



STRUCTURAL DESIGN ENCLOSED BUILDING

MAXIMUM 30'-0" WIDE X 16'-0" EAVE HEIGHT-BOX EAVE FRAME

2 September 2020 Revision 4 M&A Project No. 18184S/18348S/19129S/20229S

Prepared for:

JR Buildings and Garages 316 Nelson Street Pilot Mountain, NC 27041

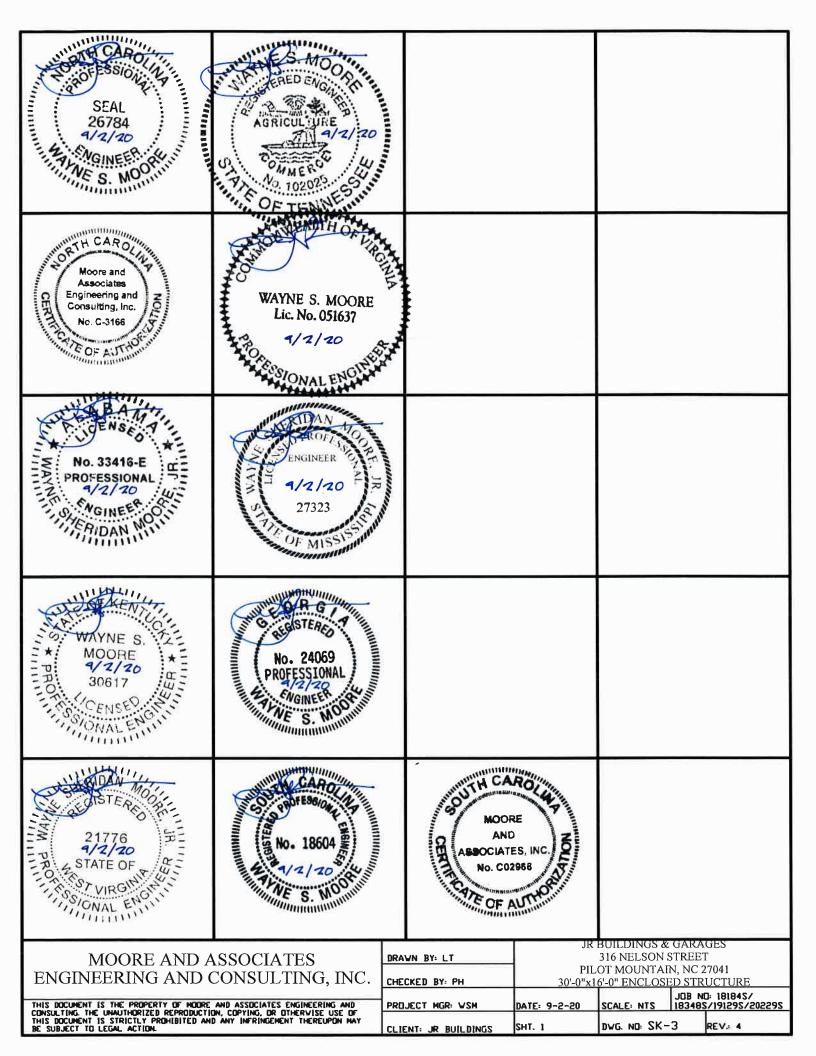
Prepared by:

Moore and Associates Engineering and Consulting, Inc.

1009 East Avenue North Augusta, SC 29841

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





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MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC. DRAWN BY: LT 316 NELSON STREET PILOT MOUNTAIN, NC 2 30'-0"x16'-0" ENCLOSED STR	27041

INSTALLATION NOTES AND SPECIFICATIONS

- 1. DESIGN IS FOR MAXIMUM 30'-0' WIDE \times 16'-0' EAVE HEIGHT ENCLOSED STRUCTURES.
- 2. DESIGN WAS DONE IN ACCORDANCE WITH THE 2018 NORTH CAROLINA BUILDING CODE, 2018 INTERNATIONAL BUILDING CODE (IBC), 2015 IBC, 2012 IBC AND 2009 IBC.
- 3. DESIGN LOADS ARE AS FOLLOWS:

A) DEAD LOAD = 1.5 PSF
B) LIVE LOAD = 12 PSF
C) GROUND SNOW LOAD = 35 PSF

= 30 PSF (W < 24'-0" WITH U-CHANNEL COLLAR TIE)

- * DIFFERENTIAL LOADING DUE TO SNOW DRIFT NOT ANALYZED.
- 4. ULTIMATE 3-SECOND GUST WIND SPEED (V_{ULT}) = \leq 145 MPH (NOMINAL WIND SPEED = \leq 112 MPH). 5. MAXIMUM RAFTER/COLUMN AND END COLUMN SPACING = 5.0 FEET (UNLESS NOTED OTHERWISE).
- 6. END WALL COLUMNS/POSTS AND SIDEWALL COLUMNS/POSTS AND ARE SIMILAR IN SIZE AND SPACING (UNLESS NOTED OTHERWISE).
- 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 OTHERWISE).
- 10. AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR HAT CHANNELS, AND COLUMNS (INTERIOR OR END) = 8 INCHES.
- 11. FASTENERS CONSIST OF #12-14x3/4" SELF-DRILLING FASTENER (SDF), USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS.

 SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 16 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. GROUND ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6' OF EACH COLUMN.
- 13. STANDARD GROUND ANCHORS (SOIL NAILS) CONSIST OF #4 REBAR W/ WELDED NUT × 30' LONG. SOIL NAILS MAY BE USED FOR WIND SPEEDS

 (145 MPH AND IN SUITABLE SOIL CONDITIONS. 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

R = 3.25 $I_E = 1.0$ $V = C_S W$

 $S_{D1} = 1.258 g$

		JR	BUILDINGS &	GARA	GES
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ENGINEERING AND CONSULTING, INC.	CHECKED BY: PH	30'-0"x1	6'-0" ENCLOSE	ED STR	UCTURE
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FLASHING BOX EAVE FRAME RAFTER STRUCTURE VINDUW (AS APPLICABLE) GOVERNMENT OF THE PERSONNEL DOOR (AS APPLICABLE) FLASHING FLASHING OF THE PERSONNEL DOOR (AS APPLICABLE) FLASHING OF THE PERSONNEL DOOR (AS APPLICABLE) FLASHING FLASHING

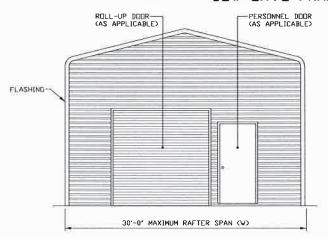
LENGTH VARIES DEPENDING IN NUMBER AND SPACING OF RAFTERS TYPICAL SIDE ELEVATION

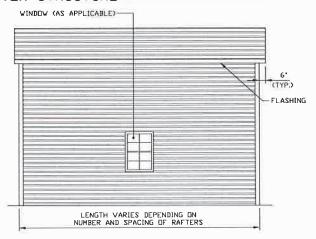
TYPICAL END ELEVATION

SCALE: NTS

SCALE: NTS

BOW EAVE FRAME RAFTER STRUCTURE





TYPICAL END ELEVATION

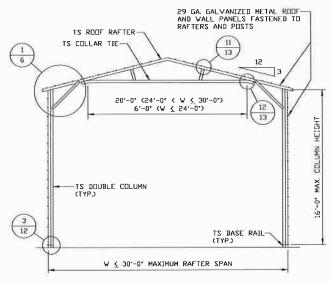
SCALE: NTS

TYPICAL SIDE ELEVATION

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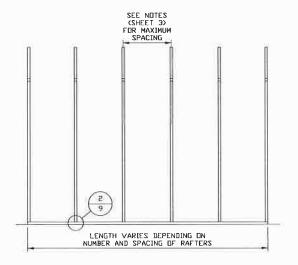
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PILOT MOUNTAIN, NC 27041						
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TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

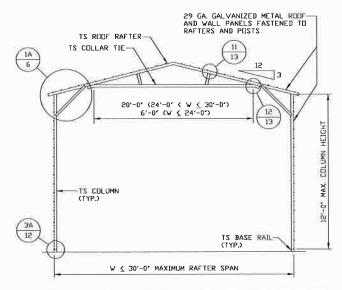
29 GA. GALVANIZED METAL ROOF-AND WALL PANELS FASTENED TO RAFTERS AND POSTS 18 GA, U-CHANNEL-TS ROOF RAFTER 6 13 12 6'-0" (20'-0" < W < 24'-0") 3'-0' (₩ < 20'-0") HEIGHT CDLUMN MAX. TS DOUBLE COLUMN 16'-0" 3 TS BASE RAIL-W & 24'-0' MAXIMUM RAFTER SPAN

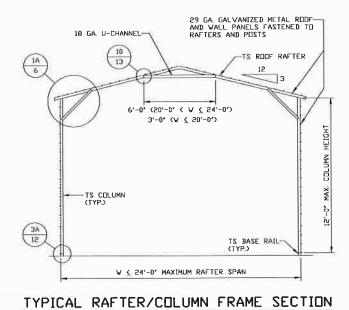
TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: NTS



TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

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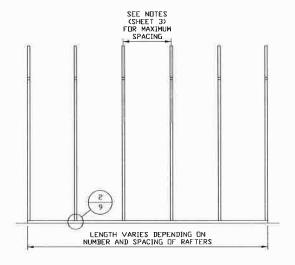




TYPICAL RAFTER/COLUMN FRAME SECTION

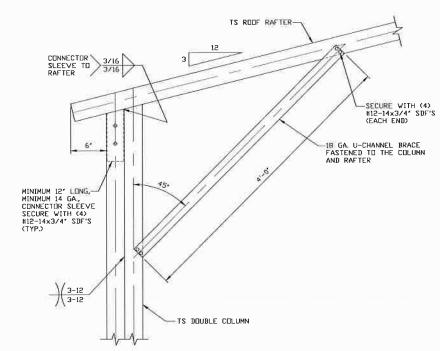
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TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	DRAWN BY: LT	PIL	BUILDINGS & 316 NELSON S OT MOUNTAI 6'-0" ENCLOSE	STREET N, NC 2	Γ 27041
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18 GA. U-CHANNEL BRACE FASTENED
TO THE COLUMN AND ROOF RAFTER,
WITH (4) HI2-14×3/4' SDF'S AT EACH
END (8 PER BRACE)

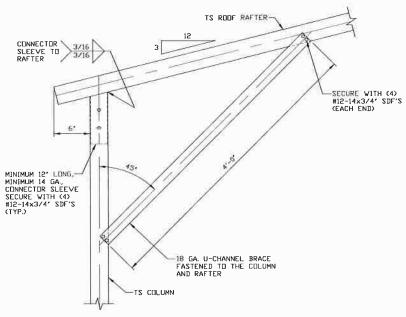
BRACE SECTION

SCALE: NTS

BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS 12'-0" < TO < 16'-0"

SCALE: NTS

NOTE: 2'-0' KNEE BRACE MAY BE USED FOR BUILDING WIDTHS ≤ 24'-0'.



BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS ≤ 12'-0"

SCALE: NTS

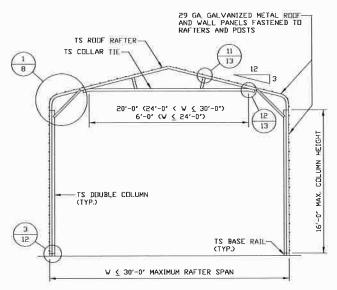
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NDTE: 2'-0' KNEE BRACE MAY BE USED FOR BUILDING WIDTHS \(24'-0' \) AND \(\) 11'-0' EAVE HEIGHT

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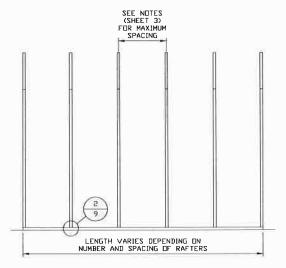
Ť		JR	BUILDINGS &	GARA	GES		
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	CLIENT: JR BUILDINGS	SHT. 6	DWG. NO: SK-	3	REV: 4		



TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

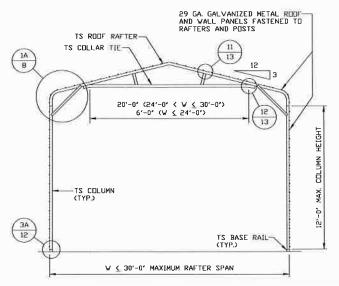
29 GA GALVANIZED METAL ROOF— AND WALL PANELS FASTENED TO RAFTERS AND POSTS 18 GA. U-CHANNEL-10 TS ROOF RAFTER 13 12 6'-0' (20'-0' < W (24'-0') 3,-0, (A ₹ 50,-0,) HEIGHT COLUMN TS DOUBLE COLUMN MAX 16'-0" 3 12 TS BASE RAIL-W < 24'-0' MAXIMUM RAFTER SPAN

TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS



TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

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TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: NTS

29 GA GALVANIZED METAL ROOF
AND WALL PANELS FASTENED TO
RAFTERS AND POSTS

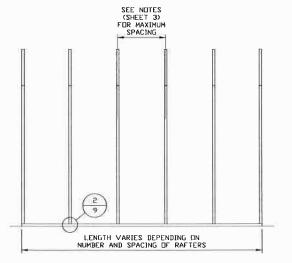
10
13
15 ROOF RAFTER
12
37-0' (V (20'-0')

TS COLUMN
(TYP.)

TS BASE RAIL
(TYP.)

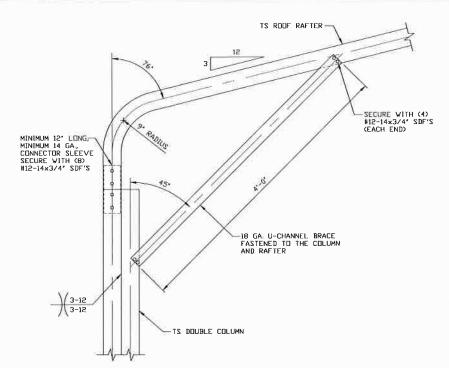
V (24'-0' MAXIMUM RAFTER SPAN

TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS



TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

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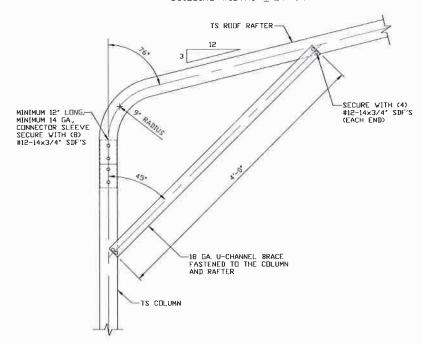
18 GA U-CHANNEL BRACE FASTENED TIO THE COLUMN AND ROOF RAFTER, VITH (4) B12-14x3/4' SDF'S AT EACH END (8 PER BRACE) BRACE SECTION SCALE: NTS

BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS 12'-0" < TO < 16'-0"

SCALE: NTS NOTE: 2'-0' KNEE BRACE MAY BE USED FOR BUILDING WIDTHS ≤ 24'-0'.

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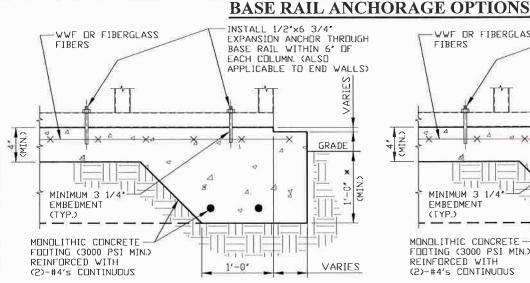
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BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS ≤ 12'-0"

SCALE: NTS
NOTE: 2'-0' KNEE BRACE MAY BE USED
FOR BUILDING WIDTHS < 24'-0'
AND < 11'-0' EAVE HEIGHT

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CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

SCALE: NTS 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:

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 BARS 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 A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

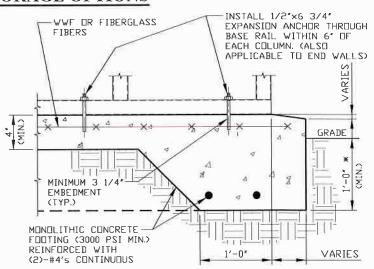
REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

- REINFORCEMENT IS BENT COLD.
- 2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS.

 3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT

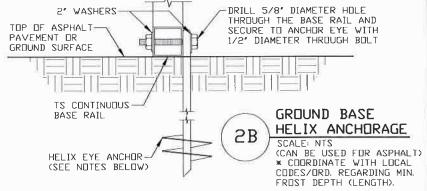
HELIX ANCHOR NOTES:

- 1. 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 LODSE 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) 8' HELICES WITH MINIMUM 60' EMBEDMENT.



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.

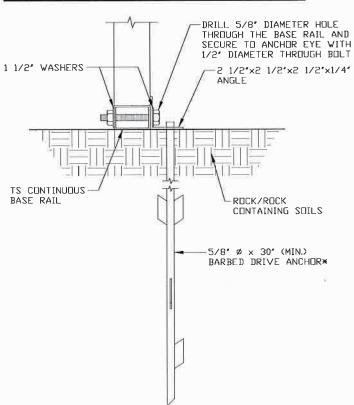


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	PII	PILOT MOUNTAIN, NC 27041				
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CLIENT: JR BUILDINGS	SHT. 9	DWG. NO: SK-	-3	REV.: 4		

BASE RAIL ANCHORAGE OPTIONS



2C

BARBED DRIVE ANCHORAGE

SCALE: NTS * COORDINATE WITH LOCAL CODES/ORD. REGARDING MINIMUM FROST DEPTH REQ.

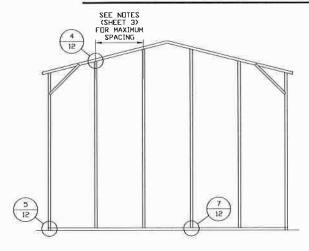
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	CLIENT: JR BUILDINGS	SHT. 9A	DVG. NO: SK-	.3	REV: 4

CLIENT: JR BUILDINGS

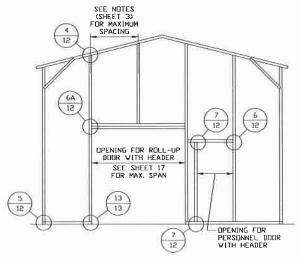
JR BUILDINGS & GARAGES

BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



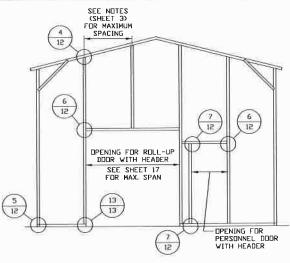
TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

SCALE: NTS



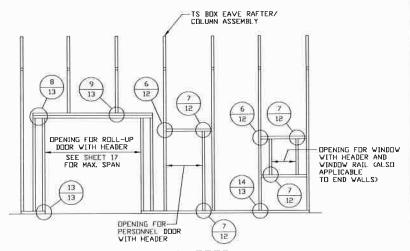
TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS



TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS



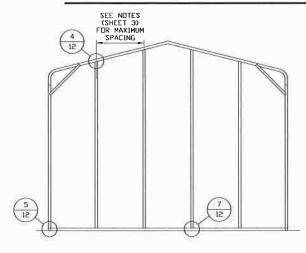
TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

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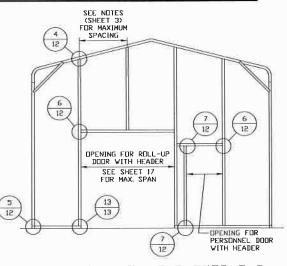
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ľ		PILOT MOUNTAIN, NC 27041				
J	CHECKED BY: PH	30'-0"x16'-0" ENCLOSED STRUCTURE				
	PROJECT MGR: VSM	DATE: 9-2-20	SCALE: NTS		D: 181845/ 5/191295/202295	
j	CLIENT: JR BUILDINGS	SHT. 10	DVG. ND: SK-	3	REV: 4	

BOW EAVE RAFTER END WALL AND SIDE WALL OPENINGS



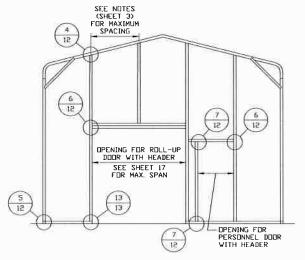
TYPICAL BOW EAVE RAFTER END WALL FRAMING SECTION

SCALE: NTS



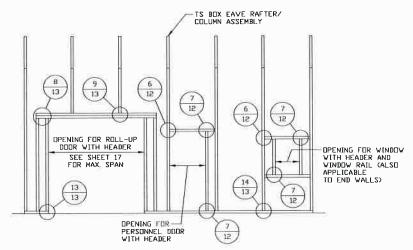
TYPICAL BOW EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS



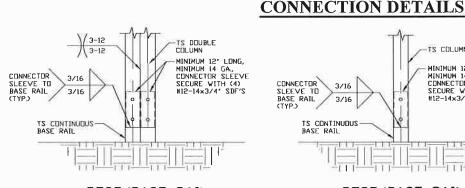
TYPICAL BOW EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS

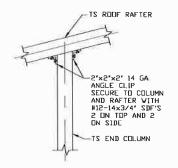


TYPICAL BOW EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

MOODE AND AGGOCIATED	DRAWN BY: LT		BUILDINGS & 316 NELSON		
MOORE AND ASSOCIATES	DRAWN BI- LI	PILOT MOUNTAIN, NC 27041			
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PH	30'-0"x1	30'-0"x16'-0" ENCLOSED STRUCTURE		
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TS COLUMN MINIMUM 12' LONG, MINIMUM 14 GA., CONNECTOR SLEEVE SECURE WITH (4) #12-14x3/4' SDF'S CONNECTOR SLEEVE TO BASE RAIL (TYP.) 3/16 3/16 TS CONTINUOUS BASE RAIL



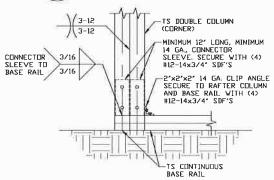
POST/BASE RAIL CONNECTION DETAIL 3 SCALE: NTS

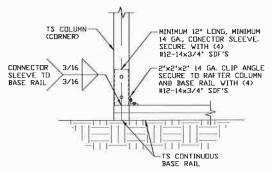


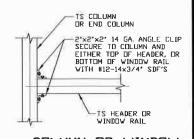


4

6



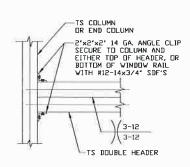


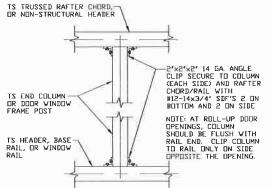


END COLUMN/BASE RAIL CONNECTION DETAIL

END COLUMN/BASE RAIL CONNECTION DETAIL 5A SCALE: NTS

COLUMN OR WINDOW RAIL/WALL GIRT TO POST CONNECTION DETAIL SCALE: NTS





COLUMN OR WINDOW RAIL TO POST CONNECTION DETAIL 6A SCALE: NTS

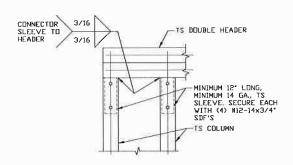
COLUMN TO HEADER, BASE RAIL, OR WINDOW RAIL CONNECTION DETAIL SCALE: NTS

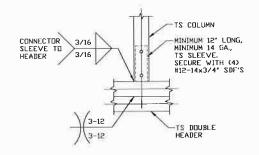
MOORE AND ASSOCIATES	
ENGINEERING AND CONSULTING, INC.	

		JR BUILDINGS & GARAGES				
	DRAWN BY: LT	316 NELSON STREET				
		PILOT MOUNTAIN, NC 27041				
	CHECKED BY: PH	30'-0"x16'-0" ENCLOSED STRUCTURE				
	PROJECT MGR: VSM	DATE: 9-2-20	SCALE: NTS		D: 181845/ 5/191295/202295	
j	CLIENT: JR BUILDINGS	SHT. 12	DWG. NO: SK-	3	REV. 4	

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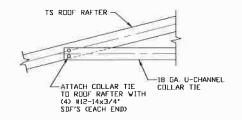
CONNECTION DETAILS

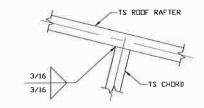


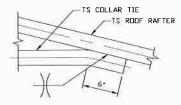


8 DOUBLE HEADER/COLUMN CONNECTION DETAIL
SCALE: NTS

9 COLUMN/DOUBLE HEADER
CONNECTION DETAIL
SCALE: NTS



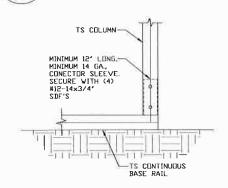


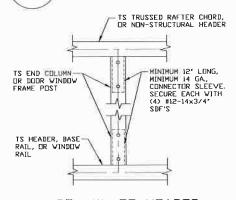


10 COLLAR TIE CONNECTION DETAIL
SCALE: NTS

RAFTER TO CHORD CONNECTION DETAIL
SCALE: NTS

12 COLLAR TIE CONNECTION DETAIL
SCALE: NTS



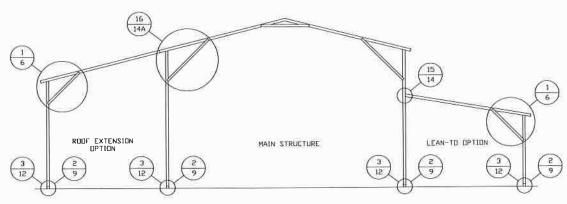


13 COLUMN/BASE RAIL
CONNECTION DETAIL
SCALE: NTS

COLUMN TO HEADER
OR BASE RAIL
CONNECTION DETAIL
SCALE: NTS

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MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	CHECKED BY: PH		PILOT MOUNTAIN, NC 27041 30'-0"x16'-0" ENCLOSED STRUCTURE			
MOODE AND ACCOCIATEC	DRAWN BY: LT	JR	JR BUILDINGS & GARAGES 316 NELSON STREET			

BOX EAVE RAFTER LEAN-TO OPTIONS

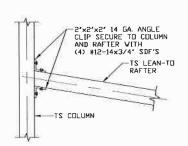


TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN)

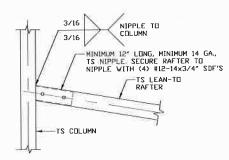
SCALE: NTS

MAXIMUM WIDTH OF ROOF EXTENSION AND LEAN-TO OPTION IS 12'-0'.

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



LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS & 12'-0'

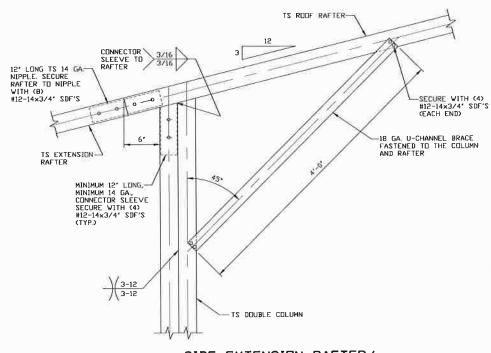


OPTIONAL LEAN-TO
RAFTER TO RAFTER
POST CONNECTION DETAIL
FOR WIDTHS & 12'-0'
SCALE: NTS

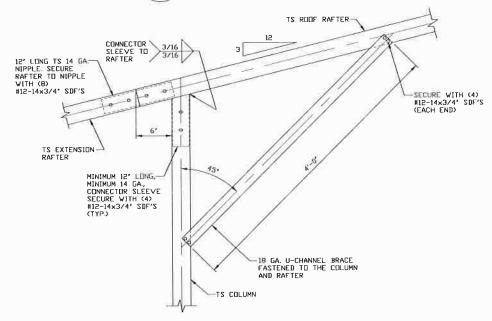
MOORE AND ASSOCIATES	DRAWN
ENGINEERING AND CONSULTING, INC.	CHECKE
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		PILOT MOUNTAIN, NC 27041					
CHECKED BY: PH	30'-0"x16'-0" ENCLOSED STRUCTURE						
PROJECT MGR: WSM	DATE: 9-2-20		JOB N	D: 18184S/ S/19129S/20229S			
CLIENT: JR BUILDINGS	SHT. 14	DWG. NO: SK	-3	REV. 4			

BOX EAVE RAFTER LEAN-TO OPTIONS FOR RAFTER SPANS ≤ 12'-0"



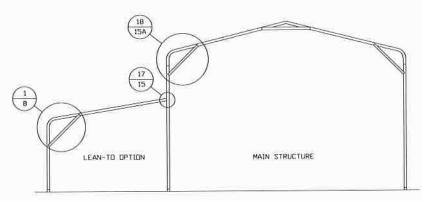
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 12'-0" < TO < 16'-0"



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

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		JR	ROILDINGS &	GAKA	GES	

BOW EAVE RAFTER LEAN-TO OPTIONS

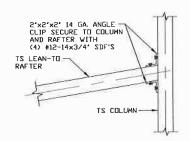


TYPICAL BOW EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION

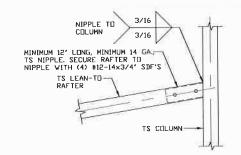
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MAXIMUM WIDTH OF LEAN-TO OPTION IS 12'-0'.

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



LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS & 12'-0"



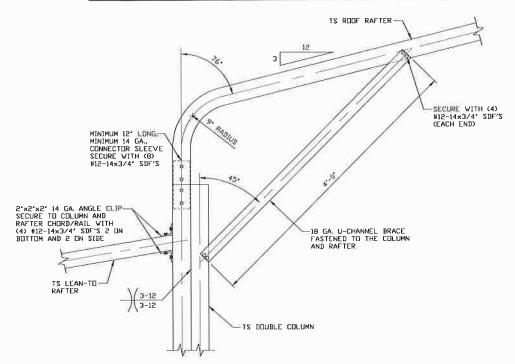
OPTIONAL LEAN-TO
RAFTER TO RAFTER
POST CONNECTION DETAIL
FOR WIDTHS & 12'-0"

MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING, INC.

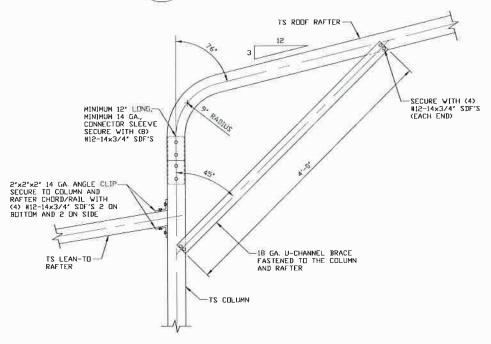
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BE 2	UBJECT T	U LEGAL	ACTION.					

DRAWN BY: LT	JR BUILDINGS & GARAGES 316 NELSON STREET PILOT MOUNTAIN, NC 27041					
CHECKED BY: PH	30'-0"x16'-0" ENCLOSED STRUCTURE					
PROJECT MGR: WSM	DATE: 9-2-20	SCALE: NTS	JOB N 18348	D: 181845/ S/19129S/20229S		
CLIENT: JR BUILDINGS	SHT. 15	DVG. NŒ SK	REV: 4			

BOW EAVE RAFTER LEAN-TO OPTIONS FOR RAFTER SPANS ≤ 12'-0"



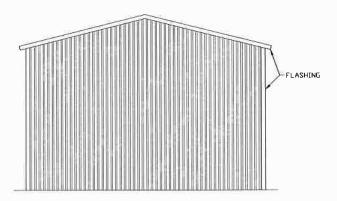
SIDE EXTENSION RAFTER/
COLUMN DETAIL FOR
HEIGHTS 12'-0" < TO < 16'-0"
SCALE: NTS



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

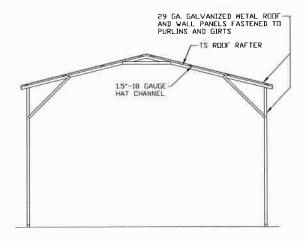
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A COOPE AND A CCOOLATEC	DRAWN BY: LT		316 NELSON		

BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



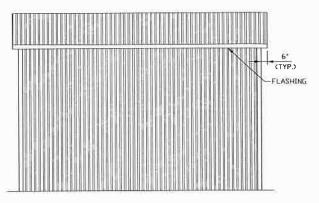
TYPICAL END ELEVATION VERTICAL ROOF/SIDING

SCALE: NTS



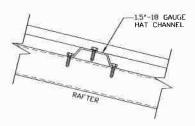
TYPICAL SECTION VERTICAL ROOF/SIDING OPTION

SCALE: NTS



TYPICAL SIDE ELEVATION VERTICAL ROOF/SIDING

SCALE: NTS



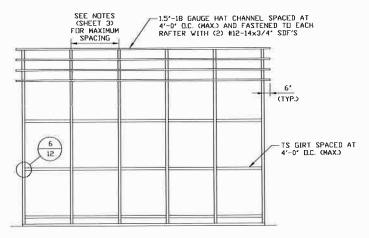
PANEL ATTACHMENT

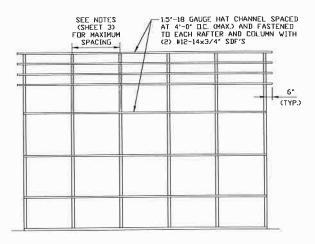
CALTERNATE FOR VERTICAL ROOF PANELS>
SCALE: NTS

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MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC

CLIENT: JR BUILDINGS	SHT. 16	DWG. NO: SK-	DVG. NO: SK-3 REV. 4					
PROJECT MGR: WSM	DATE: 9-2-20	SCALE: NTS	JOB NO: 181845/ 183485/191295/20229					
CHECKED BY: PH		PILOT MOUNTAIN, NC 27041 30'-0"x16'-0" ENCLOSED STRUCTURE						
DRAWN BY: LT		JR BUILDINGS & GARAGES 316 NELSON STREET PH OT MOUNTAIN NC 27041						

BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION

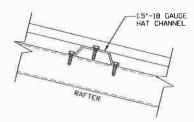




TYPICAL FRAMING SECTION VERTICAL ROOF/SIDING OPTION WITH TS GIRTS

SCALE: NTS

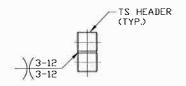
TYPICAL FRAMING SECTION VERTICAL ROOF/ SIDING OPTION WITH HAT CHANNEL GIRTS



PANEL ATTACHMENT
(ALTERNATE FOR VERTICAL ROOF PANELS)
SCALE: NTS

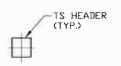
MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.	DRAVN BY: LT	JR BUILDINGS & GARAGES 316 NELSON STREET PILOT MOUNTAIN, NC 27041 30'-0"×16'-0" ENCLOSED STRUCTURE			
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SIDE WALL HEADER OPTIONS



HEADER DETAIL FOR
7'-0" < LENGTH ≤ 12'-0"

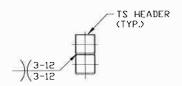
SCALE: NTS



HEADER DETAIL FOR DOOR OPENINGS < 7'-0"

SCALE: NTS

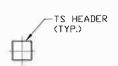
END WALL HEADER OPTIONS



HEADER DETAIL FOR

12'-0' < LENGTH < 20'-0"

SCALE: NTS



HEADER DETAIL FOR DOOR OPENINGS ≤ 12'-0"

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