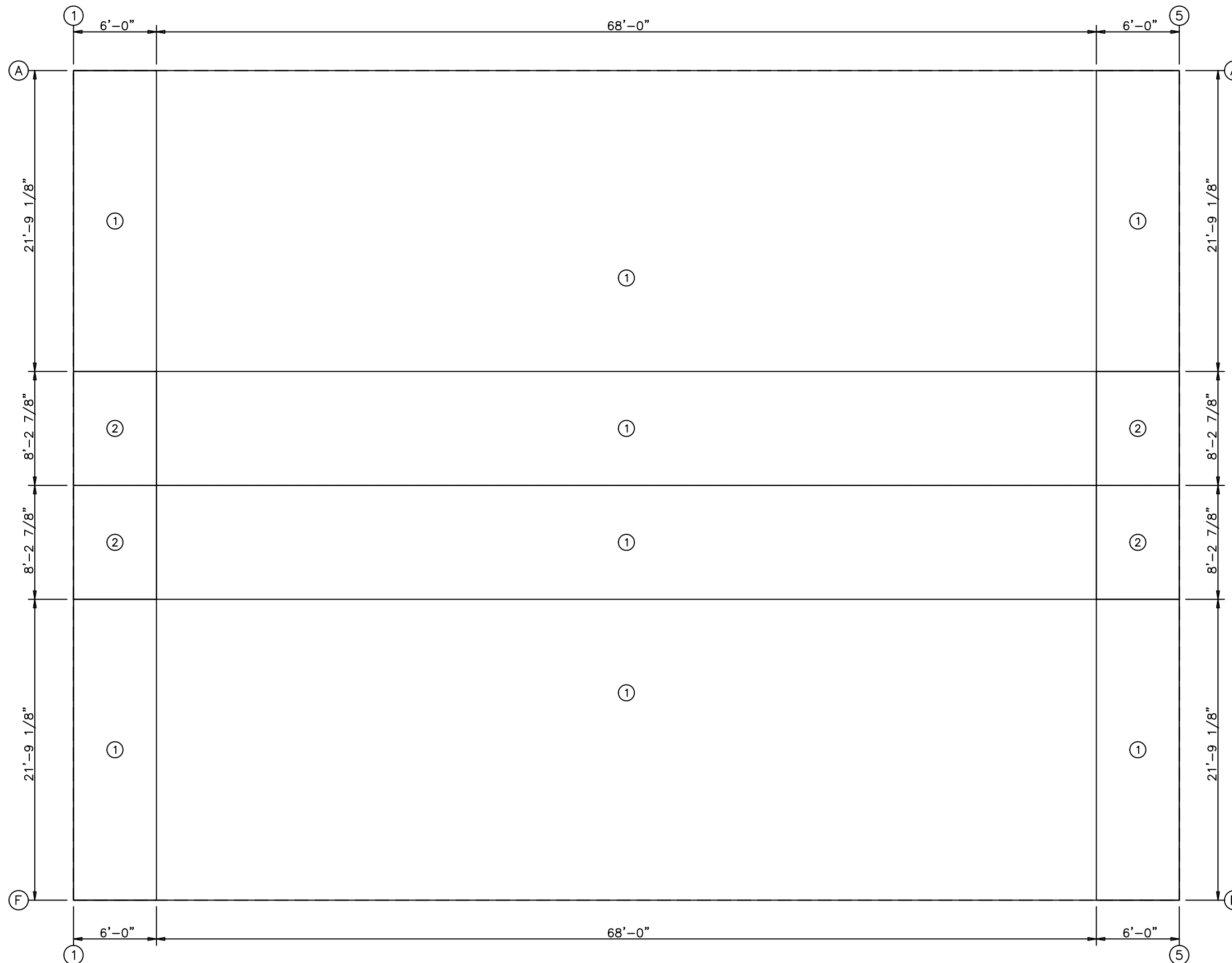
DRAWING STATUS	
<input type="checkbox"/> FOR APPROVAL:	THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS 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:	FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	DET/CHK
A	9/11/24	FOR APPROVAL	CER/CER
B	9/16/24	REVISED; FOR APPROVAL	CER/CER
0	10/ 7/24	FOR PERMIT	KR/CER

MBMI
METAL BUILDINGS
4723 W ATLANTIC AVE.
SUITE A20
DELRAY BEACH, FL 33445
TEL.: 800-293-2097

FELIPE CAMPOS	
FELIPE CAMPOS 265 ENTERPRISE ROAD DELTONA, FL 32725	
DATE 10/ 7/24	DWG NO 3 OF 10
ROOF FRAMING	JOB NO 29258

FASTENER TABLE		
○ ID	SCREW PART	SPACE (in)
1	12X1.25L	12.0
2	12X1.25L	6.0



PANEL ZONE LAYOUT
(Minimum Fastener Spacing)

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- FOR CONSTRUCTION:**
FINAL DRAWINGS.

REVISIONS

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0	10/ 7/24	FOR PERMIT	KR	CER

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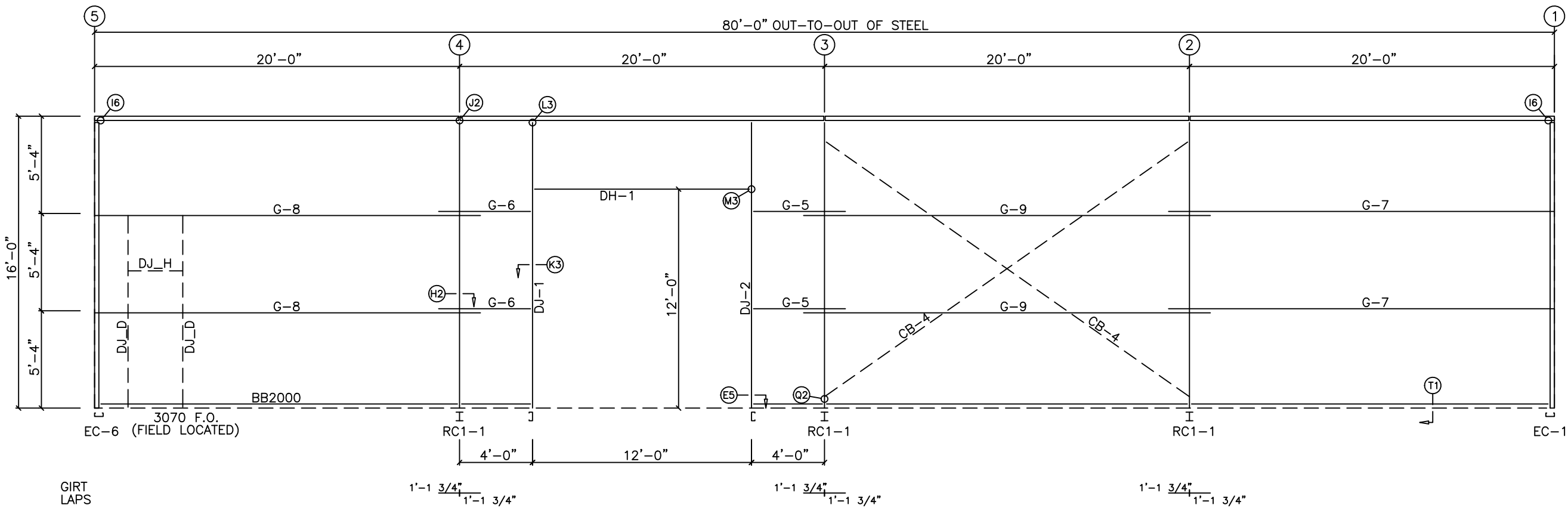
FELIPE CAMPOS

FELIPE CAMPOS
265 ENTERPRISE ROAD
DELTONA, FL 32725

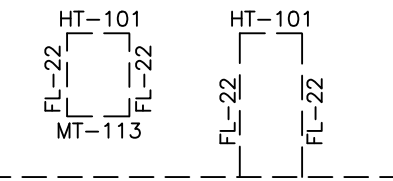
DATE 10/ 7/24	DWG NO 4 OF 10
ZONE LAYOUT	JOB NO 29258

TRIM TABLE		
LINE A		
ID	MARK	DETAIL
1	BT-101	
2	CT-102	TRIM_203
3	ET-10	
4	MT-116	
5	FL-22	TRIM_179
6	HT-101	TRIM_178

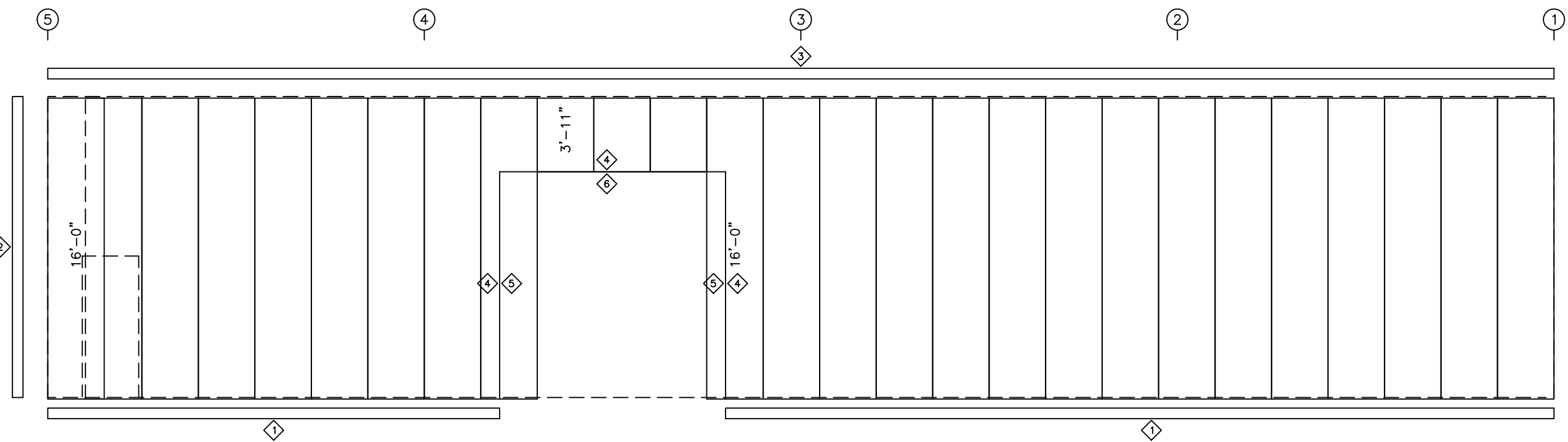
MEMBER TABLE		
LINE A		
MARK	SIZE	
DJ-1	8M35C14	
DJ-2	8M35C14	
DH-1	8M25C14	
G-5	8X25Z16	
G-6	8X25Z16	
G-7	8X25Z16	
G-8	8X25Z16	
G-9	8X25Z16	
CB-4	0.31_CBL	



BACK SIDEWALL FRAMING: LINE A



TYPICAL WALK DOOR & WINDOW TRIM



BACK SIDEWALL SHEETING & TRIM: LINE A

GENERAL NOTES:
 1. FIELD SLOT FLUSH GIRTS FOR BRACING (IF REQUIRED).
 2. USE BACK-UP WASHER (BRACER #1 FOR 1/2" OR 5/8" EYEBOLT OR BRACER #2 FOR 3/4" OF 7/8" EYEBOLT) AT COLUMN/RAFTER TO CABLE CONNECTIONS.

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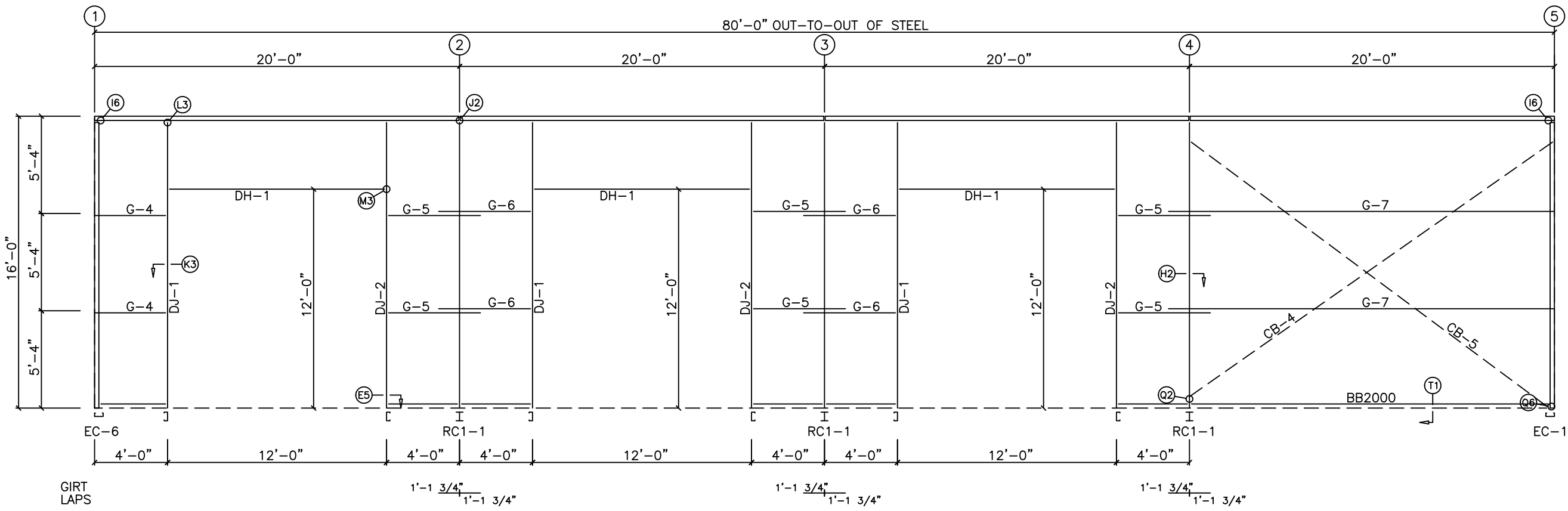
DRAWING STATUS		REVISIONS				
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	DET	CHK
<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.	A	9/11/24	FOR APPROVAL	CER	CER
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.	B	9/16/24	REVISED; FOR APPROVAL	CER	CER
		0	10/ 7/24	FOR PERMIT	KR	CER

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 TEL.: 800-293-2097

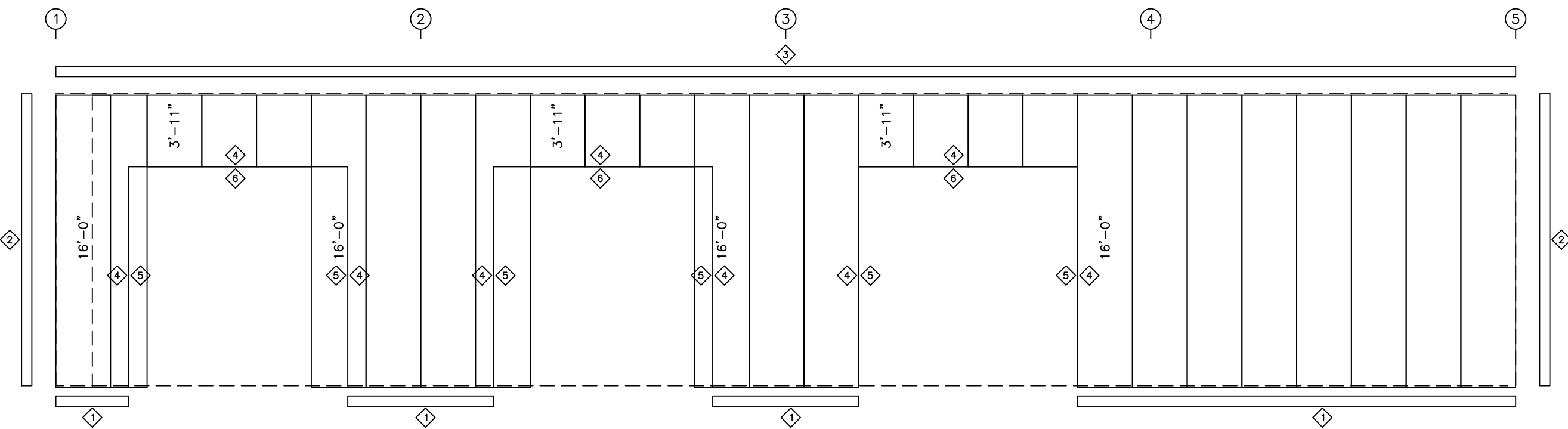
FELIPE CAMPOS	
FELIPE CAMPOS 265 ENTERPRISE ROAD DELTONA, FL 32725	
DATE 10/ 7/24	DWG NO 5 OF 10
SIDEWALL ELEVATION	JOB NO 29258

TRIM TABLE		
LINE F	ID	MARK
1	BT-101	
2	CT-102	
3	ET-10	
4	MT-116	
5	FL-22	
6	HT-101	

MEMBER TABLE		
LINE F	MARK	SIZE
	DJ-1	8M35C14
	DJ-2	8M35C14
	DH-1	8M25C14
	G-4	8X25Z16
	G-5	8X25Z16
	G-6	8X25Z16
	G-7	8X25Z16
	CB-4	0.31_CBL
	CB-5	0.31_CBL



FRONT SIDEWALL FRAMING: LINE F



FRONT SIDEWALL SHEETING & TRIM: LINE F

GENERAL NOTES:
 1. FIELD SLOT FLUSH GIRTS FOR BRACING (IF REQUIRED).
 2. USE BACK-UP WASHER (BRACER #1 FOR 1/2" OR 5/8" EYEBOLT OR BRACER #2 FOR 3/4" OF 7/8" EYEBOLT) AT COLUMN/RAFTER TO CABLE CONNECTIONS.

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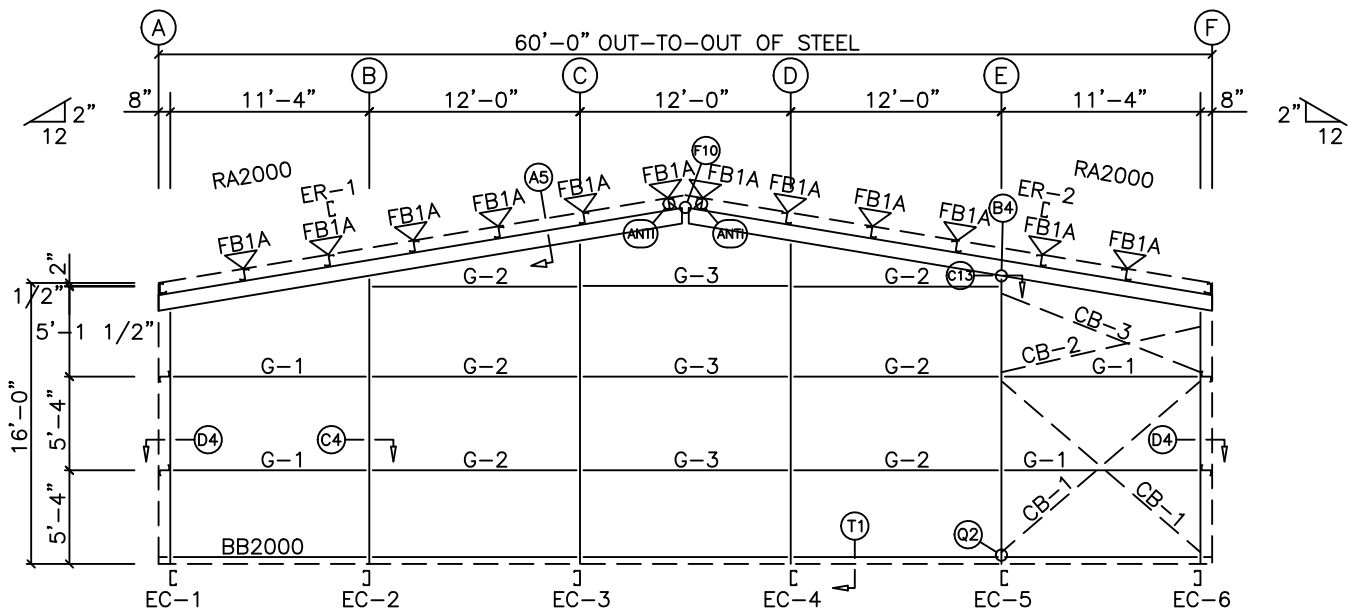
FELIPE CAMPOS	
FELIPE CAMPOS 265 ENTERPRISE ROAD DELTONA, FL 32725	
DATE 10/7/24	DWG NO 6 OF 10
SIDEWALL ELEVATION	
JOB NO 29258	

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

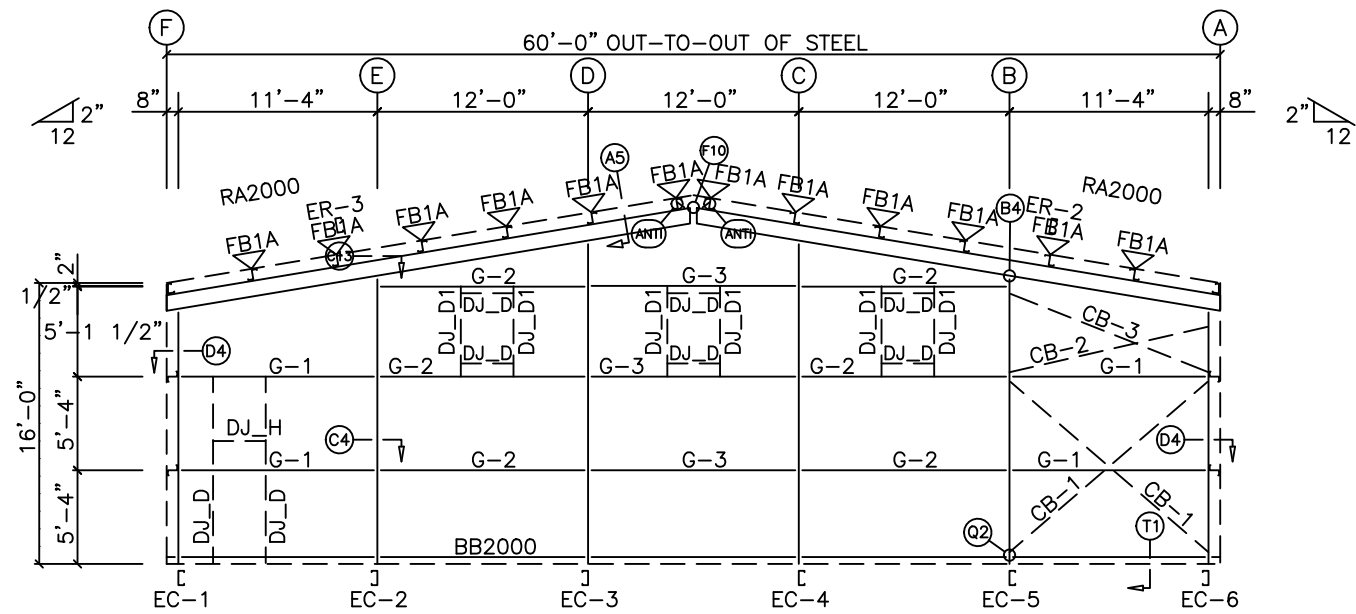
TRIM TABLE		
LINE 1 & 5		
ID	MARK	DETAIL
1	BT-101	
2	CT-102	TRIM_203
3	RT-101	TRIM_18
4	SPB	

FLANGE BRACE TABLE		
LINE 1 & 5		
VID	MARK	LENGTH
1	FB1A	2'-5 5/8"

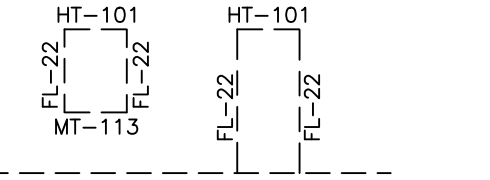
MEMBER TABLE		
LINE 1 & 5		
MARK	SIZE	
EC-1	10M35C14	
EC-2	10M35C14	
EC-3	10M35C12	
EC-4	10M35C12	
EC-5	10M35C14	
EC-6	10M35C14	
ER-1	10M35C14	
ER-2	10M35C14	
ER-3	10M35C14	
G-1	10X25Z16	
G-2	10X25Z16	
G-3	10X25Z16	
CB-1	0.25_CBL	
CB-2	0.25_CBL	
CB-3	0.25_CBL	



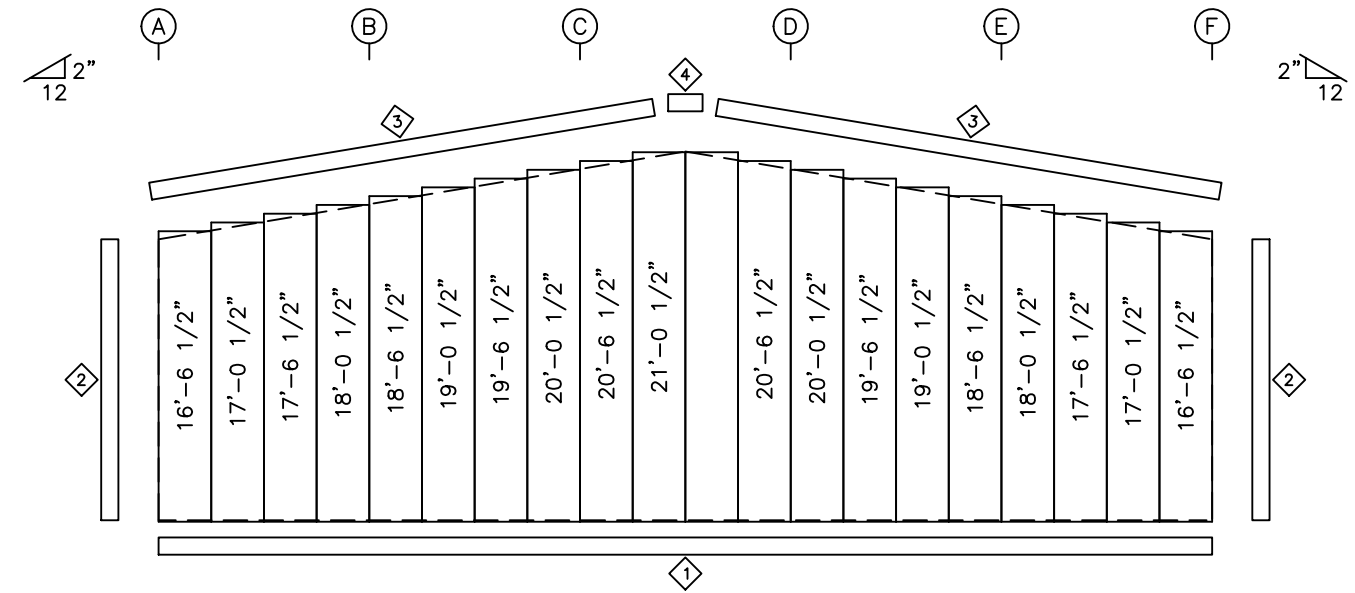
ENDWALL FRAMING: LINE 1



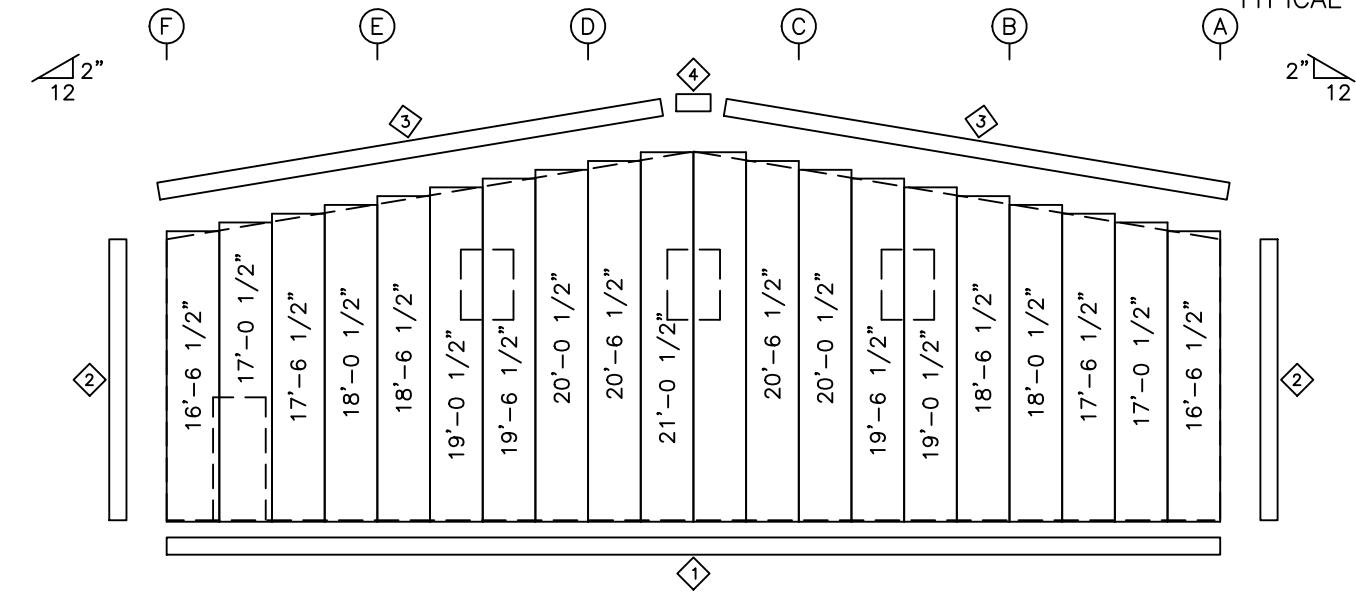
ENDWALL FRAMING: LINE 5



TYPICAL WALK DOOR & WINDOW TRIM



ENDWALL SHEETING & TRIM: LINE 1



ENDWALL SHEETING & TRIM: LINE 5

GENERAL NOTES:
 1. FIELD SLOT FLUSH GIRTS FOR BRACING (IF REQUIRED).
 2. USE BACK-UP WASHER (BRACER #1 FOR 1/2" OR 5/8" EYEBOLT OR BRACER #2 FOR 3/4" OF 7/8" EYEBOLT) AT COLUMN/RAFTER TO CABLE CONNECTIONS.
 3. FIELD CUT ENDWALL PANELS AT ROOF PITCH FOR SLOPES GREATER THAN 1:12.

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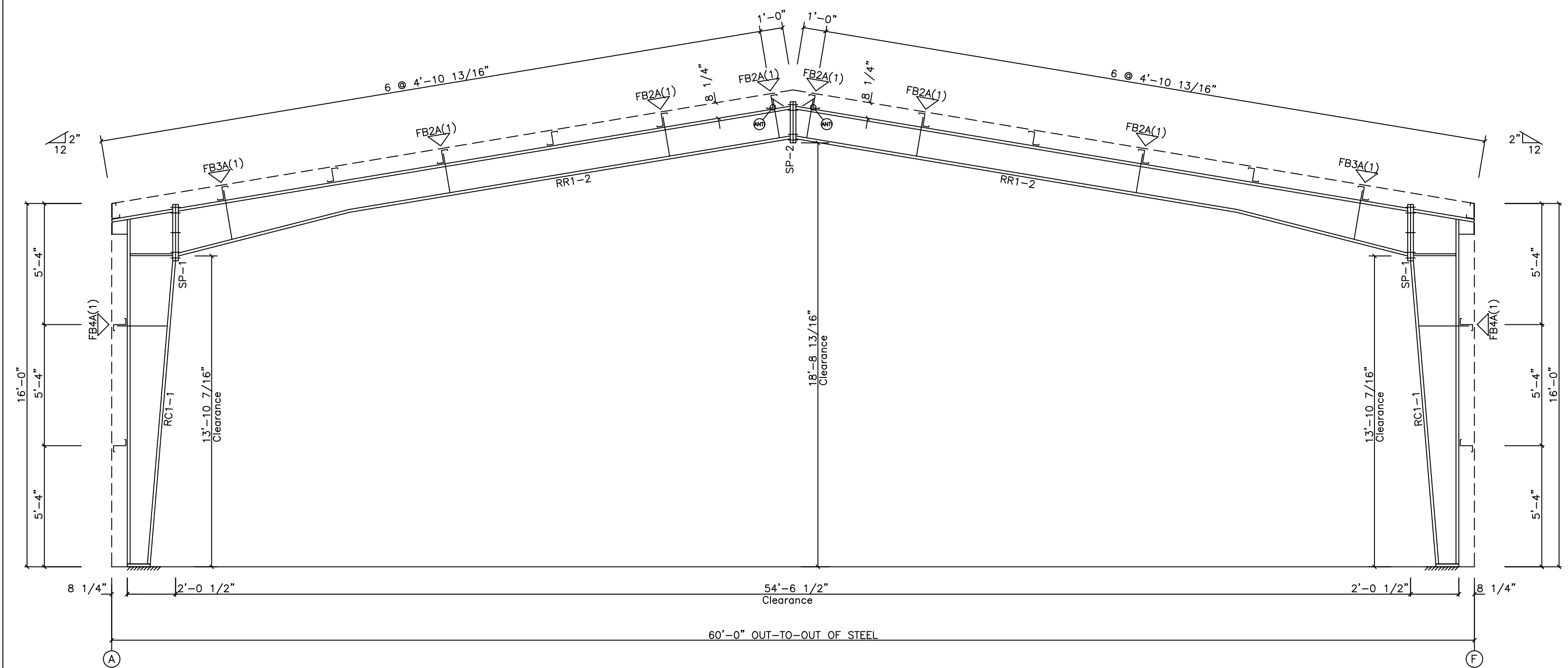
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 METAL BUILDINGS
 4723 W ATLANTIC AVE.
 SUITE A20
 DELRAY BEACH, FL 33445
 TEL.: 800-293-2097

FELIPE CAMPOS
 FELIPE CAMPOS
 265 ENTERPRISE ROAD
 DELTONA, FL 32725
 DATE: 10/7/24
 DWG NO: 7 OF 10
 ENDWALL ELEVATION
 JOB NO: 29258

SPLICE PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	2	A325	0.750	2.00	6"	1/2"	2'-7 1/4"
SP-2	4	4	0	A325	0.750	1.75	6"	3/8"	1'-11"

MEMBER TABLE										
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange			
	Start	End	Thick	Length	W	Thk	x Length	W	Thk	x Length
RC1-1	9.0	24.0	0.133	188.3	5	1/4"	x 184.3	5	1/4"	x 162.3
RR1-2	22.0	14.0	0.133	94.3	5	1/4"	x 32.9	5	1/4"	x 94.6
	14.0	14.0	0.133	240.0	5	1/4"	x 90.6	5	1/4"	x 237.6

▽ FLANGE BRACES: (1) One Side; (2) Two Sides
 FBxxA(1)
 A - FB2214



RIGID FRAME CROSS SECTION: FRAME LINE 2 3 4

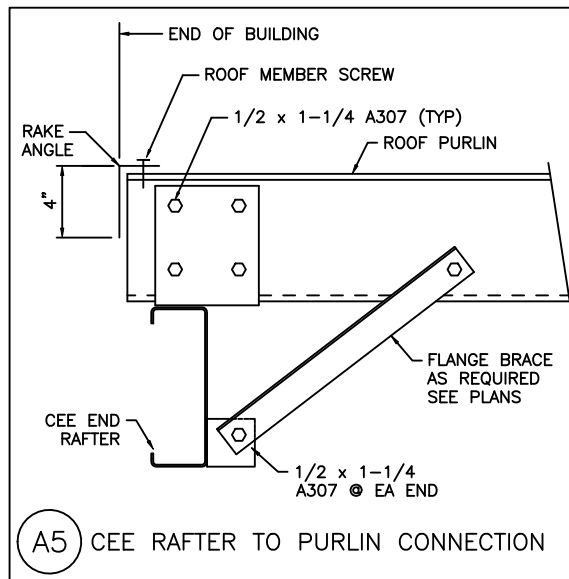
GENERAL NOTES:
 CONSTRUCTION NOTES FOR THE RIGID FRAMES.
 1. ALL FIELD CONNECTIONS OF PRIMARY FRAMING MEMBERS SHALL BE BOLTED. WITH A325 H. S. BOLTS AND INSTALLED BY THE 'TURN OF THE NUT' METHOD.
 2. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
 3. WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.

DRAWING STATUS		REVISIONS				
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		0	10/ 7/24	FOR PERMIT	KR	CER

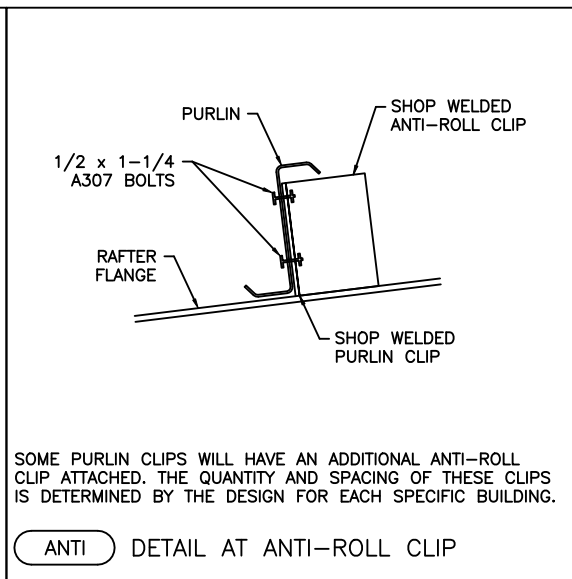
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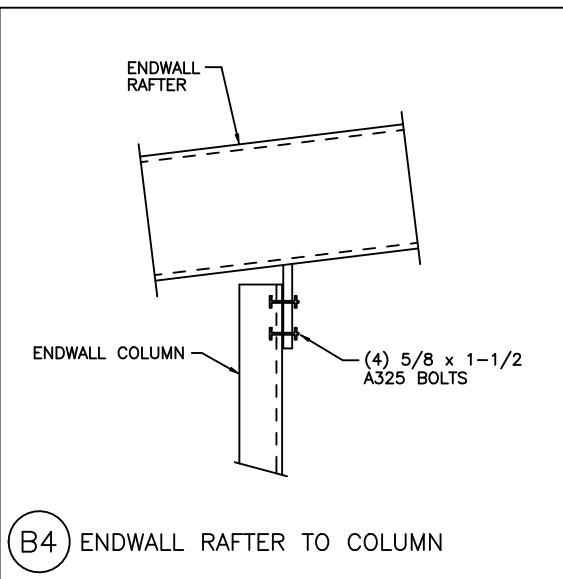
FELIPE CAMPOS	
FELIPE CAMPOS 265 ENTERPRISE ROAD DELTONA, FL 32725	
DATE 10/ 7/24	DWG NO 8 OF 10
RIGID FRAME ELEVATION	
JOB NO 29258	



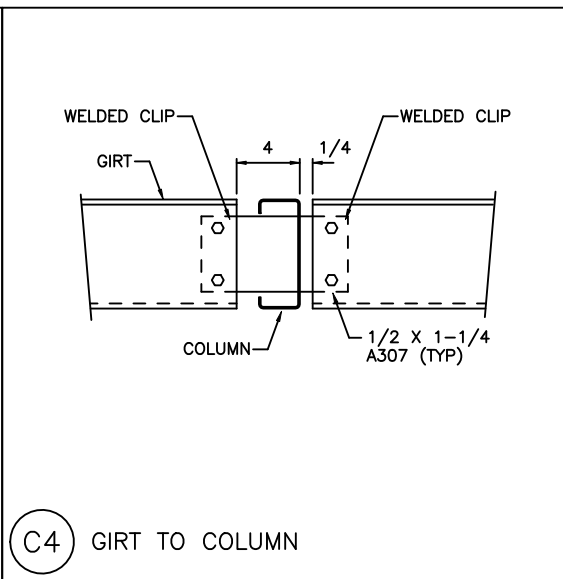
A5 CEE RAFTER TO PURLIN CONNECTION



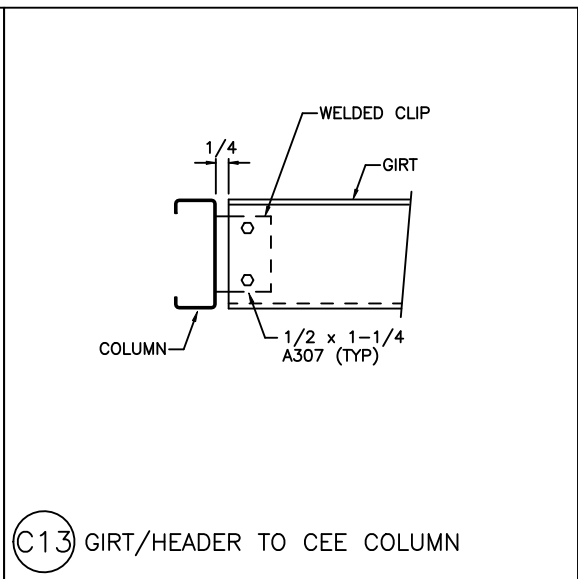
ANTI DETAIL AT ANTI-ROLL CLIP



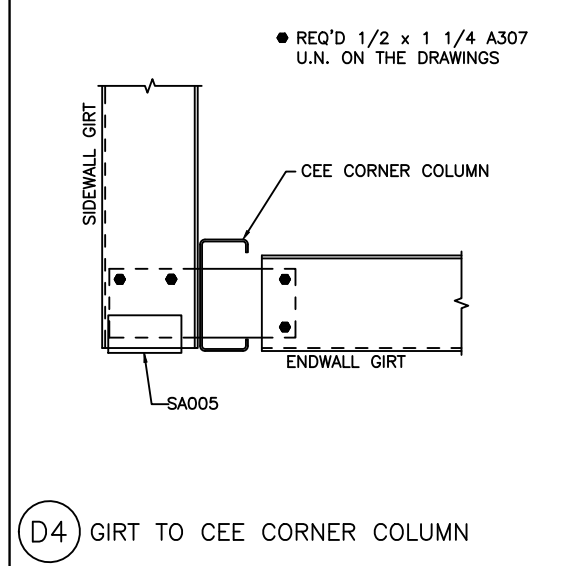
B4 ENDWALL RAFTER TO COLUMN



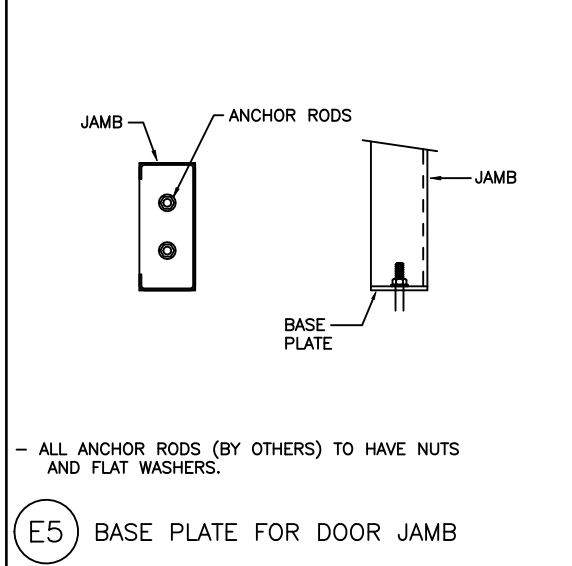
C4 GIRT TO COLUMN



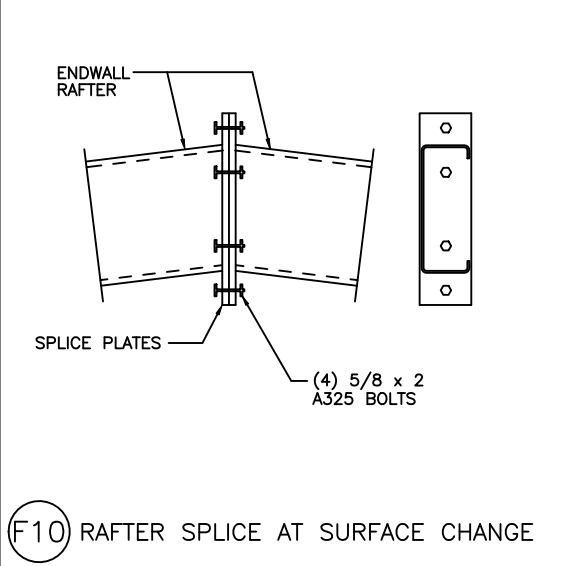
C13 GIRT/HEADER TO CEE COLUMN



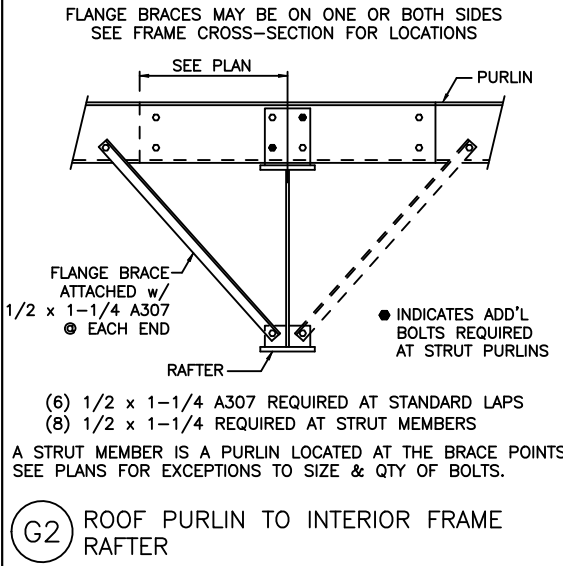
D4 GIRT TO CEE CORNER COLUMN



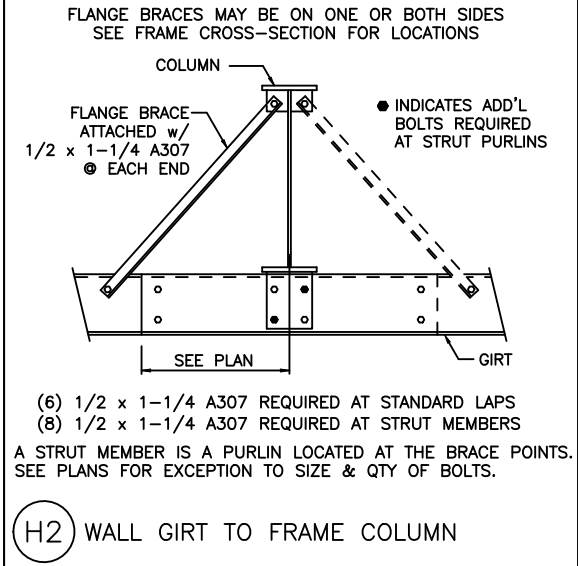
E5 BASE PLATE FOR DOOR JAMB



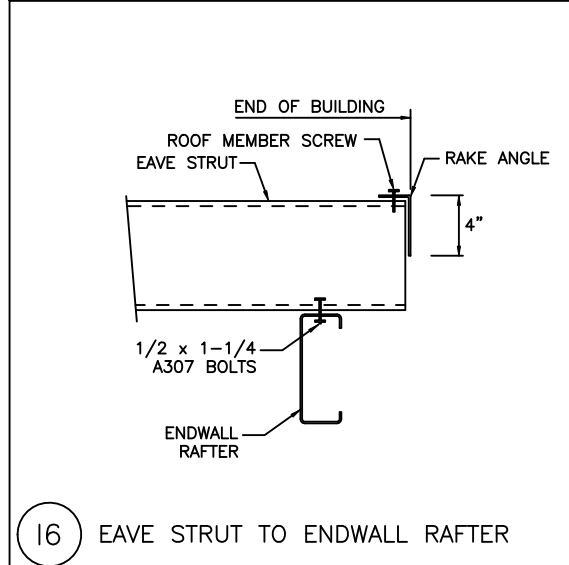
F10 RAFTER SPLICE AT SURFACE CHANGE



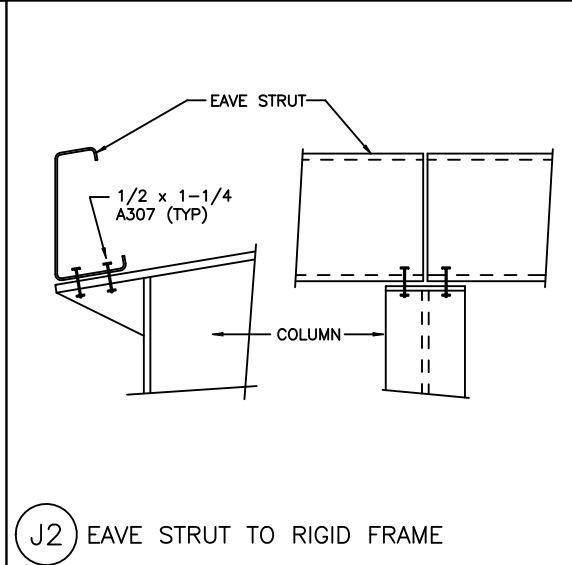
G2 ROOF PURLIN TO INTERIOR FRAME RAFTER



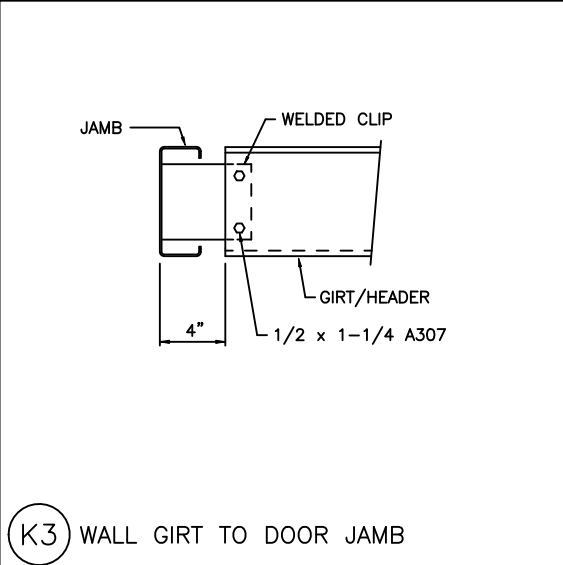
H2 WALL GIRT TO FRAME COLUMN



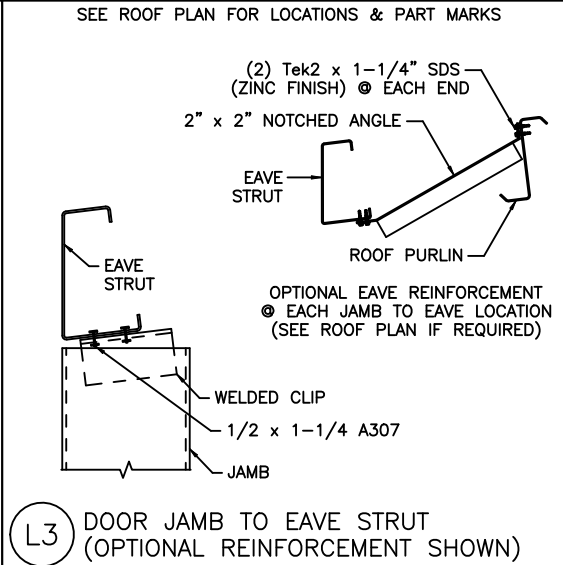
I6 EAVE STRUT TO ENDWALL RAFTER



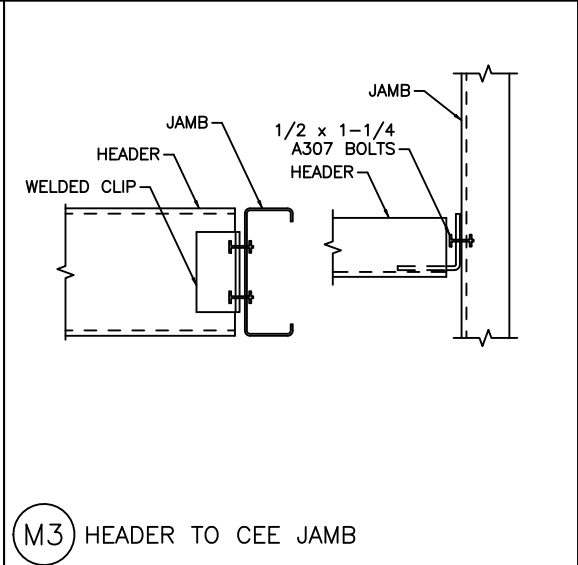
J2 EAVE STRUT TO RIGID FRAME



K3 WALL GIRT TO DOOR JAMB



L3 DOOR JAMB TO EAVE STRUT (OPTIONAL REINFORCEMENT SHOWN)



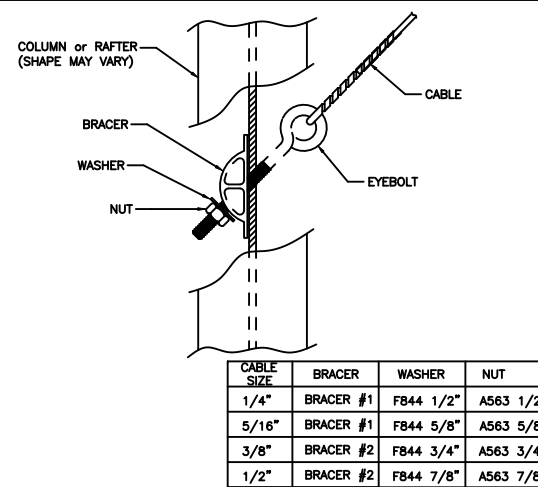
M3 HEADER TO CEE JAMB

DRAWING STATUS	
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DELRAY BEACH, FL 33445
TEL.: 800-293-2097

FELIPE CAMPOS	
FELIPE CAMPOS 265 ENTERPRISE ROAD DELTONA, FL 32725	
DATE 10/7/24	DWG NO 9 OF 10
DETAIL DRAWINGS	JOB NO 29258

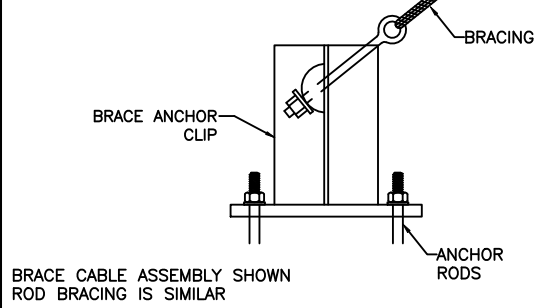


CABLE SIZE	BRACER	WASHER	NUT
1/4"	BRACER #1	F844 1/2"	A563 1/2"
5/16"	BRACER #1	F844 5/8"	A563 5/8"
3/8"	BRACER #2	F844 3/4"	A563 3/4"
1/2"	BRACER #2	F844 7/8"	A563 7/8"

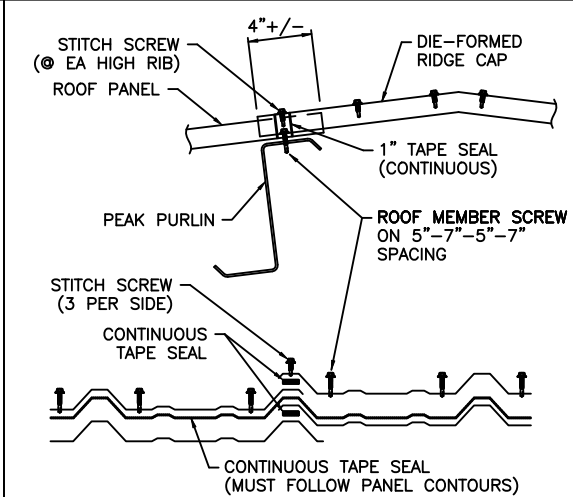
Q2 DIAGONAL CABLE BRACING INSTALLATION

(4) 3/4" DIA. ANCHOR RODS ARE REQUIRED AT EACH CLIP SEE ANCHOR ROD PLAN FOR LOCATIONS

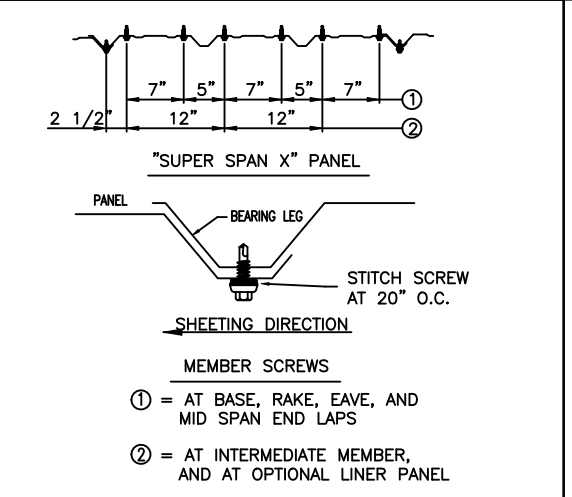
CLIP	CABLE SIZE	ROD SIZE
AK523	1/4" & 5/16"	1/2" & 5/8"
AK524	3/8" & 1/2"	3/4"
AK525	--	1" & 1-1/4"



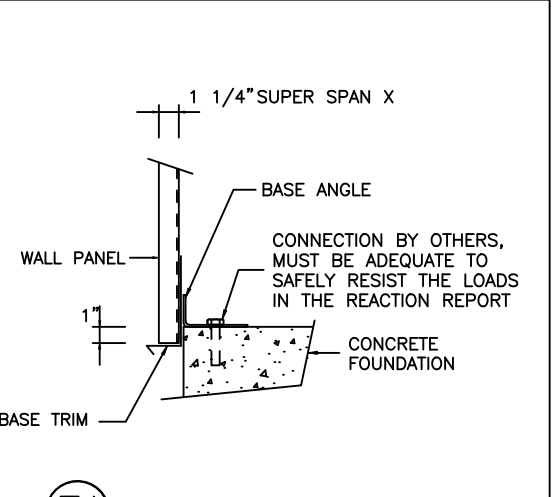
Q6 BRACE ROD TO CONCRETE ANCHOR



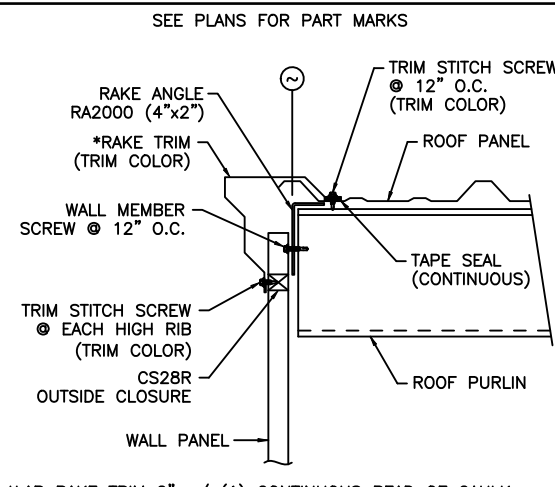
SCREW_8 TYPICAL DIE-FORMED RIDGE CAP ENDLAP - SUPER SPAN X ROOF



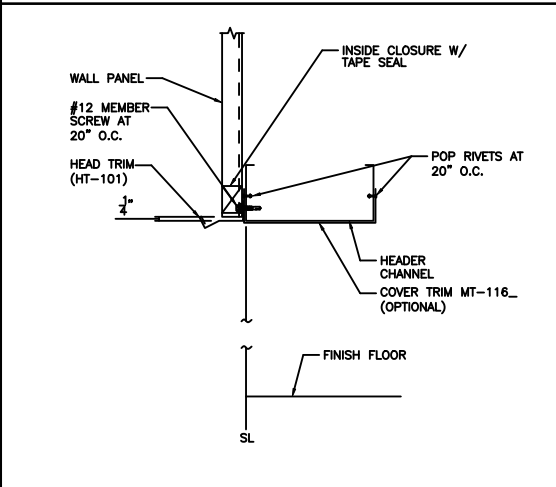
SCREW_25 FASTENER PATTERN FOR WALL PANEL (SUPER SPAN X)



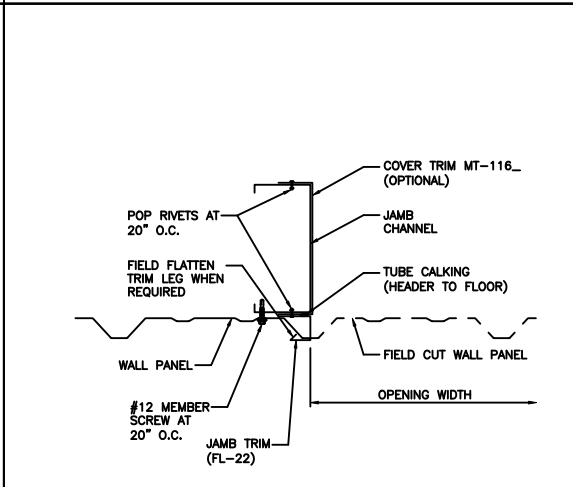
T1 WALL PANEL BASE DETAIL



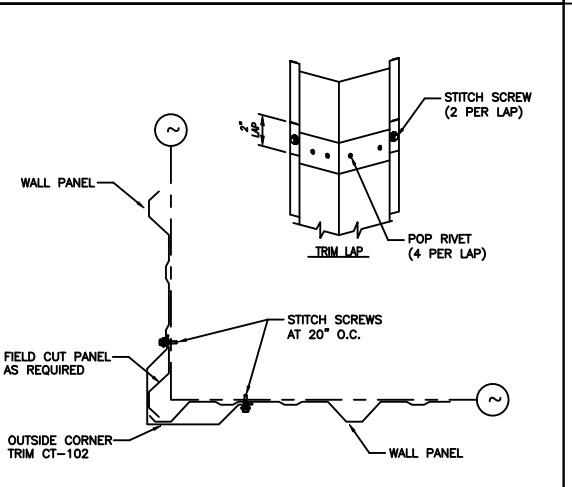
TRIM_18 TYPICAL RAKE DETAIL SUPER SPAN X ROOF & WALLS



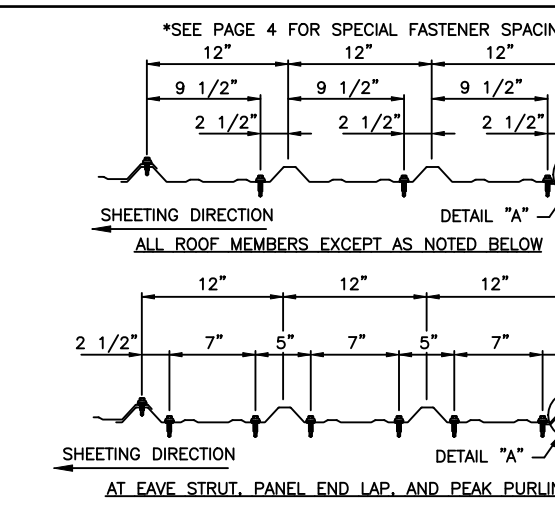
TRIM_178 HEAD TRIM DETAIL (SUPER SPAN X)



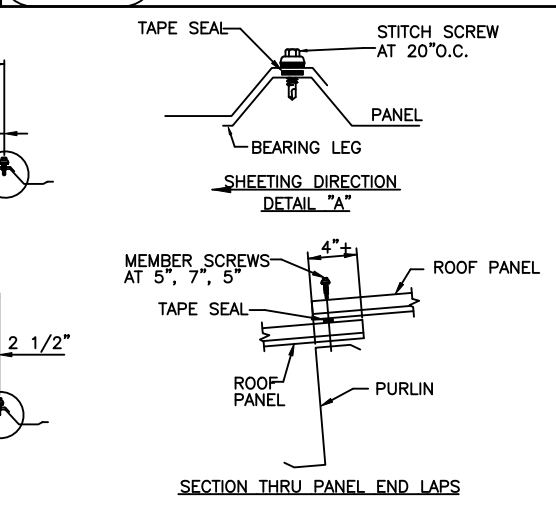
TRIM_179 JAMB TRIM DETAIL (SUPER SPAN X)



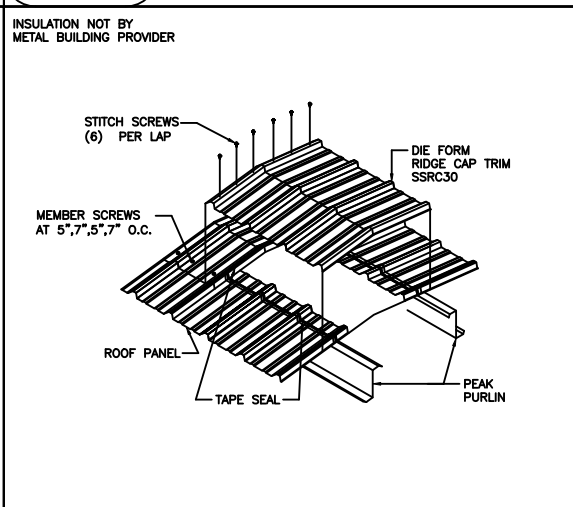
TRIM_203 CORNER TRIM INSTALLATION (SUPER SPAN X)



SCREW_30 FASTENER PATTERN FOR "SUPER SPAN X" ROOF PANEL



TRIM_54 DIE FORMED RIDGE CAP INSTALLATION (SUPER SPAN X)



TRIM_55 DIE FORM RIDGE CAP INSTALLATION (SUPER SPAN X)

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: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	DET/CHK
A	9/11/24	FOR APPROVAL	CER/CER
B	9/16/24	REVISED; FOR APPROVAL	CER/CER
0	10/7/24	FOR PERMIT	KR/CER

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TEL.: 800-293-2097

FELIPE CAMPOS	
FELIPE CAMPOS 265 ENTERPRISE ROAD DELTONA, FL 32725	
DATE 10/7/24	DWG NO 10 OF 10
DETAIL DRAWINGS	JOB NO 29258