BUILDING PROFILE

(A)	Width (ft) = 50	Eave Height (ft) =	20
	Length (ft) = 150	Roof Slope (Rise/12) =	3.0:12
(B)	Width (ft) = 30	Eave Height (ft) =	20 H/S
	Length (ft) = 100.33	Roof Slope (Rise/12) =	3.0:12

BUILDING LOADS

A) THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY FBC 20 / 7TH 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	Ie	1.00
WIND LOAD ULTIMATE	119 MPH	NOMINAL 92.18 MPH	WIND EXPOSURE B
CLOSURE TYPE	Enclosed (A)	Partially Encl. (B)	
INTERNAL WIND COEFFICIENT	−0.18 / 0.18 (A)	−0.55 / 0.55 (B)	
COLLATERAL DEAD LOAD	1 PSF		
ROOF LIVE LOAD	20.00 PSF (REDUCIBLE Yes)		
DEAD LOAD	2.000 PSF (FOR ROOF PANELS AND PURLINS)		

SEISMIC

SPECTRAL RESPONSE Ss 0.0853 S1 0.0502 Sds 0.0907 Sd1 0.0800

SITE CLASS d DESIGN RISK CATEGORY B Ca 0.0302

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

* STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.

SERVICEABILITY CRITERIA

MINIMUM DESIGN DEFLECTIONS			
Endwall Column	= 120	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.

1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION: " AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS–ALLOWABLE STRESS DESIGN"
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 WITH THICKNESS OF ONE INCH OR LESS AND WIDTH OF 12" OR LESS CONFORM TO A529 WITH A MINIMUM YIELD POINT OF 55,000 psi. FLANGES GREATER THAN 1" IN THICKNESS OR 12" IN WIDTH CONFORM TO A572 WITH A MINIMUM YIELD POINT OF 50,000 psi. WEB MATERIAL CONFORMS TO ASTM–A529 WITH A MINIMUM YIELD POINT OF 55,000 psi.

2) MATERIAL PROPERTIES OF PIPE SECTIONS CONFORM TO ASTM–A500, GRADE B WITH A MINIMUM YIELD POINT OF 42,000 psi.

3) MATERIAL PROPERTIES OF TUBE SECTIONS CONFORM TO ASTM–A500, GRADE B 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–A529 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, 13TH 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 13TH 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 COLLISION. (SECT. 7.10.3 AISC CODE OF STANDARD PRACTICE, 13TH 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, THE 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.

FLORIDA PRODUCT APPROVAL NUMBER

PBR ROOF PANEL	15998.2
PBR WALL PANEL	17662.2

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
Flange Brace: RO
Angle: RO

RO – Red Oxide
GP – Grey Primer
GZ – Galvanized

	Grt	Pur	EWR	Jmb	GB	Endwall Col	Endwall Ref
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.

ACCREDITED AC472

BUILDING DESIGNED & MANUFACTURED BY AN IAS ACCREDITED FACILITY.

DRAWING INDEX

REV.	PAGE	DESCRIPTION
	0	COVER PAGE
	1	ANCHOR BOLT LAYOUT
	1.1	ANCHOR BOLT DETAILS
	1.2–1.3	ANCHOR BOLT REACTIONS
	2	ROOF FRAMING LAYOUT
	2.1–2.4	RIGID FRAME CROSS SECTION
	3	ENDWALL FRAMING LAYOUT
	4	SIDEWALL FRAMING LAYOUT
	5–5.5	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

1.0 PSF COLL ONLY ALLOW LIGHTING AND HVAC DUCT 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. BM

(B) THIS PROJECT IS DESIGNED AS A PARTIALLY ENCLOSED BUILDING AS DEFINED BY THE REFERENCED BUILDING CODE. 5

(A) COMPONENTS & CLADDING (unfactored)

Wall Field Values	=	23.316 psf	/	−25.292 psf
Wall Edge Values	=	23.316 psf	/	−31.219 psf

(B) COMPONENTS & CLADDING (unfactored)

Wall Field Values	=	27.659 psf	/	−29.443 psf
Wall Edge Values	=	27.659 psf	/	−34.797 psf

Wayne Brad Baker PE 235 Sanders Road Hahira, GA 31632

Wayne Brad Baker State of Florida, Professional Engineer, License No. 58828. This item has been digitally signed and sealed by Wayne Brad Baker, PE on the date shown here using a Digital Signature. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

Digitally signed by Wayne B Baker
Date: 2022.11.29 16:42:15 -05'00'

COLORS:

ROOF:	GALVALUME
WALLS:	CHARCOAL GRAY
CABLE:	BLACK
EAVE:	BLACK
CORNER:	BLACK
FRAMED OPENINGS:	BLACK
GUTTER:	BLACK
DOWNSPOUTS:	BLACK
BASE:	BLACK

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

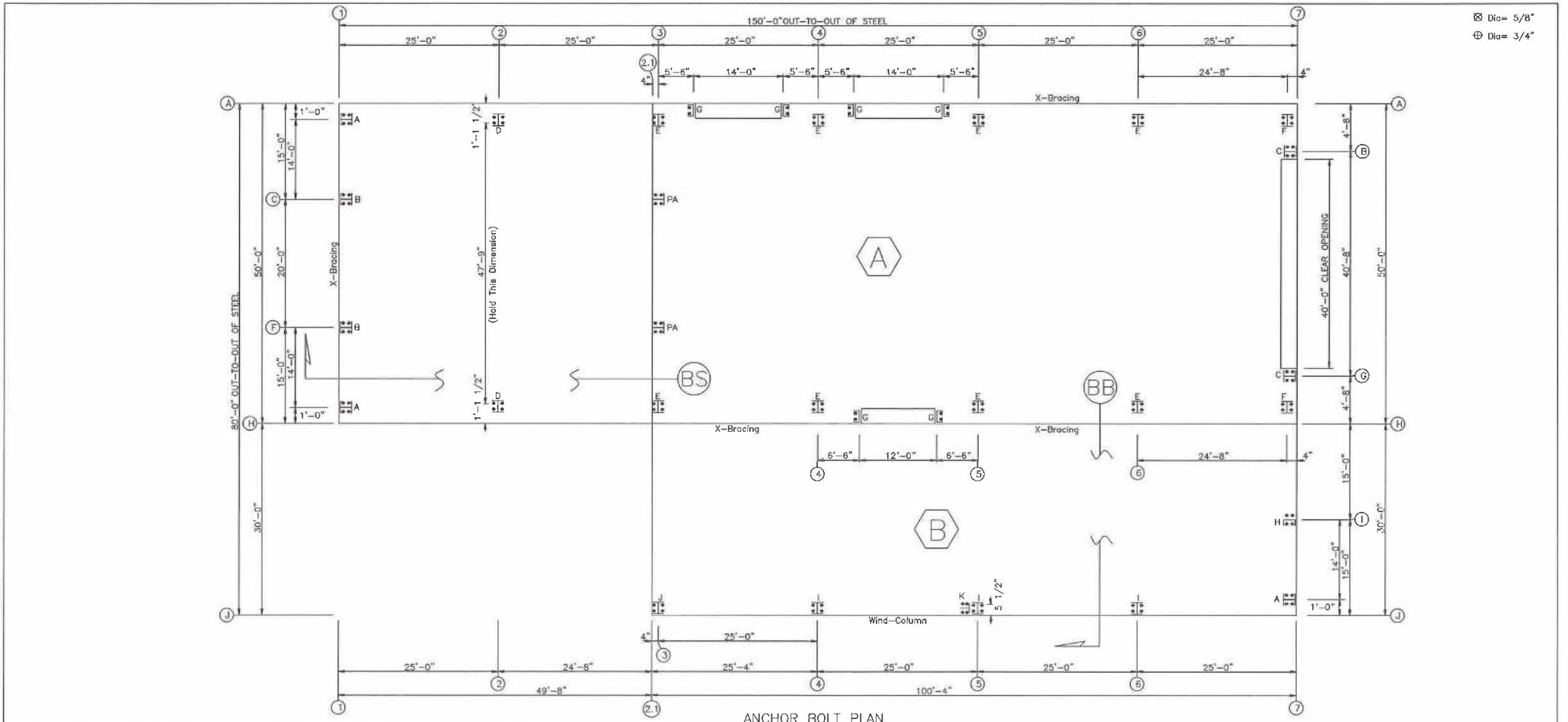
ISSUE | DATE | CHK | DET

FOR: SPENCER TAYLOR
307 SW CIRRUS DR.
LAKE CITY, FL 32025

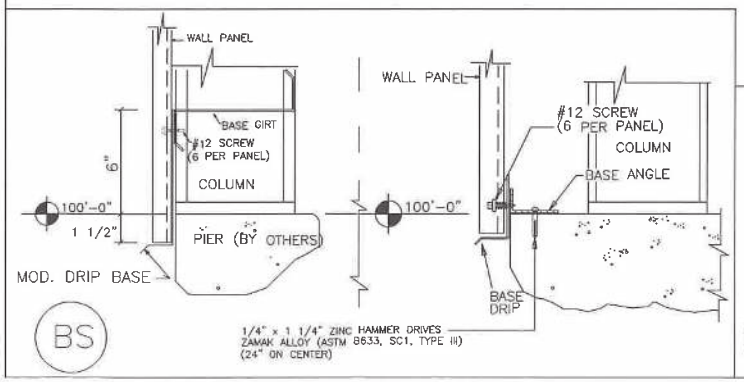
JOBSITE: LAKE CITY, FL 32025

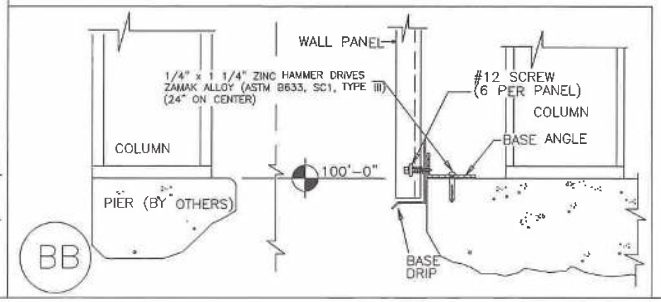
FROM: BUILDINGS AND MORE
792 SW BASCOM NORRIS DR.
LAKE CITY, FL 32052

JOB NO : 7733
DATE : 11/23/22
BY : DAR
SCALE : NONE
TITLE : COVER PAGE
NUMBER : PAGE 0



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





ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

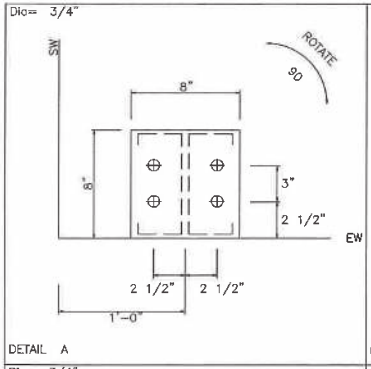
DESIGNER: SPENCER TAYLOR

JOB NO: 7733 | DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: ANCHOR BOLT LAYOUT

DRAWING NO	DRAWN BY	CHECKED BY	SCALE
PAGE 1	DAR	SPW	NONE



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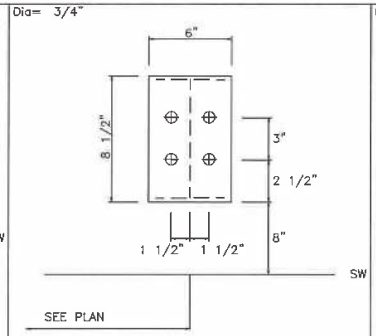
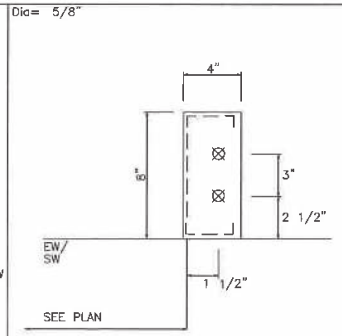
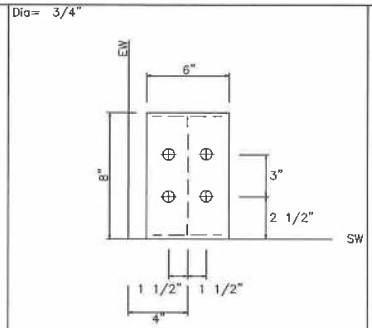


DETAIL D



DETAIL G



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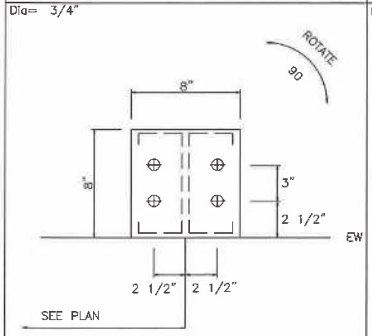
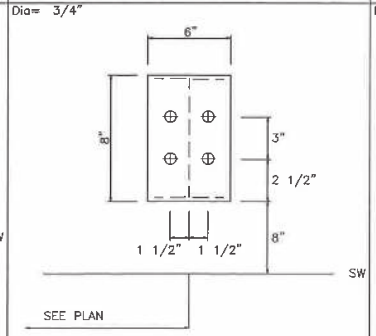
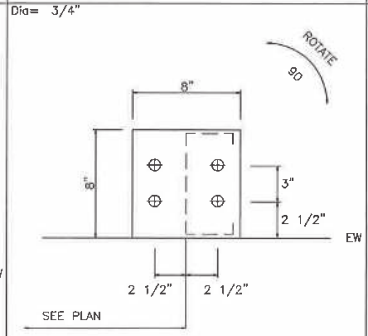


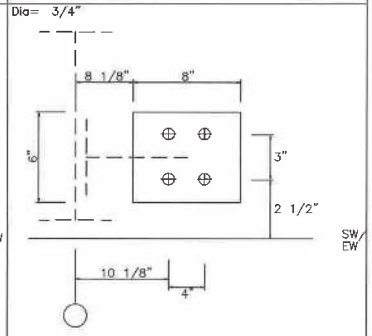
DETAIL B



DETAIL E



DETAIL H



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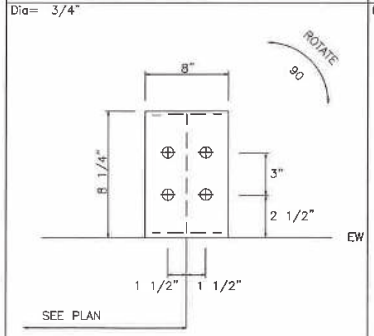
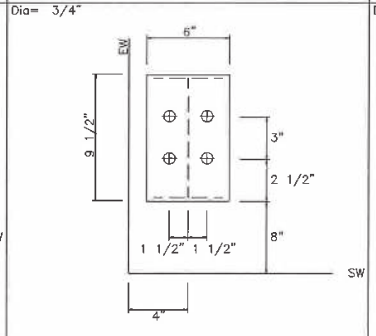
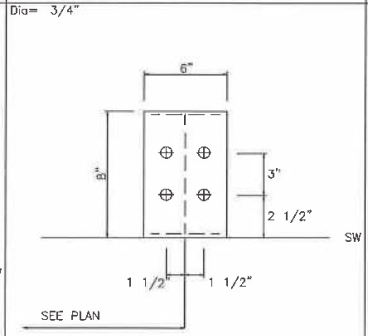


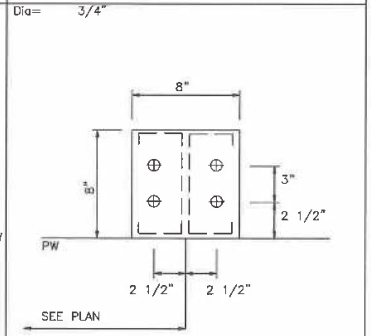
DETAIL C



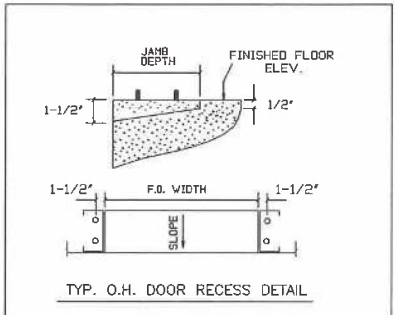
DETAIL F



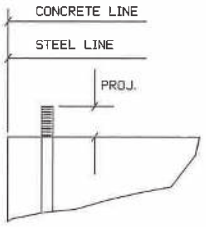
DETAIL I



DETAIL PA



TYP. O.H. DOOR RECESS DETAIL



ANCHOR BOLT PROJECTION

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

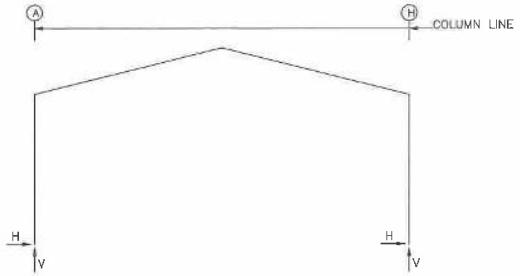
JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: ANCHOR BOLT DETAILS

DRAWING NO:	DRAWN BY:	CHECKED BY:	SCALE:
PAGE 1.1	DAR	SPW	NONE

FRAME LINES: 2 3 4 5 6 7



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
2	A	4	0.750	6.000	8.500	0.375	0.0
2	H	4	0.750	6.000	8.500	0.375	0.0

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
3	A	4	0.750	6.000	8.000	0.375	0.0
3	H	4	0.750	6.000	8.000	0.375	0.0

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
4*	A	4	0.750	6.000	8.000	0.500	0.0
4*	H	4	0.750	6.000	8.000	0.500	0.0

4* Frame lines: 4 5 6

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
7	A	4	0.750	6.000	9.500	0.375	0.0
7	H	4	0.750	6.000	9.500	0.375	0.0

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
1	A	4	0.750	8.000	8.000	0.375	0.0
1	C	4	0.750	8.000	8.000	0.375	0.0
1	F	4	0.750	8.000	8.000	0.375	0.0
1	H	4	0.750	8.000	8.000	0.375	0.0
7	G	4	0.750	8.000	8.250	0.250	0.0
7	B	4	0.750	8.000	8.250	0.250	0.0

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.

1

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert
2	A	0.6	2.1	0.2	0.6	2.9	7.5	−3.2	−10.4	−4.1	−9.4	−1.5	−5.6
2	H	−0.6	2.1	−0.2	0.6	−2.9	7.5	4.1	−9.4	3.2	−10.4	2.3	−4.6
3	A	0.6	1.9	0.2	0.6	2.8	7.5	−9.2	−14.2	0.7	−8.5	−7.8	−7.6
3	H	−0.6	2.5	−0.2	0.8	−2.7	10.7	−4.3	−9.3	5.6	−16.8	−1.2	−2.6
4*	A	0.6	1.9	0.2	0.6	2.8	7.4	−10.7	−15.5	−0.4	−9.4	−7.5	−7.2
4*	H	−0.6	3.0	−0.2	1.0	−2.7	12.0	−6.1	−10.9	4.3	−19.7	−0.6	−2.3
7	A	0.4	1.6	0.1	0.3	1.2	3.9	−4.3	−8.1	1.3	−4.7	−4.7	−5.6
7	H	−0.4	1.6	−0.1	0.3	−1.2	3.9	−1.3	−4.7	4.3	−8.1	−1.0	−2.2

Frame Line	Column Line	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
2	A	−2.3	−4.6	−3.0	−10.1	−4.0	−8.9	−0.1	−0.1	0.1	0.1
2	H	1.5	−5.6	4.0	−8.9	3.0	−10.1	−0.1	0.1	0.1	−0.1
3	A	2.0	−1.9	−1.2	−11.9	−2.2	−10.7	−0.1	−0.1	0.1	0.1
3	H	8.8	−10.0	−2.3	−11.4	−3.4	−12.6	−0.2	0.1	0.2	−0.1
4*	A	2.7	−1.1	−3.1	−13.6	−4.2	−12.4	−0.2	−0.1	0.2	0.1
4*	H	9.8	−11.1	−4.7	−13.8	−5.7	−15.0	−0.2	0.2	0.2	−0.1
7	A	1.0	−2.2	0.7	−5.3	0.1	−4.6	−0.1	−0.1	0.1	0.1
7	H	4.7	−5.6	−0.1	−4.6	−0.7	−5.3	−0.1	0.1	0.1	−0.1

4* Frame lines: 4 5 6

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	A	0.3	0.1	1.4	−1.4	−1.6	−0.5	−0.7	−1.4	1.6	−2.2	−1.5	0.0
1	C	0.9	0.3	4.9	−5.4	−3.2	−4.0	−1.8	−3.6	4.0	−4.5	−2.8	0.0
1	F	0.9	0.3	4.9	−3.2	−5.4	−1.8	−4.0	−3.6	4.0	−2.8	−4.5	0.0
1	H	0.3	0.1	1.4	−1.6	−1.4	−0.7	−0.5	−1.4	1.6	−1.5	−2.2	0.0
7	G	0.4	0.0	0.0	0.0	0.0	0.0	0.0	−0.5	0.5	0.0	0.0	0.0
7	B	0.4	0.0	0.0	0.0	0.0	0.0	0.0	−0.5	0.5	0.0	0.0	0.0

Frm Line	Col Line	Seis Right Vert
1	A	0.0
1	C	0.0
1	F	0.0
1	H	0.0
7	G	0.0
7	B	0.0

ANCHOR BOLT SUMMARY

	Qty	Locate	Dia (in)	Type	Projection (in)
⊠	12	Jamb	5/8"	A307	1.50
⊕	24	Endwall	3/4"	GR36	1.50
⊕	48	Frame	3/4"	GR36	2.50
⊕	8	PC	3/4"	GR36	1.50

BUILDING BRACING REACTIONS

Wall Loc	Col Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel Shear (lb/ft) Wind	Seis	Note
L_EW	1	C,F	2.7	3.0	0.2	0.2			
F_SW	H	3,4	3.4	2.5	0.5	0.4			
		5,6	3.4	2.5	0.5	0.4			
R_EW	7								(h)
B_SW	A	6,5	4.7	3.4	0.7	0.5			

(h)Rigid frame at endwall

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Building reactions are based on the following building data:

Width (ft)	= 50.0
Length (ft)	= 150.0
Eave Height (ft)	= 20.0/ 20.0
Roof Slope (Rise/12)	= 3.0/ 3.0
Dead Load (psf)	= 2.0
Collateral Load (psf)	= 1.0
Roof Live Load(psf)	= 20.0
Frame Live Load(psf)	= 12.0
Wind Speed (mph)	= 119.0
Wind Code	= FBC 20 (IBC 18)
Exposure	= B
Enclosed/Open/Partial	= ENCLOSED
Importance Wind	= 1.00
Importance Seismic	= 1.00
Seismic Zone	= B
Seismic Coeff (Fa*Ss)	= 0.14

ISSUE	DET	CHK	DATE

BUILDING "A"

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

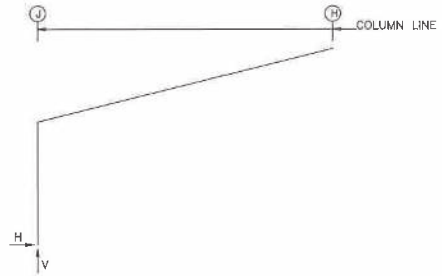
JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: ANCHOR BOLT REACTIONS

DRAWING NO: PAGE 1.2 DRAWN BY: DAR CHECKED BY: SPW SCALE: NONE

FRAME LINES: 6 5 4 3



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
6*	J	4	0.750	6.000	8.000	0.625	0.0

6* Frame lines: 6 5 4

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
3	J	4	0.750	6.000	8.000	0.375	0.0

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
7	J	4	0.750	8.000	8.000	0.375	0.0
7	I	4	0.750	8.000	8.000	0.250	0.0

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Projection (in)
⊕ 8	Endwall	3/4"	GR36	1.50
⊕ 16	Frame	3/4"	GR36	2.50
⊕ 4	WindCol	3/4"	GR36	2.50

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel Shear (lb/ft) Wind	Seis	Note
L_EW	7	Bracing Not Used					0	0	
F_SW	H								(e)
R_EW	3								(h)
B_SW	J	5							(g)

(e)Bracing loads must be applied to supporting building
(g)Wind column at column line
(h)Rigid frame at endwall

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.

1

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert
3	J	0.0	0.7	0.0	0.2	0.1	3.2	-0.2	-8.1	1.5	-5.2	-1.8	-0.8
6*	J	0.0	1.1	0.0	0.4	0.1	4.5	0.0	-10.7	2.6	-9.3	-3.1	-0.2

Frame Line	Column Line	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert
3	J	-0.2	0.2	1.5	-5.9	1.5	-4.5
6*	J	-0.5	1.1	2.8	-11.6	2.9	-8.8

6* Frame lines: 6 5 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

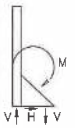
Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind Press Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert	Seis Left Vert	Seis Right Vert
7	J	0.3	0.1	1.5	-1.9	-1.0	0.2	0.7	-1.0	1.1	-1.9	-1.5	0.0	0.0
7	I	0.7	0.2	4.6	-6.2	-4.7	-1.3	0.1	-2.6	2.8	-6.2	-4.4	0.0	0.0

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Building reactions are based on the following building data:

Width (ft)	= 30.0
Length (ft)	= 100.3
Eave Height (ft)	= 12.5/ 20.0
Roof Slope (Rise/12)	= 3.0
Dead Load (psf)	= 2.0
Collateral Load (psf)	= 1.0
Roof Live Load(psf)	= 20.0
Frame Live Load	
Min(psf)	= 12.0
Max(psf)	= 16.4
Wind Speed (mph)	= 119.0
Wind Code	= FBC 20 (IBC 18)
Exposure	= B
Enclosed/Open/Partial	= PARTIALLY ENCLOSED
Importance Wind	= 1.00
Importance Seismic	= 1.00
Seismic Zone	= B
Seismic Coeff (Fa*Ss)	= 0.14

WIND COLUMN REACTIONS



Wall Loc	Wall Line	Col Line	R/L	Load_ID	± Reactions Horz (k)	Vert (k)	Moment (f-k)	Anc_Bolt Qty	Dia	Base_Plate(in) Width	Length	Thick
B_SW	J	5	L	Wind	1.8	21.2	21.2	4	0.750	6.000	8.000	0.375
				Seismic	0.7	7.9	7.9					

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

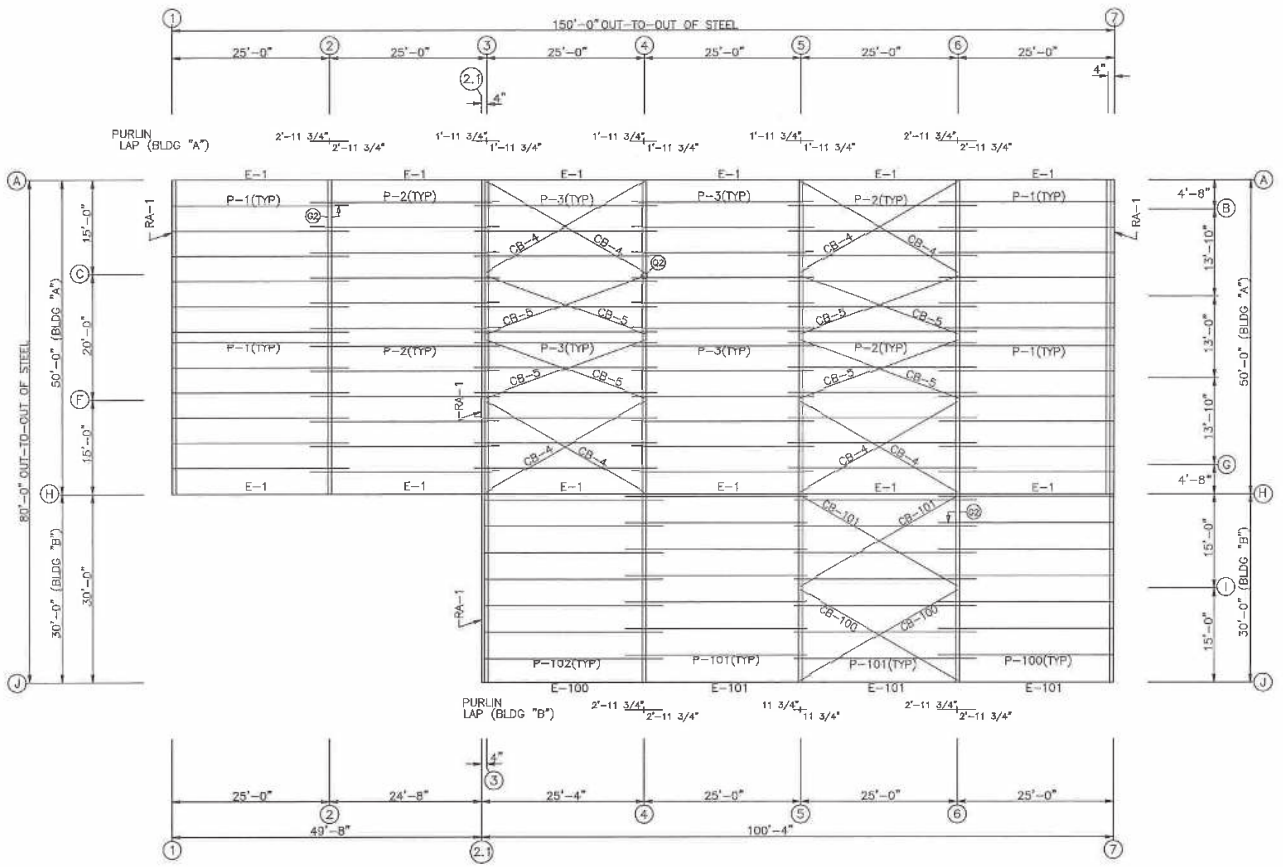
CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: ANCHOR BOLT REACTIONS

DRAWING NO	DRAWN BY	ENGINEER BY	SCALE
PAGE 1.3	DAR	SPW	NONE



ROOF FRAMING PLAN

MEMBER TABLE
ROOF PLAN

MARK	PART	LENGTH
7733-A		
P-1	8x25Z14	27'-11 1/2"
P-2	8x25Z16	29'-11 1/2"
P-3	8x25Z16	28'-11 1/2"
E-1	8LE14@3	24'-11 1/2"
CB-4	1/4 CBL	29'-0"
CB-5	1/4 CBL	27'-4"
7733-B		
P-100	8x25Z14	27'-11 1/2"
P-101	8x25Z14	28'-11 1/2"
P-102	8x25Z14	28'-3 1/2"
E-100	8LE14@3	25'-3 1/2"
E-101	8LE14@3	24'-11 1/2"
CB-100	1/4 CBL	29'-3"
CB-101	1/4 CBL	29'-7"

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 | DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: ROOF FRAMING LAYOUT

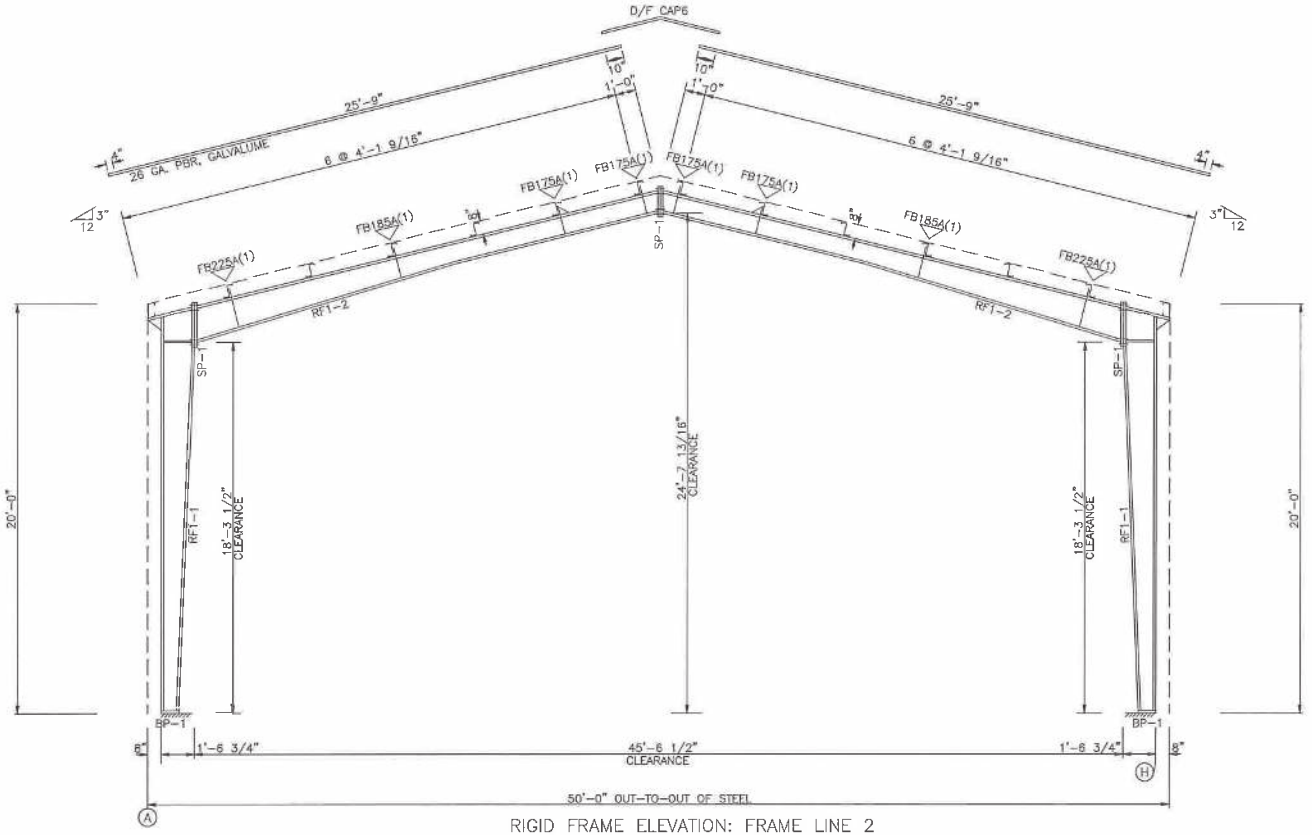
DRAWING NO.	DRAWN BY	CHECKED BY	SCALE
PAGE 2	DAR	SPW	NONE

SPLICE BOLT TABLE						
MARK	Qty Top	Bot	Int	TYPE	DIA	Length
SP-1	4	4	0	A325	5/8"	2"

BASE PLATE TABLE			
COL MARK	PLATE SIZE Width	THICK	Length
BP-1	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 Start/End	Web PLATE THICK	Web PLATE Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	493	7.5/10.4	0.188	4'-10 11/16"	6 x 1/4" x 19'-5 1/8"	6 x 1/2" x 17'-10 3/4"
		10.4/18.0	0.188	14'-11"	6 x 1/4" x 2'-3"	
RF1-2	381	18.0/10.0	0.135	13'-2 1/2"	5 x 1/4" x 20'-0"	5 x 1/4" x 13'-2 11/16"
		10.0/10.0	0.135	10'-6 13/16"	5 x 1/4" x 3'-4 11/16"	5 x 1/4" x 10'-4 3/16"



RIGID FRAME ELEVATION: FRAME LINE 2

ISSUE	DET	CHK	DATE

BUILDING "A"

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: RIGID FRAME CROSS SECTION

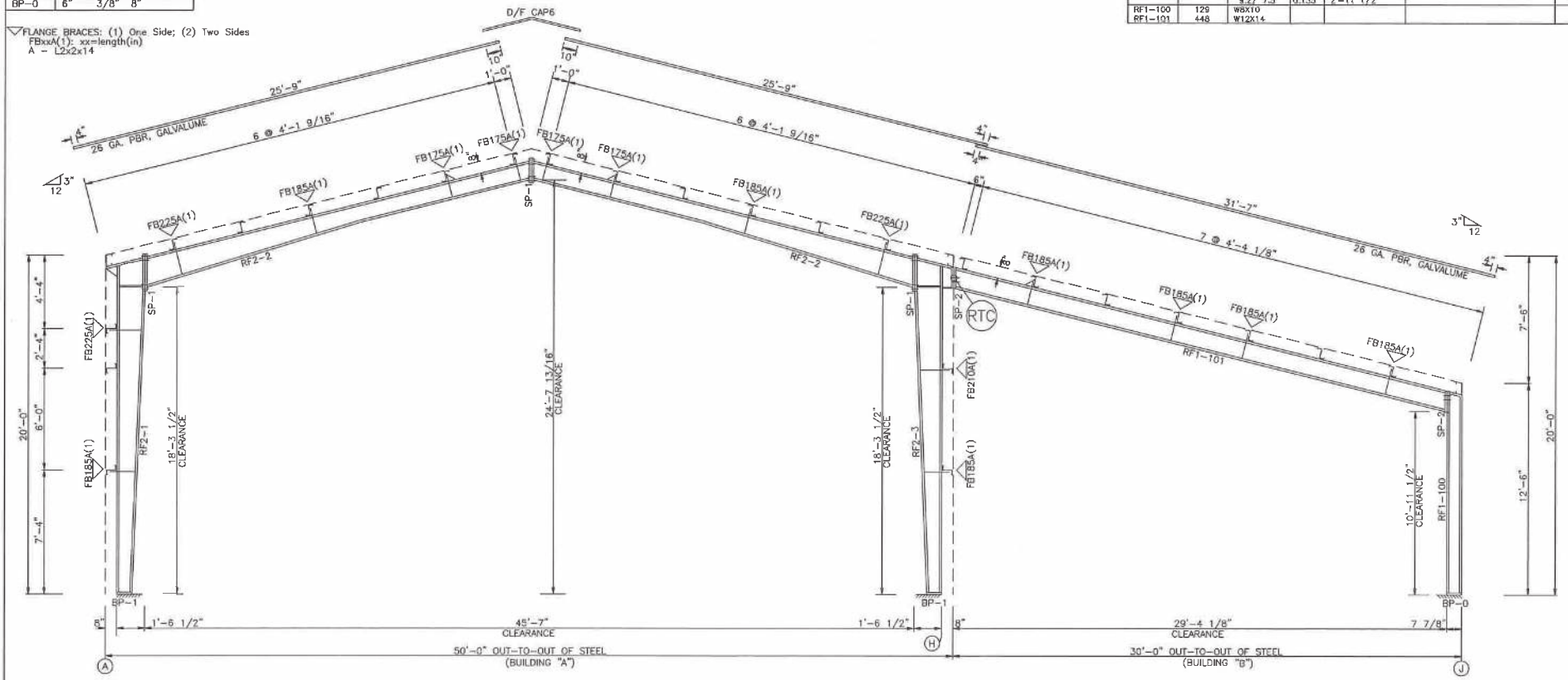
DRAWING NO: PAGE 2.1 | DRAWN BY: DAR | CHECKED BY: SPW | SCALE: NONE

SPLICE BOLT TABLE						
MARK	Qty Top	Bot	Int	TYPE	DIA	Length
SP-1	4	4	0	A325	5/8"	2"
SP-2	4	0	0	A325	5/8"	2"

BASE PLATE TABLE			
COL MARK	PLATE SIZE Width	THICK	Length
BP-0	6"	3/8"	8"

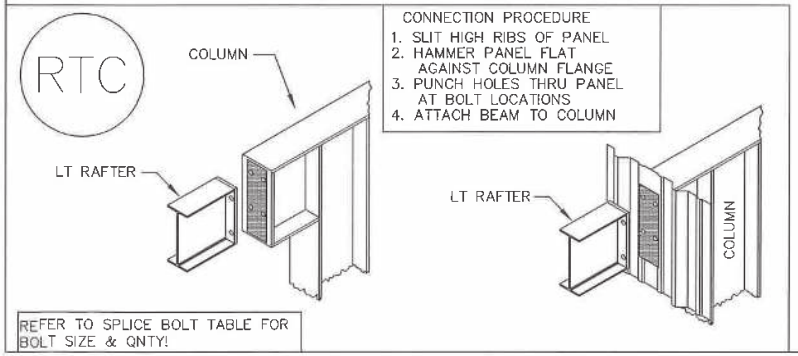
MEMBER TABLE						
MARK	Weight	Web Depth Start/End	Web PLATE THICK	Web PLATE Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF2-1	339	7.5/ 9.2	0.135	2'-11 1/2"	5 x 1/4" x 19'-5 1/8"	5 x 1/4" x 17'-10 3/4"
		9.2/18.0	0.135	14'-11"	5 x 1/4" x 2'-3"	
		18.0/18.0	0.188	1'-11 3/16"		
RF2-2	382	18.0/10.0	0.135	13'-2 1/2"	5 x 1/4" x 20'-0"	5 x 1/4" x 13'-2 11/16"
		10.0/10.0	0.135	10'-6 13/16"	5 x 1/4" x 3'-4 11/16"	5 x 1/4" x 10'-4 3/16"
RF2-3	352	18.0/18.0	0.188	1'-11 3/16"	5 x 1/4" x 2'-2 3/4"	5 x 1/4" x 17'-10 3/4"
		18.0/ 9.2	0.135	14'-11"	5 x 1/4" x 19'-5 1/8"	
		9.2/ 7.5	0.135	2'-11 1/2"		
RF1-100	129	W8X10				
RF1-101	448	W12X14				

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



RIGID FRAME ELEVATION: FRAME LINE 3

NOTE: BUILDING "B" FRAMING IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.



CONNECTION PROCEDURE
1. SLIT HIGH RIBS OF PANEL
2. HAMMER PANEL FLAT AGAINST COLUMN FLANGE
3. PUNCH HOLES THRU PANEL AT BOLT LOCATIONS
4. ATTACH BEAM TO COLUMN

REFER TO SPLICE BOLT TABLE FOR BOLT SIZE & QNTY!

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

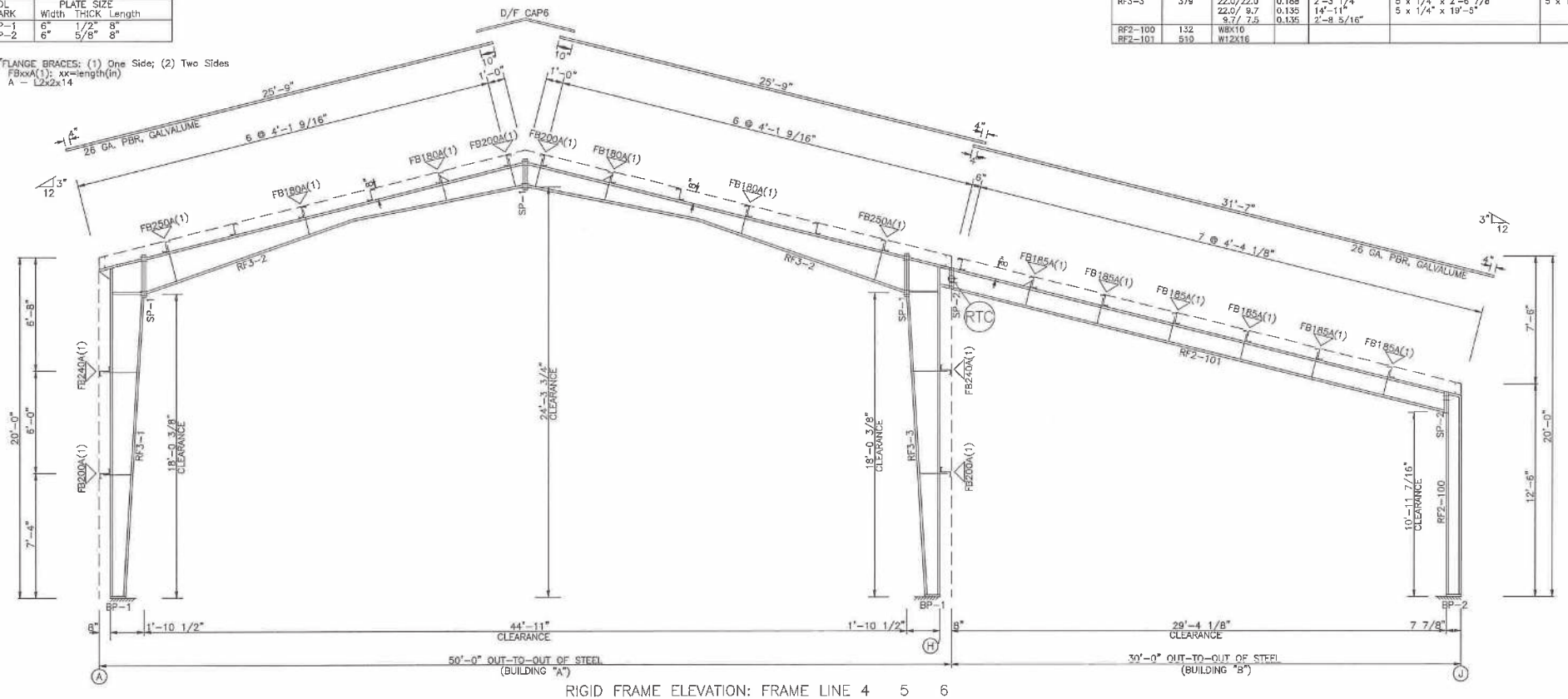
CUSTOMER: SPENCER TAYLOR
JOB NO.: 7733
DATE: 11/23/22
LOCATION: LAKE CITY, FL 32025
DRAWING NAME: RIGID FRAME CROSS SECTION
DRAWING NO.: PAGE 2.2
DRAWN BY: DAR
CHECKED BY: SPW
SCALE: NONE

SPLICE BOLT TABLE						
MARK	Qty Top	Bot	Int	TYPE	DIA	Length
SP-1	4	4	0	A325	5/8"	2"
SP-2	4	0	0	A325	5/8"	2"

BASE PLATE TABLE			
COL MARK	PLATE SIZE Width	THICK	Length
BP-1	6"	1/2"	8"
BP-2	6"	5/8"	8"

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

MEMBER TABLE						
MARK	Weight	Web Depth Start/End	Web PLATE: THICK	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF3-1	367	7.5/ 9.7	0.135	2'-8 9/16"	5 x 1/4" x 19'-5"	5 x 1/4" x 17'-7 13/16"
		9.7/22.0	0.135	14'-11"	5 x 1/4" x 2'-7 1/8"	
		22.0/22.0	0.188	2'-3 1/4"		
RF3-2	396	22.0/ 8.0	0.135	12'-11 3/8"	5 x 1/4" x 20'-0"	5 x 1/4" x 12'-11 15/16"
		8.0/14.0	0.135	10'-8 13/16"	5 x 1/4" x 3'-0 9/16"	5 x 1/4" x 10'-3 3/8"
RF3-3	379	22.0/22.0	0.188	2'-3 1/4"	5 x 1/4" x 2'-6 7/8"	5 x 1/4" x 17'-7 13/16"
		22.0/ 9.7	0.135	14'-11"	5 x 1/4" x 19'-5"	
		9.7/ 7.5	0.135	2'-8 5/16"		
RF2-100	132	W8X10				
RF2-101	510	W12X16				



RIGID FRAME ELEVATION: FRAME LINE 4 5 6

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

JOB NO.: 7733 | DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: RIGID FRAME CROSS SECTION

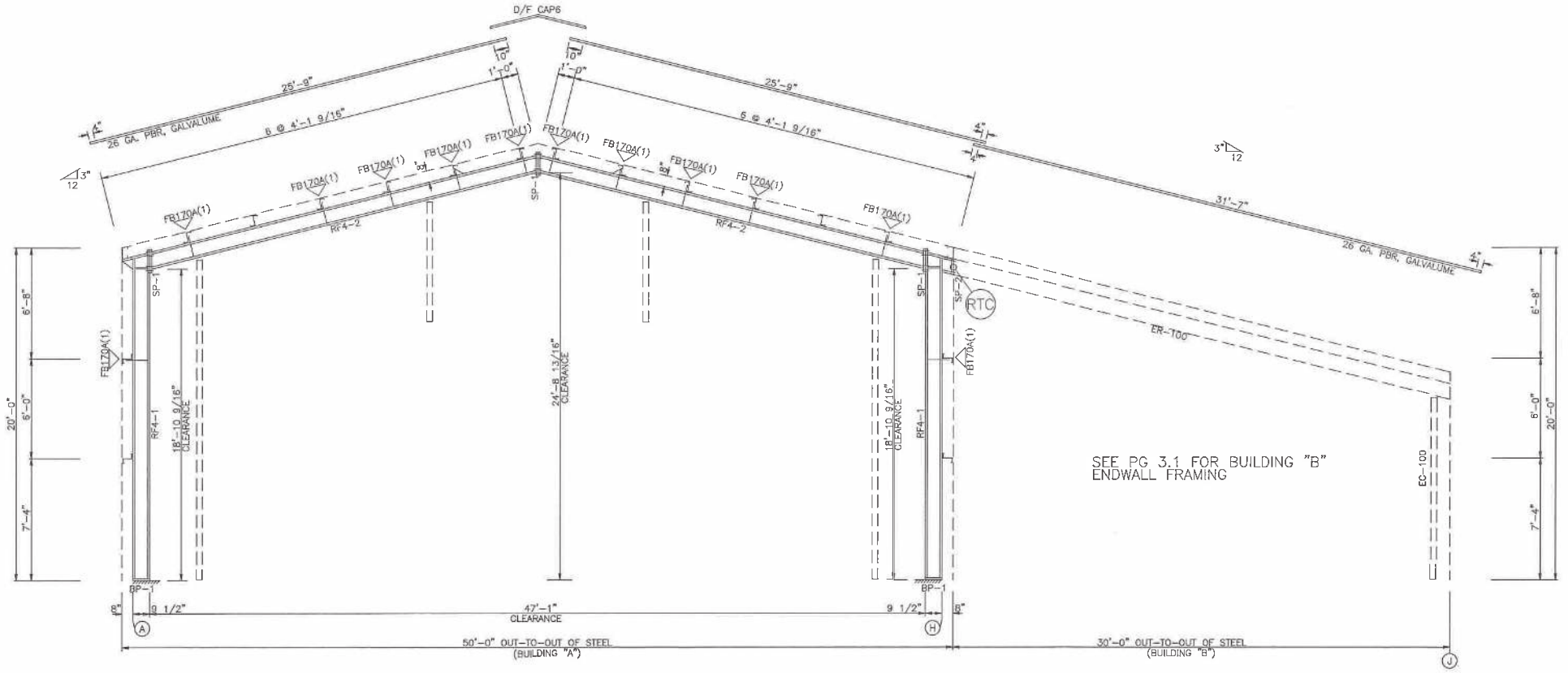
DRAWING PAGE	DRAWN BY	DESIGNED BY	SCALE
PAGE 2.3	DAR	SPW	NONE

SPLICE BOLT TABLE						
MARK	Qty Top	Bot	Int	TYPE	DIA	Length
SP-1	4	4	0	A325	5/8"	2"
SP-2	2	2	0	A325	5/8"	2"

BASE PLATE TABLE			
COL MARK	PLATE SIZE Width	THICK	Length
BP-1	6"	3/8"	9 1/2"

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

MEMBER TABLE						
MARK	Weight	Web Depth Start/End	Web PLATE THICK	Web PLATE Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF4-1	287	9.0/ 9.0	0.135	3'-6 7/16"	5 x 1/4" x 19'-5 1/8"	5 x 1/4" x 18'-5 7/16"
		9.0/ 9.0	0.135	14'-11"	5 x 1/4" x 1'-5 11/18"	
		9.0/ 9.0	0.250	1'-2"		
RF4-2	354	9.0/ 9.0	0.135	14'-11"	5 x 1/4" x 20'-0"	5 x 1/4" x 20'-0"
		9.0/ 9.0	0.135	9'-5 1/8"	5 x 1/4" x 4'-1 13/16"	5 x 1/4" x 4'-1 13/16"

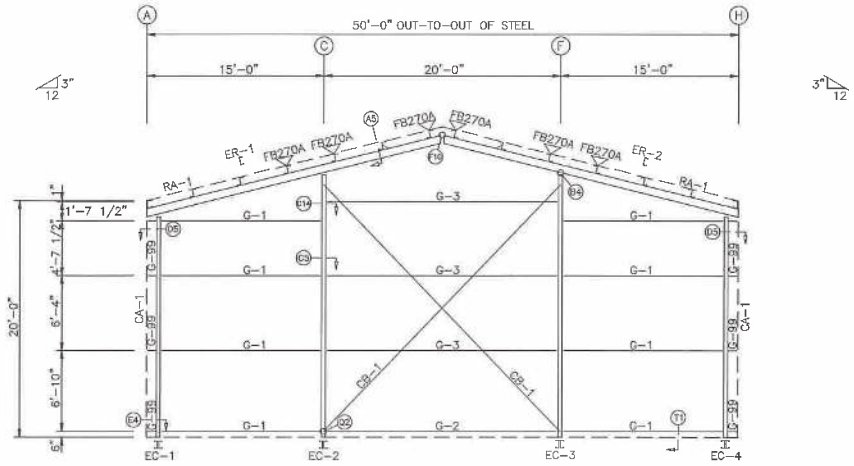


RIGID FRAME ELEVATION: FRAME LINE 7

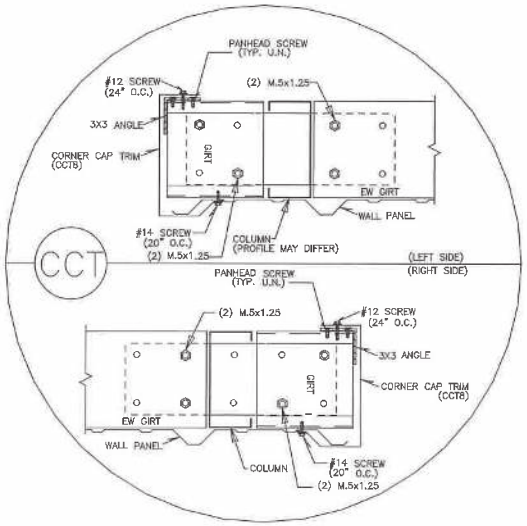
NOTE: THE FRAMING AS DEPICTED ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

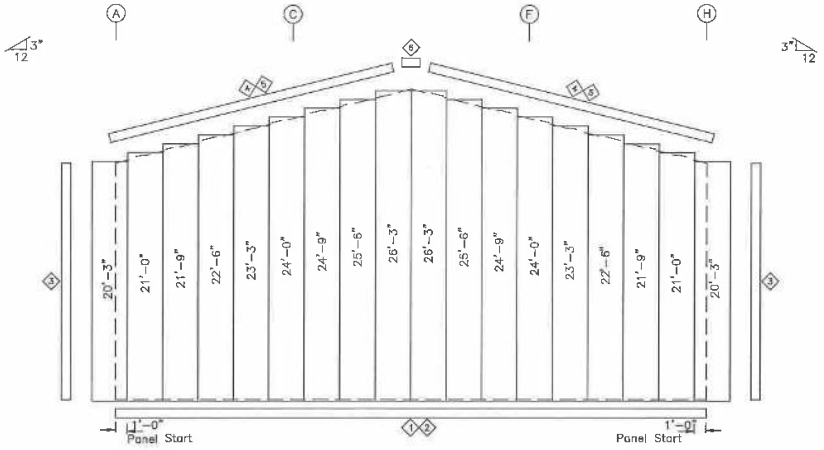
6

ISSUE	DET	CHK	DATE
BUILDINGS AND MORE			
CUSTOMER: SPENCER TAYLOR			
JOB NO: 7733	DATE: 11/23/22		
LOCATION: LAKE CITY, FL 32025			
DRAWING NAME: RIGID FRAME CROSS SECTION			
DRAWING NO: PAGE 2.4	DRAWN BY: DAR	CHECKED BY: SPW	SCALE: NONE



ENDWALL FRAMING: FRAME LINE 1





ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. PBR – CHARCOAL GRAY

BOLT TABLE
FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	2"
Columns/Raf	2	A325	5/8"	2"

TRIM TABLE
FRAME LINE 1

◇ID	PART	LENGTH	DETAIL
1	MOD BASE TRM	20'-3"	TRIM_99
2	MOD BASE TRM	10'-3"	TRIM_99
3	CCT8	20'-2"	CCT
4	RAKE TRM	20'-3"	TRIM_3
5	RAKE TRM	5'-10"	TRIM_3
6	PEAK BOX	1'-4"	TRIM_4

MEMBER TABLE
FRAME LINE 1

MARK	PART	LENGTH
EC-1	8X7DC16	18'-8 1/2"
EC-2	8X7DC12	22'-2 1/2"
EC-3	8X7DC12	22'-2 1/2"
EC-4	8X7DC16	18'-8 1/2"
ER-1	8X35C12	25'-9"
ER-2	8X35C12	25'-9"
G-1	8x25Z16	13'-3 1/2"
G-2	8x25Z16	19'-3 1/2"
G-3	8x25Z14	19'-3 1/2"
G-99	8x25Z16	7 1/2"
CB-1	1/4 CBL	29'-10"

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

ISSUE	DET	CHK	DATE

BUILDING "A"

BUILDINGS AND MORE

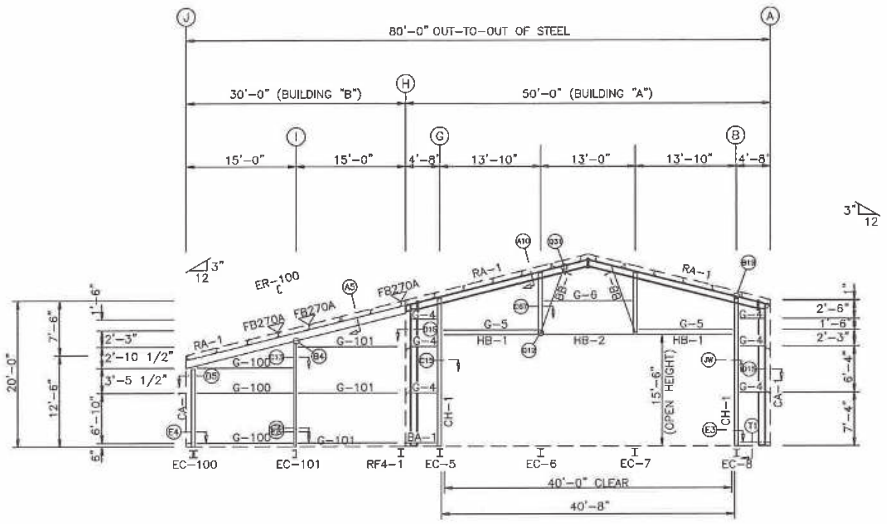
CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

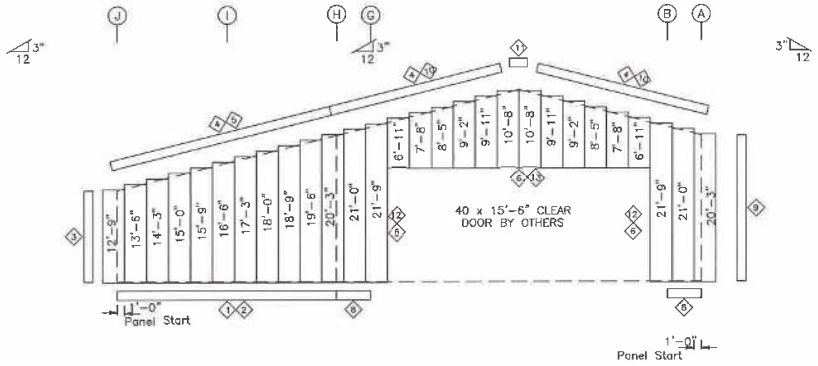
LOCATION: LAKE CITY, FL 32025

DRAWING NAME: FRAMING & SHEETING LAYOUT

DRAWING NO: PAGE 3 | DRAWN BY: DAR | CHECKED BY: SPW | SCALES: NONE

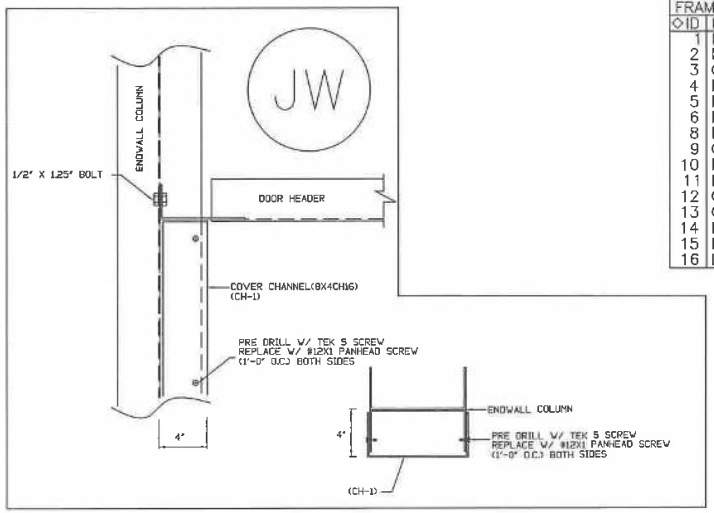


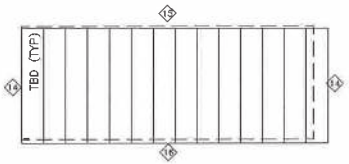
ENDWALL FRAMING: FRAME LINE 7



ENDWALL SHEETING & TRIM: FRAME LINE 7

PANELS: 26 Ga. PBR - CHARCOAL GRAY





DOOR SHEETING & TRIM

PANELS: 26 Ga. PBR - CHARCOAL GRAY

BOLT TABLE
FRAME LINE 7

LOCATION	QUAN	TYPE	DIA	LENGTH
7733-A				
Columns/Raf	2	A325	5/8"	2"
Back Braces	1	A325	5/8"	2"
7733-B				
EC-100/ER-100	2	A325	5/8"	2"
EC-101/ER-100	2	A325	5/8"	2"
ER-100/RF4-1	2	A325	5/8"	2"

TRIM TABLE
FRAME LINE 7

◇ID	PART	LENGTH	DETAIL
1	MOD BASE TRM	20'-3"	TRIM_99
2	MOD BASE TRM	10'-3"	TRIM_99
3	CCT8	12'-8"	TRIM_5
4	RAKE TRM	20'-3"	TRIM_3
5	RAKE TRM	11'-0"	TRIM_3
6	R HEAD	13'-10"	TRIM_6
8	BASE TRM	4'-11"	TRIM_16
9	O/S CORN	20'-2"	TRIM_5
10	RAKE TRM	5'-10"	TRIM_3
11	PEAK BOX	1'-4"	TRIM_4
12	CT8	15'-6"	TRIM_11
13	CT8	13'-10"	TRIM_10
14	R JAMB	15'-8"	
15	R HEAD	20'-3"	
16	DBL DRIP	20'-3"	

MEMBER TABLE
FRAME LINE 7

MARK	PART	LENGTH
7733-A		
HB-1	8X35C16	13'-1 1/2"
HB-2	8X35C16	12'-3 1/2"
BB-1	T4x188	25'-3 3/8"
EC-5	W8X18	19'-5 15/16"
EC-6	W8X10	7'-5 7/16"
EC-7	W8X10	7'-5 7/16"
EC-8	W8X18	19'-5 15/16"
CH-1	8X4CH12	15'-6"
G-4	8x25Z16	2'-10"
G-5	8x25Z16	13'-1 1/2"
G-6	8x25Z16	12'-3 1/2"
7733-B		
EC-100	8X7DC16	11'-2 1/2"
EC-101	8X35C12	14'-8 1/2"
ER-100	8X35C12	30'-10 13/16"
G-100	8x25Z16	13'-3 1/2"
G-101	8x25Z16	14'-3 1/2"

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

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

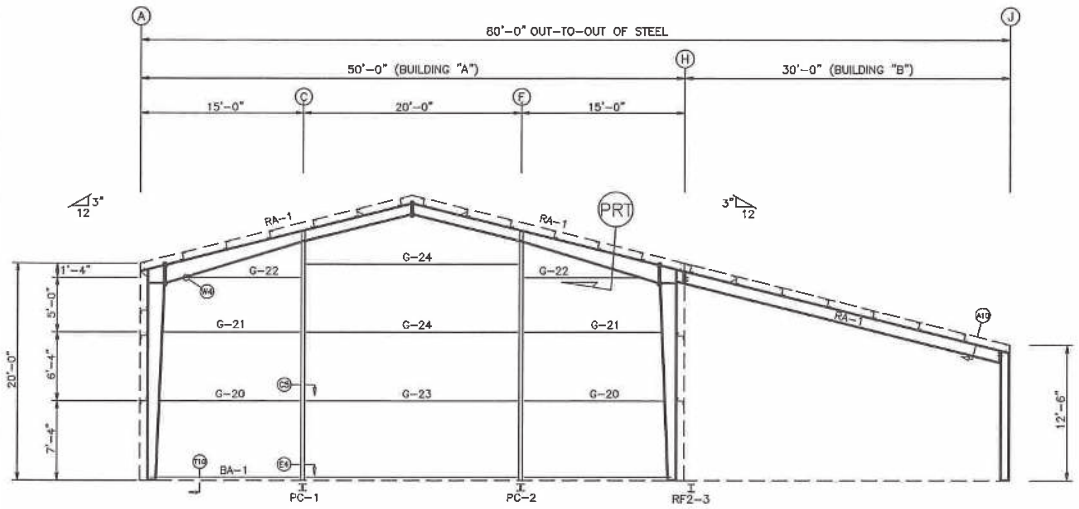
CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

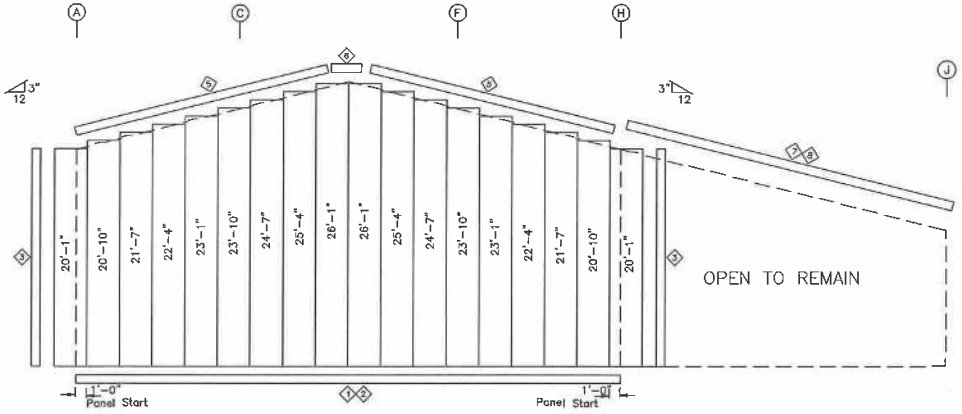
LOCATION: LAKE CITY, FL 32025

DRAWING NAME: FRAMING & SHEETING LAYOUT

DRAWING NO: PAGE 3.1 DRAWN BY: DAR CHECKED BY: SPW SCALE: NONE

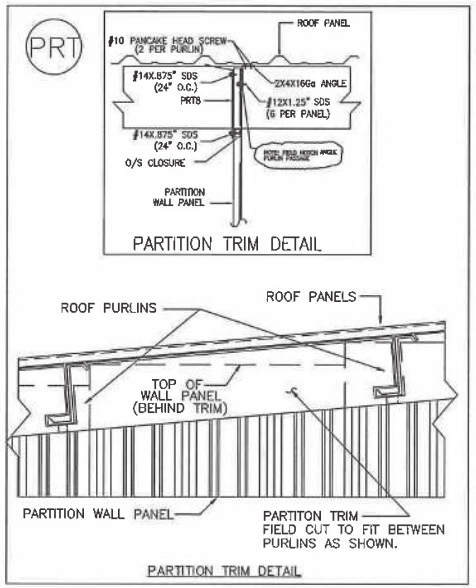


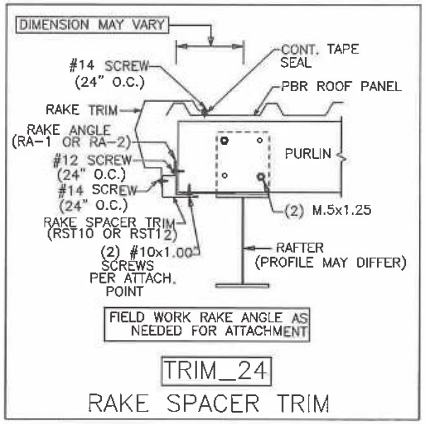
ENDWALL FRAMING: FRAME LINE 3



ENDWALL SHEETING & TRIM: FRAME LINE 2.1

PANELS: 26 Ga. PBR – CHARCOAL GRAY





MEMBER TABLE
FRAME LINE 3

MARK	PART	LENGTH
PC-1	8X7DC12	21'-11 15/16"
PC-2	8X7DC12	21'-11 15/16"
G-20	8x25Z16	12'-11 3/16"
G-21	8x25Z16	12'-7 1/2"
G-22	8x25Z16	11'-1 7/16"
G-23	8x25Z12	19'-3 1/2"
G-24	8x25Z14	19'-3 1/2"

TRIM TABLE
FRAME LINE 2.1

◇ID	PART	LENGTH	DETAIL
1	BASE TRIM	20'-3"	TRIM_16
2	BASE TRIM	10'-3"	TRIM_16
3	O/S CORN	20'-2"	TRIM_5
5	PRT8	5'-0"	PRT
6	PRT8	3'-0"	PRT
7	RAKE TRM	20'-3"	TRIM_24
8	RAKE TRM	11'-0"	TRIM_24

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

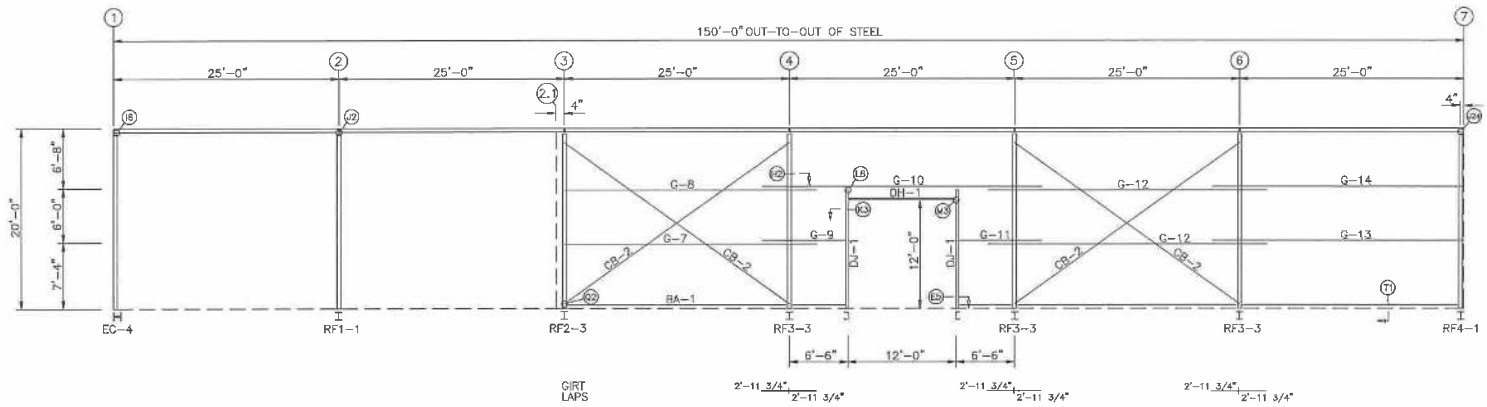
CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

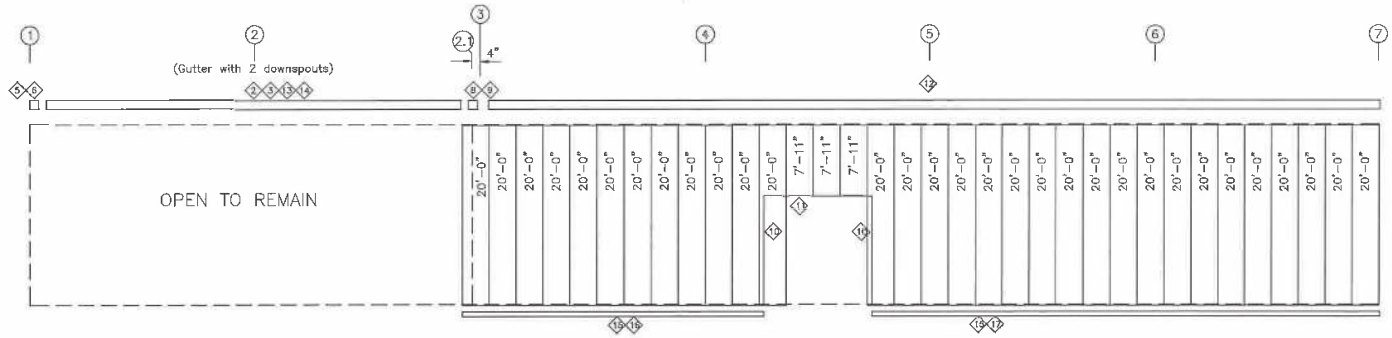
LOCATION: LAKE CITY, FL 32025

DRAWING NAME: FRAMING & SHEETING LAYOUT

DRAWING NO: PAGE 3.2 DRAWN BY: DAR CHECKED BY: SPW SCALE: NONE



SIDEWALL FRAMING: FRAME LINE H



SIDEWALL SHEETING & TRIM: FRAME LINE H

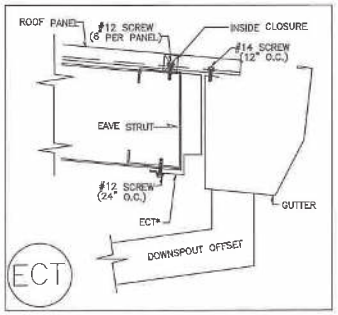
PANELS: 26 Ga. PBR – CHARCOAL GRAY

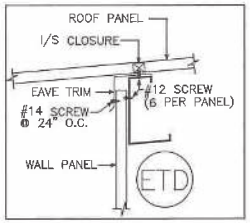
TRIM TABLE
FRAME LINE H

◇ID	PART	LENGTH	DETAIL
1	CCT8	20'-2"	TRIM_5
2	GUTTER	20'-3"	TRIM_1
3	GUTTER	9'-8"	TRIM_1
4	R END LH	6"	TRIM_13
5	GUTEND L	1"	TRIM_2
6	CORBOX L	1'-0"	TRIM_2
8	GUTEND R	1"	TRIM_2
9	I/S CORBOX R	1'-0"	TRIM_2
10	R JAMB	12'-3"	TRIM_8
11	R HEAD	12'-3"	TRIM_61
12	EAVE TRM	20'-3"	ETD
13	ECT8	20'-3"	ECT
14	ECT8	9'-8"	ECT
15	DRIP BASE	20'-3"	TRIM_16
16	DRIP BASE	11'-9"	TRIM_16
17	DRIP BASE	16'-9"	TRIM_16

MEMBER TABLE
FRAME LINE H

MARK	PART	LENGTH
DJ-1	8X35C12	13'-4"
DH-1	8X35C16	12'-0"
G-7	8x25Z14	28'-3 1/2"
G-8	8x25Z16	28'-3 1/2"
G-9	8x25Z16	9'-1 1/2"
G-10	8x25Z16	30'-11 1/2"
G-11	8x25Z16	9'-1 1/2"
G-12	8x25Z16	30'-11 1/2"
G-13	8x25Z14	27'-11 1/2"
G-14	8x25Z16	27'-11 1/2"
CB-2	1/4 CBL	31'-10"





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.

15

ISSUE	DET	CHK	DATE

BUILDING "A"

BUILDINGS AND MORE

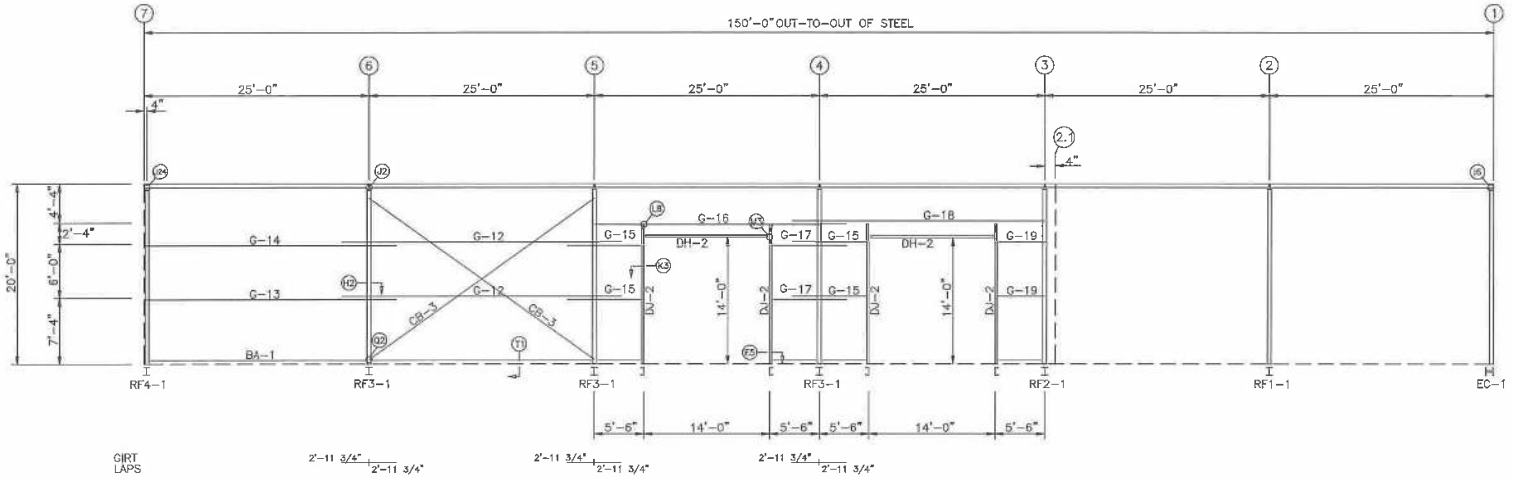
CUSTOMER: SPENCER TAYLOR

JOB NO. 7733 | DATE: 11/23/22

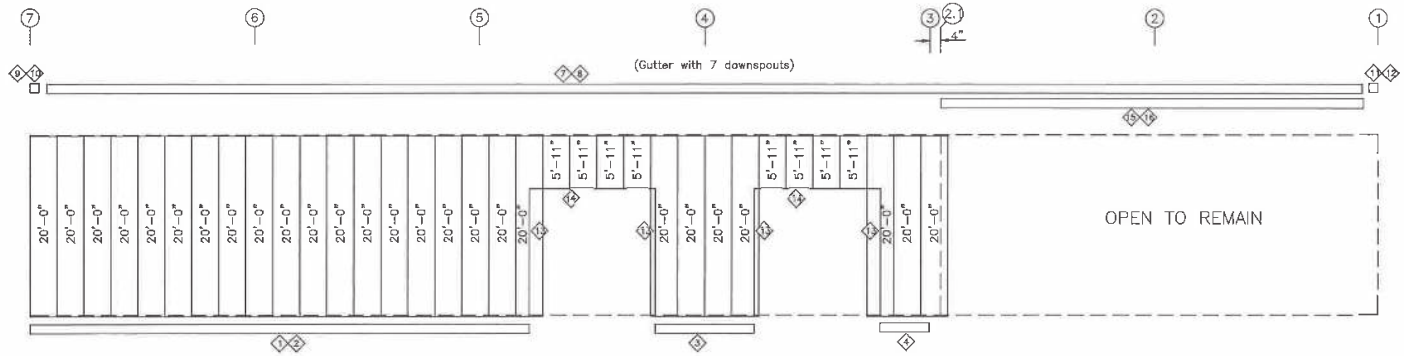
LOCATION: LAKE CITY, FL 32025

DRAWING NAME: FRAMING & SHEETING LAYOUT

DRAWING NO.	DRAWN BY	CHECKED BY	SCALE
PAGE 4	DAR	SPW	NONE



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR – CHARCOAL GRAY

TRIM TABLE
FRAME LINE A

◇ID	PART	LENGTH	DETAIL
1	BASE TRM	20'-3"	TRIM_16
2	BASE TRM	15'-9"	TRIM_16
3	BASE TRM	11'-3"	TRIM_16
4	BASE TRM	5'-9"	TRIM_16
7	GUTTER	20'-3"	TRIM_1
8	GUTTER	10'-0"	TRIM_1
9	GUTEND L	1"	TRIM_2
10	CORBOX L	1'-0"	TRIM_2
11	GUTEND R	1"	TRIM_2
12	CORBOX R	1'-0"	TRIM_2
13	R JAMB	14'-3"	TRIM_8
14	R HEAD	14'-3"	TRIM_61
15	ECT8	20'-3"	ECT
16	ECT8	10'-3"	ECT

MEMBER TABLE
FRAME LINE A

MARK	PART	LENGTH
DJ-2	8X35C12	15'-8"
DH-2	8X35C16	14'-0"
G-12	8x25Z16	30'-11 1/2"
G-13	8x25Z14	27'-11 1/2"
G-14	8x25Z16	27'-11 1/2"
G-15	8x25Z16	8'-1 1/2"
G-16	8x25Z16	28'-3 1/2"
G-17	8x25Z16	8'-1 1/2"
G-18	8x25Z12	28'-3 1/2"
G-19	8x25Z16	5'-5 1/2"
CB-3	5/16 CBL	31'-10"

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.

ISSUE	DET	CHK	DATE

BUILDING "A"

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

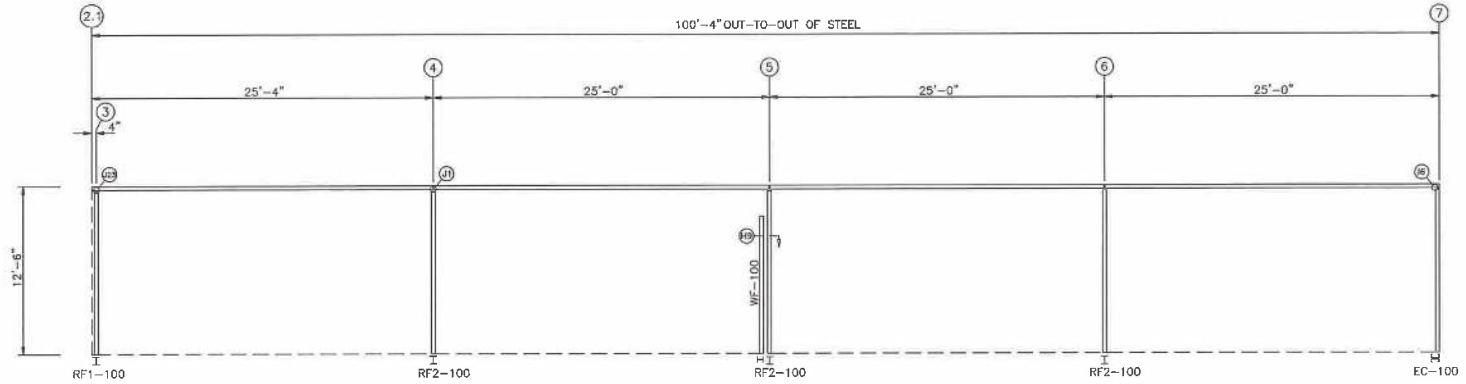
DRAWING NAME: FRAMING & SHEETING LAYOUT

DRAWING NO: PAGE 4.1 | DRAWN BY: DAR | CHECKED BY: SPW | SCALE: NONE

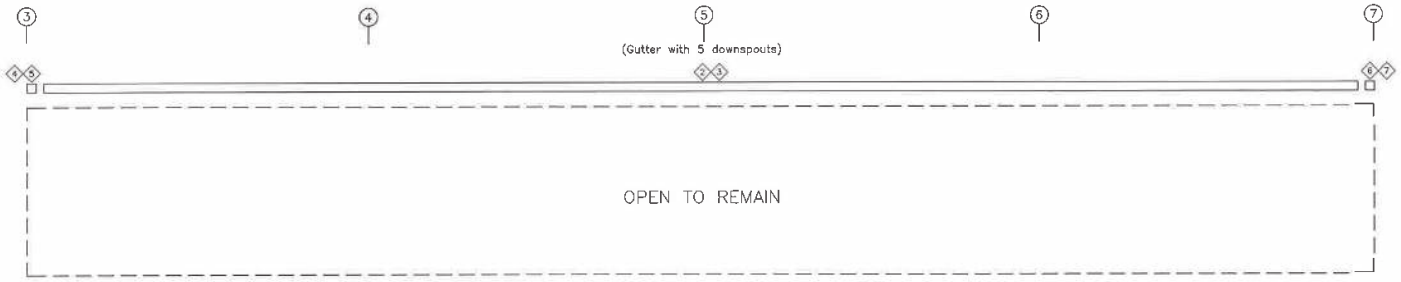
BOLT TABLE FRAME LINE J				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-100 – RF2-100	6	A325	5/8"	2"

TRIM TABLE FRAME LINE J			
◇ID	PART	LENGTH	DETAIL
2	GUTTER	20'-3"	TRIM_1
3	GUTTER	4"	TRIM_1
4	GUTEND L	1"	TRIM_2
5	CORBOX L	1'-0"	TRIM_2
6	GUTEND R	1"	TRIM_2
7	CORBOX R	1'-0"	TRIM_2

MEMBER TABLE FRAME LINE J		
MARK	PART	LENGTH
WF-100	B12541	10'-6"



SIDEWALL FRAMING: FRAME LINE J



SIDEWALL TRIM: FRAME LINE J

GENERAL NOTES:

MEMBER ID, format is (BABCD) or (BAABCD)
B = member type (Builtup), A or AA = member depth in inches
B = flange width in inches, except for (0 = 10 in, 2 = 12 in)
C = flange thickness in 1/16 inch units
D = web thickness (1 = 10 ga. Or 0.1345, 2 = 8 ga. or 0.1640, 3 = 3/16)

ISSUE	DET	CHK	DATE

BUILDING "B"

BUILDINGS AND MORE

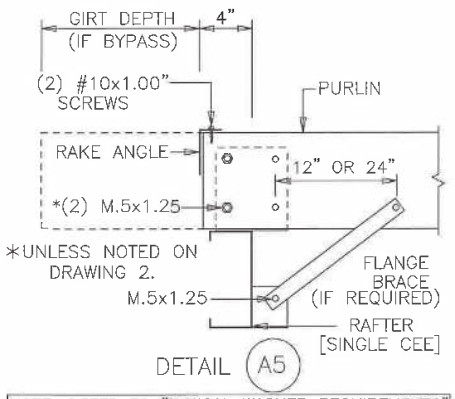
CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

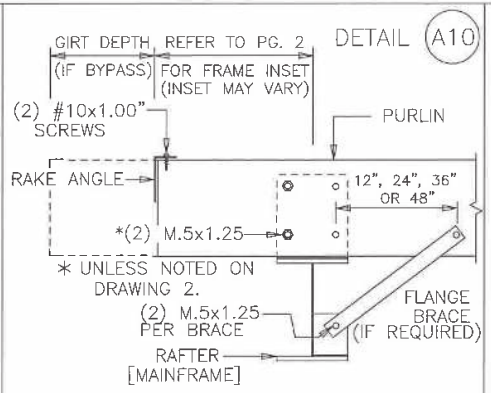
DRAWING NAME: FRAMING & SHEETING LAYOUT

DRAWING NO	DRAWN BY	CHECKED BY	SCALE
PAGE 4.2	DAR	SPW	NONE



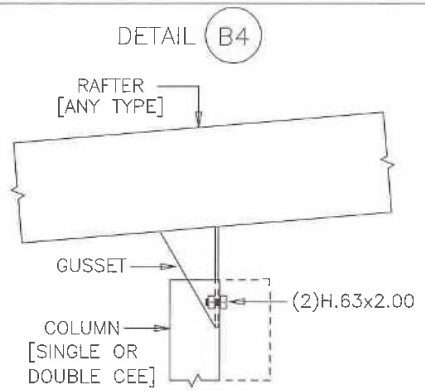
NOTE: REFER TO "TYPICAL WASHER REQUIREMENTS" DETAIL

PURLIN TO ENDWALL RAFTER



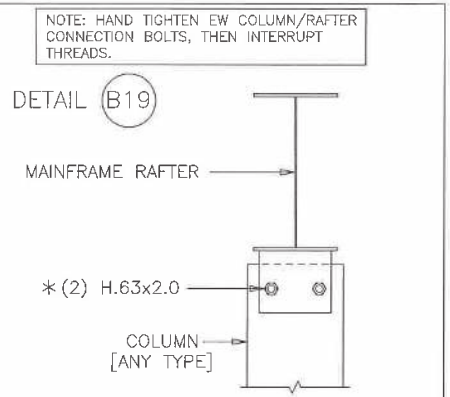
NOTE: REFER TO "TYPICAL WASHER REQUIREMENTS" DETAIL

PURLIN TO ENDWALL RAFTER



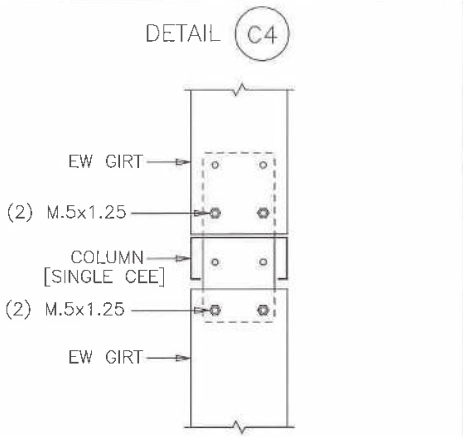
* UNLESS NOTED ON EW FRAMING PLAN

CEE COLUMN / RAFTER CONNECTION

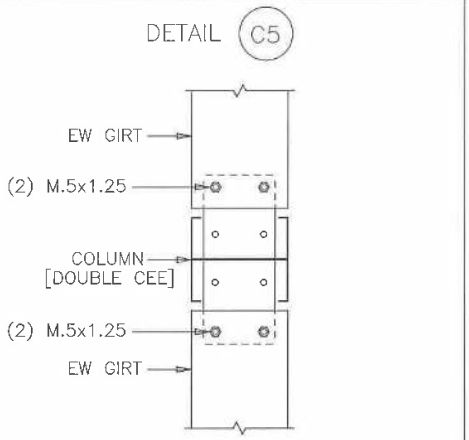


* UNLESS NOTED EW FRAMING OR PARTITION FRAMING PLAN(S)

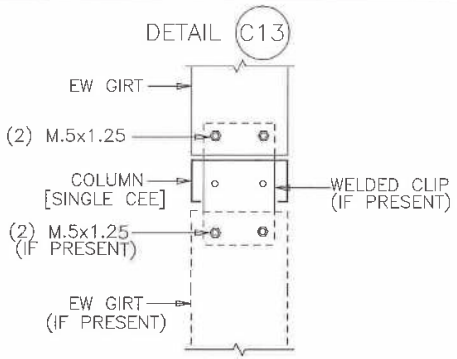
MAINFRAME RAFTER / COLUMN CONNECTION



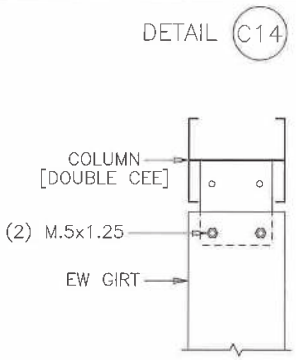
ENDWALL GIRTS TO INTERIOR COLUMN



ENDWALL GIRTS TO INTERIOR COLUMN



ENDWALL GIRT STOPPING AT COLUMN



ENDWALL GIRT STOPPING AT COLUMN

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

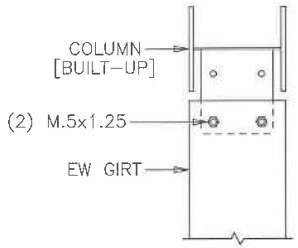
USER PKG: 7733 | DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: FRAMING DETAILS

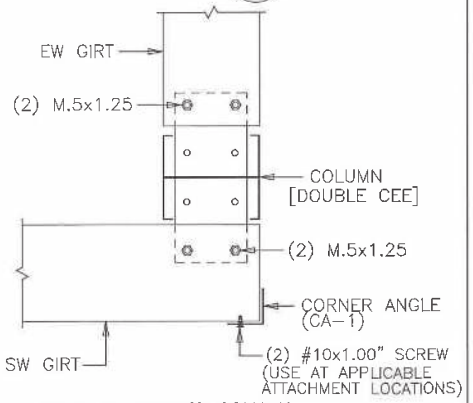
DRAWING PAGE: PAGE 5 | DRAWN BY: DAR | CHECKED BY: SPW | SCALE: NONE

DETAIL C15



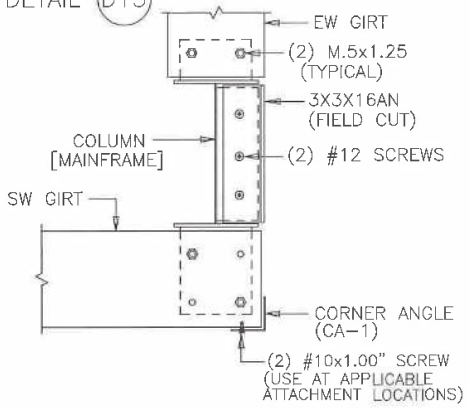
ENDWALL GIRT STOPPING AT COLUMN

DETAIL D5



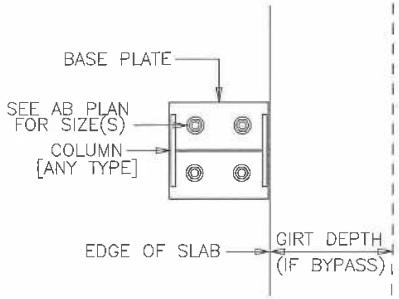
GIRTS TO CORNER COLUMN

DETAIL D15



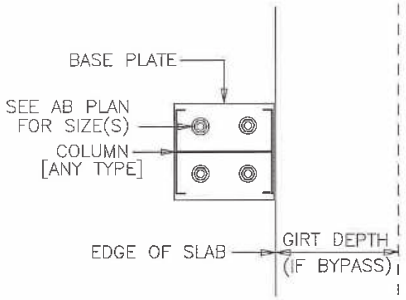
GIRT CONNECTIONS AT RIGID FRAME

DETAIL E3



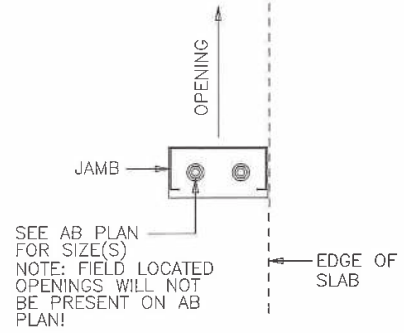
ENDWALL COLUMN BASE DETAIL

DETAIL E4



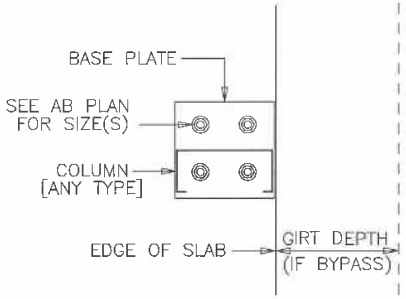
ENDWALL COLUMN BASE DETAIL

DETAIL E5



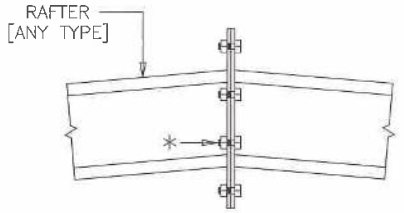
FRAMED OPENING JAMB BASE DETAIL

DETAIL E8



ENDWALL COLUMN BASE DETAIL

DETAIL F10



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

RAFTER DETAIL AT RIDGE

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 | DATE: 11/23/22

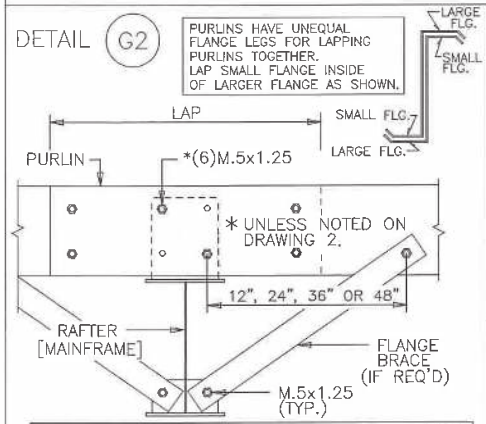
LOCATION: LAKE CITY, FL 32025

DRAWING NAME: FRAMING DETAILS

DRAWING NO:	DRAWN BY:	CHECKED BY:	SCALE:
PAGE 5.1	DAR	SPW	NONE

DETAIL G2

PURLINS HAVE UNEQUAL FLANGE LEGS FOR LAPPING PURLINS TOGETHER. LAP SMALL FLANGE INSIDE OF LARGER FLANGE AS SHOWN.

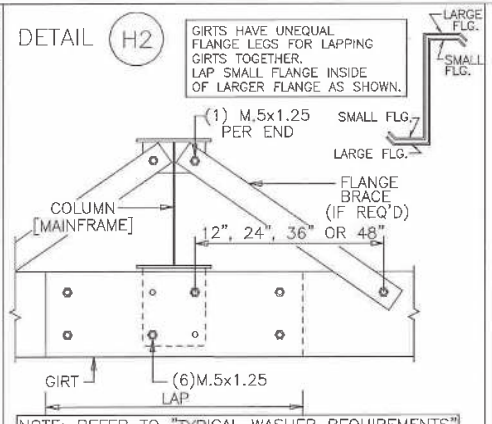


NOTE: REFER TO "TYPICAL WASHER REQUIREMENTS" DETAIL

PURLIN TO MAINFRAME RAFTER

DETAIL H2

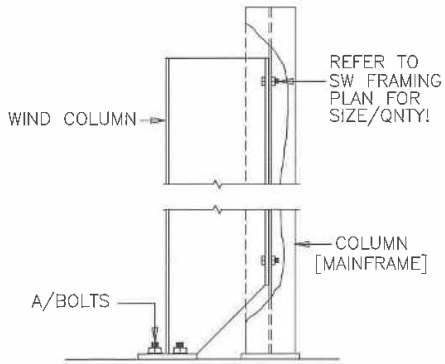
GIRTS HAVE UNEQUAL FLANGE LEGS FOR LAPPING GIRTS TOGETHER. LAP SMALL FLANGE INSIDE OF LARGER FLANGE AS SHOWN.



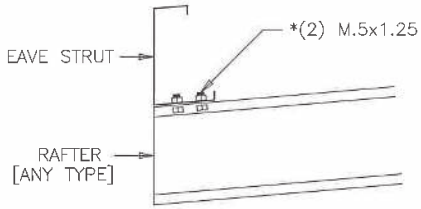
NOTE: REFER TO "TYPICAL WASHER REQUIREMENTS" DETAIL

GIRT TO MAINFRAME COLUMN

DETAIL H9

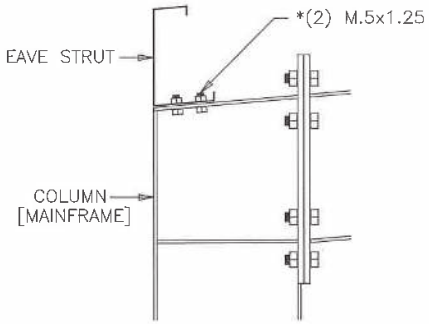


WIND COLUMN DETAIL



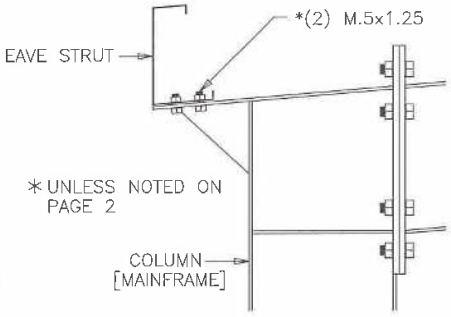
*UNLESS NOTED ON DRAWING 2.

I6 EAVE STRUT CONNECTION AT ENDWALL

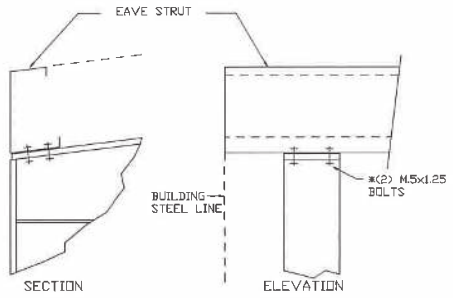


*UNLESS NOTED ON DRAWING 2.

J1 EAVE STRUT CONNECTION AT MAINFRAME

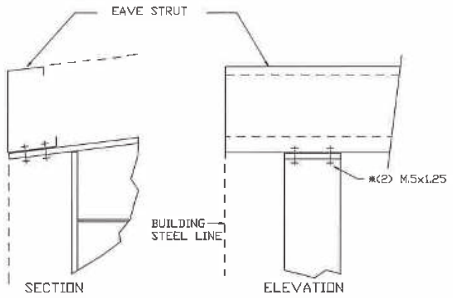


J2 EAVE STRUT CONNECTION AT MAINFRAME



* = UNLESS NOTED ON ROOF FRAMING PLAN

J23 EAVE STRUT TO RIGID FRAME



* = UNLESS NOTED ON ROOF FRAMING PLAN

J24 EAVE STRUT TO RIGID FRAME

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

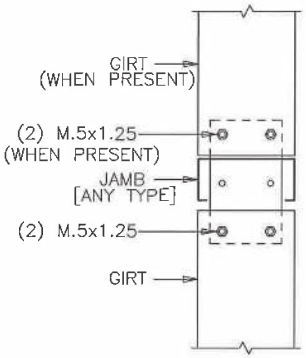
JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: FRAMING DETAILS

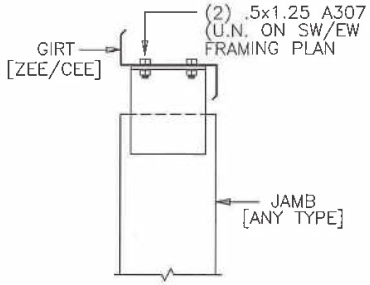
DRAWING NO.	DRAWN BY:	CHECKED BY:	SCALE:
PAGE 5.2	DAR	SPW	NONE

DETAIL K3



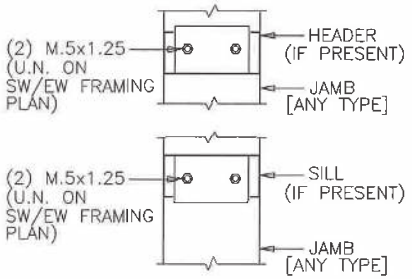
GIRTS TO JAMB

DETAIL L8



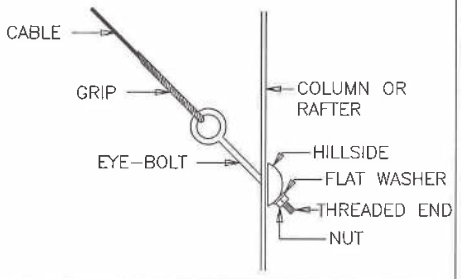
FRAMED OPENING JAMB TO GIRT

DETAIL M3

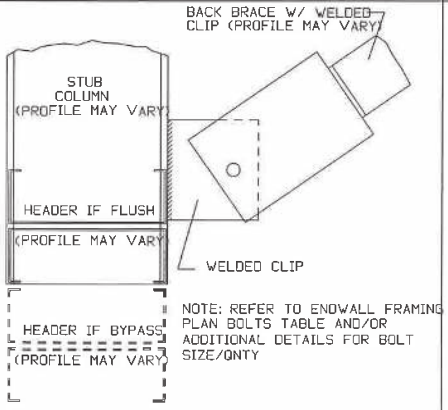


FRAMED OPENING HEADER/SILL TO JAMB

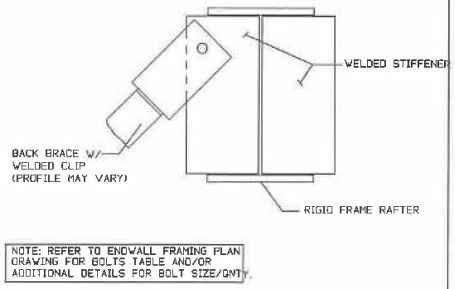
Q2 CABLE INSTALLATION DETAIL



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

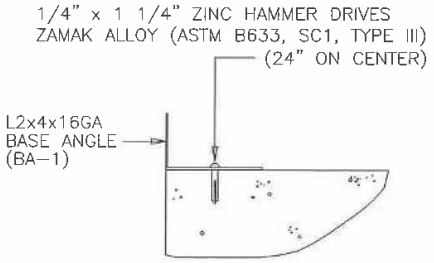


Q12 BACK BRACE TO STUB COLUMN



Q31 BACK BRACE TO RIGID FRAME RAFTER

DETAIL T1



BASE ANGLE DETAIL

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

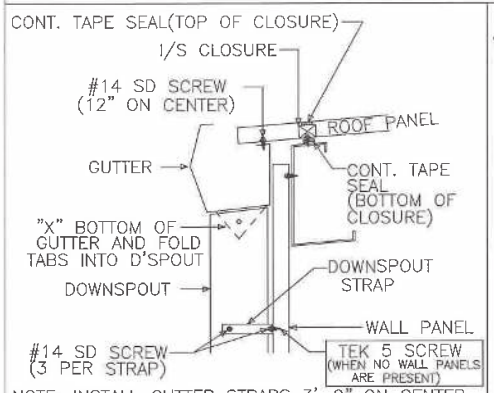
CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

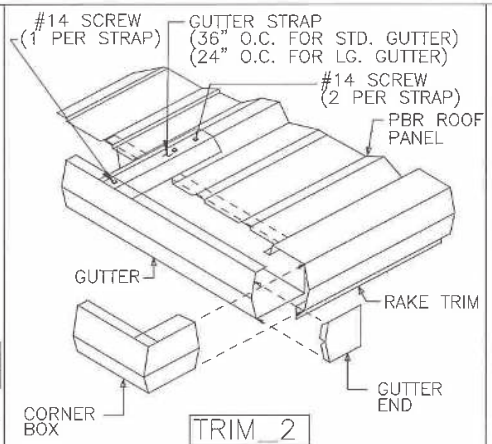
DRAWING NAME: FRAMING DETAILS

DRAWING NO	DRAWN BY	CHECKED BY	SCALE
PAGE 5.3	DAR	SPW	NONE

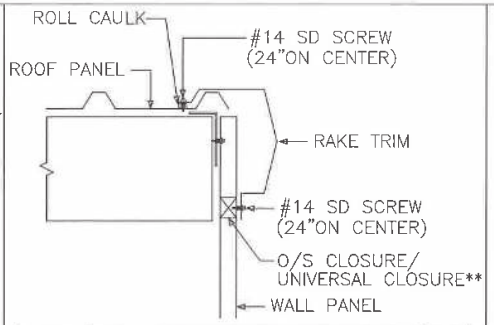


NOTE: INSTALL GUTTER STRAPS 3'-0" ON CENTER.
NOTE: INSTALL D'SPOUT STRAPS 5'-0" ON CENTER.

TRIM_1
GUTTER DETAIL



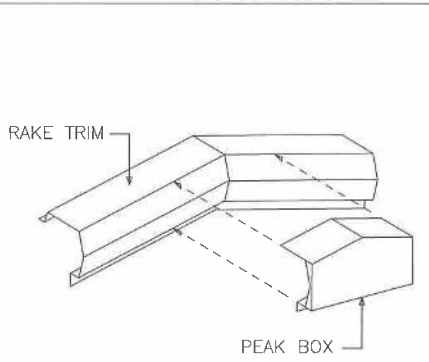
TRIM_2
GUTTER END DETAIL



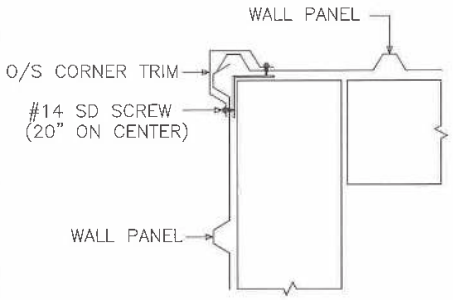
** - O/S CLOSURE FOR ROOF PITCHES UP TO 2:12"
UNIVERSAL CLOSURE FOR ROOF PITCHES ABOVE 2:12"

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

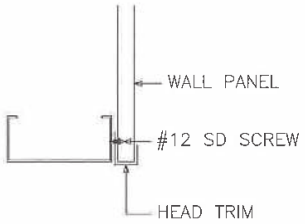
TRIM_3
RAKE TRIM DETAIL



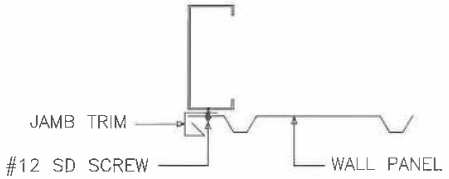
TRIM_4
PEAK BOX DETAIL



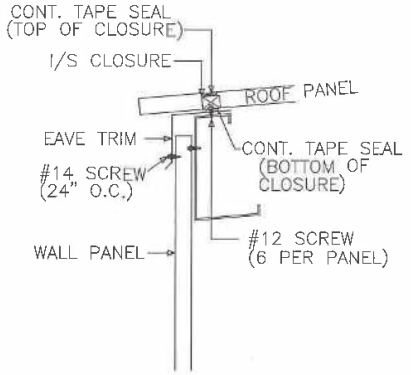
TRIM_5
O/S CORNER DETAIL



TRIM_6
HEAD TRIM DETAIL AT HEADER



TRIM_8
JAMB TRIM DETAIL AT JAMB



TRIM_12
EAVE TRIM DETAIL

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

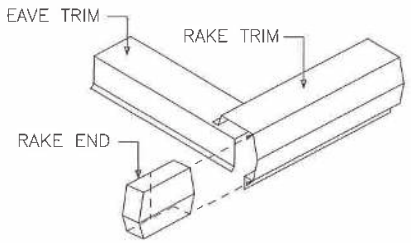
CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 | DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

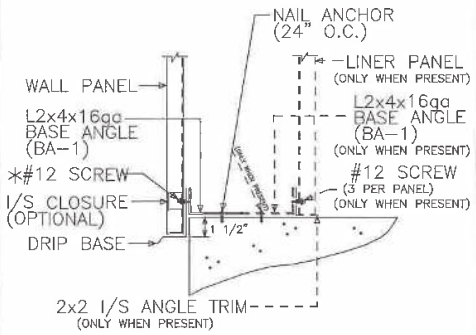
DRAWING NAME: FRAMING DETAILS

DRAWING NO	DRAWN BY	CHECKED BY	SCALE
PAGE 5.4	DAR	SPW	NONE



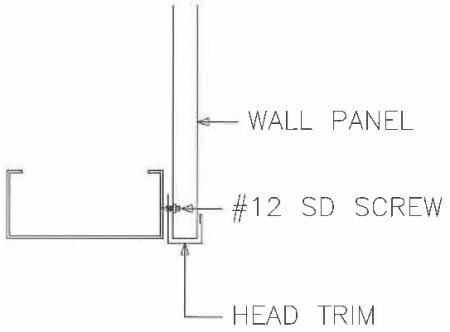
TRIM_13

RAKE END DETAIL



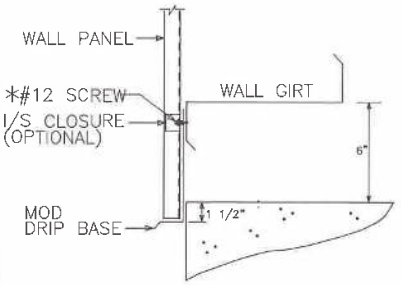
*= 6 PER PANEL FOR STANDARD PBR
3 PER PANEL FOR REV. ROLLED PBR

TRIM_16 BASE TRIM DETAIL



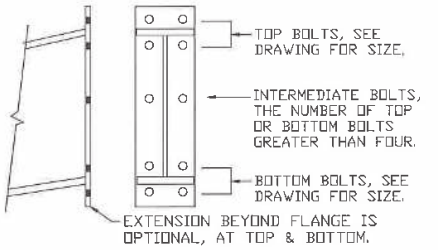
TRIM_61

HEAD TRIM DETAIL AT HEADER



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

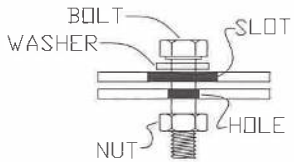
TRIM_99 BASE TRIM DETAIL



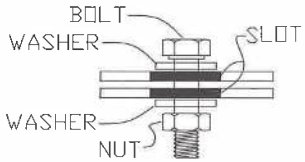
BOLTED END PLATE CONNECTION

TYPICAL WASHER REQUIREMENTS
(UNLESS NOTED OTHERWISE ON DRAWINGS

SLOT TO HOLE CONN.
WASHER REQUIRED ON SLOTTED SIDE



SLOT TO SLOT CONN.
WASHERS ARE REQUIRED ON EACH SLOTTED SIDE.
(**WASHER(S) NOT REQ'D WITHIN LAPPED ZEE PURLIN/GIRT AREAS**)



HOLE TO HOLE CONN.
NO WASHERS REQ'D.

STRUCTURAL BOLTED CONNNECTIONS

REFER TO COVER PAGE "GENERAL NOTES" PARAGRAPH "C", SECTION "9" FOR INSTRUCTIONS ON TIGHTENING ALL A325 AND A490 CONNECTION BOLTS.

TRIM NOTES:

[1] SEAL TRIM SPLICES WITH TUBE CAULK.
[2] SECURE GUTTER SPLICES AND END PLUGS WITH RIVETS.
[3] SECURE ALL OTHER ROOF TRIM SPLICES WITH TRIM SCREWS UNLESS NOTED OTHERWISE.
[4] TRIM SCREWS ARE LOCATED 24" ON CENTER UNLESS NOTED OTHERWISE.
[5] STD. TRIM SPLICES ARE 3" TOTAL UNLESS NOTED OTHERWISE.

MORTISE PREPPED PERSONNEL DOORS

ALL MORTISE PREPPED PERSONNEL DOORS COME AS RIGHTHAND REVERSED SWING.

(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.)

ANY FIELD MODIFICATIONS ARE THE RE-SPONSIBILITY OF THE ERECTOR AND MBM IS NOT LIABLE FOR LABOR CHARGES NOR DAMAGES DUE TO ERROR.

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

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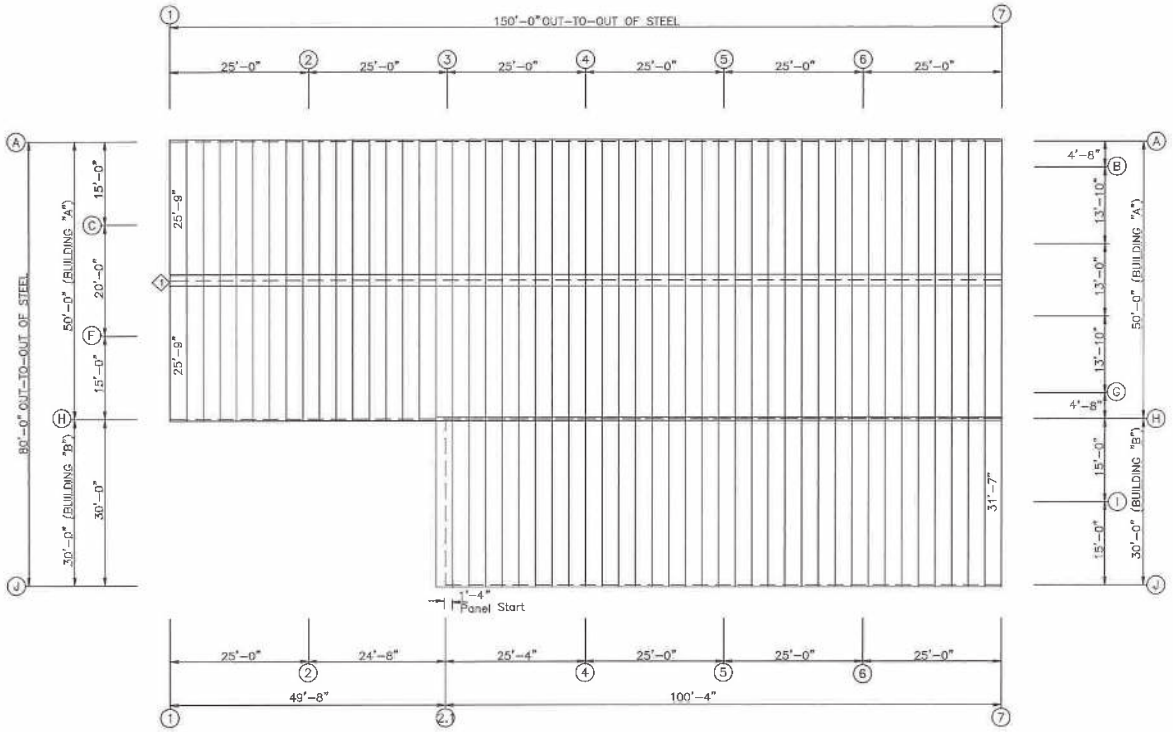
DRAWING NO:	DRAWN BY:	CHECKED BY:	SCALE:
PAGE 5.5	DAR	SPW	NONE

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



ROOF SHEETING PLAN

PANELS: 26 GA. PBR – GALVALUME

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

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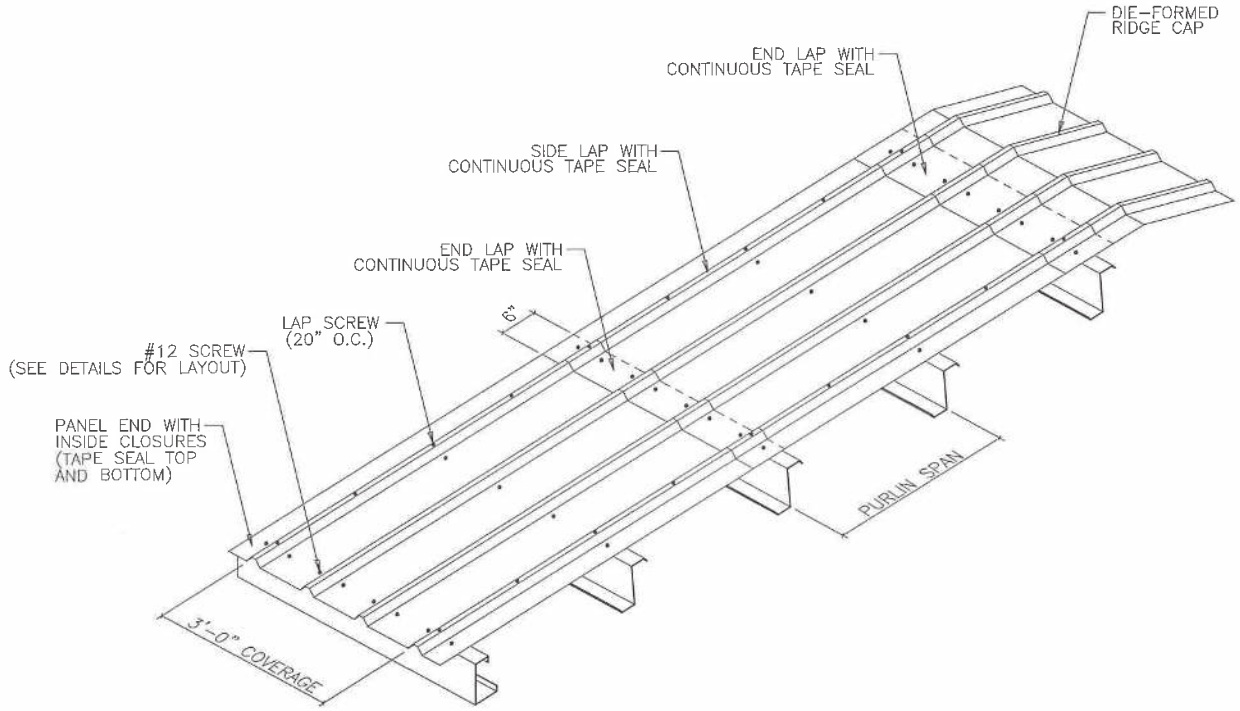
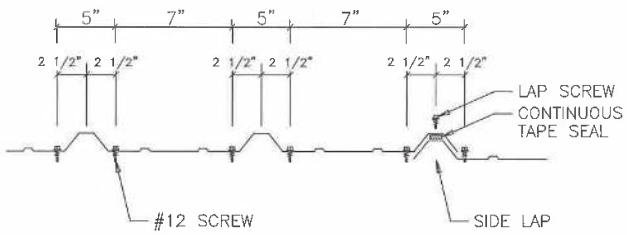
LOCATION: LAKE CITY, FL 32025

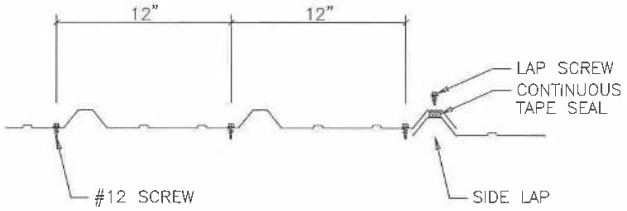
DRAWING NAME: ROOF PANELS & TRIM

DRAWING PAGE	DRAWN BY	APPROVED BY	SCALE
PAGE 6	DAR	SPW	NONE





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 SWEPT 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

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

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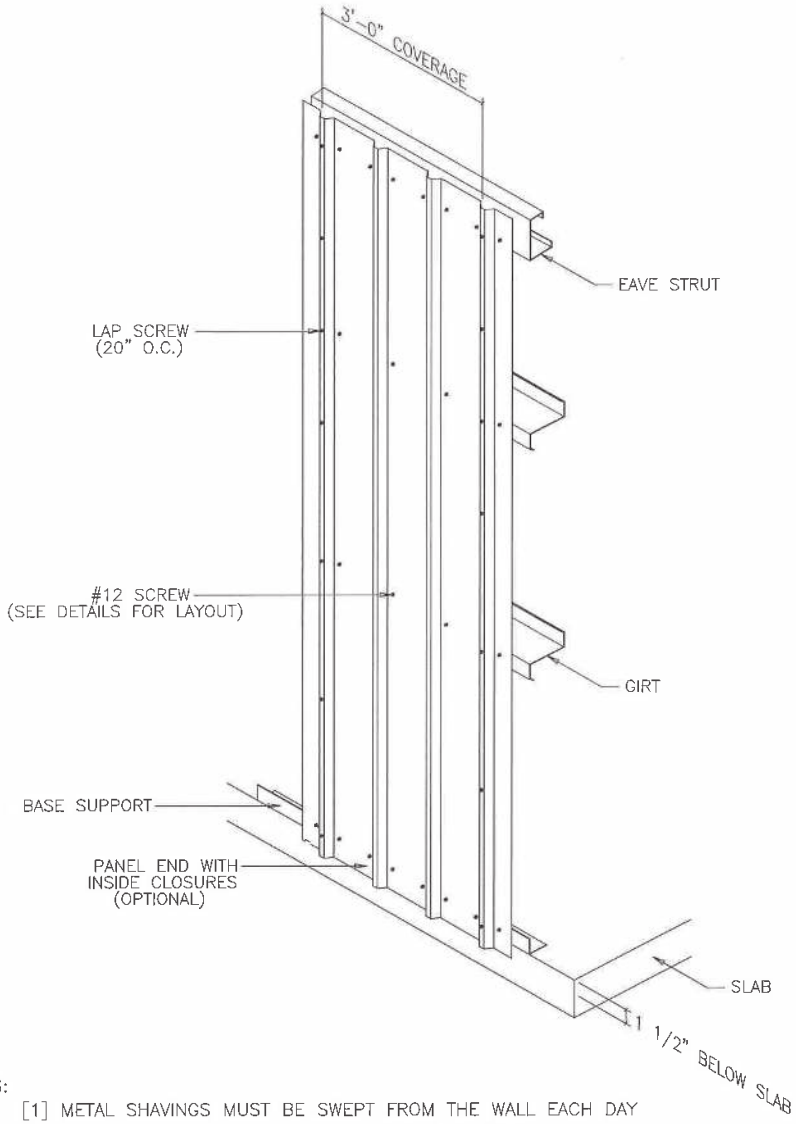
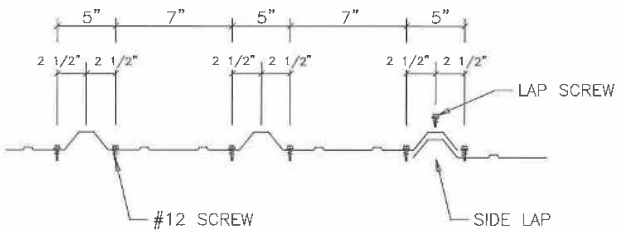
LOCATION: LAKE CITY, FL 32025

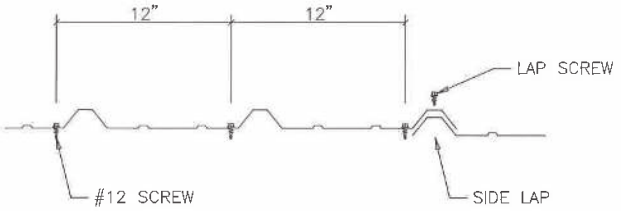
DRAWING NAME: ROOF PANEL DETAILS | SCALE: NONE

DRAWING NO.: PAGE 6.1 | DRAWN BY: DAR | ENGINEERED BY: SPW | ENG:





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



PANEL ATTACHMENT AT INTERMEDIATE MEMBERS

NOTES:

[1] METAL SHAVINGS MUST BE SWEPT 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

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

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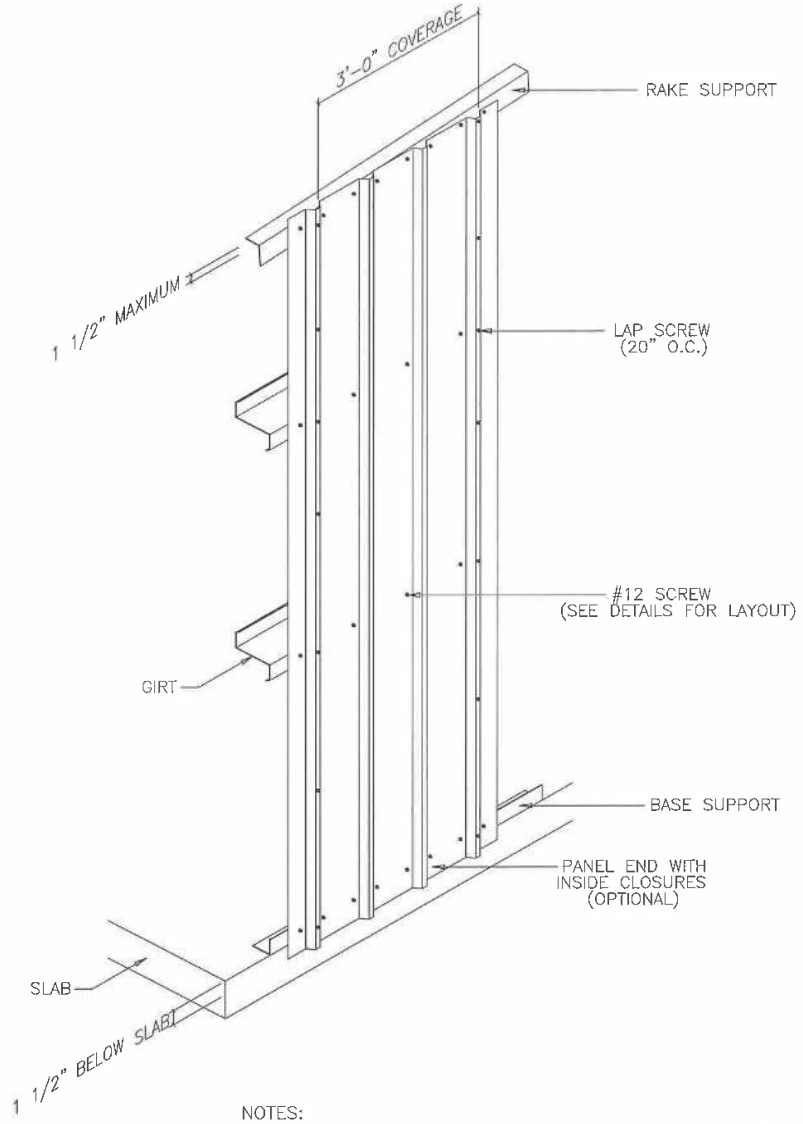
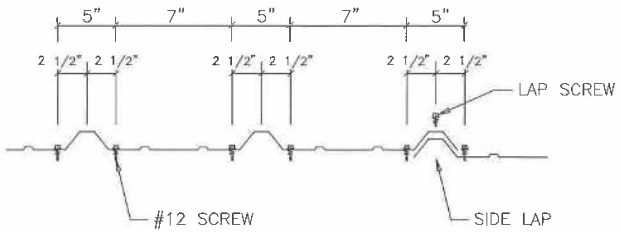
LOCATION: LAKE CITY, FL 32025

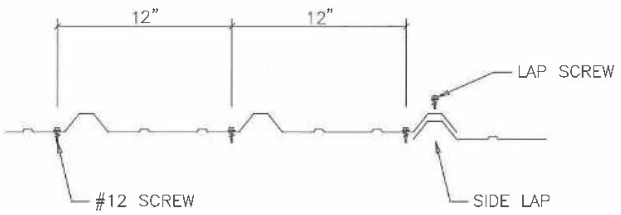
DRAWING NAME: SIDEWALL PANEL DETAILS | SCALE: NONE

DRAWING NO: PAGE 7 | DRAWN BY: DAR | CHECKED BY: SPW | ENG:





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



PANEL ATTACHMENT AT INTERMEDIATE MEMBERS

NOTES:

[1] METAL SHAVINGS MUST BE SWEPT 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

BUILDINGS AND MORE

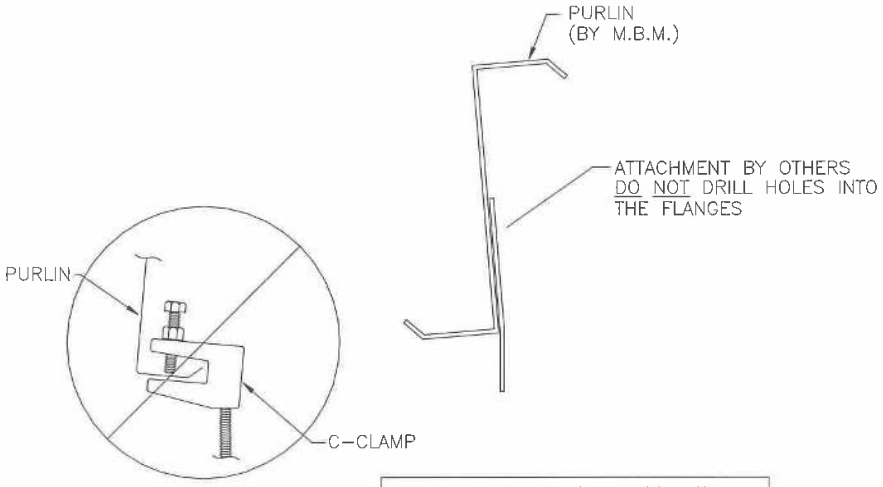
CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 | DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: ENDWALL PANEL DETAILS | SCALE: NONE

DRAWING NO: PAGE 8 | DRAWN BY: DAR | CHECKED BY: SPW | ENG:



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

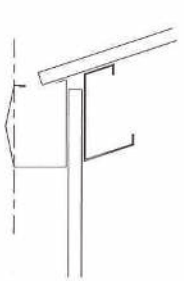
NOTE

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.

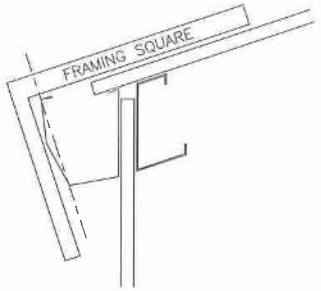
IT IS THE RESPONSIBILITY OF THE HANGER SYSTEM INSTALLER TO COORDINATE WITH THE ENGINEER OF RECORD FOR THE OVERALL PROJECT TO ENSURE A SAFE HANGING LOAD INSTALLATION. THE METAL BUILDING ENGINEER IS NOT THE ENGINEER OF RECORD FOR THE OVERALL PROJECT. WITHOUT SPECIFIC CERTIFICATION FOR INDIVIDUAL HANGING 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.KA. 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

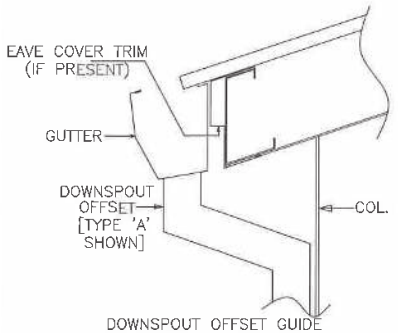


DO NOT INSTALL GUTTER WITH OUTSIDE FACE PERPENDICULAR TO THE GROUND.

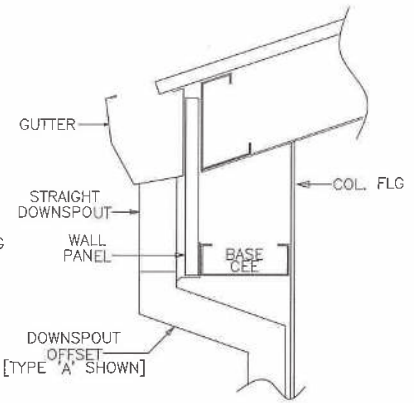


INSTALL GUTTER WITH OUTSIDE FACE PERPENDICULAR TO THE ROOF.

GUTTER INSTALLATION DETAIL (ONLY IF PROVIDED)



DOWNSPOUT OFFSET GUIDE FOR SIDEWALLS WITHOUT WALL PANELS (REFER TO TRIM DETAILS FOR STRAP AND FASTENER INSTALLATION INSTRUCTIONS!)



DOWNSPOUT OFFSET GUIDE FOR PARTIAL SIDEWALLS WITH WALL PANELS (REFER TO TRIM DETAILS FOR STRAP AND FASTENER INSTALLATION INSTRUCTIONS!)

ISSUE	DET	CHK	DATE

BUILDINGS AND MORE

CUSTOMER: SPENCER TAYLOR

JOB NO: 7733 | DATE: 11/23/22

LOCATION: LAKE CITY, FL 32025

DRAWING NAME: SPECIAL DETAILS

DRAWING NO:	DRAWN BY:	CHECKED BY:	SCALE:
PAGE 9	DAR	SPW	NONE