

## 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	ASTM Designation	Min. Yield Strength	Min. Tensile Strength
12			
MATERIALS			
Hot Rolled Steel Shapes (W, S, C & L)	A572/A529	Fy = 50 KSI	Ft = 60 KSI
Hot Rolled Steel Shapes (W)	A992	Fy = 50 KSI	Ft = 120 KSI
Round Structural Tubing (HSS)	A500	Fy = 42 KSI	Ft = 109 KSI
Square/Rect. Structural Tubing (HSS)	A500	Fy = 46 KSI	Ft = 109 KSI
Structural Steel Pipe (HSS)	A572/A529	Fy = 50 KSI	Ft = 60 KSI
Structural Steel Pipe (HSS)	A572/A529	Fy = 50 KSI	Ft = 60 KSI
Cold Formed Light Gauge Steel Beams	A955/A913	Fy = 45 KSI	Ft = 55 KSI
Cold Formed Light Gauge Steel	A972/A963	Fy = 50, 80 KSI	Ft = 60, 80 KSI
Round and Wall Shapes	A475		
Cable Braces	A36		
Round Braces			
Machine Bolts & Nuts	A307		
High Strength Bolts (1/2" and less)	A325-1 TYPE 1		
High Strength Bolts (1/2" to 1 1/2")	A325-1 TYPE 2		
Anchor Bolts (if supplied)	A307/A307F/1554 G-36		

- Shinjo primer paint is a fast inhibitive primer which meets the test performance of Federal Specification SSPC No. 15 and is R.C.B. Red or Gray Oxide color. This paint is not intended for long term exposure to the elements. R.C.B. is not responsible for any deterioration of the paint film. R.C.B. is not responsible for the use of this paint as a base or topcoats. R.C.B. shall not be responsible for any field applied paint and/or coatings. (Section 6.5 AISC Code of Standard Practice, 14th 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 0-1" A307 (unthreaded) EXCEPT:
- a) Elevator shaft connection - 1/2"Ø x 0-1-1/4" A307 without washer (unless noted otherwise)
  - b) Endwall roller supports - 5/8"Ø x 0-1-3/4" A325M with washer
  - c) Endwall roller supports - 5/8"Ø x 0-1-1/4" A325M without washer
  - d) Elevator shaft connection - 1/2"Ø x 0-1-1/4" A325M without washer
- SEE CROSS SECTION for dimensions.
- d) Main frame moment splice with washer.
- NOTE: One (1) washer is supplied on main frame moment splice and to A325 bolts unless noted otherwise on drawing.

- A1** bolt strength bolts are A325 unless specifically noted otherwise. Structural bolts shall be tightened by the turn-of-nut-out or calibrated wrench methods in accordance with the 15th Edition AISC/RISC Specification for Structural Joints using AISC/A325 or A349 Bolts. Washers are supplied separately from high strength bolts; however, assembly with washers are required before erection. Installation inspection is recommended, and be based on Section 9.1 and 9.2 of AISC/RISC.

- Snagging is permitted EXCEPT for the following conditions:
  - a) Building located in high seismic areas; Seismic Design Categories D, E, F
  - b) Building supporting machinery
  - 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 contract specifications

- 1.7 CLOSURE STRIPS ARE FURNISHED FOR APPLICATION.**

- Under continuous ridge vent skirts

- A1** 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.

- 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.

- 11 CORRECTIONS OF ERRORS AND REPAIRS (MIBIA 6.10)**  
**Claims for correction of alleged mislists will be disallowed unless R.G.B. mislist have received prior notice heard and allowed reasonable inspection of such mislists. The correction of minor mislists by the use of lift pins to draw the components into line, moderate amounts of grinding, chipping and cutting, and the replacement of minor shortages of material as a normal part of erection and are not subject to claim. No part of the building may be returned for alleged mislists without the prior approval of R.G.B.**

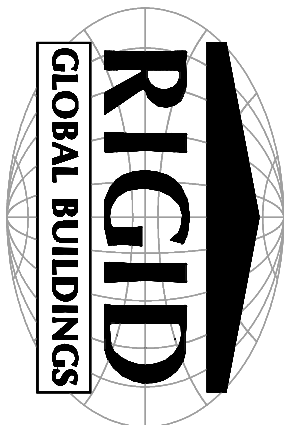
## BUYER/END USER CUSTOMER RESPONSIBILITIES

- 2.1 It is the responsibility of the BUYER/END USER 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.

- Required definitions (in *italics*) are related to *as R.O.B.* Standard specifications apply unless stipulated otherwise in the Contract Documents. *R.O.B.*, design, fabrication, quality criteria, standards, practice, methods and techniques shall govern the work with any other interpretations to the contrary notwithstanding. It is understood by both Parties that the BUYER/END USER/CUSTOMER is responsible to validate inclusions or exclusions from the architectural plans and/or specifications. In case of discrepancies between *as R.O.B.*, structural steel plans and plans for other trades, *R.O.B.*, plans shall govern. (Section, 3.AISC Code of Standard Practices, 13th 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 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.



## DRAWING PACKAGE

SALES NO.	67148	JOB NO.	144979	BUILDING	A
CUSTOMER	THOMPSON BUILDERS, LLC				
END USER	SALLEE DEVELOPMENT				
END USE	HANGAR				
STREET	2751 NE DOUGLAS ST. HANGAR V				
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
Enclosure	: Closed
Dead Load (psf)	: Metal building structure only by RGE
Collateral Load (psf)	: 3
Wind Load	
Basic Design Wind Speed	: V (3 sec. gust) = 110 mph
Allowable Stress Wind Speed	: V <sub>asd</sub> (3 sec. gust) = 85.2 mph
Risk Category	: II = Normal
Wind Exposure	: C
Enclosure Classification	: Closed
Internal Pressure Coefficient, GCPI	: +0.18/-0.18

Design Wind Pressure For Wall	: Based on Nominal Design Wind Speed
Components Wind Pressure	(psf)
Components Wind Suction	: +12.84
Claddings Wind Pressure	(psf)
Claddings Wind Suction	: +15.06
Live Load	: -16.32
Primary Framing (psf)	: 20.00
Trib. Area Reduction	: No
Secondary Framing (psf)	: 20.00
Snow Load	
Ground Snow Load, Pg (psf)	: 20
Roof Snow Load, P <sub>f</sub> (psf)	: 20
Sloped Roof Snow Load, P <sub>s</sub> (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, I <sub>e</sub>	: 1.00
Seismic Use Group	: II - Normal

Mapped Spectral Response Acceleration	Ss = 0.099	S1 = 0.068
Spectral Response Coefficients	Sds = 0.105	Sd1 = 0.107
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 = 3.48	Transverse = 3.50
Response Modification Factors, R	3.00	
Seismic Response Coefficient, Cs	0.035	
Analysis Procedure Used	Equivalent Lateral Force Procedure	
Rainfall Intensity (in/hr)	7	
Other Loads/Requirements:		
(1) BIFOLD DOOR ( BY SCHWEISS )	70'-0"	
DOOR CLEAR OPENING WIDTH	20'-0"	
DOOR CLEAR HEIGHT	70'-8"	
PLACEMENT OF BUILDING SIDE COLUMNS	70'-8"	

<u>BUILDING DESCRIPTION:</u>	
Width (ft)	: 125
Length (ft)	: 95
Eave Ht. at BSW (ft)	: 21.5
Eave Ht. at FSW (ft)	: 21.5
Roof Slope at BSW	: 2.0:.12
Roof Slope at FSW	: 2.0:.12
Bay Spacing (ft)	: 4 at 23.75

### COVERING AND TRIMS:

Panel Type	: 26 Ga. PBR
Panel Color	: GWM, Plus
Trim Colors	
Eave Trim	: Solar White
Eave Gutter	: Solar White
Gable Trim	: Solar White
Wall Panel & Trims	
Panel Type	: 26 Ga. PBR
Panel Color	: Light Stone
Trim Colors	
Corner Trims	: Solar White
Opening Trims	: Solar White
Downspouts	: Solar White
Base Trim	: Solar White
Mas. Flash	: None
Special Requirements	: NONE

**FOR  
PERMIT**

- The BUYER/END USER CUSTOMER is responsible for overall project coordination, 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 USER 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, 13th Edition).

- It is the responsibility of the BUYER/END USER 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 the 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 USER/CUSTOMER is responsible for selling of anchor bolts and erection of steel in accordance with R.G.B. "For Construction" drawings only. Temporary supports such as gyps, 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, 15th Edition.)

- 2.9 Right of Civil Buildings is responsible for the design of the anchor bolt to permit the transfer of forces between the base plate of 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. **Under no condition shall the design of the anchor bolt be the responsibility of the Engineer in the Other 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 USER 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 architect/engineer/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 2012 Edition)

- Nonlinear elastic operators induce the solution of nonlinear systems by iterative methods. The iterative solution of the linear systems involves the drawing of elements into the line through the use of shift rules. 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 USER/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 ASCE Code of Standard Practice, 15th Edition)

- Neither the fabricator nor the BUYER/END USE CUSTOMER will call, call 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, 15th Edition)

- WARNING** In no case should Galvalume steel panels be used in conjunction with lead or copper. Both lead and copper have 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.

- 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.

- 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.

- 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.

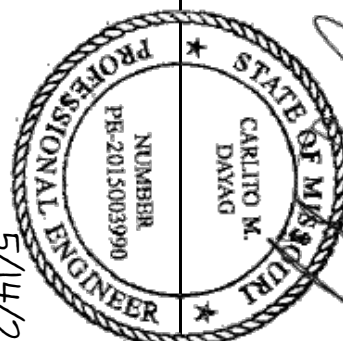
ROOF SNOW LOAD (IN PSF)	EQUIVALENT SNOW HEIGHT AT ROOF (IN INCHES)	RECOMMENDED SNOW HEIGHT WHEN SNOW REMOVAL SHOULD START (IN INCHES)
20	16.60	8.30
30	17.90	8.95
40	19.20	9.60
50	20.50	10.25
60	21.80	10.90
70	23.10	11.55
80	24.40	12.20

NOTE: For Snow/Ice Removal Procedure, Refer to Metal Building System Manual 2012 Edition, Section A3.5, Page A355

For Snow/Ice Removal Procedure, Refer to Metal Building System Manual 2012 Edition  
Section A9.4 Para A-50

**For Snow/Ice Removal**  
 Section A9.4 Page A-50

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.



# UNLOADING, HANDLING AND STORING OF MATERIALS

## STRUCTURAL

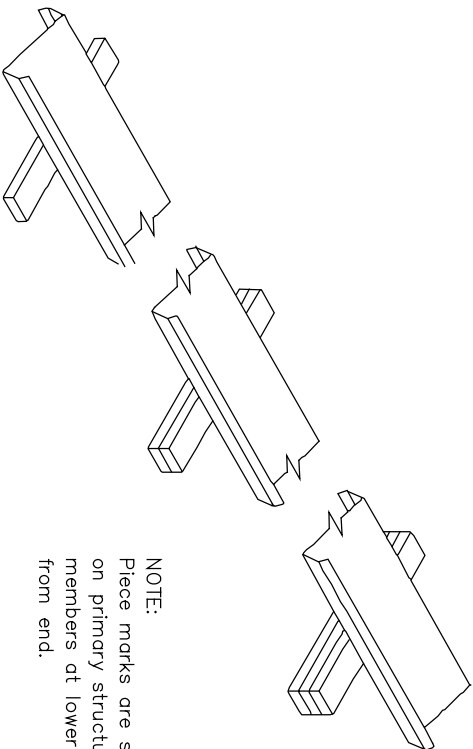
A great amount of time and trouble can be saved if the building site is according to a pre-arranged plan. Proper location and handling of components will eliminate unnecessary handling.

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.

All Primer should be touched up as required before erection!



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.

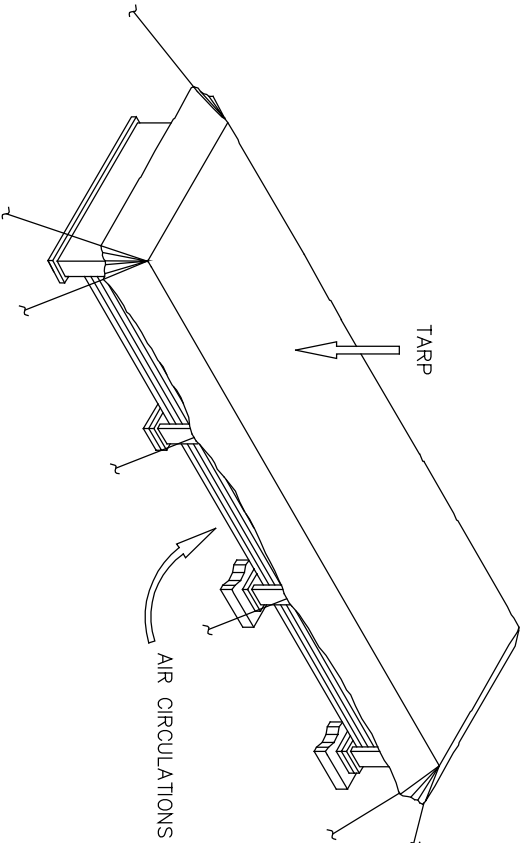
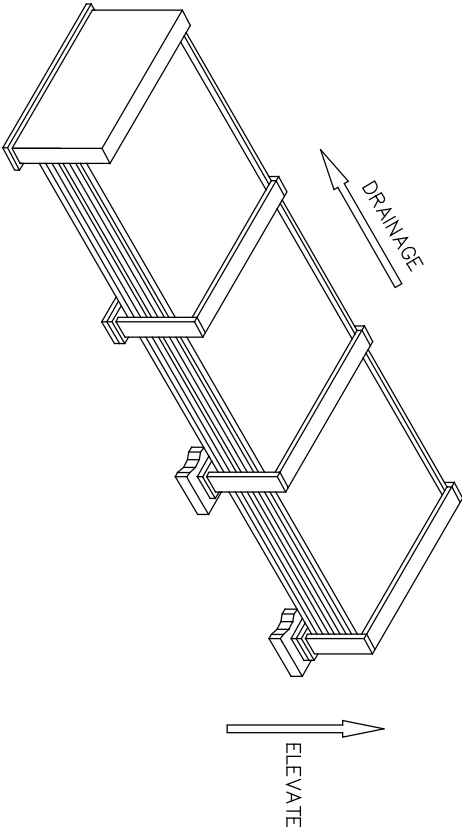
Under no circumstances should panels be handled roughly. Packages of sheets should be lifted off the truck with extreme care taken to insure that no damage occurs to ends of the sheets or to side ribs. The packages should be stored off the ground sufficiently high to allow air circulation underneath 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 safety 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, lift, rather than slide, them apart. 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!! Safety first!

- GENERAL NOTE:
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.

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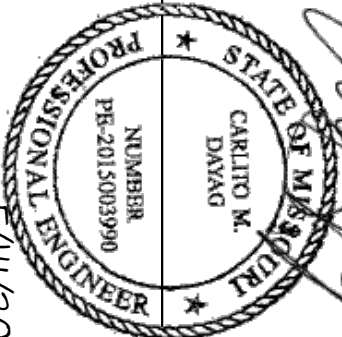
SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER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

DESIGNER: THOMPSON BUILDERS, LLC

SHEET NO. 67148 JOB NO. 144979

REVISION: A

SHEET NO. C2 OF 2 SCALE: A

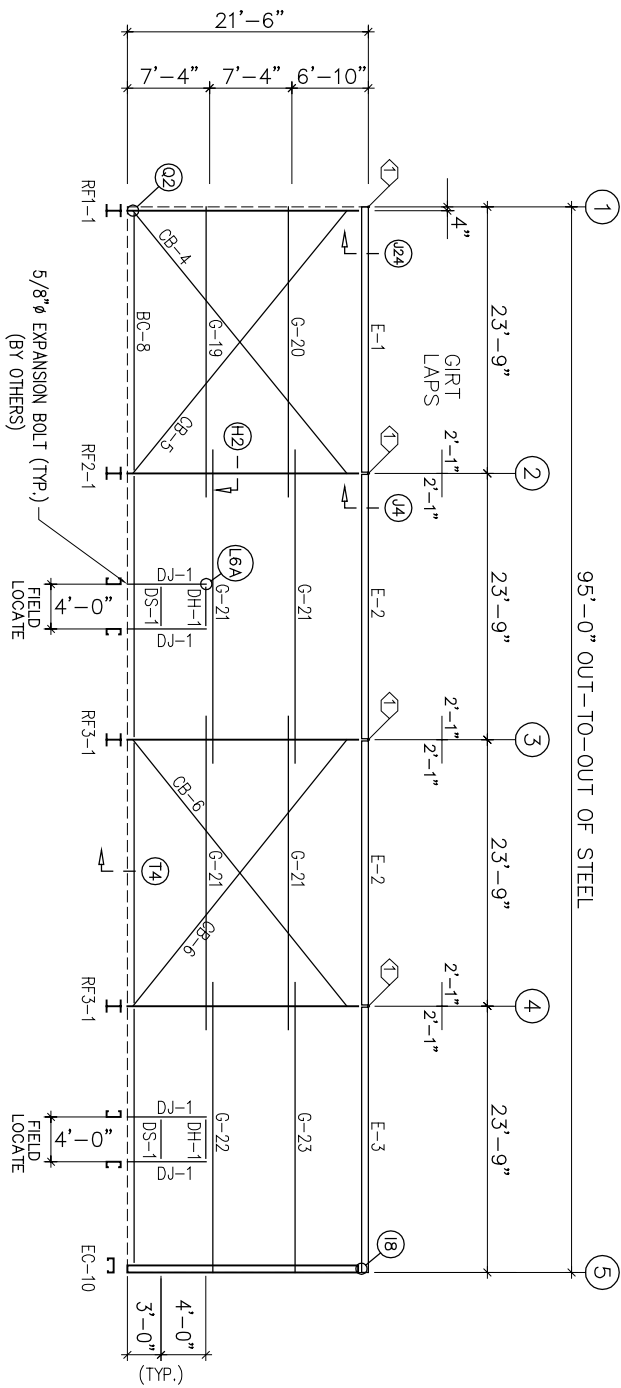




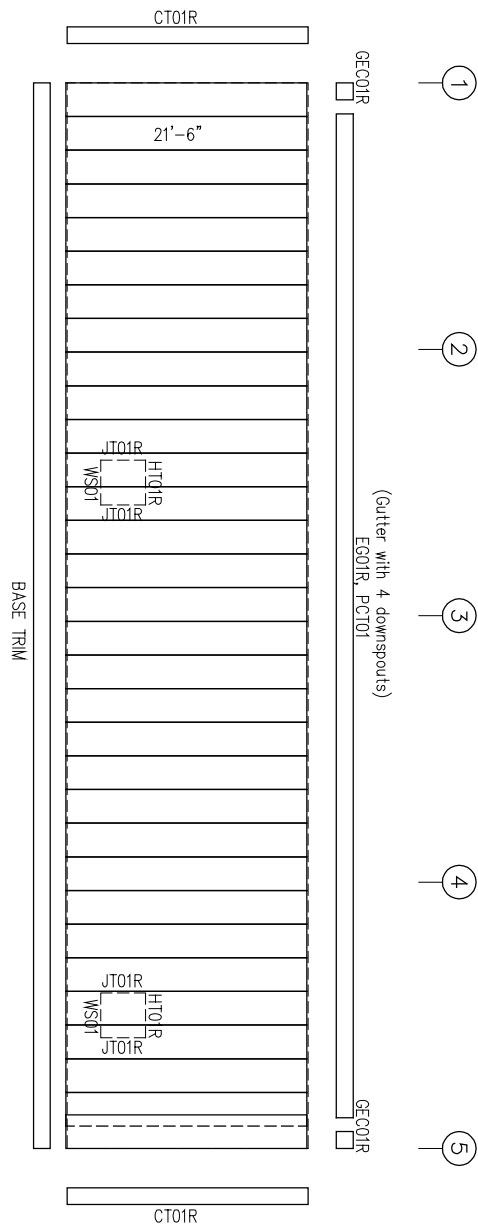


SPECIAL BOLTS			
ROOF PLAN			
Q ID	QUAN	TYPE	DIA. LENGTH WASH
1	8	A325	1/2" 1 1/4" 0
	W/ EAVE PLATE		

MEMBER TABLE FRAME LINE A	
MARK	PART
DJ-1	8x25C16
DH-1	B.T. PLATE
DS-1	8x25C16
E-1	L8ES14
E-2	L8ES14
E-3	L8ES16
G-19	8x25Z12
G-20	8x25Z14
G-21	8x25Z16
G-22	8x25Z14
G-23	8x25Z14
CB-4	CB0500
CB-5	CB0500
CB-6	CB0500




## SIDEWALL FRAMING: FRAME LINE A

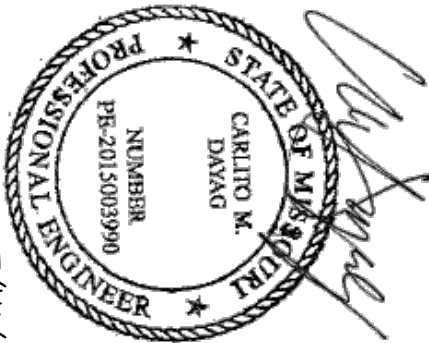


**SIDEWALL SHEETING & TRIM: FRAME LINE A**

PANELS: 26 Ga. PBR – LT. STONE

ISSUE DESCRIPTION	DATE	DRN.	CHK.	DES.
A APPROVAL/PERMIT	06/16/20	RDA	RCR	JEM
 18933 Ashline Westlink Houston, Tx. 77073 Phone: (281) 443-0065 Fax: (281) 443-0064				
DESCRIPTION	SIDEWALL FRAMING AND SHEETING			
END USER	THOMPSON BUILDERS, LLC			
END USER	SALTEE DEVELOPMENT			
END USE	HANGAR	BUILDING	A	
STREET	2751 NE DOUGLAS ST. HANGAR V			
CITY ST ZIP	LEES SUMMIT, MO 64002			
SUBS. NO.	67148	SUBS. N.T.S.	DATE BUILT	E03 OF 13
				SUBS. A

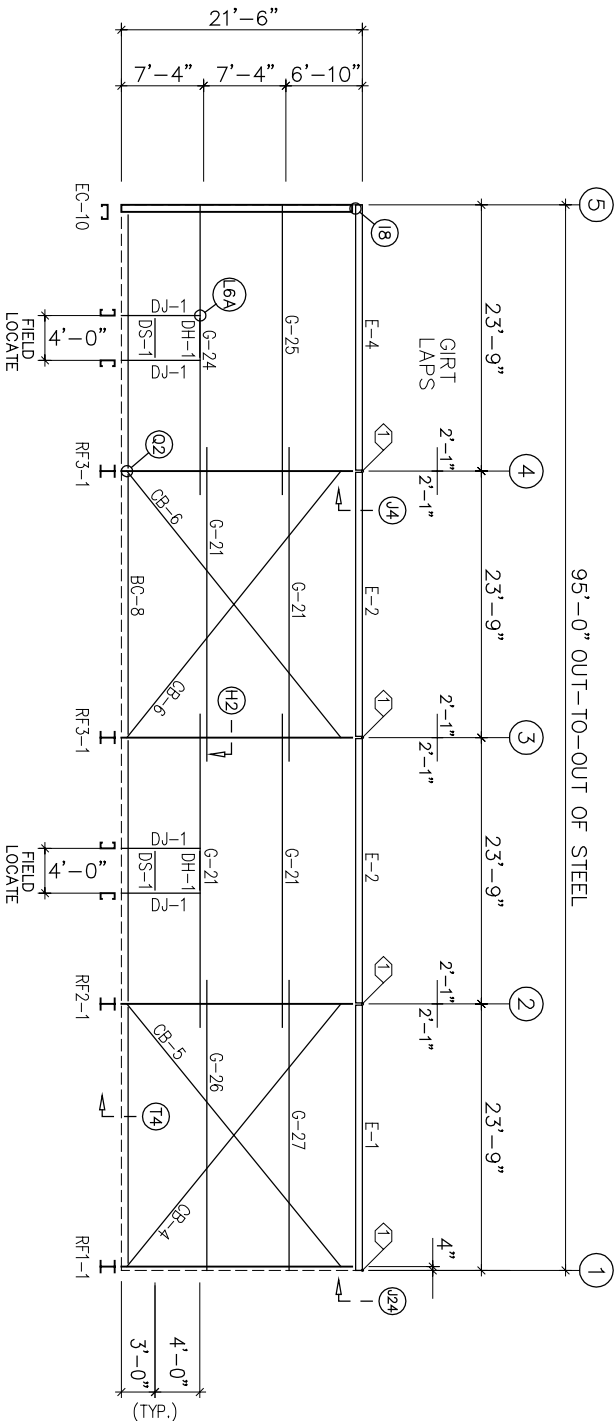
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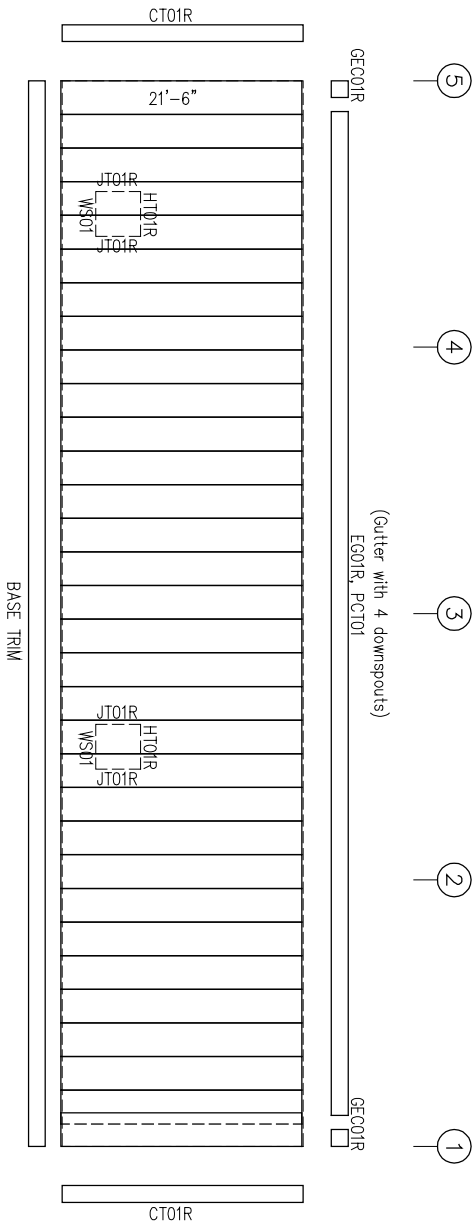
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SPECIAL BOLTS				
ROOF PLAN				
O ID	QUAN	TYPE	DIA	LENGTH WASH
1	8	A325	1/2"	1 1/4" 0
W/ EAVE PLATE				

MEMBER TABLE		
FRAME LINE M		
MARK	PART	
DJ-1	8x25C16	
DH-1	BT PLATE	
DS-1	8x25C16	
E-1	L8ES14	
E-2	L8ES14	
E-4	L8ES16	
G-21	8x25Z16	
G-24	8x25Z12	
G-25	8x25Z14	
G-26	8x25Z12	
G-27	8x25Z14	
CB-4	CB0500	
CB-5	CB0500	
CB-6	CB0500	



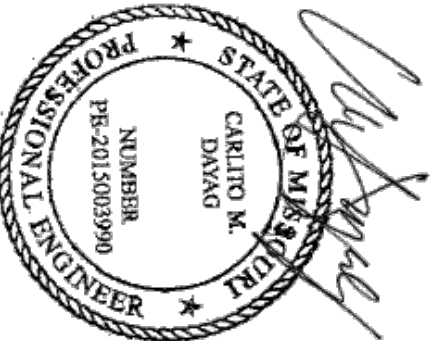
SIDEWALL FRAMING: FRAME LINE M




SIDEWALL SHEETING & TRIM: FRAME LINE M

PANELS: 26 Ga. PBR – LT. STONE

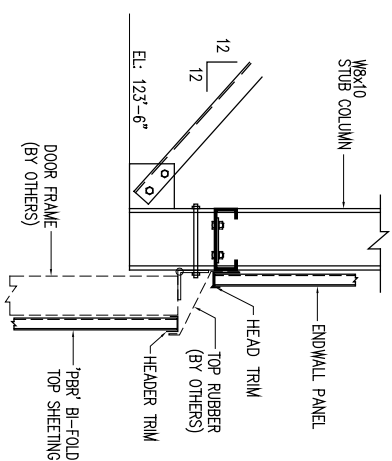
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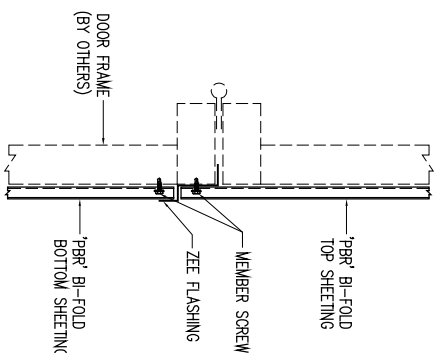
5/14/20

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	APPROVAL/PERMIT	05/15/20	RDA	RCR	JEM
<div><div><div><div><div><div></div><div>GLOBAL BUILDINGS</div></div></div><div><div>18933 Alshire Westfield</div><div>Houston, Tx, 77073</div><div>Phone : (281) 445-9065</div><div>Fax : (281) 445-9065</div></div></div></div></div>					
DESCRIPTION			SIDEWALL FRAMING AND SHEETING		
CUSTOMER			THOMPSON BUILDERS, LLC		
END USER			SALLEE DEVELOPMENT		
END USE			HANGAR		BUILDING
STREET			2751 NE DOUGLAS ST. HANGAR V		
CITY ST ZIP			LEES SUMMIT, MO 64002		
SHEET NO.			67148	SCALE	1/4" = 1'-0"
			DATE	N.T.S.	E04 OF 13
			DESIGNED BY	A	

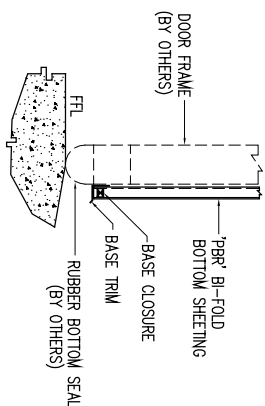




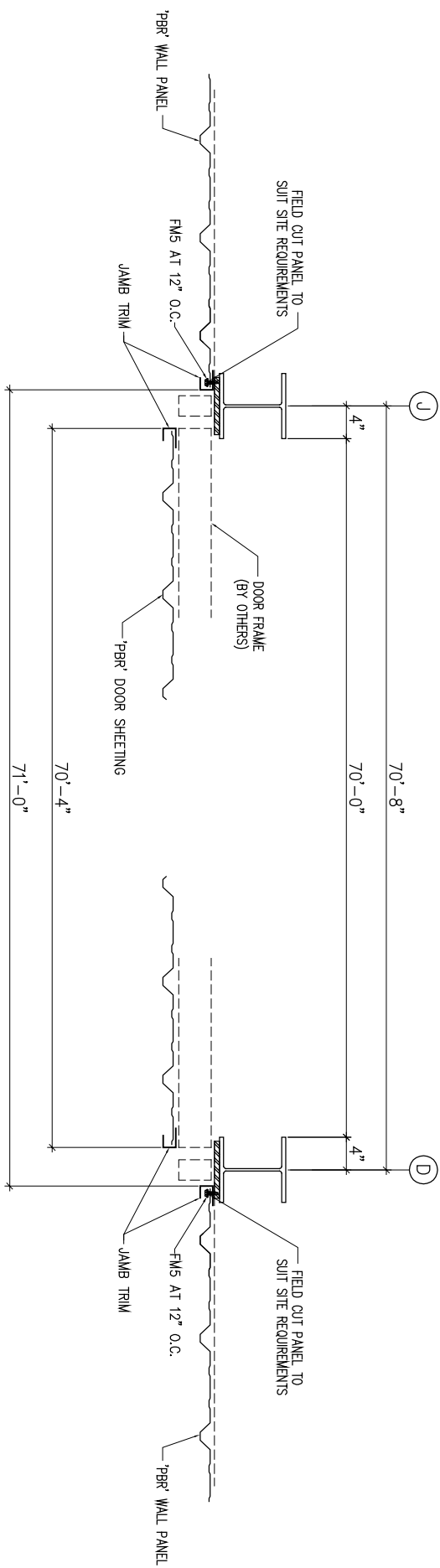
## 'SECTION - W



## SECTION - X




## SECTION - Y



## SECTION - Z-Z

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
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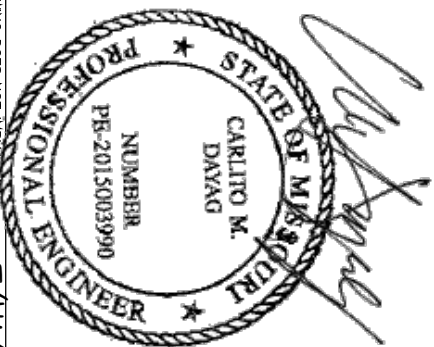


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Phone: (281) 443-9065  
Fax: (281) 443-9064

DESCRIPTION		DETAIL DRAWINGS	
CUSTOMER	THOMPSON BUILDERS, LLC		
END USER	SALLIE DEVELOPMENT		
END USE	HANGAR	BUILDING	A
STREET	2761 NE DOUGLAS ST. HANGAR V		
CITY ST ZIP	LEES SUMMIT, MO 64002		
281	144979	N.T.S.	E06 OF 13
282	67148		A

**FOR  
PERMIT**

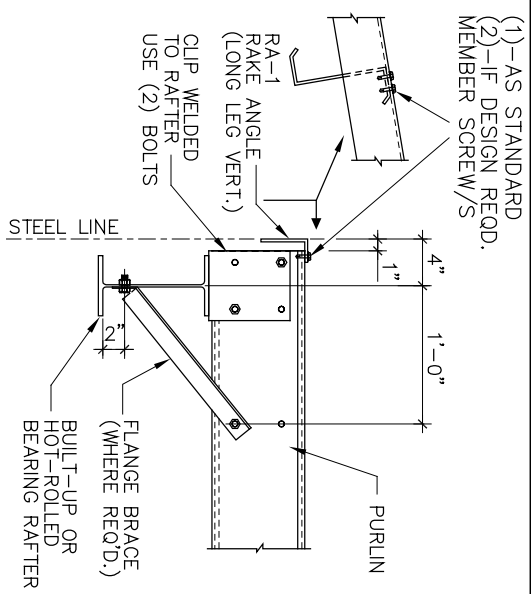
5/14/20



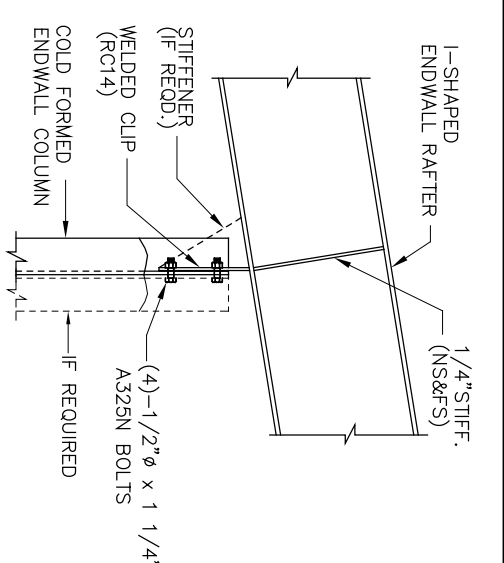




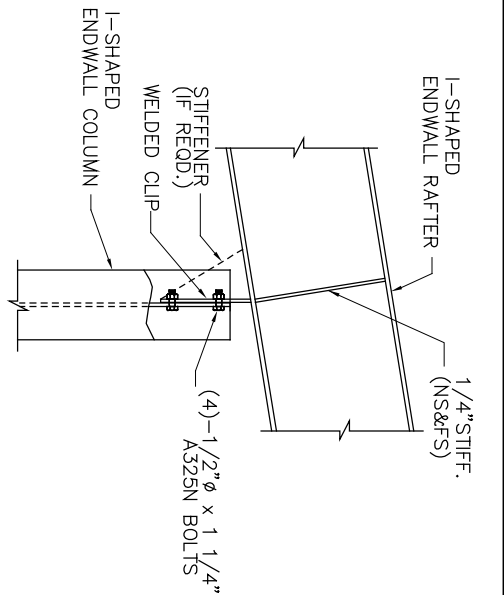




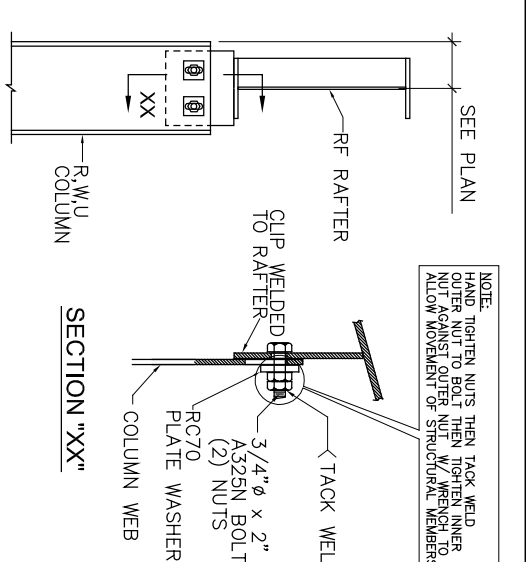
**A7** BEARING FRAME TO FLUSH ENDWALL  
ALL BOLTS ARE 1/2"  $\phi$  x 1" A307 U.N.



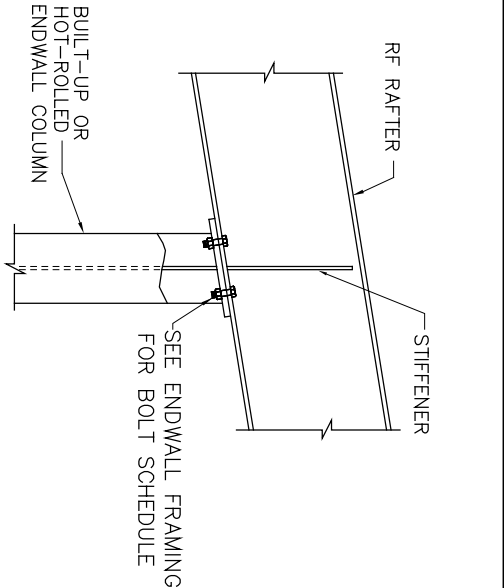
**B4** ENDWALL RAFTER TO COLUMN  
ALL BOLTS AS NOTED



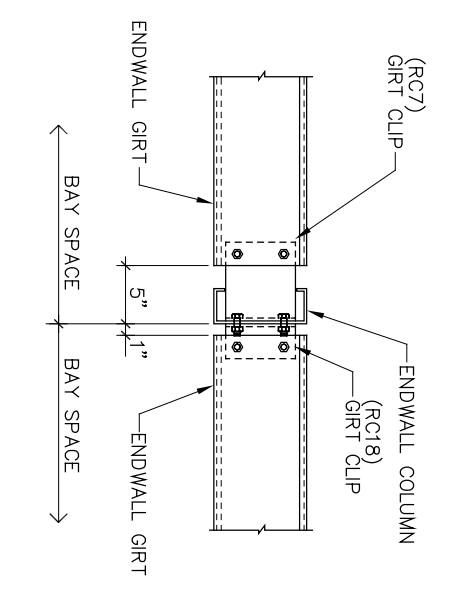
**B6** ENDWALL RAFTER TO COLUMN  
ALL BOLTS AS NOTED



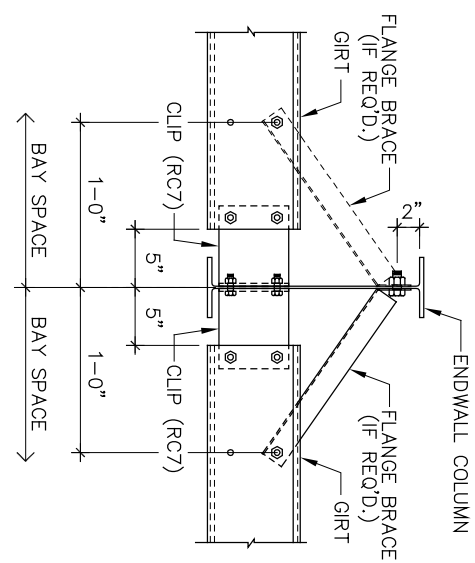
**B19** ENDWALL COLUMN TO RF RAFTER



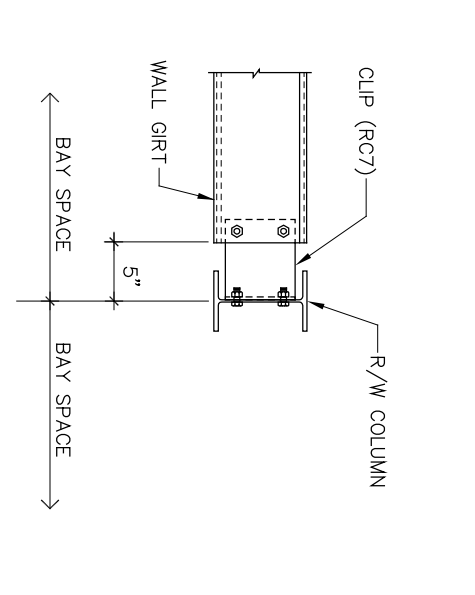
**B20** RF RAFTER TO EW COLUMN



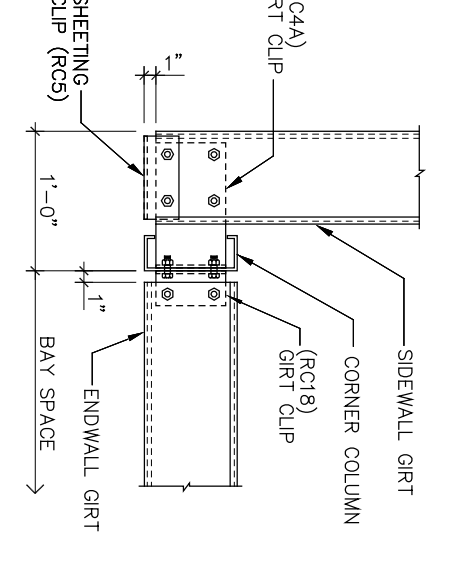
**C1** ENDWALL COLUMN TO WALL GIRT  
ALL BOLTS ARE 1/2"  $\phi$  x 1" A307 U.N.



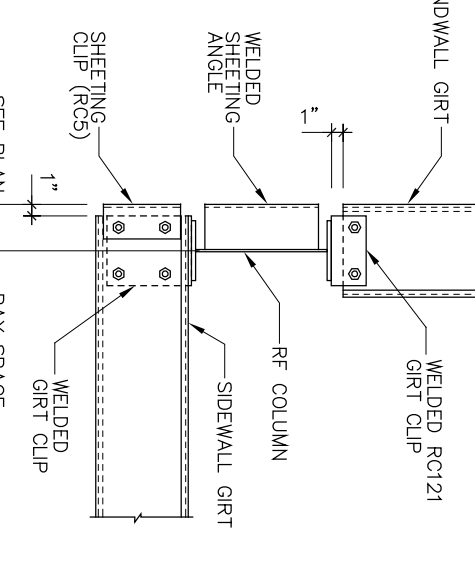
**C3** FLUSH GIRT TO ENDWALL COLUMN  
WITH BOLTED CLIP  
ALL BOLTS ARE 1/2"  $\phi$  x 1" A307 U.N.



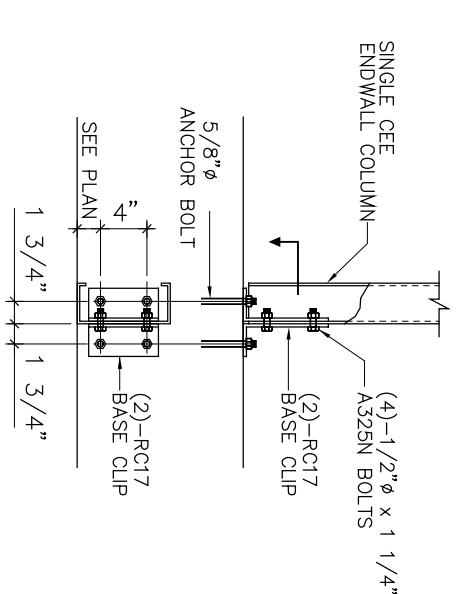
**C46** GIRT/HEADER BEAM TO RW COLUMN  
ALL BOLTS ARE 1/2"  $\phi$  x 1" A307 U.N.



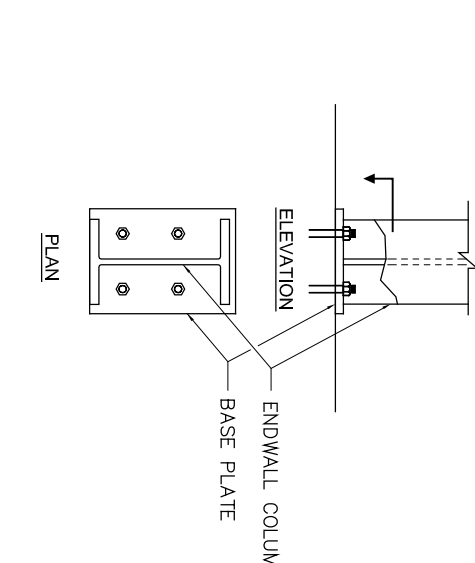
**D1** SINGLE CEE CORNER COLUMN  
ALL BOLTS ARE 1/2"  $\phi$  x 1" A307 U.N.



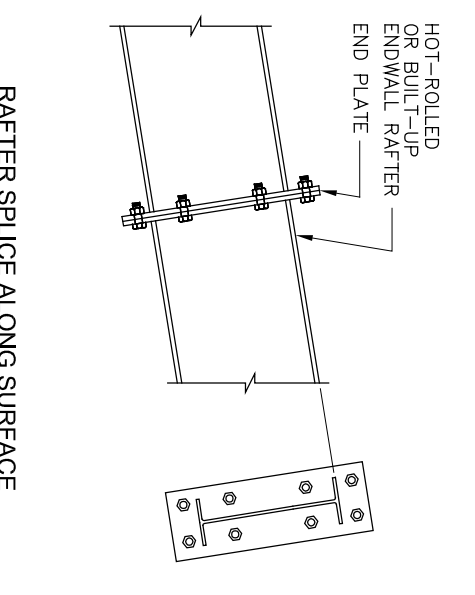
**D15** RF CORNER COLUMN TO WALL GIRT  
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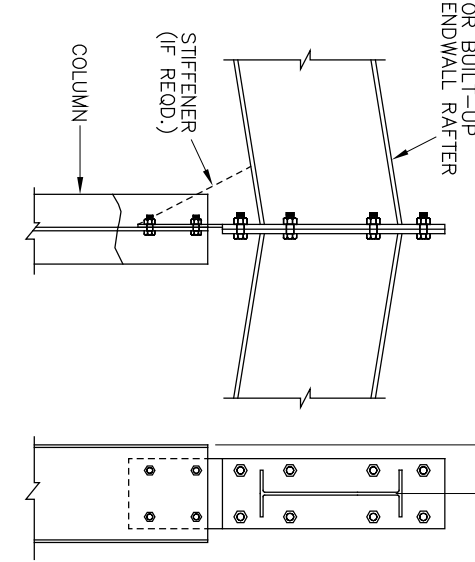
**E1** ENDWALL COLUMN BASE DETAIL  
ALL BOLTS AS NOTED



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

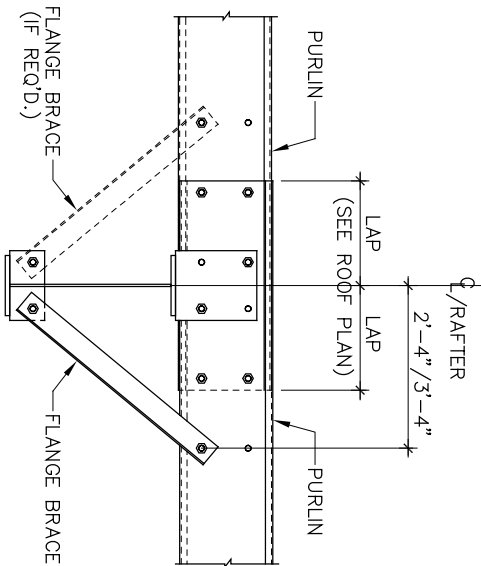


**F9** RAFTER SPLICE ALONG SURFACE  
HOT-ROLLED OR BUILT-UP RAFTER  
SEE ENDWALL FRAMING ELEV.  
FOR BOLT DIA AND TYPE.

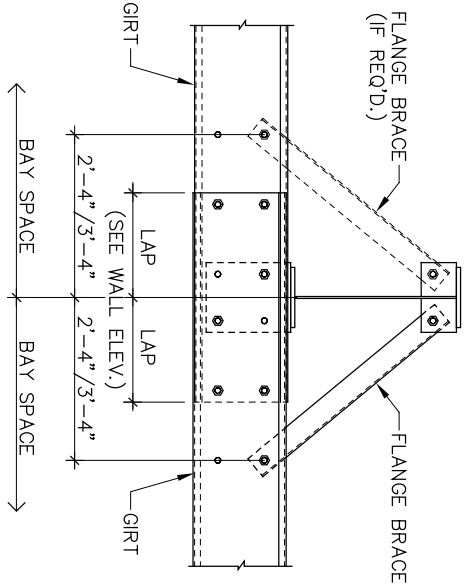


**F20** RAFTER SPLICE AT RIDGE WITH COLUMN  
SEE ENDWALL FRAMING ELEV.  
FOR BOLT DIA AND TYPE.

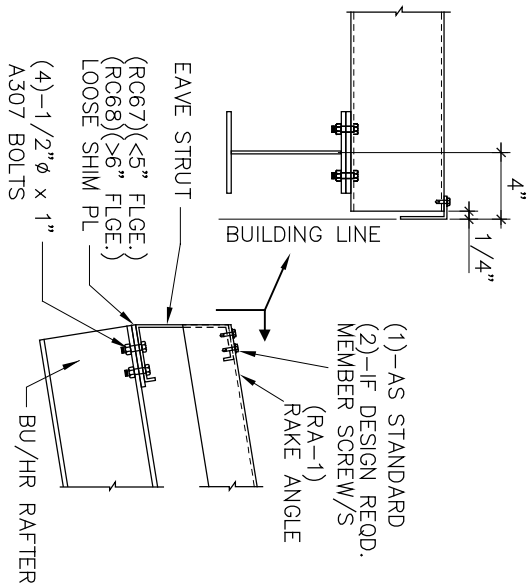
<div><div>FOR PERMIT</div><div><div>STATE OF MISSISSIPPI</div><div>CARLITO M. DAYAO</div><div>PROFESSIONAL ENGINEER</div><div>NUMBER PB-2015003990</div><div>5/14/20</div></div></div>				<div><div>SEALING OF THIS DRAWING DOES NOT CONSTITUTE THAT RIGID GLOBAL BUILDINGS OR THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY 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.</div></div>			
<div><div>DESCRIPTION</div><div>DETAIL DRAWINGS</div></div>				<div><div>CUSTOMER</div><div>THOMPSON BUILDERS, LLC</div></div>			
<div><div>END USER</div><div>SALLEE DEVELOPMENT</div></div>				<div><div>BUILDING</div><div>A</div></div>			
<div><div>STREET</div><div>2751 NE DOUGLAS ST. HANGAR V</div></div>				<div><div>CITY ST ZIP</div><div>LEES SUMMIT, MO 64002</div></div>			
<div><div>905 No. 67148</div><div>144979</div><div>N.I.T.S.</div><div>E10 OF 13</div><div>A</div></div>				<div><div>18933 Airline Westfield</div><div>Houston, TX, 77073</div><div>Phone : (281) 445-5065</div><div>Fax : (281) 445-5065</div></div>			
<div><div>ISSUE DESCRIPTION</div><div>DATE</div><div>DRN</div><div>CHK.</div><div>DES.</div></div>				<div><div>A</div><div>APPROVAL/PERMIT</div><div>05/15/20</div><div>RDA</div><div>RCR</div><div>JEM</div></div>			
<div><div>RIGID GLOBAL BUILDINGS</div><div>18933 Airline Westfield</div><div>Houston, TX, 77073</div><div>Phone : (281) 445-5065</div><div>Fax : (281) 445-5065</div></div>							



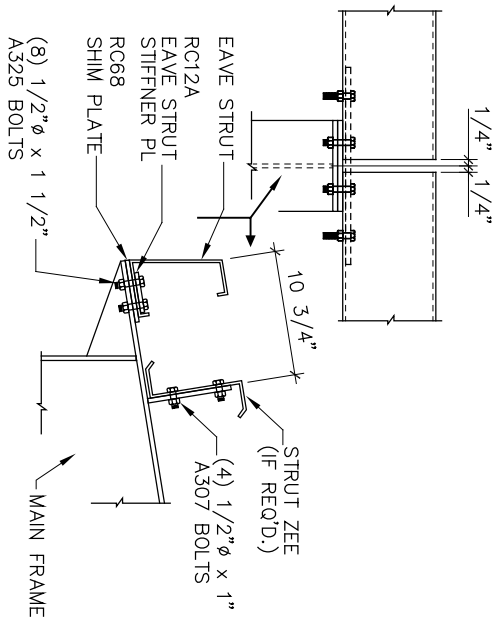
**G2** BY-PASS PURLIN TO RAFTER DETAIL  
ALL BOLTS ARE 1/2"φ x 1" A307 U.N.



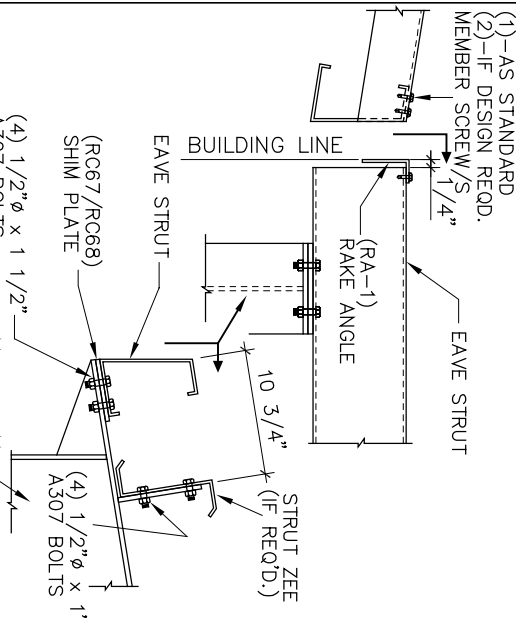
**H2** WALL GIRT TO RF COLUMN  
ALL BOLTS ARE 1/2"φ x 1" A307 U.N.



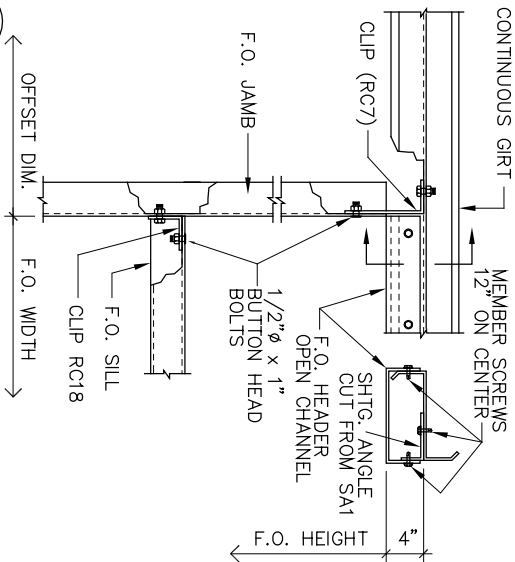
**I8** EAVE STRUT TO ENDWALL RAFTER  
LEDS



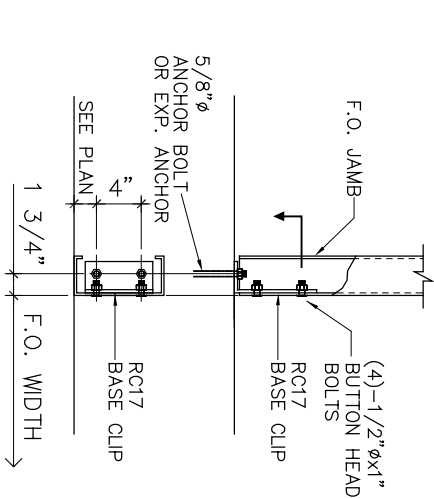
**J4** LOW EAVE DETAIL (BY-PASS CONDITION)  
WITH EAVE STRUT STIFFENER PLATE  
AT INTERIOR FRAME



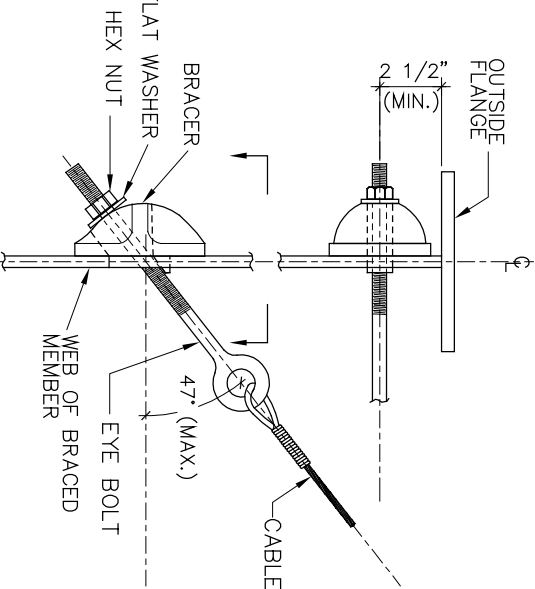
**J24** LOW EAVE DETAIL (BY-PASS CONDITION)  
AT END FRAME



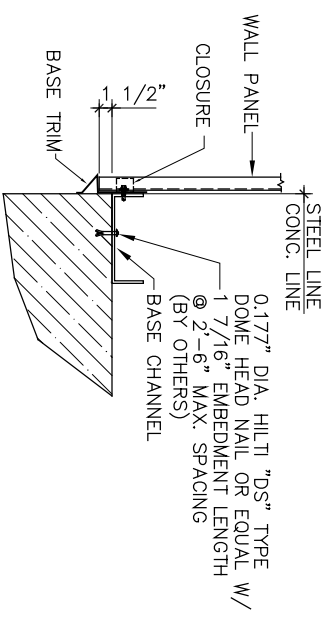
**L6A** F.O. JAMB TO GIRT  
ALL BOLTS ARE 1/2"φ x 1" A307 U.N.



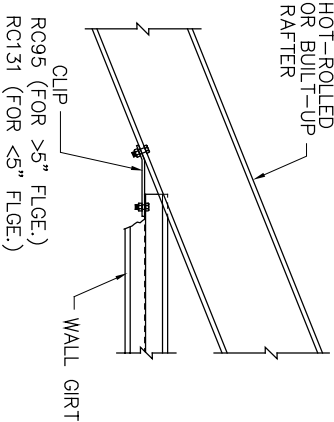
**E6** "FO" JAMB BASE DETAIL  
WITH BOLTED BASE CLIP



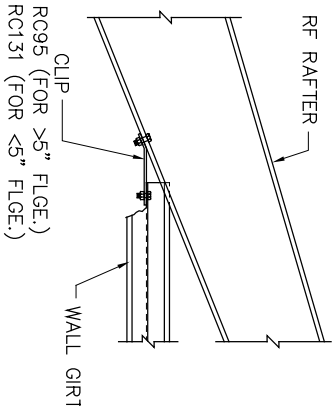
**Q2** CABLE BRACE CONNECTION DETAIL



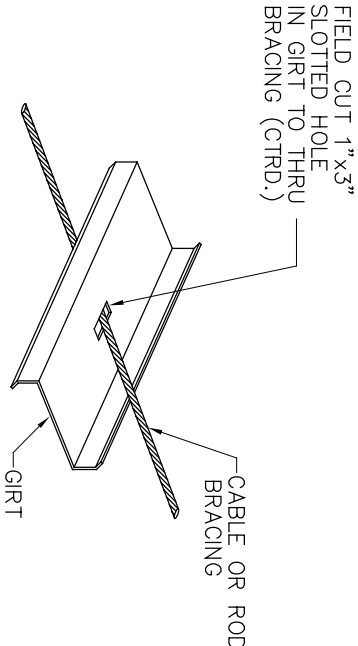
**T4** SECTION THRU WALL PANEL  
AND CONCRETE FOUNDATION



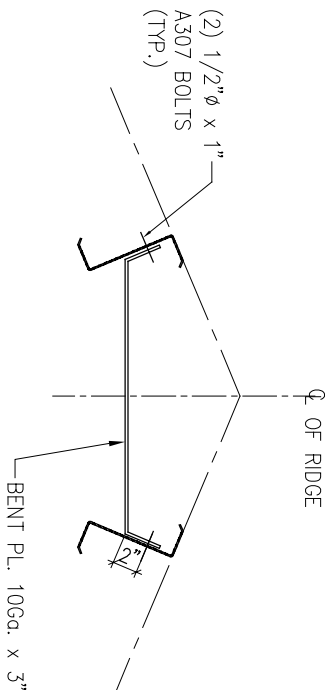
**W3** ENDWALL GIRT TO RAFTER CONNECTION  
ALL BOLTS ARE 1/2"φ x 1" A307 BOLTS



**W4** ENDWALL GIRT TO RAFTER CONNECTION  
ALL BOLTS ARE 1/2"φ x 1" A307



**TYP. CABLE BRACING  
DETAIL THRU GIRT**



**TYPICAL RIDGE TIE DETAIL**

**FOR  
PERMIT**

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A	APPROVAL/PERMIT	05/16/20	RDA	RCR	JEM



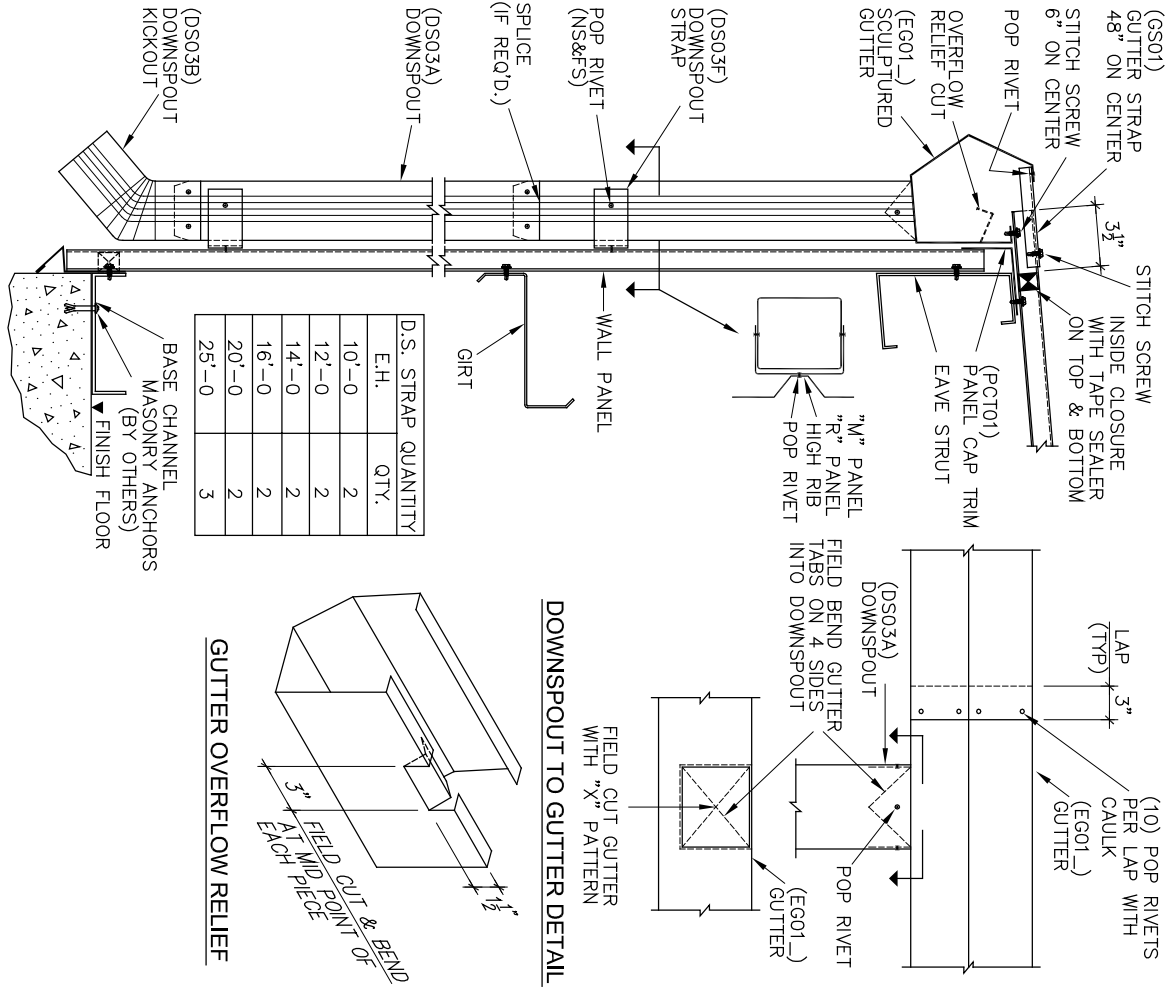
DESCRIPTION	DETAIL DRAWINGS
CUSTOMER	THOMPSON BUILDERS, LLC
END USER	SALLEE DEVELOPMENT
END USE	HANGAR
STREET	2751 NE DOUGLAS ST. HANGAR V
CITY ST ZIP	LEES SUMMIT, MO 64002
SUB NO.	67148
REV.	144979
DATE	N.I.T.S.
SCALE	E11 OF 13
DATE	A

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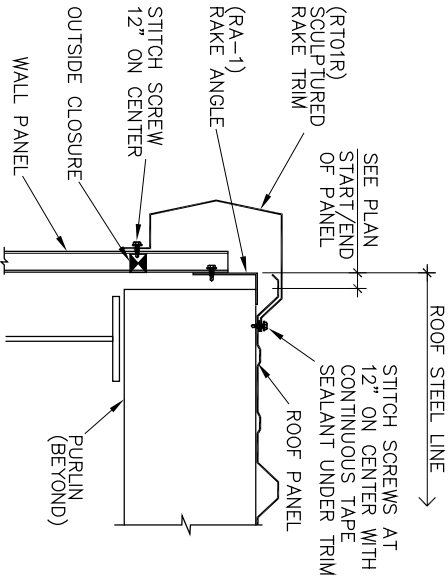
**FOR  
PERMIT**

**5/14/20**

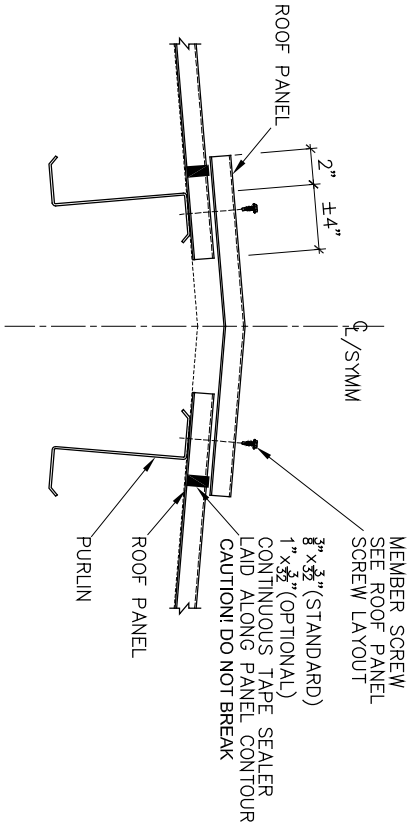
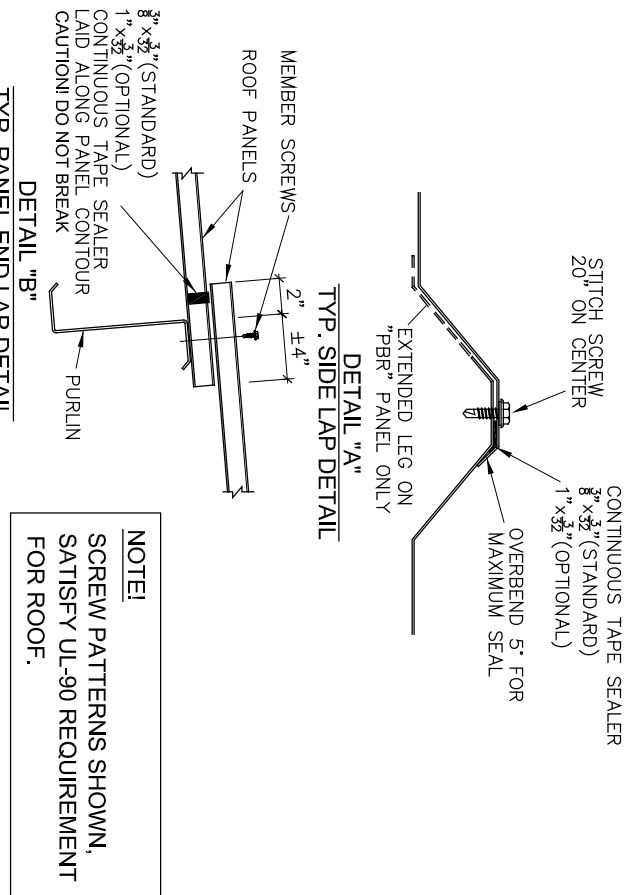
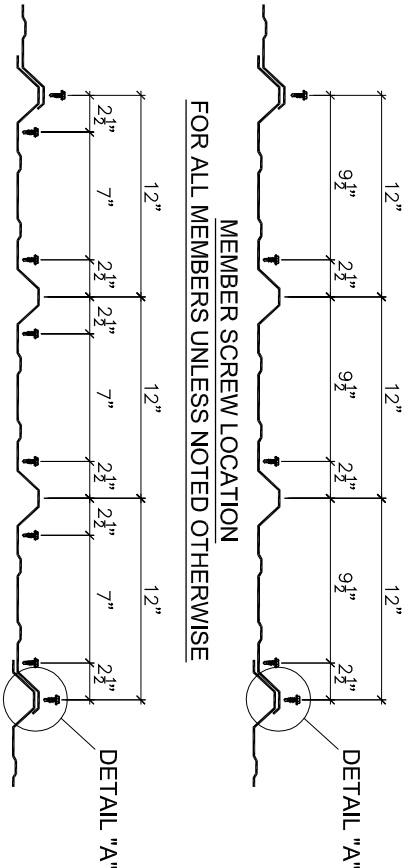
**CARLITO M. DAMAG**  
PROFESSIONAL ENGINEER  
NUMBER PE-2015003990



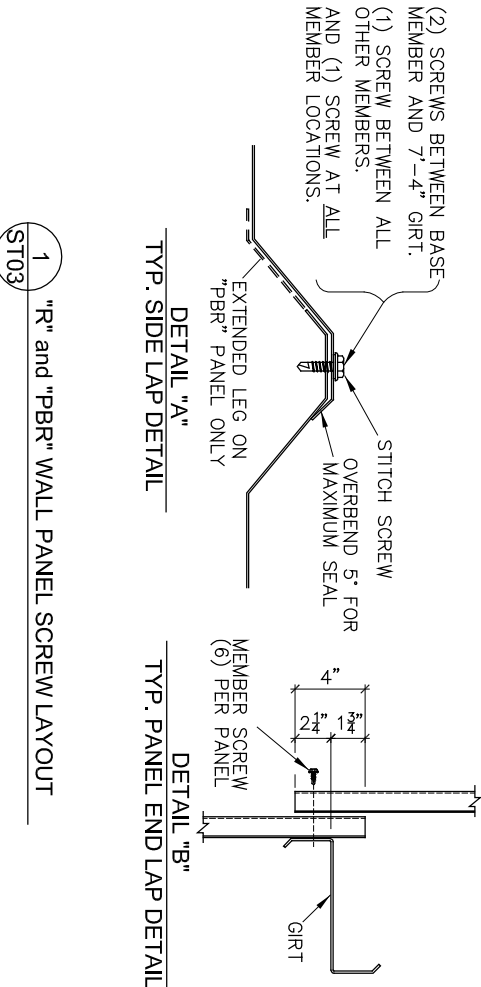
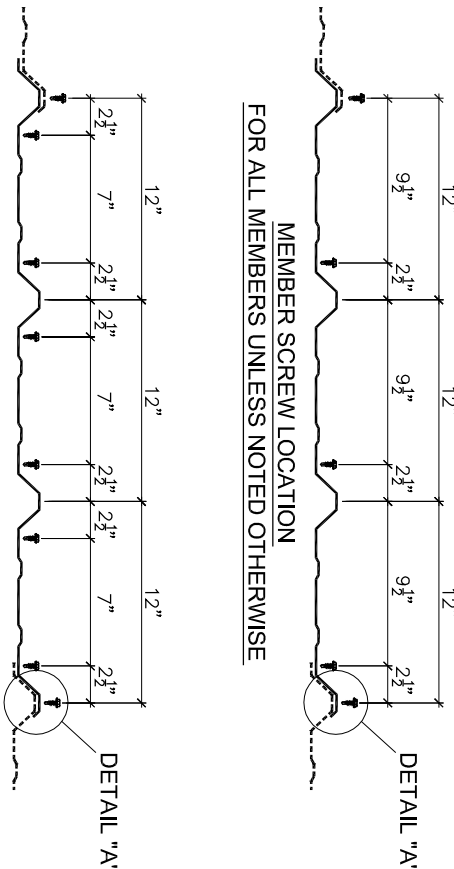
1 DOWNSPOUT & GUTTER DETAIL  
ST06 WITH FULLY SHEETED WALL



1 SCULPTURED RAKE DETAIL WITH SHEETED WALL  
ST55 "R" AND "PBR" ROOF PANEL

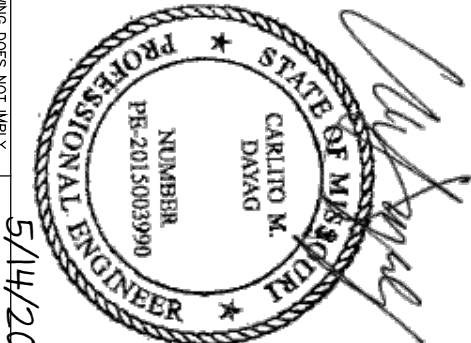


1 PEAK PANEL DETAIL  
ST52

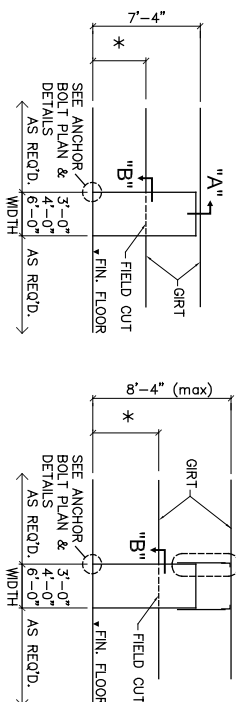
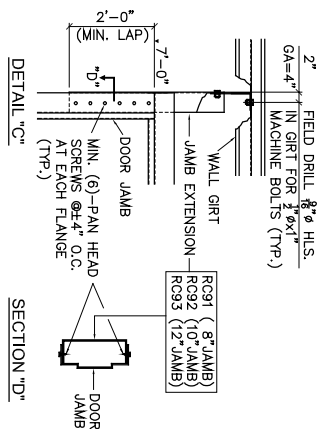
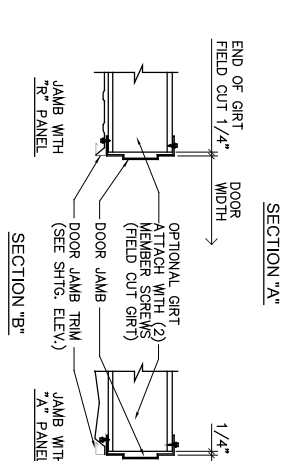
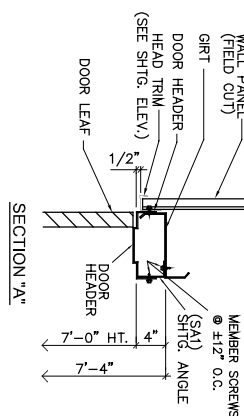
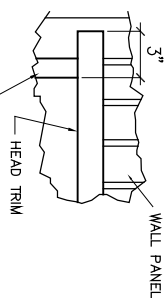
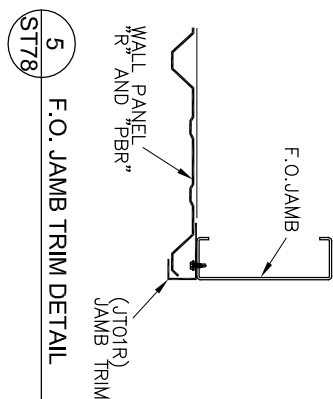
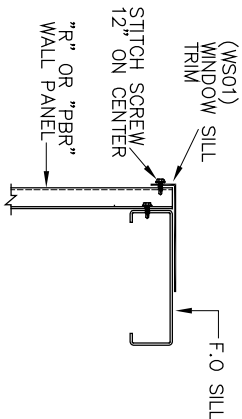
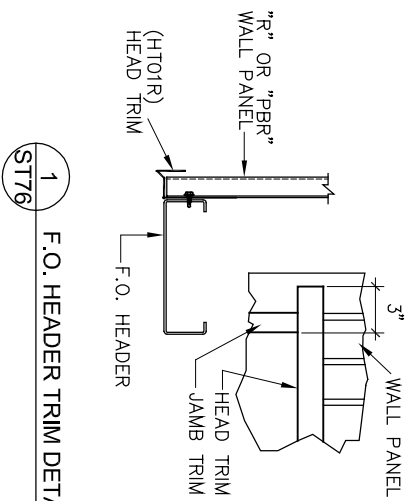
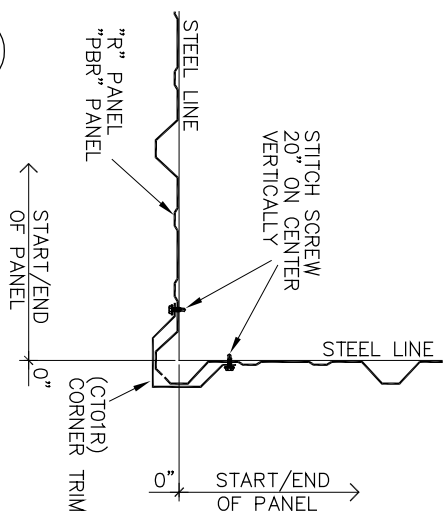
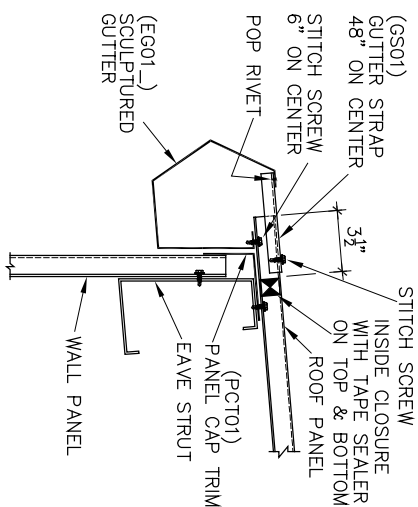
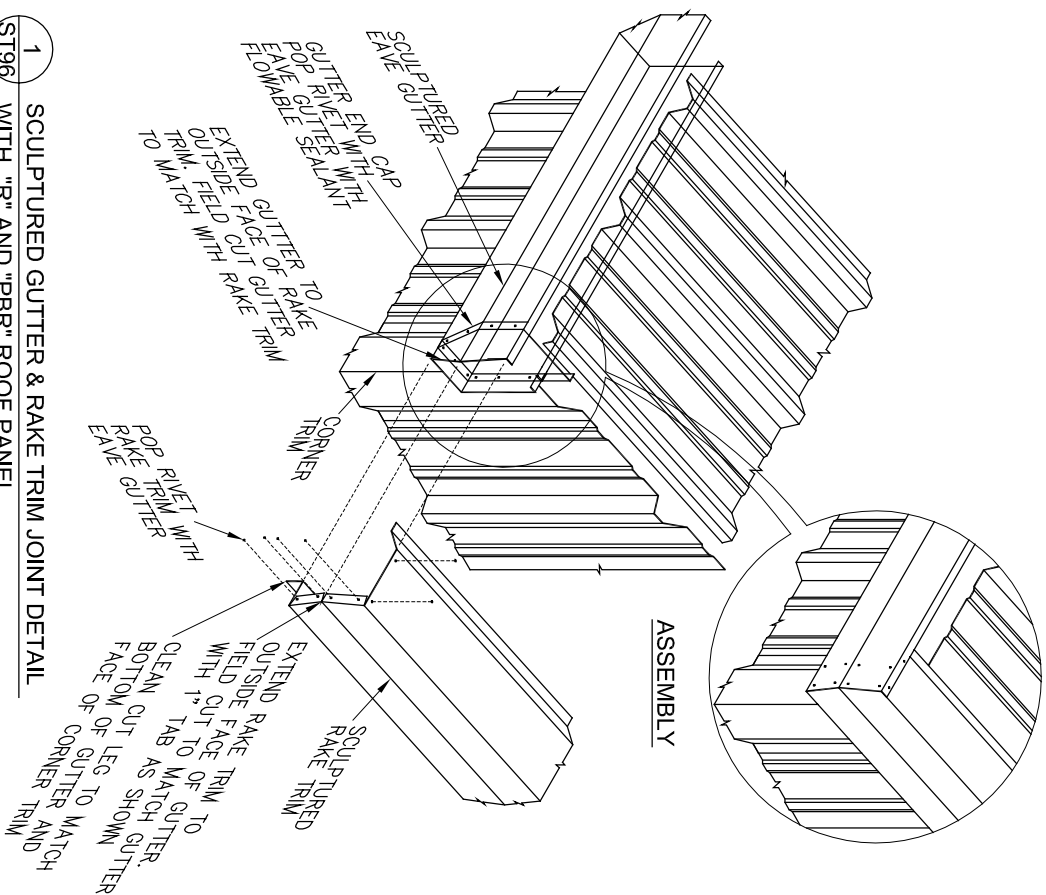


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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	APPROVAL/PERMIT	05/15/20	RDA	RCR	JEM
<div><div><div><div><div><div><b>RIGID</b></div><div>GLOBAL BUILDINGS</div></div></div><div><div><div><div><div>18933 Arline Westfield</div><div>Houston, TX, 77073</div><div>Phone : (281) 445-9065</div><div>Fax : (281) 445-9064</div></div></div><div><div><div>FOR PERMIT</div></div></div></div></div></div></div></div>					
DESCRIPTION	DETAIL DRAWINGS				
CUSTOMER	THOMPSON BUILDERS, LLC				
END USER	SALLEE DEVELOPMENT				
END USE	HANGAR				
STREET	2751 NE DOUGLAS ST. HANGAR V				
CITY ST ZIP	LEES SUMMIT, MO 64002				
SUB NO.	67148	REV.	144979	SCALE	N.T.S.
				DATE	5/12 OF 13
					A



## NOTES

1. FOR 3070, 4070, 6070 WALK DOORS ONLY  
2. ALL DOORS ARE FIELD LOCATED UNLESS SHOWN IN A.B. PL.  
3. \*- DIMENSION VARIES. SEE WALL ELEVATION IF REQUIRED.

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7" WAIL BAND

Diagram of a wall panel. A vertical line is labeled 'C' and a horizontal line is labeled 'A'.

## INSTALLATION PROCEDURE

1. Place head section and jamba on flat surface (floor) with door side up. Install bolts and nuts connecting head to jamba. Be sure that head is tight to jamba so that the proper door opening is obtained.
2. Install door leaf in frame, check for 1/8" clearance at head and 3/32" clearance at side of jamba.

2. Install door leaf in frame, check for 1/8" clearance at head and 3/32" clearance at stricker jamb.

3. Tilt up the entire assembly and anchor hinge

Plumb hinge jamb and assembly. Field cut girts if req

#### 4. Anchor head and striker jamb to building structure, floor

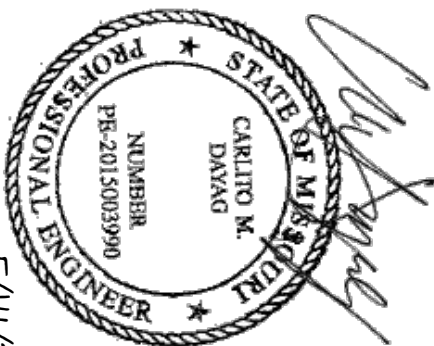
and enter frame to panel skins (field cut). Install optional threshold anchor if desired. Install jamb extensions (if req'd).

5. Install lockset. Install (optional) weatherstrip, head member first. Adjust so that only just contacts door when in the closed position. Do not force up against door as this will interfere with the latching and will not improve the weather seal.

6. Refer also to Door Manufacturer Installation Manual for more details.

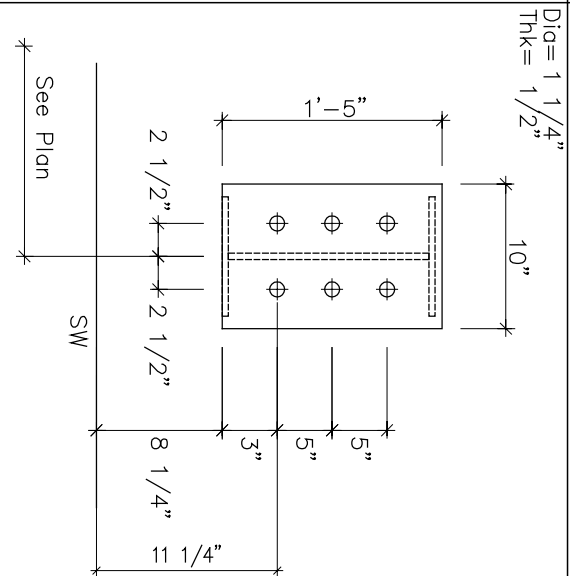
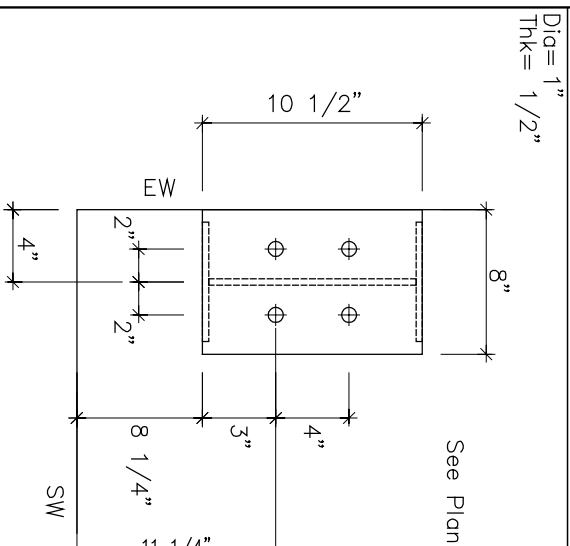
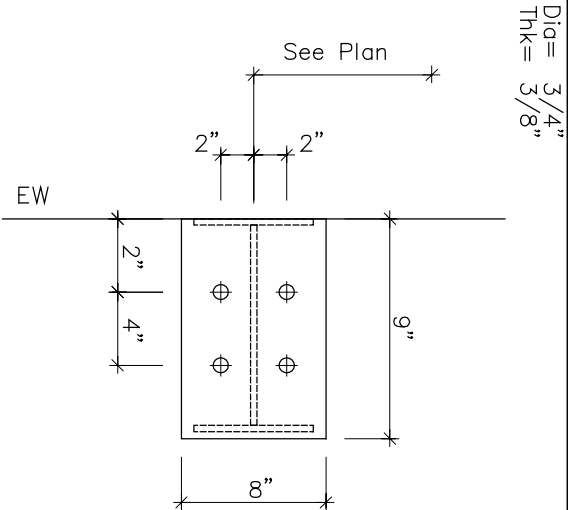
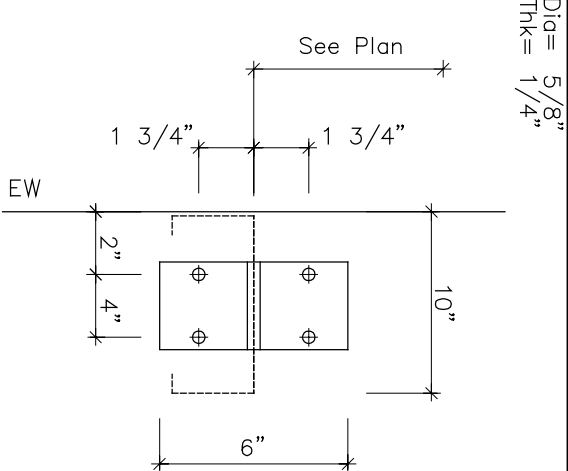
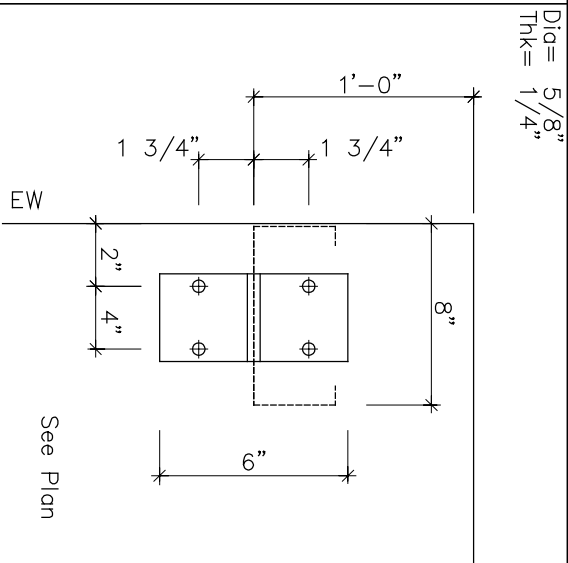
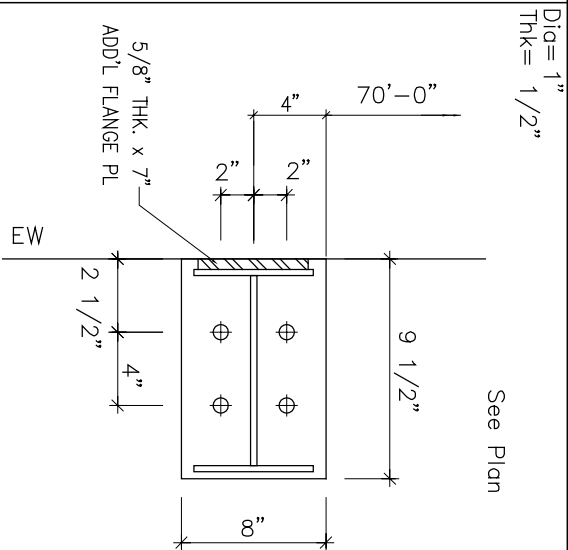
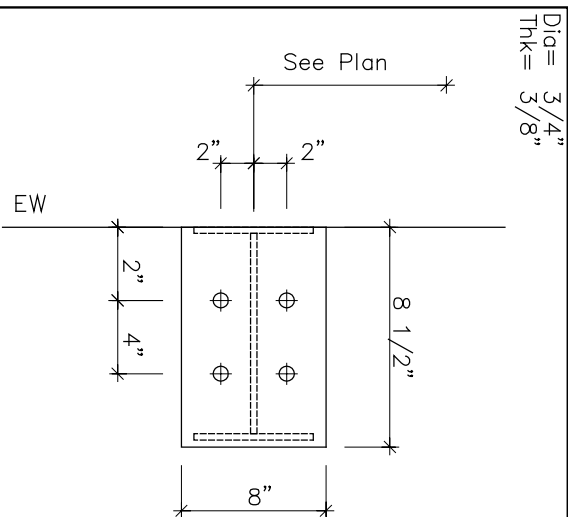
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PERMIT**

<b>ISSUE</b>	<b>DESCRIPTION</b>	<b>DATE</b>	<b>DRN.</b>	<b>CHK.</b>	<b>DES.</b>
A	APPROVAL / PERMIT	06/16/20	RDA	RCR	JEM
<p style="text-align: center;"> <b>RIGID</b>              GLOBAL BUILDINGS              18933 Ashina Westfield              Houston, Tx. 77073              Phone : (281) 443-3005              Fax : (281) 443-3004         </p>					
<b>DESCRIPTION</b>		<b>DETAIL DRAWINGS</b>			
CUSTOMER	THOMPSON BUILDERS, LLC				
END USER	SALTEE DEVELOPMENT				
END USE	HANGAR	BUILDING	A		
STREET	2751 NE DOUGLAS ST., HANGAR V				
CITY ST ZIP	LEES SUMMIT, MO 64002				
SUBS. NO.	67148	SUBS. DATE	144979	N.T.S.	DRAW. NO. E13 OF 13
					SHEET A



5/14/20





ANCHOR BOLT DETAIL			
QTY.	SYMBOL	DIA.	PROL.
0	⬇	1/2"	1"
16	⬇	5/8"	2"
28	⬇	3/4"	2 1/2"
0	⬇	7/8"	2 3/4"
16	⬇	1"	3"
36	⬇	1 1/4"	3 1/2"
0	⬇	1 1/2"	3 1/2"

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

DETAIL OF ANCHOR  
BOLT AS PER THE  
SUPPLIER

LENGTH OF "PROL." SHOWN IS  
FOR ONE NUT + ONE WASHER

NUTS & WASHERS  
BY SUPPLIER

ANCHOR BOLTS NOT BY RIGID GLOBAL BUILDINGS

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

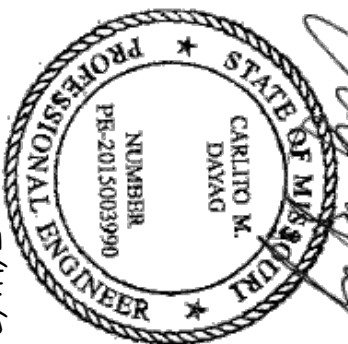
ISSUE	DESCRIPTION	DATE	DRM	CHK	DES
A	APPROVAL/PERMIT	06/15/20	RDA	ROR	JEM



DESCRIPTION	ANCHOR BOLT DETAILS			
CUSTOMER	THOMPSON BUILDERS, LLC			
END USE	SALE DEVELOPMENT			
END USE	HANGAR	BUILDING	A	
STREET	2751 NE DOUGLAS ST. HANGAR V			
CITY ST ZIP	LEES SUMMIT, MO 64002			
603 57148	1449377	MO 64002	F02 OF 4	A

**FOR  
PERMIT**

5/14/20



*W. H. Murray*



