zer Use Only



STRUCTURAL DESIGN

ENCLOSED BUILDING

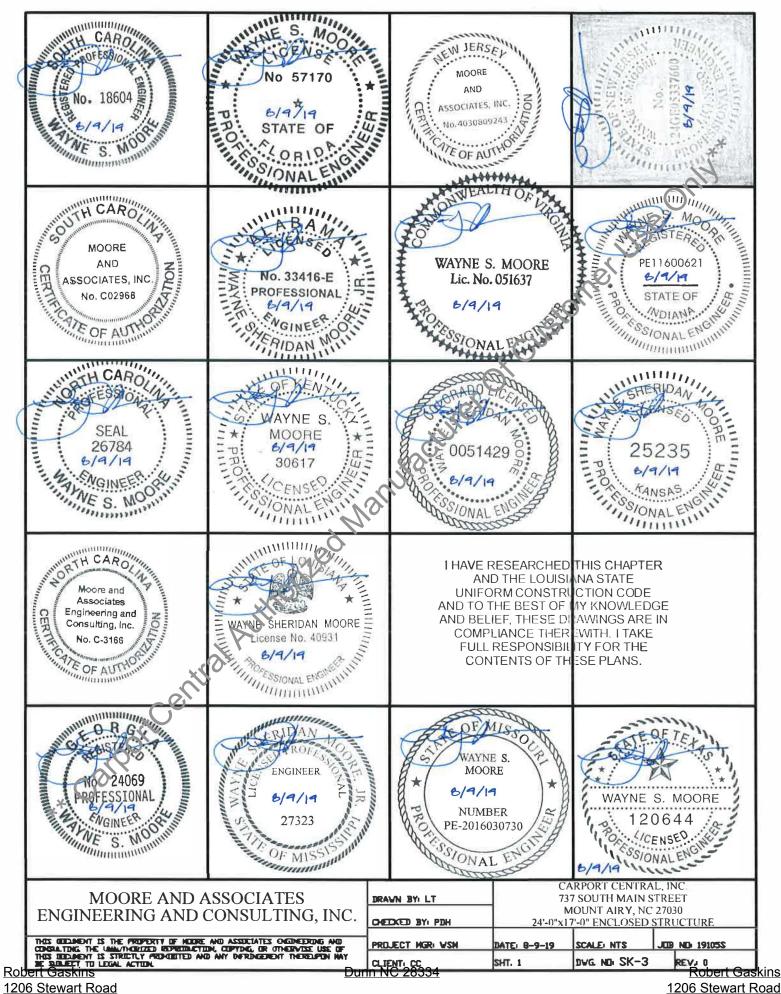
MAXIMUM 24'- 0" WIDE X 17'- 0" EAVE HEIGHT-BOX EAVE FRAME AND BOW FRAME

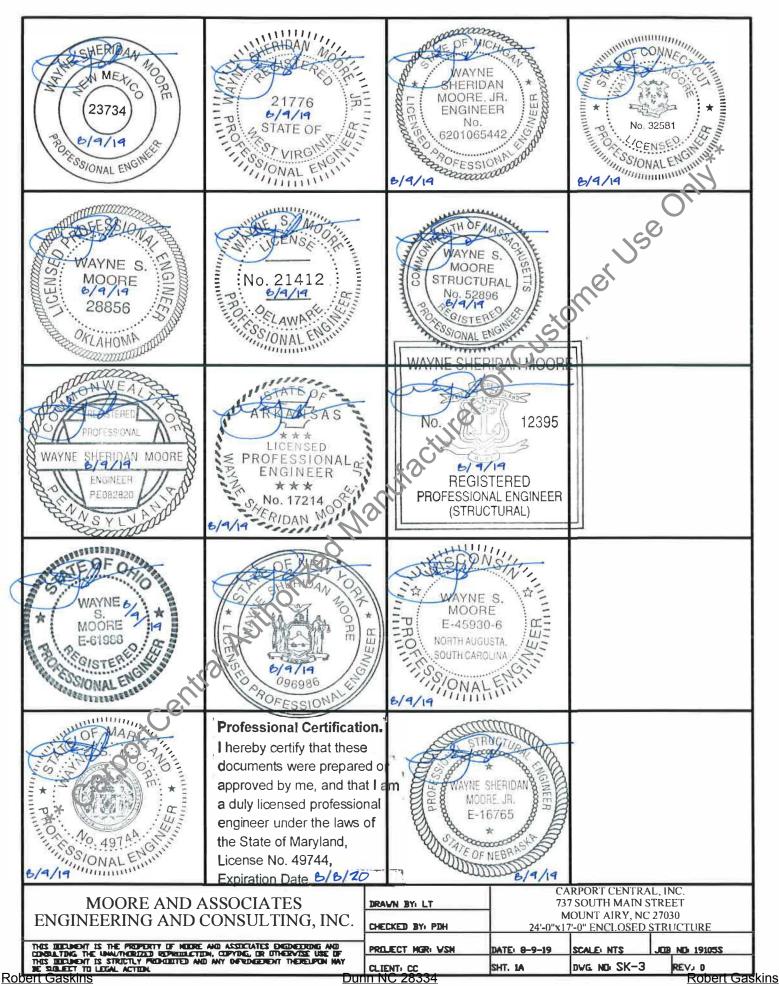
M&A Project A

Prepared by:

1009 East Avenue
North Augusta, SC 2094rport Central, Inc.







INSTALLATION NOTES AND SPECIFICATIONS 1 DESIGN IS FOR MAXIMUM 24'-0" WIDE x 17'-0" EAVE HEIGHT ENCLOSED STRUCTURES 2 DESIGN WAS DONE IN ACCORDANCE WITH THE 2018 NORTH CAROLINA BUILDING CODE, 2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION 2006 INTERNATIONAL BUILDING CODE (IBC), 2009 IBC, 2012 IBC, 2015 IBC. AND 2018 IBC. 3 DESIGN LOADS ARE AS FOLLOWS: A) DEAD LOAD = 1.5 PSFB) LIVE LOAD = 12 PSF = 37 PSF AT 5'-0' DC SPACING C) GROUND SNEW LOAD = 41 PSF AT 4'-0" DC SPACING NOTE UNBALANCED SNOW LOADS DUE TO DRIFTING HAVE NOT BEEN EVALUATED 4 ULTIMATE WIND SPEED 105 TO 127 MPH (NOMINAL WIND SPEED 82 TO 99 MPH) MAXIMUM RAFTER/COLUMN AND END COLUMN SPACING = 5.0 FEET 5 ULTIMATE WIND SPEED 105 TO 140 MPH (NOMINAL WIND SPEED 82 TO 108 MPH) MAXIMUM RAFTER/COLUMN AND END COLUMN SPACING = 4.0 FEET 6 END WALL COLUMNS (POSTS) ARE SIMILAR TO SIDE WALL POSTS IN SIZE AND SPACING UNLESS NOTED OTHERWISE 7 RISK CATEGORY I 8 WIND EXPOSURE CATEGORY B SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/4" x 2 1/4" - 14 GAUGE TURE 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 #12-14×3/4* (UNLESS OTHERWISE NOTED) SELF-DRILLING FASTENER (SDF), USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20 FEET OR LESS, AOL 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 Carport Central Authorized Manufacturer Carport Central Authorized Manufacturer STANDARD GROUND ANCHORS (SOIL NAILS) CONSIST OF #4 REBAR W/ WELDED NUT x 36' LONG SOIL NAILS MAY BE USED FOR MAXIMUM WIND V = 145 MPH AND IN SUITABLE SOIL CONDITIONS OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SOILS AND MUST BE USED FOR WIND V > 145 MPH AND/OR IN UNSUITABLE SOILS AS NOTED 12 ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6" OF EACH COLUMN

MOORE AND ASSOCIATES	
ENGINEERING AND CONSULTING, INC.	

	CARPORT CENTRAL, INC.		
DRAWN BY: LT	737 SOUTH MAIN STREET		
	MOUNT AIRY, NC 27030		
CHECKED BY: PDH	24'-0"x17'-0" ENCLOSED STRUCTURE		

THIS SECURENT IS THE PROPERTY OF MODRE AND ASSISTATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERVISE USE OF THIS SECURENT IS STRICTLY PRODUCTED AND ANY DEFENGEMENT THEREUPON MAY ROBERT G

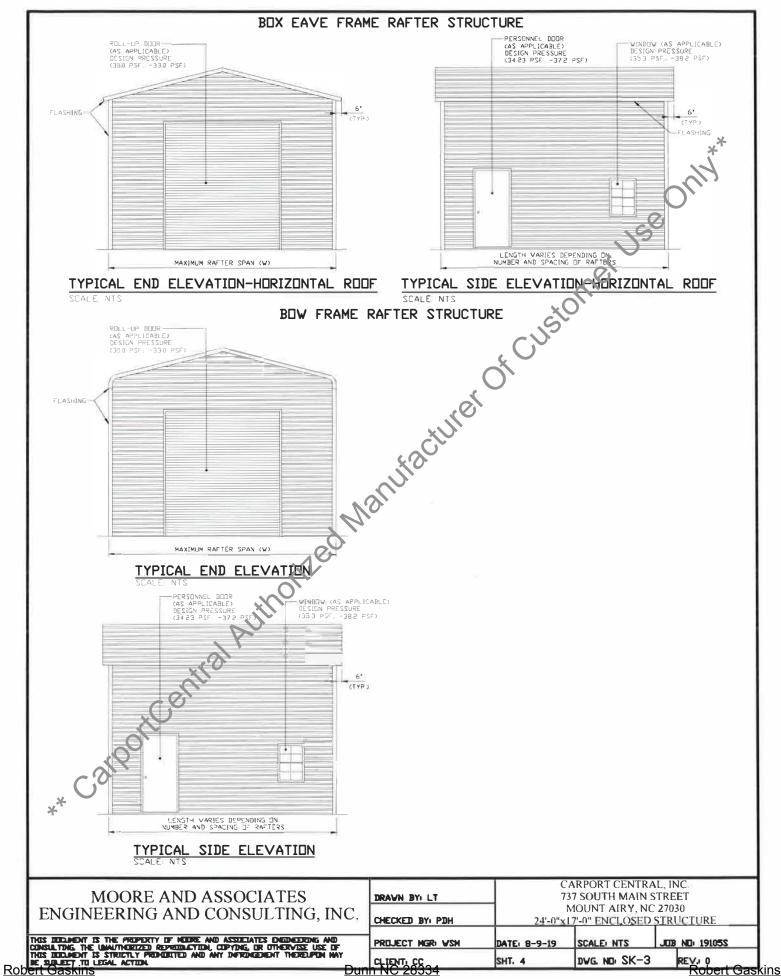
PROJECT MGR: VSM DATE: 8-9-19 SCALE: NTS JOB NO: 19105S

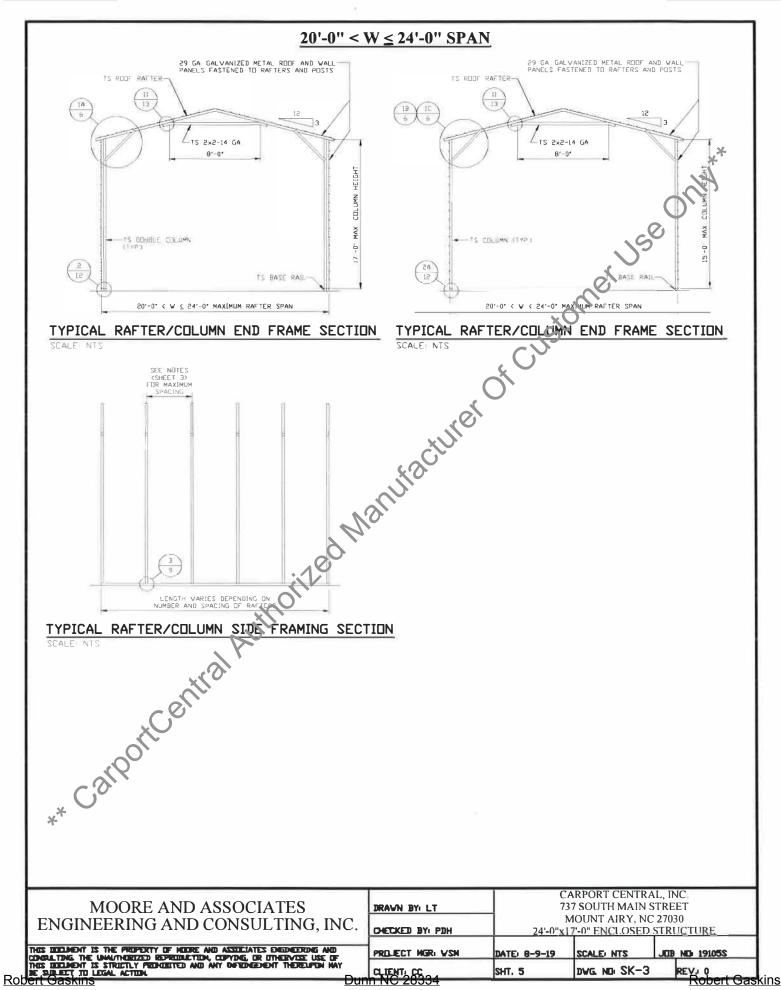
CLIENT: CC SHT. 3 DWG. NO: SK-3 REV. 0

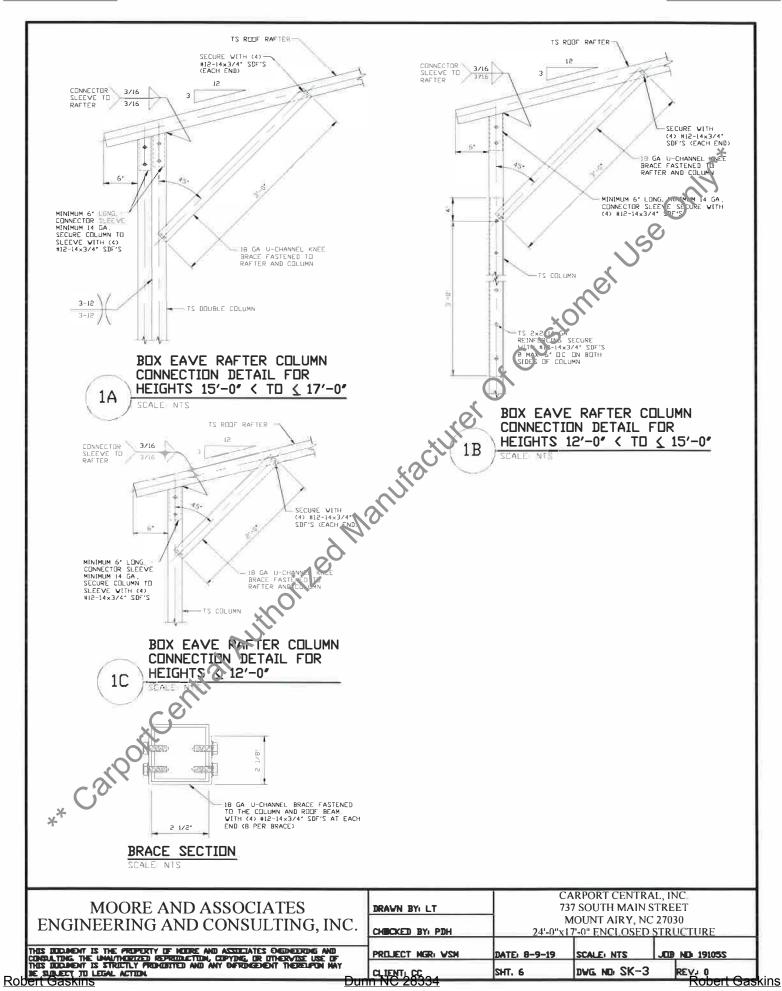
DUTILIT NC 28334 ROBERT

1206 Stewart Road

Robert Gaskins 1206 Stewart Road







2' WASHERS

TS CONTINUOUS BASE RAIL

> HELICAL AUGER EYE ANCHOR (SEE NOTES BELOW)

> > HELICAL

TOP OF ASPHALT-

PAVEMENT DR GROUND SURFACE DRILL 5/8" DIAMETER HOLE

THROUGH THE BASE RAIL AND SECURE TO ANCHOR EYE WITH

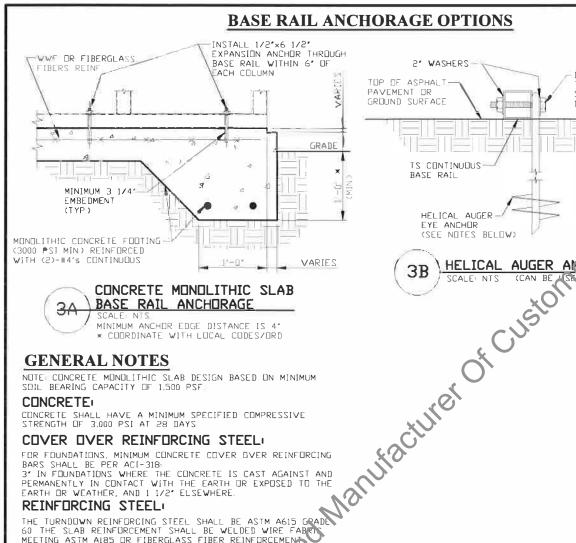
1/2' DIAMETER THROUGH BOLT

158 ONI

AUGER AND HURAGE

FOR ASPHALT)

(CAN BE ISED





CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

MINIMUM ANCHOR EDGE DISTANCE IS 4° * COORDINATE WITH LOCAL CODES/ORD

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 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 FABRU MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT REINFORCEMENT MAY RF RFNT IN THE

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

IN CONCRETE SHALL NOT REINFORCEMENT PARTIALLY EMBEDDED BE FIELD BENT

- HELICAL AUGER ANCHOR NOTES:

 1 FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRESONDED SILTS AND CLAYS, USE MINIMUM (2) 4' HELICES WILL 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 OR SINGLE 6' HELIX WITH MINIMUM
- 50' EMBEDMENT
- 3 FOR MEDIUM DENSI COARSE SANDS, SANDY GRAVELS, VERY
 STIFF SILTS AND CLAYS USE MINIMUM (2) 4' HELICES WITH
 MINIMUM 3(INCH EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM
 50' EMBEDMENT
 4 FOR LOGSL TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND
 SILTS LLUVIAL FILL, USE MINIMUM (2) 6' HELICES WITH MINIMUM
- SILTS LLUVIA
- FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) 8' HELICES WITH MINIMUM 50° EMBEDMENT

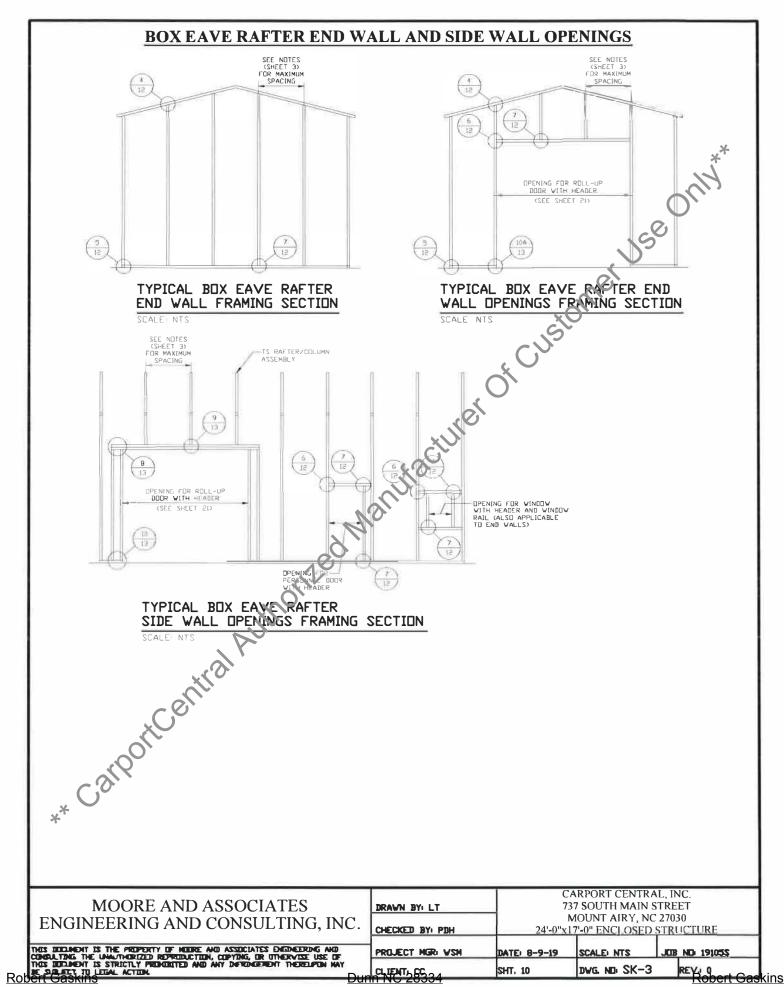
MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.

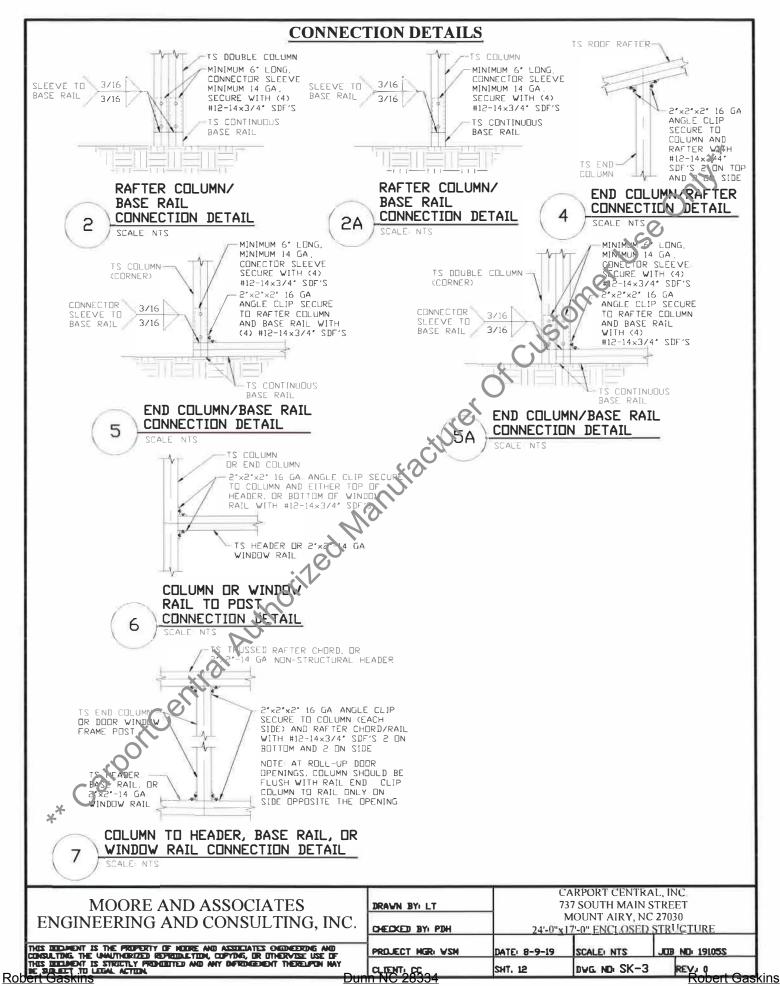
THIS BEDLINENT IS THE PROPERTY OF MODIFE AND ASSOCIATES OND REPORTED AND CONSULTING. THE UNMAINDEDED REPORTED FORM OF THE PROPERTY OF THE PROP

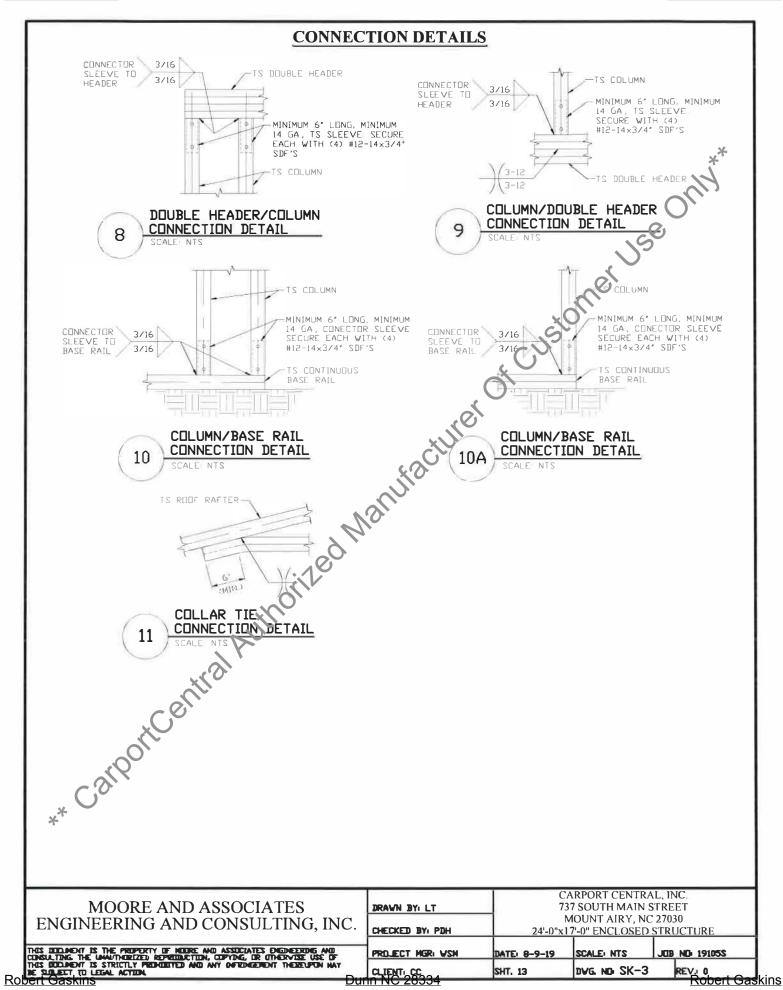
PRILECT MERI VSM	DATE: 8-9-19	SCALE, NTS	270191 JUL 191055
CHECKED BY: PDH	24'-0"x17'-0" ENCLOSED STRUCTURE		
] M	OUNT AIRY, NC	27030
DRAWN BY: LT	737 SOUTH MAIN STREET		
	CA	RPORT CENTRA	L, INC

DWG NO SK-3 Dunn NC 28334 SHT. 9 Rev. 0 Robert Gaskins

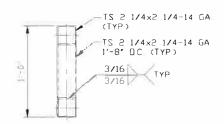
1206 Stewart Road



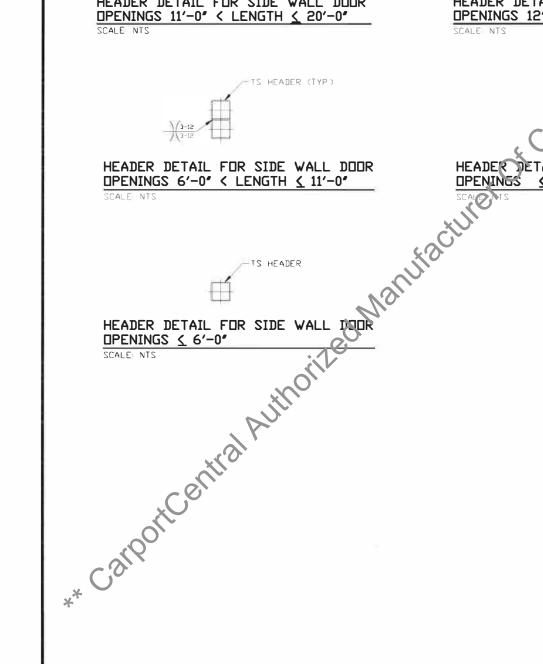


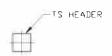


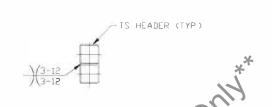
OPTIONAL HEADER



HEADER DETAIL FOR SIDE WALL DOOR □PENINGS 11'-0' < LENGTH ≤ 20'-0'</pre>







HEADER DETAIL FOR END WALL DOOR OPENINGS 12'-0' < LENGTH & 60'-0'

HEADER DETAIL FOR END WALL DOOR OPENINGS & 12'-0'

MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.

THIS INDIAGNI IS THE PROPERTY OF NOISE AND ASSISTANTES DEGREEDING AND CONSULTING. THE UNANTHORIZED REPRODUCTION, COPYING, OR OTHERVISE USE OF THIS INDIAGNI IS STRUCTLY PROPORTED AND ANY DEFROGERENT THEREUPON MAY ROUGH COSKING.

	CARPORT CENTRAL, INC.		
DRAWN BY: LT	737 SOUTH MAIN STREET		
	MOUNT AIRY, NC 27030		
CHECKED BY: PDH	24'-0"x17'-0" ENCLOSED STRUCTURE		

PROJECT MORI VSH DATE: 8-9-19 SCALE: NTS JOB NO 19105S Rebert Gaskins Dunn ChiENTy EG2/ SHT. 21 DAC NO 2K-3

1206 Stewart Road