



Initial Application Date: 05/26/2020

Application # _____

CU# _____

COUNTY OF HARNETT RESIDENTIAL LAND USE APPLICATION

Central Permitting 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 ext:2 Fax: (910) 893-2793 www.harnett.org/permits

A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION

LANDOWNER: John Jones & Loni Jones Mailing Address: 176 Friendship Lane
City: Erwin State: NC Zip: 28339 Contact No: 910-591-7707 Email: lonid@mulecity.com

APPLICANT: John Jones & Loni Jones Mailing Address: Same

City: _____ State: _____ Zip: _____ Contact No: _____ Email: _____

*Please fill out applicant information if different than landowner

ADDRESS: 176 Friendship Lane PIN: _____

Zoning: RA-30 Flood: ND Watershed: Cape Fear River Deed Book / Page: 3802/04

Setbacks - Front: 35' Back: 20' Side: 10' Corner: _____

PROPOSED USE:

- SFD: (Size _____ x _____) # Bedrooms: _____ # Baths: _____ Basement(w/wo bath): _____ Garage: _____ Deck: _____ Crawl Space: _____ Slab: _____ Slab: _____
(Is the bonus room finished? () yes () no w/ a closet? () yes () no (if yes add in with # bedrooms) Monolithic
- Mod: (Size _____ x _____) # Bedrooms _____ # Baths _____ Basement (w/wo bath) _____ Garage: _____ Site Built Deck: _____ On Frame _____ Off Frame _____
(Is the second floor finished? () yes () no Any other site built additions? () yes () no
- Manufactured Home: _____ SW _____ DW _____ TW (Size _____ x _____) # Bedrooms: _____ Garage: _____ (site built? _____) Deck: _____ (site built? _____)
- Duplex: (Size _____ x _____) No. Buildings: _____ No. Bedrooms Per Unit: _____
- Home Occupation: # Rooms: _____ Use: _____ Hours of Operation: _____ #Employees: _____
- Addition/Accessory/Other: (Size 18 x 31) Use: Horse Barn Closets in addition? () yes (X) no

Water Supply: County _____ Existing Well _____ New Well (# of dwellings using well _____) *Must have operable water before final (Need to Complete New Well Application at the same time as New Tank)

Sewage Supply: _____ New Septic Tank _____ Expansion _____ Relocation Existing Septic Tank _____ County Sewer
(Complete Environmental Health Checklist on other side of application if Septic)

Does owner of this tract of land, own land that contains a manufactured home within five hundred feet (500') of tract listed above? () yes (X) no

Does the property contain any easements whether underground or overhead (X) yes () no

Structures (existing or proposed): Single family dwellings: _____ X _____ Manufactured Homes: _____ Other (specify) Existing: 20x24 workshop
Proposed: 18x31 horse barn

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

John Jones & Loni Jones
Signature of Owner or Owner's Agent

05/26/2020
Date

It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.

*This application expires 6 months from the initial date if permits have not been issued**

APPLICATION CONTINUES ON BACK

strong roots • new growth



Application # _____

Harnett County Central Permittling
PO Box 65 Lillington, NC 27646
910-893-7525 Fax 910-893-2793 www.harnett.org/permits

* Each section below to be filled out by whomever performing work. Must be owner or licensed contractor. Address, company name & phone must match information on license.

Application for Residential Building and Trades Permit

Owner's Name: John Jones + Lori Jones Date: 05/21/20
Site Address: 176 Friendship Ln, Erwin, NC 28339 Phone: 910-591-7707
Subdivision: N/A Lot: _____
Description of Proposed Work: Metal horse barn 18x30 Total Job Cost: \$5107.99

General Contractor Information

LC Contracting LLC 336-415-4771
Building Contractor's Company Name Telephone
737 South Main Street Mount Airy NC Ashleigh@lcccontractingllc.com
Address 27030 Email Address
79548
License # _____

Electrical Contractor Information

Description of Work _____ Service Size: _____ Amps T-Pole: Yes No

Electrical Contractor's Company Name _____ Telephone _____
Address _____ Email Address _____
License # _____

Mechanical/HVAC Contractor Information

Description of Work _____
Mechanical Contractor's Company Name _____ Telephone _____
Address _____ Email Address _____
License # _____

Plumbing Contractor Information

Description of Work _____ # Baths _____
Plumbing Contractor's Company Name _____ Telephone _____
Address _____ Email Address _____
License # _____

Insulation Contractor Information

Insulation Contractor's Company Name & Address _____ Telephone _____

*NOTE: General Contractor / owner must fill out and sign the second page of this application.



I hereby certify that I have the authority to make necessary application, that the application is correct and that the construction will conform to the regulations in the Building, Electrical, Plumbing and Mechanical codes, and the Harnett County Zoning Ordinance. I state the information on the above contractors is correct as known to me and that by signing below I have obtained all subcontractors permission to obtain these permits and if any changes occur including listed contractors, site plan, number of bedrooms, building and trade plans, Environmental Health permit changes or proposed use changes, I certify it is my responsibility to notify the Harnett County Central Permitting Department of any and all changes.

EXPIRED PERMIT FEES - 6 Months to 2 years permit re-issue fee is \$150.00. After 2 years re-issue fee is as per current fee schedule.

John Jones
Randy Jones
Signature of Owner/Contractor/Officer(s) of Corporation

05/26/2020 / 05/26/2020
Date

Affidavit for Worker's Compensation N.C.G.S. 87-14

The undersigned applicant being the:

General Contractor Owner Officer/Agent of the Contractor or Owner

Do hereby confirm under penalties of perjury that the person(s), firm(s) or corporation(s) performing the work set forth in the permit:

Has three (3) or more employees and has obtained workers' compensation insurance to cover them.

Has one (1) or more subcontractors(s) and has obtained workers' compensation insurance to cover them.

Has one (1) or more subcontractors(s) who has their own policy of workers' compensation insurance covering themselves.

Has no more than two (2) employees and no subcontractors.

While working on the project for which this permit is sought it is understood that the Central Permitting Department issuing the permit may require certificates of coverage of worker's compensation insurance prior to issuance of the permit and at any time during the permitted work from any person, firm or corporation carrying out the work.

Sign w/Title: John Jones

Date: 05/26/2020

DO NOT DISCARD
ORIGINAL
GENERAL WARRANTY
DEED

ELECTRONICALLY
RECORDED

In

Book 3802 **Page** 470

Harnett County

For Registration Kimberly S. Hargrove
Register of Deeds
Harnett County, NC

HARNETT COUNTY TAX ID #
070588 0036 05

Electronically Recorded
2020 Apr 15 11:15 AM NC Rev Stamp: \$ 325.00
Book: 3802 Page: 470 - 472 Fee: \$ 26.00
Instrument Number: 2020005804

04-15-2020 BY: SB

Prepared by and mail to: Lynn Matthews, Atty, 1103 W. Cumberland Street, Dunn, NC 28334
EXCISE TAX: \$325.00
Parcel ID No.: 070588 0036 05

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED, made this 14th day of April, 2020, by and between **CHARLES BRANDON JOHNSON, unmarried** of 68 Friendship Lane, Erwin, NC 28339, hereinafter called GRANTOR, and **JOHN CURTIS JONES and wife, LONI DENNING JONES** of 176 Friendship Lane, Erwin, NC 28339, hereinafter called GRANTEE.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors and assigns, and shall include singular, plural, masculine or feminine as required by context.

WITNESSETH:

That the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in Grove Township, Harnett County, North Carolina and more particularly described as follows:

BEING all of Tract "A" as shown on map recorded in Plat Cabinet "E", Slide 200-B, filed with the Harnett County Register of Deeds on February 4, 1992 and prepared by Piedmont Surveying on July 20, 1989, containing 2.63 acres more or less.

Submitted electronically by "Matthews Law Group PC"
in compliance with North Carolina statutes governing recordable documents
and the terms of the submitter agreement with the Harnett county Register of Deeds.

Prepared by and mail to: Lynn Matthews, Atty, 1103 W. Cumberland Street, Dunn, NC 28334
EXCISE TAX: \$325.00
Parcel ID No.: 070588 0036 05

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All or a portion of that property herein conveyed does include the primary residence of a Grantor. (N.C. Gen. Stat. §105-317.2).

The property hereinabove described was acquired by Grantor by instrument in Book 3125, Page 882, Harnett County Registry.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions:

1. General utility easements of record.
2. Easements, restrictions and rights of way of record.
3. 2020 ad valorem taxes which are not yet payable.

IN WITNESS WHEREOF, the Grantor has hereunto set its hand and seal, the day and year first above written.



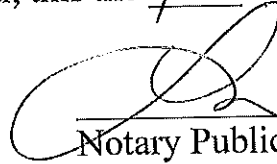
CHARLES BRANDON JOHNSON

Notary acknowledgment on next page

STATE OF NORTH CAROLINA
COUNTY OF HARNETT

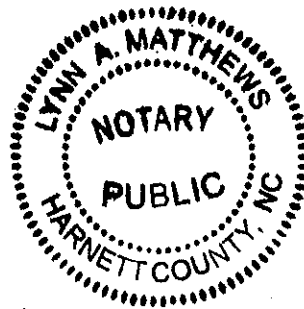
I, Lynn A Matthews, a Notary Public, do hereby certify that **Charles Brandon Johnson** appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and notarial seal, this the 14th day of April, 2020.



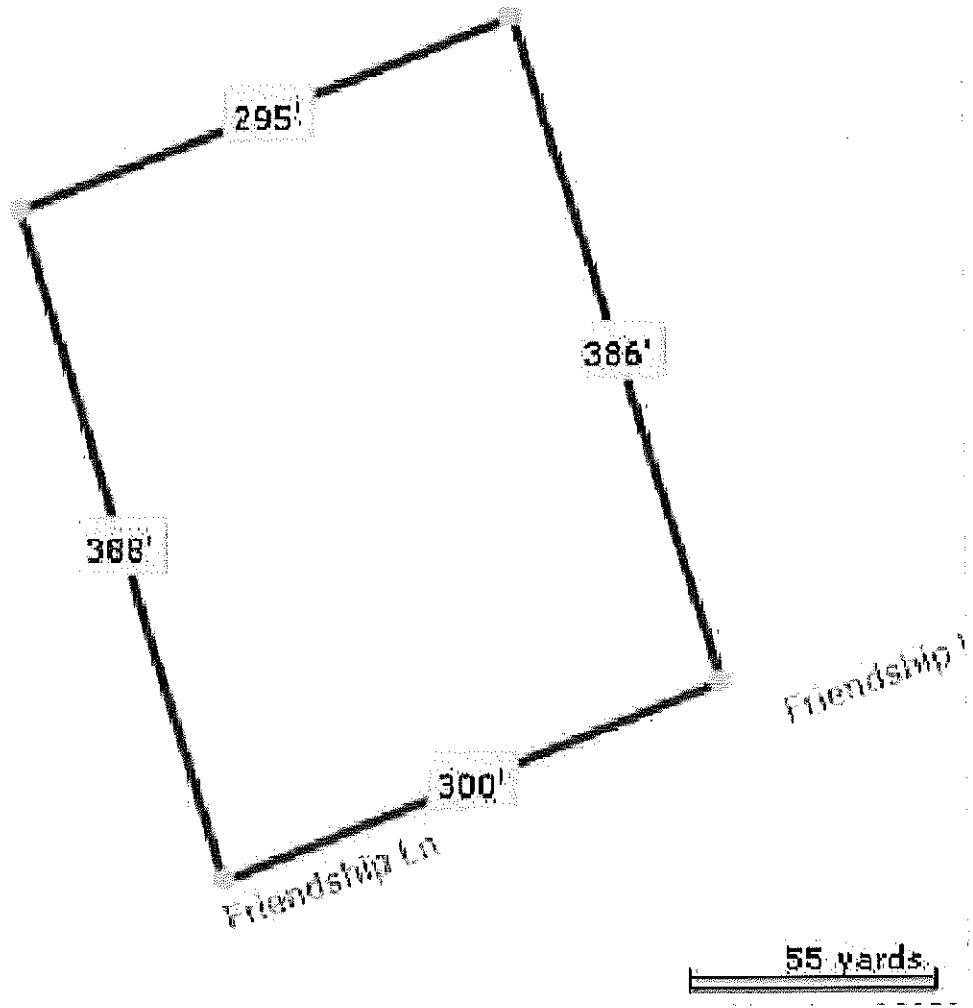
Notary Public

My Commission Expires: 05/31/21



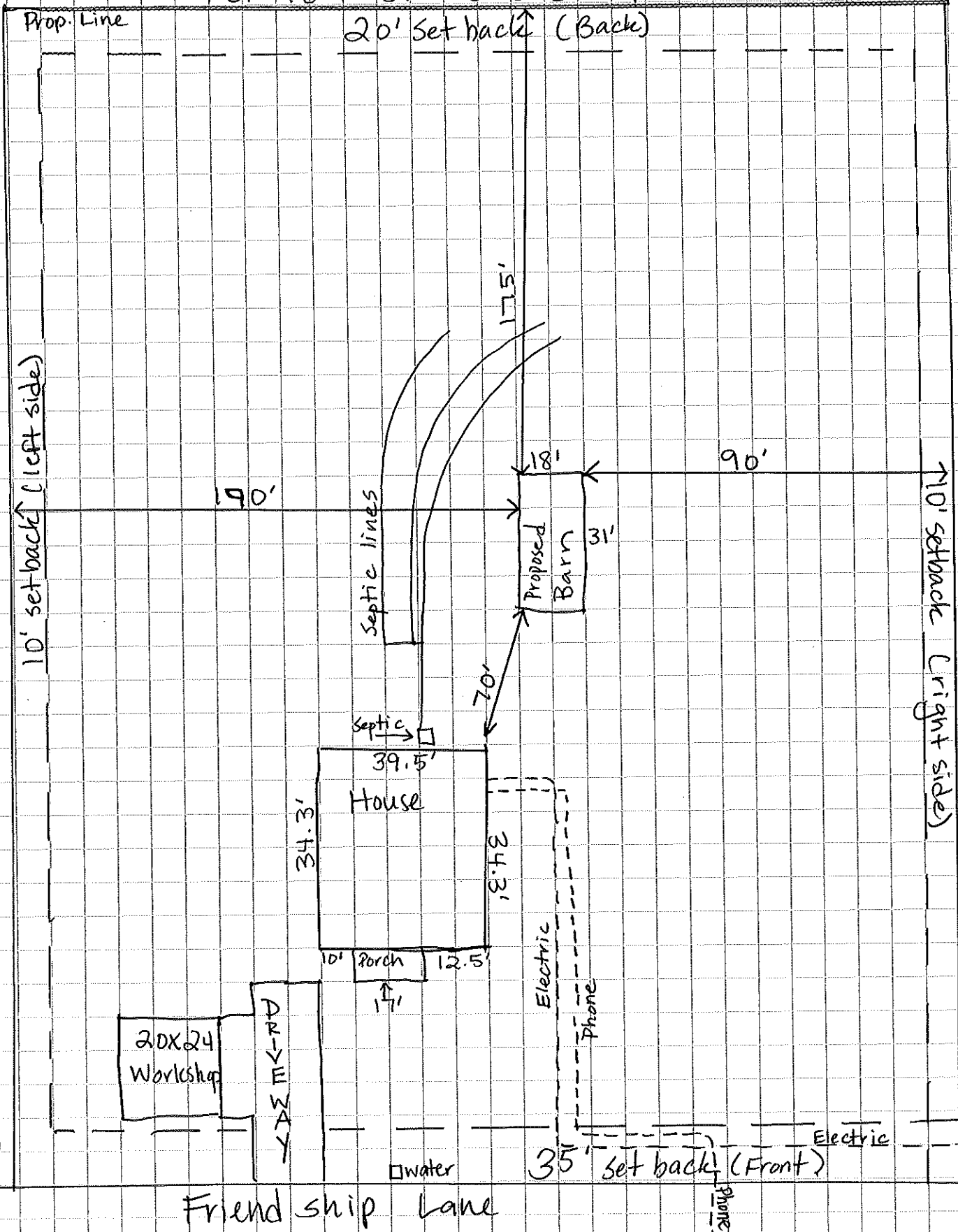
Plat Map

| | | | | | | | |
|------------------|-------------------------------|--------|---------|-------|----|----------|-------|
| Borrower | JOHN & LONI JONES | | | | | | |
| Property Address | 178 FRIENDSHIP LN | | | | | | |
| City | ERWIN | County | HARNETT | State | NC | Zip Code | 28339 |
| Lender | FAIRWAY INDEPENDENT MTG CORP. | | | | | | |



scdl

Proposed Building Site
176 Friendship Lane, Erwin, NC 28339
For 18' x 31' Horse Barn





PILOT MOUNTAIN, NORTH CAROLINA

STRUCTURAL DESIGN
ENCLOSED BUILDING

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

25 June 2019

Revision 1

M&A Project No. 18315S/19179S

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



MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING

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MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING, INC.

DRAWN BY: JG

CHECKED BY: PH

PROJECT MGR: WSM

CLIENT: NC CARPORTS

NC CARPORTS AND GARAGES, LLC
309 S. DEPOT STREET
PILOT MOUNTAIN, NC 27041
30'-0" x 16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 1

SCALE: NTS

DWG. NO: SK-3

JOB NO:
183155/19179S

REV: 1

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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 AND 2015 IBC
- 3 DESIGN LOADS ARE AS FOLLOWS
 - A) DEAD LOAD = 15 PSF
 - B) LIVE LOAD = 12 PSF
 - C) GROUND SNOW LOAD = 35 PSF
 - = 30 PSF (W ≤ 24'-0" WITH U-CHANNEL COLLAR TIE)
- 4 3-SECOND GUST ULTIMATE WIND SPEED (V_{ULT}) 105 TO 145 MPH (NOMINAL WIND SPEED 82 TO 112 MPH)
- 5 MAXIMUM RAFTER/COLUMN AND END COLUMN SPACING = 50 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 ON-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 (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 FOR WIND SPEEDS > 145 MPH AND/OR IN SUITABLE SOILS AS NOTED
- 14 WIND FORCES GOVERN OVER SEISMIC FORCES SEISMIC PARAMETERS ANALYZED ARE
 - SOIL SITE CLASS = D
 - RISK CATEGORY I/II/III
 - R = 325 I_g = 1.0
 - S_{DS} = 2.039 V = C_sW
 - S₁ = 1.259

**MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING, INC.**

DRAWN BY: JG

CHECKED BY: PH

PROJECT MGR: WSM

CLIENT: NC CARPORTS

NC CARPORTS AND GARAGES, LLC
309 S. DEPOT STREET
PILOT MOUNTAIN, NC 27041
30'-0"x16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 3A

SCALE: NTS

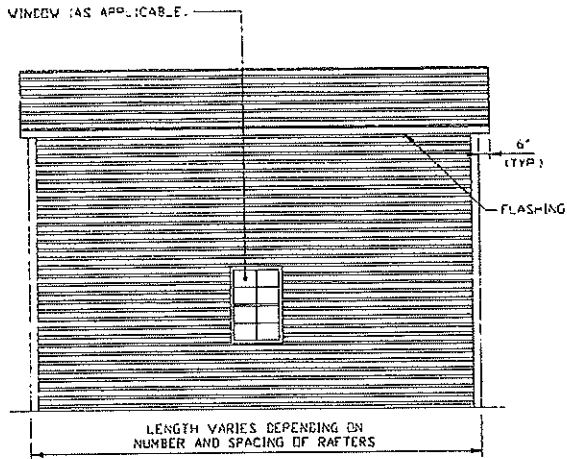
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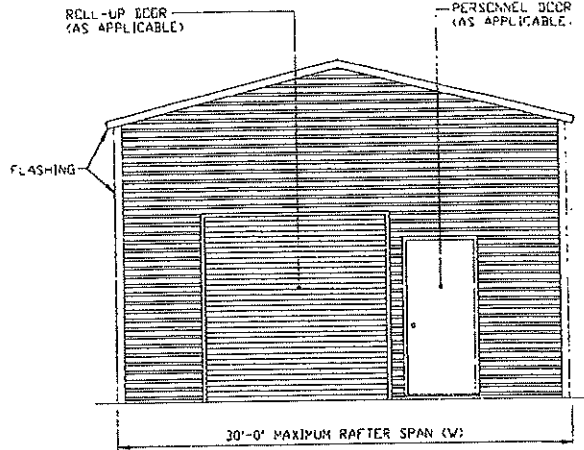
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BOX EAVE FRAME RAFTER STRUCTURE



TYPICAL SIDE ELEVATION
SCALE: NTS



TYPICAL END ELEVATION
SCALE: NTS

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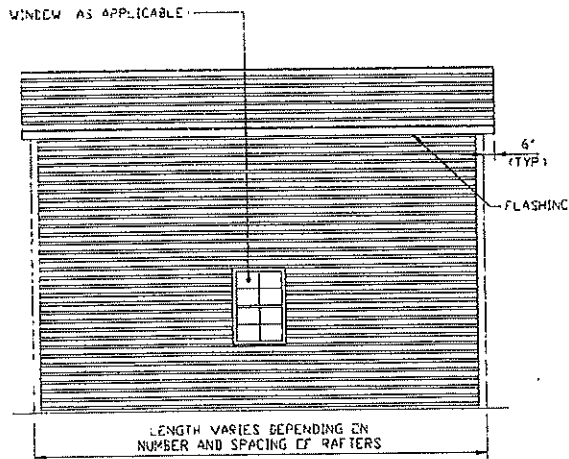
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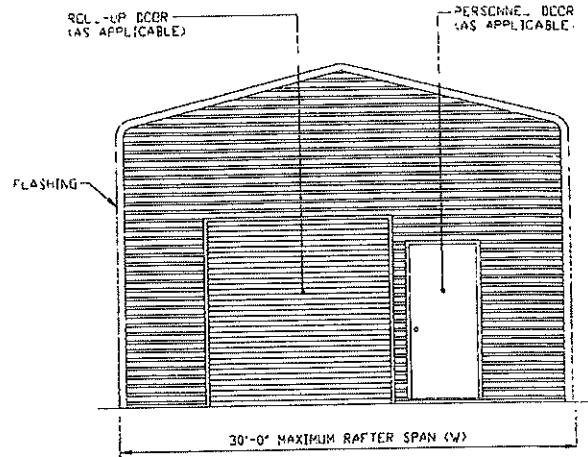
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BOW EAVE FRAME RAFTER STRUCTURE



TYPICAL SIDE ELEVATION
SCALE: NTS



TYPICAL END ELEVATION
SCALE: NTS

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SHT. 3C

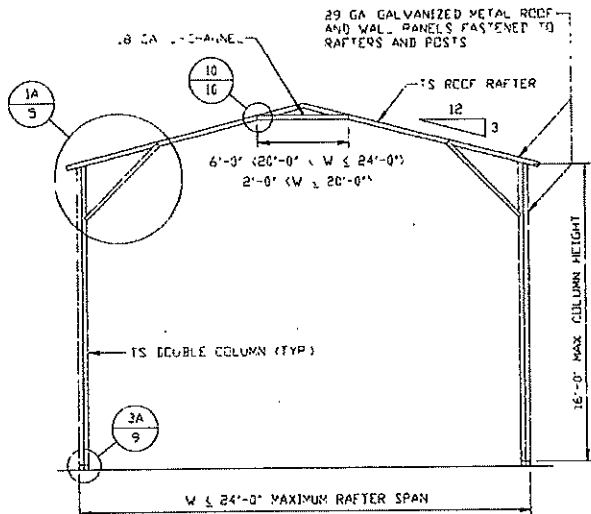
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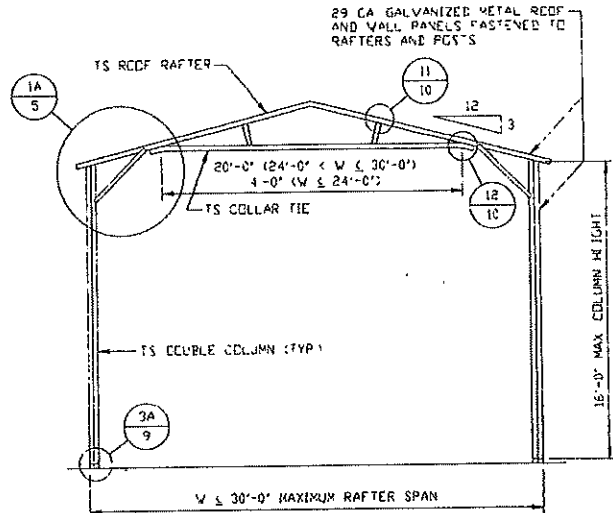
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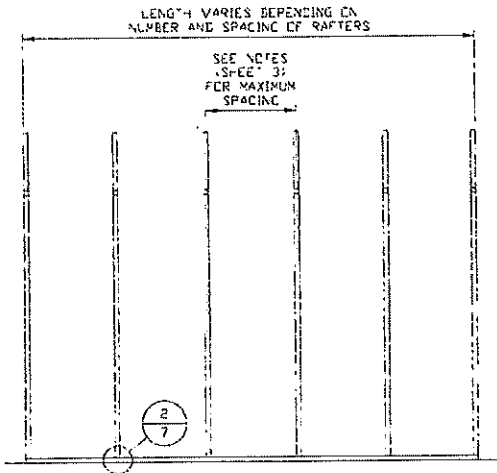
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TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS



TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS



TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION
SCALE: NTS

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SHT. 4

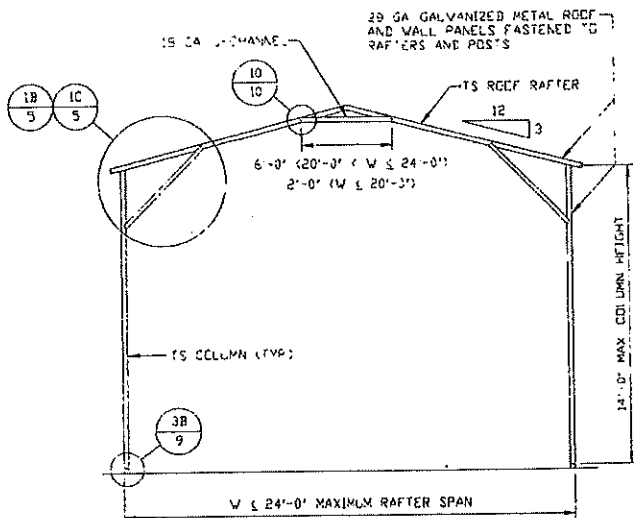
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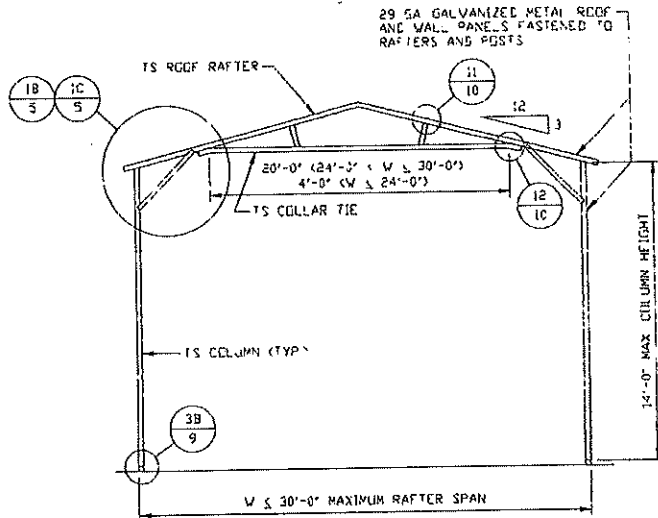
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183155/19179S

REV: 1

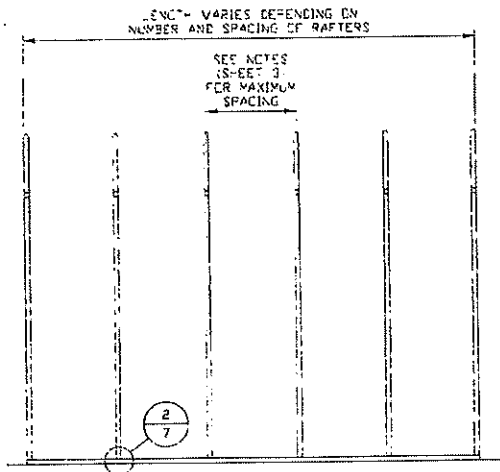
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TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS



TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS



TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION
SCALE: NTS

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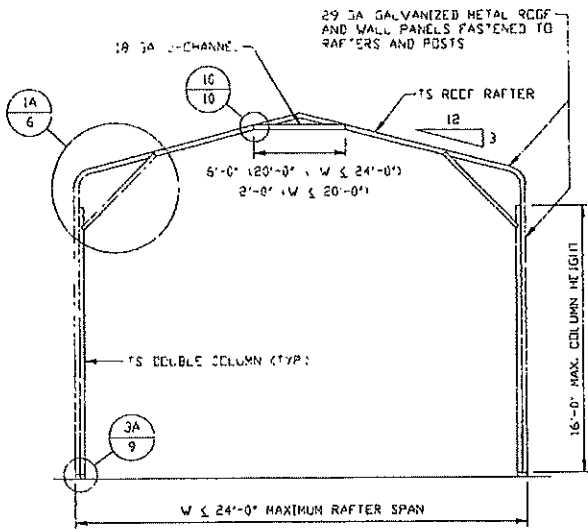
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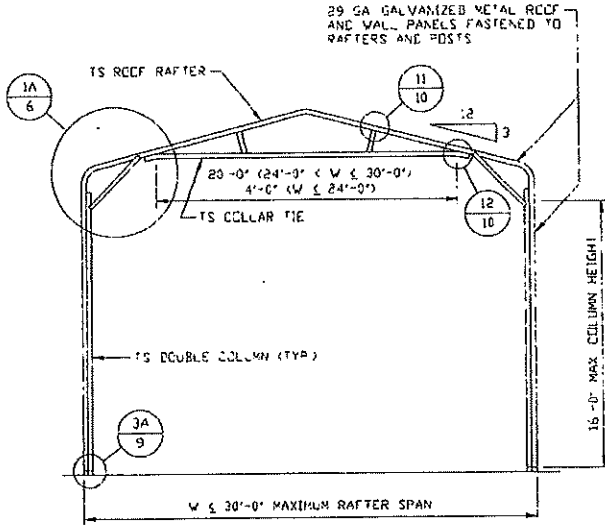
JOB NO:
193155/19179S

REV: 1

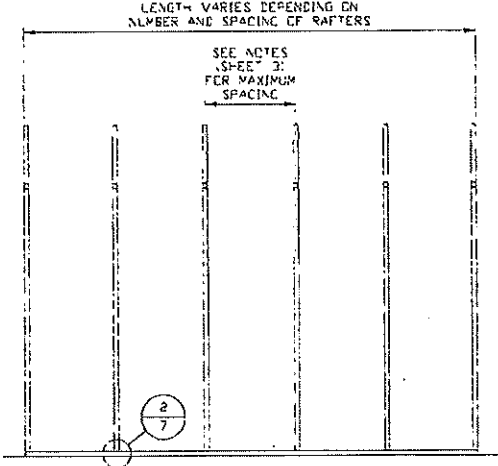
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TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE NTS

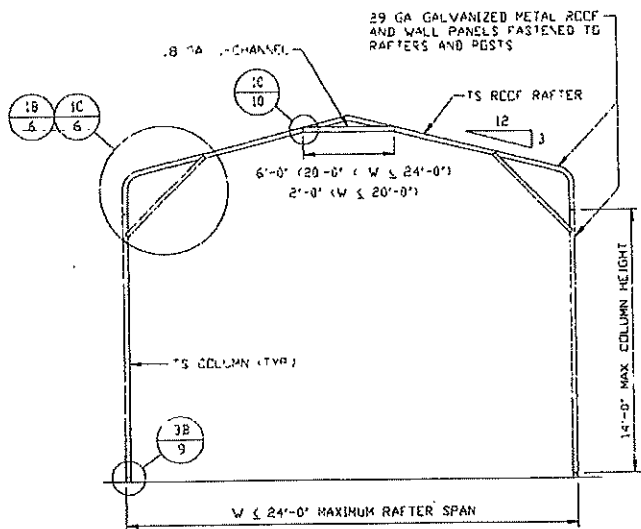


TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE NTS

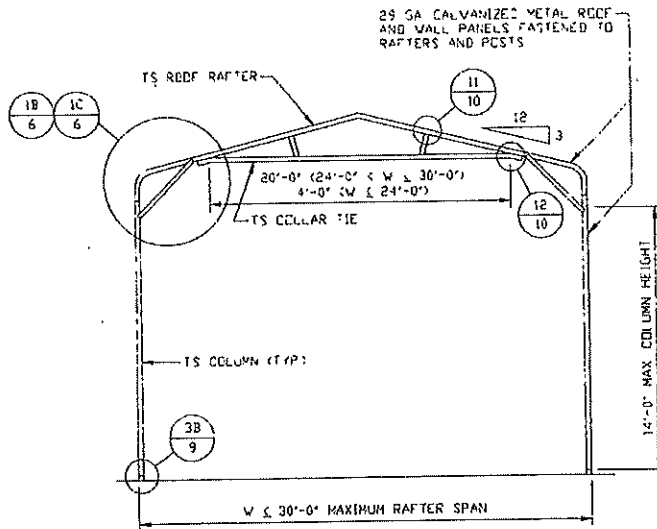


TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION
SCALE NTS

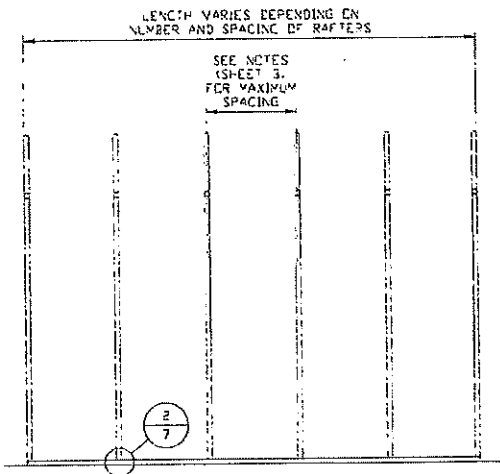
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|---|---------------------|---------------|---|--------------------------|
| MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC. | DRAWN BY: JG | | NC CARPORTS AND GARAGES, LLC 309 S. DEPOT STREET PILOT MOUNTAIN, NC 27041 30'-0" x 16'-0" ENCLOSED STRUCTURE | |
| | CHECKED BY: PH | | | |
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| | CLIENT: NC CARPORTS | SHT. 4B | DWG. NO: SK-3 | REV: 1 |



TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

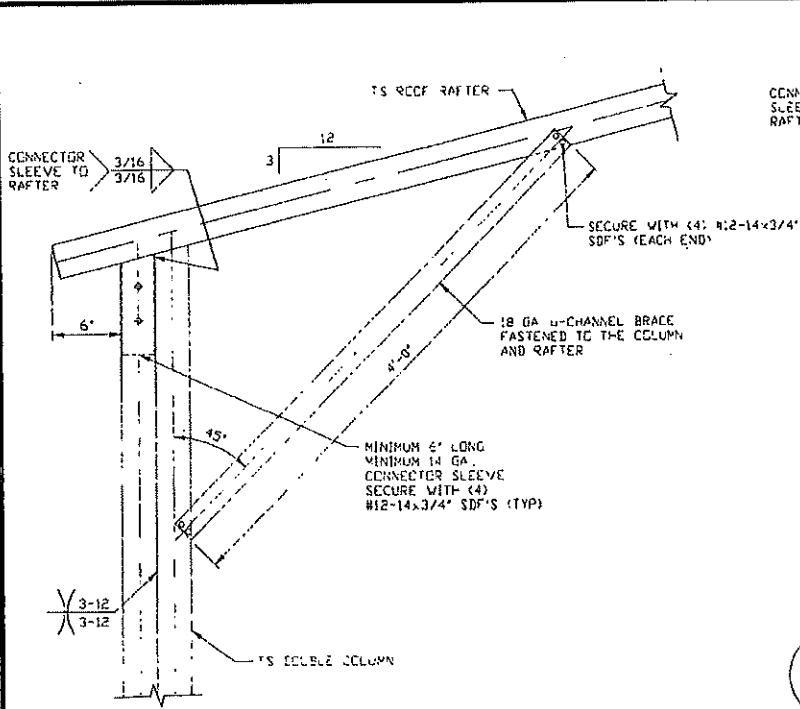


TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

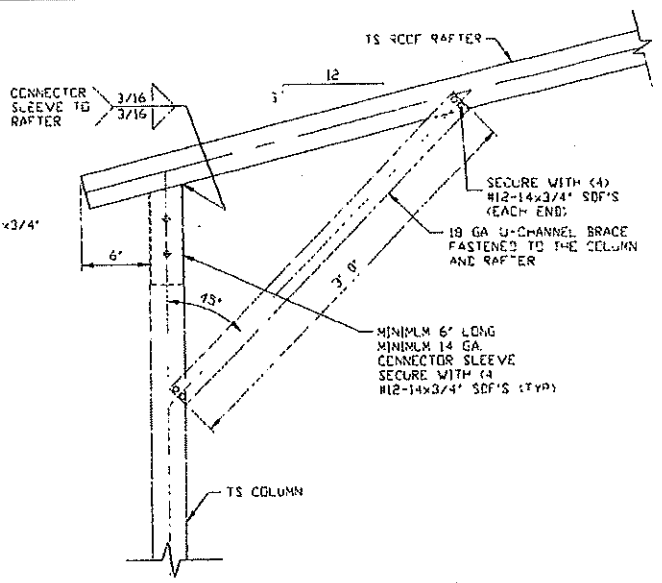


TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION
SCALE: NTS

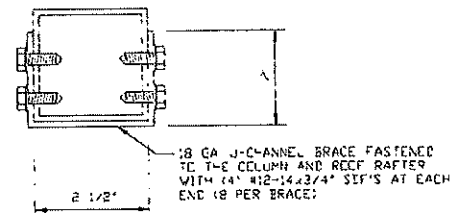
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|--|---------------------|---|---------------|--------------------------|
| MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC. | DRAWN BY: JG | NC CARPORTS AND GARAGES, LLC 309 S. DEPOT STREET PILOT MOUNTAIN, NC 27041 30'-0" x 16'-0" ENCLOSED STRUCTURE | | |
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| | CLIENT: NC CARPORTS | SHT. 4C | DWG. NO: SK-3 | REV: 1 |



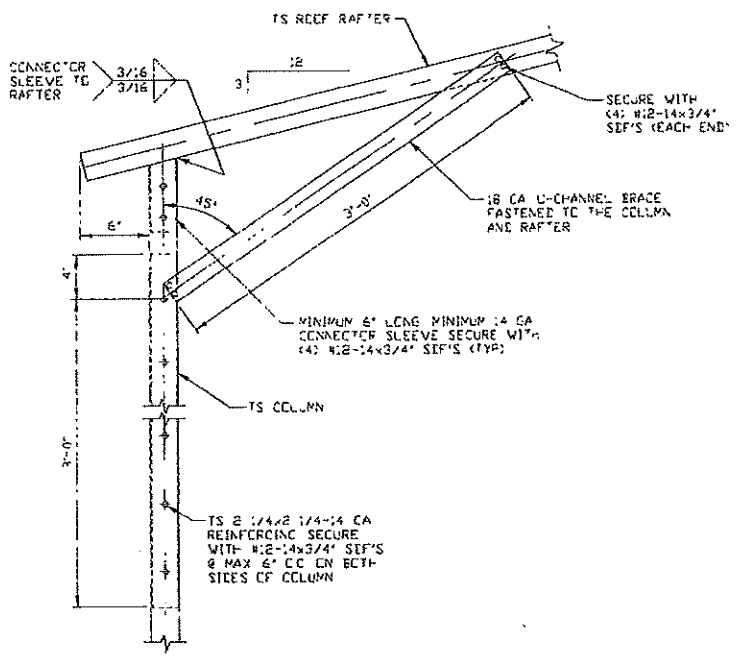
1A
 BOX EAVE RAFTER/CORNER POST
 CONNECTION DETAIL
 FOR HEIGHTS 14'-0" < TO ≤ 16'-0"
 SCALE: NTS



1C
 BOX EAVE RAFTER/CORNER POST
 CONNECTION DETAIL
 FOR HEIGHTS ≤ 12'-0"
 SCALE: NTS

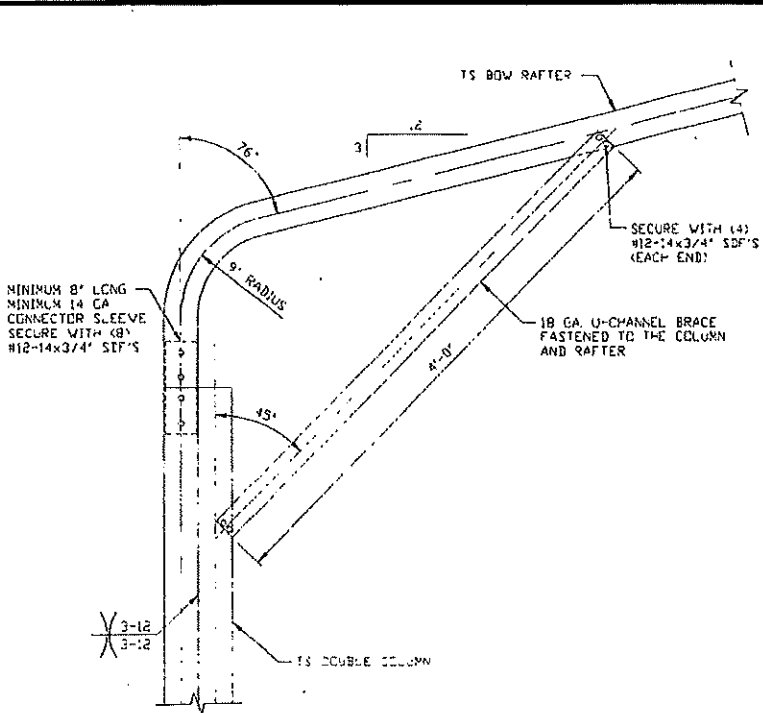


BRACE SECTION
 SCALE: NTS

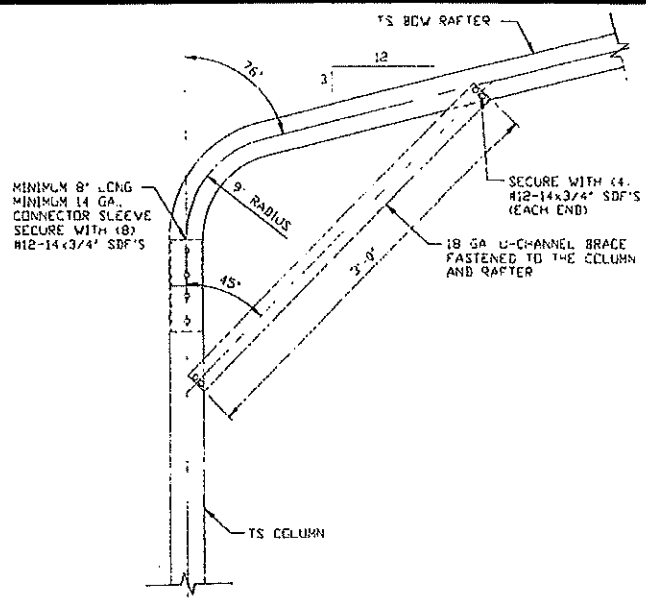


1B
 BOX EAVE RAFTER/CORNER POST
 CONNECTION DETAIL
 FOR HEIGHTS 12'-0" < TO ≤ 14'-0"
 SCALE: NTS

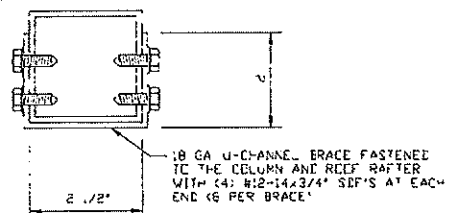
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| | CLIENT: NC CARPORTS | SHT. 5 | DWG. NO: SK-3 | REV: 1 |



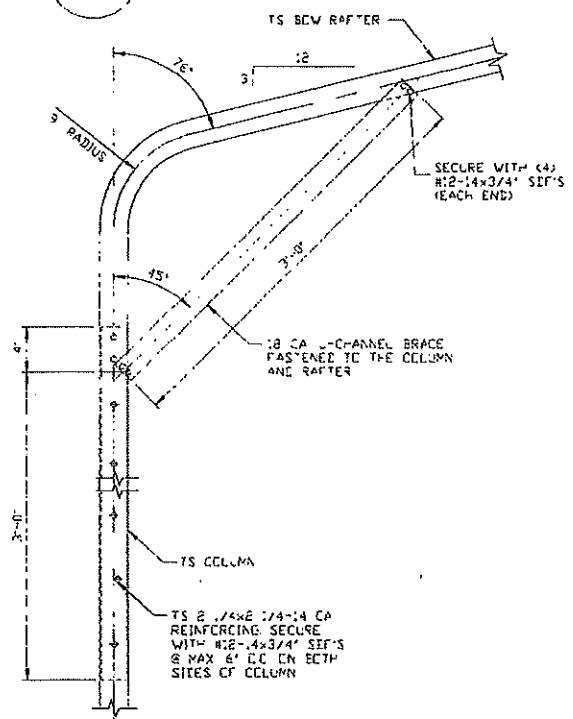
1A
BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS 14'-0" < TO <= 16'-0"
 SCALE: NTS



1C
BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS <= 12'-0"
 SCALE: NTS



BRACE SECTION
 SCALE: NTS

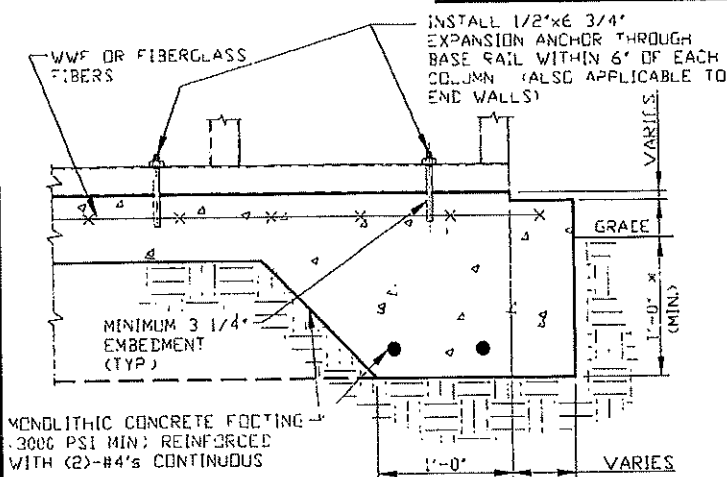


1B
BOW RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS 12'-0" < TO <= 14'-0"
 SCALE: NTS

| | | | | |
|--|----------------|---|-----------------------|--|
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| PROJECT MGR: WSM | DATE: 6-25-19 | SCALE: NTS | JOB NO: 18315S/19179S | |
| CLIENT: NC CARPORTS | SHT. 6 | DWG. NO: SK-3 | REV: 1 | |

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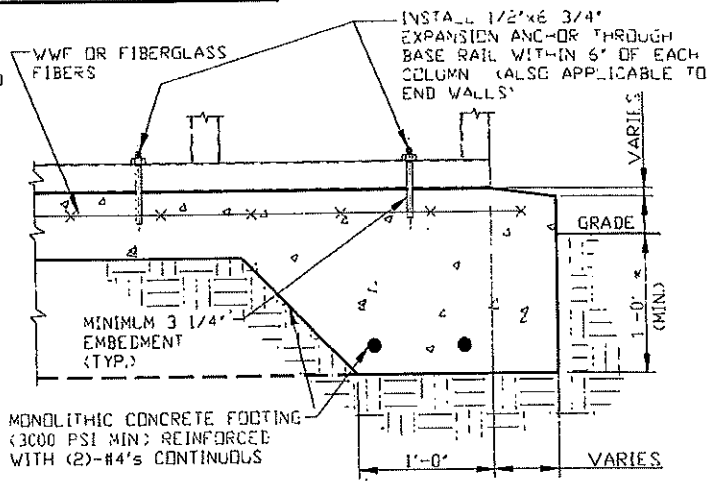
BASE RAIL ANCHORAGE OPTIONS



2A

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

SCALE: NTS
MINIMUM ANCHOR EDGE DISTANCE IS 4"
* COORDINATE WITH LOCAL CODES/GRD.



2B

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

SCALE: NTS
MINIMUM ANCHOR EDGE DISTANCE IS 4"
* COORDINATE WITH LOCAL CODES/GRD.

GENERAL NOTES

NOTE: CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 1500 PSF

CONCRETE:

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS

COVER OVER REINFORCING STEEL:

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-308
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:

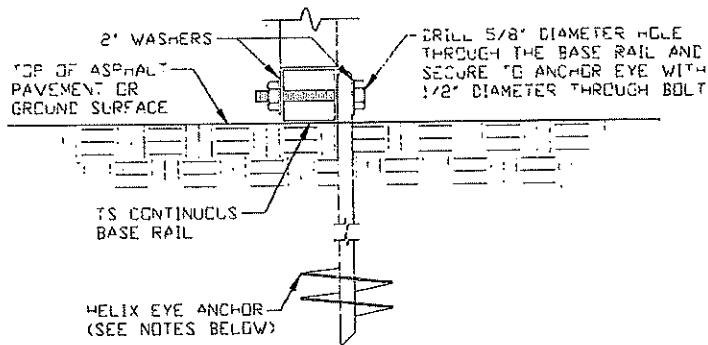
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT

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

1. 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 BE FIELD BENT

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" 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 LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) 6" HELICES WITH MINIMUM 60" EMBEDMENT



2C

GROUND BASE HELIX ANCHORAGE

SCALE: NTS
(CAN BE USED FOR ASPHALT)

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CHECKED BY: PH

PROJECT MGR: WSM

CLIENT: NC CARPORTS

NC CARPORTS AND GARAGES, LLC
309 S. DEPOT STREET
PILOT MOUNTAIN, NC 27041
30'-0" x 16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 7

SCALE: NTS

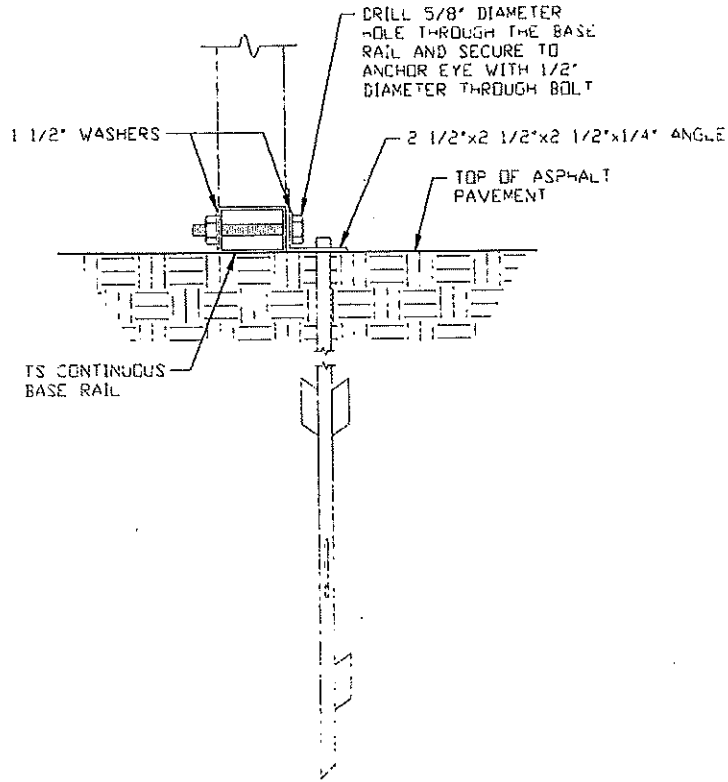
DWG. NO: SK-3

JOB NO:
183155/191795

REV: 1

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BASE RAIL ANCHORAGE OPTIONS



2D
 ASPHALT BASE ANCHORAGE
 SCALE: NTS

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DATE: 6-25-19

SHT. 7A

SCALE: NTS

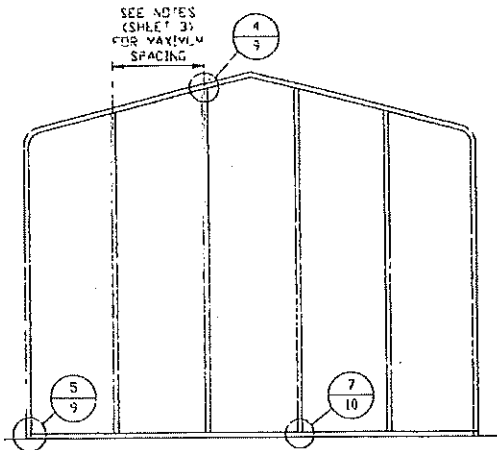
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JOB NO:
19315S/19179S

REV: 1

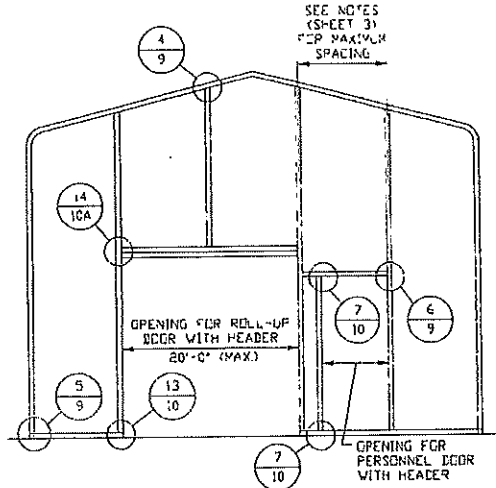
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BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



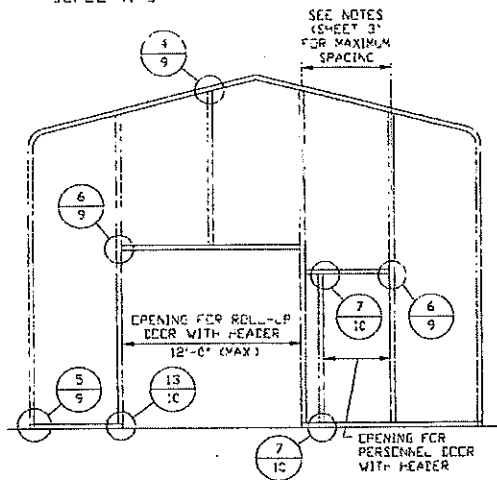
TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

SCALE: NTS



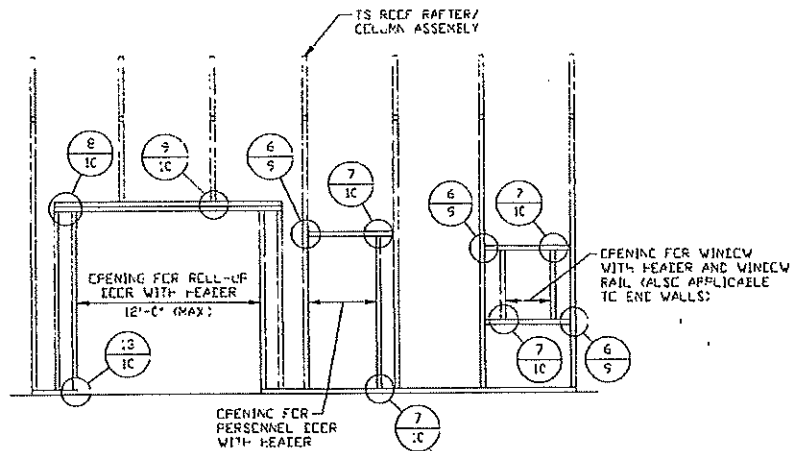
TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS



TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS



TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

SCALE: NTS

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PILOT MOUNTAIN, NC 27041
30'-0" x 16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 8A

SCALE: NTS

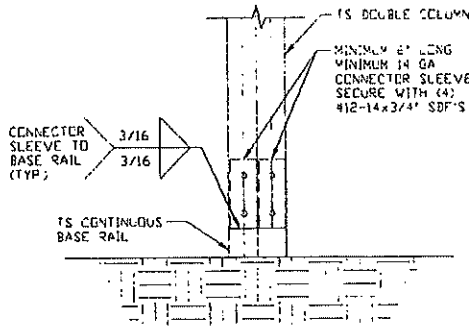
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JOB NO: 183155/19179S

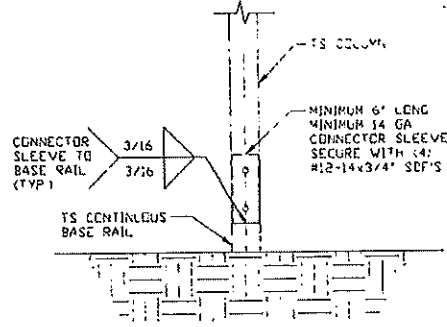
REV: 1

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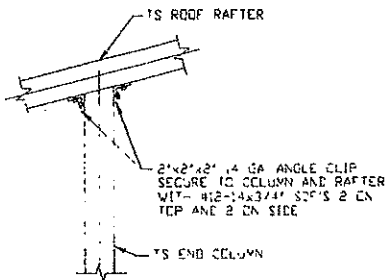
CONNECTION DETAILS



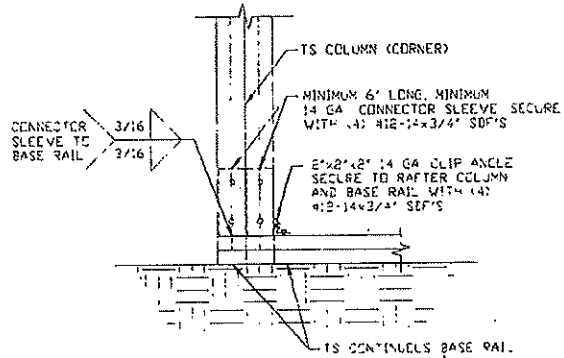
3A POST/BASE RAIL CONNECTION DETAIL
SCALE: NTS



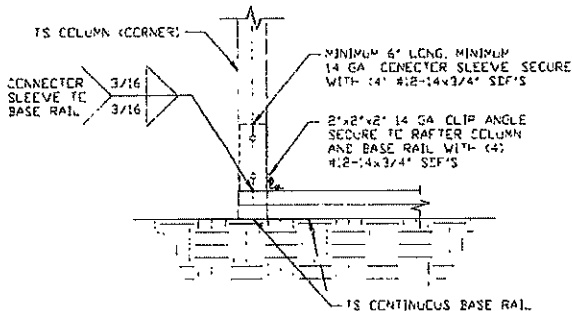
3B POST/BASE RAIL CONNECTION DETAIL
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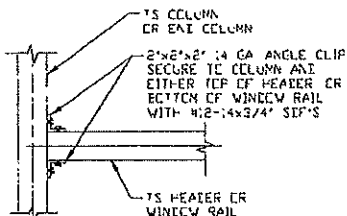
4 END COLUMN/RAFTER CONNECTION DETAIL
SCALE: NTS



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



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



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

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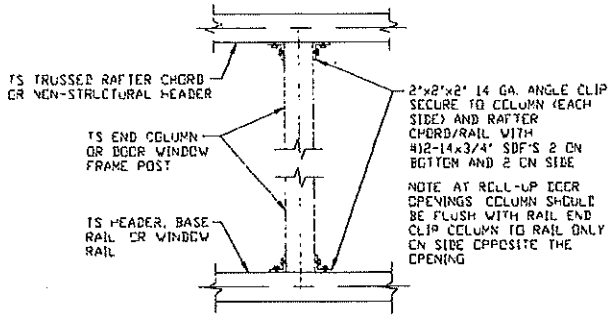
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30'-0" x 16'-0" ENCLOSED STRUCTURE

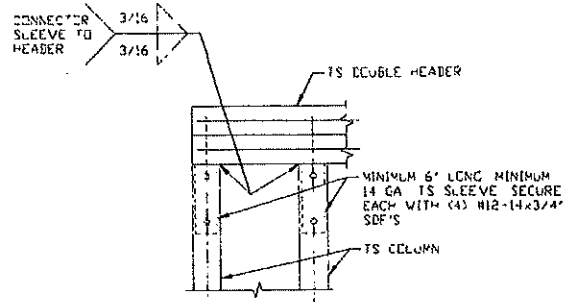
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| CLIENT: NC CARPORTS | SHT. 9 | DWG. NO: SK-3 | REV: 1 |

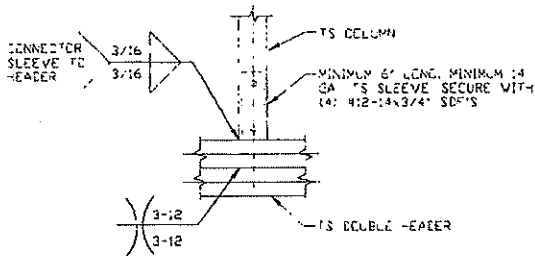
CONNECTION DETAILS



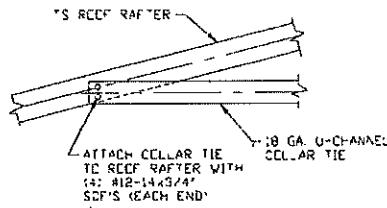
7 COLUMN TO HEADER, BASE RAIL, OR WINDOW RAIL CONNECTION DETAIL
SCALE: NTS



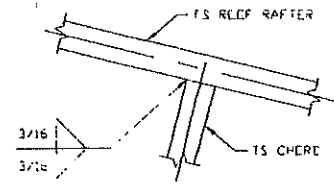
8 DOUBLE HEADER/COLUMN CONNECTION DETAIL
SCALE: NTS



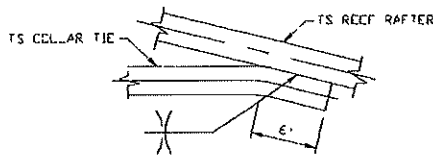
9 COLUMN/DOUBLE HEADER CONNECTION DETAIL
SCALE: NTS



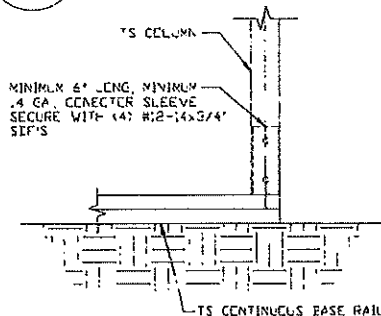
10 COLLAR TIE CONNECTION DETAIL
SCALE: NTS



11 RAFTER TO CHORD CONNECTION DETAIL
SCALE: NTS



12 COLLAR TIE CONNECTION DETAIL
SCALE: NTS



13 COLUMN/BASE RAIL CONNECTION DETAIL
SCALE: NTS

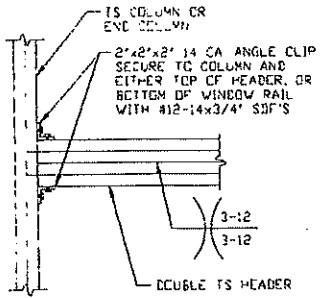
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309 S. DEPOT STREET
PILOT MOUNTAIN, NC 27041
30'-0" x 16'-0" ENCLOSED STRUCTURE
DATE: 6-25-19
SCALE: NTS
DWG. NO: SK-3
JOB NO: 18315S/19179S
REV: 1

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CONNECTION DETAILS



DOUBLE HEADER TO COLUMN CONNECTION DETAIL

14

SCALE: NTS

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30'-0" x 16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 10A

SCALE: NTS

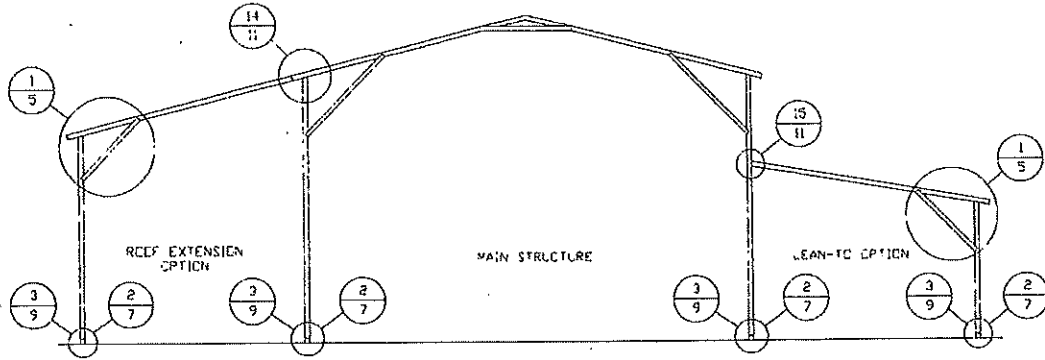
DWG. NO: SK-3

JOB NO:
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REV: 1

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BOX EAVE RAFTER LEAN-TO OPTIONS

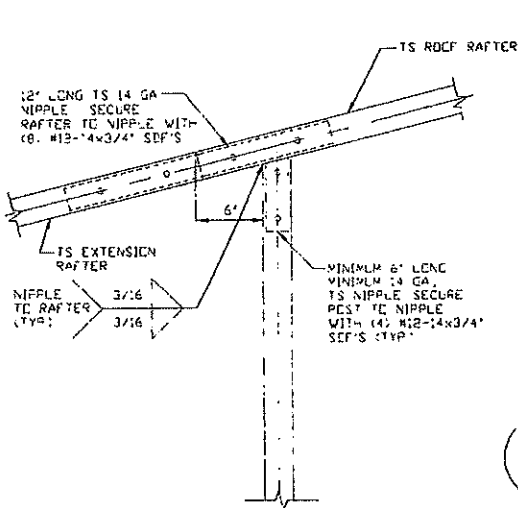


TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN)

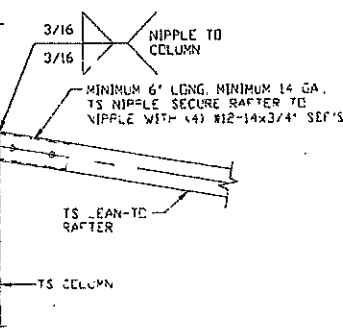
SCALE: NTS

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"

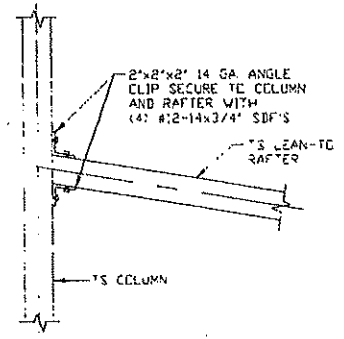


15A



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

SCALE: NTS



15B

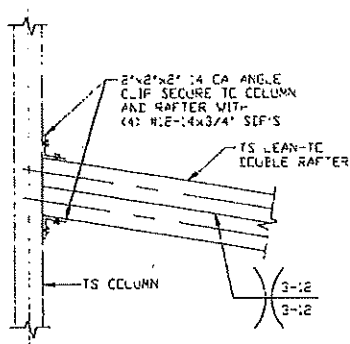
LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS ≤ 12'-0"

SCALE: NTS

14

ROOF EXTENSION RAFTER/CORNER POST DETAIL FOR WIDTHS ≤ 12'-0"

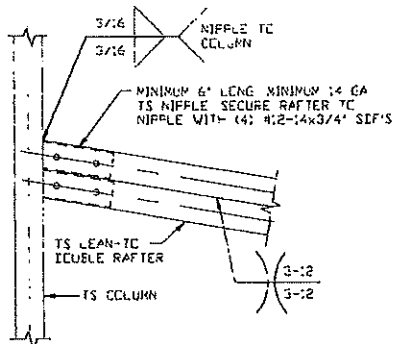
SCALE: NTS



15C

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

SCALE: NTS



15D

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

SCALE: NTS

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CHECKED BY: PH

PROJECT MGR: WSH

CLIENT: NC CARPORTS

NC CARPORTS AND GARAGES, LLC
309 S. DEPOT STREET
PILOT MOUNTAIN, NC 27041
30'-0" x 16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 11

SCALE: NTS

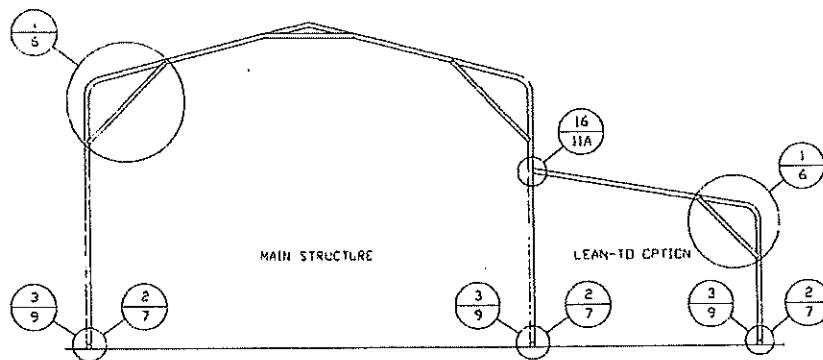
DWG. NO: SK-3

JOB NO: 183155/19179S

REV: 1

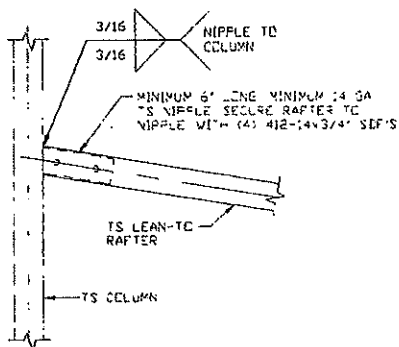
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BOW EAVE RAFTER LEAN-TO OPTIONS



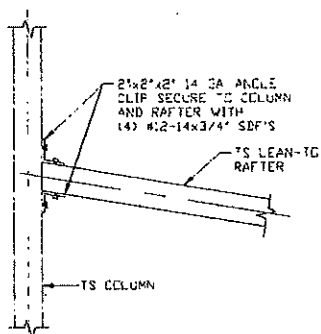
TYPICAL BOW EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION

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



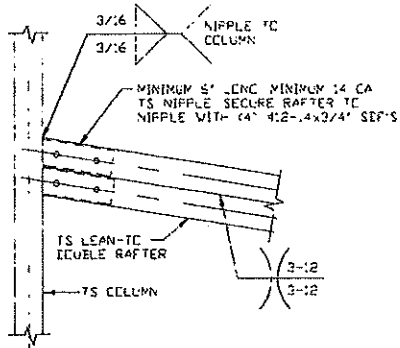
16A

LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS $\leq 12'-0"$
 SCALE: NTS



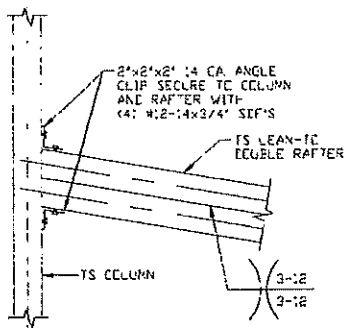
16B

LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS $\leq 12'-0"$
 SCALE: NTS



16C

LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS $\leq 16'-0"$
 SCALE: NTS



16D

LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS $\leq 16'-0"$
 SCALE: NTS

**MOORE AND ASSOCIATES
 ENGINEERING AND CONSULTING, INC.**

DRAWN BY: JG

CHECKED BY: PH

PROJECT MGR: WSH

CLIENT: NC CARPORTS

NC CARPORTS AND GARAGES, LLC
 309 S. DEPOT STREET
 PILOT MOUNTAIN, NC 27041
 30'-0" x 16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 11A

SCALE: NTS

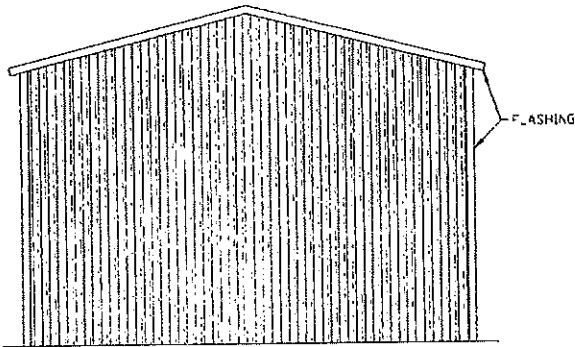
DWG. NO: SK-3

JOB NO:
 19315S/19179S

REV: 1

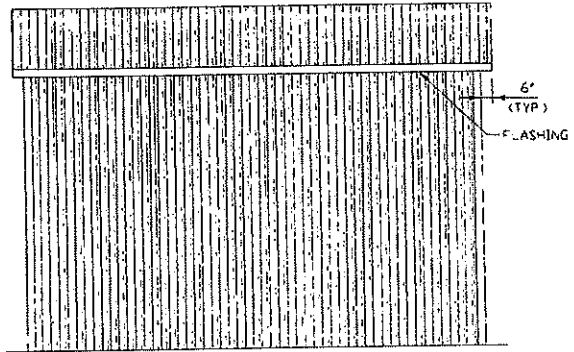
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BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



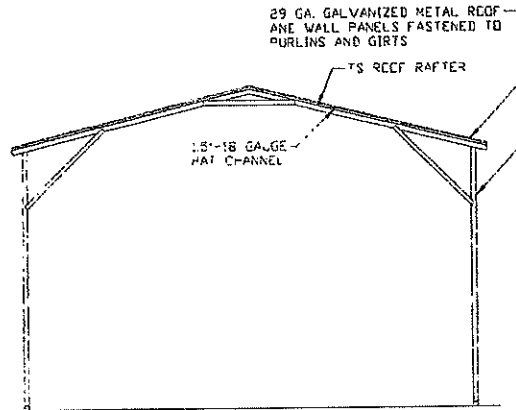
**TYPICAL END ELEVATION
VERTICAL ROOF/SIDING**

SCALE: NTS



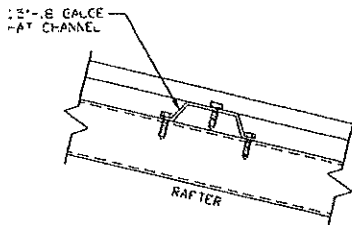
**TYPICAL SIDE ELEVATION
VERTICAL ROOF/SIDING**

SCALE: NTS



**TYPICAL SECTION
VERTICAL ROOF/SIDING OPTION**

SCALE: NTS



PANEL ATTACHMENT

(ALTERNATE FOR VERTICAL ROOF PANELS)
SCALE: NTS

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ENGINEERING AND CONSULTING, INC.**

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CHECKED BY: PH

PROJECT MGR: WSH

CLIENT: NC CARPORTS

NC CARPORTS AND GARAGES, LLC
309 S. DEPOT STREET
PILOT MOUNTAIN, NC 27041
30'-0" x 16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 12

SCALE: NTS

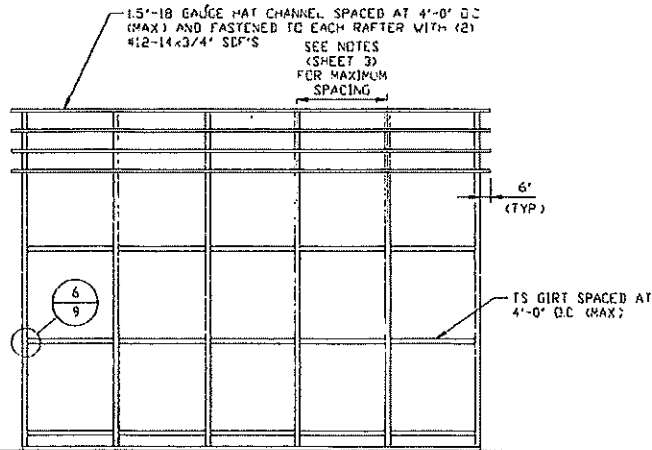
DWG. NO: SK-3

JOB NO:
18315S/19179S

REV: 1

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BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



**TYPICAL FRAMING SECTION
VERTICAL ROOF/SIDING OPTION
WITH TS GIRTS**

SCALE: NTS

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ENGINEERING AND CONSULTING, INC.**

DRAWN BY: JG

CHECKED BY: PH

PROJECT MGR: WSM

CLIENT: NC CARPORTS

NC CARPORTS AND GARAGES, LLC
309 S. DEPOT STREET
PILOT MOUNTAIN, NC 27041
30'-0" x 16'-0" ENCLOSED STRUCTURE

DATE: 6-25-19

SHT. 12A

SCALE: NTS

DWG. NO: SK-3

JOB NO:
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