GENERAL NOTES

1.1 Fabrication shall be in accordance with R.G.B. standard practices in compliance with the applicable sections, relating to design requirements and allowable stresses of the latest edition of the "AWS Structural Welding Code D1.1 and D1.3". R.G.B. manufacturing procedures are certified by:

Reference	Certification numbers
Houston	R.G.B. #456

1.2 MATERIALS

	ASTM DESIGNATION	MIN. YIELD STRENGTH
Hot Rolled Steel Shapes (W, S, C & L)	A572/A529	Fy = 50 KSI
Hot Rolled Steel Shapes (W)	A992	Fy = 50 KSI
Round Structural Tubing (HSS)	A500	Fy = 42 KSI
Square/Rect. Structural Tubing (HSS)	A500	Fy = 46 KSI
Structural Steel Web Plate	A572/A1011	Fy = 55 KSI
Structural Steel Flange Plates/Bars	A529/A572	Fy = 55 KSI
Cold Formed Light Gage	A653/A1011	Fy = 55 KSI
Roof and Wall Sheets	A792/A653	Fy = 50, 80 KSI
Cable Brace	A475	Extra High Strength
Rod Brace	A36	Fy = 36 KSI
		MIN. TENSILE STRENGTH
Machine Bolts & Nuts	A307	Fu = 60 KSI
High Strength Bolts (1"ø and less)	F3125 / Gr.A325	Fu = 120 KSI
High Strength Bolts (>1"ø to 1 1/2"ø)	F3125 / Gr.A325	Fu = 105 KSI
Anchor Bolts (if supplied)	A36/A307/F1554 Gr.36	Fu = 58–80 KSI

1.3 PRIMER
Shop primer paint is a rust inhibitive primer which meets the end performance of Federal Specification SSPC No. 15 and is R.G.B. Red or Gray Oxide color. This paint is not intended for long term exposure to the elements. R.G.B. is not responsible for any deterioration of the shop primer paint as a result of improper handling and/or jobsite storage. R.G.B. shall not be responsible for any field applied paint and/or coatings. (Section 6.5 AISC Code of Standard Practice, 16th Edition). Nominal thickness of primer will be 1 mil unless otherwise specified in contract documents.

1.4 GALVANIZED OR SPECIAL COATINGS:
See Contract Documents

1.5 ALL BOLTS ARE 1/2"ø x 0'–1" A307 (snug–tightened) EXCEPT :
a) Eave strut connection – 1/2"ø x 0'–1 1/4" A307 without washer (unless noted otherwise)
b) Endwall rafter splice – 5/8"ø x 0'–1 3/4" F3125 / Gr.A325 with washer
c) Endwall column to rafter connection – 1/2"ø x 0'–1 1/4" F3125 / Gr. A325 without washer
d) Main frame moment splice connections – F3125 / Gr.A325 with washer, SEE CROSS SECTION for dimensions.
NOTE: One (01) washer is supplied on main frame moment splice and to F3125 / Gr.A325 bolts unless noted otherwise on drawing

1.6 F3125 / Gr.A325 BOLT TIGHTENING REQUIREMENTS
All high strength bolts are F3125 / Gr.A325 unless specifically noted otherwise. Structural bolts shall be tightened by the turn–of–the–nut or calibrated wrench methods in accordance with the 16th Edition AISC/RCSC "Specification For Structural Joints using ASTM F3125/Gr.A325 or A490 Bolts". Washers are supplied separately from High Strength Bolts, however, assembly with washers are required before erection. Installaition inspection is recommended and be based on Section 9.1 and 9.2 of AISC/RCSC.

Snug–tight is permitted EXCEPT for the following conditions:
a) Building located in high seismic areas; Seismic Design Categories D, E, F
b) Building supporting cranes
c) Building supporting machinery that creates vibration, impact or stress reversal
d) Connections using ASTM A490
e) Connections using slip–critical condition
f) or as prohibited in the contracts/specifications

1.7 CLOSURE STRIPS ARE FURNISHED FOR APPLICATION:
INSIDE– Under roof panels at eave
OUTSIDE – Between endwall panels and rake trim
– Under continuous ridge vent skirts

1.8 ERECTION NOTE:
All bracing, strapping, & bridging shown and provided by R.G.B. for this building is required and shall be installed by the erector as a permanent part of the structure. If additional bracing is required for stability during erection, it shall be the erector's responsibility to determine the amount of such bracing and to procure and install as needed.

1.9 ERECTION AND UNLOADING NOT BY R.G.B.

1.10 SHORTAGES
Any claims or shortages by buyer must be made to R.G.B. within five (5) working days after delivery, or such claims will be considered to have been waived by the customer and disallowed.

1.11 CORRECTIONS OF ERRORS AND REPAIRS (MBMA 6.10)
Claims for correction of alleged misfits will be disallowed unless R.G.B. shall have received prior notice thereof and allowed reasonable inspection of such misfits. The correction of minor misfits by the use of drift pins to draw the components into 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. No part of the Building may be returned for alleged misfits without the prior approval of R.G.B.

BUYER/END USE CUSTOMER RESPONSIBILITIES

2.1 It is the responsibility of the BUYER/END USE CUSTOMER to obtain appropriate approvals and secure necessary permits from City, County, State, or Federal Agencies as required, and to advise/release R.G.B. to fabricate upon receiving such.

2.2 Rigid Global Buildings (hereafter referred to as R.G.B.) standard specifications apply unless stipulated otherwise in the Contract Documents. R.G.B. design, fabrication, quality criteria, standards, practice, methods and tolerances shall govern the work with any other interpretations to the contrary notwithstanding. It is understood by both Parties that the BUYER/END USE CUSTOMER is responsible for clarification of inclusions or exclusions from the architectural plans and/or specifications.

2.3 In case of discrepancies between R.G.B. structural steel plans and plans for other trades, R.G.B. plans shall govern. (Section. 3 AISC Code of Standard Practices, 16th Edition)

2.4 Approval of R.G.B. drawings and calculations indicates that R.G.B. has correctly interpreted and applied the Contract Documents. This approval constitutes the contractor/owners acceptance of the R.G.B. design concepts, assumptions, and loading. (Section 4 AISC Code 15th Edition and MBMA 3.3.3)

2.5 Once the BUYER/END USE CUSTOMER has signed R.G.B. Approval Package and the project is released for fabrication, changes shall be billed to the BUYER/ END USE CUSTOMER including material, engineering and other costs. An additional fee may be charged if the project must be moved from the fabrication and shipping schedule.

RIGID GLOBAL BUILDINGS

DRAWING PACKAGE

SALES NO.	71872	JOB NO.	157337–38–39	BUILDING	A
CUSTOMER	CROSS DEVELOPMENT LLC				
END USER	CALIBER COLLISION				
END USE	COMMERCIAL				
STREET	710 SE BLUE PKWY				
CITY ST ZIP	LEES SUMMIT, MO 64002				
COUNTY	JACKSON				

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING AS INDICATED:

DESIGN LOADS:

Design Code	: IBC 18		
Dead Load (psf)	: Metal building structure only by RGB		
Collateral Load (psf)	: 6		
Wind Load			
Basic Design Wind Speed	: V (3 sec. gust)	=	109 mph
Allowable Stress Design Wind Speed	: Vasd (3 sec. gust)	=	84.430 mph
Risk Category	: II - Normal		
Wind Exposure	: C		
Internal Pressure Coefficient, GCPi	: 0.180 / -0.180		
Design Wind Pressure For Wall	: Based on Nominal Design Wind Speed		
Components Wind Pressure (psf)	: 11.751		
Components Wind Suction (psf)	: -12.899		
Claddings Wind Pressure (psf)	: 13.779		
Claddings Wind Suction (psf)	: -14.927		
Enclosure	: Closed		
Live Load			
Primary Framing (psf)	: 20.00		
Trib. Area Reduction	: No		
Secondary Framing (psf)	: 20.00		
Snow Load			
Ground Snow Load, Pg (psf)	: 20.00		
Roof Snow Load, Pf (psf)	: 20		
Sloped Roof Snow Load, Ps (psf)	: 20		
Snow Exposure Factor, Ce	: 1.000		
Snow Importance Factor, Is	: 1.000		
Thermal Factor, Ct	: 1.000		
Sloped Factor, Cs	: 1.000		
Seismic Load			
Seismic Importance Factor, Ie	: 1.00		
Seismic Occupancy Category	: II - Normal		
Site Class	: C		
Mapped Spectral Response Acceleration	: Ss = 0.100	:S1 =	0.068
Spectral Response Coefficients	: Sds = 0.087	:Sd1 =	0.068
Seismic Design Category	: B		
Basic Force Resisting Systems Used	: Steel System Not Specifically Detailed For Seismic Resistance		
	: Rigid Frames		
	: Braced Frames		
Total Design Base Shear, V (kips)	: Longitudinal = 7.70	Transverse=	6.37
Response Modification Factors, R	: Rigid Frames = 3.00		
	: SW X-Bracing = 3.00		
	: EW X-Bracing = 3.00		
Seismic Response Coefficient, Cs	: Rigid Frames = 0.029		
	: SW X-Bracing = 0.029		
	: EW X-Bracing = 0.029		
Analysis Procedure Used	: Equivalent Lateral Force Procedure		
Rainfall Intensity (in/hr)	: 7		
DESIGN and DETAIL REQUIREMENTS			
Roof Panels	: 24Ga. Hi-Tech (Minor Rib) with Quad-Lok seam type		
Structural Coating	: Gray Oxide Primaries & Secondaries		

Deflection Limit
: Vertical
= L/240 (LL) at Office Area
= L/180 (LL) at Workshop
= L/180 (DL + LL)
= L/600 (DL) Stone Veneer (Lintel)
Roof Panel = L/180
: Horizontal
= L/120 Endwall Column
= L/360 Endwall Column @ Stucco
= H/120 RF Sidesway
= H/200 RF Sidesway @ Stucco
= L/360 Headers/Girts @ Stucco

Misc Loads
: (2) Big Ass Fans = 250 lbs/Unit
: RTU-1 & RTU-2 = 2,400 lbs/unit
RTU-3 = 1,105 lbs
: EF-4 & EF-5 = 200 lbs/unit
: Snowdrift from Parapet Walls

Before erecting your building, please see the Rigid Erection & Safety Manual at rigidbuilding.com/document–library

BUILDING DESCRIPTION:

Width (ft)	:	See Drawings
Length (ft)	:	
Eave Ht. at BSW (ft)	:	
Eave Ht. at FSW (ft)	:	
Roof Slope at BSW	:	
Roof Slope at FSW	:	
Bay Spacing (ft)	:	

COVERING AND TRIMS:

Roof Panels & Trims (Bldg.–A)
Panel Type : 24 Ga. HT
Panel Color : Solar White
Trim Colors
Eave Trim : Burnished Slate
Eave Gutter : Burnished Slate
Gable Trim : Burnished Slate

Roof Panels & Trims (Bldg.–B & C)
Panel Type : 26 Ga. PBR
Panel Color : Solar White
Trim Colors
Eave Trim : Burnished Slate
Eave Gutter : Burnished Slate
Gable Trim : Burnished Slate

Wall Panel & Trims
Panel Type : 26 Ga. Rev. PBM
Panel Color : Galvalume Plus
Trim Colors
Corner Trims : Galvalume Plus
Opening Trims : S2000 - Std.
Downspouts : Burnished Slate
Base Trim : N/A
Mas. Flash : N/A

Special Requirements : NONE

2.6 The BUYER/END USE CUSTOMER is responsible for overall project coordination. All interface, compatibility, and design considerations concerning any materials not furnished by R.G.B. and R.G.B. steel system are to be considered and coordinated by the BUYER/END USE CUSTOMER. Specific design criteria concerning this interface between materials must be furnished before release for fabrication or R.G.B. assumptions will govern (Section 4 and Commentary, AISC Code of Standard Practice, 16th Edition)

2.7 It is the responsibility of the BUYER/END USE CUSTOMER to ensure that R.G.B. plans 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 R.G.B. or its design engineers are acting as the engineer of record or design professional for a construction project. These drawings are sealed only to certify the design of the structural components furnished by R.G.B.

2.8 The BUYER/END USE CUSTOMER is responsible for setting of anchor bolts and erection of steel in accordance with R.G.B. "For Construction" drawings only. Temporary supports such as guys, braces, falsework, cribbing or other elements required for the erection operation shall be determined furnished and installed by the erector. No items should be purchased from a preliminary set of drawings, including anchor bolts. Use only final "FOR CONSTRUCTION DRAWINGS" for this use. (Section 7 AISC Code of Standard Practice, 16th Edition.)

2.9 Rigid Global Buildings is responsible for the design of the anchor bolt to permit the transfer of forces between the base plate and the anchor bolt in shear, bearing and tension, but is not responsible for the transfer of anchor bolt forces to the concrete, anchor bolt embedment or the adequacy of the anchor bolt in relation to the concrete.
Unless otherwise provided in the Order Documents, R.G.B. does not design and is not responsible for the design, material and construction of the foundation or foundation embedments. The END USE CUSTOMER should assure himself that adequate provisions are made in the foundation design for loads imposed by column reactions of the building, other imposed loads, and bearing capacity of the soil and other conditions of the building site.
It is recommended that the anchorage/anchor bolt embedment and foundation of the building be designed by a Registered Professional Engineer experienced in the design of such structures. (Chapter IV Section 3.2.2 Metal Building Systems Manual 18th Edition)

2.10 Normal erection operations include the corrections of minor misfits by moderate amounts of reaming, chipping, welding or cutting, and the drawing of elements into line through the use of drift pins. Errors which cannot be corrected by the foregoing means or which require major changes in member configuration are to be reported immediately to R.G.B. by the BUYER/END USE CUSTOMER, to enable whoever is responsible either to correct the error or to approve the most efficient and economic method of correction to be used by others. (Section 7 AISC Code of Standard Practice, 16th Edition)

2.11 Neither the fabricator nor the BUYER/END USE CUSTOMER will cut, drill or otherwise alter his work, or the work of other trades, to accommodate other trades, unless such work is clearly specified in the contract documents. Whenever such work is specified, the BUYER/END USE CUSTOMER is responsible for furnishing complete information as to materials, size, location and number of alterations prior to preparation of shop drawings. (Section 7 AISC Code of Standard Practice, 16th Edition)

2.12 WARNING In no case should Galvalume steel panels be used in conjunction with lead or copper. Both lead and copper have harmful corrosive effects on the Galvalume alloy coating when they are in contact with Galvalume steel panels. Even run–off from copper flashing, wiring, or tubing onto Galvalume should be avoided.

2.13 SAFETY COMMITMENT Rigid Global Buildings 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 R.G.B.
It is strongly recommended that safe working conditions and accident prevention practices be the top priority of any job site. Local, State, and Federal safety and health standards should always be followed to help insure workers safety. Make certain all employees know the safest and most productive way of erecting a building. Emergency procedures should be known to all employees.
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.

2.14 Roof drainage systems (gutter, downspouts, etc.) must be free of any obstruction to ensure smooth operation at any given time.

2.15 It is recommended by Factory Mutual (Reference: B2.44) that roofs be cleared of snow when half of the maximum snow depth is reached. The maximum snow depth can be estimated based on the design snow load and the density of snow and/or ice buildup. See Chart below.

ROOF SNOW LOAD (IN PSF)	EQUIVALENT SNOW HEIGHT AT ROOF (IN INCHES)	RECOMMENDED SNOW HEIGHT WHEN SNOW REMOVAL SHOULD START (IN INCHES)
20	16.60	8.30
30	17.90	8.95
40	19.20	9.60
50	20.50	10.25
60	21.80	10.90
70	23.10	11.55
80	24.40	12.20

NOTE:
For Snow/Ice Removal Procedure, Refer to Metal Building System Manual 18th Edition, Section A9.4, Page A–59

FOR PERMIT

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1/14/22
STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

LEGENDS & ABBREVIATIONS

DESIGN:

Accel.	Acceleration
Coeff.	Coefficient
CL, Collat	Collateral Load
DL, Dead	Dead Load
H, Horz, Horiz	Horizontal
L	Left
LL, Live	Live Load
LnWnd, LnWind, LWIND	Longitudinal Wind Load
Min, min	Minimum
Max, max	Maximum
R	Right
SL	Snow Load
Slide	Sliding Snow Load
SEIS, Seis	Seismic Load
U_Snow	Unbalance Snow Load
V, Vert	Vertical
WL, Wind_L	Wind Load Left
WR, Wind_R	Wind Load Right
WP, Wind_P	Wind Pressure
WS, Wind_S	Wind Suction

ENGLISH UNITS

Acre	Acres
FT, ft	Feet
GA, Ga, ga	Gage
Gal	Gallons
IN, in	Inches
K, k	Kips
KSI, ksi	Kips Per Square-Inches
lb, #	Pounds
MPH, mph	Miles Per Hour
PLF, plf, lb/ft	Pounds Per Linear-Foot
PSF, psf, lb/ft^2	Pounds Per Square-Feet
TON, ton	Tons
Yd	Yard

METRIC UNITS

cm	Centimeters
Hec	Hectares
liter	Liters
m	Meters
mm	Millimeters
N	Newtons
km	Kilometers
kN	Kilonewtons
kN/m^2	Kilonewtons Per Square-meter
kPa	Kilopascals
kph	Kilometers Per Hour
Pa	Pascals

USEFUL CONVERSION

English	To	English	Metric	To	Metric
1 mile		1760 Yd	1 km		1000 m
1 Yd		3 Ft	1 m		100 cm
1 Ft		12 in	1 cm		10 mm
1 in		16/16 in	1 kN		1000 N
1 Ton (English)		2 Kips	1 kg		9.8066 N
1 Kip		1000 lb	1 Ton (Metric)		1000 kg
1 lb		16 ounces	1 Hec		10,000 m^2
1 Acre		43560 Ft^2	1 m^3		1000 liter
1 Ft^3		7.4805 Gal	1 kPa		1 kN/m^2

English	To	Metric	Metric	To	English
1 in		2.54 cm	1 cm		0.3937 in
1 ft		0.3048 m	1 m		3.2808 ft
1 lb		0.4536 kg	1 kg		2.2046 lb
1 Ton (English)		907.18 kg	1 Ton (Metric)		2204.6 lb
1 Kip		4.4482 kN	1 kN		0.2248 kip
1 mile		1.6093 km	1 km		0.6213 mile
1 Acre		0.4046 Hec	1 Hec		2.4715 Acres
1 lb/ft^2		0.0478 kPa	1 kPa		20.8854 lb/ft^2

Fraction	To	Decimal	Fraction	To	Decimal
1/16		0.0625	9/16		0.5625
1/8		0.1250	5/8		0.6250
3/16		0.1875	11/16		0.6875
1/4		0.2500	3/4		0.7500
5/16		0.3125	13/16		0.8125
3/8		0.3750	7/8		0.8750
7/16		0.4375	15/16		0.9375
1/2		0.5000	16/16		1.0000

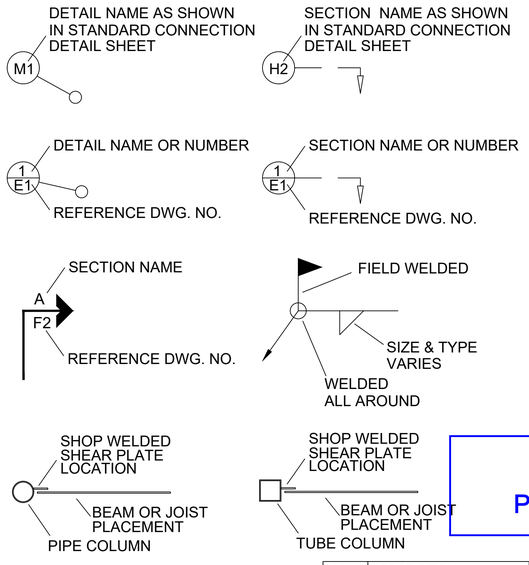
DRAWINGS:

AB, A.B.	Anchor Bolt
AS, As Shown	As Shown
Aux.	Auxiliary
BLDG., Bldg.	Building
B.P., Base PL	Base Plate
BOTT., Bott.	Bottom
Bott. Base PL, B.O.B.P	Bottom Of Base Plate
B.O.S.	Bottom Of Steel
BSW	Back Sidewall
BY OTHERS	By Other Supplier or Not By Rigid
C/C	Center to Center
C.I.P.	Cast-In-Place
CL, ℄	Center Line
CLR.	Clear, Clearance
CMU	Concrete Masonry Unit
COL., Col.	Column
CONC., Conc.	Concrete
CONT.	Continuous, Continuation
DET.	Detail
DIA., Dia., Ø	Diameter
DIM., Dim.	Dimension
DWG., Dwg.	Drawing
EH, E.H.	Eave Height
EJ, Exp. Jt.	Expansion Joint
EL, Elev.	Elevation
EP	End Plate
ES, E.S.	Eave Strut
EW	Endwall
EW COL, EC	Endwall Column
EW RAF	Endwall Rafter
Exp. Bolt	Expansion Bolt
FFL, Fin. Flr.	Finish Floor Line
FLG., FLGE., Flg., Flge.	Flange
FNB, F.N.B.	Fin Neck Bolt
FO, F.O.	Framed Opening
FRM., Frm.	Frame
FSW	Front Sidewall
GA, Ga.	Gage
GALV., Galv.	Galvanized
G.O.L.	Gage of Outstanding Leg
H, Ht.	Height
HED,HEDS	High Eave Double Slope
HES,HESS	High Eave Single Slope
Horz, Horiz	Horizontal
HSB, H.S.B.	High Strength Bolt
HSS	Hollow Structural Section
INT., Int.	Interior, Intermediate
I/S	Inside
LED,LEDS	Low Eave Double Slope
LES,LESS	Low Eave Single Slope
LEW	Left Endwall
LHI	Left Hand In
LHO	Left Hand Out
LL	Long Life
LLH	Long Leg Horizontal
LLV	Long Leg Vertical
LT	Lean-To
LT COL	Lean-To Column
LT RAF	Lean-To Rafter
LG., Lg.	Long
L, Lt.	Length
L x W x H	Length x Width x Height
MAX., max.	Maximum
MIN., min.	Minimum
MKD., MK'D.	Marked
MB, M.B.	Machine Bolt
MEZZ., Mezz.	Mezzanine
N.A., N/A	Not Applicable
NO., No.	Number
NS/FS, NS&FS	Near Side and Far Side
O.C.	On Center
O/S	Outside
OH, Opp Hand	Opposite Hand (Mirror Image)
OHD, O.H.D.	Over-Head Door
O/O	Out to Out
PF COL	Portal Frame Column (Wind Bent Column)
PF RAF	Portal Frame Rafter (Wind Bent Rafter)
PL, ℙ	Plate
QTY., Qty.	Quantity
REF., Ref.	Refer, Reference
REW	Right Endwall

DRAWINGS:

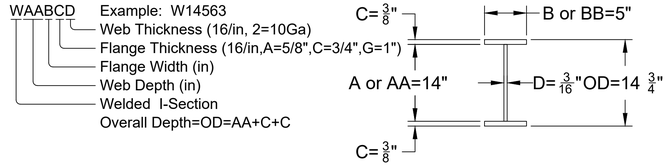
RHB	Round Head Bolt
RHI	Right Hand In
RHO	Right Hand Out
REINF.	Reinforced
REQ'D., REQD.,	Required
REV., Rev.	Revised, Revision
RF, R.F.	Rigid Frame
RF COL	Rigid Frame Column
RF RAF	Rigid Frame Rafter
RUD, R.U.D.	Roll-Up Door
SC	Slip Critical
SDS	Self-Drilling Screws
SECT., Sect.	Section
SHTG., Shtg.	Sheeting
Sol Col	Soldier Column
SP	Splice Plate
SSR	Standing Seam Roof
SST	Stainless Steel
ST COL	Straight Column
STIFF.	Stiffener
STD.	Standard
STS	Self-Tapping Screws
SW	Sidewall
SYM., Sym., SYMM., Symm.	Symmetry, Symmetrical
TBE	To Be Established
TBD	To Be Determined
TC	Tension Control
THK., Thk.	Thick
TOC, T.O.C.	Top Of Concrete
TOS, T.O.S.	Top Of Steel
T & B, TOP & BOTT	Top and Bottom
TYP., Typ., typ.	Typical
UN, U.N.O.	Unless Noted, Unless Noted Otherwise
Vert.	Vertical
WD	Walk Door
W, Wd.	Width
W.P.	Work Point, Working Point

SECTIONS AND DETAILS:

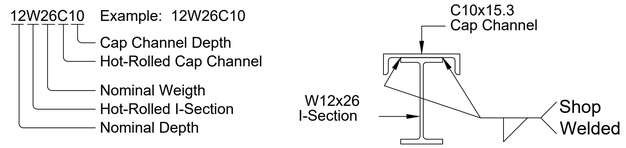


FOR PERMIT

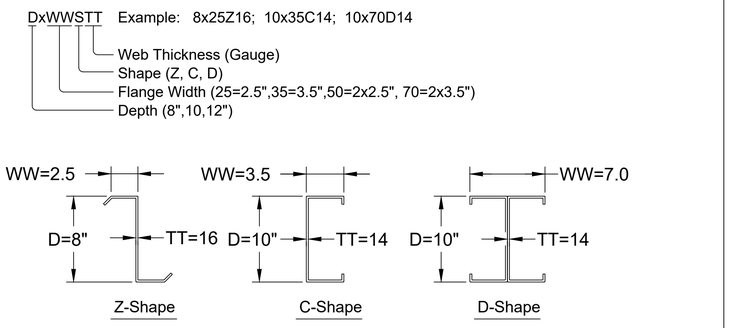
BUILT-UP SECTIONS: USED FOR FRAMES, BEAMS, COLUMNS



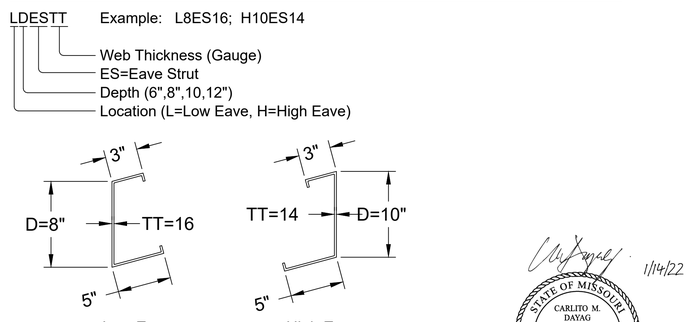
CRANE BEAM SECTIONS: USED FOR RUNWAY BEAMS, MONORAILS



COLD-FORMED SECTIONS Z,C,D: USED FOR PURLINS,GIRTS,JAMBS,JOISTS



COLD-FORMED SECTION ES: USED FOR EAVE STRUTS



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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	LEGENDS AND ABBREVIATIONS		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.	JOB NO.	SCALE:	DWG. NO.:	ISSUE:
71872	157337-38-39	N.T.S.	C2 OF 4	A

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C02	A	LEGENDS AND ABBREVIATIONS
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E14	A	DETAIL DRAWINGS
E15	A	DETAIL DRAWINGS
E16	A	DETAIL DRAWINGS
E17	A	DETAIL DRAWINGS
E18	A	DETAIL DRAWINGS

DWG.NO.	ISSUE	DRAWING TITLE

DWG.NO.	ISSUE	DRAWING TITLE

1/14/22

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

FOR PERMIT

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS

18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	DRAWING INDEX			
CUSTOMER	CROSS DEVELOPMENT LLC			
END USER	CALIBER COLLISION			
END USE	COMMERCIAL	BUILDING	A	
STREET	710 SE BLUE PKWY			
CITY ST ZIP	LEES SUMMIT, MO 64002			

SALES NO.	JOB NO.	SCALE:	DWG. NO.:	ISSUE:
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UNLOADING, HANDLING AND STORING OF MATERIALS

STRUCTURAL

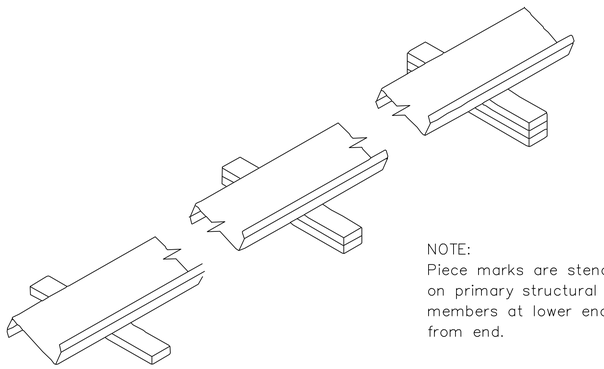
A great amount of time and trouble can be saved if the building site is according to a pre–arranged plan. Proper location and handling of components will eliminate unnecessary handling.

Inspect all shipments prior to releasing the tie–downs for loads that may have shifted during transit, REMEMBER, SAFETY FIRST!

Blocking under the columns and rafters protects the splice plates and the slab from damage during the unloading process. It also facilitates the placing of slings or cables around the members for later lifting and allows members to be bolted together into sub–assemblies while on the ground. Extra care should always be exercised in the unloading operations to prevent injuries from handling the steel and to prevent damage to materials and the concrete slabs.

If water is allowed to remain for extended periods in bundles of primed parts such as girts, purlins etc., the pigment will fade and the paint will gradually soften, reducing the bond to the steel. Therefore, upon receipt of a job, all bundles of primed parts should be stored at an angle to allow any trapped water to drain away and permit air circulation for drying. Puddles of water should not be allowed to collect and remain on columns, rafters or beams for the same reason.

<u>All Primer should be touched up as required before erection!</u>



NOTE:
Piece marks are stenciled on primary structural members at lower end, 1'–0" from end.

WALLS AND ROOF PANELS

RIGID's wall and roof panels including color coated, galvalume and galvanized, provide excellent service under widely varied conditions. All unloading and erection personnel should fully understand that these panels are quality merchandise which merit cautious care in handling.

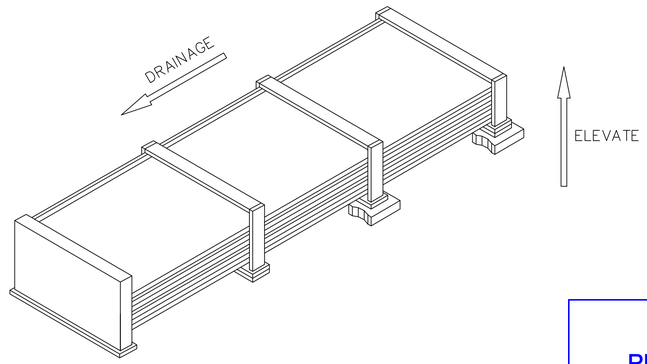
Under no circumstances should panels be handled roughly. Packages of sheets should be lifted off the truck with extreme care taken to insure that no damage occurs to ends of the sheets or to side ribs. The packages should be stored off the ground sufficiently high to allow air circulation underneath the packages. This avoids ground moisture and deters people from walking on the packages. One end of the package should always be elevated to encourage drainage in case of rain.

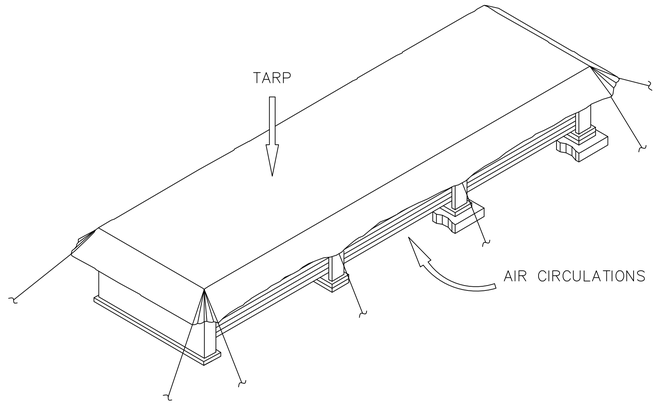
All stacked metal panels are subject, to some degree, to localized discoloration or stain when water is trapped between their closely nested surfaces. RIGID exercises extreme caution during fabricating and shipping operations to insure that all panel stock is kept dry. However, due to climatic conditions, water formed by condensation of humid air can be trapped between stacked sheets. Water can also be trapped between stacked sheets when exposed to rain. This discoloration caused by trapped moisture is often called wet storage stain.

The stain is usually superficial and has little effect on the appearance or service life of the panels as long as it is not permitted to remain on the panels. However, moisture in contact with the surface of the panels over an extended period can severely attack the finish and reduce the effective service life. Therefore, it is imperative that all panels be inspected for moisture upon receipt of the order. If moisture is present, dry the panels at once and store in a dry, warm place.

CAUTION: Care should always be taken when walking on panels. Use saftey lines and nets when necessary! Panels are slippery. Oil or wax applied to the roof and wall panels for protection against weather damage will make them a very slippery surface. Wipe dry any oil that has puddled from bundles stored on a slope. Dew, frost, or other forms of moisture greatly increase the slipperiness of the panels. Always assume panel surface is slippery and act accordingly. Think safety!!

Use wood blocking to elevate and slope the panels in a manner that will allow moisture to drain. Wood blocking placed between bundles will provide additional air circulation. Cover the stacked bundles with a tarp or plastic cover leaving enough opening at the bottom for air to circulate.





When handling or uncrating the panels, <u>lift, rather than slide, them apart.</u> Burred edges may scratch the coated surfaces when sheets are slid over one another. Never allow panels to be walked on while on the ground.

Rough and improper handling of a panel is inexcusable and a prime example of poor job supervision.

NOTE:
Use gloves when handling metal panels to prevent hand injuries. Be aware, of the dangers of handling panels on a windy day. A large panel can catch enough wind to knock a worker off his feet, even at ground level!! <u>Safety first!</u>

<u>GENERAL NOTE:</u>
1. OIL CANNING OF PANELS IS NOT A CAUSE OF REJECTION.
2. EXTREME CARE MUST BE EXERCISED DURING THE ERECTION OF ROOF PANELS AND TRIMS. FOOT TRAFFIC MAY RESULT IN PERMANENT PANEL DISTORTION AND FINISH ABRASION.

FOR PERMIT

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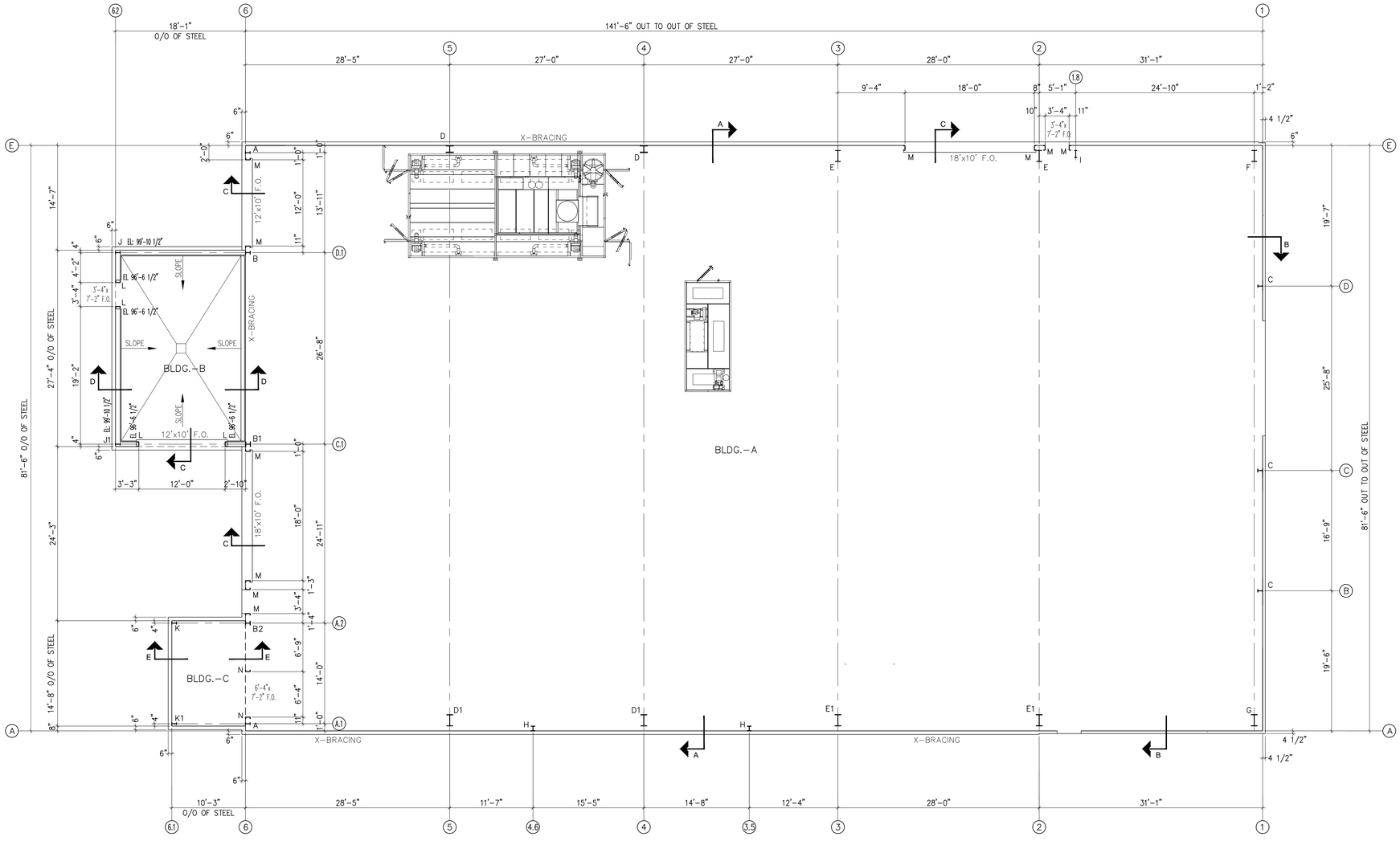
STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER
1/14/22

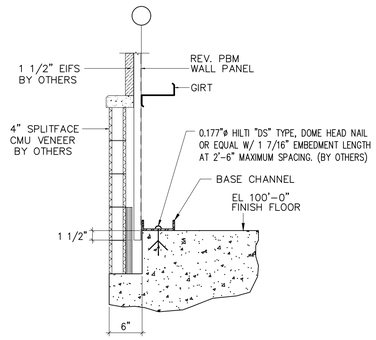
CUSTOMER: CROSS DEVELOPMENT LLC

SALES NO.:	JOB NO.:	BUILDING.:	DWG. NO.:	ISSUE
71872	157337-38-39	A	C4 OF 4	A



COLUMN LAYOUT PLAN

NOTE: All Base Plates @ 100'-0" (F.F.L.) U.N.



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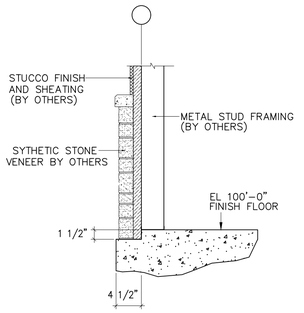

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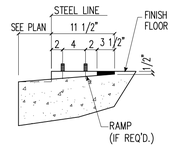

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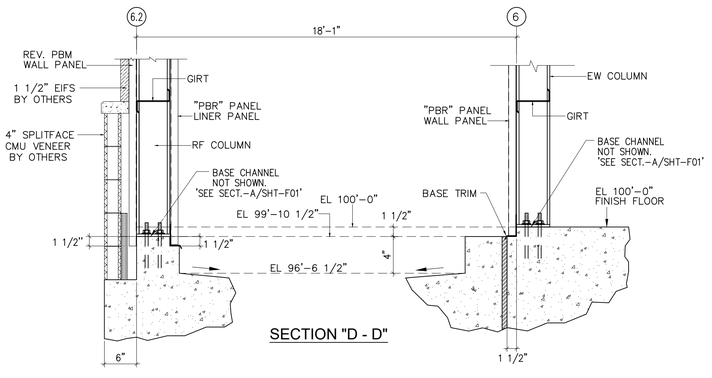

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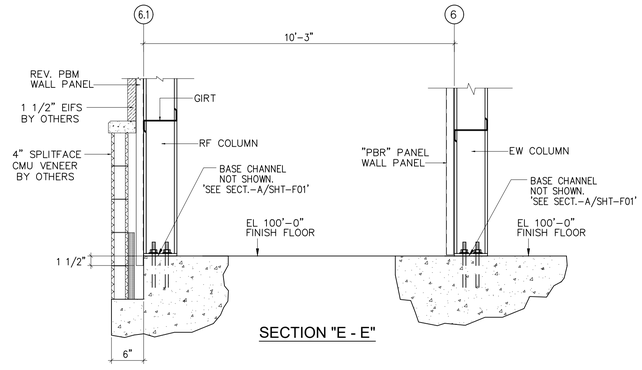

SECTION "E - E"

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CARLITO M. DAYAG
STATE OF MISSOURI
NUMBER PE-2015003990
PROFESSIONAL ENGINEER
1/14/22

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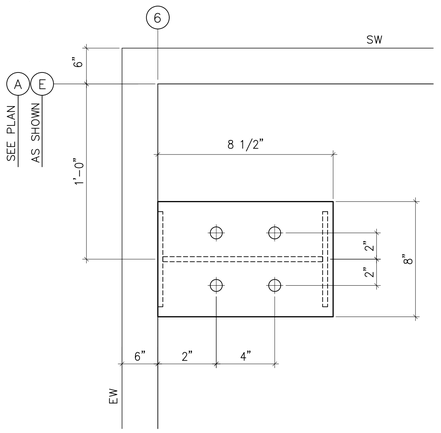
RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	COLUMN LAYOUT PLAN		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

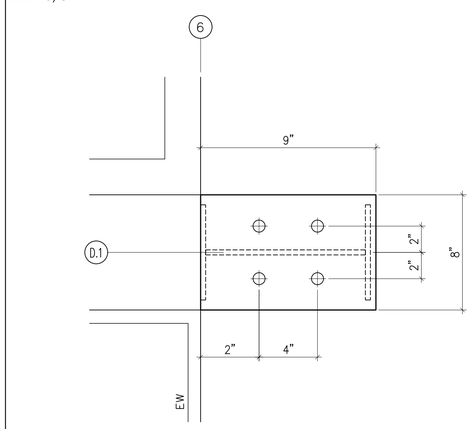
SALES NO.	JOB NO.	SCALE:	DWG. NO.:	ISSUE:
71872	157337-38-39	1/8"	F01 OF 5	0

Dia= 3/4"
Thk= 3/8"



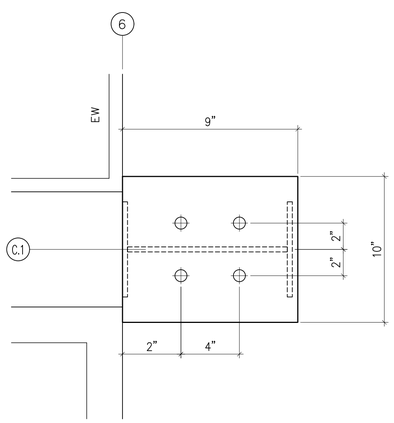
DETAIL A

Dia= 3/4"
Thk= 3/8"



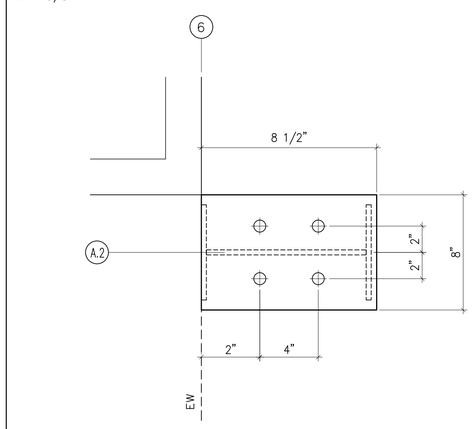
DETAIL B

Dia= 3/4"
Thk= 3/8"



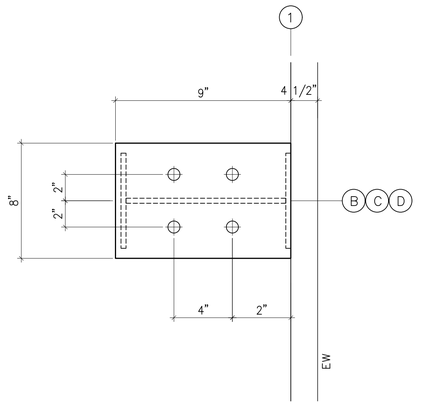
DETAIL B1

Dia= 3/4"
Thk= 3/8"



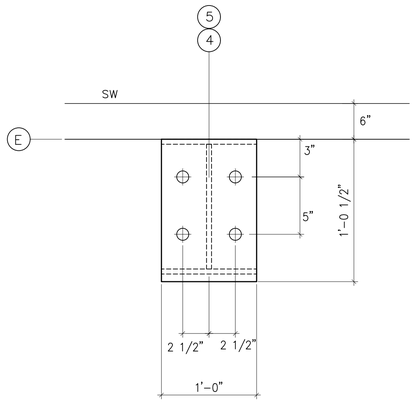
DETAIL B2

Dia= 3/4"
Thk= 3/8"



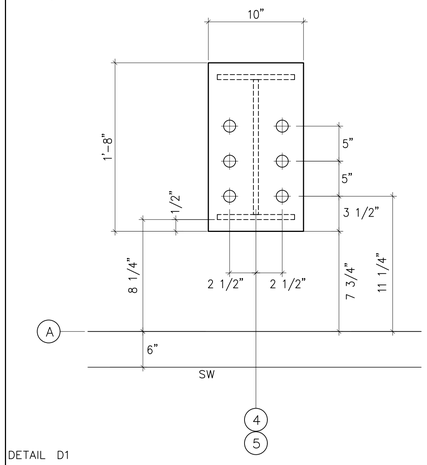
DETAIL C

Dia= 1 1/4"
Thk= 1/2"



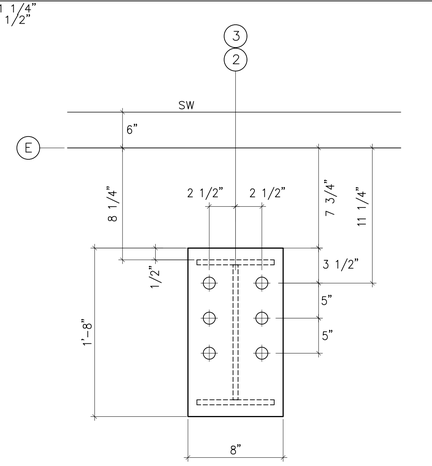
DETAIL D

Dia= 1 1/4"
Thk= 1/2"



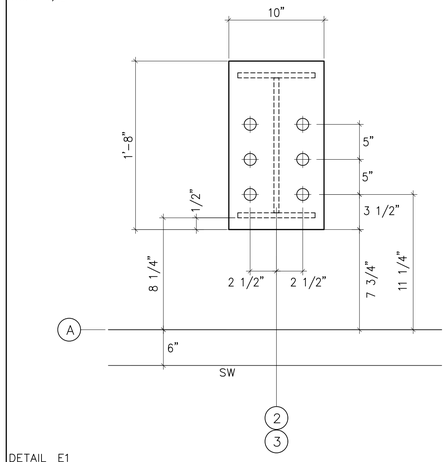
DETAIL D1

Dia= 1 1/4"
Thk= 1/2"



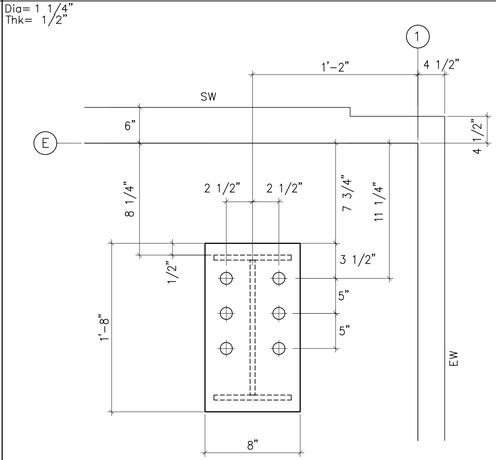
DETAIL E

Dia= 1 1/4"
Thk= 1/2"



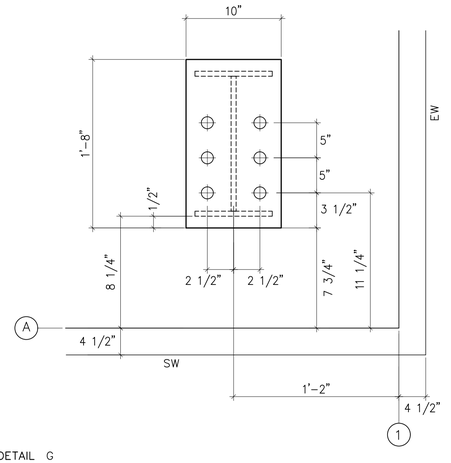
DETAIL E1

Dia= 1 1/4"
Thk= 1/2"



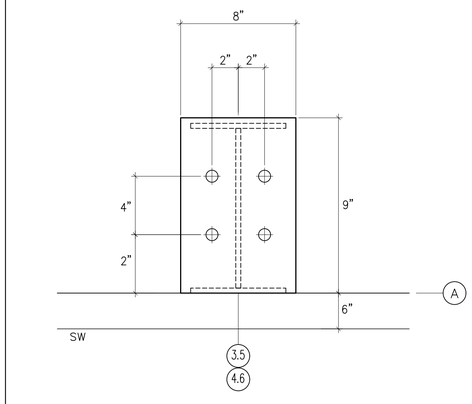
DETAIL F

Dia= 1 1/4"
Thk= 1/2"



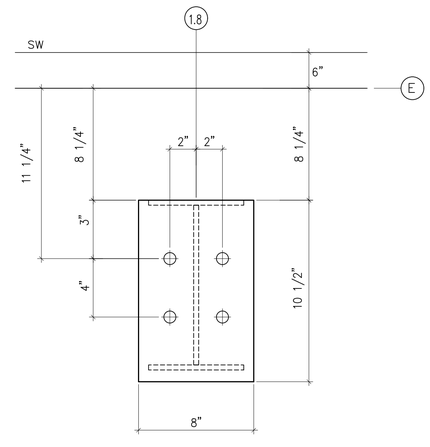
DETAIL G

Dia= 3/4"
Thk= 1/2"



DETAIL H

Dia= 3/4"
Thk= 1/2"



DETAIL I

FOR
PERMIT

1/14/22

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

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GENERAL NOTES:

1. THE ANCHOR BOLT DETAILS SHOWN ON THIS DRAWING LOCATE THE ANCHOR BOLTS IN REFERENCE TO BOTH THE BUILDING STEEL LINE AND THE OUTSIDE OF RIGID'S SUGGESTED PANEL RECESS OF 1-1/2".
2. THE ANCHOR BOLT SETTING PLAN LOCATES ANCHOR BOLTS IN REFERENCE TO THE OUTSIDE OF THE PANEL RECESS SHOWN. IF THE ACTUAL PANEL RECESS IS DIFFERENT FROM WHAT IS SHOWN ON THE ANCHOR BOLT SETTING PLAN, THEN ALL REFERENCE DIMENSIONS FROM THE OUTSIDE OF THE PANEL RECESS MUST BE DETERMINED BY THE CUSTOMER.
3. BOTTOM OF ALL BASE PLATES ARE AT THE SAME ELEVATION. (UNLESS NOTED)

NOTE:

ONLY ANCHOR BOLTS SETTING PLAN ISSUED & STAMPED "FOR CONSTRUCTION" SHALL BE USED IN SETTING ANCHOR BOLTS. 'RIGID GLOBAL BUILDINGS' SHALL NOT BE RESPONSIBLE FOR ERROR OR DISCREPANCY IF THE DRAWING USED IS NOT VALID FOR CONSTRUCTION.

QTY.	SYMBOL	DIA.	PROJ.
–	✦	1/2"	1"
32	⊕	5/8"	2"
60	⊕	3/4"	2 1/2"
–	⊕	7/8"	2 3/4"
–	⊕	1"	3"
56	⊕	1 1/4"	3 1/2"
–	⊕	1 1/2"	3 1/2"

ANCHOR BOLT DETAIL

ANCHOR BOLT PROJECTION "PROJ." IS MEASURED FROM BOTTOM OF BASE PLATE

LENGHT OF "PROJ." SHOWN IS FOR ONE NUT + ONE WASHER

DETAIL OF ANCHOR BOLT AS PER THE SUPPLIER

NUTS & WASHERS BY SUPPLIER

ANCHOR BOLTS NOT BY RIGID GLOBAL BUILDINGS

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Houston, Tx. 77073
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DESCRIPTION	ANCHOR BOLT DETAILS		
CUSTOMER	CROSS DEVELOPMENT LLC		
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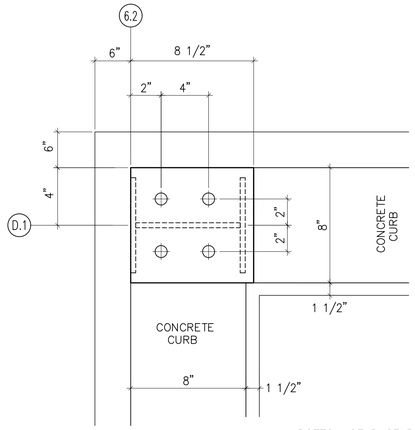
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.:	JOB NO.:	SCALE:	DWG. NO.:	ISSUE:
71872	157337-38-39	N.T.S.	F02 OF 5	0

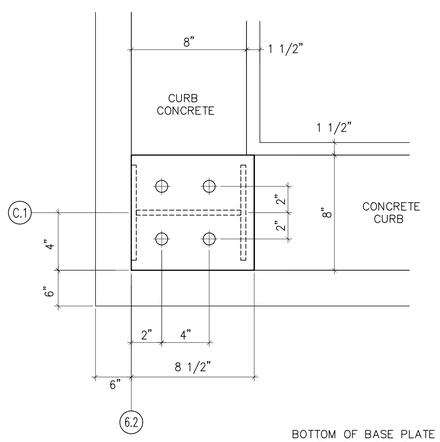
Dia= 3/4"
Thk= 1/2"



DETAIL J

BOTTOM OF BASE PLATE
EL: 99'-10 1/2"

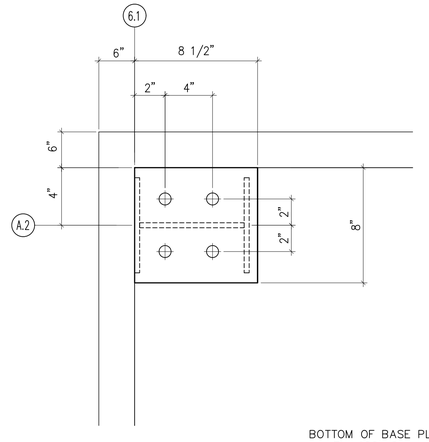
Dia= 3/4"
Thk= 1/2"



DETAIL J1

BOTTOM OF BASE PLATE
EL: 99'-10 1/2"

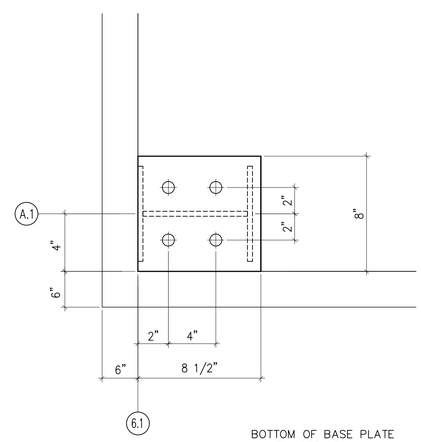
Dia= 3/4"
Thk= 1/2"



DETAIL K

BOTTOM OF BASE PLATE
EL: 100'-0"

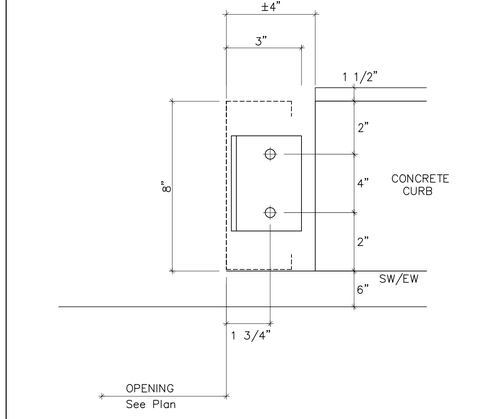
Dia= 3/3"
Thk= 1/2"



DETAIL K1

BOTTOM OF BASE PLATE
EL: 100'-0"

Dia= 5/8"
Thk= 1/4"



DETAIL L

BOTTOM OF BASE PLATE
EL: 96'-6 1/2"

Dia= 5/8"
Thk= 1/4"

DETAIL M

BOTTOM OF BASE PLATE
EL: 100'-0"

Dia= 5/8"
Thk= 1/4"

DETAIL N

BOTTOM OF BASE PLATE
EL: 100'-0"

FOR
PERMIT

1/14/22

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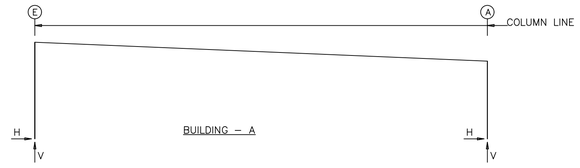
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.	JOB NO.	SCALE	DWG. NO.	ISSUE
71872	157337-38-39	N.T.S.	F03 OF 5	0

FRAME LINES: 5 4 3 2 1



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	BOTT. OF BPL (in)
5*	E	1	30.2	42.1	2	−9.6	−7.0	4	1.250	12.00	12.50	0.500	0.0
					4	−6.2	−19.6						
5*	A	3	14.7	−12.3	1	−30.2	42.9	6	1.250	10.00	20.00	0.500	0.0
		1	−30.2	42.9	4	5.9	−13.7						
5*	Frame lines: 5 4												

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	BOTT. OF BPL (in)
3	E	1	32.2	40.3	2	−8.8	−7.4	6	1.250	8.000	20.00	0.500	0.0
					4	−7.0	−9.1						
3	A	3	16.1	−11.9	1	−32.2	40.6	6	1.250	10.00	20.00	0.500	0.0
		1	−32.2	40.6	4	6.7	−13.7						

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	BOTT. OF BPL (in)
2	E	1	34.6	43.2	2	−9.2	−7.4	6	1.250	8.000	20.00	0.500	0.0
					4	−7.5	−9.7						
2	A	3	16.0	−12.2	1	−34.5	43.5	6	1.250	10.00	20.00	0.500	0.0
		1	−34.5	43.5	4	7.2	−14.2						

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	BOTT. OF BPL (in)
1	E	1	28.9	35.0	2	−5.9	−4.4	6	1.250	8.000	20.00	0.500	0.0
					5	−5.6	−6.8						
1	A	3	10.4	−8.3	1	−28.8	35.3	6	1.250	10.00	20.00	0.500	0.0
		1	−28.8	35.3	3	10.4	−8.3						

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert	Wind_Left1 Horiz	Wind_Left1 Vert
5*	E	4.1	6.5	6.9	7.9	17.9	22.4	17.9	22.4	1.3	5.3	−20.1	−18.2
5*	A	−4.1	6.0	−6.9	8.6	−17.9	22.9	−17.9	22.9	−1.3	5.4	−3.8	−8.3

Frame Line	Column Line	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert
5*	E	−3.9	−15.5	−14.6	−9.7	1.2	−7.0	−14.4	−39.2	−14.4	−39.2	−0.4	−0.2
5*	A	28.6	−26.4	−9.3	0.5	23.5	−17.6	13.9	−28.8	13.9	−28.8	−0.6	0.2

Frame Line	Column Line	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert
5*	E	0.4	0.2	0.0	−2.1	17.9	22.4
5*	A	0.6	−0.2	0.0	−0.8	17.8	22.9

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert	Wind_Left1 Horiz	Wind_Left1 Vert
3	E	4.4	5.7	7.5	7.9	19.9	22.5	19.9	22.5	0.4	4.2	−19.0	−18.0
3	A	−4.4	5.6	−7.5	8.4	−19.9	22.3	−19.9	22.3	−0.4	4.2	−3.8	−8.2

Frame Line	Column Line	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert
3	E	−8.1	−16.0	−12.8	−9.4	−2.4	−7.5	−16.1	−20.8	−16.1	−20.8	−0.4	−0.2
3	A	31.3	−25.4	−10.0	0.4	25.5	−16.8	15.6	−28.4	15.6	−28.4	−0.6	0.2

Frame Line	Column Line	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert
3	E	0.4	0.2	0.0	0.0	19.9	22.5
3	A	0.6	−0.2	0.0	−0.8	19.8	22.3

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert	Wind_Left1 Horiz	Wind_Left1 Vert
2	E	4.5	5.9	7.9	8.3	20.9	23.7	20.9	23.7	1.2	5.4	−19.8	−18.2
2	A	−4.5	5.8	−7.9	8.8	−20.9	23.6	−20.9	23.6	−1.2	5.3	−1.6	−9.5

Frame Line	Column Line	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert
2	E	−9.0	−17.6	−13.3	−9.1	−2.9	−8.5	−17.0	−22.0	−17.0	−22.0	−0.4	−0.2
2	A	31.3	−26.1	−8.1	−0.4	25.2	−17.1	16.5	−29.6	16.5	−29.6	−0.6	0.2

Frame Line	Column Line	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert
2	E	0.4	0.2	0.0	0.0	21.0	23.7
2	A	0.6	−0.2	0.0	−0.8	20.9	23.5

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert	Wind_Left1 Horiz	Wind_Left1 Vert
1	E	3.2	4.3	5.1	5.1	11.7	13.2	11.7	13.2	8.9	12.3	−12.9	−11.6
1	A	−3.2	4.3	−5.1	5.7	−11.7	13.2	−11.7	13.2	−8.9	12.2	−0.2	−6.6

Frame Line	Column Line	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert
1	E	−8.3	−13.4	−9.3	−6.6	−4.6	−8.2	−12.5	−15.7	−12.5	−15.7	−0.5	−0.2
1	A	20.5	−18.0	−3.8	−1.5	16.8	−12.8	12.0	−15.5	12.0	−15.5	−0.8	0.2

Frame Line	Column Line	Seismic_Right Horiz	Seismic_Right Vert	MIN_SNOW Horiz	MIN_SNOW Vert
1	E	0.5	0.2	11.7	13.2
1	A	0.8	−0.2	−11.7	13.1

5* Frame lines: 5 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Snow Drift Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert
6	E	0.8	0.7	2.3	2.3	3.7	0.0	−2.9	0.0	−2.0	0.0	−2.0	0.0	−1.2
6	D.1	2.1	2.2	8.2	8.3	5.5	13.3	−10.6	0.0	−2.7	13.1	−8.3	0.0	−0.4
6	C.1	2.9	2.6	9.7	9.8	6.3	0.0	2.9	9.1	−13.9	0.0	5.7	9.1	−11.1
6	A.2	1.8	1.8	6.3	6.3	5.1	0.0	−5.0	0.0	−5.0	0.0	−2.9	0.0	−2.8
6	A	1.0	0.8	3.0	3.0	3.9	0.0	−0.6	0.0	−4.1	0.0	0.3	0.0	−3.2

Frm Line	Col Line	Wind_Press Horz	Wind_Press Vert	Wind_Suct Horz	Wind_Suct Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seis_Left Horz	Seis_Left Vert	Seis_Right Horz	Seis_Right Vert	Seis_Long Horz	Seis_Long Vert
6	E	−0.2	0.0	0.7	0.0	0.0	−2.7	0.0	−1.6	0.0	0.0	0.0	0.0	0.0	0.0
6	D.1	1.5	2.7	0.4	−2.7	1.2	−7.6	0.7	−4.5	1.2	−0.7	0.0	0.6	0.1	0.0
6	C.1	4.9	2.7	−1.4	−2.7	0.0	−8.1	0.0	−4.7	0.0	0.7	1.2	−0.7	0.0	0.0
6	A.2	4.7	0.9	−1.8	−0.9	0.0	−6.7	0.0	−3.9	0.0	0.0	0.0	0.0	0.0	0.0
6	A	−16.5	−6.8	−0.5	6.8	0.0	−2.7	0.0	−1.6	0.0	0.0	0.0	0.0	−2.0	−0.8

Frm Line	Col Line	−MIN_SNOW− Horz	−MIN_SNOW− Vert	E1PAT_SL_1− Horz	E1PAT_SL_1− Vert	E1PAT_SL_2− Horz	E1PAT_SL_2− Vert	E1PAT_SL_3− Horz	E1PAT_SL_3− Vert	E1PAT_SL_4− Horz	E1PAT_SL_4− Vert	E1PAT_SL_5− Horz	E1PAT_SL_5− Vert
6	E	0.0	2.3	0.0	1.1	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
6	D.1	0.0	5.9	0.0	1.0	0.0	0.0	0.0	2.9	0.0	1.9	0.0	0.6
6	C.1	0.0	7.4	0.0	0.0	0.0	0.0	0.0	1.9	0.0	3.7	0.0	1.8
6	A.2	0.0	5.6	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.8	0.0	2.8
6	A	0.0	2.3	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1

Frm Line	Col Line	Dead Vert	−−−Live−−− Horz	−−−Live−−− Vert	−−−Snow−−− Horz	−−−Snow−−− Vert	Wind_Press Horz	Wind_Press Vert	Wind_Suct Horz	Wind_Suct Vert
1	B	0.2	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0
1	C	8.5	−0.2	1.2	−0.4	2.4	2.0	1.0	0.5	−2.7
1	D	8.5	−0.2	1.2	−0.4	2.4	0.7	1.0	1.4	−2.7

SOLDIER COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Wind Long1 Horz
4.6	A	0.4	5.5	−4.2	−1.2
3.5	A	0.4	5.5	−4.2	−1.2
1.8	E	0.2	3.5	−3.3	−1.7

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	BOTT. OF BPL (in)
6	E	7	0.4	−1.3	8	−0.1	−1.1	4	0.750	8.000	8.500	0.375	0.0
		1	0.0	7.4	7	0.4	−1.3						
6	D.1	8	0.9	−1.7	7	0.3	−6.8	4	0.750	8.000	9.000	0.375	0.0
		1	0.0	18.0									
6	C.1	8	2.9	−1.5	9	−0.9	−8.3	4	0.750	10.00	9.000	0.375	0.0
		1	0.0	21.6									
6	A.2	8	2.8	−2.4	10	−1.1	−3.5	4	0.750	8.000	8.500	0.375	0.0
		1	0.0	15.0									
6	A	3	0.0	−1.9	8	−9.9	−5.1	4	0.750	8.000	8.500	0.375	0.0
		11	−0.2	10.1									
1	B	14	1.0	0.1				4	0.750	8.000	9.000	0.375	0.0
		16	1.0	0.2									
1	C	14	1.2	5.7	17	−0.5	10.9	4	0.750	8.000	9.000	0.375	0.0
		17	−0.5	10.9									
1	D	15	0.9	3.4	17	−0.4	10.9	4	0.750	8.000	9.000	0.375	0.0
		17	−0.4	10.9									

SOLDIER COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	BOTT. OF BPL (in)
4.6	A	12	3.3	0.2	13	−2.5	0.2	4	0.750	8.000	9.000	0.500	0.0
		6	0.0	0.4									
3.5	A	12	3.3	0.2	13	−2.5	0.2	4	0.750	8.000	9.000	0.500	0.0
		6	0.0	0.4									
1.8	E	12	2.1	0.1	13	−2.0	0.1	4	0.750	8.000	10.50	0.500	0.0
		19	2.1	0.2									

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Panel_Shear (lb/ft) Seis	Note
L_EW	6	D.1,C.1	13.3	7.5	1.2	0.7			
F_SW	A	6,5	18.0	7.7	1.9	0.8			
		3,2	18.0	7.8	1.9	0.8			
R_EW	1								(h)
B_SW	E	4,5	31.9	18.4	3.8	2.2			

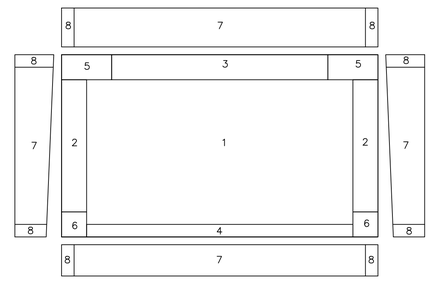
(h)Rigid frame at endwall

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.

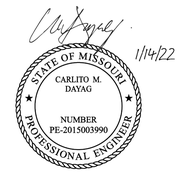
Width (ft)	: 81.5	
Length (ft)	: 141.5	
Eave Height (ft)	: 17.4 / 14	
Roof Slope (rise/12)	: 0.5:12 /	
Design Code	: IBC 18	
Enclosure	: Closed	
Dead Load (psf)	: 3.000	
Collateral Load (psf)	: 6	
Wind Speed (mph)	: 109 mph	
Wind Importance Factor	: 1.00	
Wind Exposure	: C	
Live Load (psf)	: 20.00	
Frame Live Load (psf)	: 20	
Ground Snow Load (psf)	: 20.000	
Roof Snow Load (psf)	: 20	
Snow Exposure	: 1.000	
Snow Importance Factor	: 1.000	
Thermal Factor	: 1.000	
Seismic Importance Factor	: 1.00	
Spectral Response Accel.	: Ss=0.100	: S1=0.068
Spectral Response Coeff.	: Sds=0.087	: Sd1=0.068
Seismic Coeff. (Fa*Ss)	: 0.130	: Fa=1.300
Seismic Design Category	: B	

5. Loading conditions are:
   1 Dead+Collateral+Snow+Snow_Drift
   2 0.6Dead+0.6Wind_Left1
   3 0.6Dead+0.6Wind_Right1
   4 0.6Dead+0.6Wind_Long2L
   5 0.6Dead+0.6Wind_Long2R
   6 Dead+Collateral+0.75MIN_SNOW
   7 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
   8 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
   9 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
   10 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
   11 Dead+Collateral+0.75Snow+0.45Wind_Left2+0.45Wind_Suction+0.75Snow_Drift
   12 0.6Dead+0.6Wind_Pressure
   13 0.6Dead+0.6Wind_Suction
   14 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
   15 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
   16 Dead+0.6Wind_Pressure+0.6Wind_Long2L
   17 Dead+Collateral+Snow+1.0E2PAT_SL_2
   18 Dead+0.6Wind_Right2+0.6Wind_Suction
   19 Dead+0.6Wind_Pressure



Design Calculation Wind

Zone	Width (ft)	Length (ft)	Components & Cladding (Factored) Pressure(psf) Member	Pressure(psf) Panel	Suction(psf) Member	Suction(psf) Panel
1			10.08	10.08	−18.73	−23.98
2		11.20	10.08	10.08	−24.91	−31.66
3	11.20		10.08	10.08	−24.91	−31.66
4	5.60		10.08	10.08	−24.91	−31.66
5	11.20	22.40	10.08	10.08	−29.60	−43.17
6	11.20	11.20	10.08	10.08	−29.60	−43.17
7			11.76	13.80	−12.90	−14.94
8	5.60		11.76	13.80	−14.32	−18.38



FOR PERMIT

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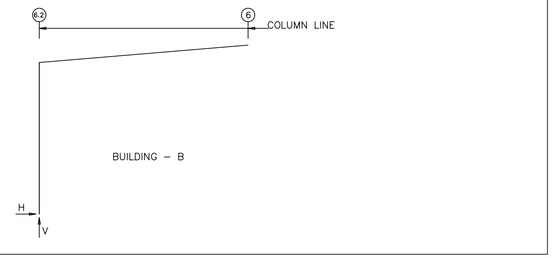
ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
0	CONSTRUCTION/PERMIT	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	REACTIONS		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.:	JOB NO.:	SCALE:	DWG. NO.:	ISSUE:
71872	157337-38-39	N.T.S.	F04 OF 5	0

FRAME LINES: C.1 D.1



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Column_Reactions(k) Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	BOTT. OF BPL (in)
C.1*	6.2	4	0.6	−1.4	3	−0.7	−0.7	4	0.750	8.000	8.500	0.500	−1.50
		1	0.1	3.5	4	0.6	−1.4						

C.1* Frame lines: C.1 D.1

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert	Wind_Left1 Horiz	Wind_Left1 Vert
C.1*	6.2	0.0	0.6	0.0	0.4	0.1	2.5	0.1	2.5	0.0	0.0	−0.6	−2.7

Frame Line	Column Line	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	MIN_SNOW Horiz	MIN_SNOW Vert
C.1*	6.2	0.9	−1.8	−1.2	−1.7	0.3	−0.7	1.0	−2.9	1.0	−2.9	0.1	2.5

C.1* Frame lines: C.1 D.1

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	C.1								(h)
F_SW	6								(f)
R_EW	D.1								(h)
B_SW	6.2	Torsional Bracing Used							

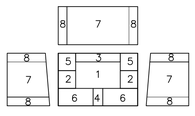
(f)Bracing loads are applied to adjacent building
(h)Rigid frame at endwall

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)	: 18.08	
Length (ft)	: 27.33	
Eave Height (ft)	: 13.13 / 14.63	
Roof Slope (rise/12)	: 1.0:12 /	
Design Code	: IBC 18	
Enclosure	: Closed	
Dead Load (psf)	: 3.000	
Collateral Load (psf)	: 3	
Wind Speed (mph)	: 109 mph	
Wind Importance Factor	: 1.00	
Wind Exposure	: C	
Live Load (psf)	: 20.00	
Frame Live Load (psf)	: 20	
Ground Snow Load (psf)	: 20.000	
Roof Snow Load (psf)	: 20	
Snow Exposure	: 1.000	
Snow Importance Factor	: 1.000	
Thermal Factor	: 1.000	
Seismic Importance Factor	: 1.00	
Spectral Response Accel.	: Ss=0.100	: S1=0.068
Spectral Response Coeff.	: Sds=0.087	: Sd1=0.068
Seismic Coeff. (Fa*Ss)	: 0.130	: Fa=1.300
Seismic Design Category	: B	

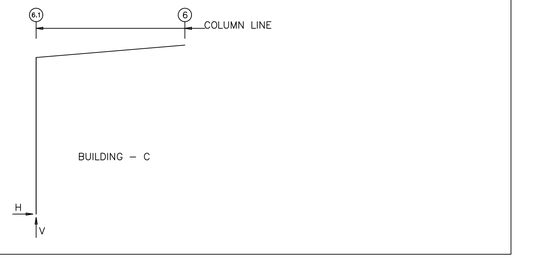
5. Loading conditions are:
   1 Dead+Collateral+Snow+Snow_Drift
   2 0.6Dead+0.6Wind_Left1
   3 0.6Dead+0.6Wind_Left2
   4 0.6Dead+0.6Wind_Long2R
   5 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
   6 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L



Design Calculation Wind

Zone	Width (ft)	Length (ft)	Components & Cladding (Factored) Pressure(psf) Member	Panel	Suction(psf) Member	Panel
1			10.08	10.08	−16.33	−16.33
2		6.00	10.08	10.08	−21.39	−22.70
3	3.00		10.08	10.08	−17.64	−18.95
4	6.00		10.08	10.08	−21.39	−22.70
5	6.00	6.00	10.08	10.08	−17.64	−25.31
6	6.00	12.00	10.08	10.08	−22.70	−35.44
7			11.76	13.80	−12.90	−14.94
8	3.00		11.76	13.80	−14.32	−18.38

FRAME LINES: A.1 A.2



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Column_Reactions(k) Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	BOTT. OF BPL (in)
A.1*	6.1	4	0.3	−0.4	3	−0.3	−0.2	4	0.750	8.000	8.500	0.500	0.00
		1	0.0	1.2	4	0.3	−0.4						

A.1* Frame lines: A.1 A.2

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert	Wind_Left1 Horiz	Wind_Left1 Vert
A.1*	6.1	0.0	0.3	0.0	0.1	0.0	0.8	0.0	0.8	0.0	0.0	−0.3	−0.9

Frame Line	Column Line	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	MIN_SNOW Horiz	MIN_SNOW Vert
A.1*	6.1	0.4	−0.6	−0.6	−0.6	0.1	−0.3	0.5	−1.0	0.5	−1.0	0.0	0.8

A.1* Frame lines: A.1 A.2

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	A.1								(h)
F_SW	6								(f)
R_EW	A.2								(h)
B_SW	6.1	Torsional Bracing Used							

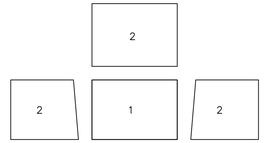
(f)Bracing loads are applied to adjacent building
(h)Rigid frame at endwall

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)	: 10.25	
Length (ft)	: 14.67	
Eave Height (ft)	: 10.79 / 11.65	
Roof Slope (rise/12)	: 1.0:12 /	
Design Code	: IBC 18	
Enclosure	: Closed	
Dead Load (psf)	: 3.000	
Collateral Load (psf)	: 3	
Wind Speed (mph)	: 109 mph	
Wind Importance Factor	: 1.00	
Wind Exposure	: C	
Live Load (psf)	: 20.00	
Frame Live Load (psf)	: 20	
Ground Snow Load (psf)	: 20.000	
Roof Snow Load (psf)	: 20	
Snow Exposure	: 1.000	
Snow Importance Factor	: 1.000	
Thermal Factor	: 1.000	
Seismic Importance Factor	: 1.00	
Spectral Response Accel.	: Ss=0.100	: S1=0.068
Spectral Response Coeff.	: Sds=0.087	: Sd1=0.068
Seismic Coeff. (Fa*Ss)	: 0.130	: Fa=1.300
Seismic Design Category	: B	

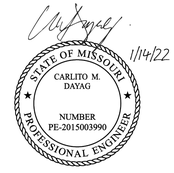
5. Loading conditions are:
   1 Dead+Collateral+Snow+Snow_Drift
   2 0.6Dead+0.6Wind_Left1
   3 0.6Dead+0.6Wind_Left2
   4 0.6Dead+0.6Wind_Long2R
   5 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
   6 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L



Design Calculation Wind

Zone	Width (ft)	Length (ft)	Components & Cladding (Factored) Pressure(psf) Member	Panel	Suction(psf) Member	Panel
1			10.08	10.08	−22.70	−35.44
2			11.76	13.80	−14.34	−18.42

FOR PERMIT



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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
0	CONSTRUCTION/PERMIT	01/13/22	RDA	RCR	JPL

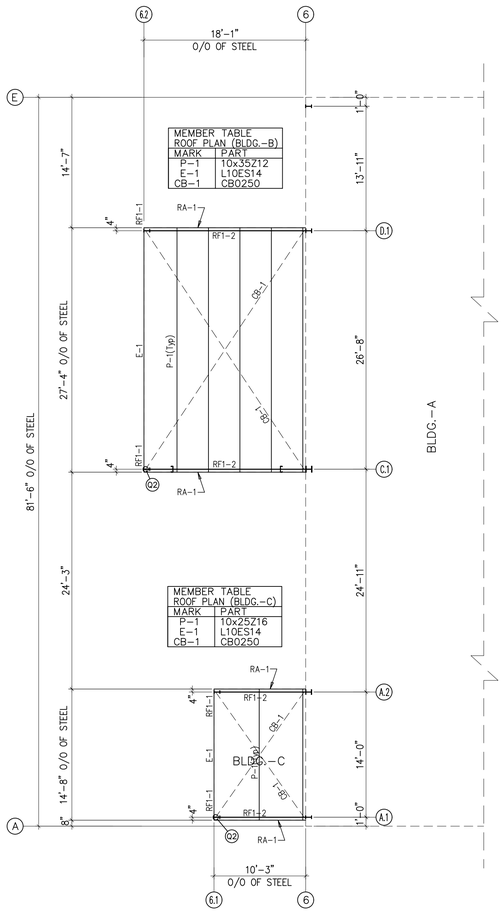
RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	REACTIONS		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

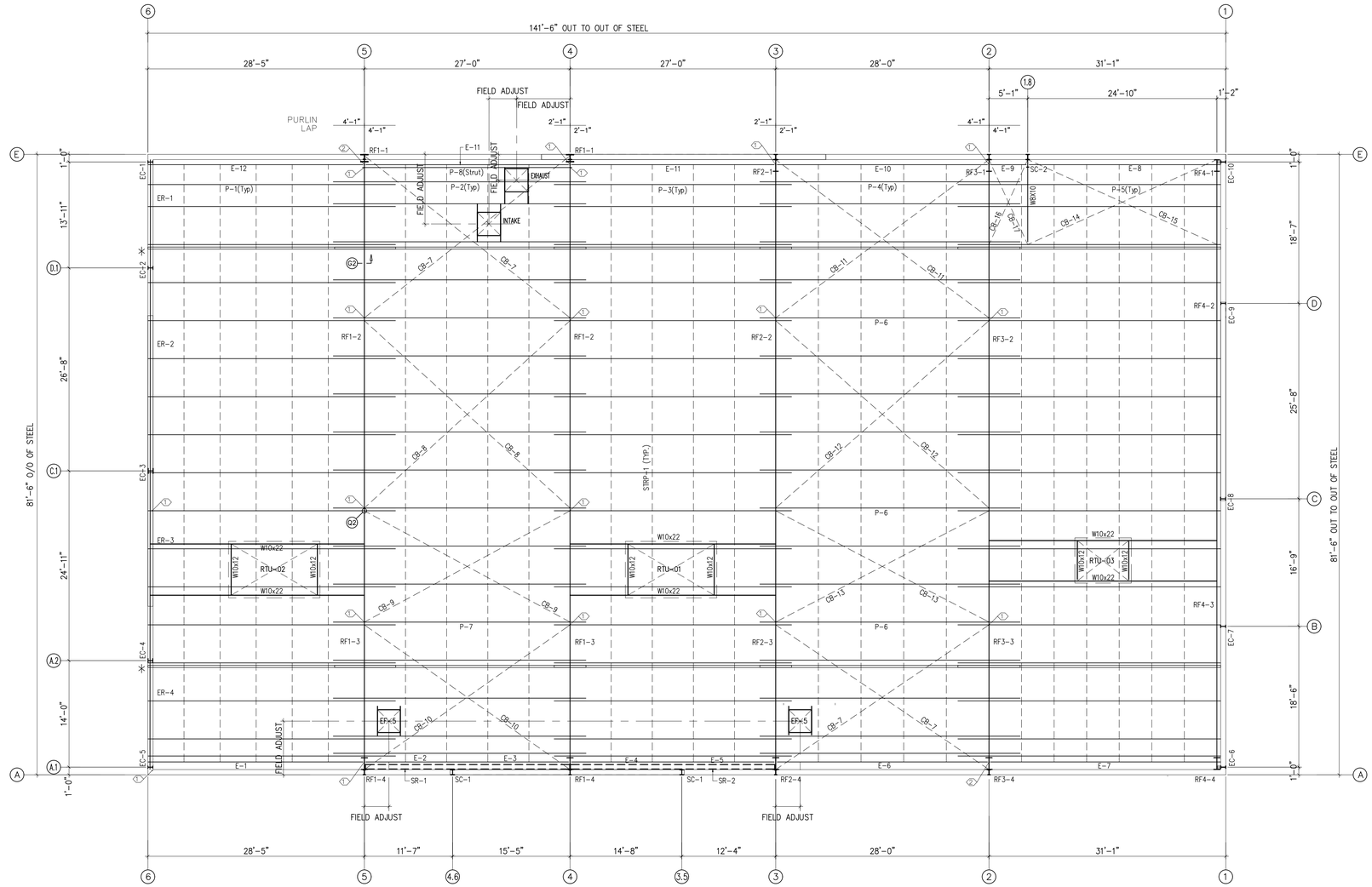
SALES NO.	JOB NO.	SCALE	DWG. NO.	ISSUE
71872	157337-38-39	N.T.S.	F05 OF 5	0

SPECIAL BOLTS ROOF PLAN						
⊙ ID	QUAN	TYPE	DIA	LENGTH	WASH	
1	4	A307	1/2"	1 1/4"	0	
2	(8)-1/2"ø A325 (TYP.) ADJUST SHIM PLATE AS REQUIRED)					

MEMBER TABLE ROOF PLAN	
MARK	PART
P-1	10x25Z226
P-2	10x25Z14
P-3	10x25Z14
P-4	10x25Z14
P-5	10x25Z26
P-6	10x25Z12
P-7	10x25Z12
P-8	10x25Z16
E-1	L10ES14
E-2	L10ES14
E-3	L10ES14
E-4	L10ES14
E-5	L10ES14
E-6	L10ES14
E-7	L10ES14
E-8	H10ES12
E-9	H10ES12
E-10	H10ES12
E-11	H10ES12
E-12	H10ES12
CB-7	CB0500
CB-8	CB0250
CB-9	CB0313
CB-10	CB0500
CB-11	CB0500
CB-12	CB0250
CB-13	CB0313
CB-14	CB0250
CB-15	CB0250
CB-16	CB0250
CB-17	CB0250



ROOF FRAMING PLAN

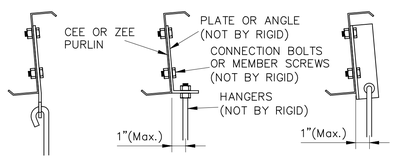


ROOF FRAMING PLAN

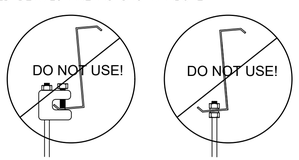
(4)-1/2"ø A325 BOLTS AT ALL PURLIN CLIPS
1/4" THK STIFFENERS AT ALL PURLIN CLIPS
⁎ - HORIZONTAL PURLINS (MATCH PURLINS)

NOTES:

1. ALL ROOF FRAME OPENINGS AND R.T.U. SUPPORTS WILL BE FIELD LOCATED. RGB TO PROVIDE LONGER MATERIALS WITH LOOSE CLIP FOR CUSTOMER'S FIELD MODIFICATION. FIELD CUT AFFECTED PURLINS AS REQUIRED.
2. ROOF INSULATION (BY OTHERS) TO BE LINER SYSTEM R-38 (4" ABOVE PURLINS + 8" IN BETWEEN PURLINS).
3. SEE SHT. E-14 TO E-18 FOR CONNECTION DETAILS.



HANGERS ON CEE OR ZEE PURLINS MUST ATTACH TO THE WEB ONLY. HANGERS MUST BE LOCATED SO THAT THE SUPPORTED LOAD DOES NOT EXCEED THAT SPECIFIED IN THE CONTRACT DOCUMENTS. SUGGESTED DETAILS ARE AS SHOWN ABOVE.



DO NOT USE C-CLAMPS OR ANY OTHER HANGER ATTACHED TO THE FLANGE OF THE PURLIN. IT REDUCES THE CAPACITY OF THE PURLIN AND PRODUCE SECONDARY STRESSES.

1 / SF38 TYP. COLLATERAL LOAD CONNECTION DETAIL

IMPORTANT NOTES:

High R-value roof insulation systems require two layers of insulation. The sag straps that prevent purlin roll may conflict with faced roof insulation between purlins. Rigid Global Buildings recommends an unfaced layer between the purlins that can be cut around the required framing.

FOR PERMIT

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER
1/14/22

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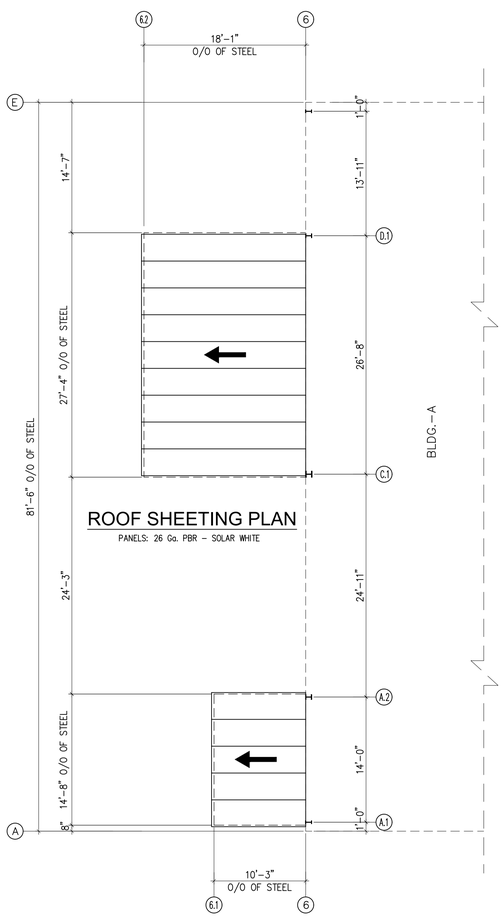
ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

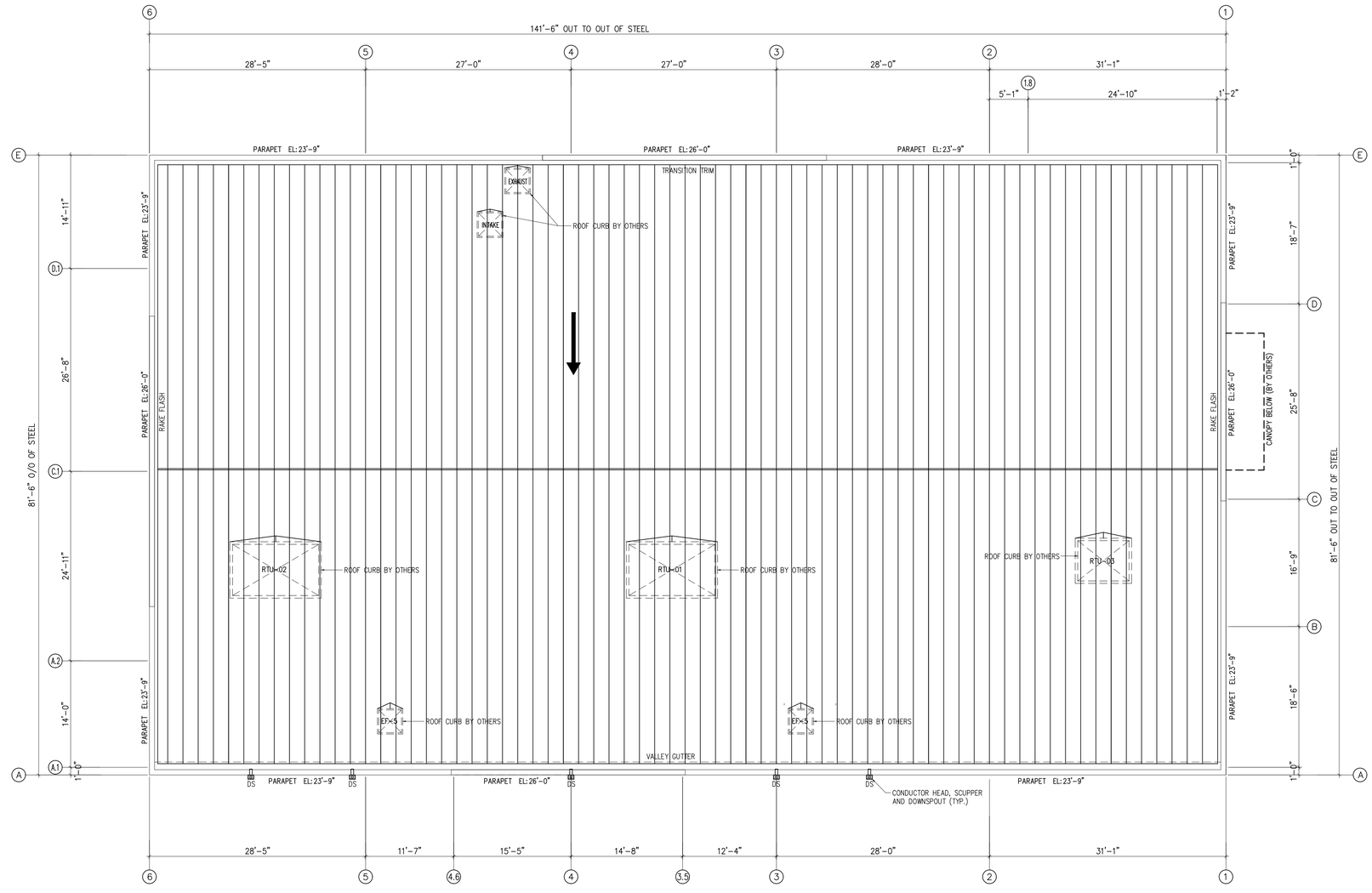
RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	ROOF FRAMING		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: 1/8"	DWG. NO.: E01 OF 18 ISSUE: A



ROOF SHEETING PLAN

PANELS: 26 Ga. PBR – SOLAR WHITE



ROOF FRAMING PLAN

PANELS: 24 Ga. HT – SOLAR WHITE
PANEL SEAM: QUAD-LOK

NOTES:
1. ROOF AND WALL INSULATION ARE 'BY OTHERS'.
2. ERECTOR TO FIELD CUT ROOF PANEL AT OPENING LOCATIONS AS REQUIRED.

IMPORTANT NOTES:

==========

1. OIL CANNING OF PANELS IS NOT A CAUSE OF REJECTION.
2. EXTREME CARE MUST BE EXERCISED DURING ERECTION OF ROOF PANELS AND TRIMS. FOOT TRAFFIC MAY RESULT IN PERMANENT PANEL DISTORTION AND FINISH ABRASION.

==========

ERECTOR'S NOTE

==========

1. INSTALLER OF STANDING SEAM ROOF PANEL MUST STUDY THE INSTALLATION MANUALS PRIOR TO INSTALLATION. MANUALS ARE PROVIDED WITH THE MATERIALS SHIPMENT BUT CAN BE REQUESTED OR DOWNLOADED FROM THE RIGID GLOBAL BUILDINGS WEBSITE AT www.rigidbuilding.com
2. FAILURE TO INSTALL THE ROOF SHEETS IN ACCORDANCE WITH THE SHEETING DIRECTIONAL ARROWS SHOWN ON THESE PLANS MAY RESULT IN IMPROPER FIT-UP OF THE OUTSIDE CLOSURES (END DAMS) AND POSSIBLY OTHER TRIM COMPONENTS WHICH COULD AFFECT THE OVERALL APPEARANCE AND WEATHER TIGHTNESS OF THE BUILDING. RIGID WILL NOT BE HELD REPONSIBLE FOR THE CHARGES OR ADDITIONAL FIELD WORK DUE TO NOT FOLLOWING SHEETING DIRECTIONAL ARROWS AND OTHER PROCEDURES OUTLINED IN THE ERECTION MANUAL.
3. IN THE EVENT THAT A DISCREPANCY OR ERROR ARISES WITH MATERIALS SHIPPED FOR THIS PROJECT OR ON THESE ERECTION DRAWINGS, THE ERECTOR/INSTALLER MUST NOTIFY RGB PRIOR TO CORRECTING. IF RGB IS NOT NOTIFIED, RGB WILL NOT HONOR BACKCHARGES BY ANY PARTY INVOLVED.
4. MEMBER SCREW AND STITCH SCREW PATTERNS AND LOCATIONS SHALL BE IN ACCORDANCE WITH ROOF AND WALL DETAILS SHOWN ON DWG.# E-16 TO E-18.
5. RGB SUPPLIES 5% OVERAGE FOR SCREWS AND ANY CLAIM ON SHORTAGE BECAUSE OF NON-COMPLIANCE WITH THE DRAWINGS SHALL NOT BE RGB'S RESPONSIBLITY.

1/14/22

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

FOR PERMIT

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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

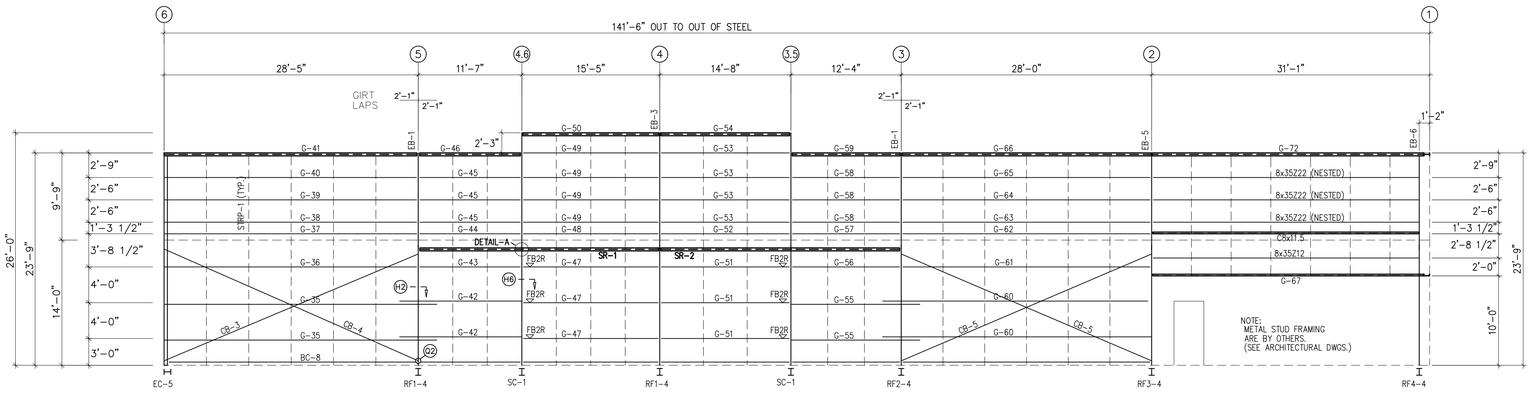
DESCRIPTION	ROOF SHEETING		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.:	JOB NO.:	SCALE:	DWG. NO.:	ISSUE:
71872	157337-38-39	1/8"	E02 OF 18	A

BOLT TABLE FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
EB-1	8	A325	5/8"	1 1/2"
EB-2	8	A325	5/8"	1 1/2"
EB-3	8	A325	5/8"	1 1/2"
EB-4	8	A325	5/8"	1 1/2"
EB-5	8	A325	5/8"	1 3/4"
EB-6	8	A325	5/8"	1 1/2"
SR-1	2	A325	5/8"	1"
SR-2	2	A325	5/8"	1"

FLANGE BRACE TABLE FRAME LINE A		
QTY	MARK	LENGTH
1	FB2R	2'-8"

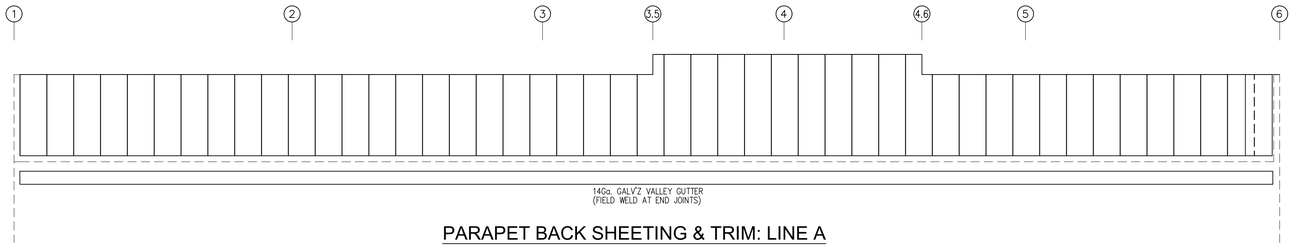
MEMBER TABLE FRAME LINE A	
MARK	PART
EB-1	W8x21
EB-3	W8x28
EB-5	W8x48
EB-6	W8x18
SC-1	W8x28
SR-1	W10x22
SR-2	W10x22
G-35	8x25Z16
G-36	8x35Z16
G-37	8x25C14
G-38	8x25Z12
G-39	8x30Z12
G-40	8x25Z26
G-41	W8x10
G-42	8x25Z16
G-43	8x25Z16
G-44	8x25C16
G-45	8x25Z16
G-46	W8x10
G-47	8x25Z16
G-48	8x25C16
G-49	8x25Z16
G-50	W8x10
G-51	8x25Z16
G-52	8x25C16
G-53	8x25Z16
G-54	W8x10
G-55	8x25Z16
G-56	8x25Z16
G-57	8x25C16
G-58	8x25Z16
G-59	W8x10
G-60	8x25Z16
G-61	8x25Z16
G-62	8x25C14
G-63	8x25Z12
G-64	8x30Z12
G-65	8x35Z12
G-66	W8x10
G-67	C8x18.75
G-72	W8x10
CB-3	CB0500
CB-4	CB0500
CB-5	CB0500



SIDEWALL FRAMING: FRAME LINE A

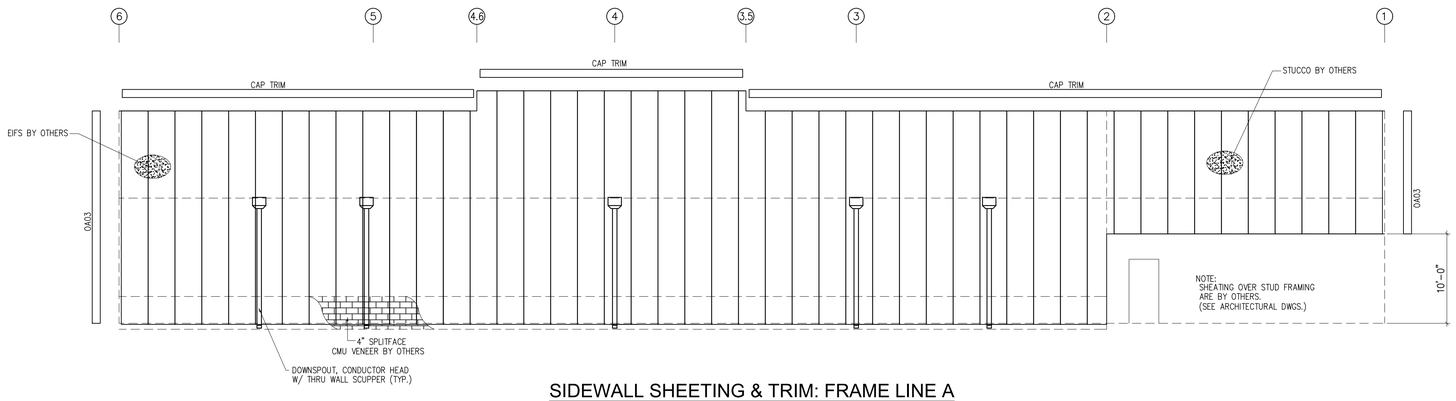
NOTES:

WALL INSULATION (BY OTHERS) TO BE LINER SYSTEM R-30 (9.25" IN BETWEEN GIRST).



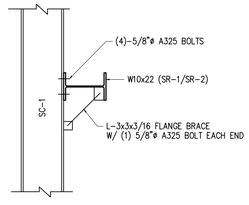
PARAPET BACK SHEETING & TRIM: LINE A

PANEL: 26 Ga. PBR - COLOR:



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. REV. PBM - GLVM. PLUS



DETAIL - A

FOR PERMIT

1/14/22

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

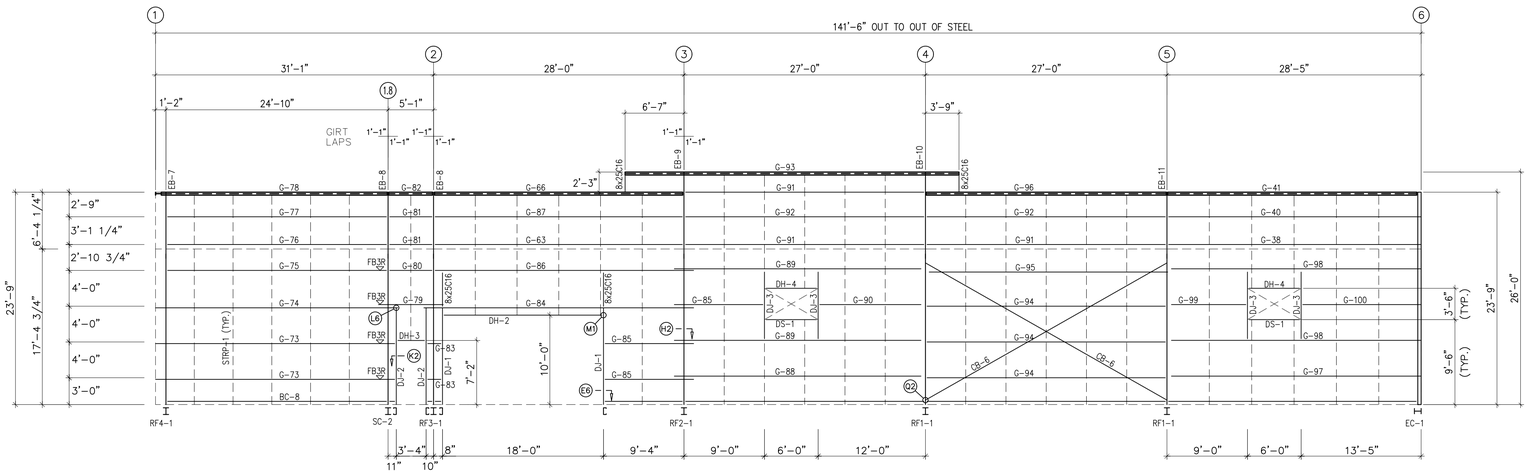
DESCRIPTION	SIDEWALL FRAMING AND SHEETING		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.	JOB NO.	SCALE:	DWG. NO.	ISSUE
71872	157337-38-39	1/8"	E03 OF 18	A

BOLT TABLE FRAME LINE E				
LOCATION	QUAN	TYPE	DIA	LENGTH
EB-7	8	A325	5/8"	1 1/2"
EB-8	8	A325	5/8"	1 1/2"
EB-9	8	A325	5/8"	1 1/2"
EB-10	8	A325	5/8"	1 1/2"
EB-11	8	A325	5/8"	1 1/2"
SC-2	2	A307	5/8"	1 3/4"

FLANGE BRACE TABLE FRAME LINE E		
VID	MARK	LENGTH
1	FB3R	2'-8 1/8"

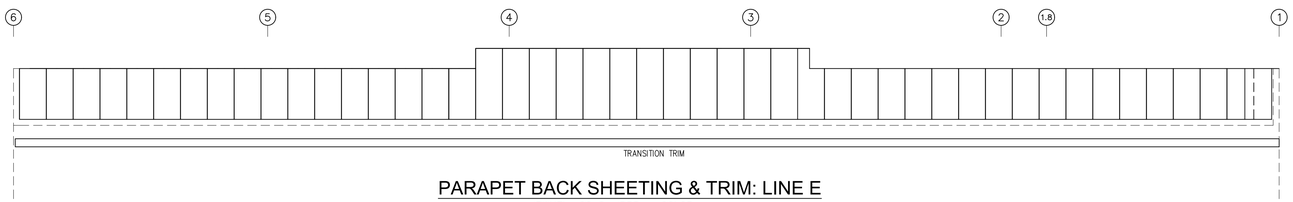
MEMBER TABLE FRAME LINE E	
MARK	PART
EB-7	W8x10
EB-8	W8x10
EB-9	W8x21
EB-10	W8x21
EB-11	W8x13
SC-2	W10x12
SR-3	W8x10
DJ-1	8x25C16
DJ-2	8x25C16
DJ-3	8x25C16
DH-2	8x25C16
DH-3	8x25C16
DH-4	8x25C16
DS-1	8x25C16
G-38	8x25Z12
G-40	8x25Z26
G-41	W8x10
G-63	8x25Z12
G-66	W8x10
G-73	8x25Z16
G-74	8x25Z16
G-75	8x25Z16
G-76	8x25Z14
G-77	8x25Z12
G-78	W8x10
G-79	8x25Z16
G-80	8x25Z16
G-81	8x25Z16
G-82	W8x10
G-83	8x25Z16
G-84	8x25Z16
G-85	8x25Z16
G-86	8x25Z16
G-87	8x25Z26
G-88	8x25Z16
G-89	8x25Z16
G-90	8x25Z16
G-91	8x25Z12
G-92	8x25Z26
G-93	W8x10
G-94	8x25Z16
G-95	8x25Z16
G-96	W8x10
G-97	8x25Z16
G-98	8x25Z12
G-99	8x25Z16
G-100	8x25Z16
CB-6	CB500(2)



SIDEWALL FRAMING: FRAME LINE E

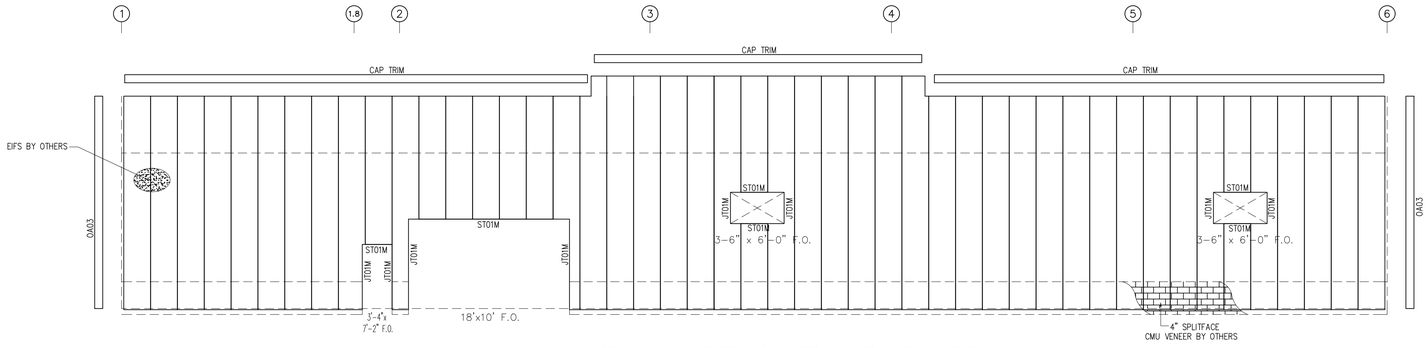
NOTES:

WALL INSULATION (BY OTHERS) TO BE LINER SYSTEM R-30 (9.25" IN BETWEEN GIRST).



PARAPET BACK SHEETING & TRIM: LINE E

PANEL: 26 Ga. PBR – COLOR:



SIDEWALL SHEETING & TRIM: FRAME LINE E

PANELS: 26 Ga. REV. PBM – GLVM. PLUS

FOR PERMIT

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER
1/14/22

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

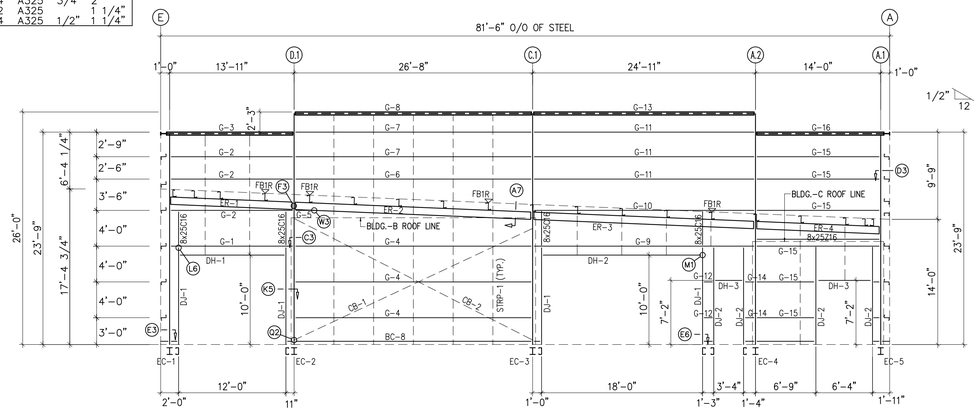
DESCRIPTION	SIDEWALL FRAMING AND SHEETING		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.:	JOB NO.:	SCALE:	DWG. NO.:	ISSUE:
71872	157337-38-39	1/8"	E04 OF 18	A

BOLT TABLE FRAME LINE 6				
LOCATION	QUAN	TYPE	DIA	LENGTH
Cor_Column/Raf	4	A325	3/4"	1 1/2"
ER-1/ER-2	4	A325	3/4"	2"
ER-2/ER-3	4	A325	3/4"	2 1/4"
ER-3/ER-4	4	A325	3/4"	2"
Cor_Column/Raf	2	A325		1 1/4"
Int_Column/Raf	4	A325	1/2"	1 1/4"

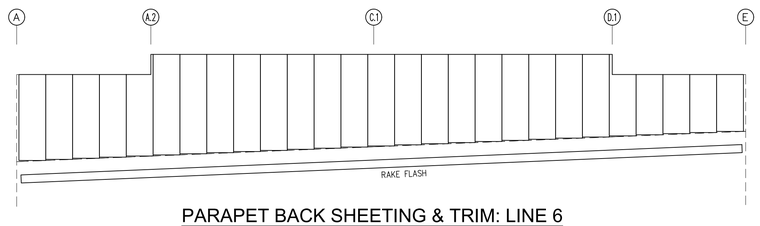
FLANGE BRACE TABLE FRAME LINE 6	
QTY	MARK	LENGTH
1	FB1R	1'-4 1/4"

MEMBER TABLE FRAME LINE 6	
MARK	PART
EC-1	W8x10
EC-2	W8x18
EC-3	W8x48
EC-4	W8x24
EC-5	W8x10
ER-1	W10x22
ER-2	W10x22
ER-3	W10x22
ER-4	W10x22
DJ-1	8x25C16
DJ-2	8x25C16
DH-1	8x25C16
DH-2	8x25C16
DH-3	8x25C16
G-1	8x25Z16
G-2	8x25Z16
G-3	W8x10
G-4	8x25Z16
G-5	8x25Z26
G-6	8x25Z26
G-7	8x25Z12
G-8	W8x10
G-9	8x25Z14
G-10	8x25Z26
G-11	8x25Z12
G-12	8x25Z16
G-13	W8x10
G-14	8x25Z16
G-15	8x25Z16
G-16	W8x10
CB-1	CB0500
CB-2	CB0500



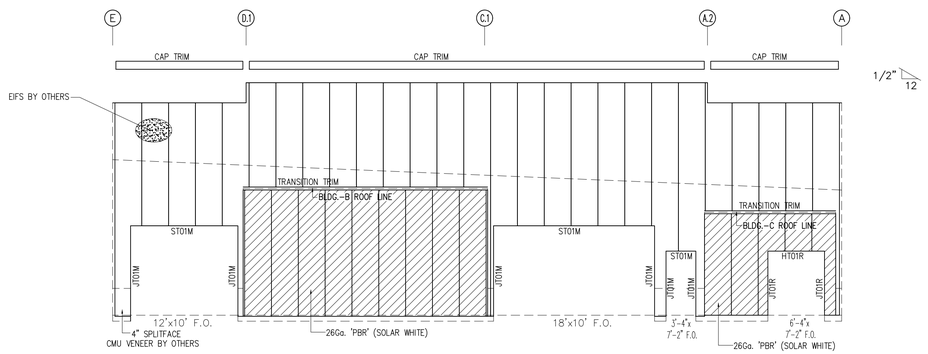
ENDWALL FRAMING: FRAME LINE 6

NOTES:
WALL INSULATION (BY OTHERS) TO BE LINER SYSTEM R-30 (9.25" IN BETWEEN GIRST).



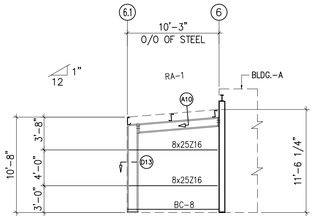
PARAPET BACK SHEETING & TRIM: LINE 6

PANEL: 26 Ga. PBR – COLOR:

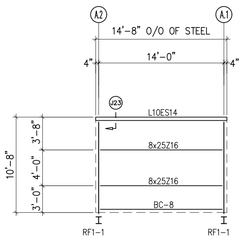


ENDWALL SHEETING & TRIM: FRAME LINE 6

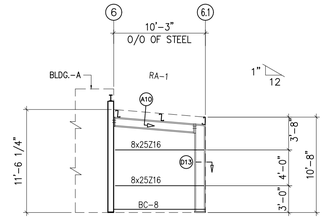
PANELS: 26 Ga. REV. PBM – GLVM. PLUS



ENDWALL FRAMING: FRAME LINE A.1

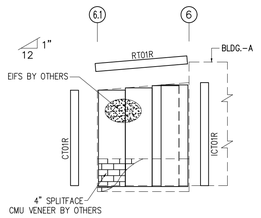


SIDEWALL FRAMING: FRAME LINE 6.1



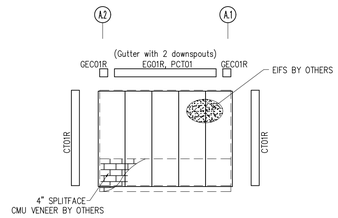
ENDWALL FRAMING: FRAME LINE A.2

NOTES:
WALL INSULATION (BY OTHERS) TO BE LINER SYSTEM R-30 (9.25" IN BETWEEN GIRST).



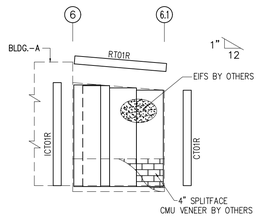
ENDWALL SHEETING & TRIM: FRAME LINE A.1

PANELS: 26 Ga. REV. PBM – GLVM. PLUS



SIDEWALL SHEETING & TRIM: FRAME LINE 6.1

PANELS: 26 Ga. REV. PBM – GLVM. PLUS



ENDWALL SHEETING & TRIM: FRAME LINE A.2

PANELS: 26 Ga. REV. PBM – GLVM. PLUS

ENDWALL SHEETING & TRIM: FRAME LINE 6

PANELS: 26 Ga. REV. PBM – GLVM. PLUS

FOR PERMIT

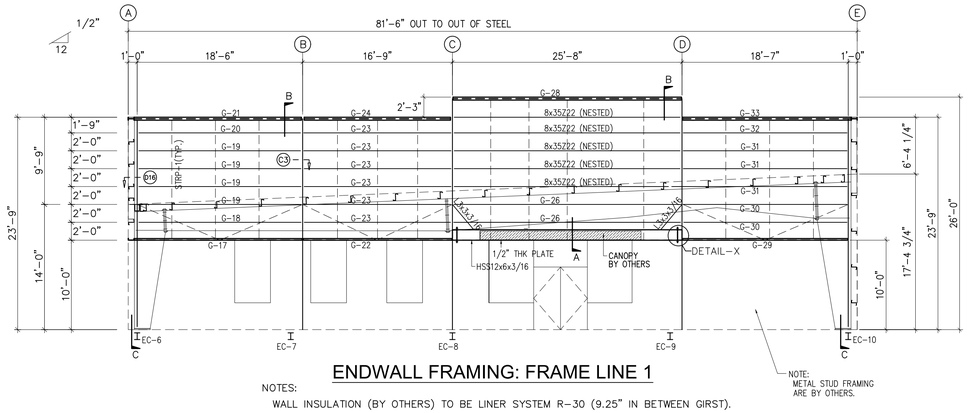
1/14/22

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

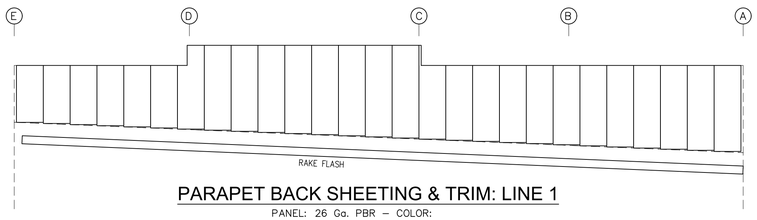
DESCRIPTION	SIDEWALL / ENDWALL FRAMING AND SHEETING				
CUSTOMER	CROSS DEVELOPMENT LLC				
END USER	CALIBER COLLISION				
END USE	COMMERCIAL	BUILDING	A		
STREET	710 SE BLUE PKWY				
CITY ST ZIP	LEES SUMMIT, MO 64002				
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: 1/8"	DWG. NO.: E05 OF 18	ISSUE: A	



ENDWALL FRAMING: FRAME LINE 1

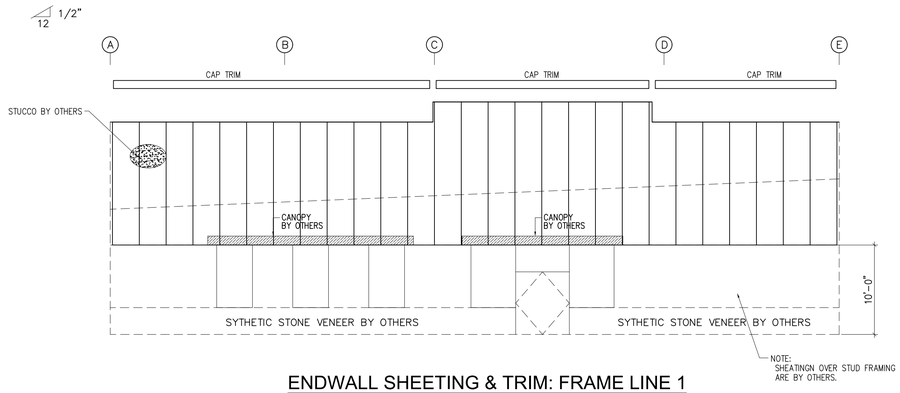
NOTES:

WALL INSULATION (BY OTHERS) TO BE LINER SYSTEM R-30 (9.25" IN BETWEEN GIRST).



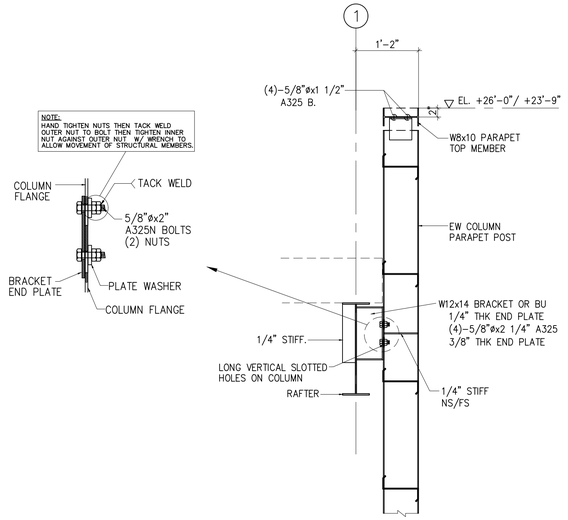
PARAPET BACK SHEETING & TRIM: LINE 1

PANEL: 26 Ga. PBR - COLOR:

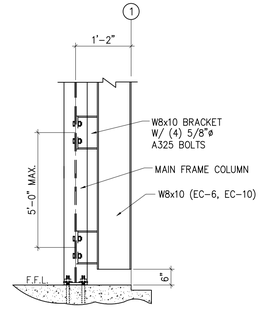


ENDWALL SHEETING & TRIM: FRAME LINE 1

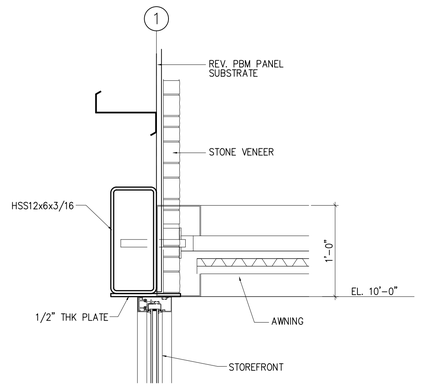
PANELS: 26 Ga. REV. PBM - GLVM. PLUS



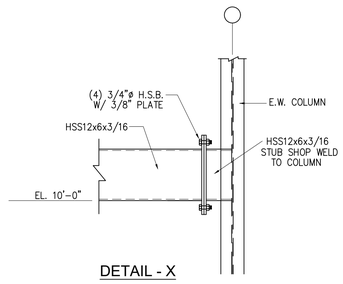
SECTION - B



SECTION - C



SECTION - A



DETAIL - X

MEMBER TABLE FRAME LINE 1	
MARK	PART
EC-6	W8x10
EC-7	W8x15
EC-8	W8x21
EC-9	W8x18
EC-10	W8x10
G-17	C8x11.5
G-18	8x25Z16
G-19	8x35Z14
G-20	8x30Z14
G-21	W8x10
G-22	C8x11.5
G-23	8x25Z16
G-24	W8x10
G-26	8x35Z16
G-27	8x35Z12
G-28	W8x10
G-29	C8x11.5
G-30	8x25Z16
G-31	8x35Z14
G-32	8x30Z14
G-33	W8x10

FOR PERMIT

1/14/22

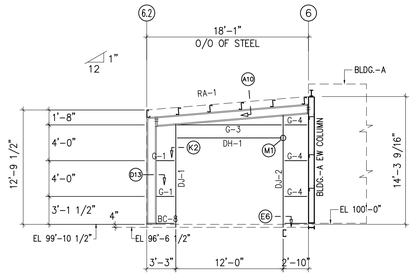
STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	ENDWALL FRAMING AND SHEETING			
CUSTOMER	CROSS DEVELOPMENT LLC			
END USER	CALIBER COLLISION			
END USE	COMMERCIAL	BUILDING	A	
STREET	710 SE BLUE PKWY			
CITY ST ZIP	LEES SUMMIT, MO 64002			
SALES NO. 71872	JOB NO. 157337-38-39	SCALE: 1/8"	DWG. NO.: E06 OF 18	ISSUE: A

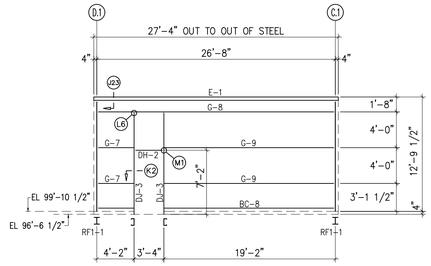
NOTES:
WALL INSULATION (BY OTHERS) TO BE LINER SYSTEM R-30 (9.25" IN BETWEEN GIRST).



ENDWALL FRAMING: FRAME LINE C.1

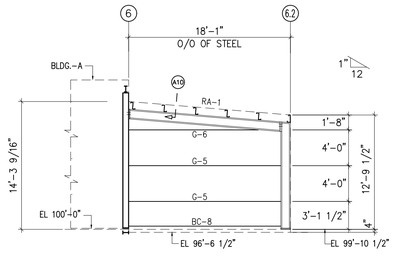
BOLT TABLE FRAME LINE C.1				
LOCATION	QUAN	TYPE	DIA	LENGTH
Jamb	2	A307	1/2"	1 1/4"

MEMBER TABLE FRAME LINE C.1	
MARK	PART
DJ-1	8x25C16
DJ-2	8x25C16
DH-1	8x25C16
G-1	8x25Z16
G-3	8x25Z16
G-4	8x25Z16



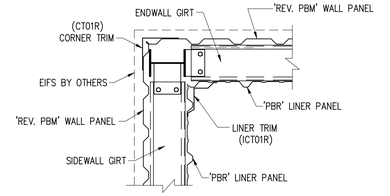
SIDEWALL FRAMING: FRAME LINE 6.2

MEMBER TABLE FRAME LINE 6.2	
MARK	PART
DJ-4	8x25C16
DH-3	8x25C16
E-2	L10ES14
G-7	8x25Z16

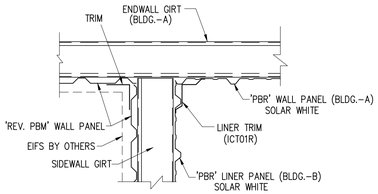


ENDWALL FRAMING: FRAME LINE D.1

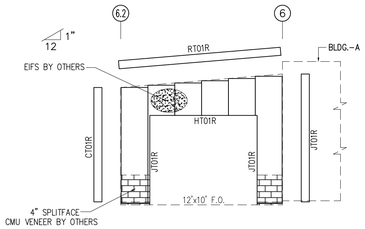
MEMBER TABLE FRAME LINE D.1	
MARK	PART
G-5	8x25Z16
G-6	8x25Z16



SECTION @ CORNER



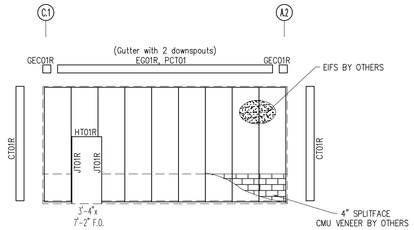
SECTION @ ENDWALL
(@ BLDG.-A)



ENDWALL SHEETING & TRIM:

FRAME LINE C.1

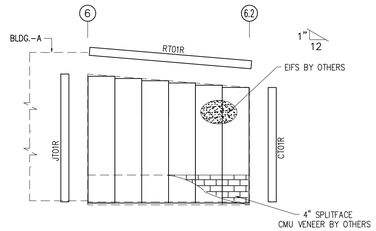
PANELS: 26 Ga. REV. PBM - GLVM. PLUS



ENDWALL SHEETING & TRIM:

FRAME LINE 6.2

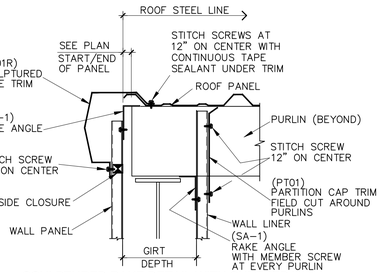
PANELS: 26 Ga. REV. PBM - GLVM. PLUS



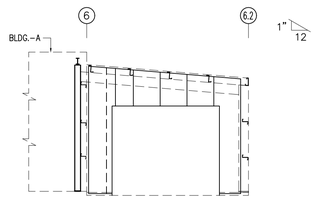
ENDWALL SHEETING & TRIM:

FRAME LINE D.1

PANELS: 26 Ga. REV. PBM - GLVM. PLUS



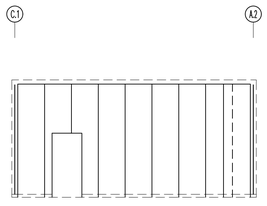
SCULPTURED RAKE DETAIL WITH SHEETED WALL
"R" AND "PBR" ROOF PANEL



ENDWALL LINER SHEETING & TRIM:

FRAME LINE C.1

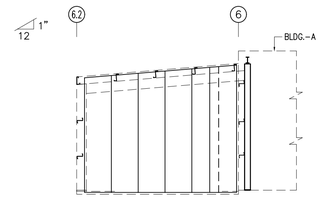
PANELS: 26 Ga. PBR - SOLAR WHITE



SIDEWALL LINER SHEETING & TRIM:

FRAME LINE 6.2

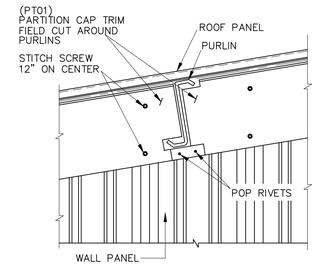
PANELS: 26 Ga. PBR - SOLAR WHITE



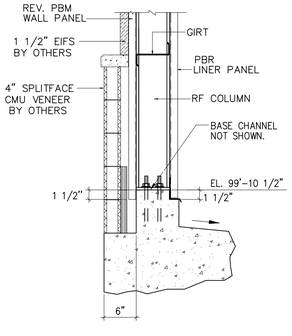
ENDWALL LINER SHEETING & TRIM:

FRAME LINE D.1

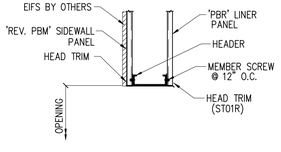
PANELS: 26 Ga. PBR - SOLAR WHITE



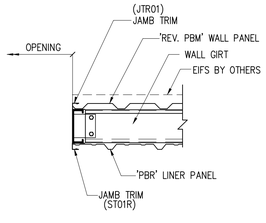
PARTITION CAP TRIM DETAIL AT PURLIN



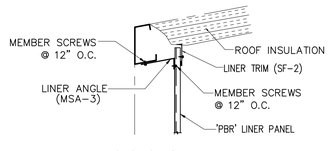
CONCRETE SECTION
WITH BASE CHANNEL



FRAMED OPENING HEADER



FRAMED OPENING JAMB



SECTION @ EAVE
(@ LOW SIDE)

FOR PERMIT

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER
1/14/22

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	SIDEWALL / ENDWALL FRAMING AND SHEETING		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: 1/8"	DWG. NO.: E07 OF 18 ISSUE: A

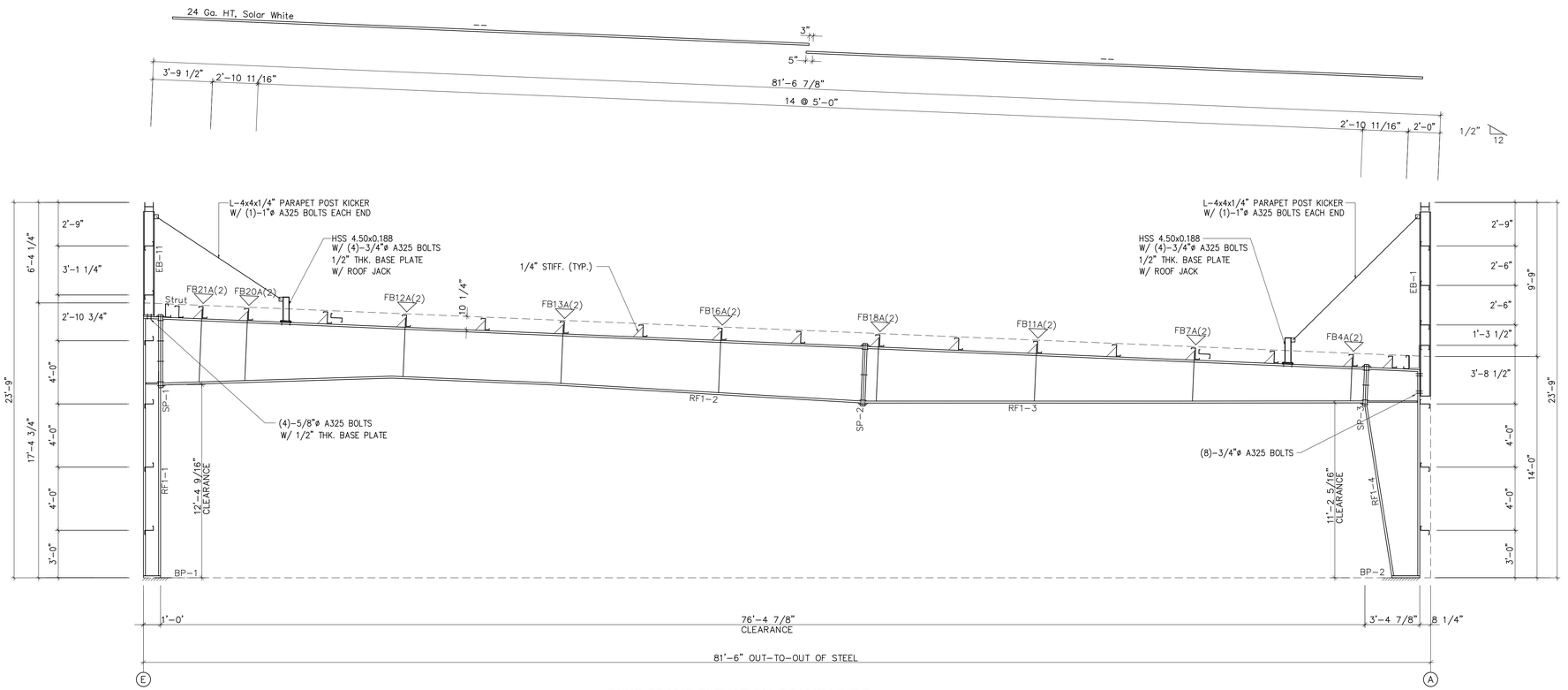
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	4	A325	1.000	3.50	1'-0"	1"	4'-8 1/16"
SP-2	4	4	2	A325	0.875	2.50	10"	5/8"	3'-10 15/16"
SP-3	4	4	2	A325	1.125	3.00	10"	3/4"	2'-8 3/8"

STIFFENER TABLE					
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF1-1	St- 1	5.880	0.375	9.500
RF1-4	St- 1	4.880	0.313	39.33

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP-1	1'-0"	1/2"	1'-0 1/2"
BP-2	10"	1/2"	1'-8"

FBXXA(1)=FLANGE BRACE AT ONE SIDE ONLY
FBXXA(2)=FLANGE BRACE AT BOTH SIDES
A = L2x2x14

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	10.0/10.0	0.188	144.7	12 x 1" x 196.9	12 x 1" x 144.7
	10.0/10.0	0.500	52.3	12 x 1" x 11.0	
RF1-2	48.0/36.0	0.250	177.3	8 x 1/4" x 177.3	8 x 3/8" x 175.7
	36.0/36.0	0.188	117.9	8 x 3/8" x 117.9	8 x 1/4" x 117.9
	36.0/40.0	0.188	240.0	8 x 1/2" x 240.0	8 x 1/4" x 240.0
RF1-3	40.0/30.0	0.188	240.0	10 x 1/2" x 240.0	10 x 3/8" x 240.2
	30.0/24.0	0.188	140.4	10 x 3/8" x 140.4	10 x 1/2" x 140.5
RF1-4	38.8/40.0	0.313	28.2	10 x 3/8" x 39.2	10 x 1/2" x 131.8
	40.0/18.0	0.188	130.0	10 x 3/8" x 156.6	



RIGID FRAME ELEVATION: FRAME LINE 5

FOR
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2. ALL FIELD CONNECTIONS OF PRIMARY FRAMING MEMBERS SHALL BE BOLTED WITH A325 H. S. BOLTS AND INSTALLED BY THE "TURN OF THE NUT" METHOD.
3. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
4. WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.
5. A325 High Strength bolt shall be tightened with one washer. Refer to General Notes 1.5 and 1.6 on cover sheet for tightening methods and installation inspections.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	RIGID FRAME ELEVATION				
CUSTOMER	CROSS DEVELOPMENT LLC				
END USER	CALIBER COLLISION				
END USE	COMMERCIAL	BUILDING	A		
STREET	710 SE BLUE PKWY				
CITY ST ZIP	LEES SUMMIT, MO 64002				
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: 1/4"	DWG. NO.: E08 OF 18	ISSUE: A	

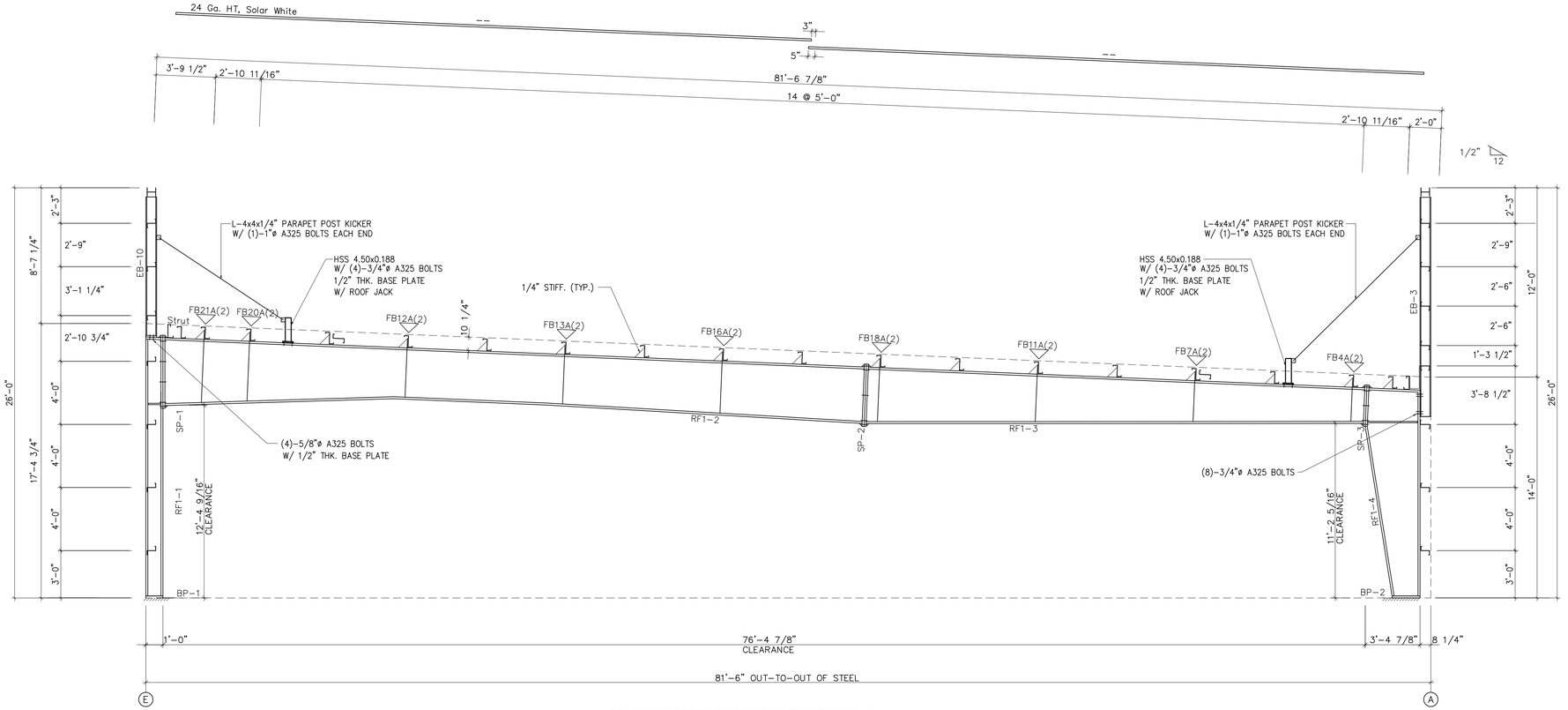
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	4	A325	1.000	3.50	1'-0"	1"	4'-8 1/16"
SP-2	4	4	2	A325	0.875	2.50	10"	5/8"	3'-10 15/16"
SP-3	4	4	2	A325	1.125	3.00	10"	3/4"	2'-8 3/8"

STIFFENER TABLE					
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF1-1	St- 1	5.880	0.375	9.500
RF1-4	St- 1	4.880	0.313	39.33

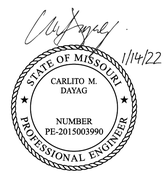
BASE PLATE TABLE				
Col Mark	Plate Size Width	Thick	Length	
BP-1	1'-0"	1/2"	1'-0 1/2"	
BP-2	10"	1/2"	1'-8"	

FBXXA(1)=FLANGE BRACE AT ONE SIDE ONLY
FBXXA(2)=FLANGE BRACE AT BOTH SIDES
A = L2x2x14

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	10.0/10.0	0.188	144.7	12 x 1" x 196.9	12 x 1" x 144.7
	10.0/10.0	0.500	52.3	12 x 1" x 11.0	
RF1-2	48.0/36.0	0.250	177.3	8 x 1/4" x 177.3	8 x 3/8" x 175.7
	36.0/36.0	0.188	117.9	8 x 3/8" x 117.9	8 x 1/4" x 117.9
	36.0/40.0	0.188	240.0	8 x 1/2" x 240.0	8 x 1/4" x 240.0
RF1-3	40.0/30.0	0.188	240.0	10 x 1/2" x 240.0	10 x 3/8" x 240.2
	30.0/24.0	0.188	140.4	10 x 3/8" x 140.4	10 x 1/2" x 140.5
RF1-4	38.8/40.0	0.313	28.2	10 x 3/8" x 39.2	10 x 1/2" x 131.8
	40.0/18.0	0.188	130.0	10 x 3/8" x 156.6	



RIGID FRAME ELEVATION: FRAME LINE 4



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3. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	RIGID FRAME ELEVATION				
CUSTOMER	CROSS DEVELOPMENT LLC				
END USER	CALIBER COLLISION				
END USE	COMMERCIAL	BUILDING	A		
STREET	710 SE BLUE PKWY				
CITY ST ZIP	LEES SUMMIT, MO 64002				
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: 1/4"	DWG. NO.: E09 OF 18	ISSUE: A	

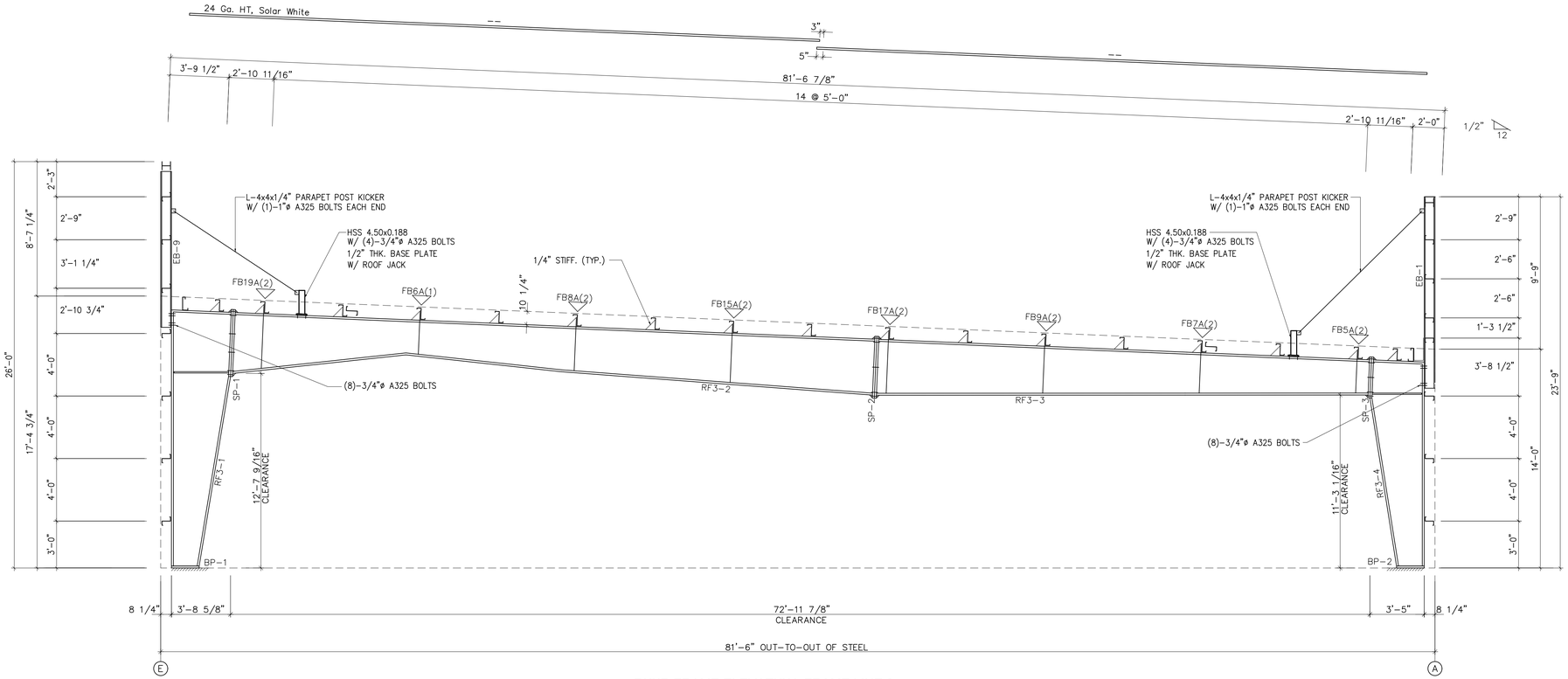
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	4	A325	0.875	2.50	8"	5/8"	4'-2 15/16"
SP-2	4	4	2	A325	0.875	2.50	10"	5/8"	3'-10 15/16"
SP-3	4	4	2	A325	1.125	3.00	10"	3/4"	2'-8 7/16"

STIFFENER TABLE					
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF3-1	St- 1	3.750	0.250	43.64
RF3-4	St- 1	4.880	0.313	39.33

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP-1	8"	1/2"	1'-8"
BP-2	10"	1/2"	1'-8"

FBXXA(1)=FLANGE BRACE AT ONE SIDE ONLY
FBXXA(2)=FLANGE BRACE AT BOTH SIDES
A = L2x2x14

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF3-1	18.0/44.0	0.250	148.0	8 x 1/4" x 197.4	8 x 3/8" x 150.2
	44.0/46.0	0.313	49.4	8 x 1/4" x 46.3	
RF3-2	44.0/24.0	0.250	133.6	6 x 1/4" x 253.6	6 x 3/8" x 135.1
	24.0/32.0	0.188	120.0	6 x 1/2" x 240.0	6 x 1/4" x 120.2
	32.0/40.0	0.188	240.0		6 x 1/4" x 240.1
RF3-3	40.0/34.1	0.188	139.1	10 x 3/8" x 237.6	10 x 3/8" x 237.8
	34.1/24.0	0.188	240.0	10 x 1/2" x 141.5	10 x 1/2" x 141.6
RF3-4	38.8/40.0	0.313	28.2	10 x 1/2" x 39.3	10 x 1/2" x 132.5
	40.0/18.0	0.188	130.8	10 x 1/2" x 157.3	



RIGID FRAME ELEVATION: FRAME LINE 3

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER
1/14/22

FOR PERMIT

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3. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
4. WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.
5. A325 High Strength bolt shall be tightened with one washer. Refer to General Notes 1.5 and 1.6 on cover sheet for tightening methods and installation inspections.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	RIGID FRAME ELEVATION			
CUSTOMER	CROSS DEVELOPMENT LLC			
END USER	CALIBER COLLISION			
END USE	COMMERCIAL	BUILDING	A	
STREET	710 SE BLUE PKWY			
CITY ST ZIP	LEES SUMMIT, MO 64002			
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: 1/4"	DWG. NO.: E10 OF 18	ISSUE: A

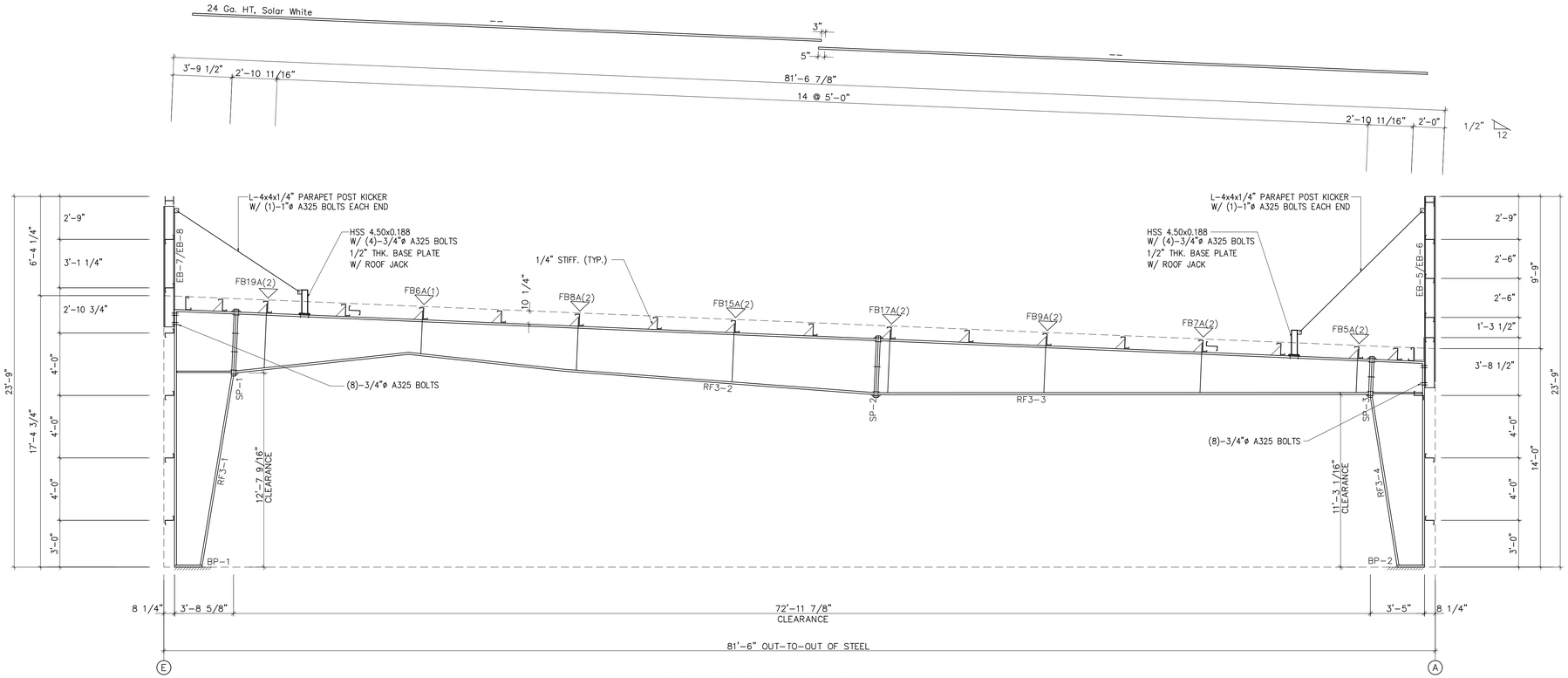
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	4	A325	0.875	2.50	8"	5/8"	4'-2 15/16"
SP-2	4	4	2	A325	0.875	2.50	10"	5/8"	3'-10 15/16"
SP-3	4	4	2	A325	1.125	3.00	10"	3/4"	2'-8 7/16"

STIFFENER TABLE					
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF3-1	St- 1	3.750	0.250	43.64
RF3-4	St- 1	4.880	0.313	39.33

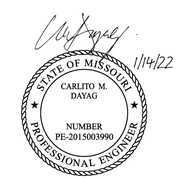
BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP-1	8"	1/2"	1'-8"
BP-2	10"	1/2"	1'-8"

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF3-1	18.0/44.0	0.250	148.0	8 x 1/4" x 197.4	8 x 3/8" x 150.2
	44.0/46.0	0.313	49.4	8 x 1/4" x 46.3	
RF3-2	44.0/24.0	0.250	133.6	6 x 1/4" x 253.6	6 x 3/8" x 135.1
	24.0/32.0	0.188	120.0	6 x 1/2" x 240.0	6 x 1/4" x 120.2
	32.0/40.0	0.188	240.0		6 x 1/4" x 240.1
RF3-3	40.0/34.1	0.188	139.1	10 x 3/8" x 237.6	10 x 3/8" x 237.8
	34.1/24.0	0.188	240.0	10 x 1/2" x 141.5	10 x 1/2" x 141.6
RF3-4	38.8/40.0	0.313	28.2	10 x 1/2" x 39.3	10 x 1/2" x 132.5
	40.0/18.0	0.188	130.8	10 x 1/2" x 157.3	

FBXXA(1)=FLANGE BRACE AT ONE SIDE ONLY
FBXXA(2)=FLANGE BRACE AT BOTH SIDES
A = L2x2x14



RIGID FRAME ELEVATION: FRAME LINE 2



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3. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
4. WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.
5. A325 High Strength bolt shall be tightened with one washer. Refer to General Notes 1.5 and 1.6 on cover sheet for tightening methods and installation inspections.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	RIGID FRAME ELEVATION				
CUSTOMER	CROSS DEVELOPMENT LLC				
END USER	CALIBER COLLISION				
END USE	COMMERCIAL	BUILDING	A		
STREET	710 SE BLUE PKWY				
CITY ST ZIP	LEES SUMMIT, MO 64002				
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: 1/4"	DWG. NO.: E11 OF 18	ISSUE: A	

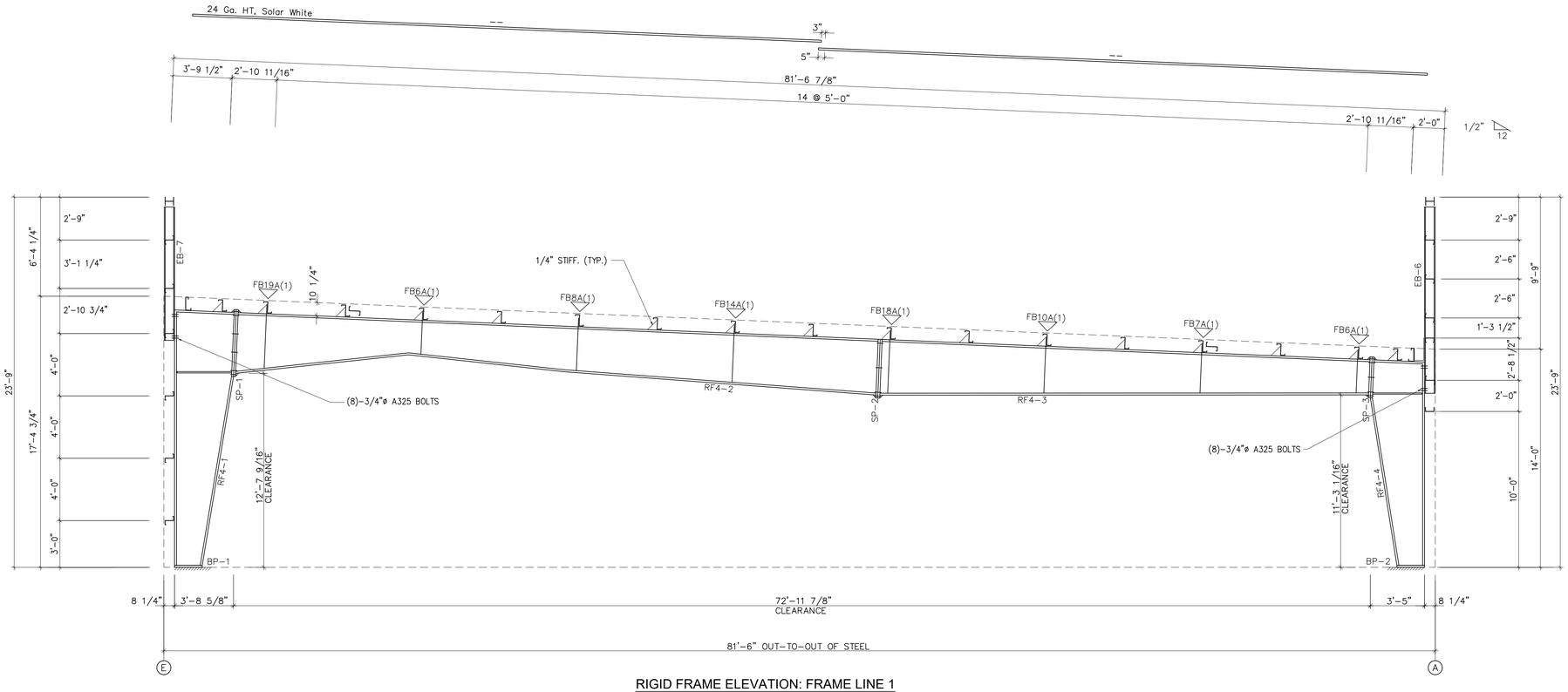
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	4	A325	0.875	2.50	8"	5/8"	4'-2 15/16"
SP-2	2	4	2	A325	0.750	2.25	10"	1/2"	3'-8 7/16"
SP-3	4	4	2	A325	1.000	2.75	10"	5/8"	2'-7 1/2"

STIFFENER TABLE					
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF4-1	St- 1	3.750	0.250	43.64
RF4-2	St- 2	3.500	0.375	21.17
RF4-2	St- 1	3.500	0.375	29.92
RF4-3	St- 1	3.500	0.375	23.35
RF4-4	St- 1	4.880	0.313	39.35

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP-1	8"	1/2"	1'-8"
BP-2	10"	1/2"	1'-8"

FBXXA(1)=FLANGE BRACE AT ONE SIDE ONLY
FBXXA(2)=FLANGE BRACE AT BOTH SIDES
A = L2x2x14

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF4-1	18.0/44.0	0.250	148.0	8 x 1/4" x 197.4	8 x 3/8" x 150.2
	44.0/46.0	0.313	49.4	8 x 1/4" x 46.3	
RF4-2	44.0/24.0	0.250	133.6	6 x 1/4" x 253.6	6 x 3/8" x 135.1
	24.0/32.0	0.188	120.0	6 x 1/2" x 241.6	6 x 1/4" x 120.2
	32.0/32.4	0.188	12.0		6 x 1/4" x 241.7
	32.4/40.0	0.188	229.6		
RF4-3	40.0/34.1	0.188	138.0	10 x 3/8" x 236.3	10 x 3/8" x 236.5
	34.1/24.0	0.188	240.0	10 x 1/2" x 141.7	10 x 1/2" x 141.8
RF4-4	38.8/40.0	0.313	27.7	10 x 1/2" x 39.4	10 x 1/2" x 133.0
	40.0/18.0	0.188	131.3	10 x 1/2" x 157.3	



RIGID FRAME ELEVATION: FRAME LINE 1

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER
1/14/22

FOR PERMIT

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2. ALL FIELD CONNECTIONS OF PRIMARY FRAMING MEMBERS SHALL BE BOLTED. WITH A325 H. S. BOLTS AND INSTALLED BY THE "TURN OF THE NUT" METHOD.
3. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
4. WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.
5. A325 High Strength bolt shall be tightened with one washer. Refer to General Notes 1.5 and 1.6 on cover sheet for tightening methods and installation inspections.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

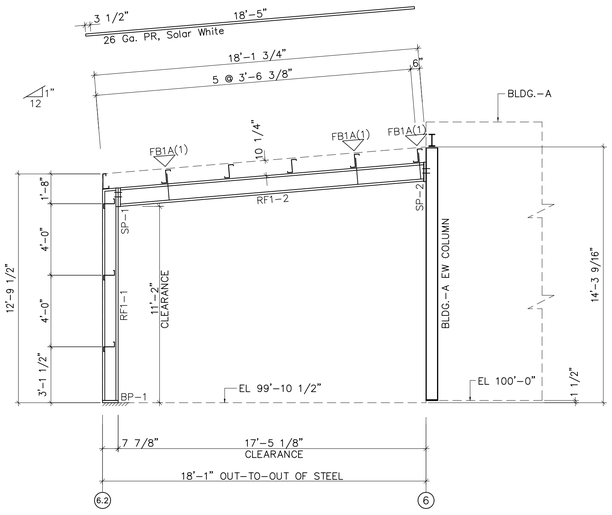
DESCRIPTION	RIGID FRAME ELEVATION				
CUSTOMER	CROSS DEVELOPMENT LLC				
END USER	CALIBER COLLISION				
END USE	COMMERCIAL	BUILDING	A		
STREET	710 SE BLUE PKWY				
CITY ST ZIP	LEES SUMMIT, MO 64002				
SALES NO.	JOB NO.	SCALE:	DWG. NO.	ISSUE:	
71872	157337-38-39	1/4"	E12 OF 18	A	

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1–1	W8x10	12'–3 3/16"
RF1–2	W10x12	17'–5 5/16"

SPLICE PLATE & BOLT TABLE										
	Qty									
Mark	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length	
SP–1	4	0	0	A325	0.625	2.25	6"	1/2"	11	3/8"
SP–2	4	0	0	A325	0.625	1.50	6"	1/2"	11	3/8"

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP–1	8"	1/2"	9"

FBXXA(1)=FLANGE BRACE AT ONE SIDE ONLY
FBXXA(2)=FLANGE BRACE AT BOTH SIDES
A – L2x2x14



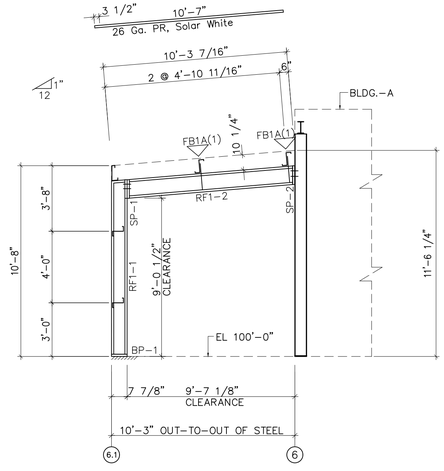
RIGID FRAME ELEVATION: FRAME LINE C.1 D.1

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1–1	W8x10	9'–11 3/16"
RF1–2	W10x12	9'–7"

SPLICE PLATE & BOLT TABLE										
	Qty									
Mark	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length	
SP–1	4	0	0	A325	0.625	2.25	6"	1/2"	11	3/8"
SP–2	4	0	0	A325	0.625	1.50	6"	1/2"	11	3/8"

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP–1	8"	1/2"	9"

FBXXA(1)=FLANGE BRACE AT ONE SIDE ONLY
FBXXA(2)=FLANGE BRACE AT BOTH SIDES
A – L2x2x14



RIGID FRAME ELEVATION: FRAME LINE A.1 A.2

FOR PERMIT

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GENERAL NOTES:

CONSTRUCTION NOTES FOR THE RIGID FRAMES.
1. ALL PRIMARY STRUCTURAL STEEL SHALL BE FABRICATED FROM 50 OR 55 KSI STEEL.
2. ALL FIELD CONNECTIONS OF PRIMARY FRAMING MEMBERS SHALL BE BOLTED. WITH A325 H. S. BOLTS AND INSTALLED BY THE "TURN OF THE NUT" METHOD.
3. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
4. WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.
5. A325 High Strength bolt shall be tightened with one washer. Refer to General Notes 1.5 and 1.6 on cover sheet for tightening methods and installation inspections.

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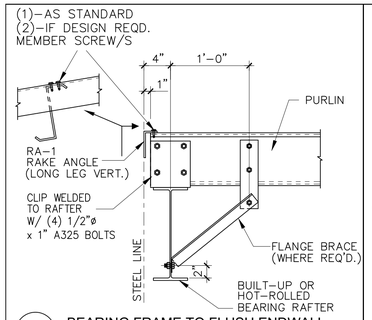
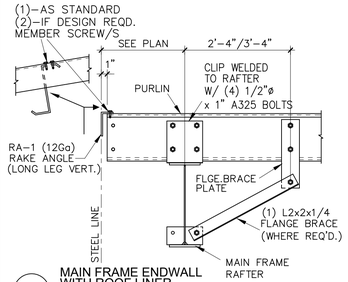
RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

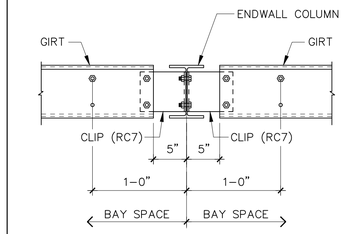
DESCRIPTION	RIGID FRAME ELEVATION				
CUSTOMER	CROSS DEVELOPMENT LLC				
END USER	CALIBER COLLISION				
END USE	COMMERCIAL	BUILDING	A		
STREET	710 SE BLUE PKWY				
CITY ST ZIP	LEES SUMMIT, MO 64002				
SALES NO. 71872	JOB NO. 157337-38-39	SCALE: 1/4"	DWG. NO.: E13 OF 18	ISSUE: A	



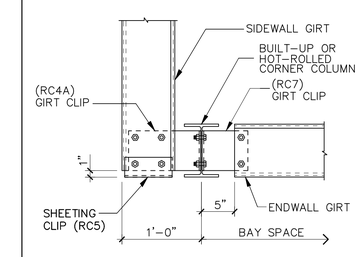
A7 **BEARING FRAME TO FLUSH ENDWALL**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



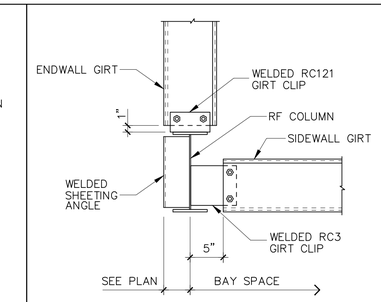
A10 **MAIN FRAME ENDWALL WITH ROOF LINER**
ALL BOLTS ARE (4) 1/2"ø x 1" A325 U.N.



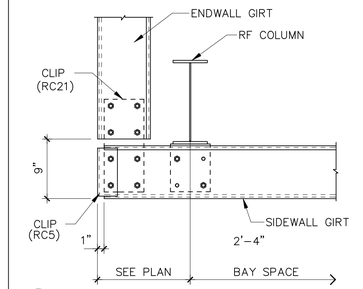
C3 **FLUSH GIRT TO ENDWALL COLUMN WITH BOLTED CLIP**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



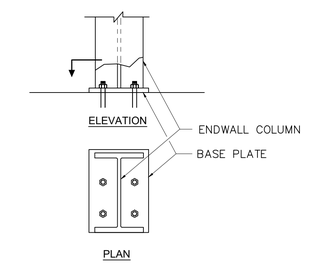
D3 **BUILT-UP CORNER COLUMN OR HOT-ROLLED CORNER COLUMN**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



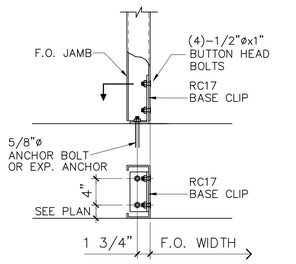
D13 **RF CORNER COLUMN TO WALL GIRT**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



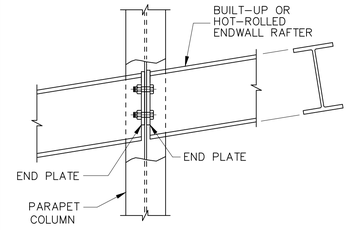
D16 **RF CORNER COLUMN TO WALL GIRT**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



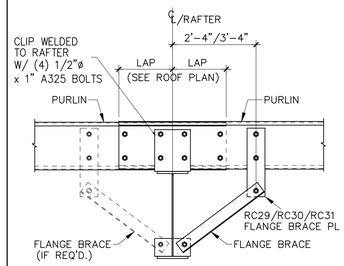
E3 **BASE PLATE FOR ENDWALL COLUMN**
SEE ANCHOR BOLT PLAN & DETAILS



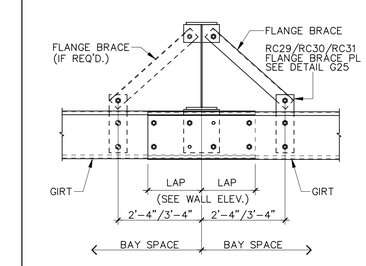
E6 **"FO" JAMB BASE DETAIL**
WITH BOLTED BASE CLIP



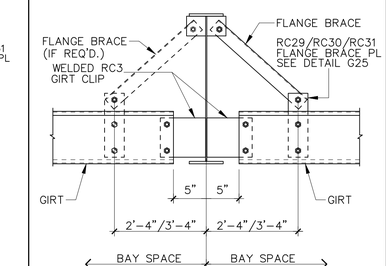
F3 **BUILT-UP/HOT-ROLLED RAFTER TO PARAPET COLUMN WITH END PL**
SEE ENDWALL FRAMING ELEV. FOR BOLT DIA AND TYPE.



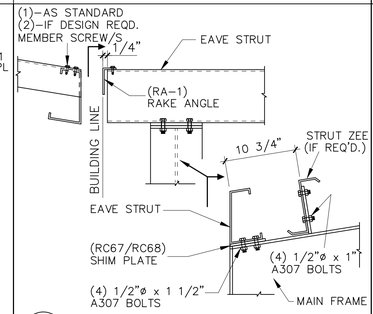
G2 **BY-PASS PURLIN TO RAFTER DETAIL**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



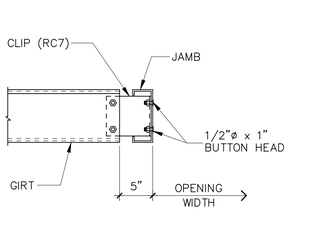
H2 **WALL GIRT TO RF COLUMN WITH LINER**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



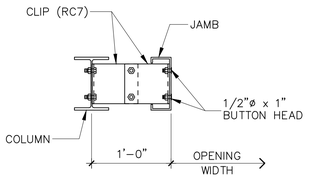
H6 **FLUSH WALL GIRT TO RF COLUMN**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



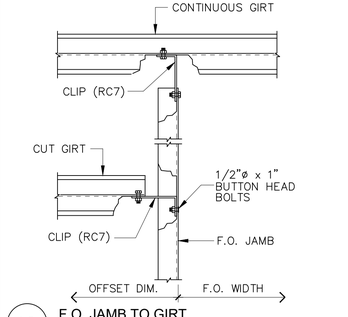
J23 **LOW EAVE DETAIL (FLUSH CONDITION)**
AT END FRAME



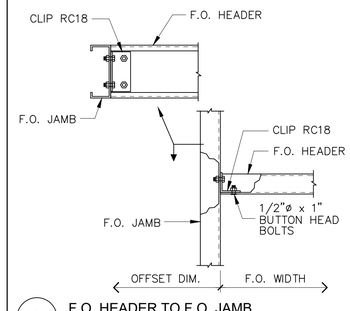
K2 **GIRT TO FRAMED OPENING JAMB**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



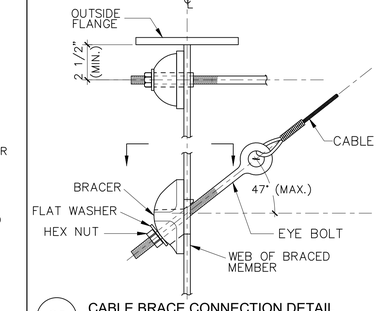
K5 **COLUMN TO FRAMED OPENING JAMB**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



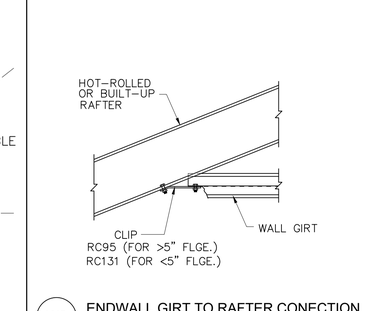
L6 **F.O. JAMB TO GIRT**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



M1 **F.O. HEADER TO F.O. JAMB**
ALL BOLTS ARE 1/2"ø x 1" A307 U.N.

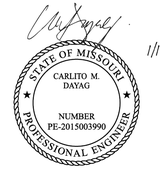


Q2 **CABLE BRACE CONNECTION DETAIL**



W3 **ENDWALL GIRT TO RAFTER CONECTION**
ALL BOLTS ARE 1/2"ø x 1" A307 BOLTS

FOR PERMIT



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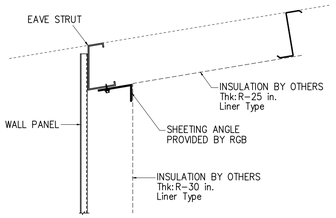
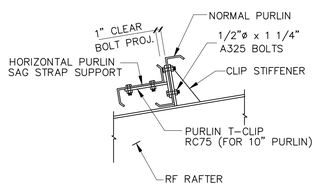
RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	DETAIL DRAWINGS			
CUSTOMER	CROSS DEVELOPMENT LLC			
END USER	CALIBER COLLISION			
END USE	COMMERCIAL	BUILDING	A	
STREET	710 SE BLUE PKWY			
CITY ST ZIP	LEES SUMMIT, MO 64002			
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: N.T.S.	DWG. NO.: E14 OF 18	ISSUE: A

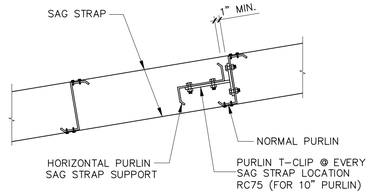


SECTION AT EAVE LOCATION



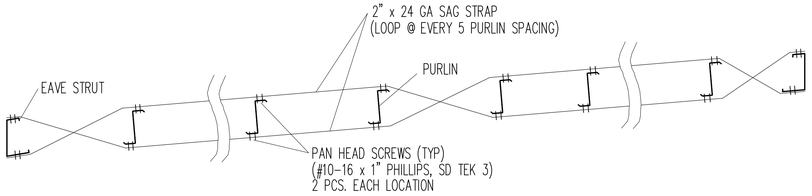
1 - HORIZONTAL PURLIN CONNECTION TO RF RAFTER

ALL BOLTS ARE 1/2"ø x 1" A307 U.N.



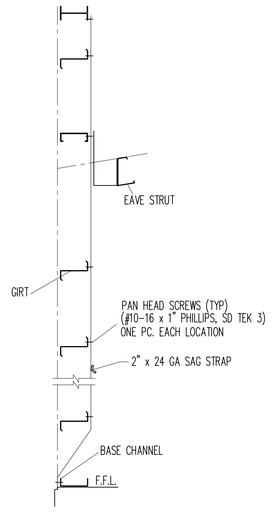
2 - HORIZONTAL PURLIN CONNECTION TO NORMAL PURLIN

ALL BOLTS ARE 1/2"ø x 1" A307 U.N.

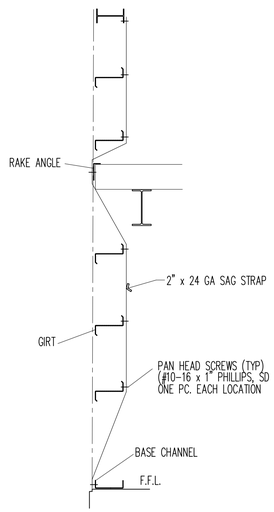


TYPICAL SAG STRAP DETAIL

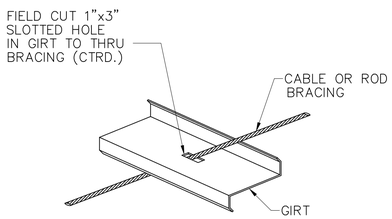
(BRACED AT TOP AND BOTTOM OF PURLINS)



TYP. SAG STRAP DETAIL
AT SIDEWALL



TYP. SAG STRAP DETAIL
AT ENDWALL



TYP. CABLE BRACING
DETAIL THRU GIRT

FOR PERMIT

1/14/22

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
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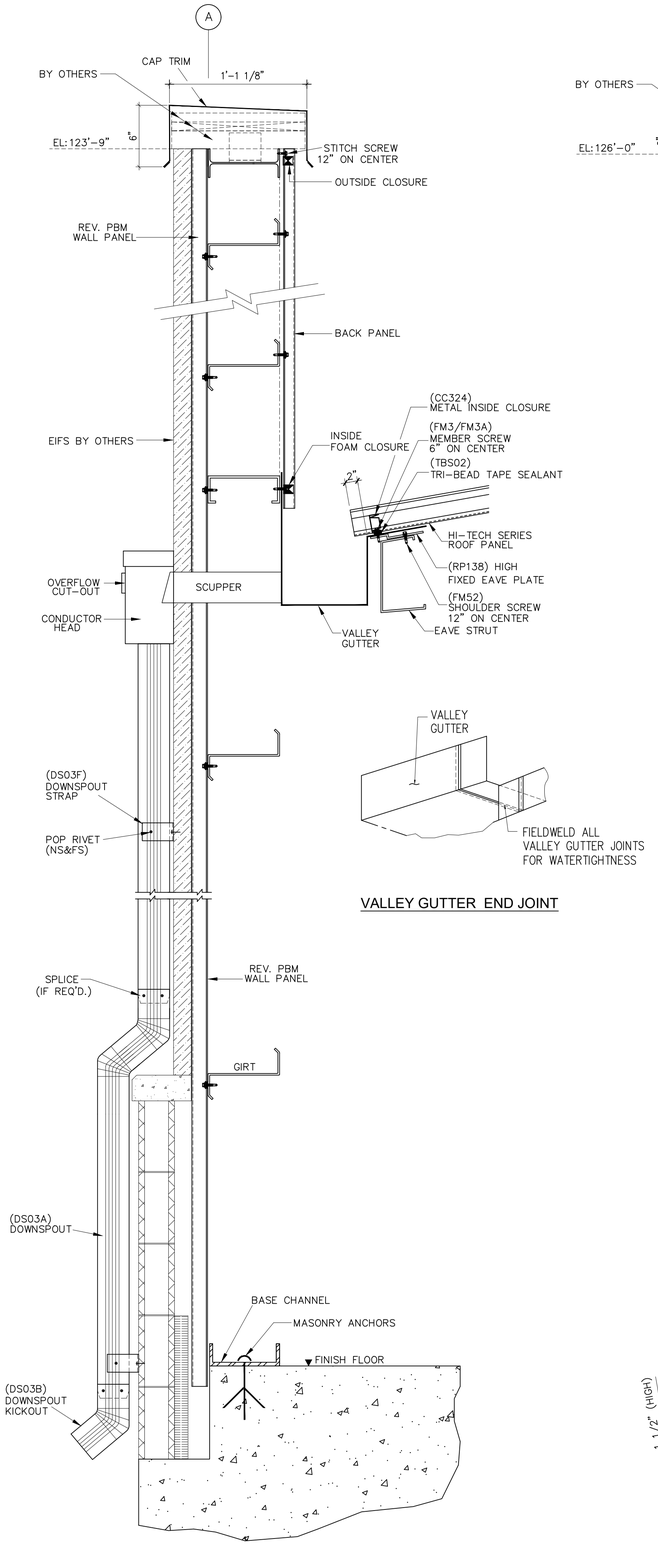
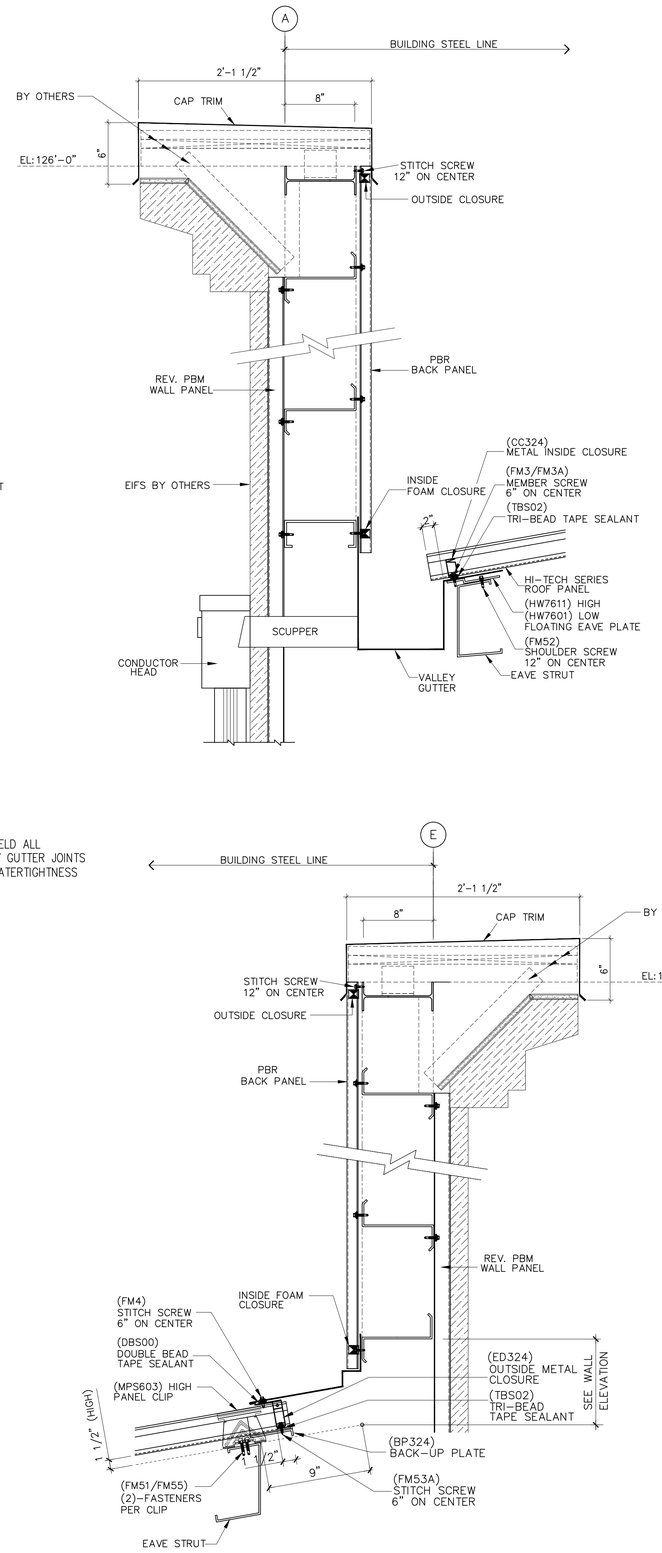
END USER	CALIBER COLLISION			
END USE	COMMERCIAL	BUILDING	A	
STREET	710 SE BLUE PKWY			
CITY ST ZIP	LEES SUMMIT, MO 64002			
SALES NO.: 71872	JOB NO.: 157337-38-39	SCALE: N.T.S.	DWG. NO.: E15 OF 18	ISSUE: A

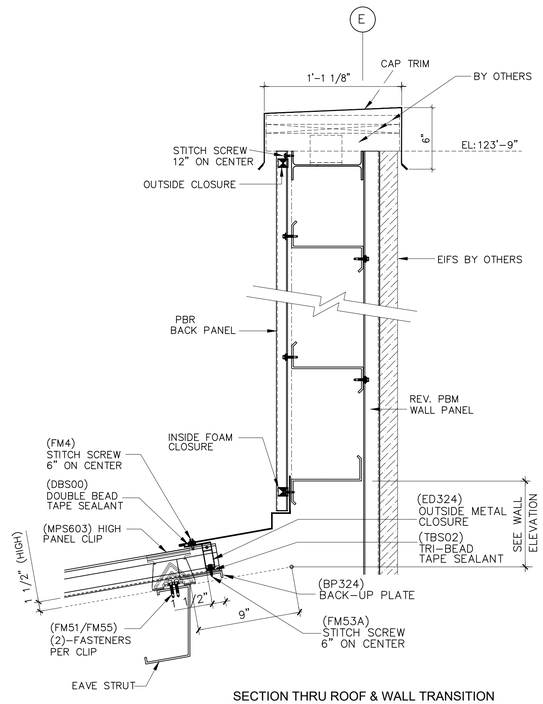


DOWNSPOUT & GUTTER DETAIL
(BLDG-A)

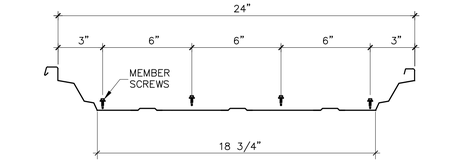
VALLEY GUTTER END JOINT



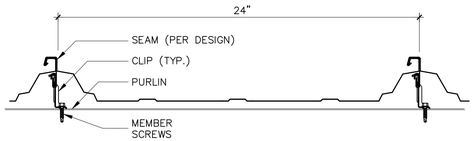
SECTION THRU ROOF & WALL TRANSITION
FLOATING



SECTION THRU ROOF & WALL TRANSITION
FLOATING

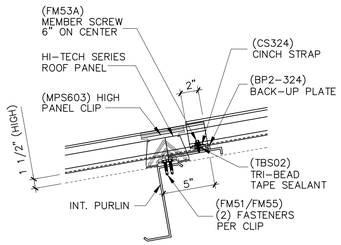


AT EAVE

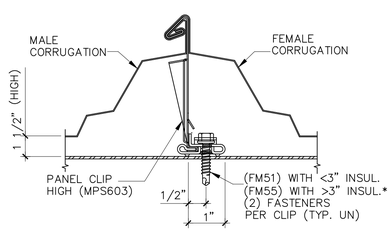


AT OTHER LOCATION

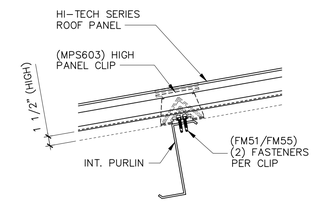
1 HT01 HI-TECH PANEL FASTENER LOCATION



2 PL02 SECTION THRU PANEL END LAP - FLOATING
STANDARD CLIP



3 SL02 QUAD-LOK SEAM WITH FLOATING CLIP



2 PL01 SECTION THRU INTERIOR PURLIN - FLOATING
STANDARD CLIP

FOR PERMIT

1/14/22

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

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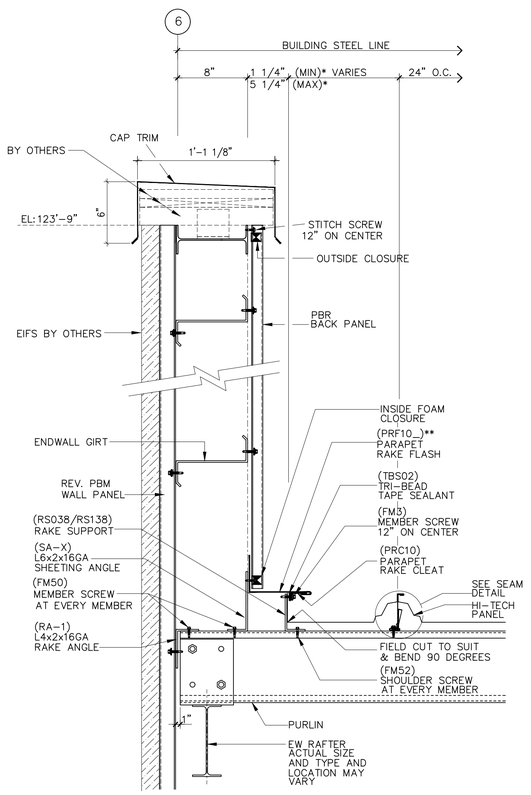
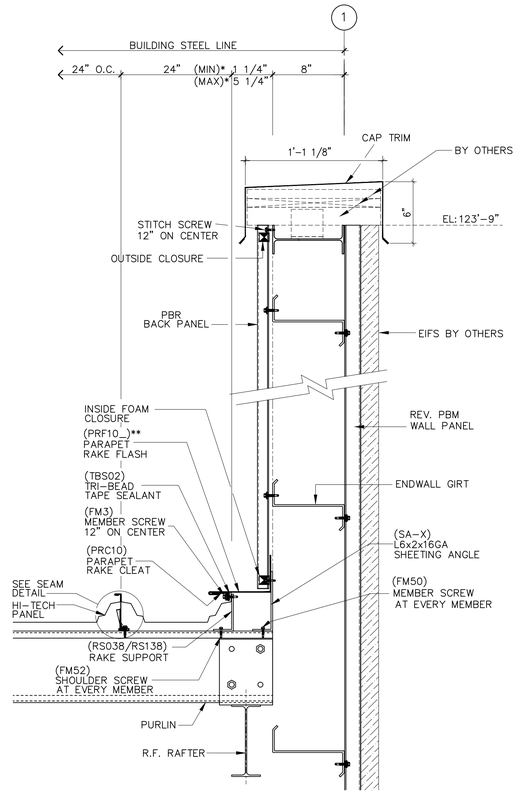
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.	JOB NO.	SCALE	DWG. NO.	ISSUE
71872	157337-38-39	N.T.S.	E16 OF 18	A



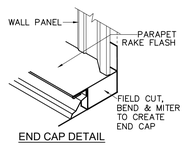
*MIN TO MAX DIMENSION IS AT 1" INCREMENT
**SUPPLY SPECIAL RAKE FLASH FOR DIM. >5 1/4"

1 RS26 SECTION THRU PARAPET END - FLOATING OFF MODULE

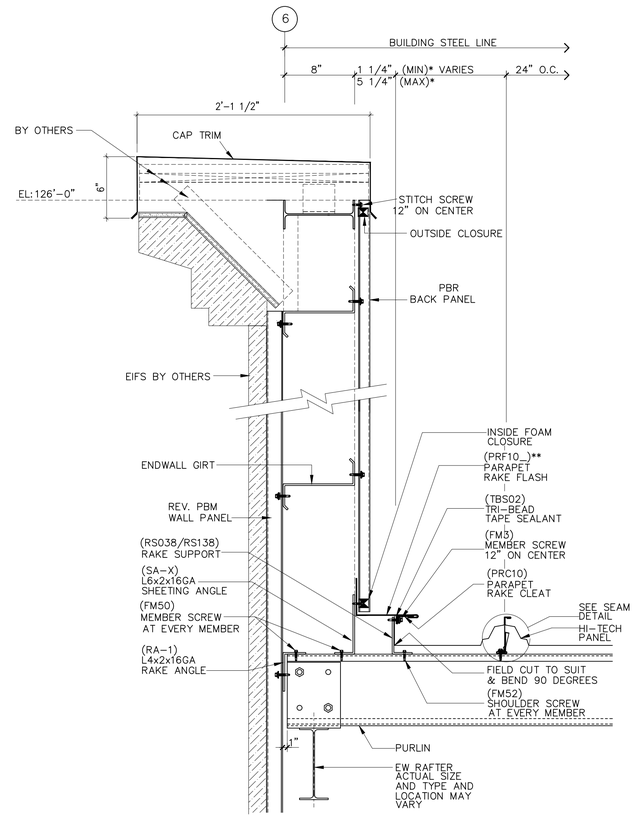


*MIN TO MAX DIMENSION IS AT 1" INCREMENT
**SUPPLY SPECIAL RAKE FLASH FOR DIM. >5 1/4"

1 RE24 SECTION THRU PARAPET END - FLOATING ON MODULE

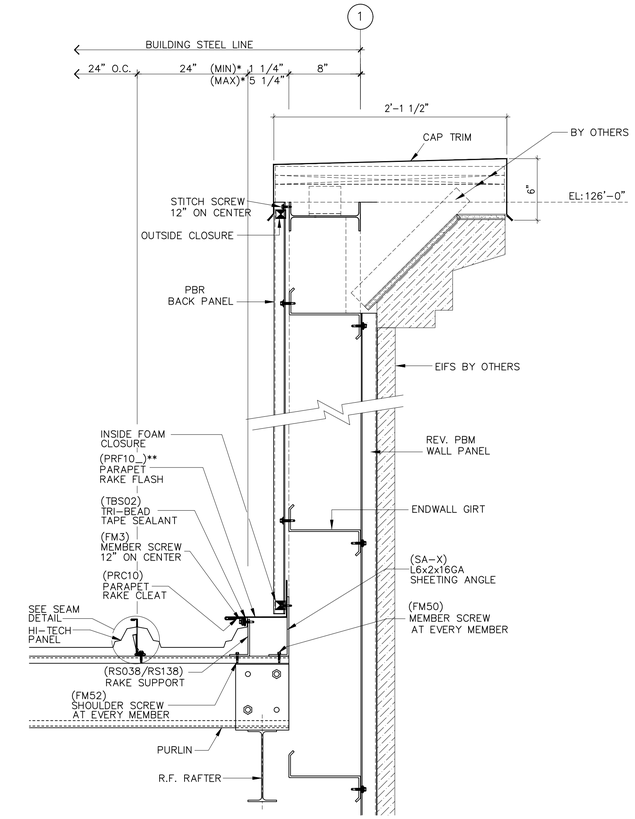


END CAP DETAIL



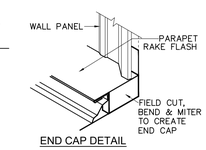
*MIN TO MAX DIMENSION IS AT 1" INCREMENT
**SUPPLY SPECIAL RAKE FLASH FOR DIM. >5 1/4"

1 RS26 SECTION THRU PARAPET END - FLOATING OFF MODULE

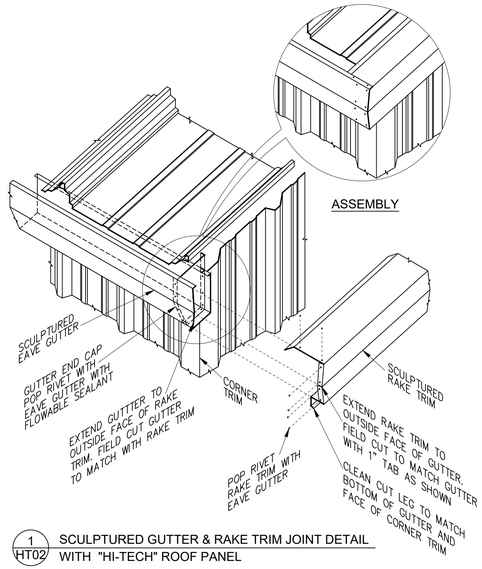


*MIN TO MAX DIMENSION IS AT 1" INCREMENT
**SUPPLY SPECIAL RAKE FLASH FOR DIM. >5 1/4"

1 RE24 SECTION THRU PARAPET END - FLOATING ON MODULE

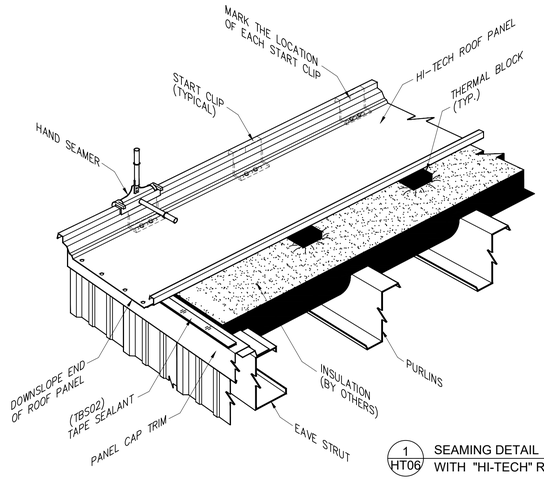


END CAP DETAIL



1 HT02 SCULPTURED GUTTER & RAKE TRIM JOINT DETAIL WITH "HI-TECH" ROOF PANEL

NOTE:
SEAM THE ROOF PANELS WITH MANUAL SEAMING TOOL AT ALL PANEL CLIPS, AT THE EAVE, AT THE RIDGE, AND AT THE END LAPS.



1 HT06 SEAMING DETAIL WITH "HI-TECH" ROOF PANEL

NOTE: SEAMER RENTAL AND WEATHERTIGHTNESS WARRANTY ARE EXCLUDED.

FOR PERMIT

1/14/22

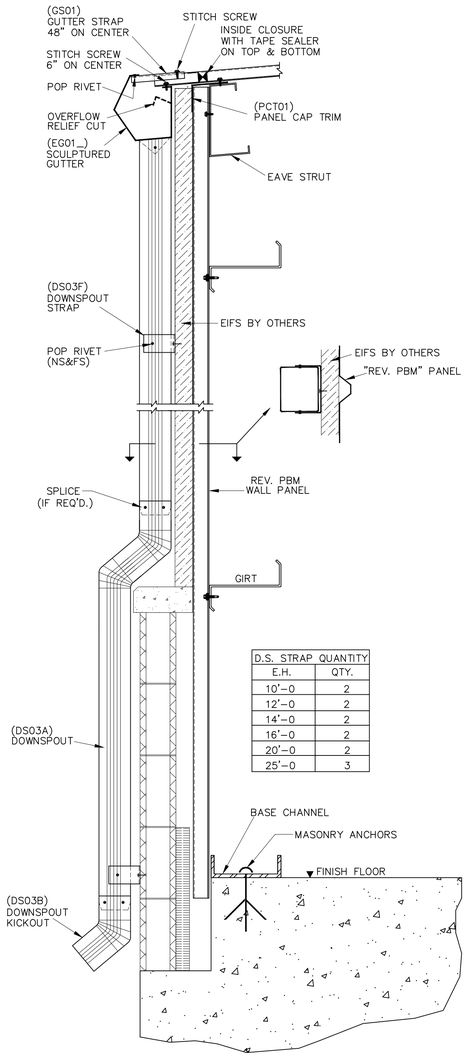
STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

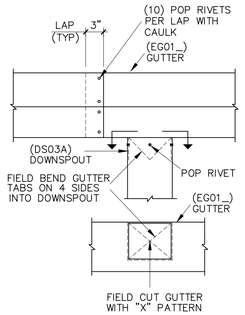
DESCRIPTION	DETAIL DRAWINGS		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.	JOB NO.	SCALE	DWG. NO.	ISSUE
71872	157337-38-39	N.T.S.	E17 OF 18	A

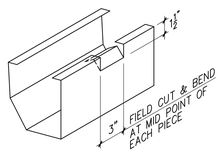


D.S. STRAP QUANTITY	
E.H.	QTY.
10'-0	2
12'-0	2
14'-0	2
16'-0	2
20'-0	2
25'-0	3

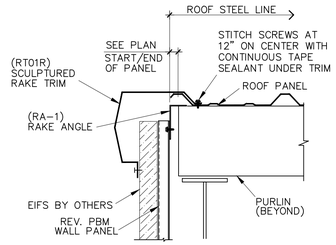
DOWNSPOUT & GUTTER DETAIL



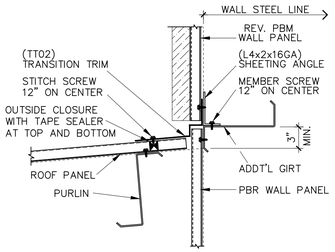
DOWNSPOUT TO GUTTER DETAIL



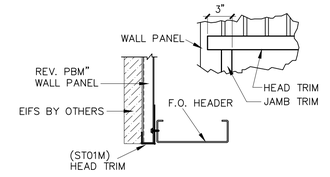
GUTTER OVERFLOW RELIEF



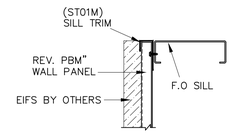
SCULPTURED RAKE DETAIL WITH SHEETED WALL "R" AND "PBR" ROOF PANEL



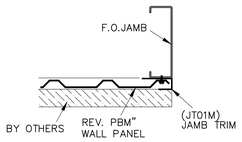
LEAN-TO ROOF TRANSITION DETAIL



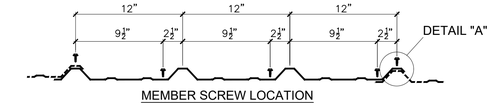
F.O. HEADER TRIM DETAIL



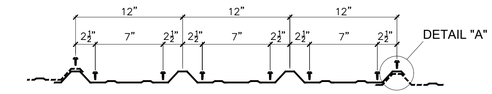
F.O. SILL TRIM DETAIL



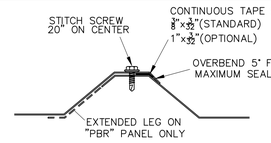
F.O. JAMB TRIM DETAIL



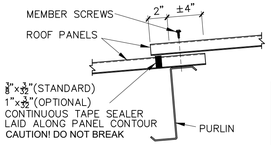
MEMBER SCREW LOCATION
FOR ALL MEMBERS UNLESS NOTED OTHERWISE



MEMBER SCREW LOCATION
FOR PEAK PURLIN, EAVE STRUT, AND PANEL END LAPS ONLY



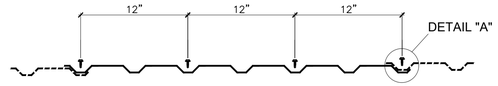
DETAIL "A"
TYP. SIDE LAP DETAIL



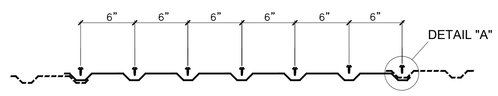
DETAIL "B"
TYP. PANEL END LAP DETAIL

NOTE!
SCREW PATTERNS SHOWN, SATISFY UL-90 REQUIREMENT FOR ROOF.

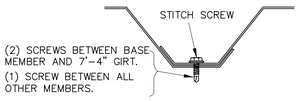
1 ST01 "R" and "PBR" ROOF PANEL SCREW LAYOUT



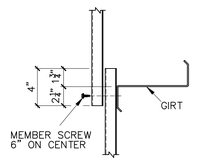
MEMBER SCREW LOCATION
FOR ALL MEMBERS UNLESS NOTED OTHERWISE



MEMBER SCREW LOCATION
FOR BASE, EAVE, RAKE, AND PANEL END LAPS ONLY

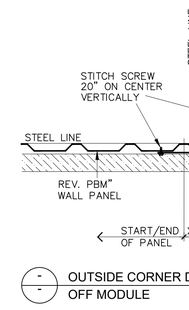


DETAIL "A"
TYP. SIDE LAP DETAIL

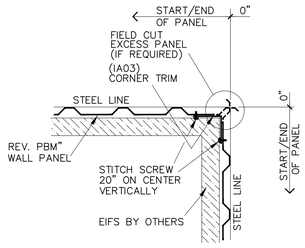


DETAIL "B"
TYP. PANEL END LAP DETAIL

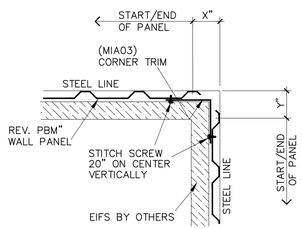
1 ST04A "M" AND "PBM" WALL PANEL SCREW LAYOUT REVERSE ROLLED



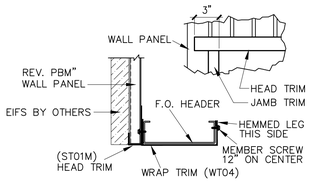
OUTSIDE CORNER DETAIL OFF MODULE



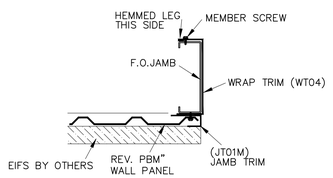
INSIDE CORNER DETAIL ON MODULE



INSIDE CORNER DETAIL OFF MODULE



F.O. HEADER TRIM DETAIL WITH WRAP TRIM (FOR OVERHEAD DOOR)



F.O. JAMB TRIM DETAIL WITH WRAP TRIM (FOR OVERHEAD DOOR)

FOR PERMIT

1/14/22

STATE OF MISSOURI
CARLITO M. DAYAG
NUMBER PE-2015003990
PROFESSIONAL ENGINEER

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	PERMIT/CONFIRMATION	01/13/22	RDA	RCR	JPL

RIGID GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	DETAIL DRAWINGS		
CUSTOMER	CROSS DEVELOPMENT LLC		
END USER	CALIBER COLLISION		
END USE	COMMERCIAL	BUILDING	A
STREET	710 SE BLUE PKWY		
CITY ST ZIP	LEES SUMMIT, MO 64002		

SALES NO.	JOB NO.	SCALE	DWG. NO.	ISSUE
71872	157337-38-39	N.T.S.	E18 OF 18	A