

STRUCTURAL DESIGN

ENCLOSED BUILDING

MAXIMUM 30'- 0" WIDE X 20'- 0" HEIGHT-BOX EAVE FRAME AND BOW FRAME

23 October 2020 Revision 0 M&A Project No. 20193S

Prepared for:

Vega Metal Structures & Concrete, LLC 4047 US Hwy 311 Randleman, NC 27317

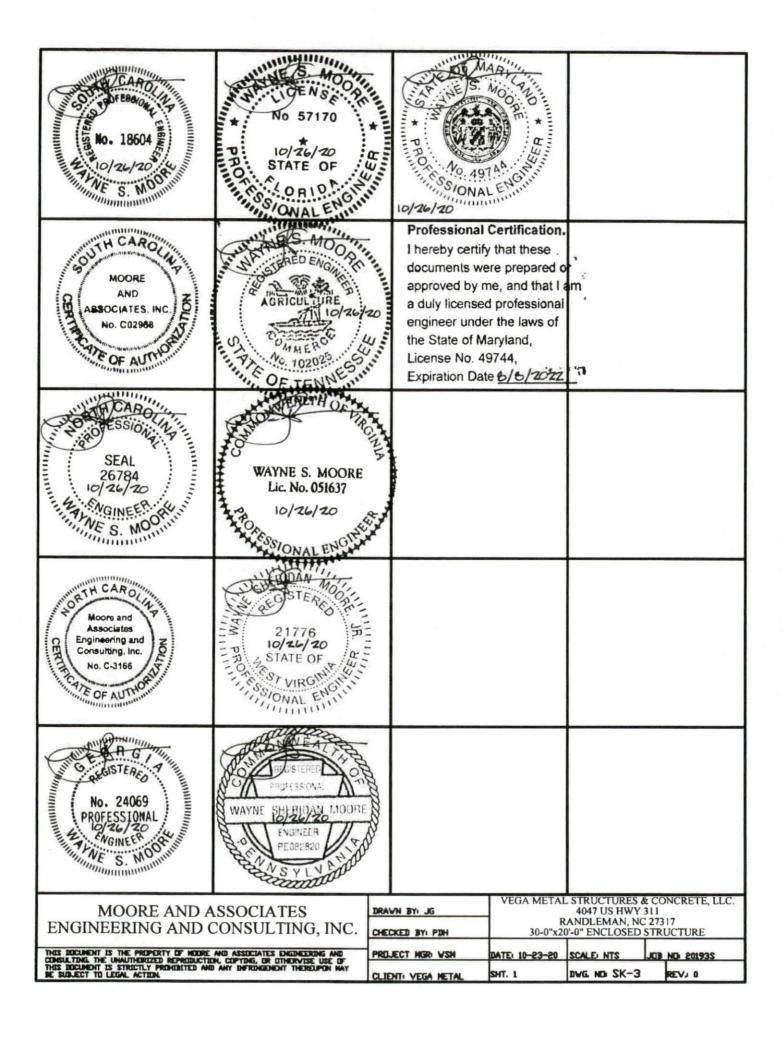
Prepared by:

Moore and Associates Engineering and Consulting, Inc.

1009 East Avenue North Augusta, SC 29841

401 S. Main Street, Suite 200 Mount Airy, NC 27030





DRAWING INDEX SHEET 1 PE SEAL COVER SHEET SHEET 2 DRAWING INDEX SHEET 3 INSTALLATION NOTES AND SPECIFICATIONS SHEET 4 TYPICAL SIDE AND END ELEVATIONS SHEET 5 TYPICAL RAFTER/COLUMN END FRAMING SECTION (BOX EAVE RAFTER) TYPICAL RAFTER/COLUMN END AND SIDE FRAMING SECTION (BOX EAVE RAFTER) SHEET 5A SHEET 6 COLUMN CONNECTION DETAILS (BOX EAVE RAFTER STRUCTURE) SHEET 6A COLUMN CONNECTION DETAILS (BOX EAVE RAFTER STRUCTURE) SHEET 7 TYPICAL RAFTER/COLUMN END FRAMING SECTION (BOW EAVE RAFTER) SHEET 7A TYPICAL RAFTER/COLUMN END AND SIDE FRAMING SECTION (BOW EAVE RAFTER) SHEET 8 COLUMN CONNECTION DETAILS (BOW EAVE RAFTER STRUCTURE) SHEET 8A COLUMN CONNECTION DETAILS (BOW EAVE RAFTER STRUCTURE) SHEET 9 BASE RAIL ANCHORAGE OPTIONS ADDITIONAL BASE RAIL ANCHOR OPTION SHEET 9A SHEET 10 BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS SHEET 11 BOW EAVE RAFTER END WALL AND SIDE WALL OPENINGS SHEET 12 CONNECTION DETAILS SHEET 13 CONNECTION DETAILS SHEET 14 BOX EAVE RAFTER LEAN-TO OPTION BOX EAVE LEAN-TO OPTIONS FOR RAFTER SHEET 14A SPANS < 10'-0" SHEET 14B BOX EAVE LEAN-TO OPTIONS FOR RAFTER SPANS < 10'-0" BOX EAVE LEAN-TO OPTIONS FOR RAFTER SHEET 14C SPANS 10'-0" < TO < 16'-0" SHEET 14D BOX EAVE LEAN-TO OPTIONS FOR RAFTER SPANS 10'-0" < TO < 16'-0" SHEET 14E BOX EAVE LEAN-TO OPTIONS FOR RAFTER SPANS 16'-0" < T□ < 20'-0" SHEET 14F BOX EAVE LEAN-TO OPTIONS FOR RAFTER SPANS 16'-0" < T□ < 20'-0" SHEET 15 BOW EAVE RAFTER LEAN-TO OPTION SHEET 15A BOW EAVE LEAN-TO OPTIONS FOR RAFTER SPANS < 10'-0" SHEET 15B BOX EAVE LEAN-TO OPTIONS FOR RAFTER SPANS < 10'-0" BOW EAVE LEAN-TO OPTIONS FOR RAFTER SHEET 15C SPANS 10'-0" (TO (16'-0" SHEET 15D BOX EAVE LEAN-TO OPTIONS FOR RAFTER SPANS 10'-0" < TO < 16'-0" SHEET 15E BOW EAVE LEAN-TO OPTIONS FOR RAFTER SPANS 16'-0" < T□ < 20'-0" SHEET 15F BOX EAVE LEAN-TO OPTIONS FOR RAFTER SPANS 16'-0" < TO < 20'-0" SHEET 16 BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION SHEET 17 SIDE WALL AND END WALL HEADER OPTIONS

MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	DRAWN BY: JG CHECKED BY: PDH	R	STRUCTURES & CONCRETE, LLC. 4047 US HWY 311 ANDLEMAN, NC 27317 1-0" ENCLOSED STRUCTURE	
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYDIG, OR OTHERVISE USE OF THIS DOCUMENT IS STRUCTLY PROMODICED AND ANY DIFRENCEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	PROJECT HGR: VSH CLIENT: VEGA HETAL	DATE: 10-23-20 SHT. 2	SCALE: NTS DVG. ND: SK-3	ADB ND 201935

INSTALLATION NOTES AND SPECIFICATIONS

- 1 DESIGN IS FOR MAXIMUM 30'-0" WIDE x 20'-0" EAVE HEIGHT ENCLOSED STRUCTURES.
- 2 DESIGN WAS DONE IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE, 7TH EDITION, 2018 NORTH CAROLINA BUILDING CODE (NCBC), 2018 INTERNATIONAL BUILDING CODE (IBC), 2015 IBC AND 2012 IBC.
- 3. DESIGN LUADS ARE AS FOLLOWS:

A) DEAD LOAD

= 15 PSF = 12 PSF

B) LIVE LOAD

= 45 PSF

C) GROUND SNOW LOAD

= 30 PSF WITH U-CHANNEL PEAK BRACE (W < 24'-0')

NOTE: DIFFERENTIAL LOADING DUE TO SNOW DRIFTING NOT ANALYZED.

- 4. 3-SECOND GUST ULTIMATE WIND SPEED (V_{ULT}) = ≤ 145 MPH (NDMINAL WIND SPEED = ≤ 112 MPH).
- 5 MAXIMUM RAFTER/POST AND END POST SPACING = 50 FEET (UNLESS NOTED OTHERWISE)
- 6. END WALL COLUMNS (POSTS) ARE EQUIVALENT TO SIDE WALL POSTS IN SIZE AND SPACING (UNLESS NOTED DTHERWISE).
- 7 RISK CATEGORY I
- 8. WIND EXPOSURE CATEGORY B.
- 9 SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/2" x 2 1/2" 14 GAUGE TUBE STEEL (TS) FRAMING MEMBERS (UNLESS NOTED DTHERWISE). WHERE TS 2 1/2" x 2 1/2" 14 GAUGE IS SPECIFIED, TS 2 1/4" x 2 1/4" 12 GAUGE MAY BE USED AS AN OPTION.
- 10. AVERAGE FASTENER SPACING DN-CENTERS ALONG RAFTERS OR HAT CHANNELS, AND COLUMNS (INTERIOR OR END) = 10° D.C. (MAX.)
- 11. FASTENERS CONSIST OF #12-14×3/4" SELF-DRILLING FASTENER (SDF), USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS.

 SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20 FEET OR LESS, AND ROOF SLOPES OF 14" (3:12 PITCH) OR LESS SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND/OR SLOPES MAY VARY, ROOF SLOPES LESS THAN 3:12 REQUIRE USE OF LAP JOINT SEALANT.
- 12. ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6° OF EACH RAFTER COLUMN ALONG SIDES.
- 13 STANDARD GROUND ANCHORS (SOIL NAILS) CONSIST OF #4 REBAR W/ WELDED NUT x MINIMUM 36' LONG AND MAY ONLY BE USED IN SUITABLE SOILS OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SOILS AND MUST BE USED IN UNSUITABLE SOILS AS NOTED. COORDINATE WITH LOCAL CODES/ORDINANCES REGARDING MINIMUM LENGTH FOR FROST DEPTH PROTECTION.
- 14. WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE

SOIL SITE CLASS = D RISK CATEGORY I

KISK CHIEUDI

R= 3.25

l_E= 10 V= C_SW

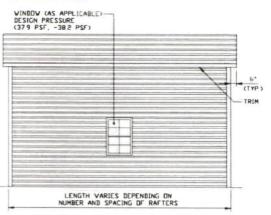
S_{DS}= 2.039 g

S_{B1}= 1.258 g

15. DOOR AND WINDOW PRESSURE VALUES ARE APPLICABLE FOR THE STATE OF FLORIDA

MOORE AND ASSOCIATES	DRAWN BY: JG	VEGA METAI	L STRUCTURES 4047 US HWY		NCRETE, LLC.
ENCOREEDDIG AND CONGULTANIC DIC	CHECKED BY: PDH		RANDLEMAN, NC 27317 0'-0" ENCLOSED STRUCTURE		
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRIBUCTION, COPYDIG, OR OTHERWISE USE OF	PROJECT HGR: VSH	DATE: 10-23-20	SCALE: NTS	JOB	ND 201935
THIS DOCUMENT IS STRUCTLY PROMINITED AND ANY DIFFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA METAL	знт. з	DVG. NO SK-3		REV. 0

ROLL-UP DODR (AS APPLICABLE) DESIGN PRESSURE (185 PSF. -20 35 PSF) IRIM V & 30°-0" MAXIMUM RAFTER SPAN ROLL-UP DODR (AS APPLICABLE) DESIGN PRESSURE (37 9 PSF. -38 2 PSF) V & 30°-0" MAXIMUM RAFTER SPAN LENGTI NUMBER



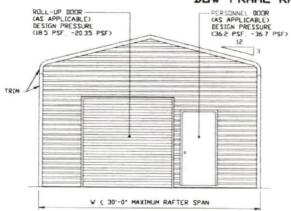
TYPICAL END ELEVATION

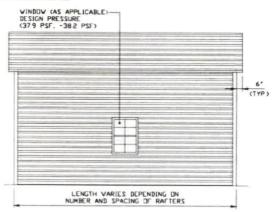
SCALE: NTS

TYPICAL SIDE ELEVATION

SCALE: NTS

BOW FRAME RAFTER STRUCTURE





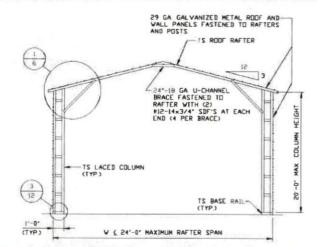
TYPICAL END ELEVATION SCALE: NTS

TYPICAL SIDE ELEVATION SCALE: NTS

MOORE AND ASSOCIATES	
ENGINEERING AND CONSULTING, INC	С.

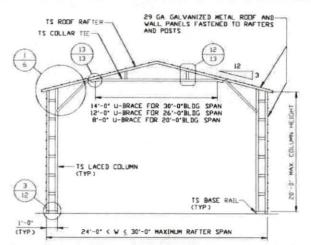
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS DOCUMENT IS STRUCTLY PROMOBETED AND ANY INFRINGEMENT THERELIPON MAY BE SUBJECT TO LEGAL ACTION.

	DRAVN BY: JG	VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311 RANDLEMAN, NC 27317					
	CHECKED BY: PDH	30-0"x2	0'-0" ENCLOSE	DSTR	UCTURE		
-	PROJECT HOR VSH	DATE: 10-23-20	SCALE: NTS	JOB	ND 20193S		
	CLIENTI VEGA METAL	SHT. 4	DVG. ND SK-	3	REV. 0		

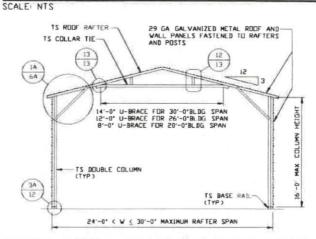


TYPICAL RAFTER/COLUMN END FRAME SECTION SCALE: NTS

TYPICAL RAFTER/COLUMN END FRAME SECTION SCALE: NTS



TYPICAL RAFTER/COLUMN END FRAME SECTION

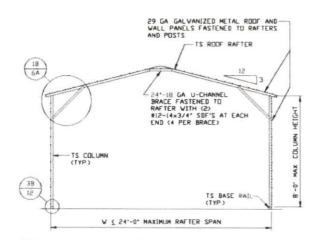


TYPICAL RAFTER/COLUMN END FRAME SECTION SCALE: NTS

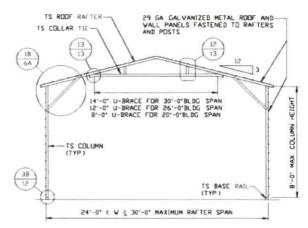
MOORE AND ASSOCI	ATES
ENGINEERING AND CONSU	LTING, INC.

	ERING AND
CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERW	ISE USE OF
THIS DOCUMENT IS STRUCTLY PROMINETED AND ANY INFROMEMENT THE	DESTREM MAY

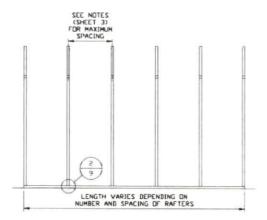
	DRAWN BY: JG	- F	4047 US HW RANDLEMAN, 1	Y 311 NC 273			
1	CHECKED BY: PDH	30-0"x20'-0" ENCLOSED STRUCTURE					
	PROJECT HGR: VSH	DATE: 10-23-20	SCALE: NTS	JOB	ND 20193\$		
	CLIENTI VEGA METAL	SHT. 5	DVG. ND SK-	3	REV. 0		



TYPICAL RAFTER/COLUMN END FRAME SECTION SCALE: NTS



TYPICAL RAFTER/COLUMN END FRAME SECTION SCALE: NTS

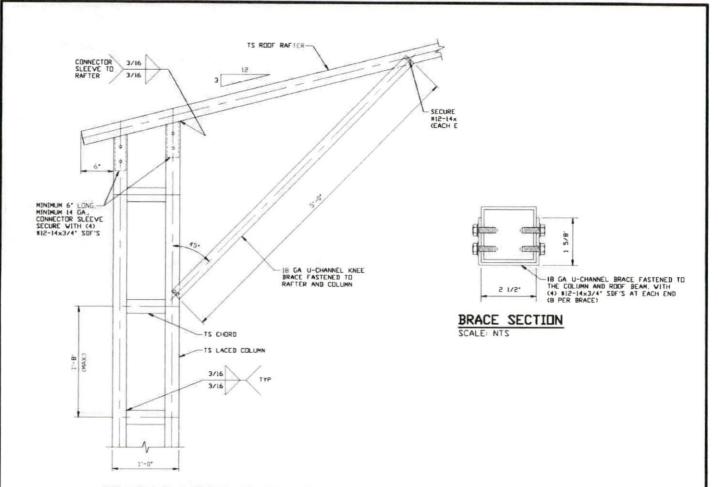


TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION SCALE: NTS

MOORE AND ASSOCIATES	
ENGINEERING AND CONSULTING, INC.	

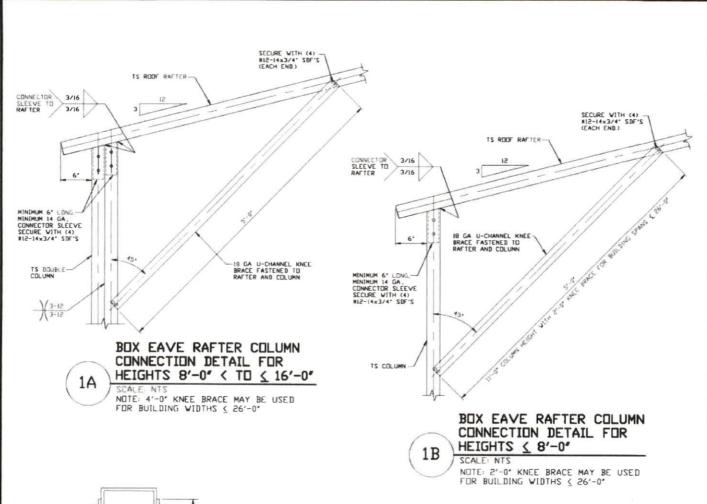
THIS BOCLMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS BOCUMENT IS STRUCTLY PROMUNTED AND ANY DIFTRIMEMENT THEREUPTH MAY BE SUBJECT TO LEGAL ACTION.

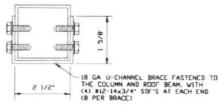
DRAVN BY: JG CHECKED BY: PDH	VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311 RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE			
PROJECT MGR: VSM CLIENT: VEGA METAL	DATE: 10-23-20 SHT. 5A	SCALE: NTS		ND 20193S



BOX EAVE RAFTER COLUMN CONNECTION
DETAIL FOR HEIGHTS 16'-0' < TO \(\) 20'-0'

MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	DRAVN BY: JG CHECKED BY: PDH	F	L STRUCTURES & 0 4047 US HWY 31 RANDLEMAN, NC 2 0'-0" ENCLOSED ST	1 7317
THIS DOCUMENT IS THE PROPERTY OF HOUSE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERVISE USE OF THIS DOCUMENT IS STRUCTLY PROHIBITED AND ANY DIFTENGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	PROJECT HGR: VSM CLIENT: VEGA METAL	DATE: 10-23-20 SHT. 6	SCALE NTS J	IB NO 201935 REV. 0

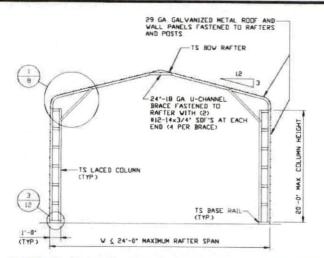




BRACE SECTION

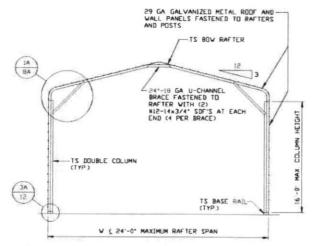
SCALE: NTS

MOORE AND ASSOCIATES	DRAVN BY: JG		STRUCTURES & 4047 US HWY 3 ANDLEMAN, NC			
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH	30-0"x20'-0" ENCLOSED STRUCTURE				
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING, THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PROJECT HGR: VSM	DATE: 10-23-20	SCALE: NTS	JUB ND 20193S		
COSSILTING, THE UNANTHORIZED REPRIDUCTION, COPYING, OR OTHERVISE USE OF THIS DOCUMENT IS STRICTLY PROHIBITED AND ANY DIFRINGENENT THEREUPIN MAY SE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA HETAL	SHT. 6A	DVG. ND SK-3	REV. 0		



TYPICAL RAFTER/COLUMN END FRAME SECTION

SCALE: NTS

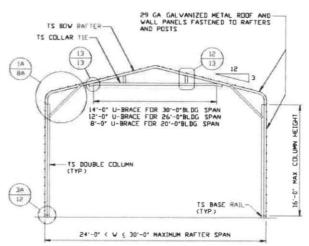


TYPICAL RAFTER/COLUMN END FRAME SECTION SCALE: NTS

29 GA GALVANIZED METAL ROOF AND WALL PANELS FASTENED TO RAFTERS AND POSTS TS BOY RAFTER-TS COLLAR TIE-12 13 1 12]3 14'-0" U-BRACE FOR 30'-0"BLDG SPAN 12'-0" U-BRACE FOR 26'-0"BLDG SPAN 8'-0" U-BRACE FOR 20'-0"BLDG SPAN CBC TS LACED COLUMN MAX (3) 50.-0, TS BASE RAIL 24'-0' (W & 30'-0' MAXIMUM RAFTER SPAN

TYPICAL RAFTER/COLUMN END FRAME SECTION

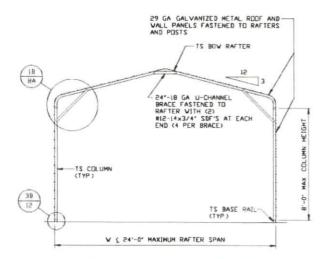
SCALE: NTS



TYPICAL RAFTER/COLUMN END FRAME SECTION

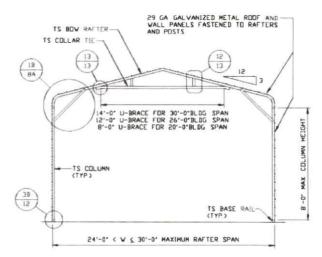
SCALE: NTS

MOORE AND ASSOCIATES	DRAWN BY: JG	CONSTRUCTOR AND PROPERTY.	A METAL STRUCTURES & CONCRETE, LLC 4047 US HWY 311 RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE		
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH				
HIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND DISJULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PROJECT MGR VSM	DATE 10-23-20	SCALE: NTS	JUB	ND 20193S
HIS DOCUMENT IS STRUCTLY PROHUBITED AND ANY DIFRINGEMENT THEREUPON MAY E SUBJECT TO LEGAL ACTION	CLIENT: VEGA HETAL	SHT. 7	DVG. ND SK-3	3	REV. 0

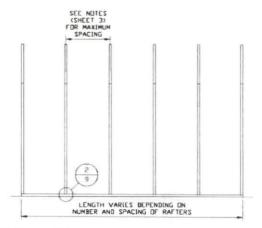


TYPICAL RAFTER/COLUMN END FRAME SECTION

SCALE: NTS



TYPICAL RAFTER/COLUMN END FRAME SECTION

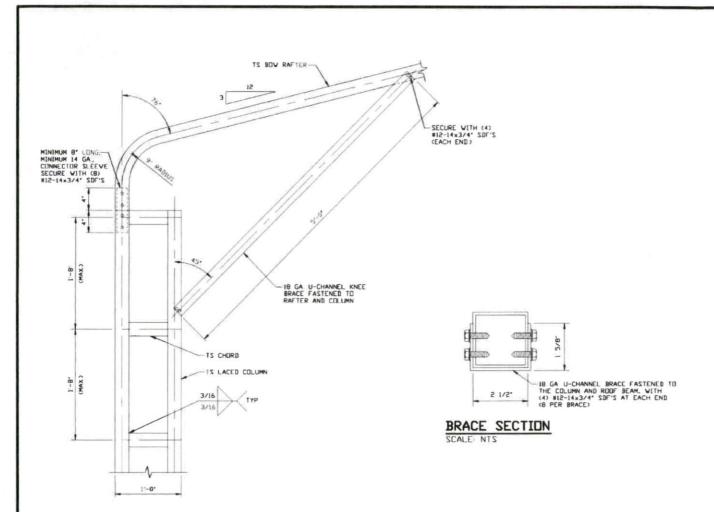


TYPICAL RAFTER/COLUMN FRAMING SIDE SECTION SCALE: NTS

MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.

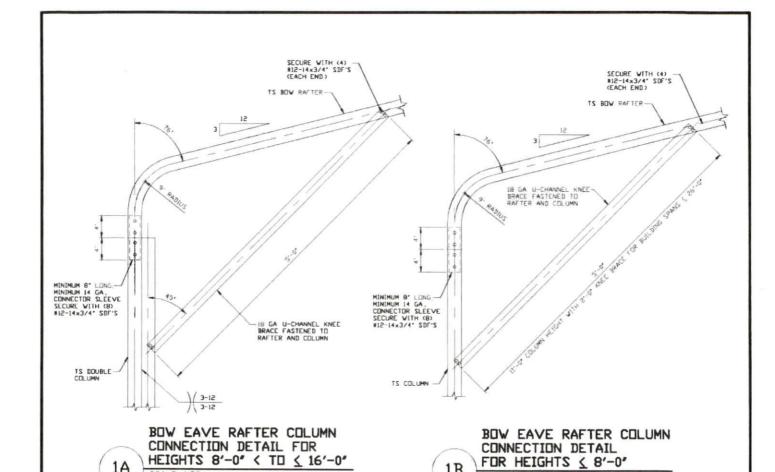
THIS DOCUMENT IS THE PROPERTY OF MODER AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYDIG, OR OTHERWISE USE OF THIS BOCKMENT IS STRICTLY PROHERETED AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.

CHECKED BY: PDH		273 STRI	RUCTURE			
PRELIECT NGR: VSM CLIENT: VEGA METAL	DATE: 10-23-20 SHT. 7A	DVG. ND SK-3	JOB	ND 20193S REV. 0		



BOW EAVE RAFTER COLUMN CONNECTION
DETAIL FOR HEIGHTS 16'-0' < TO \(\) 20'-0'

MOORE AND ASSOCIATES	DRAVN BY: JG		VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311 RANDLEMAN, NC 27317				
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		0'-0" ENCLOSED				
THIS DOCUMENT IS THE PROPERTY OF HOUSE AND ASSOCIATES ENGINEERING AND COMMITTING THE IMMARTINGATION REPORTS CONTINUE TO THE PROPERTY OF THE PR	PROJECT MGR: VSM	DATE: 10-23-20	SCALE: NTS	JOB	ND 20193\$		
CINGULTING THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS DOCUMENT IS STRUCTLY PROHOBITED AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA HETAL	SHT. 8	DVG. NO SK-3		REV. 0		



1B

NOTE: 2'-0" KNEE BRACE MAY BE USED FOR BUILDING WIDTHS & 26'-0"

THE COLUMN AND ROOF BEAM, WITH

(4) #12-14x3/4" SP'S AT EACH END

(8 PER BRACE)

HEIGHTS 8'-0" < T□ ≤ 16'-0"

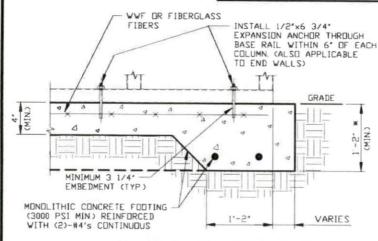
NOTE: 4'-0' KNEE BRACE MAY BE USED FOR BUILDING WIDTHS & 26'-0'

BRACE SECTION

1A

MOORE AND ASSOCIATES	DRAWN BY: JG	VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311					
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		ANDLEMAN, NO 0'-0" ENCLOSED				
GS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND ASSOCIA	PROJECT MGR: VSN	DATE: 10-23-20	SCALE: NTS	JUB ND 201935			
OS BOCLMENT IS STRUCTLY PROHIBITED AND ANY INFROMBEMENT THEREUPON MAY SUBJECT TO LEGAL ACTION.	CLIENT: VEGA HETAL	SHT. 8A	DVG. ND SK-3	REV. 0			

BASE RAIL ANCHORAGE OPTIONS





CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

MINIMUM ANCHOR EDGE DISTANCE IS 4' ■ COORDINATE WITH LOCAL BUILDING CODE AND/OR BUILDING OFFICIAL REGARDING REQUIRED FOOTING DEPTH.

GENERAL NOTES

NOTE: CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 1.500 PSF.

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

COVER OVER REINFORCING STEEL:

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING

PARS SHALL BE PER ACI-318:

3' IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2' ELSEWHERE

REINFORCING STEEL

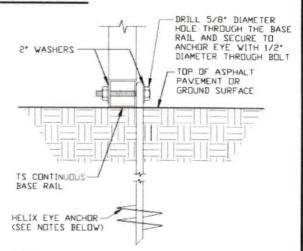
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM AGIS GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED

- REINFORCEMENT IS BENT COLD
- THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS.
 REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT
- BE FIELD BENT

HELIX ANCHOR NOTES:

- I FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, USE MINIMUM (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH MINIMUM 50" EMBEDMENT
- 2 FOR CORAL USE MINIMUM (2) 4' HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT.
- 3 FOR MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4' HELICES WITH MINIMUM 30 INCH EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT
- 4 FOR LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL, USE MINIMUM (2) 6' HELICES WITH MINIMUM 50' EMBEDMENT
- 5 FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) B' HELICES WITH MINIMUM 60' EMBEDMENT



24

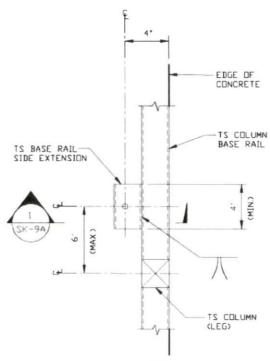
GROUND BASE HELIX ANCHORAGE

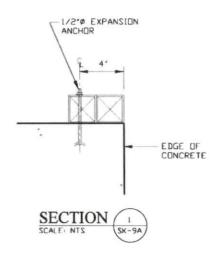
(CAN BE USED FOR ASPHALT)

■ COORDINATE WITH LOCAL CODES/ORD. REGARDING MIN FROST DEPTH (LENGTH).

MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	DRAWN BY: JG	VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311				
	CHECKED BY: PDH	RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE				
THIS DOCUMENT IS THE PROPERTY OF HOORE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PREJECT HER VSH	DATE 10-23-20	SCALE: NTS	JOB	ND 20193S	
THIS DOCUMENT IS STRUCTLY PROFUNCTED AND ANY DIFFED FROM THE RECEPTION MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA METAL	SHT. 9	DVG. ND SK-3		REV. 0	

ADDITIONAL BASE RAIL ANCHORAGE OPTION

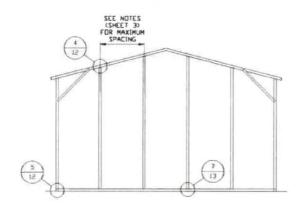




TYPICAL ANCHOR DETAIL WHEN BASE RAIL IS NEAR EDGE OF CONCRETE

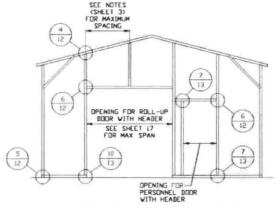
MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	DRAVN BY: JG CHECKED BY: PDH	VEGA METAL STRUCTURES & CONCRETE, LLC 4047 US HWY 311 RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE				
THIS EXCLURENT IS THE PROPERTY OF HEURE AND ASSOCIATES ENGINEERING AND COMBULTING, THE UNAUTHORIZED REPRODUCTION, COPYING, OR DIMERRYISE USE OF THIS EXCLURENT IS STREETLY PROMOBED AND ANY DIFFROMEDIENT THEREUPON MAY BE SUBJUICT TO LEGAL ACTION.		DATE: 10-23-20 SHT. 9A	SCALE: NTS DVG. ND: SK-3	REV. 0		

BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



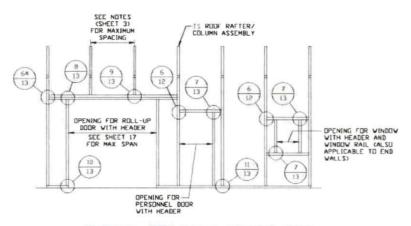
TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

SCALE: NTS



TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS

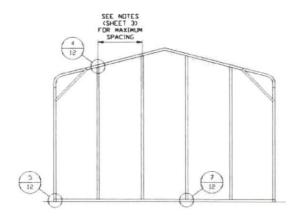


TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

SCALE: NTS

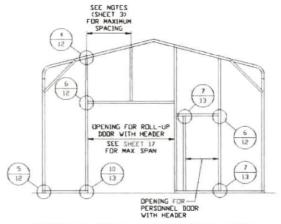
THIS DOCUMENT IS STRUCTLY PROHIBITED AND ANY DIFFINGEMENT THERELIPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA METAL	SHT. 10	DVG. NO SK-3	3	REVJ 0		
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR DTHERVISE USE OF	PROJECT MGR: VSM	DATE: 10-23-20	SCALE: NTS	JOB	ND 20193S		
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		0'-0" ENCLOSED				
MOORE AND ASSOCIATES	DRAWN BY: JG		VEGA METAL STRUCTURES & CONCRETE, LI 4047 US HWY 311 RANDLEMAN, NC 27317				

BOW RAFTER END WALL AND SIDE WALL OPENINGS



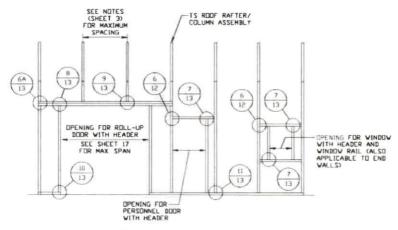
TYPICAL BOW RAFTER END WALL FRAMING SECTION

SCALE: NTS



TYPICAL BOW RAFTER END WALL OPENINGS FRAMING SECTION

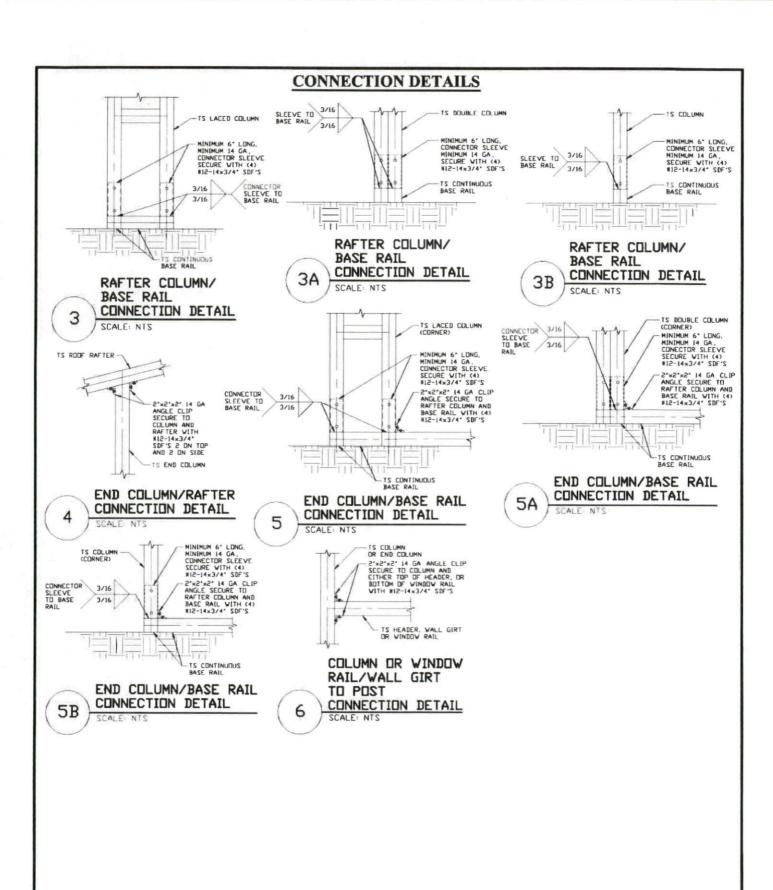
SCALE: NTS



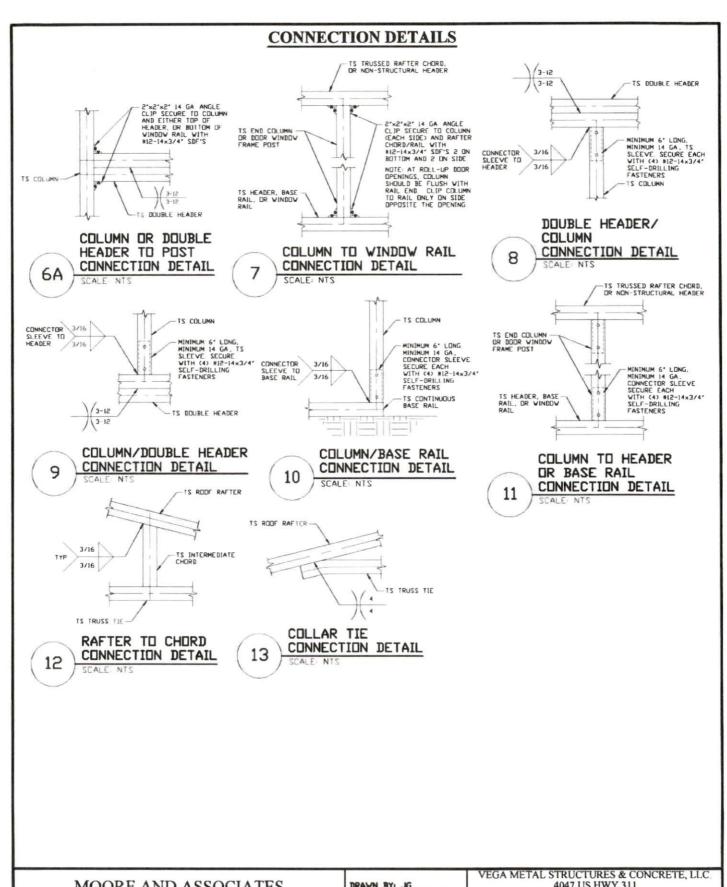
TYPICAL BOW RAFTER SIDE WALL OPENINGS FRAMING SECTION

SCALE: NTS

MOORE AND ASSOCIATES	DRAWN BY: JG	VEGA METAI	'EGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311				
ENGINEEDING AND CONCULTING INC	CHECKED BY: PDH		ANDLEMAN, NC 2 0'-0" ENCLOSED S				
THIS BOOLMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING, THE UNMUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PROJECT HGR VSH	DATE: 10-23-20	SCALE: NTS	OB NO 20193S			
THIS DOCUMENT IS STRUCTLY PROMINETED AND ANY DIFTONGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENTI VEGA HETAL	SHT. 11	DVG. ND SK-3	REVJ 0			

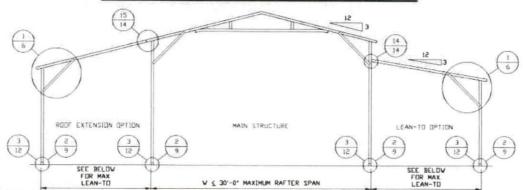


THE BUCLMENT IS STRUCTLY PROPURITED AND ANY INFROMEDIENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA HETAL	SHT. 12	DVG. NO SK-	3	REVJ 0		
THES ROCUMENT IS THE PROPERTY OF HOUSE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UMANITHORIZED REPRODUCTION, COPYDIG, OR OTHERWISE USE OF	PROJECT MGR VSM	DATE: 10-23-20	SCALE: NTS	JUB	20193S		
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		0'-0" ENCLOSE				
MOORE AND ASSOCIATES	DRAWN BY: JG		4047 US HWY 311 RANDLEMAN, NC 27317				



MOORE AND ASSOCIATES	DRAVN BY: JG		311	
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH	RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCT		
THIS DOCUMENT IS THE PROPERTY OF HOUSE AND ASSOCIATES ENGINEERING AND	PROJECT HGR: VSH	DATE: 10-23-20	SCALE: NTS	JUB ND 201935
CONSULTING. THE UNAUTHORIZED REPRIDUCTION, COPYING, OR DITHERVISE USE OF THIS DOCUMENT IS STRICTLY PROHIBITED AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENTI VEGA HETAL	SHT. 13	DVG. ND SK-3	REV. 0

BOX EAVE RAFTER LEAN-TO OPTIONS



TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN)

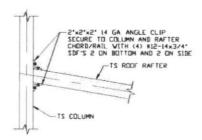
SCALE: NTS

MAXIMUM WIDTH OF SINGLE MEMBER ROOF EXTENSION AND LEAN-TO IS 10'-0"

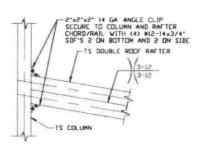
MAXIMUM WIDTH OF DOUBLE MEMBER ROOF EXTENSION AND LEAN-TO IS 16'-0"

MAXIMUM WIDTH OF LACED MEMBER ROOF EXTENSION AND LEAN-TO IS 20'-0".

FOR SHARED COLUMN HEIGHTS REFERENCE RAFTER COLUMN CONNECTION DETAILS FOR APPROPRIATE COLUMN HEIGHT AND TUBING SPECIFICATIONS.

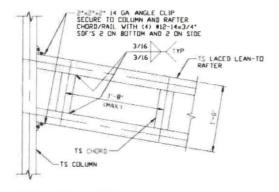


LEAN-TO RAFTER TO RAFTER COLUMN CONNECTION DETAIL FOR RAFTER SPANS ≤ 10'-0'



LEAN-TO RAFTER TO RAFTER
COLUMN CONNECTION DETAIL

FOR RAFTER SPANS 10'-0' < TO \(\lefta \) 16'-0'



LEAN-TO RAFTER TO RAFTER
COLUMN CONNECTION DETAIL
FOR RAFTER SPANS 16'-0' < TO \(\subseteq 20'-0' \)
SCALE: NTS

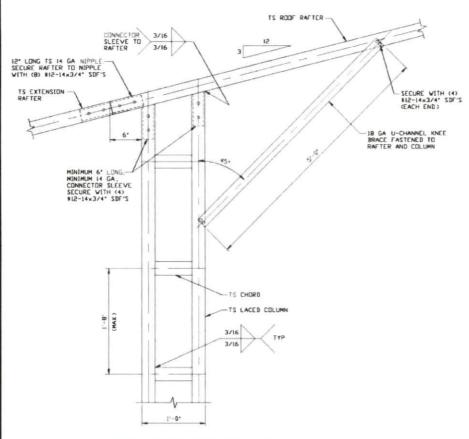
MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.

THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNMUTHORIZED REPRODUCTION, COPYENG, OR OTHERWISE USE OF THIS DOCUMENT IS STRICTLY PROHUBITED AND ANY INFRONCEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.

14B

	CLIENTI VEGA HETAL	SHT. 14	DVG. NO SK-	3	REV. 0				
	PROJECT HGR VSH	DATE: 10-23-20	SCALE: NTS	JOB	20193S				
١.	CHECKED BY: PDH		RANDLEMAN, 1 0'-0" ENCLOSE						
	DRAWN BY: JG		4047 US HW						

BOX EAVE RAFTER LEAN-TO OPTION FOR RAFTER SPANS ≤ 10'-0"



SIDE EXTENSION RAFTER/ COLUMN DETAIL FOR HEIGHTS 16'-0" < T□ < 20'-0" 15

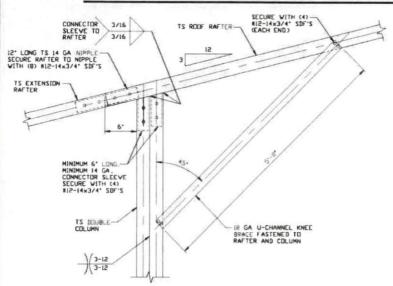
MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING, INC.

	IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND
	E UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERVISE USE OF
	IS STRICTLY PROHIBITED AND ANY DERDIGEMENT THEREUPON MAY
BE SUBJECT IN	LEGAL ACTION

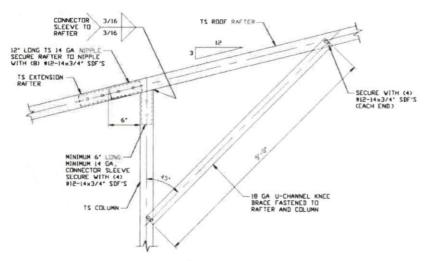
DRAWN BY: JG CHECKED BY: PDH	VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311 RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE				
PROJECT HGR: VSN	DATE: 10-23-20	SCALE: NTS	JUB	ND 20193S	
CLIENTI VEGA METAL	SHT. 14A	DWG. NO SK-3	3	REV. 0	

SHT. 14A

BOX EAVE RAFTER LEAN-TO OPTIONS FOR RAFTER SPANS ≤ 10'-0"



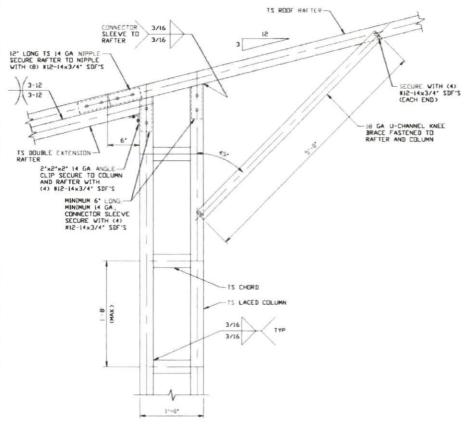
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 12'-0' < TO < 16'-0'
SCALE: NTS



SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS & 12'-0'

MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	DRAWN BY: JG CHECKED BY: PDH	VEGA METAL STRUCTURES & CONCRETE, LLC 4047 US HWY 311 RANDLEMAN, NC 27317 30-0"×20'-0" ENCLOSED STRUCTURE			
THIS DOCUMENT IS THE PROPERTY OF MOURE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF RESOLUCT IS STRICTLY PROFUNEITED AND ANY INFRINCEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.		DATE: 10-23-20	Language and the	JUB ND 501532	

BOX EAVE RAFTER LEAN-TO OPTION FOR RAFTER SPANS 10'-0" < TO ≤ 16'-0"



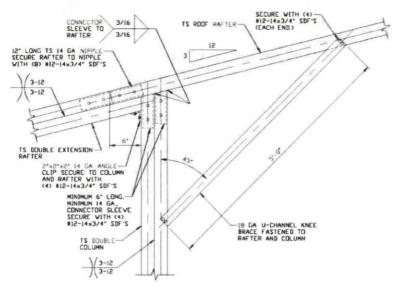
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 16'-0' < TO < 20'-0'

MOORE AND ASSOCIATES	
ENGINEERING AND CONSULTING, INC.	

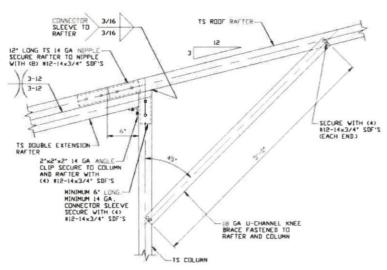
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERVISE USE OF THIS DOCUMENT IS STRICTLY PROPUBLIED AND ANY DIFROMERIENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.

CHECKED BY: PDH PREJECT HGR: VSM	RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE DATE: 10-23-20 SCALE: NTS JUB ND: 201938				
CLIENT: VEGA METAL	SHT. 14C	DVG. NO SK-		REV. 0	

BOX EAVE RAFTER LEAN-TO OPTIONS FOR RAFTER SPANS 10'-0" < TO ≤ 16'-0"



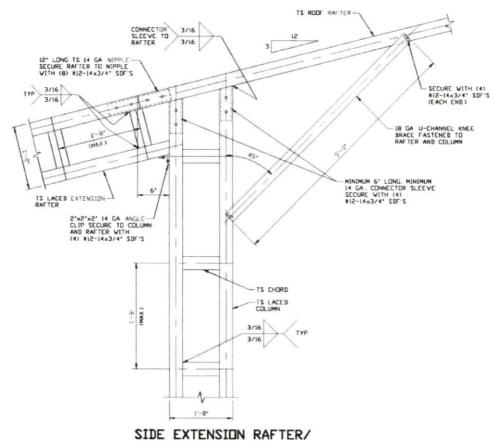
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 12'-0' < TO < 16'-0'
SCALE: NTS



SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS & 12'-0'

MOORE AND ASSOCIATES	DRAVN BY: JG				
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		RANDLEMAN, 1 0'-0" ENCLOSE		
THIS DOCUMENT IS THE PROPERTY OF HEIGHE AND ASSOCIATES ENGINEERING AND JOHN THE UNAUTHORIZED REPRODUCTION, COPYDIA, OR OTHERWISE USE OF	PROJECT HGR: VSM	DATE: 10-23-20	SCALE NTS	JOB	ND 20193\$
THIS DOCUMENT IS STRUCTLY PROHUNTED AND ANY DIFFERMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENTI VEGA HETAL	SHT. 14D	DVG. ND SK-	3	REVA 0

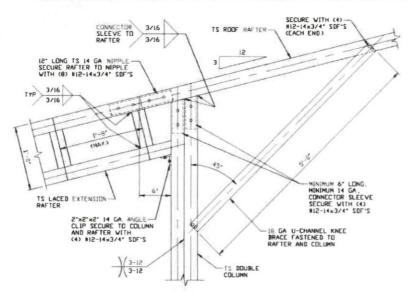
BOX EAVE RAFTER LEAN-TO OPTION FOR RAFTER SPANS 16'-0" < TO ≤ 20'-0"



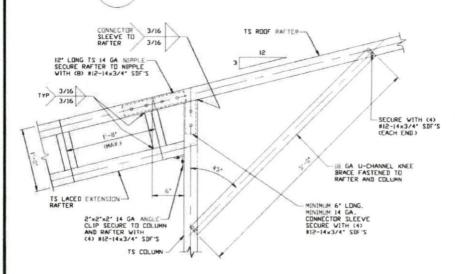
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 16'-0' < TO \(\) 20'-0'

MOORE AND ASSOCIATES	DRAWN BY: JG		STRUCTURES & 4047 US HWY 3 ANDLEMAN, NC	2020733037
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		D'-0" ENCLOSED S	
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHERIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PROJECT HGR: VSM	DATE: 10-23-20	SCALE: NTS	ATB NO 20193S
CORSULTING THE UNMITHERIZED REPRODUCTION, COPYING, OR OTHERVISE USE OF THE BOURDERY IS STREETLY PROMORTED AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA HETAL	SHT. 14E	DVG. NO SK-3	REVJ 0

BOX EAVE RAFTER LEAN-TO OPTIONS FOR RAFTER SPANS 16'-0" < TO ≤ 20'-0"



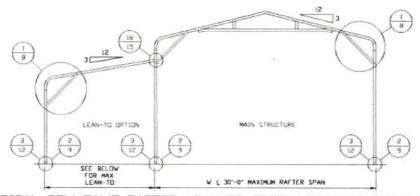
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 12'-0' < TO < 16'-0'
SCALE: NTS



SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS & 12'-0'

MOORE AND ASSOCIATES	DRAWN BY: JG		L STRUCTURES 4047 US HWY RANDLEMAN, N		C.
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		0'-0" ENCLOSEI		
THIS DOCUMENT IS THE PROPERTY OF MOURE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PROJECT HGR: VSM	DATE: 10-23-20	SCALE: NTS	JUB NO 201938	_
THIS DOCUMENT IS STRICTLY PROHIBITED AND ANY DIFRONGENENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA METAL	SHT. 14F	DVG. ND SK-3	3 REV. 0	

BOW EAVE RAFTER LEAN-TO OPTION



TYPICAL BOW EAVE RAFTER LEAN-TO OPTION FRAMING SECTION

SCALE: NTS

MAXIMUM WIDTH OF SINGLE MEMBER ROOF EXTENSION AND LEAN-TO IS 10'-0'.

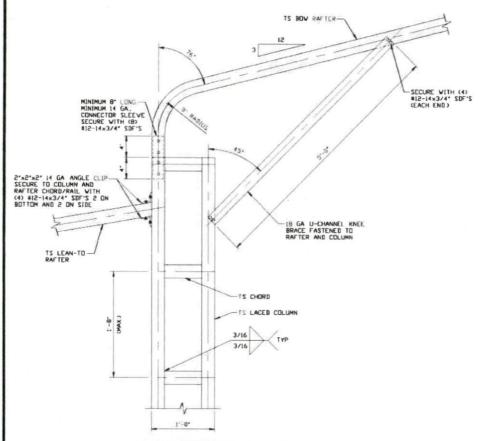
MAXIMUM WIDTH OF DOUBLE MEMBER ROOF EXTENSION AND LEAN-TO IS 16'-0'

MAXIMUM WIDTH OF LACED MEMBER ROOF EXTENSION AND LEAN-TO IS 20'-0'

FOR SHARED COLUMN HEIGHTS REFERENCE RAFTER COLUMN CONNECTION DETAILS FOR APPROPRIATE COLUMN HEIGHT AND TUBING SPECIFICATIONS.

MOORE AND ASSOCIATES	DRAWN BY: JG		VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311 RANDLEMAN, NC 27317			
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		0'-0" ENCLOSED			
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PROJECT HGR: VSH	DATE: 10-23-20	SCALE: NTS	JUB ND 501532		
CHESIL THIS. THE LIMMTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS BOOLMENT IS STRUCTLY PROMISETED AND ANY DEPROMEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA METAL	SHT. 15	DVG. NO SK-3	REVJ 0		

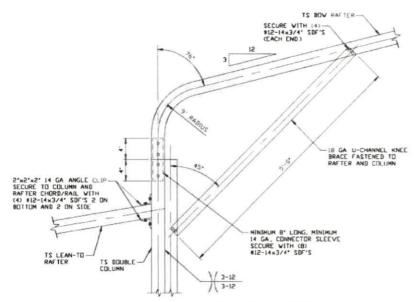
BOW EAVE RAFTER LEAN-TO OPTION FOR RAFTER SPANS ≤ 10'-0"



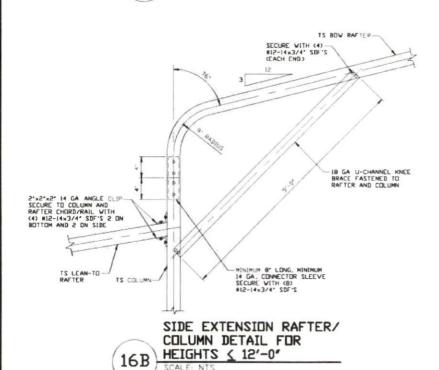
SIDE EXTENSION RAFTER/ COLUMN DETAIL FOR HEIGHTS 16'-0' < T□ < 20'-0' 16

THIS BOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS BOCUMENT IS STRICTLY PRODUCTION AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA HETAL	SHT. 15A	DVG. ND SK-3	REVA 0		
	PROJECT HGR: VSH	DATE: 10-23-20	SCALE: NTS	JUB ND 20193S		
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH	RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE				
MOORE AND ASSOCIATES	DRAWN BY: JG	VEGA METAL STRUCTURES & CONCRETE, 4047 US HWY 311				

BOW EAVE RAFTER LEAN-TO OPTIONS FOR RAFTER SPANS ≤ 10'-0"

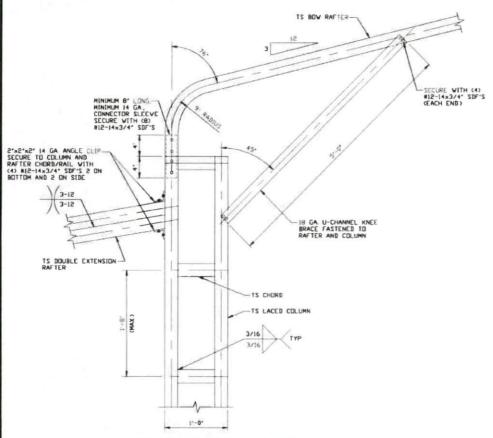


SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 12'-0" < TO < 16'-0"



HES DOCUMENT IS STRUCTLY PROMIBITED AND ANY DIFRINGEMENT THERELIPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENTI VEGA METAL	SHT. 15B	DVG. ND SK-3	REV. 0		
THIS DOCUMENT IS THE PROPERTY OF HOURE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNANTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PROJECT HGR: VSH	DATE 10-23-20	SCALE: NTS	JOB NO 2019	286	
ENCINEEDING AND CONSULTING INC	CHECKED BY: PDH	RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTUR			Е	
MOORE AND ASSOCIATES	DRAWN BY: JG	VEGA METAL STRUCTURES & CONCRETE, I 4047 US HWY 311				

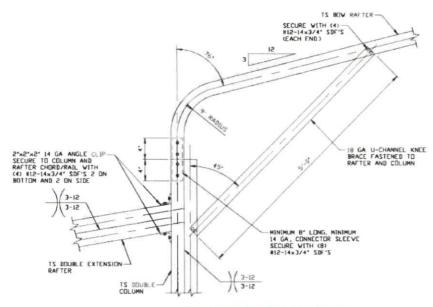
BOW EAVE RAFTER LEAN-TO OPTION FOR RAFTER SPANS 10'-0" < TO ≤ 16'-0"



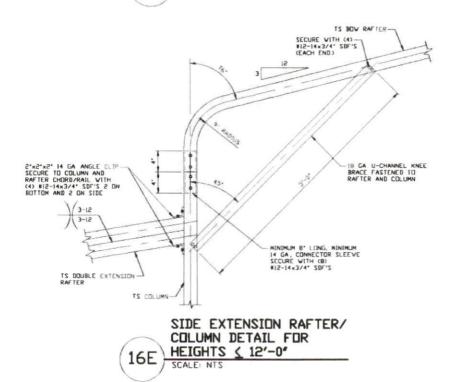
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 16'-0' (TO (20'-0')
SCALE: NTS

MOORE AND ASSOCIATES	ASSOCIATES BRAVN BY: JG			VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311				
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH		RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE					
THES EXCLIMENT IS THE PROPERTY OF MEDIE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNANTHORIZED REPRODUCTION, COPYING, OR DTHERYSE USE OF	PROJECT HIGH WSH	DATE: 10-23-20	SCALE: NTS	JOB	ND 20193S			
THIS EXCURENT IS STREETLY PREMEMETED AND ANY INFROMEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENTI VEGA HETAL	SHT. 15C	DVG. NO SK-3		REVJ 0			

BOW EAVE RAFTER LEAN-TO OPTIONS FOR RAFTER SPANS 10'-0" < TO ≤ 16'-0"

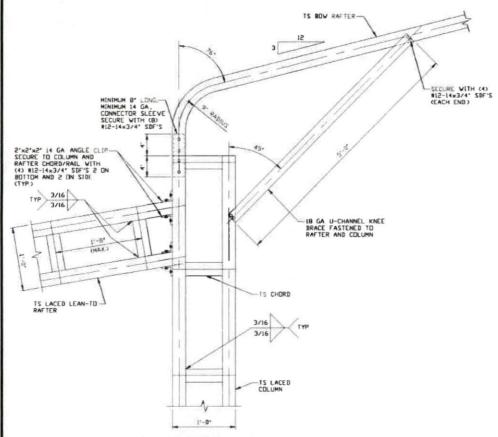


SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 12'-0' < TO < 16'-0'
SCALE: NTS



MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	DRAVN BY: JG CHECKED BY: PDH	VEGA METAL STRUCTURES & CONCRETE, LI 4047 US HWY 311 RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE		
THIS BOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS BOCUMENT IS STRICTLY PROMOBITED AND ANY DIFTONGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	PRELIECT HER: VSM CLIENT: VEGA HETAL	DATE: 10-23-20 SHT. 15D	SCALE: NTS DWG. ND: SK-3	JOB NO 20193\$

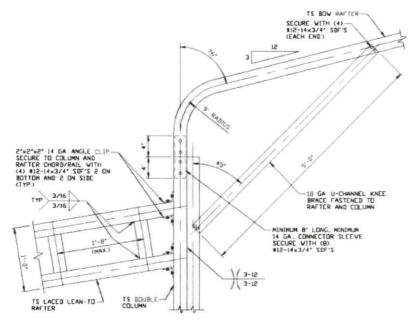
BOW EAVE RAFTER LEAN-TO OPTION FOR RAFTER SPANS 16'-0" < TO ≤ 20'-0"



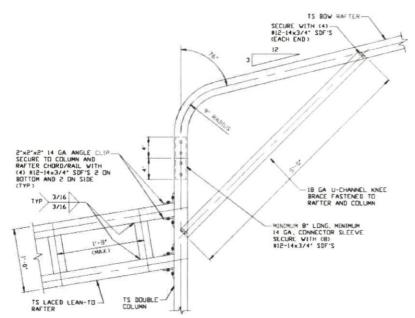
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 16'-0' (TO (20'-0')
SCALE: NTS

THIS DISCREENT IS STRICTLY PREMINETED AND ANY DIFFERMENENT THERELIPIN MAY BE SUBJECT TO LEGAL ACTION.	THEREUPEN MAY CLIENT: VEGA METAL		DAC NO 2K-3		REV. 0		
THIS DOCUMENT IS THE PROPERTY OF MODIE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNMAINDRIZED REPRODUCTION, COPYING, OR DTHERWISE USE OF	PROJECT HGR: VSM	DATE: 10-23-20	SCALE: NTS	JUB	ND 20193S		
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH	RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE					
MOORE AND ASSOCIATES	DRAWN BY: JG		VEGA METAL STRUCTURES & CONCRETE, LI 4047 US HWY 311				

BOW EAVE RAFTER LEAN-TO OPTIONS FOR RAFTER SPANS 16'-0" < TO ≤ 20'-0"



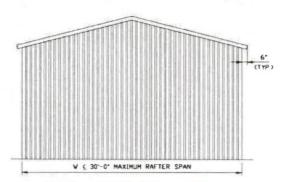
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 12'-0' < TO < 16'-0'



SIDE EXTENSION RAFTER/COLUMN DETAIL FOR HEIGHTS & 12'-0'

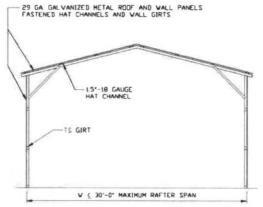
THIS BOCUMENT DE THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED INFORMATION COMPYING, OR OTHERWISE USE OF THIS SOCIAMENT IS STRUCTLY PROHOBITED AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: VEGA HETAL	SHT. 15F	DVG. NO SK-3		REV. 0
THIS DOCUMENT IS THE PROPERTY OF HOUSE AND ASSOCIATES ENGINEERING AND	PROJECT HGR: VSH	DATE: 10-23-20	SCALE: NTS	JOB	ND 20193S
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH	RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE			
MOORE AND ASSOCIATES	DRAWN BY: JG		4047 US HWY	311	,

BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



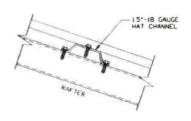
TYPICAL END ELEVATION VERTICAL ROOF/SIDING

SCALE: NTS



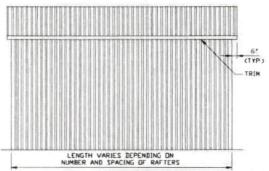
TYPICAL SECTION VERTICAL ROOF/SIDING OPTION

SCALE: NTS



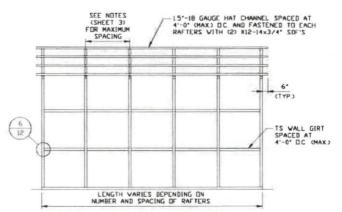
PANEL ATTACHMENT

(ALTERNATE FOR VERTICAL ROOF PANELS)
SCALE: NTS



TYPICAL SIDE ELEVATION VERTICAL ROOF/SIDING

SCALE: NTS



TYPICAL FRAMING SECTION VERTICAL ROOF/SIDING OPTION

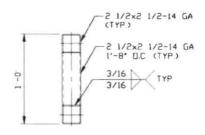
SCALE: NTS

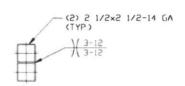
MOORE AND ASSOCIATES	DR
ENGINEERING AND CONSULTING, INC.	
THIS DOCUMENT IS THE PROPERTY OF MOURE AND ASSOCIATES ENGINEERING AND	PR

	E PROPERTY OF MODERE AND ASSOCIATES ENGINEERING AND
	UTHORIZED REPRODUCTION, COPYING, OR OTHERVISE USE OF
THIS DOCUMENT IS ST	RICTLY PROMISETED AND ANY DIFFEDERAT THEREUPON MAY
BE SUBJECT TO LEGAL	LACTION

DRAWN BY: JG CHECKED BY: PDH	<u> </u>	VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311 RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE			
PROJECT HGR: VSH	DATE: 10-23-20	SCALE: NTS	JOB	ND 20193S	
CLIENTI VEGA HETAL	SHT. 16	DVG. NO SK-3		REV. 0	

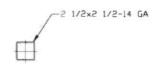
SIDE WALL HEADER OPTIONS





HEADER DETAIL FOR DOOR OPENINGS 10'-0" < LENGTHS ≤ 16'-0"

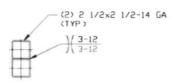
HEADER DETAIL FOR DOOR OPENINGS 6'-0" < LENGTHS ≤ 10'-0"



HEADER DETAIL FOR DOOR OPENINGS LENGTHS ≤ 6'-0"

SCALE: NTS

END WALL HEADER OPTIONS



HEADER DETAIL FOR DOOR OPENINGS



HEADER DETAIL FOR DOOR OPENINGS LENGTHS & 13'-0'

MOORE AND ASSOCIATES	DRAWN BY: JG	VEGA METAL STRUCTURES & CONCRETE, LLC. 4047 US HWY 311			
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH	RANDLEMAN, NC 27317 30-0"x20'-0" ENCLOSED STRUCTURE			
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSICIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF	PROJECT MGR: VSM	DATE: 10-23-20	SCALE: NTS J	DB ND 20193S	
THIS DOCUMENT IS STRUCTLY PROMUNTED AND ANY INFRENGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENTI VEGA HETAL	SHT. 17 DVG. ND SK-3		REVJ 0	