

PILOT MOUNTAIN, NORTH CAROLINA

STRUCTURAL DESIGN ENCLOSED BUILDING

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

2 July 2020 Revision 2 M&A Project No. 18315S/19179S/20176S

Prepared for:

NC Carports and Garages, LLC 309 S. Depot Street Pilot Mountain, NC 27041

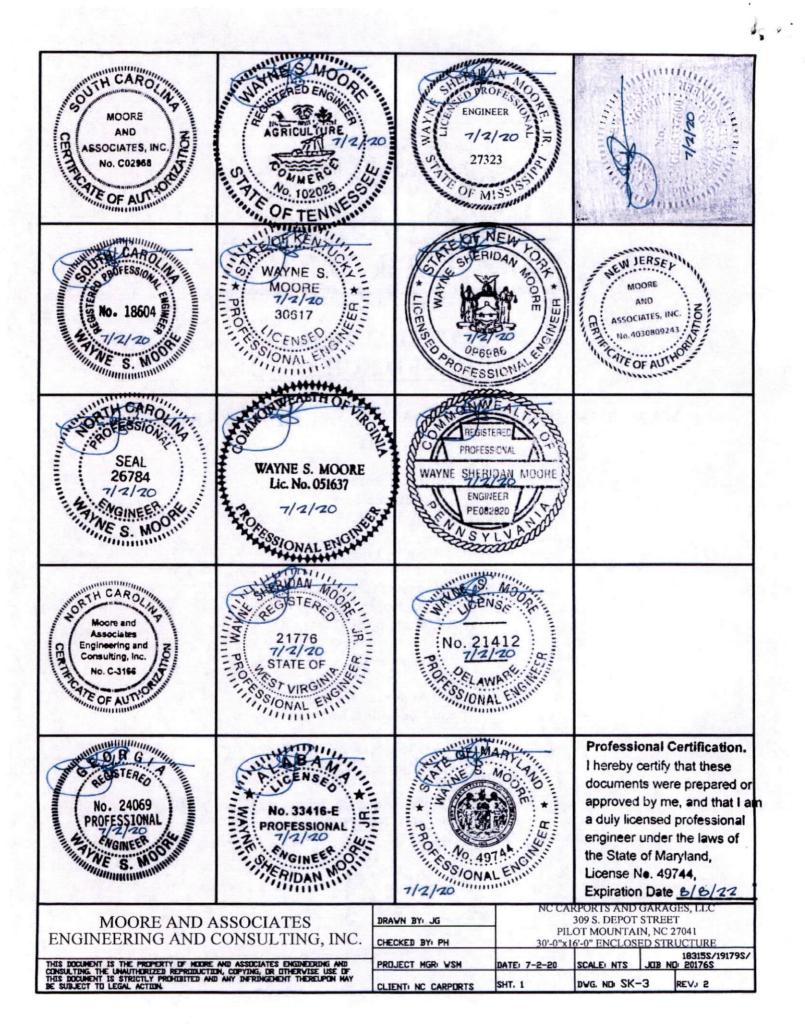
Prepared by:

Moore and Associates Engineering and Consulting, Inc.

1009 East Avenue North Augusta, SC 29841

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





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ENGINEERING AND CONSULTING, INC.	CHECKED BY: PH		LOT MOUNTA 16'-0" ENCLOS				
MOORE AND ASSOCIATES	DRAWN BYI JG	NC CA		RPORTS AND GARAGES, LLC 309 S. DEPOT STREET			

INSTALLATION NOTES AND SPECIFICATIONS

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

NOTE: UNBALANCED SNOW LOADS DUE TO DRIFTING HAVE NOT BEEN EVALUATED.

- 4. 3-SECOND GUST ULTIMATE WIND SPEED (VULT) 105 TO 145 MPH (NOMINAL WIND SPEED 82 TO 112 MPH).
- 5. MAXIMUM RAFTER/COLUMN AND END COLUMN SPACING = 5.0 FEET (UNLESS NOTED OTHERWISE).
- 6. SIDEWALL COLUMNS AND ENDWALL COLUMNS ARE SIMILAR IN SIZE, 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 DN-CENTERS ALONG RAFTERS OR HAT CHANNELS, AND COLUMNS (INTERIOR OR END) = 9 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.
- 12. ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6° OF EACH COLUMN.
- 13. STANDARD GROUND ANCHORS (SUIL 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 FOR WIND SPEEDS \$ 145 MPH AND/OR IN SUITABLE SOILS AS NOTED.
- 14. WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE

SDIL SITE CLASS = D RISK CATEGORY I

R = 3.25 $I_E = 1.0$ $S_{DS} = 2.039$ $V = C_S W$

Spi= 1.258

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BOX EAVE FRAME RAFTER STRUCTURE RDL - UP DOUR (AS APPLICABLE) PERSONNEL DOUR (AS APPLICABLE) FLASHING FLASHING LENGTH VARIES DEPENDING ON NUMBER AND SPACING DE RAFTERS 30'-0' MAXIMUM RAFTER SPAN (V)

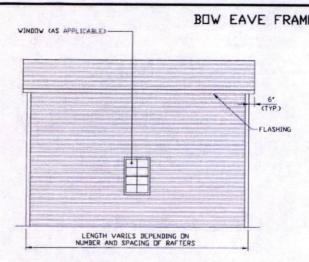
TYPICAL END ELEVATION

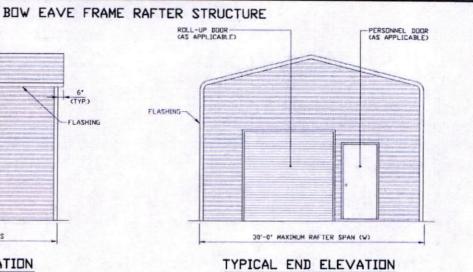
SCALE: NTS

TYPICAL SIDE ELEVATION

SCALE: NTS

IC CARPORTS AND GARAGES, LLC MOORE AND ASSOCIATES 309 S. DEPOT STREET DRAWN BYI JG PILOT MOUNTAIN, NC 27041 ENGINEERING AND CONSULTING, INC. CHECKED BY: PH 30'-0"x16'-0" ENCLOSED STRUCTURE 18315S/19179S/ 20176S THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS DOCUMENT IS STRICTLY PROMIBITED AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION. PROJECT MGRI VSM DATE: 7-2-20 SCALE: NTS DWG. NO SK-3 CLIENTI NC CARPORTS EE THE REVJ 2

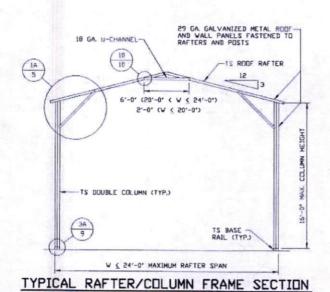


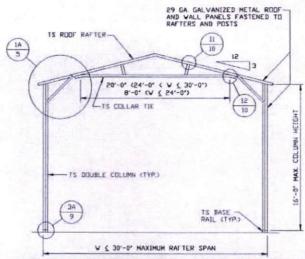


SCALE: NTS

TYPICAL SIDE ELEVATION
SCALE: NTS

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TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

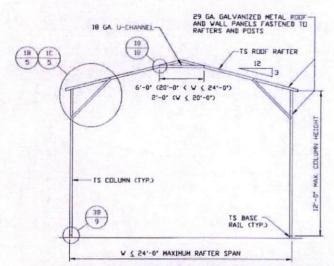
LENGTH VARIES DEPENDING ON NUMBER AND SMACING OF RAFTERS

SEE NOTES
(SHEET 3)
FOR MAXIMUM
SPACING

SCALE: NTS

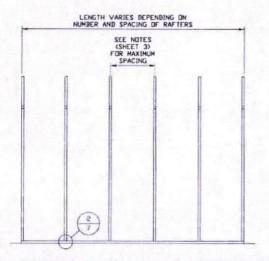
TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION SCALE: NTS

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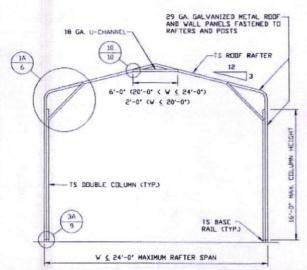
TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

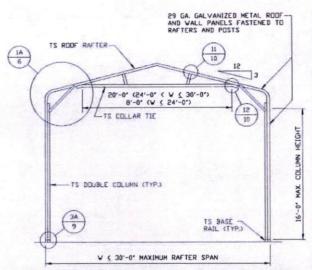


TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION SCALE: NTS

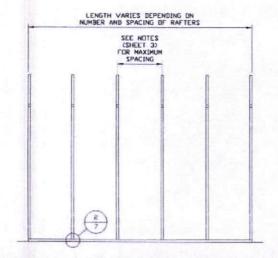
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TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

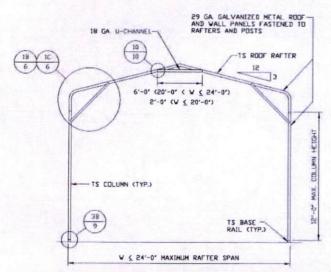


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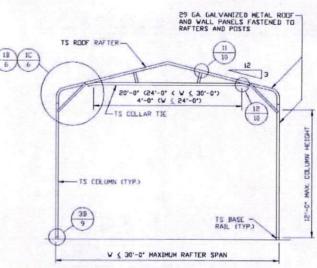


TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION SCALE: NTS

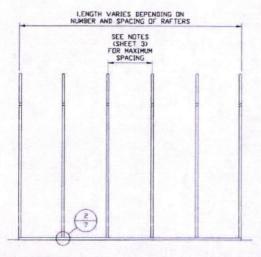
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TYPICAL RAFTER/COLUMN FRAME SECTION



TYPICAL RAFTER/COLUMN FRAME SECTION

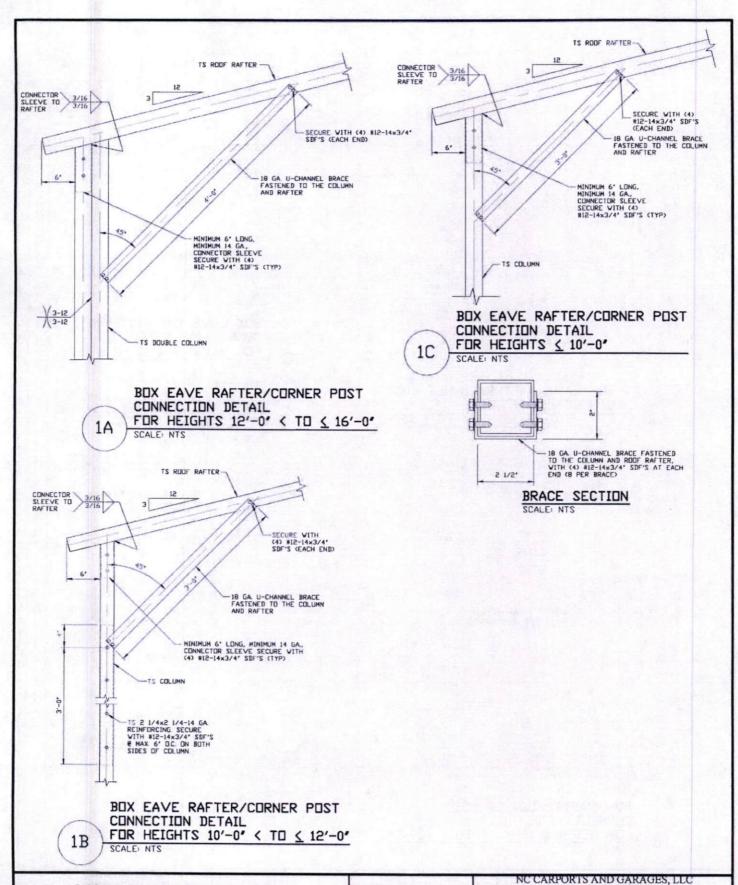


TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

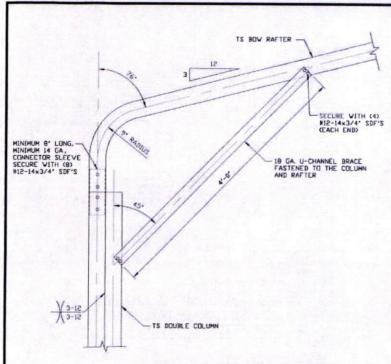
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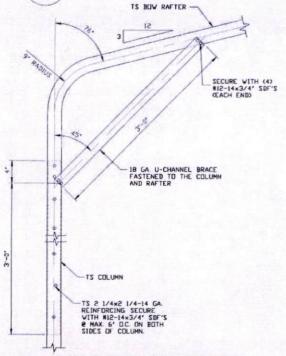
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BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL

FOR HEIGHTS 12'-0' < TO < 16'-0'

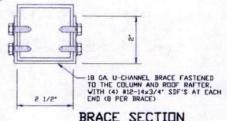
SCALE: NTS



BOW RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS 10'-0' < TO < 12'-0'

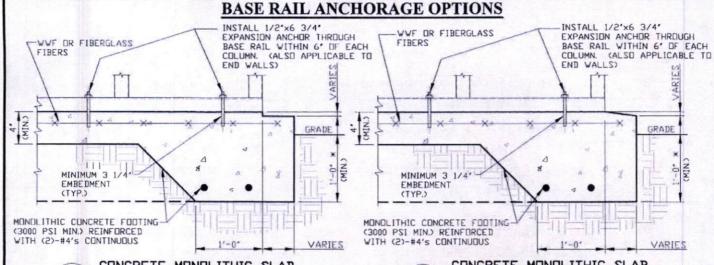
1B

	TS BUY RAFTER -\
	8. 3 12
INIMUM B' LONG. INIMUM 14 GA., DNNECTOR SLEEVE ECURE VITH (8)	SECURE WITH (4) HI2-14x3/4" SDF'S (EACH END)
12-14×3/4' SDF'S	18 GA. U-CHANNEL BRACE FASTENED TO THE COLUMN AND RAFTER
	7//
	TS COLUMN
	<u> </u>
	BOX EAVE RAFTER/CORNER POST
	CALE: NTS
J	



BRACE SECTION

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CONCRETE MONOLITHIC SLAB BASE RAIL ANCHURAGE

MINIMUM ANCHOR EDGE DISTANCE IS 4". * COORDINATE WITH LOCAL BUILDING CODE AND/ORD REGARDING MINIMUM FROST DEPTH (LENGTH).

GENERAL NOTES

NOTE: CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SDIL 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 REINFURCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFURCEMENT 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:

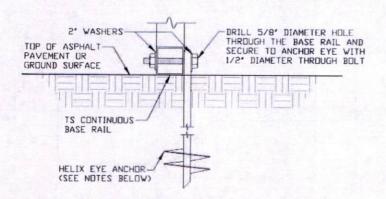
- FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND CUBBLES, CALICHE, PRELOADED SILTS AND CLAYS, USE MINIMUM (2) 4' HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT
- 2. FOR CORAL USE MINIMUM (2) 4' HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT.
- 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. FUR 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/ORD REGARDING MINIMUM FROST DEPTH

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BASE RAIL ANCHORAGE OPTIONS

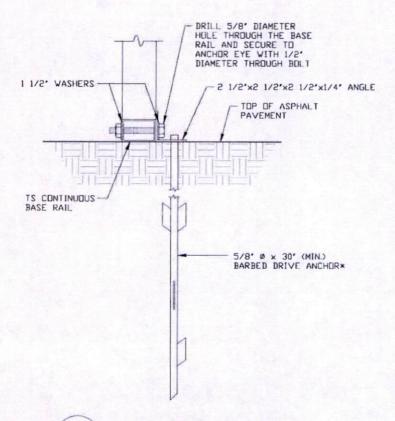


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GROUND BASE HELIX ANCHORAGE

SCALE: NTS (CAN BE USED FOR ASPHALT)

* COORDINATE WITH LOCAL BUILDING CODE
AND/ORD REGARDING MINIMUM FROST DEPTH



SD

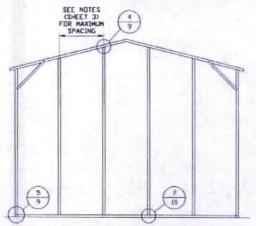
ASPHALT BASE ANCHURAGE

SCALE: NTS

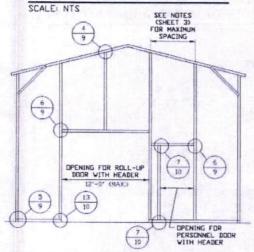
* COORDINATE WITH LOCAL BUILDING CODE
AND/ORD REGARDING MINIMUM FROST DEPTH

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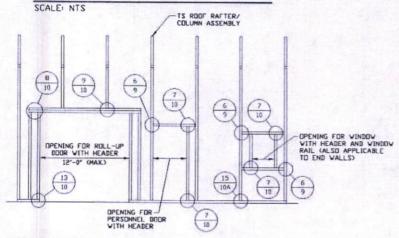
BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION



TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION



TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION SCALE: NTS

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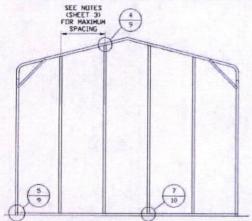
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CHECKED BY: PH	30'-0"x	16'-0" ENCLOS	SED ST	
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CLIENTI NC CARPORTS	SHT. 8	DVG. ND SK	-3	REVJ 2

	(1)	SEE NOTES (SHEET 3) FOR MAXIMUM SPACING	
14 104			
	OPENING FOR ROLL-UP	7	6 9
(3)	DOOR VITH HEADER 20'-0' (MAX.)		
	7 10	PERSON WITH H	NEL DOOR

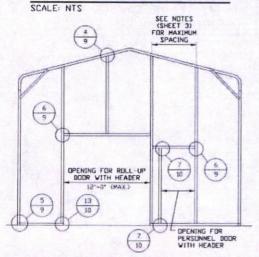
TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS

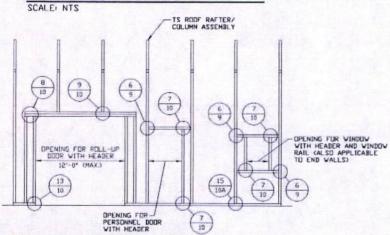
BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION



TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

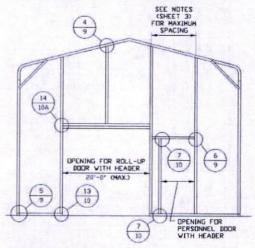


TYPICAL BOX EAVE RAFTER
SIDE WALL OPENINGS FRAMING SECTION
SCALE: NTS

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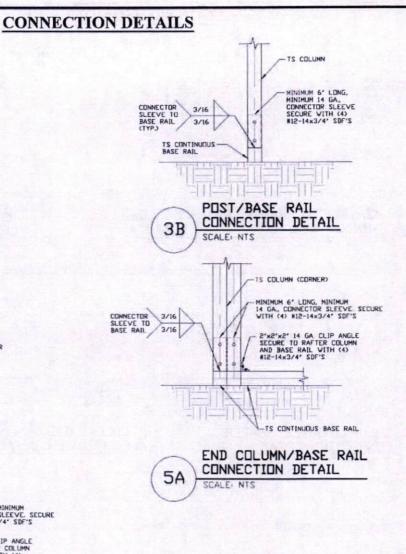
DRAWN BY: JG	NC CARPORTS AND GARAGES, LLC 309 S. DEPOT STREET					
CHECKED BY: PH	PILOT MOUNTAIN, NC 27041 30'-0"x16'-0" ENCLOSED STRUCTURE					
PROJECT MGRI WSM	DATE: 7-2-20	SCALE: NTS	JOB N	18315S/19179S/ Di 20176S		
CLIENT: NC CARPORTS	SHT. BA	DVG. ND: SK-3		REV. 2		



TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

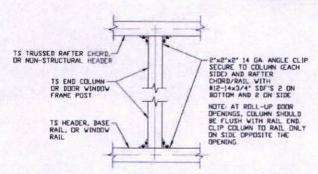
SCALE: NTS

TS DOUBLE COLUMN MINIMUM 6' LONG, MINIMUM 14 GA., CONNECTOR SLEEVE SECURE WITH (4) #12-14x3/4' SDF'S CONNECTOR 3/16 SLEEVE TO BASE RAIL 3/16 (TYP.) TS CONTINUOUS BASE RAIL POST/BASE RAIL CONNECTION DETAIL 3A TS ROOF RAFTER 2'x2'x2' 14 GA. ANGLE CLIP SECURE TO COLUMN AND RAFTER WITH #12-14x3/4' SDF'S 2 DN TOP AND 2 ON SIDE TS END COLUMN END COLUMN/RAFTER CONNECTION DETAIL TS COLUMN (CORNER) MINIMUM 6' LONG, MINIMUM 14 GA., CONECTOR SLEEVE. SECURE VITH (4) #12-14x3/4' SDF'S CONNECTOR 3/16 SLEEVE TO BASE RAIL 3/16 2'x2'x2' 14 GA CLIP ANGLE SECURE TO RAFTER COLUMN AND BASE RAIL WITH (4) #12-14x3/4' SDF'S TS CONTINUOUS BASE RAIL END COLUMN/BASE RAIL CONNECTION DETAIL **5B** SCALE: NTS -2'x2'x2' 14 GA ANGLE CLIP SECURE TO COLUMN AND EITHER TOP OF HEADER, OR BOTTOM OF VINDOW RAIL VITH #12-14x3/4' SDF'S TS HEADER OR COLUMN OR WINDOW RAIL TO POST CONNECTION DETAIL 6 SCALE: NTS



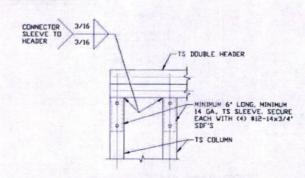
		NC CARPORTS AND GARAGES, LLC 309 S. DEPOT STREET			
MOORE AND ASSOCIATES	DRAWN BYI JG				
ENGINEERING AND CONSULTING, INC.	CHECKED BY PH	PILOT MOUNTAIN, NC 27041 30'-0"x16'-0" ENCLOSED STRUCTURE			
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CONNECTION DETAILS

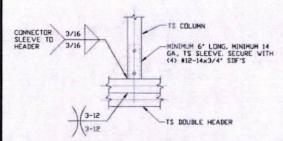


7 COLUMN TO HEADER, BASE RAIL, OR WINDOW RAIL CONNECTION DETAIL

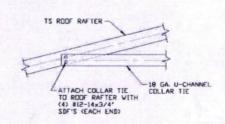
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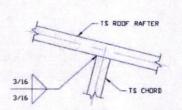
8 DOUBLE HEADER/COLUMN CONNECTION DETAIL
SCALE, NTS



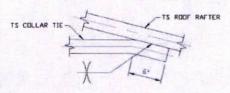
9 COLUMN/DOUBLE HEADER
CONNECTION DETAIL
SCALE: NTS



10 COLLAR TIE CONNECTION DETAIL



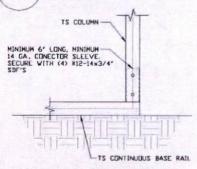
11 RAFTER TO CHORD CONNECTION DETAIL
SCALE: NTS



12 COLLAR TIE CONNECTION DETAIL

SCALE: NTS

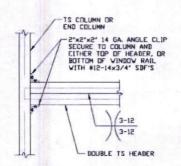
TS COLUMN — TAIL



13 COLUMN/BASE RAIL
CONNECTION DETAIL
SCALE: NTS

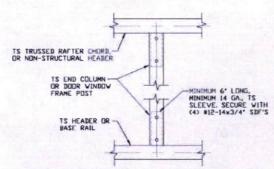
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CONNECTION DETAILS



DOUBLE HEADER
TO COLUMN
CONNECTION DETAIL
SCALE: NTS

14

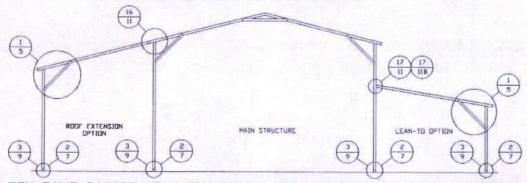


COLUMN TO HEADER
OR BASE RAIL
CONNECTION DETAIL
SCALE: NTS

15

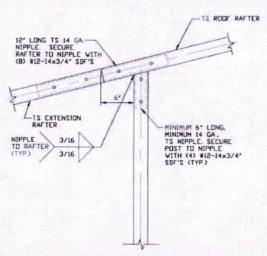
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ENGINEERING AND CONSULTING, INC.	CHECKED BY: PH		LOT MOUNTA 16'-0" ENCLOS		
MOORE AND ASSOCIATES	DRAWN BY: JG		309 S. DEPOT	STREE	T

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 OPTION IS 12'-0'.
MAXIMUM WIDTH OF DOUBLE MEMBER ROOF EXTENSION AND LEAN-TO OPTION IS 16'-0'.



LEAN-TO RAFTER TO RAFTER POST

3/16

NIPPLE TO COLUMN

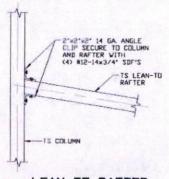
MINIMUM 6' LONG, MINIMUM 14 GA., TS NIPPLE. SECURE RAFTER TO NIPPLE VITH (4) W12-14x3/4' SDF'S

17A CONNECTION DETAIL FOR WIDTHS & 12'-0'

ROOF EXTENSION RAFTER/CORNER POST DETAIL FOR WIDTHS \leq 12'-0'

16 SCALE NTS

17B



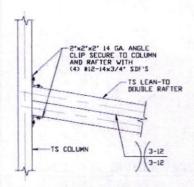
LEAN-TO RAFTER
TO RAFTER POST
CONNECTION DETAIL
FOR WIDTHS \(\(\) 12'-0'

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CLIENTI NC CARPORTS	DATE: 7-2-20 SHT. 11	DVG. ND SK	# 517-7	REV. 2	
PROJECT MGR: VSM	DATE: 7 0 00	BOAL E. NED	-	183155/191795/	
CHECKED BY: PH		LOT MOUNTA 16'-0" ENCLOS			
DRAWN BYI JG	NC CARPORTS AND GARAGES, LLC 309 S. DEPOT STREET				

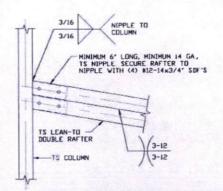
BOX EAVE RAFTER LEAN-TO OPTIONS



LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS 12'-0' < TO ≤ 16'-0'

SCALE: NTS

17C

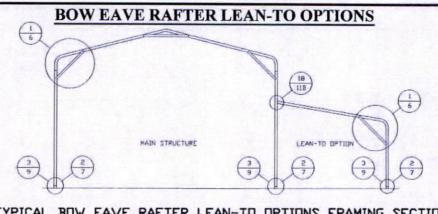


LEAN-TO RAFTER TO RAFTER
POST CONNECTION DETAIL FOR
WIDTHS 12'-0' < TO ≤ 16'-0'

SCALE: NTS

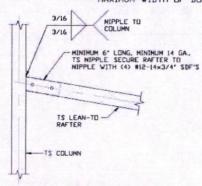
17D

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ENGINEERING AND CONSULTING, INC.	CHECKED BY: PH		LOT MOUNTA 16'-0" ENCLOS		
MOORE AND ASSOCIATES	DRAVN BY: JG		309 S. DEPOT	STREE	T

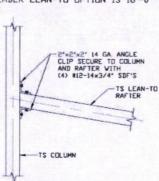


TYPICAL BOW EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION

MAXIMUM WIDTH OF SINGLE MEMBER LEAN-TO OPTION IS 12'-0'. MAXIMUM WIDTH OF DOUBLE MEMBER LEAN-TO OPTION IS 16'-0'



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



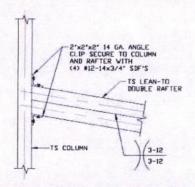
LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS ≤ 12'-0' 18B SCALE: NTS

NIPPLE TO 3/16 MINIMUM 6' LUNG, MINIMUM 14 GA, TS NIPPLE. SECURE RAFTER TO NIPPLE WITH (4) #12-14x3/4' SDF'S TS LEAN-TO -3-15 TS COLUMN 3-15

LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS 12'-0' < T□ ≤ 16'-0"

18C

SCALE: NTS



LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS

12'-0' < T□ < 16'-0' 18D SCALE: NTS

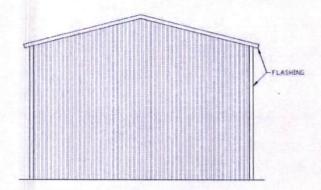
18A

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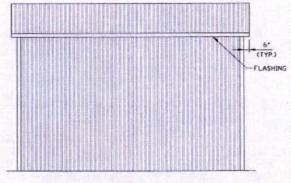
DRAWN BY: JG	PI	ARPORTS AND 309 S. DEPOT LOT MOUNTA	STREE	ET 27041
CHECKED BY: PH	30'-0"x	16'-0" ENCLOS	SED STI	RUCTURE
PROJECT MGR: VSM	DATE: 7-2-20	SCALE: NTS	JOB N	18315S/19179S/ ID: 20176S
CLIENT, NC CARRETTE	SHT. 11B	DVG. ND. SK	-3	REV. 2

BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



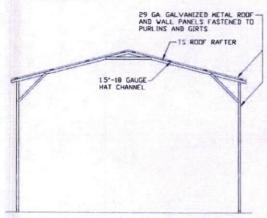
TYPICAL END ELEVATION VERTICAL ROOF/SIDING

SCALE: NTS



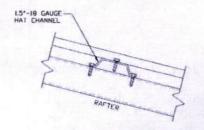
TYPICAL SIDE ELEVATION VERTICAL ROOF/SIDING

SCALE: NTS



TYPICAL SECTION
VERTICAL ROOF/SIDING OPTION

SCALE: NTS



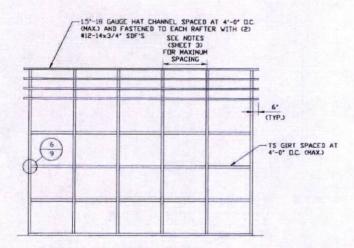
PANEL ATTACHMENT
(ALTERNATE FOR VERTICAL ROOF PANELS)
SCALE: NTS

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DRAWN BY: JG CHECKED BY: PH	30'-0"2	309 S. DEPOT LOT MOUNTA (16'-0" ENCLOS	IN, NO	27041 RUCTURE 183155/191795/	
PROJECT MGR: WSM	DATE: 7-2-20	SCALE NTS	JOB NO 20176S		
CLIENTI NC CARPORTS	SHT, 12	DVG. ND SK	-3	REV. 2	

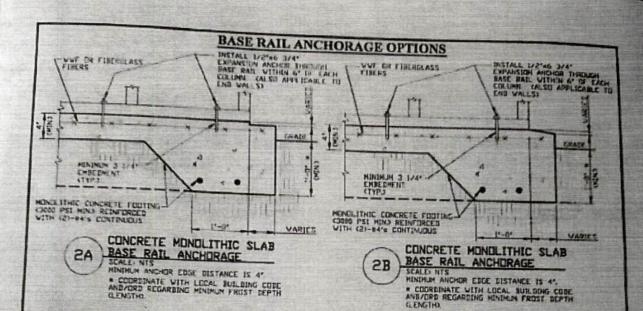
BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



TYPICAL FRAMING SECTION VERTICAL ROOF/SIDING OPTION WITH TS GIRTS

SCALE: NTS

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GENERAL NOTES

NOTE CONCRETE MONOLITHIC SLAB DESIGN BASED ON HINIMUM SORE BEARDING CAPACITY OF 1,500 HSF.

COVER OVER REINFORCING STEEL

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318
3º IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR VEATHER, AND I 1/2º ELSCWHERE

REINFORCING STEEL!

THE TURNDOWN REINFORCING STEEL SHALL BE ASTH AGIS GRADE GG. THE SLAB REINFORCEMENT SHALL BE VELDED WIRE FABRIC MEETING ASTH AIGS 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
BER, IS NOT LESS THAN SIX-DAY DIAMETERS.
HEINFORCHENT PARTIALLY EMBEDDED IN CONCRETE SHALL NUT
BE FIELD BENT.

HELIX ANCHOR NOTES

- 1 FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND CORRES, CALTONE, PRELEASED SILTS AND CLAYS, USE MINIMUM CO. 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH MINIMUM SO" EMBEDMENT
- 2 FOR CORAL USF MINIMUM (2) 4" HELICES WITH MINIMUM 35" EMBEDMENT OR SINGLE 6" MELLY WITH MINIMUM 50" EMBEDMENT.
- 3. FOR MEDIUM BENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SLITS, AND CLAYS USE MINIMUM (2) 4' HELICES WITH MINIMUM 30 INCH EMBELMENT OR SINGLE 6' HELIX VITH MINIMUM 50' EMBELMENT
- 4. FOR LOGSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLOVIAL FILL, USE MINIMUM (2) 6' MELICES WITH MINIMUM 59' EMBEDMENT
- 5. FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLOVIAL FILL, USE MINIMUM CO BY MELICES VITH MINIMUM 60° EMBEDMENT.

12" Turn down w/ 2 7 4 1/2 bor

MOORE AND ASSOCIATES	
ENGINEERING AND CONSULTING,	INC.

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DRAVN BY: JG CHECKED BY: PH	PI	NC CARPORTS AND GARAGES, LLC 309 S. DEPOT STREET PILOT MOUNTAIN, NC 27041 30'-0"×16'-0" ENCLOSED STRUCTURE	309 S. DEPOT STR PILOT MOUNTAIN, N		
PROJECT HOR VSH	DATE: 7-E-20	SCALD HTS	.00	183135/191795/ NO 291765	
CLIENTI HC CARPORTS	SHT. 7	DVG. NO SK	-3	SEV. 2	



Hinton Buildings 9672 Hwy 70 East Princeton, NC, 27569 919-525-2506 quotes@hintonbuildings.com

Customer Details

Customer Name Phone Number Email

Delivery and Installation Details

Delivery Contact Person Delivery Address Delivery City, State, ZIP

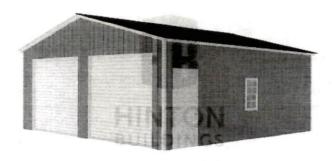
Order Details

Reference Number: Date:

Building Images

NC, 28334

#1647889712521885 Fri, Mar 25, 2022



Perspective View



Front



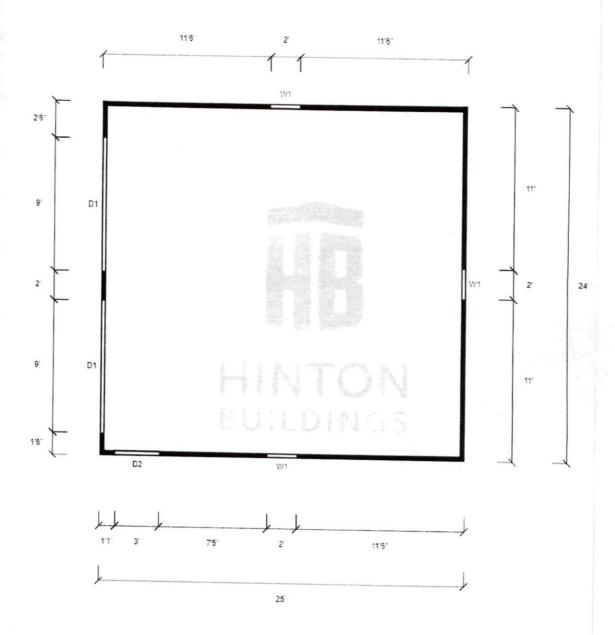
Left Side



Right Side



Back



RIGHT SIDE

SYMBO	LEGEND			
D1	9x8 Roll Up Door (Certified)	W1	24W x 36H Windows	
D2	Walk-in Door		Closed Wall	

Description Structure Details Style: Garage Base Price: 24'x25' Installation Surface: Concrete Roof: Black Wall Siding: Charcoal Trim Colors: White Roof Style: Vertical A-Frame Roof Pitch: 3/12 Roof Overhang: 6" Trusses: Standard Gauge: 14-Gauge Framing Brace: Standard Brace Engineer Certified: 145MPH/35PSF Leg Height: 9' Left Side: Fully Enclosed Left Side Siding: Vertical Right Side: Fully Enclosed Right Side Siding: Vertical Front End: Fully Enclosed Front End Siding: Vertical Back End: Fully Enclosed Back End Siding: Vertical Roll Doors & Ramps 9x8 Roll Up Door (Certified) 2 **Doors & Ramps** Walk-in Door 1 Windows & Accessories 24W x 36H Windows 3 Frameouts Corner Style: Square (Traditional)

Additional Options

Colored Screws (All)

Signatures

Customer Signature:

Date:

Desired Delivery Date:

Delivery Notes:

Dealer or Manufacturer Signature:

Date:

Pricing Table (For Internal Use): - Carolina Book

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quotes@hintonbuildings.com