ilder/Contractor Responsibilities

awing Validity — These drawings, supporting structural calculations and design certification are sed on the order documents as of the date of these drawings. These documents describe the aterial supplied by the manufacturer as of the date of these drawings. Any changes to the order cuments after the date on these drawings may void these drawings, supporting structural culations and design certification. The Builder/Contractor is responsible for notifying the building thority of all changes to the order documents which result in changes to the drawings, supporting

ilder Acceptance of <u>Drawings</u> — Approval of the manufacturer's drawings and cesign data affirms at the manufacturer has correctly interpreted and applied the requirements of the order cuments and constitutes Builder/Contractor acceptance of the manufacturer's interpretations of e order documents and standard product specifications, including its design, fabrication and quality teria standards and tolerances. (April 2010 Section 4.4.1)

de Official Approval — It is the responsibility of the Builder/Contractor to ensure that all project ns and specifications comply with the applicable requirements of any governing building authority. e Builder/Contractor is responsible for securing all required approvals and permits from the propriate agency as required.

ilding <u>Erection</u> — The Builder/Contractor is responsible for all erection of the steel and associated rk in compliance with the Metal Building Manufacturers drawings. Temporary supports, such as approary guys, braces, false work or other elements required for erection will be determined, nished and installed by the erector (April 2010 Section 7.10.3) (CSA/S16-09 Section 29).

<u>crepancies</u> — Where discrepancies exist between the Metal Building plans and plans for other des, the Metal Building plans will govern. (April 2010 Section 3.3)

terials by Others — All interface and compatibility of any materials not furnished by the nufacturer are the responsibility of and to be coordinated by the Builder/Contractor or A/E firm. ess specific design criteria concerning any interface between materials if furnished as a part of order documents, the manufacturers assumptions will govern.

dification of the Metal Building from Plans — The Metal Building supplied by the manufacturer has an designed according to the Building Code and specifications and the loads shown on this wing. Modification of the building configuration, such as removing wall panels or braces, from t shown on these plans could affect the structural integrity of the building. The Metal Building nufacturer or a Licensed Structural Engineer should be consulted prior to making any changes to building configuration shown on these drawings. The Metal Building Manufacturer will assume no ponsibility for any loads applied to the building not indicated on these drawings.

Metal Building Manufacturer is not responsible for the design, materials and workmanship of the indation. Anchor rod plans prepared by the manufacturer are intended to show only location, meter and projection of the anchor rods required to attach the Metal Building System to the indation. It is the responsibility of the end customer to ensure that adequate provisions are defor specifying rod embedment, bearing values, tie rods and or other associated items bearing to the concrete foundation, as well as foundation design for the loads imposed by the rod Building System, other imposed loads, and the bearing capacity of the soil and other ditions of the building site (MRMA 06 Sections 3.2.2 and 4.3) ditions of the building site. (MBMA 06 Sections 3.2.2 and A3)



metallic building company

7301 FAIRVIEW • HOUSTON, TEXAS • P.O. BOX 40338 (713) 466-7788 ZIP 77240

For questions regarding the interpretation of the drawings, materials provided, or assembly of the parts:

• Call 1-844-840-4603 and ask for the "Field Service" department.

• Before or after normal hours, you may send an email to <u>fieldservices@ncigroup.com</u>, Please include the order no., brief description of the question, & contact name and phone number.

ENGINEERING DESIGN CRITERIA

Building Code	FLORID BUILDING CODE, 6TH EDITION (2017) Normal(Risk Category II)
Superimposed Collateral (2.00 psf Acoustical Ceiling 0.5	2.49 pf 2.50 pf 0 psf Dher) 20.00 sf reduction allowed
	20, 00 SF reduction attowed
Uther Areas	ovided / building manufacturer rner) 3 83 psf pressure -39,73 psf suctior 3 83 psf pressure -33,80 psf suctior ues regired based on a 10 sg ft area.

DEFLECTION CRITERIA

The material supplied by the manufacturer has been designed with the following minimum deflection criteria. The ctual deflection may be less depending on actual load and actual member length.

BUILDING DEFLECTION LIMITS..... BLDG-B

Ceiling Type : Acoustical/Other

Roof Limits	Rafters	Purlins	Panels	
Live: L/ Serviceability Wind: L/ Total Gravity: L/ Total Uplift: L/	180 180 120 N/4	150 180 120 N/A	60 60 60	
Frame Limits	Sidesway	Portal Frame	Sidesway	
Liver H/ Snow: H/ Serviceability Wind: H/ Portal Serviceability Wind: H/ Total Gravity: H/	60 N/4 60 N/4 60	60		
Wall Limits	Limit			
Total Wind Panels: L/ Total Wind Girts: L/ Total Wind EW Columns: L/	60 120 120			

The Service Seismic limit as shown here is atservice level loads.

PROJECT NOTES

Material properties of steel bar, plate, and sheet used in the fabrication of built-up structural framing members conform to ASTM A529, ASTM A572, ASTM A1011 SS, or ASTM A1011 HSLAS with a minimum yield point of 50 ksi. Material properties of hot rolled structural shapes conform to ASTM A992, ASTM A529, or ASTM A572 with a minimum specified yield point of 50 ksi. Hot rolled angles, other than flange braces, conform to ASTM 36 minimum. Hollow structural shapes conform to ASTM A500 grade B, minimum yield point is 42 ksi for round HSS and 46 ksi for rectangular HSS. Material properties of cold-formed light gage steel members conform to the requirements of ASTM A1011 SS Grade 55, ASTM A1011 HSLAS Grade 55 Class 1, ASTM A653 SS Grade 55, or ASTM A653 HSLAS Grade 55 Class 1 with a minimum yield point of 55 ksi. For Canada, material properties conform to CAN/CSA G40, 20/G40, 21 or equivalent.

All bolted joints with A325 Type 1 bolts are specified as snug-tightened joints in accordance with the Specification for Structural Joints Using ASTM A325 or A490 Bolts, December 31, 2009. Pre-tensioning methods, including turn-of-nut, calibrated wrench, twist-off-type tension-control bolts or direct-tension-indicator are NOT required. Installation inspection requirements for Snug Tight Bolts (Specification for Structural Joints Section 9, 1) is suggested.

Design criteria as noted is as given within order documents and is applied in general accordance with the applicable provisions of the model code and/or specification indicated. Neither the metal building manufacturer nor the certifying engineer declares or attests that the loads as designated are proper for local provisions that may apply or for site specific parameters. The design criteria is supplied by the builder, project owner, or an Architect and/or Engineer of Record for the overall construction project.

Framed openings, walk doors, and open areas shall be located in the bay and elevation as shown in the erection drawings. The cutting or removal of girts shown on the erection drawings due to the addition of framed openings, walk doors, or open areas not shown may void the design certifications supplied by the metal building manufacturer.

The rigid frame at building B side B and D is designed as a non-expandable rigid frame. Corresponding frame reactions are calculated based upon actual tributary area.

Investigation of the existing structure for possible detrimental effects due to the metal building addition is not within the metal building manufacturer's scope of work. It is strongly recommended that the original designer or other responsible professional be retained to analyze the existing structure, recommending any reinforcement that may be needed. The metal building manufacturer and its certifying engineer expressly exclude the existing structure for any warranty or certification whether written, verbal or implied.

The roof and wall panel, not by metal building manufacturer, shall be structurally sufficient to sustain the minimum specified design loads. The roof & wall panel shall be attached to purlins & girts at a maximum spacing of 1'-0".

The roof material, not by metal building manufacturer, attaching to the roof system provided by manufacturer, shall have a maximum weight of 0,94 psf. Attachment of roof material shall be structurally sufficient to sustain the minimum specified design loads.

The roof and wall panels being used for the building are to be through-fastenedtype panel with profile and strength properties equivalent to or greater than 26 Gage PBR as manufactured by A&S Building Systems,

	Drawing Index	70
Page	Description	- 8
F1	Anchor Rod	7-1-1-1-1-1
F2	Anchor Rod Details	7
F3	Reaction Drawings]
E1	Cover Sheet	
E2	Primary Steel BLDGB	7
E3	Roof Framing BLDGB	
E4	Sidewall BLDGB WALLSWA	Description
E5	Sidewall BLDGB WALLSWC	
E6	Endwall BLDGB WALLEWB,EWD & PL1	
E7-E10	Main Frame Cross Sections	1
E11	Portal Frame Cross Section 12 FRAMELINEB—SWA	1
E12	Connection Detail	
		-
		Date

Re		
metallic building company 7301 FAIRNEW +HOUSTON, TEXAS - P.O. BOX 40338 ZIP 77041 (713) 466-7788 ZIP 77240	H OF COLUMBIA COUNTRY THE CROSS CHURCH PHASE 1 NAY 441 25-2686 US LAKE CITY FL 32025-2689	
Metal Metal	H OF COLUMBIA COUNTRY TAY 441 L25-2686 US	Preliminary (Not For Construction) For Approval (Not For Construction)

Scale: NOT TO SCALE Drawn by: FER 10/3/19 Checked by: ABE 10/9/19

Job Number: 17-B-35162-1

Sheet Number: E1 of 12 The engineer whose seal

Project Engineer: JMR

appears hereon is an employed for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only.The undersigned engineer not the overall engineer of record for this project.

Patrick T. Kaminski, P.E.







Descargue los manuales de instalación del panel desde:

BUILDING DESCRIPTIONS ilding ID Width Length Height Slope uilding B 14'-0 51'-2 10'-0 1提:12

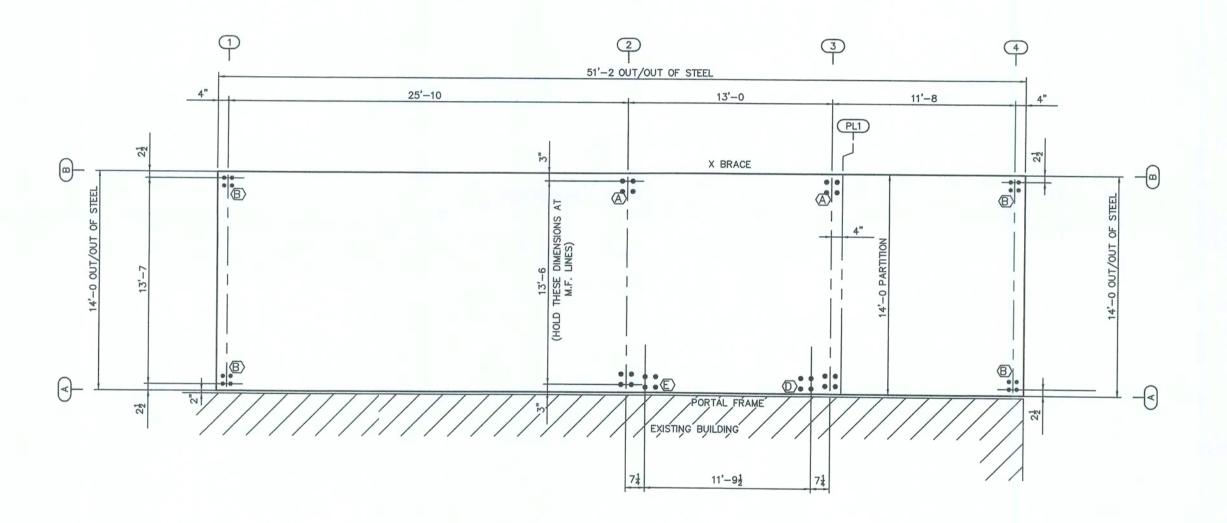
	½"ø A3:	25 BOLT GRIP TABLE	
GRIP	LENGTH	BOLT LENGTH,	NOTE: FU_L THREAD
0 TO 9/16"	1 1/4" F.T.	TAG	ENGAGEMENT IS DEEMED TO HAVE BEEN MET WHEN THE
r 9/16" TO 1 1/16"	1 3/4" F.T.		END OF THE BOLT IS FLUSH
r 1 1/16" TO 1 5/16"	2"		WITH THE FACE OF THE NUT.
r 1 5/16" TO 1 9/16"	2 1/4"		
1 9/16" TO 1 13/16"	2 1/2"	WASHER R	EQUIRED ONLY WHEN SPECIFIED.
r 1 13/16" TO 2 1/16"	2 3/4"	GRIP WASHER M	MAY BE LOCATED UNDER HEAD UNDER NUT, OR AT BOTH AT
ATIONS OF BOLTS LONGER ED ON ERECTION DRAWN	R THAN 2 3/4" GS	LOCATIONS ADD 5/32	NOTED ON ERECTION DRAWINGS " FOR EACH WASHER TO
DENOTES FULLY THREADS	ED	MATERIAL	THICKNESS TO DETERMINE GRIP.

Anchor Rod Drawings

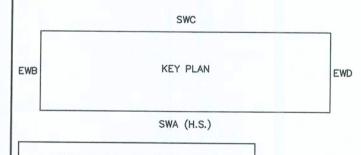
- 1) This drawing is for anchor rod placement only and is not foundation design.
- This drawing is for anchor rod placement only and is not foundation design.
 Foundation must be square and level with all anchor rods true in size, location, and projection.
 Projection shown must be held to keep threads clear of finished concrete.
 This structural design data includes magnitude and location of design loads and support conditions, material properties, and type and size of major structural members necessary to show compliance with the Order Documents at the time of this issue. Any change to building loads or dimensions may change structural member sizes and locations shown. This structural design data will be superseded and voided by any future mailing.
- 5) Anchor rod size is determined by shear and tension at the bottom of the base plate. The length of the anchor rod and method of load transfer to the foundation are to be determined by the foundation engineer, and are not provided by the manufacturer.
- Anchor rods are ASTM F1554 Gr. 36 material unless noted otherwise.

 3000 psi concrete compressive strength (f'c) is assumed for the purpose of column base plate design unless otherwise noted.

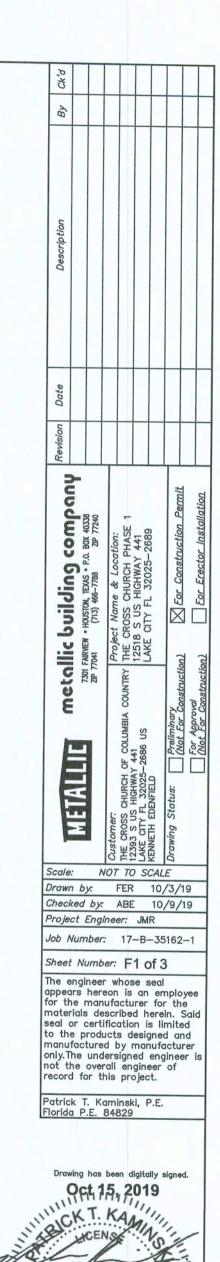
FINISH FLOOR AT ELEVATION 100'-0



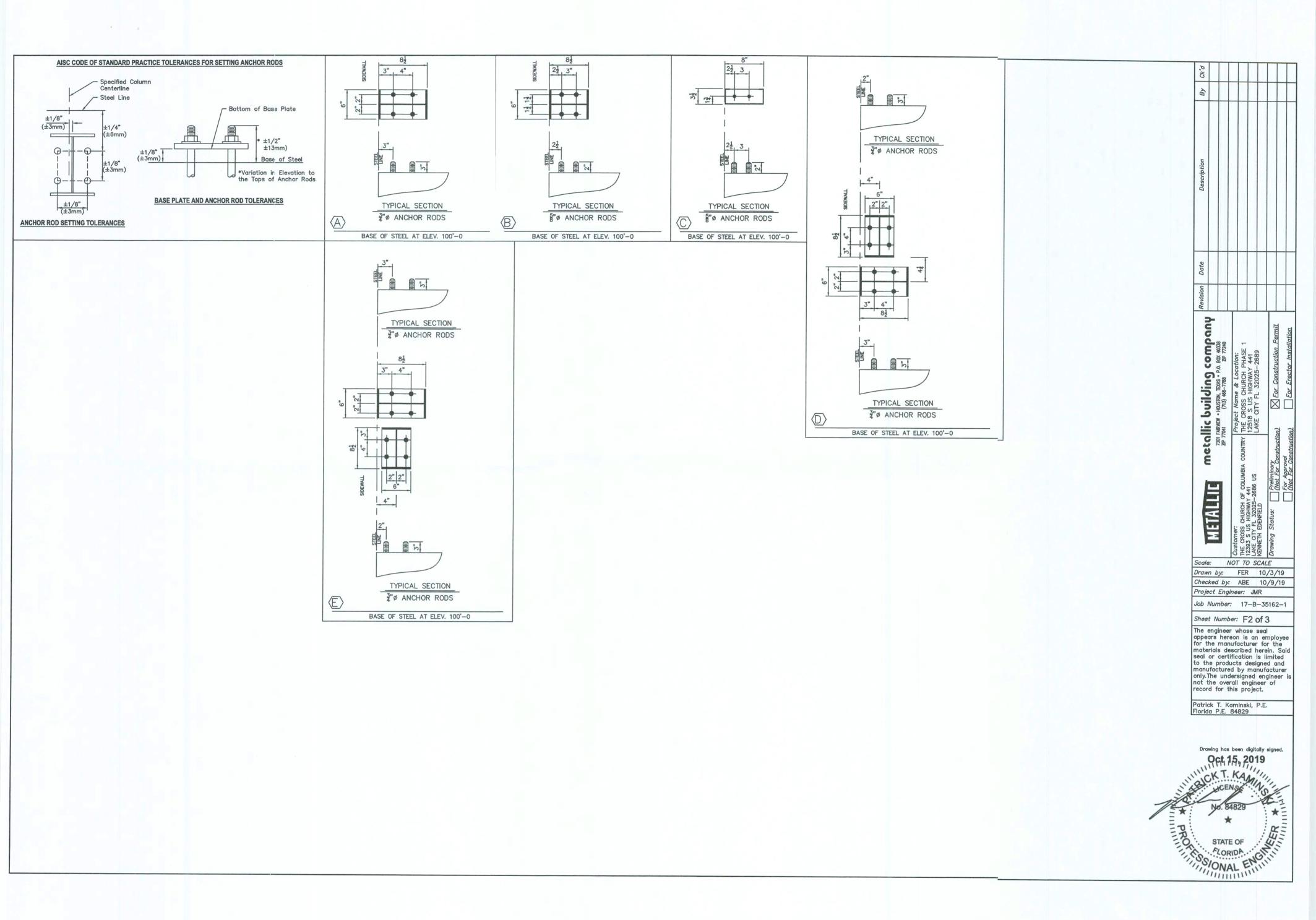
ANCHOR ROD SETTING PLAN

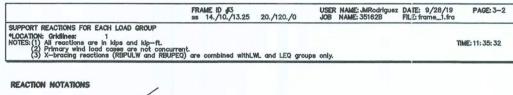


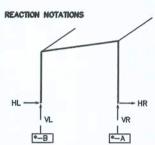
ANCHOR BOLTS TO BE DESIGNED BY FOUNDATION ENGINEER UDIAMETERS SHOWN IN THIS	SING
ANCHOR ROD DESCRIPTION	QUANTIT
§ "Ø DIAMETER X	24
₹ "Ø DIAMETER X	24



STATE OF STATE OF ALORIDA STATE OF ALORI







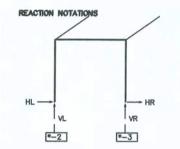
LOAD	GROUP	REACTION	TABLE	GRIDLINES	==	

COLUMN	*B			*A		
LOAD GROUP	HL	VL.	LNL	HR	VR	LNR
DL	0.0	0.4	0.0	-0.0	0.5	0.0
Ш	0.2	1.9	0.0	-0.2	1.9	0.0
COLL	0.0	0.2	0.0	-0.0	0.2	0.0
WL1	-1.0	-3.7	0.0	-1.5	-1.3	0.0
WL2	-2.2	-1.4	0.0	-0.4	0.9	0.0
LWL1	1.1	-2.7	0.0	-1.0	-2.3	0.0
LWL2	1.1	-2.2	0.0	-1.0	-2.7	0.0
LWL3	-0.1	-0.4	0.0	0.2	-0.1	0.0
LWL4	-0.1	0.1	0.0	0.2	-0.6	0.0
WL3	2.2	-0.7	0.0	1.2	-4.3	0.0
WL4	1.1	1.6	0.0	2.3	-2.1	0.0

LOAD GROUP DESCRIPTION

DL	:	Roof Dead Load
LL	:	Roof Live Load
COLL	:	Roof Collateral Load
WL1	:	Wind from Left to Right with +GCpl
WL2	:	Wind from Left to Right with -GCpl
LWL1	:	Windward Corner Left with +GCpi
LWL2	:	Windward Corner Right with +GCpi
LWL3	:	Windward Corner Left with -GCpl
LWL4	:	Windward Corner Right with -GCpi
WL3	:	Wind from Right to Left with +GCpl
WL4	:	Wind from Right to Left with -GCpl

SUPPORT REACTIONS FOR EACH LOAD GROUP LOCATION: bays 2—(Gridline A) NOTE: (1) I reactions group to the group		FRAME ID #5 pf 13./12. main building at p	USER NAME: JMRodrigue: JOB NAME: 351628	DATE: 9/28/19 FILE: pfrome_a.fra	PAGE: 5-2
(2) Primary wind Gold cases are not concurrent. (3) X-bracking reactions (RBPULW and RBUPEQ) are combined withLWL and LEQ groups only.	LOCATION: bays 2-(Gridline A)	ent. Q) are combined withLWL and LEQ grou	ups only.	TIM	E: 11: 45: 48



COLUMN	*-2			*-3		
LOAD GROUP	HL	VL	LNL	HR	VR	LNR
DL	0.0	0.2	0.0	-0.0	0.2	0.0
LWL1	-0.3	-0.7	0.0	-0.4	0.7	0.0
LWL2	0.4	0.7	0.0	0.3	-0.7	0.0

LOAD GROUP DESCRIPTION : Roof Dead Load

LWL1	:	Wind	from	Left to	Right	with	+GCpl
LWL2	:	Wind	from	Right t	o Left	with	-GCp1

	FRAME ID #1 ss 14./10./19.417 20./120./		NAME: JMRodriguez NAME: 35162B	DATE: 9/28/19 FILE: frames_2-3.fra	PAGE: 1-2
SUPPORT REACTIONS FOR EACH LOAD GROUP *LOCATION: Gridlines: 2 5 NOTES: (1) All reactions are in kipe and kip—ft. (2) Primary wind load cases are not concurrent (3) X—bracing reactions (RSPULW and RBUPEQ)	are combined withL1 and LEQ gr	roups only.		TIME:	11: 40: 18

REACTION NOTATIONS



COLUMN		*-B			*-A	
LOAD GROUP	HL	VL	LNL	HR	VR	LNR
DL	0.0	0.5	0.0	-0.0	0.6	0.0
LL	0.3	2.5	0.0	-0.3	2.5	0.0
COLL	0.0	0.3	0.0	-0.0	0.3	0.0
WL1	-1.1	-4.6	0.0	-2.0	-1.9	0.0
WL2	-2.7	-1.3	0.0	-0.3	1.3	0.0
WL3	2.8	-1.2	0.0	1.2	-5.3	0.0
WL4	1.1	2.2	0.0	2.9	-2.1	0.0
LWL1	1.5	-3.5	0.0	-1.5	-2.9	0.0
RBUPLW	0.0	-0.5	-0.6	-0.0	0.0	0.0
LWL2	1.5	-3.0	0.0	-1.5	-3.5	0.0
LWL3	-0.1	-0.1	0.0	0.2	0.3	0.0
LWL4	-0.1	0.4	0.0	0.2	-0.3	0.0
RBDWLW	-0.0	0.5	0.0	0.0	-0.0	0.0

LOAD GROUP DESCRIPTION

L	:	Roof Dead Load
L	:	Roof Live Load
OLL	:	Roof Collateral Load
L1	:	Wind from Left to Right with +GCpi
1.2	:	Wind from Left to Right with -GCpi
L3	:	Wind from Right to Left with +GCpi
L4	:	Wind from Right to Left with -GCpi
WL1	:	Windward Corner Left with +GCpl
BUPLW	:	Upward Acting Rod Brace Load from Long. Wind
WL2	:	Windward Corner Right with +GCpi
WL3	:	Windward Corner Left with -GCpi
WL4	:	Windward Corner Right with -GCpl
BDWLW		Downward Acting Rod Brace Load from Long. Wir
	L COLL L1 L2 L3 L4 WL1 BUPLW WL2 WL2 WL3	L : OUL : AL1 : AL2 : AL3 : AL4 : WL1 : BUPLW : WL2 : WL3 : WL4 :

NOTES

1) THE REACTIONS PROVIDED ARE BASED ON THE ORDER DOWNENTS AT THE TIME OF MAILING. ANY CHANGES TO BUILDING LOADS (DIMENSIONS MAY CHANGE THE REACTIONS. THE REACTIONS WILL BE SUFFSEDED AND VOIDED BY ANY FUTURE MAILING.
2) THE REACTIONS PROVIDED HAVE BEEN CREATED WITH THIFOLLOWING LAYOUT (UNLESS NOTED OTHERWISE).

a) A REACTION TABLE IS PROVIDED WITH THE REACTIONS RE EACH LOAD GROUP.

a) A REACTION TABLE IS PROVIDED WITH THE REACTIONS RE EACH LOAD GROUP.
b) RIGHD FRAMES
(1) GABLED BUILDINGS
(a) LEFT AND RIGHT COLUMNS ARE DETERMINED AS IF IEWING THE LEFT SIDE OF THE BUILDING, AS SHOWN ON THE ACHOR ROD DRAWING, FROM THE OUTSIDE OF THE BUILDING.
(b) INTERIOR COLUMNS ARE SPACED FROM LEFT SIDE 1 RIGHT SIDE.
(2) SINGLE SLOPE BUILDINGS
(a) LEFT COLUMN IS THE LOW SIDE COLUMN.
(b) RIGHT COLUMN IS THE HIGH SIDE COLUMN.
(c) INTERIOR COLUMNS ARE SPACED FROM LOW SIDE THIGH SIDE.
c) ENDWALLS

c) ENDWALLS

(1) LEFT AND RIGHT COLUMNS ARE DETERMINED AS IF VIMING THE WALL FROM THE OUTSIDE.

(2) INTERIOR COLUMNS ARE SPACED FROM LEFT TO RIGH (2)INTERIOR COLUMNS ARE SPACED FROM LEFT TO RIGH 4) ANCHOR ROD SIZE IS DETERMINED BY SHEAR AND TENSN AT THE BOTTOM OF THE BASE PLATE. THE LENGTH OF THE ANHOR ROD AND METHOD OF LOAD TRANSFER TO THE FOUNDATION &E TO BE DETERMINED BY THE FOUNDATION ENGINEER.

B) ANCHOR RODS ARE ASTM F1554 Gr. 36 MATERIAL UNLES NOTED OTHERWISE ON THE ANCHOR ROD LAYOUT DRAWING.

T) X—BRACING

(1) ROD BRACING REACTIONS HAVE BEEN INCLUDED IN VAJES SHOWN IN THE REACTION TABLES.

(1) ROD BRACING REACTIONS HAVE BEEN INCLUDED IN VAUES SHOWN IN THE REACTION TABLES.

(2) FOR IBC AND UBC BASED BUILDING CODES, WHEN X—RACING IS PRESENT IN THE SIDEWALL, INDIVIDUAL LONGITUDINAL EISMIC LOADS (RBUPEQ AND RBDWEQ) DO NOT INCLUDE THE MPLIFICATION FACTOR, Ω₀.

(3) FOR CANADA BUILDING CODE (NBC), WHEN X—BRACINGS PRESENT IN THE SIDEWALL OR ENDWALL, INDIVIDUAL LONGITUDINL SEISMIC LOADS (RBUPEQ & RBDWEQ) ARE MULTIPLIED BY FOR REDUCTION FACTOR, Rd, WHEN SPECIFIED SHORT—PERIOD SPECTIR, ACCELERATION RATIO I_EF₆S₆(0.2) IS GREATER THAN 0.i.

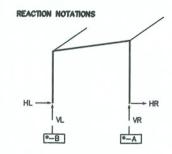
3) REACTIONS ARE PROVIDED AS UN—FACTORED FOR EACH LAD GROUP APPLIED TO THE COLUMN. THE FOUNDATION ENGINEER WILL PPLY THE APPROPRIATE LOAD FACTORS AND COMBINE THE REACTIONS I ACCORDANCE WITH THE BUILDING CODE AND DESIGN SPECIFICITIONS TO DETERMINE BEARING PRESSURES AND CONCRETE DESIGN. TH FACTORS APPLIED TO LOAD GROUPS FOR THE STEEL COLUMN DESIGN AY BE DIFFERENT THAN THE FACTORS USED IN THE FOUNDATION DEGN.

a) FOR PROJECTS USING ULTIMATE DESIGN WIND SPEEDS SUH AS 2012 IBC, 2015 IBC, OR FLORIDA BUILDING CODE, THE WIND LAD REACTIONS ARE AT A SIRENGTH, VALUE WITH A LOAD FATOR OF 1.0.

b) FOR IBC CODES, THE SEISMIC REACTIONS PROVIDED DRONT CONTAIN THE R₂*F₆. FACTOR.

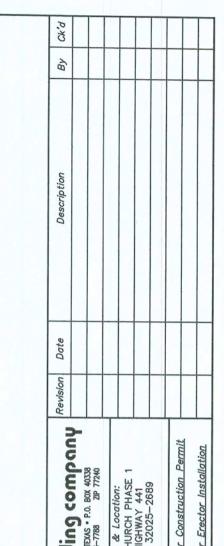
THE MANUFACTURED DOS NOT PROVIDE "MAXIMUM" LOAD COBINATION REACTIONS. HOWEVER, THE INDIVIDUAL LOAD REACTIONS PRODED MAY BE USED BY THE FOUNDATION DESIGN.

	FRAME ID #4 ss 14./10./		0./120./0	USER JOB	NAME: JMRodriguez NAME: 35162B	DATE: 9/28/19 FILE: frame_4.fra	
SUPPORT REACTIONS FOR EACH LOAD GROUP *LOCATION: Gridlines: NOTES: (1). All reactions are in kips and kip-ft. (2) Primary wind load cases are not concurrent. (3) X-brading reactions (RBPULW and RBUPEQ)	are combined	withLWL	and LEQ groups	only.			TIME: 11: 37: 18



COLUMN		*-B			*-A	
LOAD GROUP	HL	VL	LNL	HR	VR	LNR
DL	0.0	0.3	0.0	-0.0	0.3	0.0
ш	0.1	0.9	0.0	-0.1	0.9	0.0
COLL	0.0	0.1	0.0	-0.0	0.1	0.0
WL1	-0.6	-2.0	0.0	-0.8	-0.6	0.0
WL2	-1.2	-0.9	0.0	-0.3	0.4	0.0
LWL1	0.5	-1.4	0.0	-0.4	-1.2	0.0
LWL2	0.5	-1.1	0.0	-0.4	-1.5	0.0
LWL3	-0.0	-0.3	0.0	0.1	-0.2	0.0
LWL4	-0.0	-0.0	0.0	0.1	-0.4	0.0
WL3	1.2	-0.3	0.0	0.7	-2.3	0.0
WL4	0.7	0.8	0.0	1.3	-1.3	0.0

LOAD GROUP	DES	CRIPTION
DL	:	Roof Dead Load
LL	:	Roof Live Load
COLL	:	Roof Collateral Load
WL1	:	Wind from Left to Right with +GCpl
WL2	:	Wind from Left to Right with -GCpi
LWL1	:	Windward Corner Left with +GCpl
LWL2	:	Windward Corner Right with +GCpl
LWL3	:	Windward Corner Left with -GCpl
LWL4	:	Windward Corner Right with -GCpi
WL3	:	Wind from Right to Left with +GCpi
WL4	:	Wind from Right to Left with -GCpl



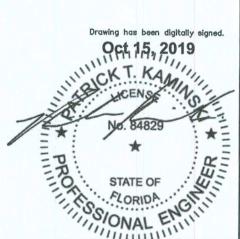
metallic buildi	BIA COUN	Status: Not For Construction For
ETALLIC	FIT: SS CHURCH OF COLUM US HIGHWAY 441 Y FL 32025—2686 US EDENFIELD	Status: Pre

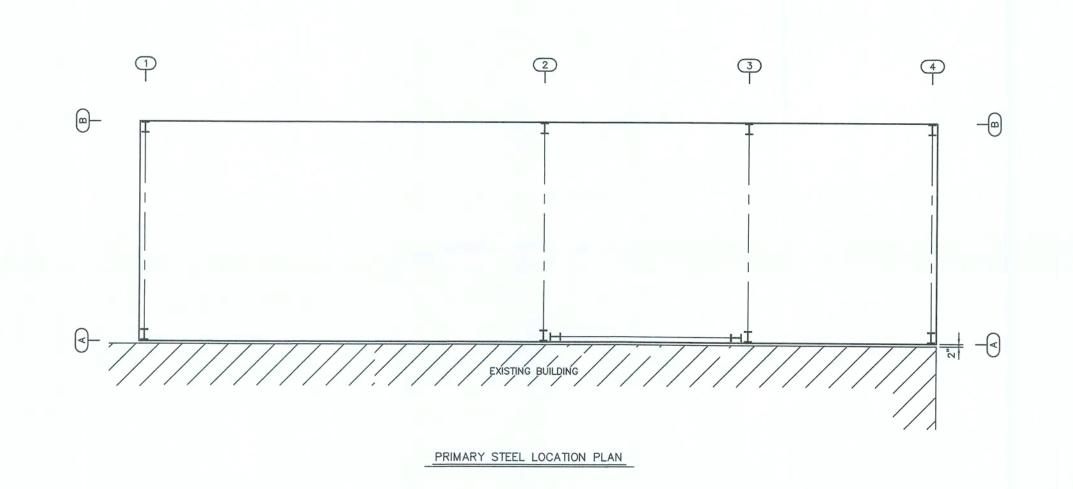
	2 F 2 3	72 0	•
Scale: NO	OT TO	SCALE	
Drawn by:	FER	10/3	/19
Checked by:	ABE	10/9	/19
Project Engin	eer: J	MR	
Job Number:	17-1	3-3516	52-1

Sheet Number: F3 of 3

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

Patrick T. Kaminski, P.E. Florida P.E. 84829





Metallic building company
7301 FAIRNEW - HOUSTON, TEXIS - P.O. BOX 40338
219 77041
(713) 466-7788
219 77041
(713) 466-7788
219 77240
MBIA COUNTRY
THE CROSS CHURCH PHASE 1
12518 S US HIGHWAY 441
LAKE CITY FL 32025-2689 CHURCH OF COLUMBIA (S HIGHWAY 441 FL 32025—2686 US DENFIELD METALLIE Scale: NOT TO SCALE
Drawn by: FER 10/3/19 Checked by: ABE 10/9/19 Project Engineer: JMR Job Number: 17-B-35162-1 Sheet Number: E2 of 12 The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project. Patrick T. Kaminski, P.E. Florida P.E. 84829 Oct 15, 2019

CENSON

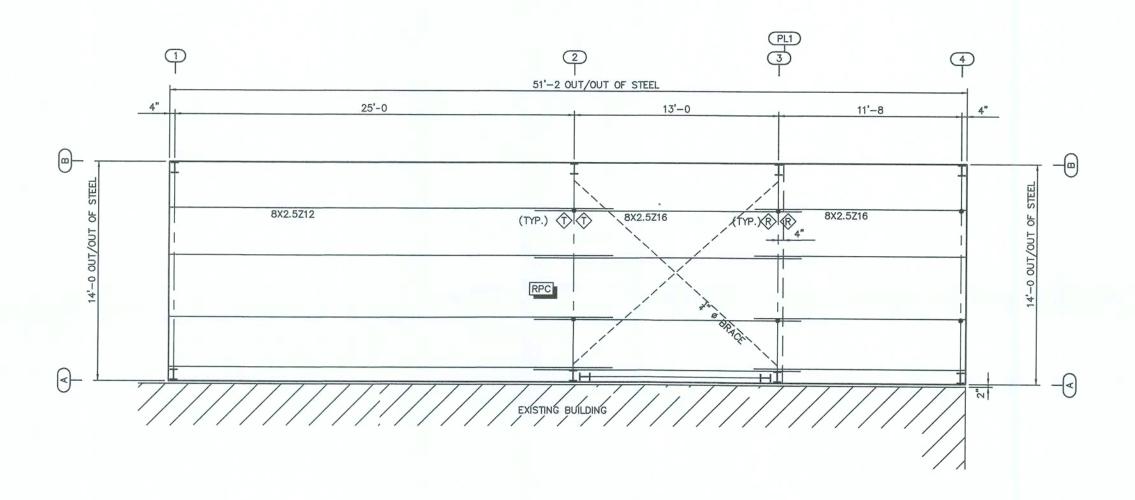
SWC

KEY PLAN

EWD

SWA (H.S.)

 DENOTES: CLIP LOCATION SC90 AT 8" PURLINS SC92 AT 10" PURLINS SC94 AT 12" PURLINS



ROOF FRAMING PLAN

EWB KEY PLAN
SWA (H.S.)

		ZEE SECTION	LAP TA	BLE
EWD	SYMBOL	LAP LENGTH	SYMBOL	LAP LENGTH
	(G)	-0'-0 1 "	◆	2'-5\frac{3}{4}"
	\$	0'-3\frac{3}{4}"	\Diamond	3'-1 3 "
•	8	1'-54"	REFER	TO CF01122

THETALLE	Revision Date Description By Revision Date Description By T30 FARNEW - HOUSTON, TEXS - P.0. BOX 40338 IP T7240	By									
Pany Revision Date Description 8 1 1 Permit lation.	THETALLIC TOO FARMEN HOUSTON, TEXS - P.O. BOX 40338 Justomer: HE CROSS CHURCH OF COLUMBIA COUNTRY HE CROSS CHURCH OF COLUMBIA COUNTRY HE CROSS CHURCH OF COLUMBIA COUNTRY AKE CITY FL 32025—2686 US Traving Status: Preliminary Prelimin										
Pony Revision Revision Revision	THETALLIC TSM FARMEN * HOUSTON, TEXAS • P.O. BOX 40338 20								THE WATER		
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IN TOKE IT	Scale: NOT TO SCALE Drawn by: FER 10/3/19	THE TAILLE Metallic building compan	7301 FAIRMEW . HOLISTON TEXAS . P.O. BOY 40338	ZP 77041 (713) 466–7788 ZIP 77240	Ustomer: Project Name & Location:	HE CROSS CHURCH OF COLUMBIA COUNTRY THE CROSS CHURCH PHASE 1	AKE CITY FL 32025-2686 US 1 AKE CITY FL 32025-2686	ENNETH EDENFIELD	Preliminary	Struction	struction)

Project Engineer: JMR

Job Number: 17-B-35162-1

Sheet Number: E3 of 12

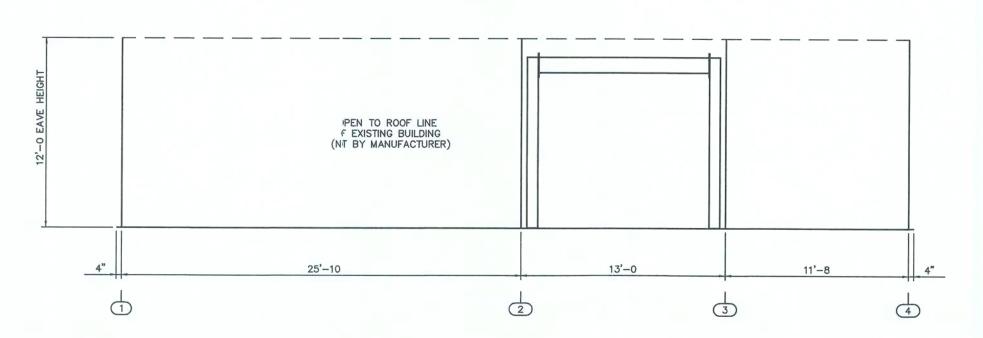
The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

Patrick T. Kaminski, P.E. Florida P.E. 84829



	SCHEDULE OF A	CCESSORIES
NO. REQD	DESCRIPTION	
2	6'-41 X 7'-21 FIELD LOCATED FRAMED OPENING	

REFER TO DETAILS ON INSTALLATION OF FRAMED OPENINGS.
USE STANDARD WALL PROCEDURES TO ERECT THE SIDEWALL AND I ENDWALL PANELS.



SIDEWALL ELEVATION "SWA" AT GRID LINE "A"

SWC KEY PLAN EWB EWD SWA (H.S.)

METALLIC Scale: NOT TO SCALE Drawn by: FER 10/3/19 Checked by: ABE 10/9/19 Project Engineer: JMR Job Number: 17-B-35162-1

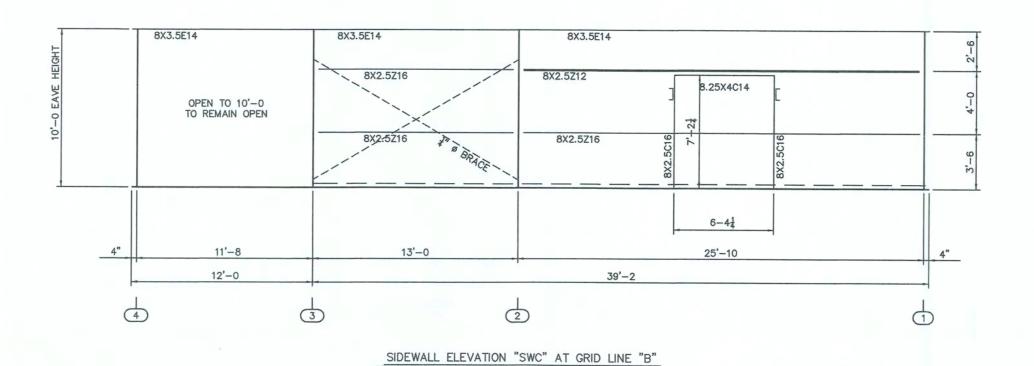
Metallic building company
7301 FARNEW - HOUSTON, TEXIS - P.O. BOX 40338
7301 FARNEW - HOUSTON, TEXIS - P.O. BOX 40338
7301 FARNEW - HOUSTON, TEXIS - P.O. BOX 40338
7301 FARNEW - HOUSTON, TOWN - CROSS CHURCH PHASE 1
12518 S US HIGHWAY 441
5
LAKE CITY FL 32025-2689

Sheet Number: E4 of 12

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Patrick T. Kaminski, P.E. Florida P.E. 84829





Metallic building company
7301 FAIRNEW - HOUSTON, TEXAS - P.O. BOX 40338
ZIP 77041
(713) 466-7788
ZIP 77041
(713) 466-7788
ZIP 77041
(715) 466-7788
ZIP 77041
(715) 8 US HIGHWAY 441
(125) 8 US HIGHWAY 441
(125) 8 US HIGHWAY 441
(125) 8 US HIGHWAY 441 METALLIC Scale: NOT TO SCALE Drawn by: FER 10/3/19 Checked by: ABE 10/9/19 Project Engineer: JMR Job Number: 17-B-35162-1 Sheet Number: E5 of 12 The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project. Patrick T. Kaminski, P.E. Florida P.E. 84829 Oct 15, 2019

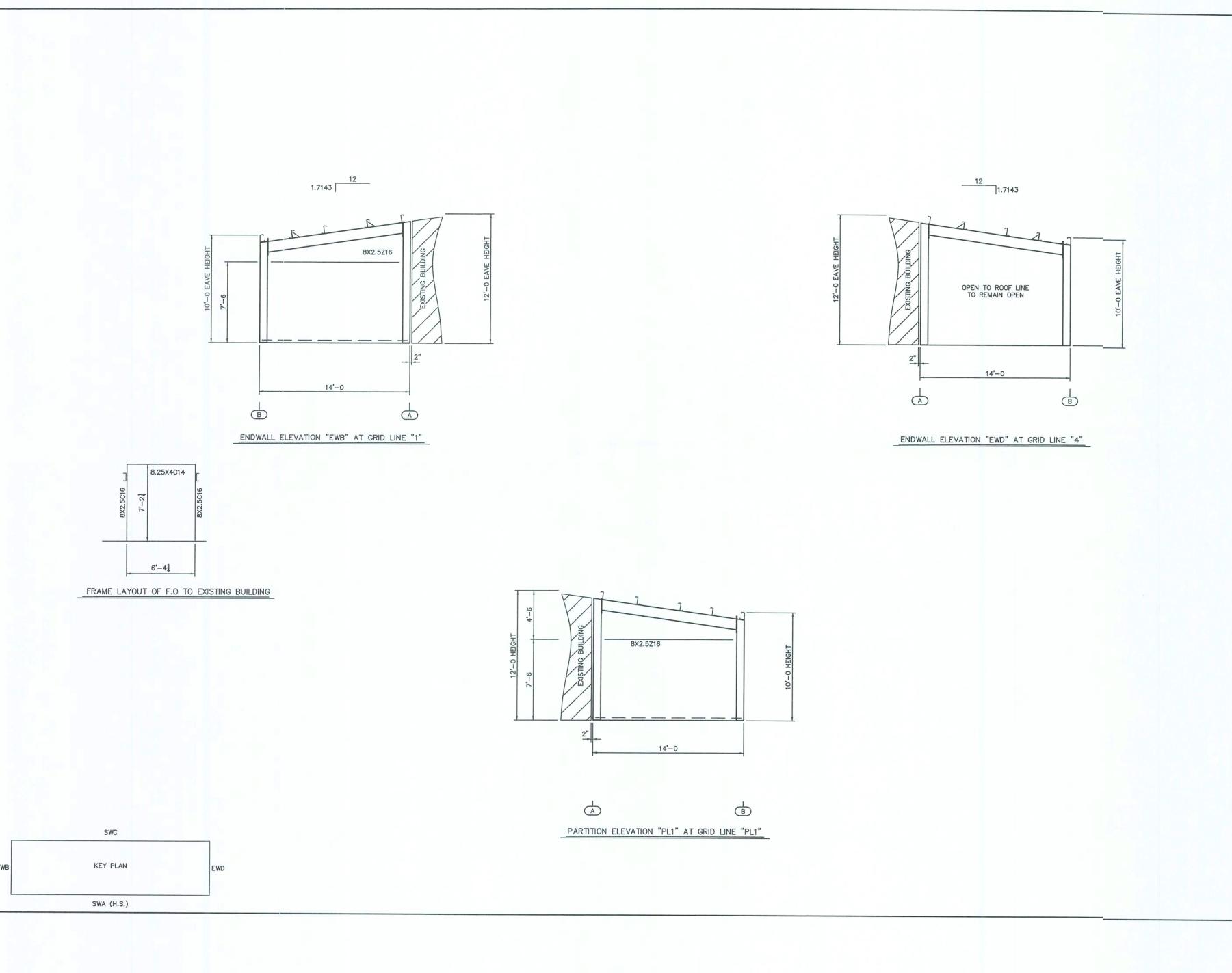
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SWC

KEY PLAN

EWD

SWA (H.S.)

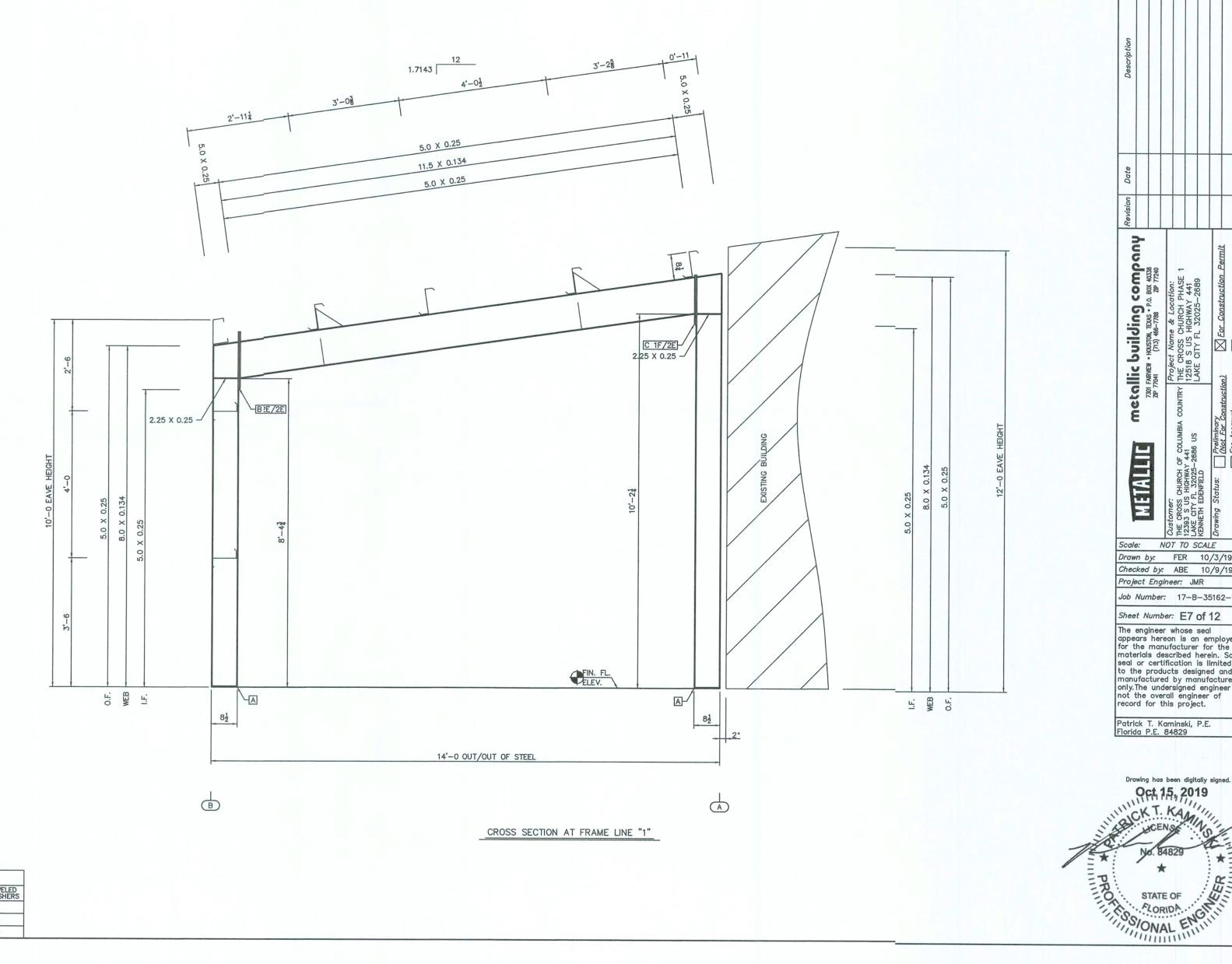


Metallic building company
T301 FARNEW - HOUSTON, TEXAS - P.O. BOX 40338
T307 T7041 (713) 486-7788
T307 T7041 (713) 486-7788
MBIA COUNTRY THE CROSS CHURCH PHASE 1
12518 S US HIGHWAY 441
LAKE CITY FL 32025-2689 METALLIC Scale: NOT TO SCALE Drawn by: FER 10/3/19 Checked by: ABE 10/9/19 Project Engineer: JMR Job Number: 17-B-35162-1 Sheet Number: E6 of 12 The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project. Patrick T. Kaminski, P.E. Florida P.E. 84829 Drawing has been digitally signed. OFT 15, 2019

9/28/19 11:35:32

GENERAL NOTES FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION). VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.

* DENOTES: PLATE AT FLANGE BRACE CL190 AT 8" PURLINS/GIRTS CL191 AT 10" PURLINS/GIRTS CL192 AT 12" PURLINS/GIRTS



metallic building company
7301 FAIRNEW - HOUSTON, TEXAS - P.O. BOX 40338
ZIP 77041 (71.3) 466-7788 ZIP 77240

METALLIC

Scale: NOT TO SCALE Drawn by: FER 10/3/19 Checked by: ABE 10/9/19 Project Engineer: JMR Job Number: 17-B-35162-1 Sheet Number: E7 of 12

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

Drawing has been digitally signed.

Patrick T. Kaminski, P.E. Florida P.E. 84829

Oct 15, 2019

PLATE SIZE	TABLE	SPL			
LOW SIDE	HIGH SIDE	QTY. SIZE	TYPE	HARDENED WASHERS	BEVELED WASHERS
6 X 0.375 X 8½					I
6 X 0.375 X 1'-615	6 X 0.375 X 1'-67	(8) ¾ X 1¾	A325 B&N	0	0
6 X 0.375 X 1'-315	6 X 0.375 X 1'-47	(6) ¾ X 1¾	A325 B&N	0	0
		6 X 0.375 X 8½ 6 X 0.375 X 1'-6⅙ 6 X 0.375 X 1'-6⅙	LOW SIDE HIGH SIDE QTY. SIZE 6 X 0.375 X 8½ 6 X 0.375 X 1'-6½ 6 X 0.375 X 1'-6½ (8) ¾ X 1¾	LOW SIDE HIGH SIDE QTY. SIZE TYPE 6 X 0.375 X 8½ (8) ¾ X 1¾ A325 B&N	LOW SIDE HIGH SIDE QTY. SIZE TYPE HARDENED WASHERS 6 X 0.375 X 8½ 6 X 0.375 X 1'-6½ 6 X 0.375 X 1'-6½ (8) ¾ X 1¾ A325 B&N 0

 $\label{eq:rojects_xds_ver01_jmrodriguez_BLDG_B/Drftg/x01L} ROJECTS \ XDS-V8-07-00 \quad FRAME = Eng/17-B-35162/ver01-jmrodriguez/BLDG-B/Drftg/x01L \\ ROJECTS \ XDS-V8-07-00 \quad FB \ SET = Eng/17-B-35162/ver01-jmrodriguez/BLDG-B/Drftg/x01L \\ ROJECTS \ XDS-V8-07-00 \quad FRAME = Eng/17-B-35162/ver01-jmrodriguez/BLDG-B/Drftg/x01-jmrodriguez/BLDG-B/Drftg/x01-jmrodriguez/BLDG-B/Drftg/x01-jmrodriguez/BLDG-B/Drftg/x01-jmrodr$

TRAL NOTES

ME CLEARANCES SHOWN ARE APPROXIMATE AND VARY DUE TO CONDITIONS (DEFLECTION).

TICAL CLEARANCE DIMENSIONS ARE FROM HED FLOOR REFERENCE ELEVATION.

ENOTES: PLATE AT FLANGE BRACE CL190 AT 8" PURLINS/GIRTS CL191 AT 10" PURLINS/GIRTS CL192 AT 12" PURLINS/GIRTS

PLATE SIZE TABLE

HIGH SIDE

6 X 0.375 X 1'-6信 6 X 0.375 X 1'-6信 (8) 菜 X 1菜 A325 B&N 0 6 X 0.375 X 1'-4信 (6) 菜 X 1菜 A325 B&N 0

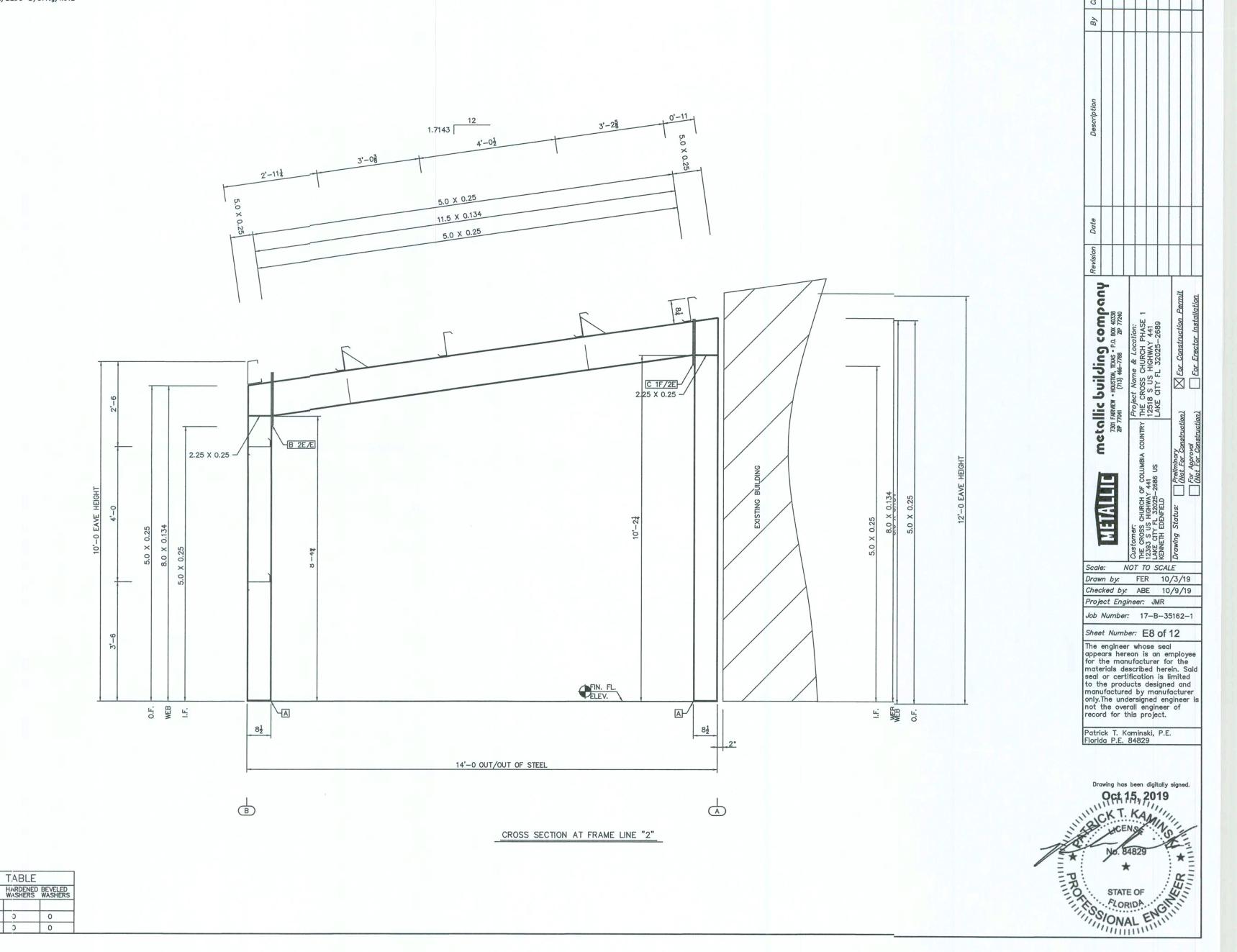
LOW SIDE

6 X 0.375 X 8½

SPLICE BOLT TABLE

TYPE

QTY. SIZE



OJECTS\XDS-V8-07-00 FRAME = Eng/17-B-35162/ver01-jmrodriguez/BLDG-B/Drftg/x01L 9/28/19 11: 40:18 OJECTS\XDS-V8-07-00 FB SET = Eng/17-B-35162/ver01-jmrodriguez/BLDG-B/Drftg/x01L

RAL NOTES E CLEARANCES SHOWN ARE APPROXIMATE AND VARY DUE TO CONDITIONS (DEFLECTION). CAL CLEARANCE DIMENSIONS ARE FROM ED FLOOR REFERENCE ELEVATION.

NOTES: PLATE AT FLANGE BRACE CL190 AT 8" PURLINS/GIRTS CL191 AT 10" PURLINS/GIRTS CL192 AT 12" PURLINS/GIRTS

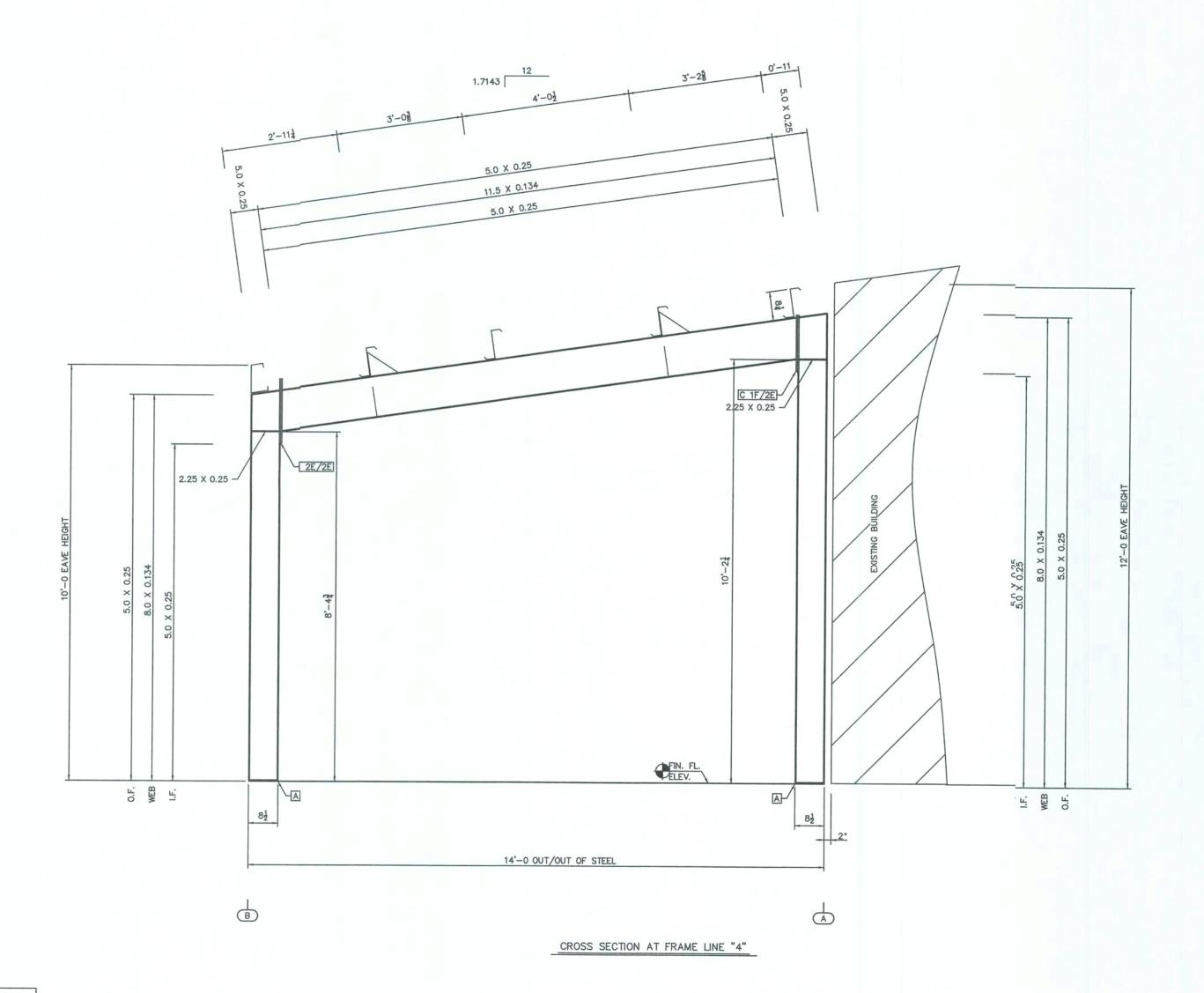
1.7143 5.0 X 0.25 11.5 X 0.134 5.0 X 0.25 C 1F/2E 2.25 X 0.25 B 2E/2 2.25 X 0.25 -WEB ... A 14'-0 OUT/OUT OF STEEL A CROSS SECTION AT FRAME LINE "3"

	Date Description By Ck'd		
	Revision D		
	WETALITE metallic building company	Customer: THE CROSS CHURCH OF COLUMBIA COUNTRY THE CROSS CHURCH PHASE 1 12393 S US HIGHWAY 441 LAKE CITY FL 32025—2686 US KENNETH EDENFIELD	Drawing Status: Preliminary (Not For Construction) Stor Construction Permit For Approval (Not For Construction) For Erector Installation
	Drawn by: Checked by: Project Eng Job Number Sheet Numb The enginee appears her for the mar materials de seal or cert to the prod manufacture only. The under the control of the production of t	ABE 10 ineer: JMR The 17-B-35 oer: E9 of rescribed here ification is lift ucts designed by manufadersigned engineer his project.	/3/19 /9/19 5162-1 12 Inployee r the in. Said mited d and acturer gineer is of
PF		kANNS 4829	signed.

PLATE SIZE	TABLE	SPL	ICE BOLT	TABLE	
LOW SIDE	HIGH SIDE	QTY. SIZE	TYPE	HARDENED WASHERS	BEVEL
X 0.375 X 8½					
X 0.375 X 1'-6情	6 X 0.375 X 1'-676	(8) ¾ X 1¾	A325 B&N	0	0
X 0.375 X 1'−31€	6 X 0.375 X 1'-476	(6) ¾ X 1¾	A325 B&N	0	0

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND
MAY VARY DUE TO CONDITIONS (DEFLECTION). VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.

* DENOTES: PLATE AT FLANGE BRACE CL190 AT 8" PURLINS/GIRTS CL191 AT 10" PURLINS/GIRTS CL192 AT 12" PURLINS/GIRTS



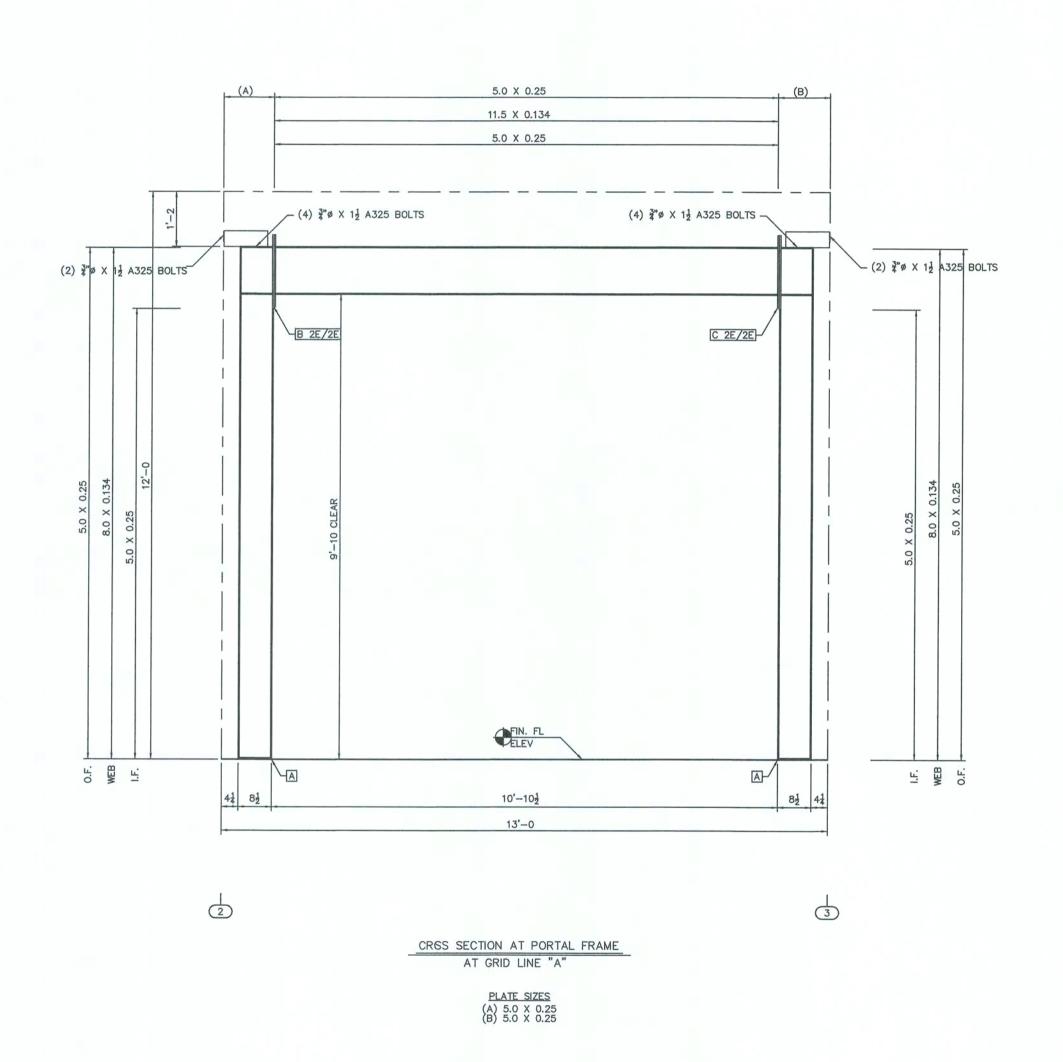
CEN Partick T. Kaminski, P.E. Patrick T. Kaminski, P.E. Patrick T. Kaminski, P.E.		By								
Certific For Construction Constr		Description								
Metallic building Status: Metallic building Company										
Scale: NOT TO SCALE Drawn by: FER 10/3/19 Checked by: ABE 10/9/19 Project Engineer: JMR Job Number: 17-B-35162-1 Sheet Number: E10 of 12 The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project. Patrick T. Kaminski, P.E. Florida P.E. 84829 Drawing has been digitally signed. Oct 15, 2019										
Checked by: ABE 10/9/19 Project Engineer: JMR Job Number: 17-B-35162-1 Sheet Number: E10 of 12 The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project. Patrick T. Kaminski, P.E. Florida P.E. 84829 Drawing has been digitally signed. Oct 15, 2019		marathan m	ME ALLIE	Oustomer:	THE CROSS CHURCH OF	LAKE CITY FL 32025-26	KENNETH EDENFIELD	Drawing Status: Preliminary		
Sheet Number: E10 of 12 The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project. Patrick T. Kaminski, P.E. Florida P.E. 84829 Drawing has been digitally signed. Oct 15, 2019		Drawi Checi	n by: ked by	c	FER ABE		10,	/3/	_	
The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project. Patrick T. Kaminski, P.E. Florida P.E. 84829 Drawing has been digitally signed. Oct 15, 2019				-	17	-В	-35	-	_	
Drawing has been digitally signed. Oct 15, 2019 CK T. KA		The eapped for the mater seal of the manu only. The mater seal of the manu only. The mater search is the manu only. The mater search is the manu only. The mater search is the manu only. The material is the	engineers her marials door cere processing facture he un he oved for	er w reor nufc esci ific luct ed l ders erall this	hos is actuation s d by sign en pro	se s arer d h on i lesi ed gin o jec	seal for here is li gne nufor eng	nplo r the in. mit d a actual gine of	oye Sa ed nd	id r
Oct 15, 2019 OCK T. KA		Florid	a P.E.	84	829)			_	1
	* PROMINITION	PIC	OF K. T.	15 K	A. A.	01	9 1125	111	1171	

	PLATE SIZE	TABLE	SPL	ICE BOLT	TABLE		
ONN.	LOW SIDE	HIGH SIDE	QTY. SIZE	TYPE	HARDENED WASHERS	BEVELED WASHERS	
Α	6 X 0.375 X 8½						
В	6 X 0.375 X 1'-615	6 X 0.375 X 1'-67	(8) ¾ X 1¾	A325 B&N	0	0	
C	6 X 0.375 X 1'-3福	6 X 0.375 X 1'-476	(6) ¾ X 1¾	A325 B&N	0	0	

0Y/PROJECTS\XDS-V8-07-00 FRAME = Eng/17-B-35162/ver01-jmrodriguez/BLDG-B/Drftg/x05L 9/28/19 11: 45: 48

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND
MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM
FINISHED FLOOR REFERENCE ELEVATION.



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		-	-							
Description										
Date										
Revision										
Scale		ZIP 77041 (713) 466—7788 ZIP 77240		Customer:	CHURCH OF COLUMBIA COUNTRY	12393 S US HIGHWAY 441 12598 S US HIGHWAY 441 1 32025–2686 US 1 AME ONTY ET 22025–2680	KENNETH EDENFIELD	Drawing Status: Prelin	(Not For Construction)	Not For Construction)
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Oct 15, 2019

No. 84829

STATE OF

CORIDA

CONAL

	PLATE SIZE	TABLE	SPLI	CE BOLT	TABLE	
NN.	LOW SIDE	HIGH SIDE	QTY. SIZE	TYPE	HARDENED WASHERS	BEVELED WASHERS
Α	6" X 0.375 X 8½					
В	6" X 0.375 X 1'-6	6" X 0.375 X 1'-61	(8) ¾ X 1¾	A325 B&N	0	0
С	6" X 0.375 X 1'-61	6" X 0.375 X 1'-65	(8) ¾ X 1¾	A325 B&N	0	0

