

APEC
985 TECHNOLOGY DR.
DOTHAN, AL 36303

DATE: 4/30/20
OMAHA
JOB NO: 6415
BUILDING SIZE:
WIDTH : 40 ft.
LENGTH : 40 ft.
EAVE HT : 16 ft.
JOB SITE: OMAHA, GA 31821

To Whom It May Concern:

This Letter of Design Certification ensures that primary and secondary framing furnished by Metal Building Manufacturer are designed in accordance with information specified to Metal Building Manufacturer on the order documents and summarized by loading information below.

DESIGN LOAD CRITERIA:

Building Code: IBC 18/GSBC 20	
Roof Dead Load(D): 2.000 psf plus wt. of metal bldg structure	
Roof Live Load(Lr): 20.00 psf	
Tributary Live Load Reduction: Yes	
Collateral Load(C) : 0.5 psf	Snow Thermal Coef. Ct : 1.00
Building Risk Category : II - Normal	Snow Imp. Fac. : 1.0000
Wind Speed Ultimate : 110 mph	Seismic Use Group (SUG) : II - Normal
Nominal : 85.21 mph	Seismic Site Class : D
Wind Exp. Cat : B	Mapped Response (Ss) : 0.1077
Serviceability Wind : 10 -year MRI	Mapped Response (S1) : 0.0666
Enclosure Type : Enclosed	Design Response (Sds) : 0.1141
Internal Wind Coef. : -0.18/0.18	Design Response (Sd1) : 0.1056
	Rigid Frame (Cs) : 0.0381
Ground Snow Load(Pg) : 5.00 psf	Design Category (SDC) : B
Roof Snow Load : 3.5 psf	Seismic Importance : 1.00
Snow Exp. Fac : 1.0000	Res Mod Factor(OMF)R : 3.0000*
	Res Mod Factor (Brc) R : 3.0000*

*STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.

COMPONENTS & CLADDING (unfactored)

Wall Field Values : 16.283 psf / -17.640 psf
Wall Edge Values : 16.283 psf / -21.711 psf

REFERENCE DESIGN STANDARDS:

- *AISC Specification for Structural Steel Buildings-Allowable stress design, 360-16.
- *AISI North-American Specification for the Design of Cold-Formed Steel Structural Members, 2016 Edition.
- *MBMA Low Rise Building Systems Manual, Latest Edition.
- *AISC Design Guide 3, "Serviceability Design Consideration for Steel Buildings, Second Edition"
- *AWS Latest Edition of Structural Welding Code-Steel.
- * IBC 18/GSBC 20 are using the ASCE7-16.

This certification is limited to the structural design of the frames, secondary, and roof/wall covering manufactured or supplied by Metal Building Manufacturer only and excludes Accessory items such as doors, windows, louvers, translucent panels, and ventilators. This certification specifically excludes any foundation, masonry, erection of building and general contract work.

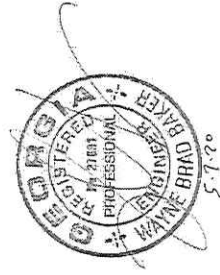
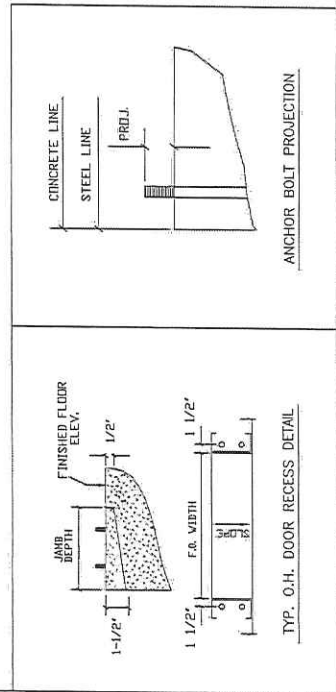
The undersigned is not the engineer of record for the overall project.

Sincerely,

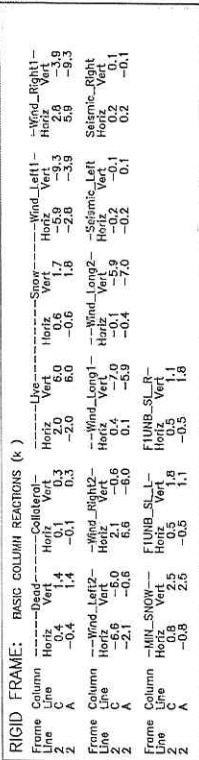
Wayne Brad Baker, P.E.



ISSUE	DET	CHK	DATE	APEC	
				CARRIER	
				OVAHA	
				201 IN	6415
				DATE	4/30/20
				LOCATION	
				OVAHA	OA 31821
				COORDINATE	
				ANCHOR BOLT LAYOUT	SOAK
				FOOTING NO.	SCORE IN
				PAGE	1
				OTL	
				CELESTED IN	EN
				SPW	



ISSUE	DET	CHK	DATE	CLASS	APPC
				OMAHA	
			6415		
			0540		
			OMAHA, GA 31821		
			ANCHOR BOLT DETAILS		
			PAGE 1-1		
			SCALE		
			DATE		
			SPW		
			DATE		
			DATE		



ENDWALL COLUMN:										BASIC COLUMN REACTIONS (k)									
Firm					i					Wind					Wind				
Col	Line	Dead	Collet	Live	Snow	Left1	Wind	Right1	Left2	Wind	Right2	Horz	Press	Suct	Long1	Wind	Long2		
1	A	0.0	0.0	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	1.2	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
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1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
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1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
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1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
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1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
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1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6	0.9	-3.4	-0.8	-1.3	-0.2	-0.2	-0.2	2.2	-1.2	2.0	-1.4	-0.7	-0.7		
1	A	0.0	0.1	1.6															

ANCHOR BOLT SUMMARY				
Qty	Locate	Dia (in)	Type	Projection (in)
4	Jamb	5/8"	A307	1.50
24	Endwall	3/4"	GR36	1.50
8	Frame	3/4"	GR36	2.50
4	PC	3/4"	GR36	1.50

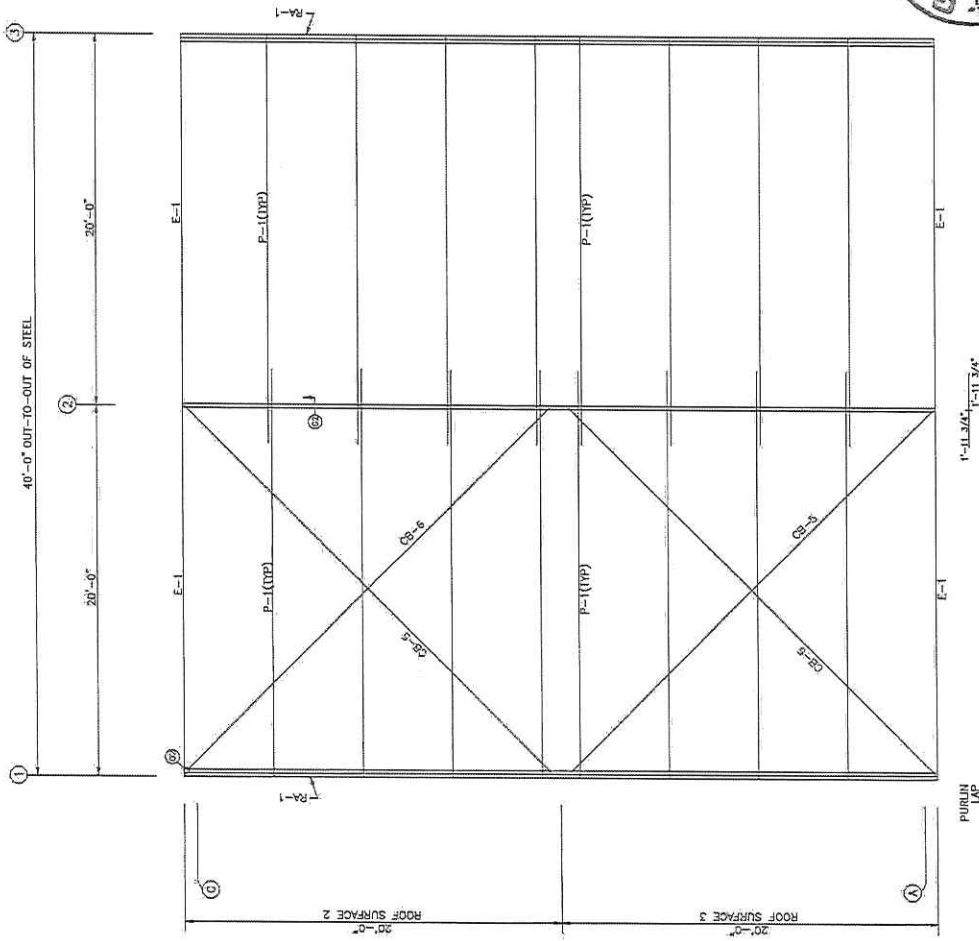
GENERAL NOTES

1. FOUNDATION DESIGN AND CONSTRUCTION ARE NOT THE RESPONSIBILITY OF METAL BUILDING MANUFACTURER.
2. ALL REACTIONS ARE UNFACTORED.
3. ULTIMATE WIND LOADS ARE USED TO DERIVE THE WIND REACTION.
4. ANCHOR BOLTS SHALL BE ACCURATELY SET TO ELEVATION AND LOCATION.
5. COLUMN BASE PLATES ARE DESIGNED NOT TO EXCEED A MAXIMUM WEIGHT OF 1050 POUNDS PER SQUARE INCH.

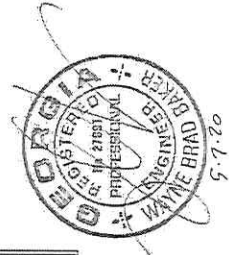
ISSUE	DATE	CHK	CONFIRM	APEC
			6415	4/30/20
			100%	OMAHA, CA 31821
				DOOR HITS
				ANCHOR BOLT REACTIONS
				SPALLS
				CRACKS
				SPW
				PAGE 1.2
				GTL
				SPW
				SPW

NOTE: THE FRAMING AT BOTH ENDWALLS IS NOT DESIGNED TO ACCOMMODATE FUTURE ADDITIONS. REACTIONS CORRESPONDING TO THESE FRAME LINES REFLECT LOADINGS FOR ACTUAL TRIBUTARY AREA AND ARE NOT INTENDED TO INCLUDE ANY FUTURE MODIFICATIONS UNLESS NOTED OTHERWISE.

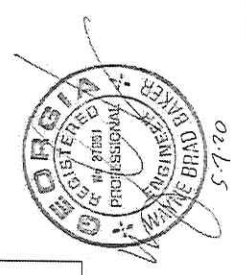
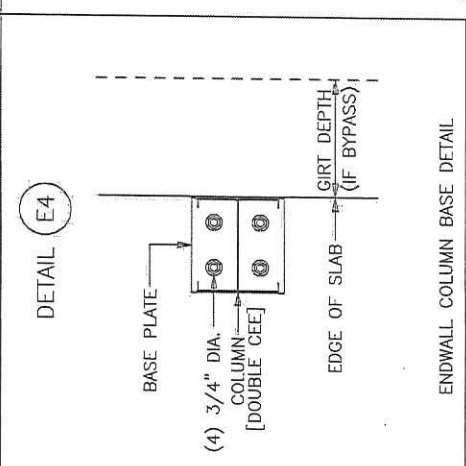
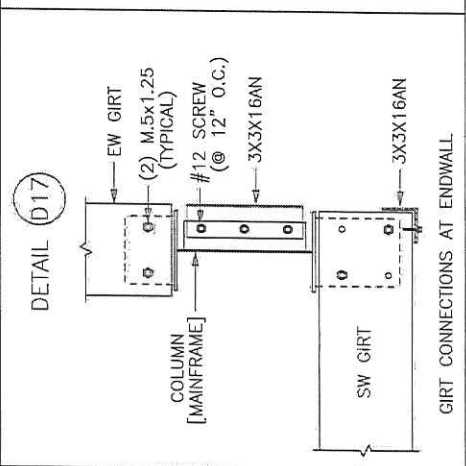
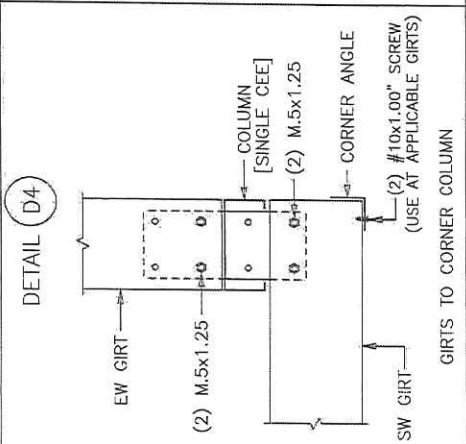
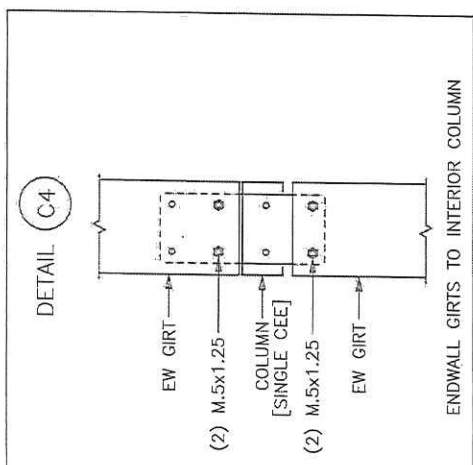
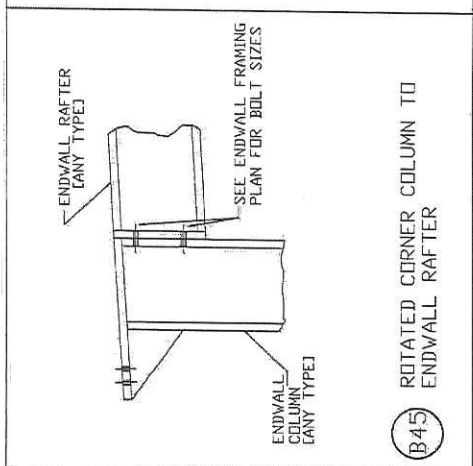
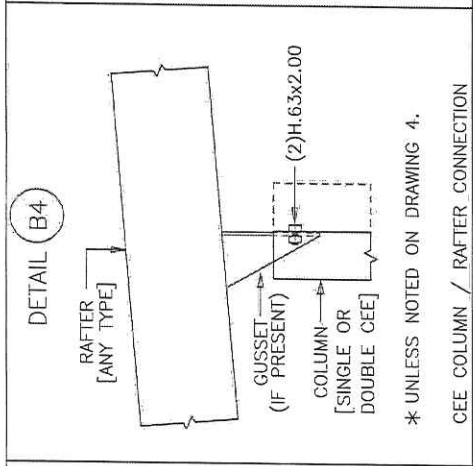
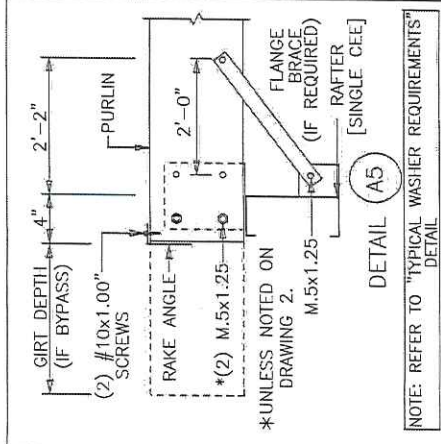
MEMBER TABLE		
MARK	PART	LENGTH
P-1	8x25Z16	21'-11" 1/2"
E-1	8LE14@2	19'-11" 1/2"
CB-5	1/4 CBL	27'-1"
CB-6	1/4 CBL	27'-3"



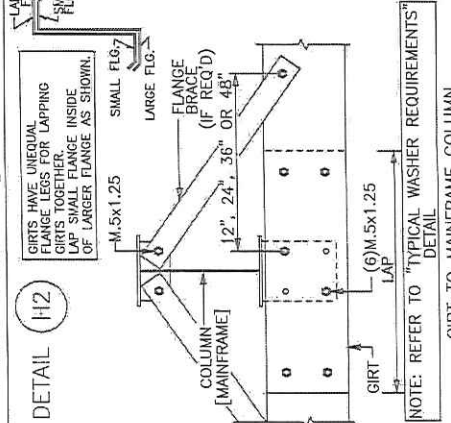
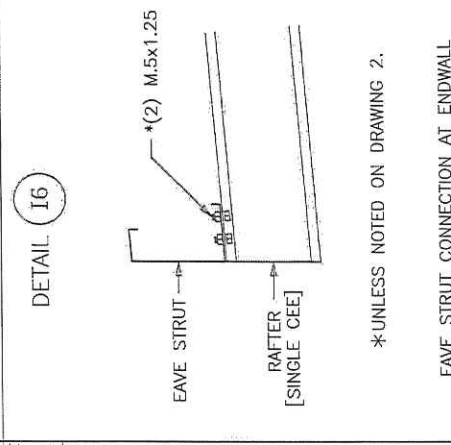
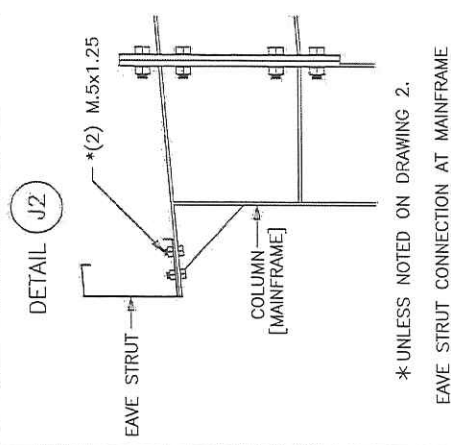
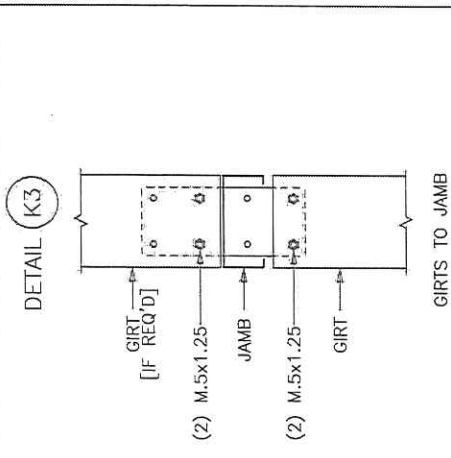
ROOF FRAMING PLAN



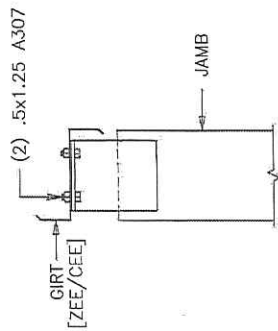
APEC		DATE	
ISSUE	DET	CHK	
APEC			
CUSTOMER	OMAHA		
PROJECT NO.	6415		
DATE	4/30/20		
LOCATION	OMAHA, GA 31821		
DESIGNED BY	NONE		
CHECKED BY	NONE		
SCALE	NONE		
PROJECT NO.	PAGE 2		
DATE	GTL		
BY	SPW		



ISSUE	DET	CHK	DATE	APEC
				BY: ONAHA
				DATE: 4/30/20
				NO: 6415
				LOCATION: ONAHA, GA. 31821
				PROJECT: FRAMING DETAILS
				SCALE: NONE
				DESIGNED BY: GIL
				CHECKED BY: SPW
				PAGE: 5

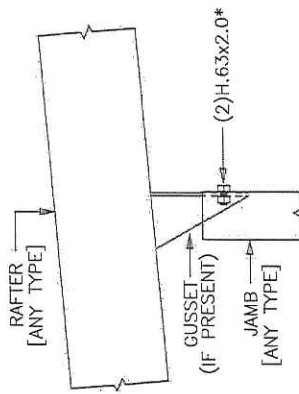
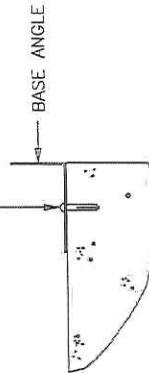


	ISSUE	ENT	CWK	DWTE	APEC	DATE	TIME
					OMAHA	2:08 PM	4/30/20
					6415		
					OMAHA, GA 31821		
					BROOKS HWY		
					FRAMING DETAILS		
					PAGE 5.1	PLAN 60	SECTION 1000
					GTL	SFW	FIVE



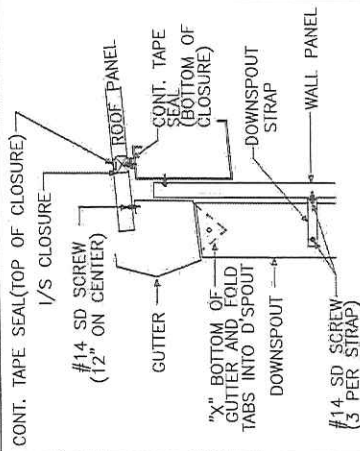
DETAIL (T1)

1/4" x 1 1/4" ZINC HAMMER DRIVES
ZAMAK ALLOY (ASTM B633, SC1, TYPE III)
(24" ON CENTER) —



* UNLESS NOTED ON DRAWING 4:

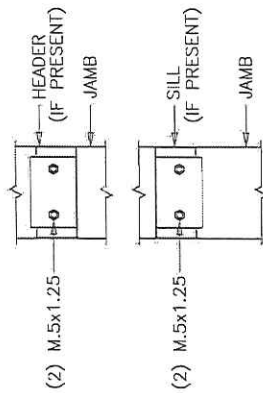
JAMB / RAFTER CONNECTION



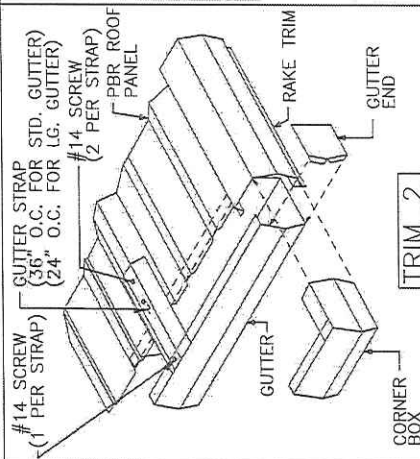
NOTE: INSTALL GUTTER STRAPS 3'-0" ON CENTER.
NOTE: INSTALL D'SPOUT STRAPS 5'-0" ON CENTER.

TRIM_1

GUTTER DETAIL

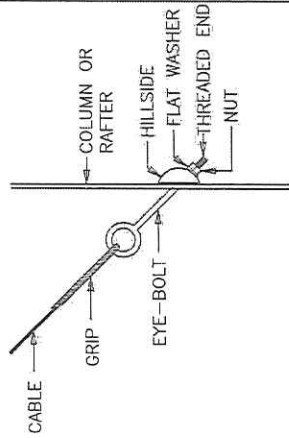


FRAMED OPENING HEADER/SILL TO JAMB



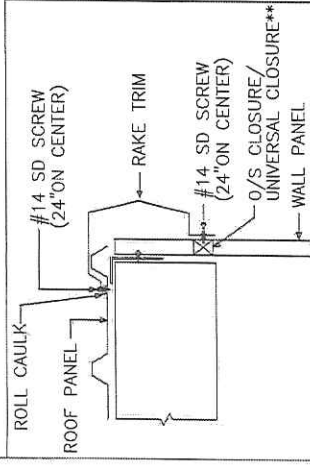
TRIM_2

GUTTER END DETAIL



CABLE INSTALLATION DETAIL

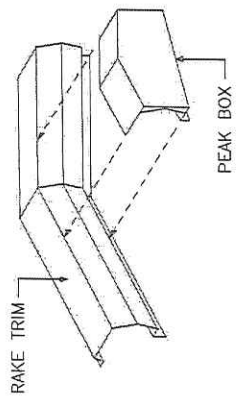
ISSUE	DET	CHK	DATE	ORIGINS	OMAHA	DATE
					6415	4/30/20
					LOAN	
					OMAHA	
					GA 31821	
					POWER INFO	
					FRAMING DETAILS	
					PAGE 5.2	
					SCOUT	
					DATE IN	DATE IN
					SW	SW
					105	105



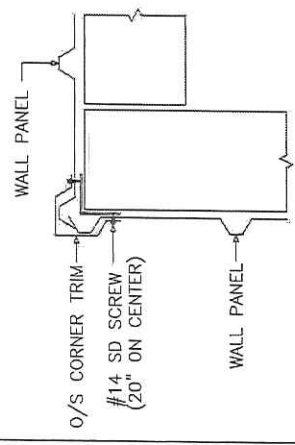
ROLL CAULK
ROOF PANEL

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

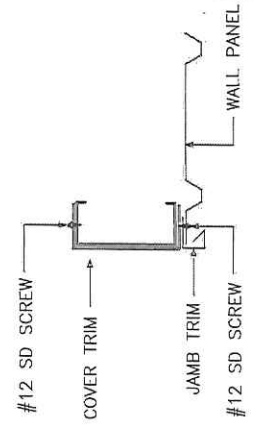
TRIM_3
RAKE TRIM DETAIL



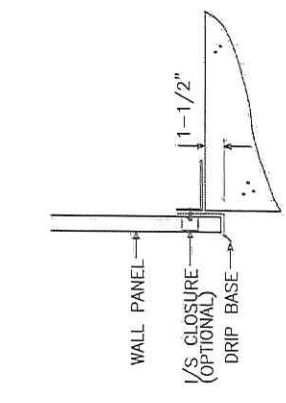
TRIM_4
PEAK BOX DETAIL



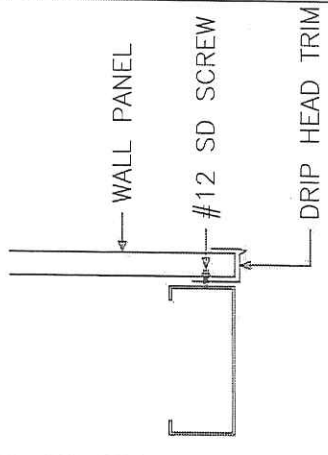
TRIM_5
O/S CORNER DETAIL



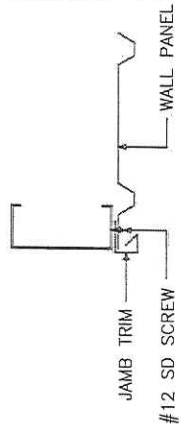
TRIM_11
COVER TRIM DETAIL AT JAMB



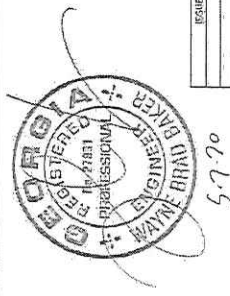
TRIM_16
BASE TRIM DETAIL



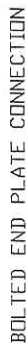
TRIM_61
HEAD TRIM DETAIL AT HEADER



TRIM_8
JAMB TRIM DETAIL AT JAMB



SCALE	DET	CHK	DATE	APEC
				OMAHA
				29 DEC 6415
				4/30/20
				OMAHA, GA 31821
				FORMING DETAILS
				PAGE 5.3
				SPW



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

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

ALL MORTISE PREPPED PERSONNEL DOORS
COME AS RIGHTHAND REVERSED SWING.

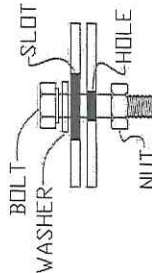
(i.e. STANDING ON THE OUTSIDE OF THE BUILDING FACING THE DOOR, THE LOCK WILL BE ON THE LEFTHAND SIDE OF THE DOOR AND THE DOOR WILL SWING OUTWARD FROM THE BUILDING.)

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

TYPICAL WASHER REQUIREMENTS
(UNLESS NOTED OTHERWISE ON DRAWINGS)

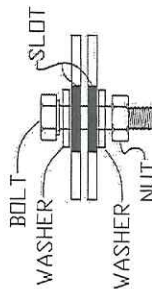
SLOT TO HOLE CONN.

WASHER REQUIRED ON SLOTTED SIDE



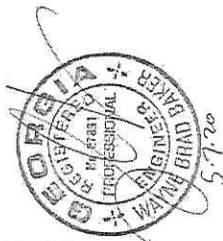
SLOT TO SLOT CONN.

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

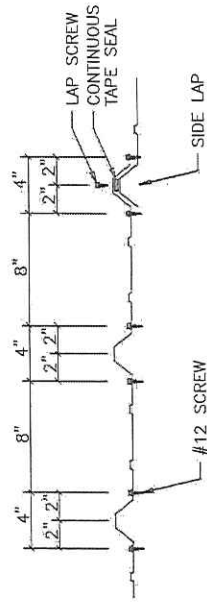
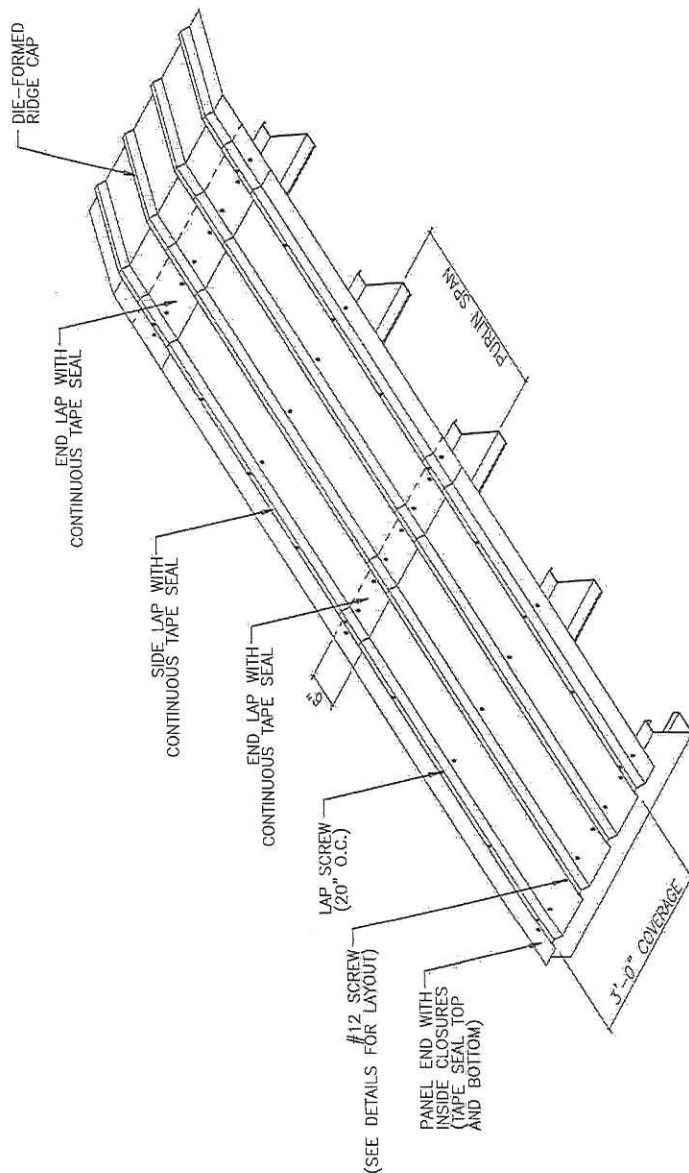


HOLE TO HOLE CONN.

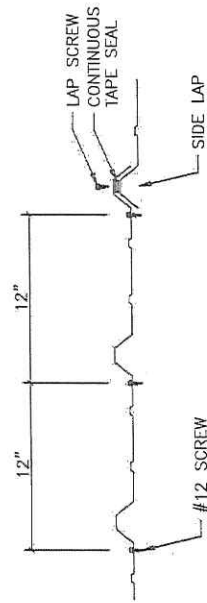
NO WASHERS REQ'D.



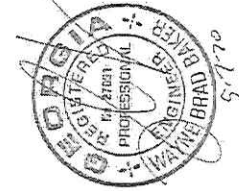
ISSUE	DET	CHK	DATE	APEC	
				231 155	OMAHA
				6415	
				12/20/20	
				OMAHA, GA 31821	
				FRAMING DETAILS	
				REMARKS	DATE
				1. 4.	12/20/20



PANEL ATTACHMENT AT PANEL END
(PEAK PURLIN, EAVE STRUT, AND PANEL END LAPS)

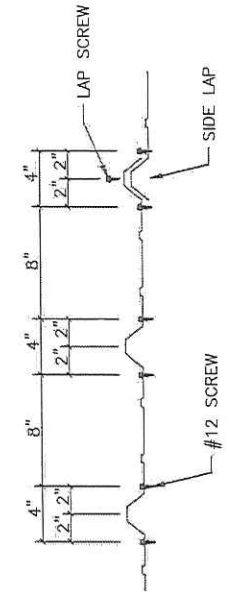
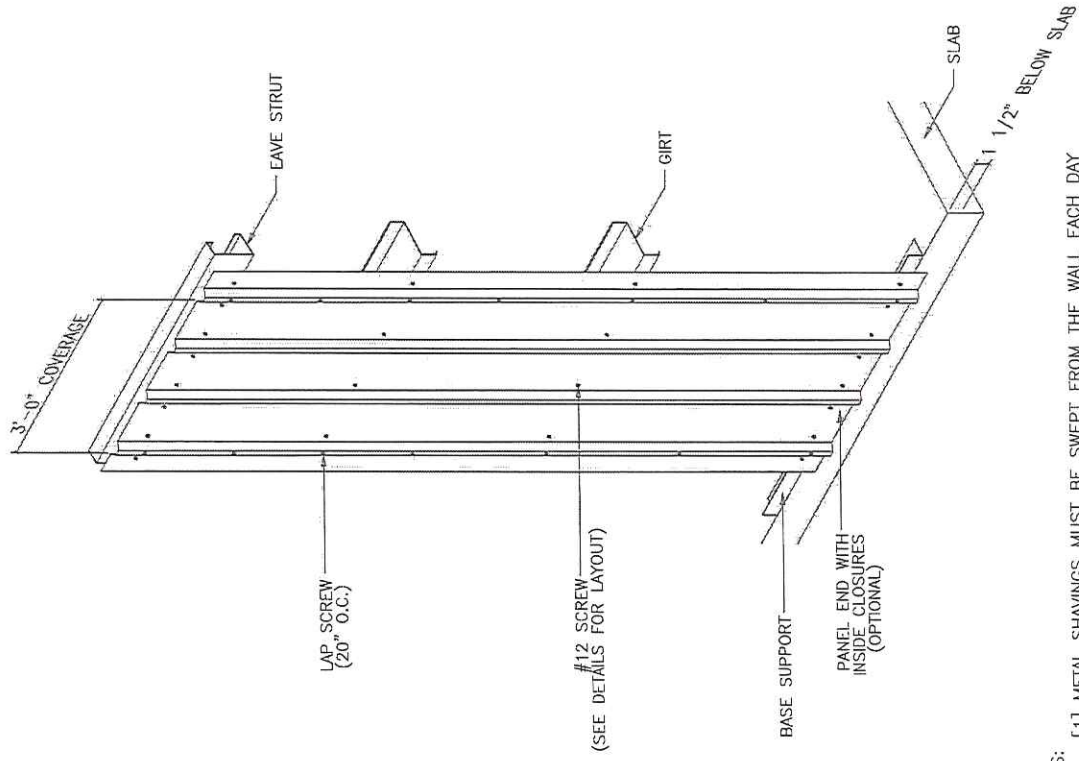


PANEL ATTACHMENT AT INTERMEDIATE MEMBERS

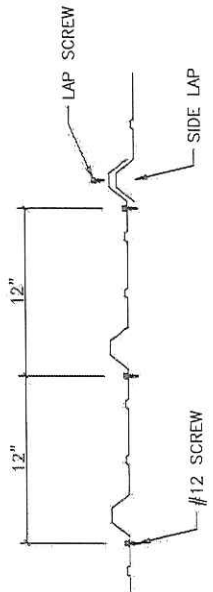


- NOTES:
- [1] ALL END LAPS MUST BE A MINIMUM OF 6".
 - [2] METAL SHAVINGS MUST BE SWEEPED FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
 - [3] TAPE SEAL MUST BE APPLIED WITH NO GAPS OR BREAKS.
 - [4] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.

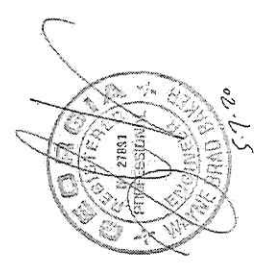
ISSUE	REV	CHK	DATE	APEC
				OMAHA
				6415
				4/30/20
				OMAHA, GA 31821
				ROOF PANEL DETAILS
				PAGE 6.1
				GIL
				SPW
				UNO
				NONE



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

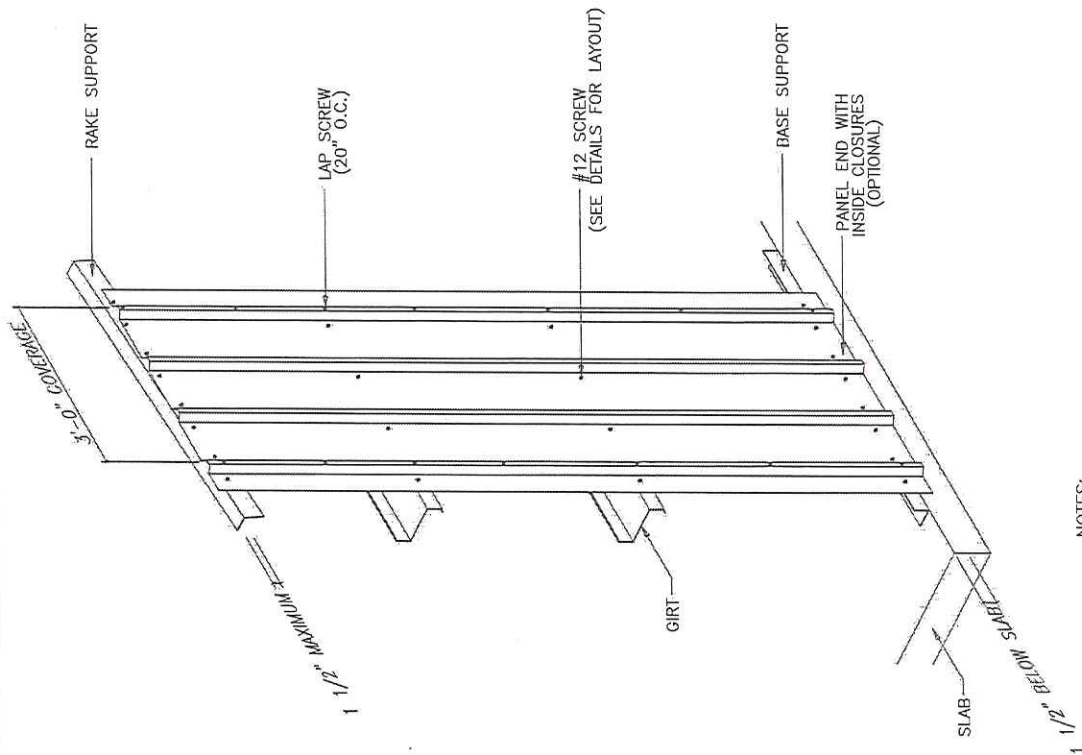


PANEL ATTACHMENT AT INTERMEDIATE MEMBERS



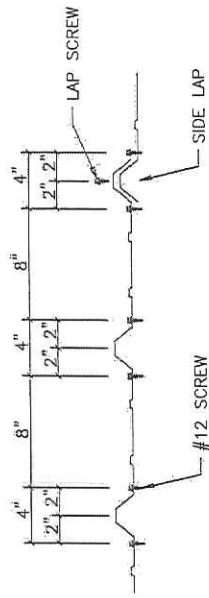
- NOTES:
- [1] METAL SHAVINGS MUST BE SWEEPED FROM THE WALL EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
 - [2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE GIRTS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.

ISSUE	ECT	CHK	DATE	APEC
				CONTRACTOR
				OWNER
				DATE
				PROJECT
				LOCATION
				ADDRESS
				CITY
				STATE
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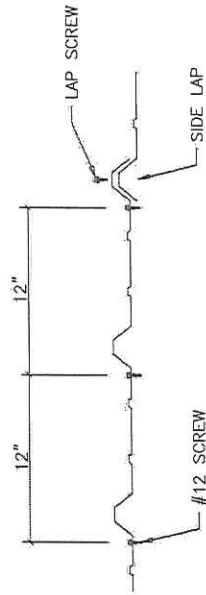


NOTES:

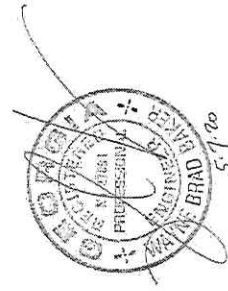
- [1] METAL SHAVINGS MUST BE SWEEPED FROM THE WALL EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE GIRTS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.



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



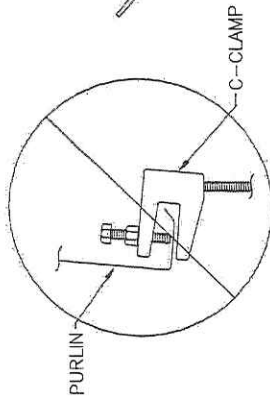
PANEL ATTACHMENT AT INTERMEDIATE MEMBERS



ISSUE	DET	CHK	DATE	APEC
				ORDER: OMAHA
				AB NO: 6415
				DATE: 4/30/20
				LOCATION: OMAHA, GA 31821
				PROJECT: ENDWALL PANEL DETAILS
				DESIGNER: [blank]
				CHECKED BY: [blank]
				DATE: [blank]
				SCALE: [blank]
				PAGE: B.1
				GTL: [blank]
				SPW: [blank]
				DWG: [blank]

PURLIN
(BY M.B.M.)

ATTACHMENT BY OTHERS
DO NOT DRILL HOLES INTO
THE FLANGES



NOTE: M.B.M. only provides the
roof purlin. All other material
and hardware is by others.

Flange C-Clamp is not
an acceptable connection

Recommended Connection Detail

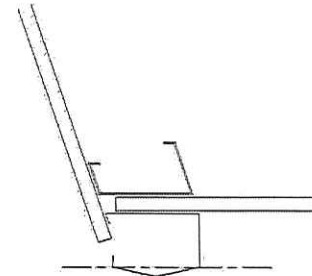
NOTE

MANY FACTORS BEYOND THE CONTROL OF THE METAL BUILDING SUPPLIER AFFECT THE ABILITY OF A PURLIN TO SAFELY SUPPORT HANGING LOADS COMBINED WITH OTHER REQUIRED ROOF LOADS. DUE TO THE VARIABLES INVOLVED IN HANGING LOADS AND THEIR ATTACHMENTS TO THE PURLINS, THE METAL BUILDING SUPPLIER CANNOT ASSURE THAT THE PURLINS FOR A PARTICULAR BUILDING PROJECT CAN SAFELY SUPPORT THE MAXIMUM ALLOWABLE HANGING LOADS IN COMBINATION WITH OTHER ROOF LOADS.

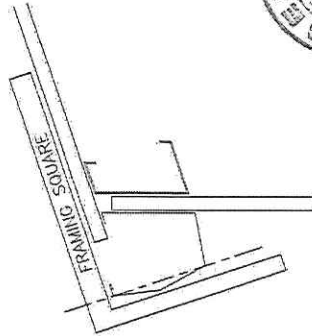
IT IS THE RESPONSIBILITY OF THE HANGER SYSTEM INSTALLER TO COORDINATE WITH THE ENGINEER OF RECORD FOR THE OVERALL PROJECT TO ENSURE A SAFE HANGING LOAD INSTALLATION. THE METAL BUILDING ENGINEER IS NOT THE ENGINEER OF RECORD FOR THE OVERALL PROJECT WITHOUT SPECIFIC CERTIFICATION FOR INDIVIDUAL HANGING LOADS. THE NET EFFECTS OF APPLIED HANGER LOADS INSTALLED ON A PARTICULAR PURLIN SHALL NOT EXCEED THE NET EFFECTS OF THE CERTIFIED UNIFORMLY APPLIED DESIGN COLLATERAL LOAD.

HANGING LOADS SHOULD NOT BE APPLIED TO THE PURLIN LIP, WHERE PERMISSIBLE, THE BEST PRACTICE FOR HANGING LOADS IS TO ATTACH TO THE PURLIN WEB USING A BOLT AND NUT, OR SELF-DRILLING SCREWS.

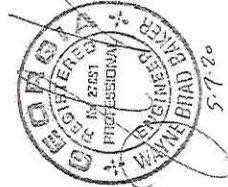
HANGING UNIFORM LOADS SUCH AS SPRINKLER MAINS OR HVAC EQUIPMENT SHOULD BE DISTRIBUTED OVER SEVERAL PURLINS, AND SHOULD NEVER EXCEED THE COLLATERAL LOAD ALLOWANCE FOR THE ROOF SYSTEM. FOR UNIFORM LOADS THAT RUN PARALLEL TO THE PURLINS, IT MAY BE NECESSARY TO USE TRANSVERSE SUPPORT CHANNELS, AKA, TRAPEZE BEAMS, ATTACHED TO THE WEBS OR FLANGES OF ADJACENT PURLINS TO SPREAD THE LOAD BETWEEN TWO OR MORE PURLINS. IN SUCH CASES, CONTACT THE BUILDING MANUFACTURER OR A LOCAL PROFESSIONAL ENGINEER PRIOR TO ATTEMPTING TO HANG LOADS FROM THE PURLINS.



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



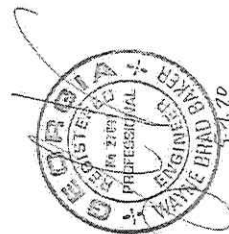
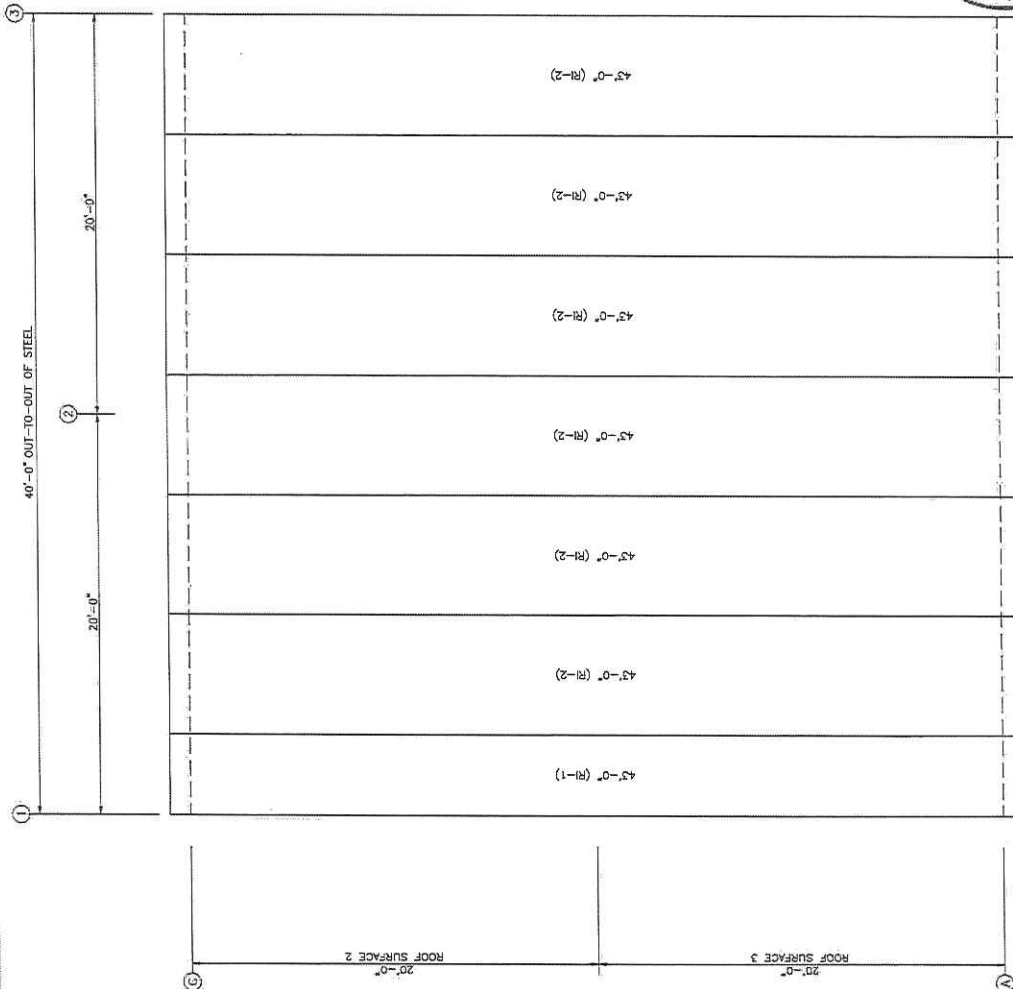
INSTALL GUTTER WITH
OUTSIDE FACE PERPENDICULAR
TO THE ROOF.



GUTTER INSTALLATION DETAIL (ONLY IF PROVIDED)

DESIGN	CHK	DATE	CONTRACTOR
			OMAHA
			6415
			OMAHA, CA 31821
			SPECIAL DETAILS
			PAGE 9
			CREATED BY
			DATE
			4/30/20
			NONE
			SHW

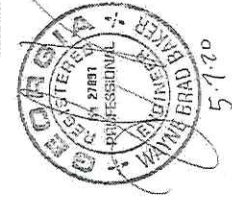
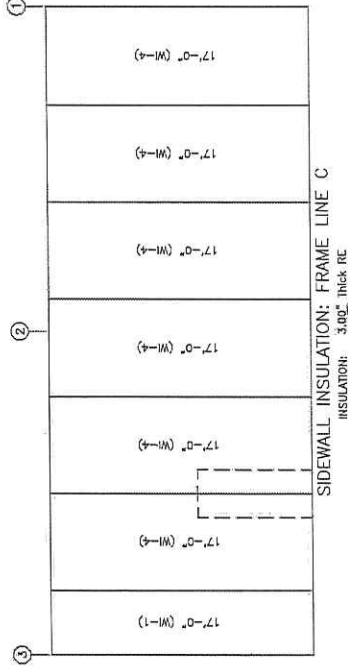
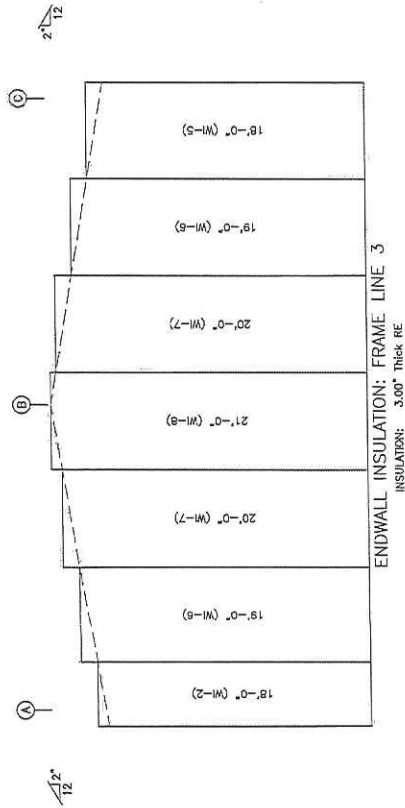
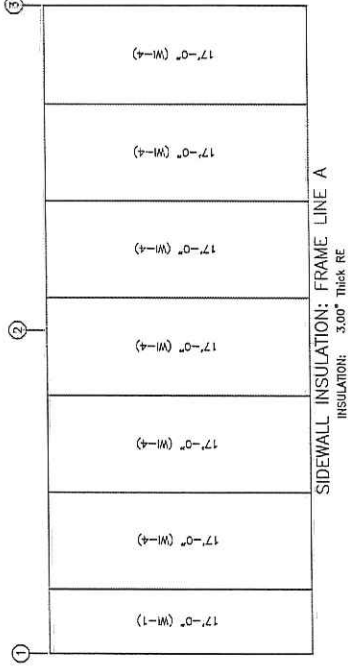
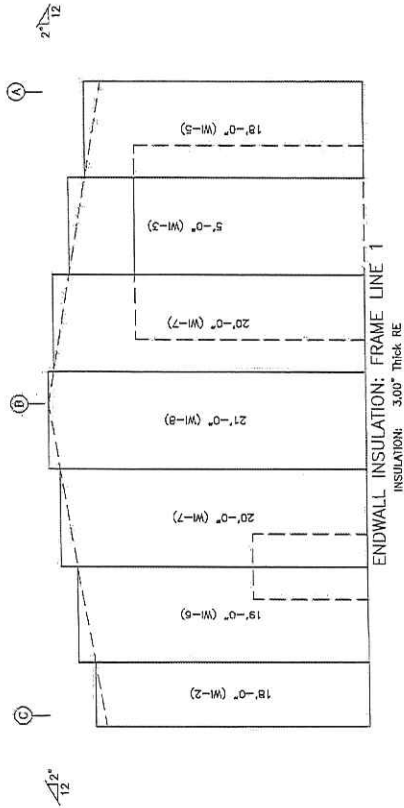
INSULATION TABLE			
ROOF PLAN			
QUAN	MARK	WIDTH	LENGTH
1	RI-1	4'-0"	43'-0"
6	RI-2	6'-0"	43'-0"



ROOF INSULATION
INSULATION: 3.00" Thick RE

APEC	
ISSUED BY	OMAHA
DATE	4/30/20
PROJECT NO.	6415
LOCATION	OMAHA, GA 31821
DESCRIPTION	INSULATION LAYOUT
SCALE	NONE
DESIGNED BY	SPW
CHECKED BY	SPW
DATE	4/30/20
PAGE	10

INSULATION TABLE				
FRAME LINE 1 A 3 C				
QUAN	MARK	WIDTH	LENGTH	
2	WI-1	4'-0"	17'-0"	
2	WI-2	4'-0"	18'-0"	
1	WI-3	6'-0"	5'-0"	
12	WI-4	6'-0"	17'-0"	
2	WI-5	6'-0"	18'-0"	
3	WI-6	6'-0"	19'-0"	
4	WI-7	6'-0"	20'-0"	
2	WI-8	6'-0"	21'-0"	



APEC		REVISIONS		DATE	
OMAHA		OMAHA		4/30/20	
6415		6415			
OMAHA, GA 31821		OMAHA, GA 31821			
INSULATION LAYOUT		INSULATION LAYOUT			
PAGE 10.1		PAGE 10.1			
GTL		GTL			
SPW		SPW			

