

DATE 05/03/2019

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
 000038069

APPLICANT BOBBY BOWLES PHONE 606.875.4402
 ADDRESS 525 SW BIRLEY AVE LAKE CITY IL 32024
 OWNER BOBBY & CINDY BOWLES PHONE 606.875.4402
 ADDRESS 525 SW BIRLEY AVE LAKE CITY IL 32024
 CONTRACTOR BOBBY & CINDY BOWLES PHONE 606.876.4402
 LOCATION OF PROPERTY 90-W TO BIRLEY, IL. IL. ON EASEMENT JUST PAST COMMUNITY CENTER. FOLLOW BACK TO HOME.
 TYPE DEVELOPMENT METAL STORAGE BLDG ESTIMATED COST OF CONSTRUCTION 0.00
 HEATED FLOOR AREA TOTAL AREA 1200.00 HEIGHT STORIES
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 3/12 FLOOR CONC
 LAND USE & ZONING A-3 MAX. HEIGHT
 Minimum Set Back Requirements: STREET FRONT 30.00 REAR 25.00 SIDE 25.00
 NO. EX.D.U. 21 FLOOD ZONE N DEVELOPMENT PERMIT NO.

PARCEL ID 32-38-16-02420-007 SUBDIVISION
 LOT BLOCK PHASE UNIT TOTAL ACRES 10.00

OWNERS Bobby Bowles
 Culvert Permit No. Culvert Waiver Contractor's License Number Applicant Owner Contractor
 EXISTING 19-0344 LH TC N
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident Time SHIP No.
 COMMENTS: NON-HABITABLE STRUCTURE

Check # or Cash 2034

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power Foundation Monolithic (Footer Slab)
 date/app. by date/app. by date/app. by
 Under slab rough-in plumbing Slab Sheathing Nailing
 date/app. by date/app. by date/app. by
 Framing Insulation
 date/app. by date/app. by
 Rough-in plumbing above slab and below wood floor Electrical rough-in
 date/app. by date/app. by
 Heat & Air Duct Peri. beam (Intel) Pool
 date/app. by date/app. by date/app. by
 Permanent power C.O. Final Culvert
 date/app. by date/app. by date/app. by
 Pump pole Utility Pole MH tie downs, blocking, electricity and plumbing
 date/app. by date/app. by date/app. by
 Reconnection RV Re-roof
 date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 0.00 CERTIFICATION FEE \$ 6.00 SURCHARGE FEE \$ 6.00
 MISC. FEES \$ 75.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASH FEE \$
 PLAN REVIEW FEE \$ 19.00 DP & FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ **TOTAL FEE** 181.00

INSPECTOR'S OFFICE CLERK'S OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.
 NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECEIVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECEIVED AN APPROVED INSPECTION WITHIN 180 DAYS OF THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County New Building Permit Application

or Office Use Only Application # 1904-75 Date Received 4-24-19 By UH Permit # 38069
 Zoning Official JMD Date 4-25-19 Flood Zone X Land Use A8 Zoning A-3
 FEMA Map # _____ Elevation _____ MFE N/A River _____ Plans Examiner 1.c Date 4-30-19

Comments NON-Habitable Structure

☒ NOC ☒ MEH ☒ Deed or PA ☒ Site Plan ☒ State Road Info ☐ Well Letter ☒ 911 Sheet _____ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
☒ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☒ App Fee Paid ☒ Sub VF Form

Septic Permit No. 19-0344 OR City Water ☐ Fax _____

Applicant (Who will sign/pickup the permit) Bobby Bowles Phone 606-875-4402

Address 525 SW Birley AVE. Lake City 32024

Owners Name Bobby & Cindy Bowles Phone 606-875-4402

911 Address 525 SW Birley AVE. Lake City FL. 606-875-5715

Contractors Name Bobby Bowles Phone 606-875-4402

Address 525 SW Birley AVE.

Contractor Email bobby bowles 62@yahoo.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Moore & Associates 1009 E Ave. North Augusta, SC 29841

Mortgage Lenders Name & Address _____

Circle the correct power company ☒ FL Power & Light ☐ Clay Elec. ☐ Suwannee Valley Elec. ☐ Duke Energy

Property ID Number 32-35-16-02420-007 Estimated Construction Cost 16500.00

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions from a Major Road 90W, @ Birley Rd, @ on easement just past Community Center, follow Back to home

Construction of garage Commercial OR Residential

Proposed Use/Occupancy personal Number of Existing Dwellings on Property 1

Is the Building Fire Sprinkled? NO If Yes, blueprints included _____ Or Explain _____

Circle Proposed ☐ Culvert Permit or ☐ Culvert Waiver or ☐ D.O.T. Permit or ☒ Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 300 FT Side 275 FT Side 360 + Rear 800 +

Number of Stories 1 Heated Floor Area 0 Total Floor Area 1200 SF Acreage 10

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.)

2034

Columbia County Building Permit Application

CODE: Florida Building Code 2017 and the 2014 National Electrical Code.

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

Bobby Bowles
Print Owners Name

Bobby Bowles
Owners Signature

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Contractor's Signature

Contractor's License Number _____
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20__.

Personally known ☐ or Produced Identification _____

SEAL:

State of Florida Notary Signature (For the Contractor)

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # _____ JOB NAME _____

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. One permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the general contractors permit.

NOTE: It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.

Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
MECHANICAL/ A/C <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/ GAS <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/ SPRINKLER <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
STATE <input type="checkbox"/> SPECIALTY CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE



Columbia County Property Appraiser Jeff Hampton | Lake City, Florida | 386-758-1083

PARCEL: 32-3S-16-02420-007 | MOBILE HOM (000200) | 9.92 AC

COMM AT SW COR OF NE1/4, RUN N 05 DG E 1013.66 FT, S 78 DG E 1114.70 FT FOR POB, N 05 DG E 392.62 FT, E 1152.55 FT, S 7 DG W 394.25 FT, W 1139.22 FT T

NOTES:

Owner: BOWLES BOBBY E & CINDY S

333 SOUTHWEST SLEEPY GLEN
LAKE CITY, FL 32024

Site: 525 BIRLEY AVE, LAKE CITY

Sales 5/27/2014 \$39,900 I (U)
4/29/2014 \$100 I (U)
Info 6/26/2013 \$100 I (U)

2018 Certified Values

Mkt Lnd	\$45,739	Appraised	\$62,452
Ag Lnd	\$0	Assessed	\$62,452
Bldg	\$15,513	Exempt	\$0
XFOB	\$1,200	county:	\$62,452
Just	\$62,452	Total	city: \$62,452
		Taxable	other: \$62,452
			school: \$62,452



Columbia County, FL

This information, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office.

GrizzlyLogic.com

Columbia County Property Appraiser

Jeff Hampton

2018 Tax Roll Year

updated: 3/29/2019

Parcel: << 32-3S-16-02420-007 >>

Aerial Viewer Pictometry Google Maps

Owner & Property Info

Result: 1 of 1

Owner	BOWLES BOBBY E & CINDY S 333 SOUTHWEST SLEEPY GLEN LAKE CITY, FL 32024		
Site	525 BIRLEY AVE, LAKE CITY		
Description*	COMM AT SW COR OF NE1/4, RUN N 05 DG E 1013.66 FT, S 78 DG E 1114.70 FT FOR POB, N 05 DG E 392.62 FT, E 1152.55 FT, S 7 DG W 394.25 FT, W 1139.22 FT TO POB. ORB 1032-1635, (DC JERRY GLEN CPOE 1103-15), WD 1183-394, QCD 1275-1126, SWD 1275-1285		
Area	9.92 AC	S/T/R	32-3S-16E
Use Code**	MOBILE HOM (000200)	Tax District	3

*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.

**The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

Property & Assessment Values

2018 Certified Values		2019 Working Values	
Mkt Land (3)	\$44,489	Mkt Land (3)	\$45,739
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (1)	\$15,850	Building (1)	\$15,513
XFOB (1)	\$1,200	XFOB (1)	\$1,200
Just	\$61,539	Just	\$62,452
Class	\$0	Class	\$0
Appraised	\$61,539	Appraised	\$62,452
SOH Cap [?]	\$0	SOH Cap [?]	\$0
Assessed	\$61,539	Assessed	\$62,452
Exempt	\$0	Exempt	\$0
Total	county:\$61,539 city:\$61,539	Total	county:\$62,452 city:\$62,452
Taxable	other:\$61,539 school:\$61,539	Taxable	other:\$62,452 school:\$62,452

☒ 2019 ☐ 2016 ☐ 2013 ☐ 2010 ☐ 2007 ☐ 2005 ☒ Sales


Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
5/27/2014	\$39,900	1275/1285	WD	I	U	12
4/29/2014	\$100	1275/1126	QC	I	U	18
6/26/2013	\$100	1259/1291	CT	I	U	18
8/27/2009	\$100	1183/0394	WD	V	U	11
11/11/2004	\$100	1031/1635	QC	V	U	01

Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
Sketch	1	MOBILE HME (000800)	1999	1680	1888	\$15,513

*Bldg Desc determinations are used by the Property Appraisers office solely for the purpose of determining a property's Just Value for ad valorem tax purposes and should not be used for any other purpose.

Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0190	FPLC PF	2004	\$1,200.00	1.000	0 x 0 x 0	(000.00)



COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

OWNER BUILDER DISCLOSURE STATEMENT

I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

I understand that it is frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at 850-487-1395 or Internet website address <http://www.myfloridalicense.com/dbpr/> for more information about licensed contractors.

I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

525 SW BIRLEY AVE. Lake City FL 32024 .

I agree to notify Columbia County Building Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual of firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

I understand that if I hire subcontractors they must be licensed for that type of work in Columbia County, ex: framing, stucco, masonry, and state registered builders. Registered Contractors must have a minimum of \$300,000.00 in General Liability insurance coverage and the proper workers' compensation. Specialty Contractors must have a minimum of \$100,000.00 in General Liability insurance coverage and the proper workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to Columbia County Building Department.

TYPE OF CONSTRUCTION

- () Single Family Dwelling () Two-Family Residence () Farm Outbuilding
() Addition, Alteration, Modification or other Improvement
() Commercial, Cost of Construction _____ for construction of _____
(☒) Other _____

I Bobby Bowles, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes allowing this exception for the construction permitted by Columbia County Building Permit.

Bobby Bowles
Owner Builder Signature

4/24/19
Date

NOTARY OF OWNER BUILDER SIGNATURE

The above signer is personally known to me or produced identification Driver's License

Notary Signature Marla M. Landin
Marla M. Landin

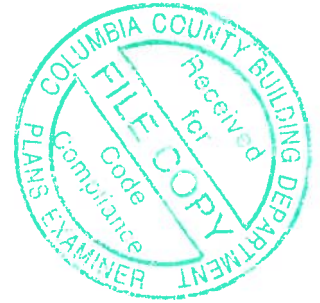
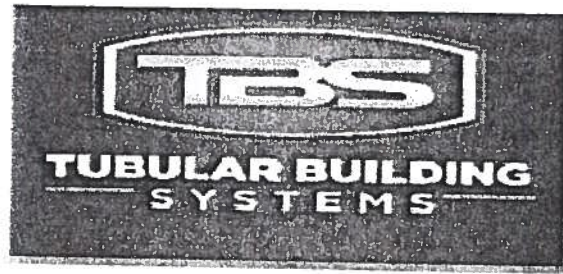
Date 4/24/19



FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner builder has been given notice of the restriction stated above.

Building Official/Representative _____



STRUCTURAL DESIGN
ENCLOSED BUILDING
EXPOSURE B

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

18 December 2017

Revision 4

M&A Project No. 16022S/17300S

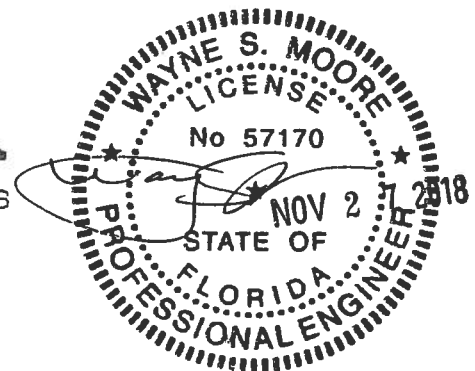
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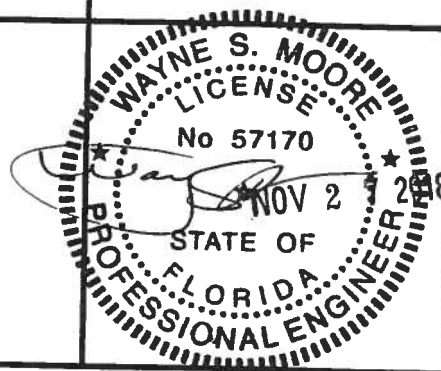
Tubular Building Systems, LLC
631 SE Industrial Circle
Lake City, Florida 32025

Prepared by:

Moore and Associates Engineering and Consulting, Inc.
1009 East Avenue
North Augusta, SC 29841

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





MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING, INC.

DRAWN BY: LT

CHECKED BY: PDH

PROJECT MGR: WSH

CLIENT: TBS

TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B
PE SEAL COVER SHEET

DATE: 12-18-17

SCALE: NTS

JOB NO:
16022S/17300S

SHT. 1

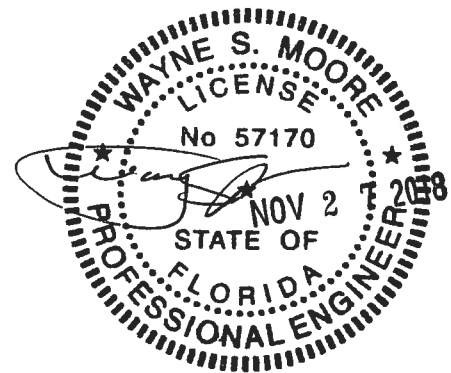
DWG. NO: SK-3

REV: 4

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

DRAWN BY: LT

CHECKED BY: PDH

PROJECT MGR: VSM

CLIENT: TBS

**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

DWG. NO: SK-3

**JOB NO:
16022S/17300S**

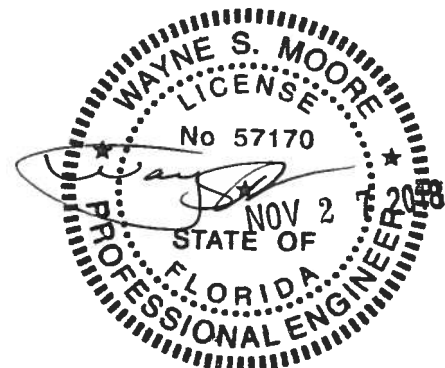
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REV: 4

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INSTALLATION NOTES AND SPECIFICATIONS

1. DESIGN IS FOR A MAXIMUM 30'-0" WIDE x 20'-0" EAVE HEIGHT ENCLOSED STRUCTURES.
2. DESIGN WAS DONE IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION, 2012 INTERNATIONAL BUILDING CODE (IBC), AND 2015 IBC.
3. DESIGN LOADS ARE AS FOLLOWS:
 - A) DEAD LOAD = 1.5 PSF
 - B) LIVE LOAD = 12 PSF
 - C) GROUND SNOW LOAD = 10 PSF
4. LOW ULTIMATE WIND SPEED 105 TO 140 MPH (NOMINAL WIND SPEED 81 TO 108 MPH) MAXIMUM RAFTER/POST AND END POST SPACING = 5.0 FEET.
5. HIGH ULTIMATE WIND SPEED 141 TO 170 MPH (NOMINAL WIND SPEED 109 TO 132 MPH) MAXIMUM RAFTER/POST AND END POST SPACING = 4.0 FEET.
6. LOW HAZARD RISK CATEGORY I (WIND).
7. WIND EXPOSURE CATEGORY B.
8. SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/2" x 2 1/2" - 14 GAUGE TUBE STEEL (TS) FRAMING MEMBERS. FOR VERTICAL PANELS, 29 GAUGE METAL PANELS SHALL BE FASTENED TO 18 GAUGE HAT CHANNELS (UNLESS OTHERWISE NOTED).
9. AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS, INTERIOR = 9" OR END = 6", (MAX)
10. 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 20 FEET OR LESS, AND ROOF SLOPES OF 14" (3:12 PITCH) OR LESS. SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND/OR SLOPES MAY VARY.
11. GROUND ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6" OF EACH RAFTER COLUMN ALONG SIDES.
12. GROUND ANCHORS (SOIL NAILS) CONSIST OF #4 REBAR W/WELDED NUT x 30" LONG IN SUITABLE SOIL CONDITIONS MAY BE USED FOR LOW (< 108 MPH NOMINAL) WIND SPEEDS ONLY. OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SOILS AND MUST BE USE IN UNSUITABLE SOILS AS NOTED.
13. OPTIONAL BASE RAIL ANCHORAGE MAY BE USED FOR LOW AND MUST BE USED FOR HIGH WIND SPEEDS.
14. WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE:
 - SOIL SITE CLASS = D
 - RISK CATEGORY I/II/III
 - R= 3.25 I_E= 1.0
 - S_{DS}= 1.522 V= C_SW
 - S_{D1}= 0.839



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CHECKED BY: PDH

PROJECT MGR: WSM

CLIENT: TBS

**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

DWG. NO: SK-3

**JOB NO:
16022S/17300S**

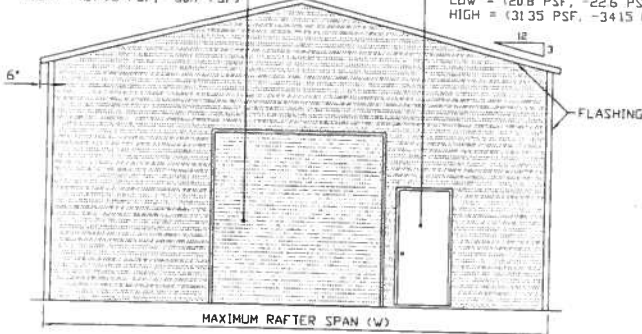
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BOX EAVE FRAME RAFTER ENCLOSED BUILDING

ROLL-UP DOOR
(AS APPLICABLE)
DESIGN PRESSURE
LOW = (18.5 PSF, -20.4 PSF)
HIGH = (27.95 PSF, -30.7 PSF)

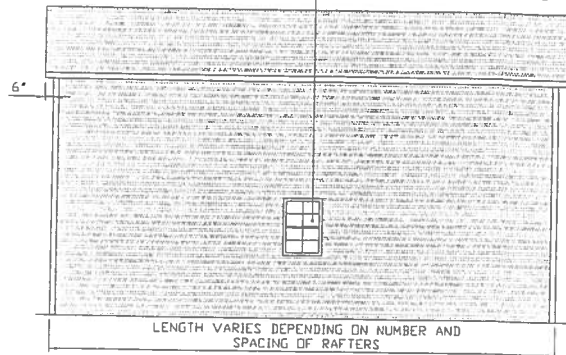
SWINGING DOOR
(AS APPLICABLE)
DESIGN PRESSURE
LOW = (20.8 PSF, -22.6 PSF)
HIGH = (31.35 PSF, -34.15 PSF)



TYPICAL END ELEVATION-HORIZONTAL ROOF

SCALE: NTS

WINDOW (AS APPLICABLE)
DESIGN PRESSURE
LOW = (21.8 PSF, -23.6 PSF)
HIGH = (32.85 PSF, -35.6 PSF)



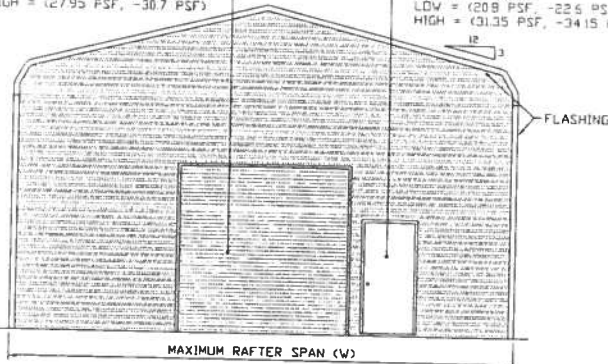
TYPICAL SIDE ELEVATION-HORIZONTAL ROOF

SCALE: NTS

BOW FRAME RAFTER ENCLOSED BUILDING

ROLL-UP DOOR
(AS APPLICABLE)
DESIGN PRESSURE
LOW = (18.5 PSF, -20.4 PSF)
HIGH = (27.95 PSF, -30.7 PSF)

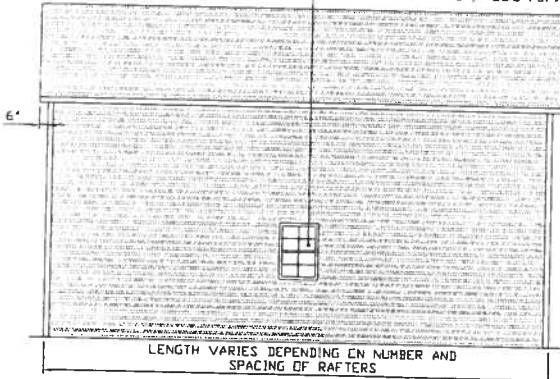
SWINGING DOOR
(AS APPLICABLE)
DESIGN PRESSURE
LOW = (20.8 PSF, -22.6 PSF)
HIGH = (31.35 PSF, -34.15 PSF)



TYPICAL END ELEVATION

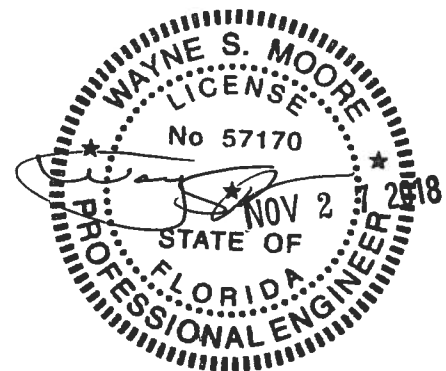
SCALE: NTS

WINDOW (AS APPLICABLE)
DESIGN PRESSURE
LOW = (21.8 PSF, -23.6 PSF)
HIGH = (32.85 PSF, -35.6 PSF)



TYPICAL SIDE ELEVATION

SCALE: NTS



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TUBULAR BUILDING SYSTEMS
30'-0" x 20'-0" ENCLOSED BUILDING EXP. B

DATE: 12-18-17

SCALE: NTS

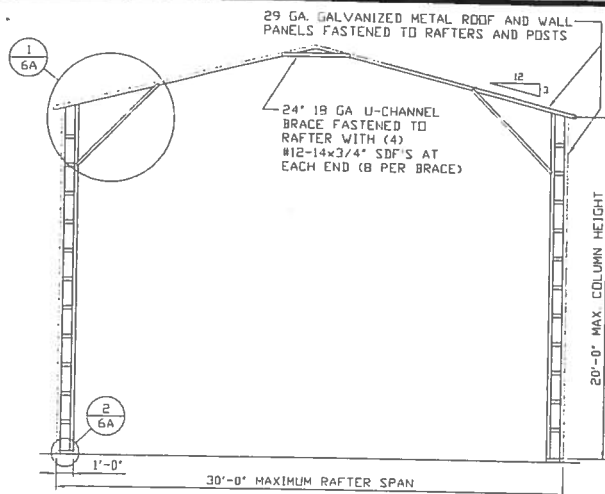
DWG. NO: SK-3

JOB NO:
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SHT. 4

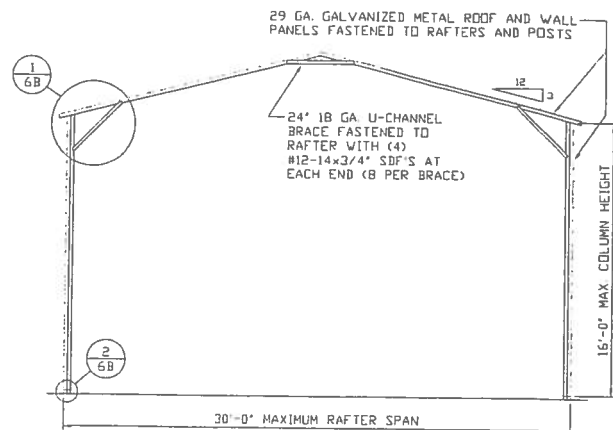
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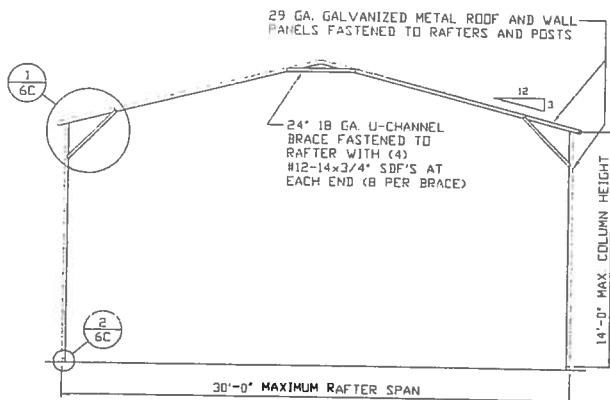
TYPICAL RAFTER/COLUMN END FRAME SECTION

SCALE: NTS



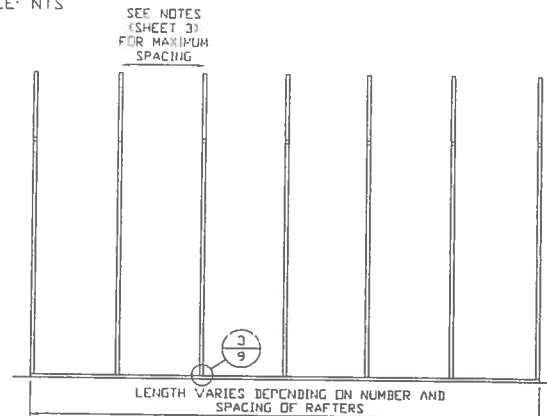
TYPICAL RAFTER/COLUMN END FRAME SECTION

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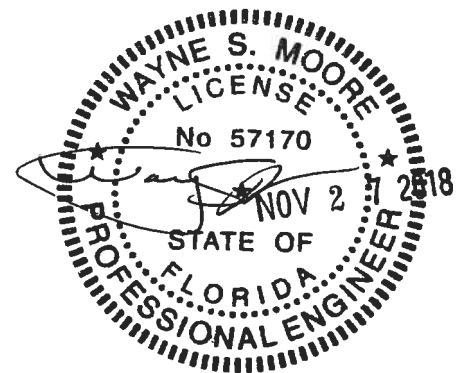
TYPICAL RAFTER/COLUMN END FRAME SECTION

SCALE: NTS



TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

SCALE: NTS



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TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B

DATE: 12-18-17

SHT. 5

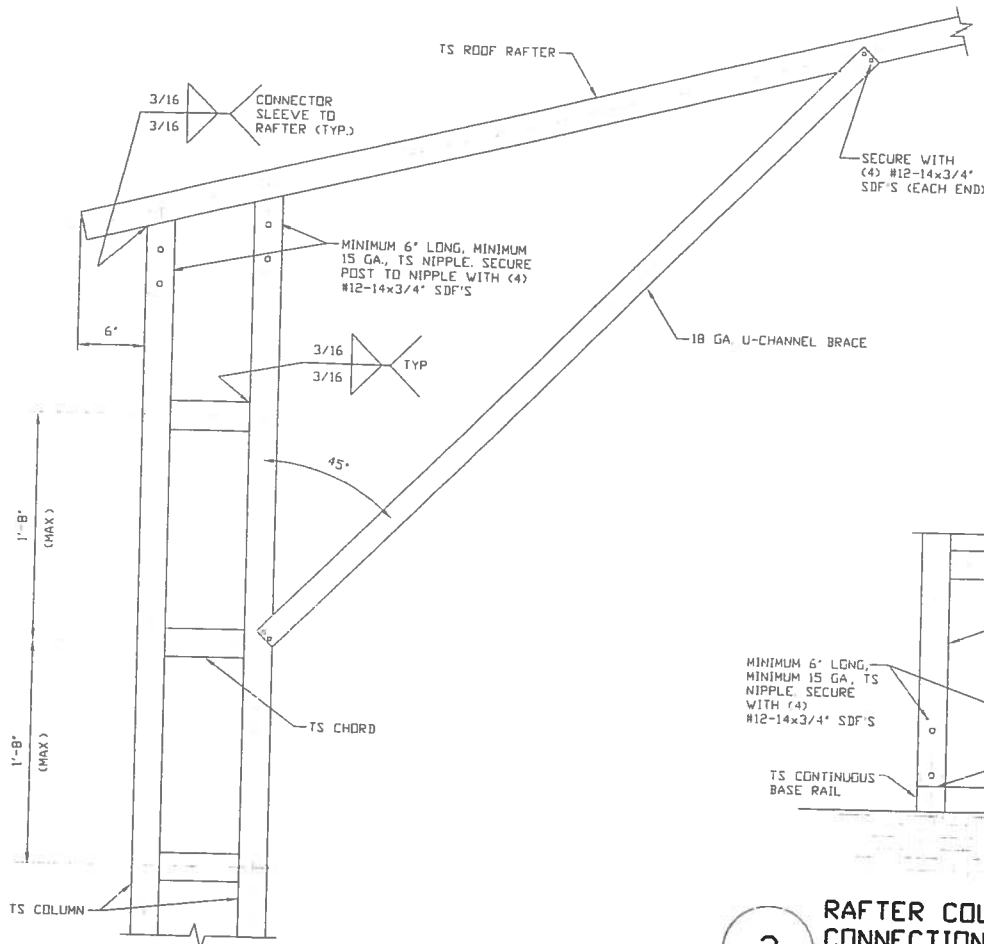
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DWG. NO: SK-3

JOB NO:
16022S/17300S

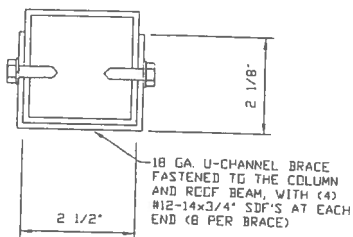
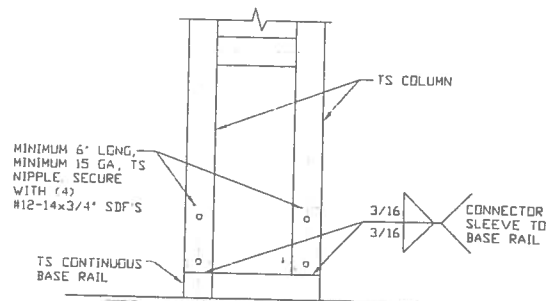
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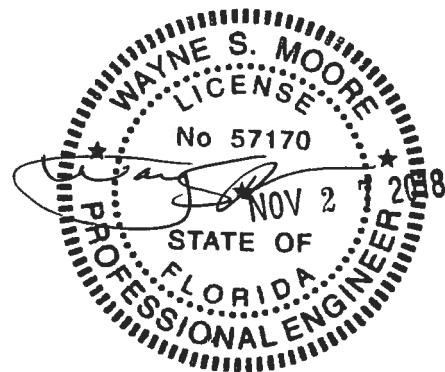


1 BOX EAVE RAFTER COLUMN
CONNECTION DETAIL
FOR HEIGHTS 16'-0" < TO ≤ 20'-0"
SCALE: NTS

2 RAFTER COLUMN/BASE RAIL
CONNECTION DETAIL
SCALE: NTS



BRACE SECTION
SCALE: NTS



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CLIENT: TBS

**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

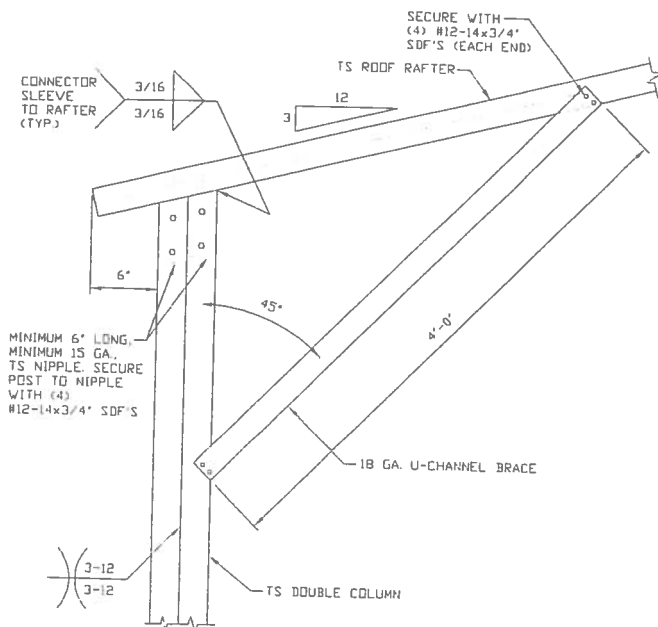
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**JOB NO:
16022S/17300S**

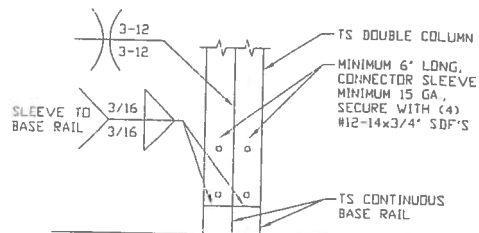
SHT. 6A

REV: 4

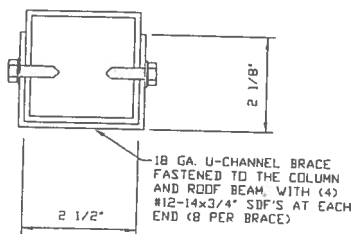
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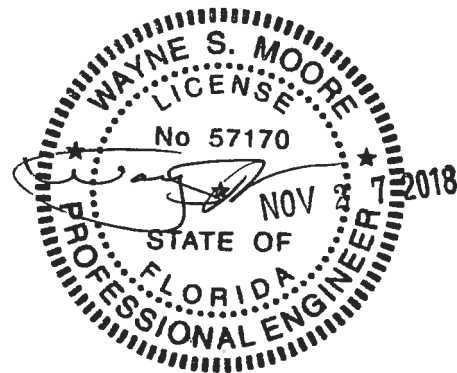
1 BOX EAVE RAFTER COLUMN
CONNECTION DETAIL
FOR HEIGHTS 14'-0" < TO ≤ 16'-0"
SCALE: NTS



2 RAFTER COLUMN/BASE RAIL
CONNECTION DETAIL
SCALE: NTS



BRACE SECTION
SCALE: NTS



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TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B

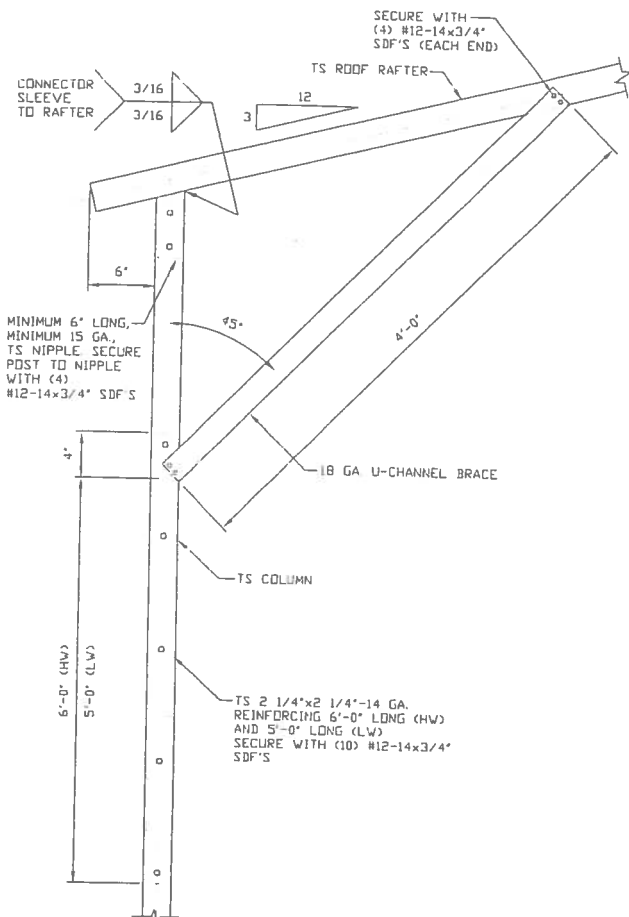
DATE: 12-18-17

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DWG. NO: SK-3

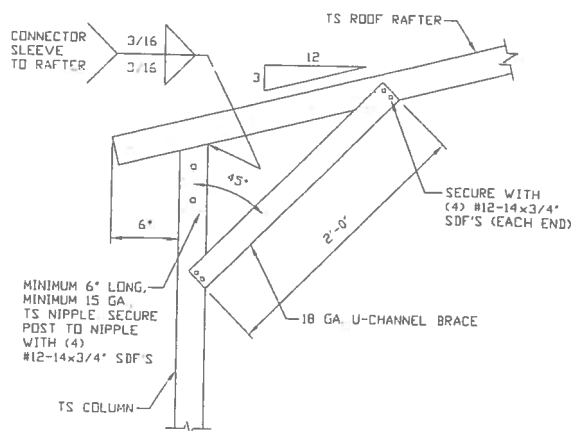
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16022S/17300S

REV: 4



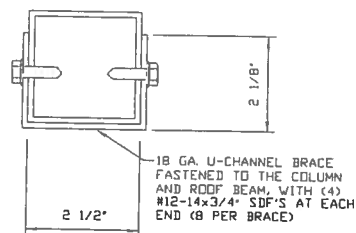
**BOX EAVE RAFTER COLUMN
CONNECTION DETAIL
FOR HEIGHTS 10'-0" < TO ≤ 14'-0"**
SCALE: NTS

1A

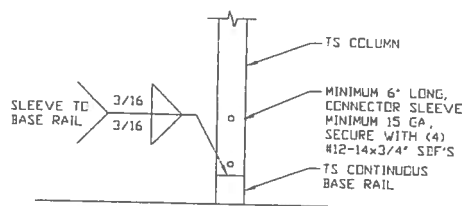


**BOX EAVE RAFTER COLUMN
CONNECTION DETAIL
FOR HEIGHTS ≤ 10'-0"**
SCALE: NTS

1B

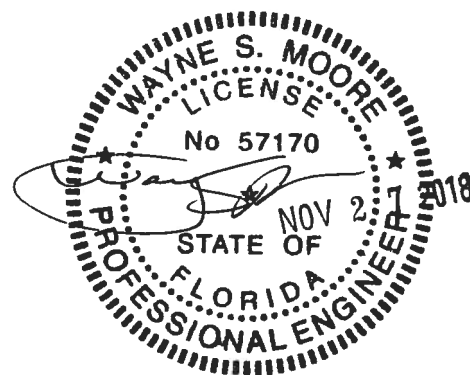


BRACE SECTION
SCALE: NTS



**RAFTER COLUMN/BASE RAIL
CONNECTION DETAIL**
SCALE: NTS

2



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TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B

DATE: 12-18-17

SCALE: NTS

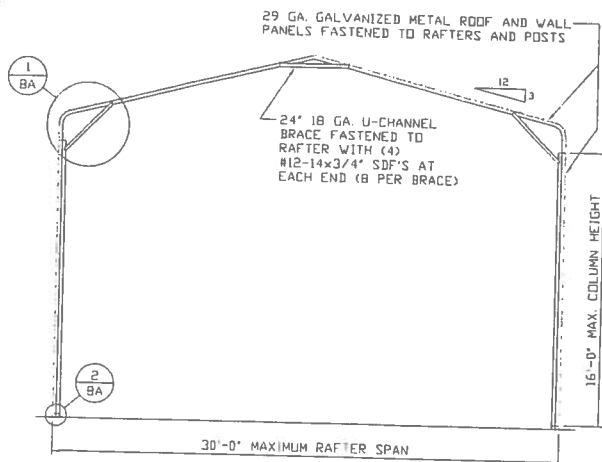
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16022S/17300S

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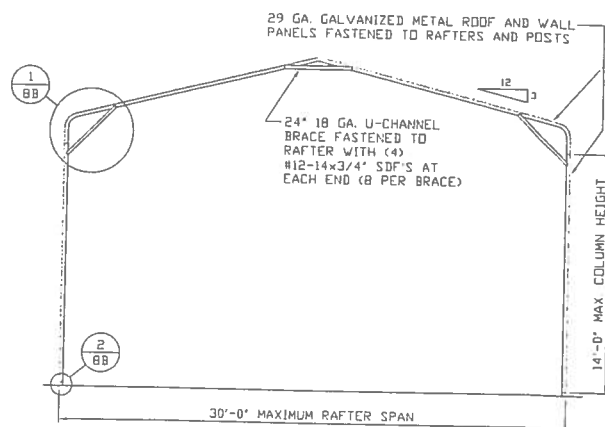
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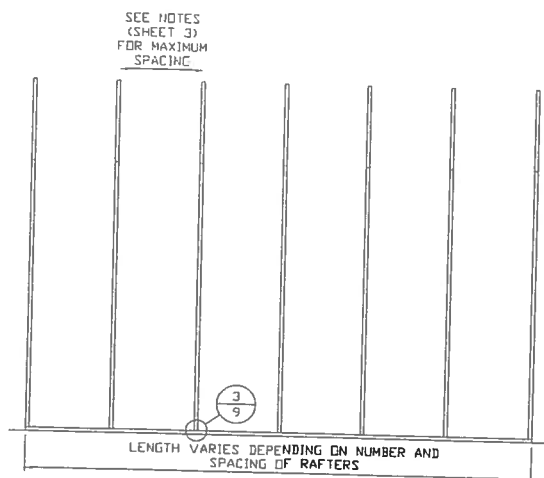
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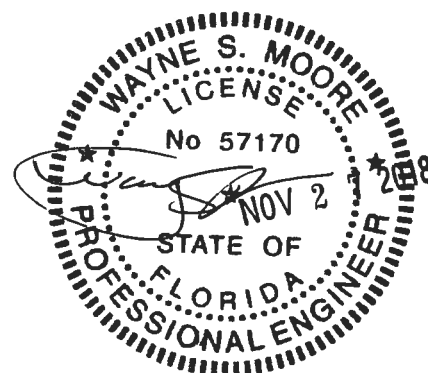
TYPICAL RAFTER/COLUMN END FRAME SECTION
SCALE: NTS



TYPICAL RAFTER/COLUMN END FRAME SECTION
SCALE: NTS



TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION
SCALE: NTS



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TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B

DATE: 12-18-17

SHT. 7

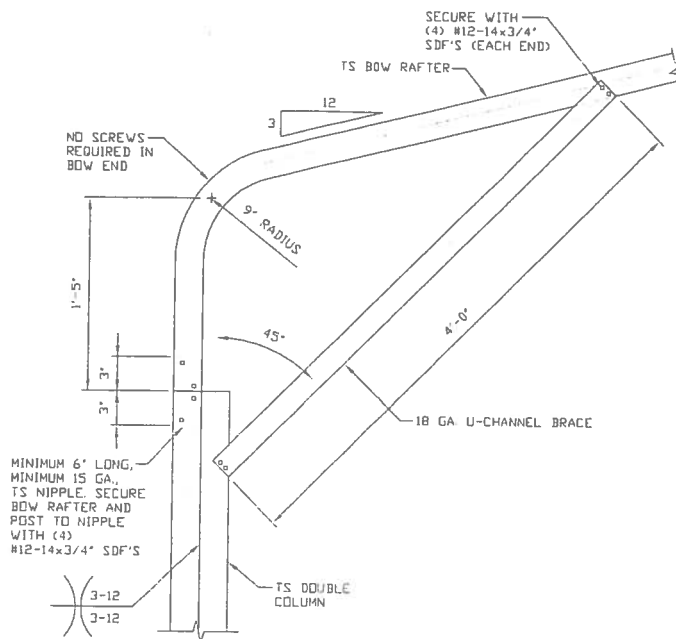
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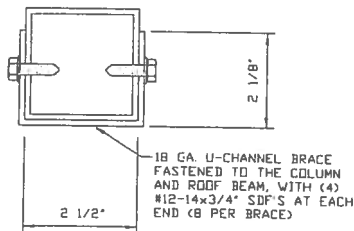
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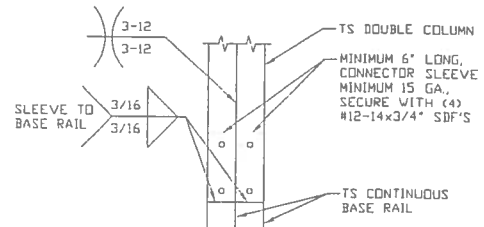
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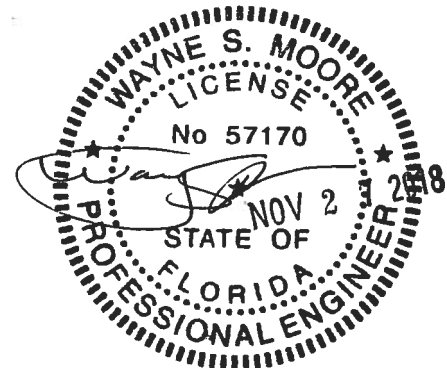
**BOX EAVE RAFTER COLUMN
CONNECTION DETAIL
FOR HEIGHTS 14'-0" < TO < 16'-0"**
SCALE: NTS



BRACE SECTION
SCALE: NTS



**2 RAFTER COLUMN/BASE RAIL
CONNECTION DETAIL**
SCALE: NTS



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CLIENT: TBS

**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

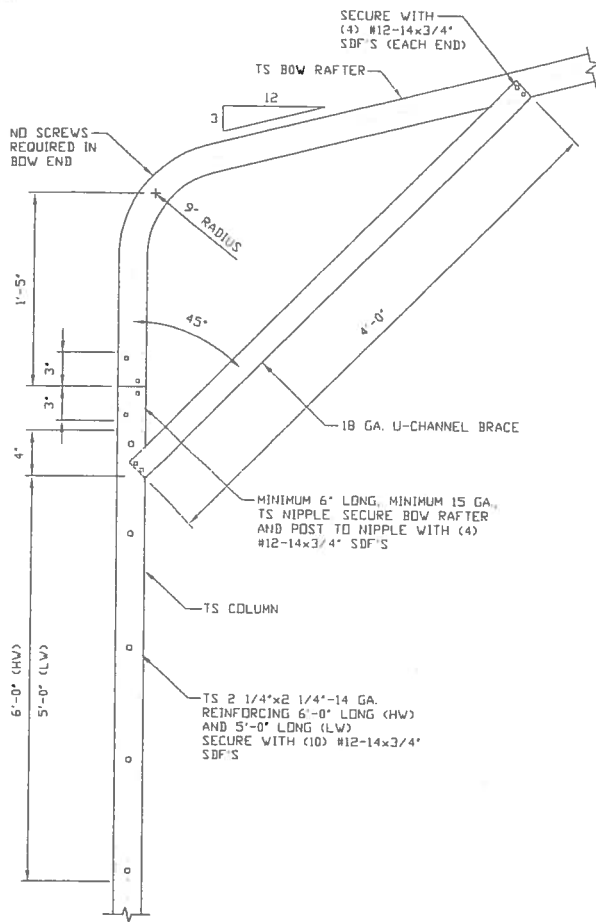
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DWG. NO: SK-3

**JOB NO:
16022S/17300S**

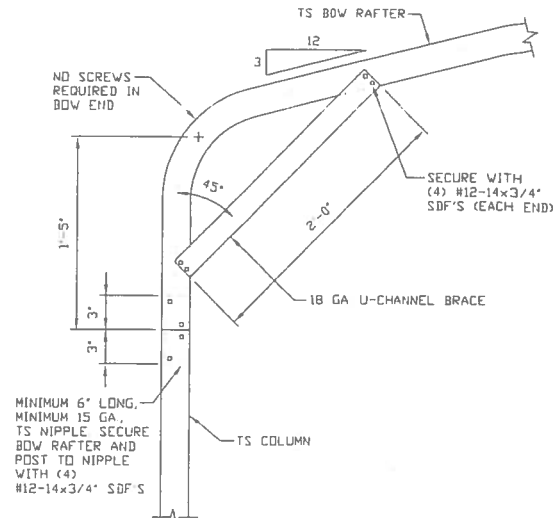
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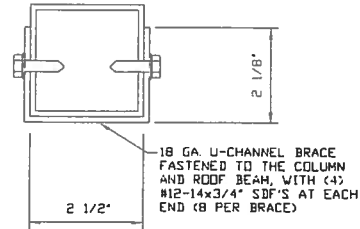
**BOX EAVE RAFTER COLUMN
CONNECTION DETAIL
FOR HEIGHTS 10'-0" < TO ≤ 14'-0"**
SCALE: NTS

1A

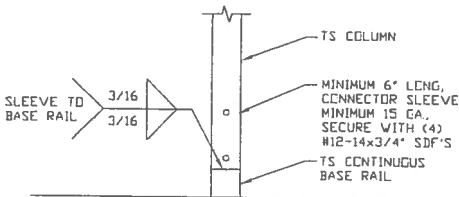


**BOX EAVE RAFTER COLUMN
CONNECTION DETAIL
FOR HEIGHTS ≤ 10'-0"**
SCALE: NTS

1B

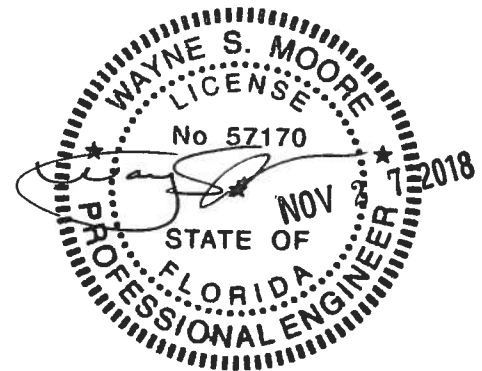


BRACE SECTION
SCALE: NTS



**RAFTER COLUMN/BASE RAIL
CONNECTION DETAIL**
SCALE: NTS

2



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**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

DWG. NO: SK-3

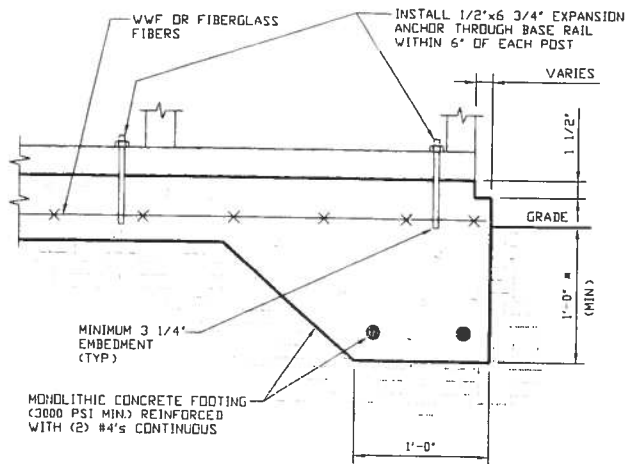
**JOB NO:
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SHT. 8B

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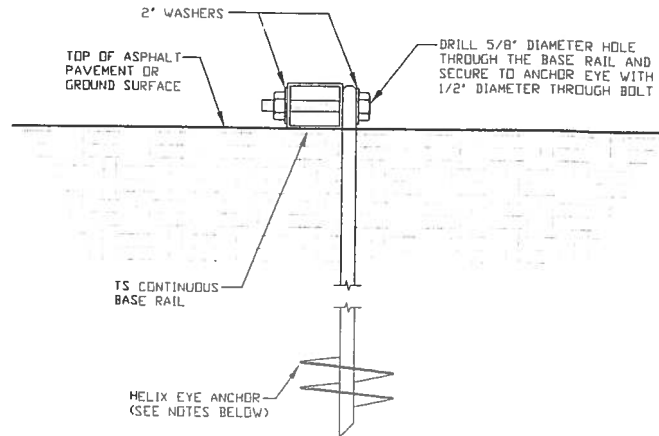
BASE RAIL ANCHORAGE OPTIONS FOR LOW AND HIGH WIND SPEED



3A

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

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



3B

GROUND BASE HELIX ANCHORAGE

SCALE: NTS (CAN BE USED FOR ASPHALT)

GENERAL NOTES

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 INCHES 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 INCHES ELSEWHERE.

REINFORCING STEEL:

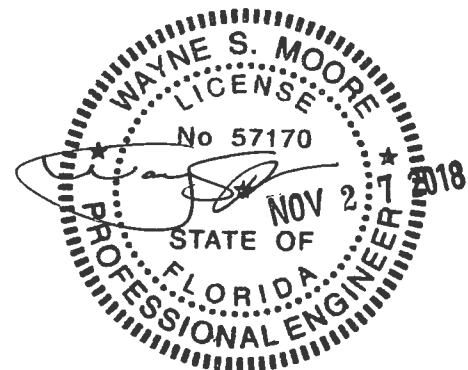
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

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 INCH EMBEDMENT.
2. FOR CORAL USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT.
3. FOR MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT.
4. FOR LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL USE MINIMUM (2) 6" HELICES WITH MINIMUM 50 INCH EMBEDMENT.
5. FOR VERY LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL USE MINIMUM (2) 8" HELICES WITH MINIMUM 60 INCH EMBEDMENT.



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**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

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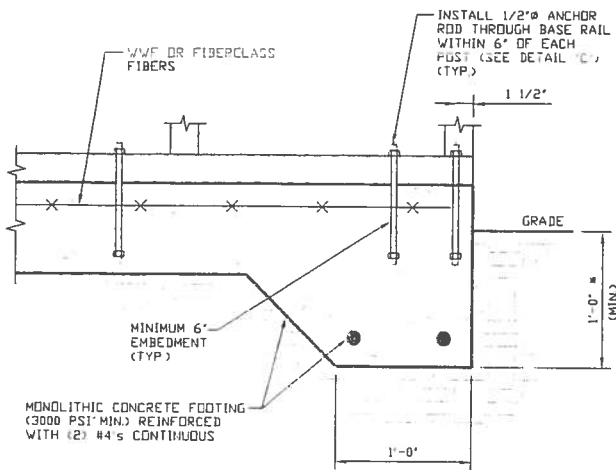
**JOB NO:
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SHT. 9A

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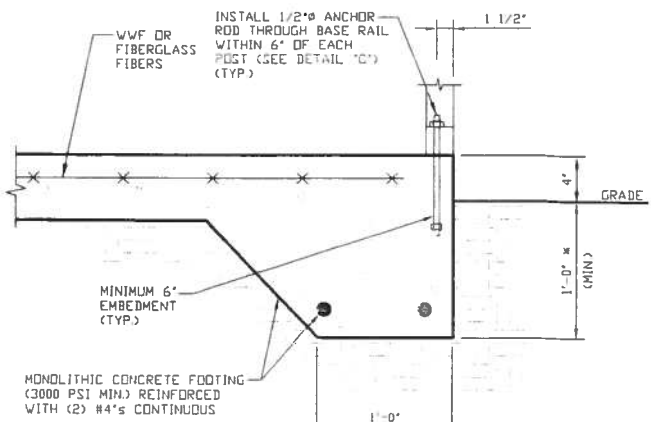
OPTIONAL FOUNDATION ANCHORAGE FOR LOW & HIGH WIND SPEED



1A

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

SCALE: NTS
(MINIMUM ANCHOR EDGE DISTANCE IS 1 1/2")
* COORDINATE WITH LOCAL CODES/ORD.



1B

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

SCALE: NTS
(MINIMUM ANCHOR EDGE DISTANCE IS 1 1/2")
* COORDINATE WITH LOCAL CODES/ORD.

GENERAL NOTES

CONCRETE:

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

COVER OVER REINFORCING STEEL:

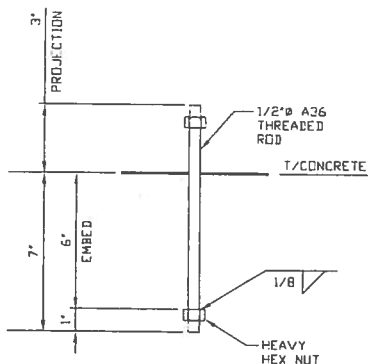
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318:
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2 INCHES ELSEWHERE.

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:

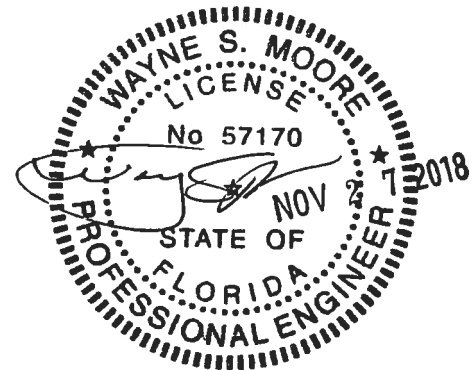
1. REINFORCEMENT IS BENT COLD.
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS.
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.



1C

ANCHOR ROD THROUGH BASE RAIL DETAIL

SCALE: NTS



MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING, INC.

DRAWN BY: LT

CHECKED BY: PDH

PROJECT MGR: WSH

CLIENT: TBS

TUBULAR BUILDING SYSTEMS
30'-0"X20'-0" ENCLOSED BUILDING EXP. B

DATE: 12-18-17

SCALE: NTS

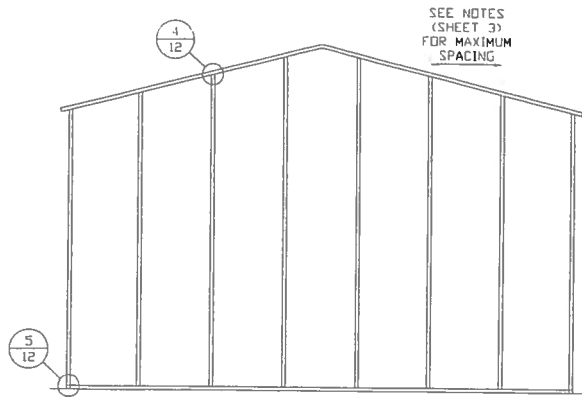
DWG. NO: SK-3

JOB NO:
160225/173005

REV: 4

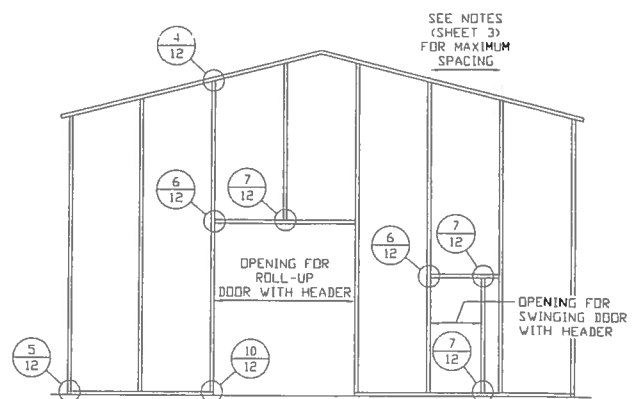
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BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



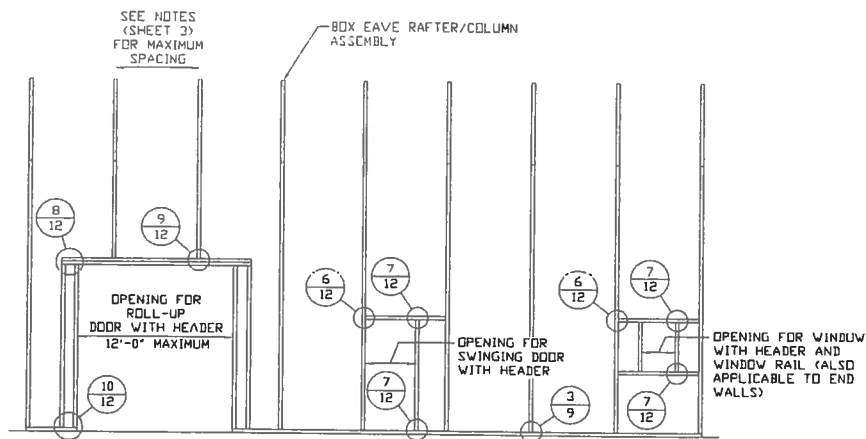
**TYPICAL BOX EAVE RAFTER
END WALL FRAMING SECTION**

SCALE: NTS



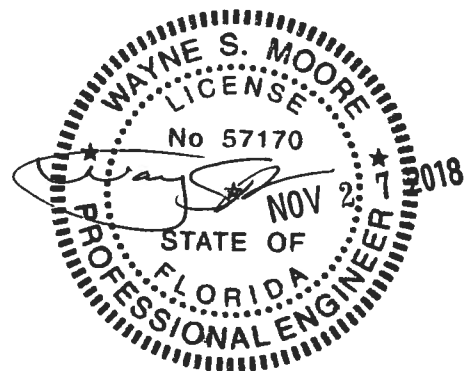
**TYPICAL BOX EAVE RAFTER END
WALL OPENINGS FRAMING SECTION**

SCALE: NTS



**TYPICAL BOX EAVE RAFTER SIDE
WALL OPENINGS FRAMING SECTION**

SCALE: NTS



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

DRAWN BY: LT

CHECKED BY: PDH

PROJECT MGR: VSM

CLIENT: TBS

TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B

DATE: 12-18-17

SCALE: NTS

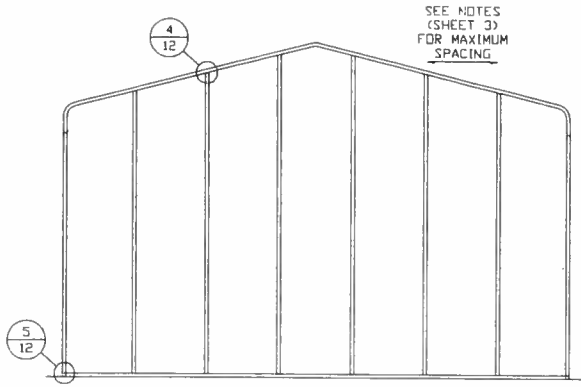
DWG. NO: SK-3

JOB NO:
16022S/17300S

REV: 4

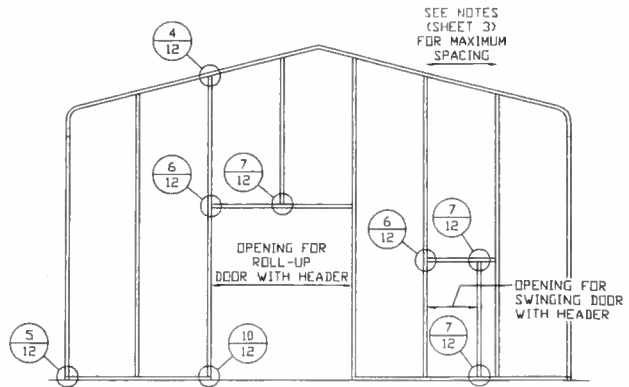
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BOW RAFTER END WALL AND SIDE WALL OPENINGS



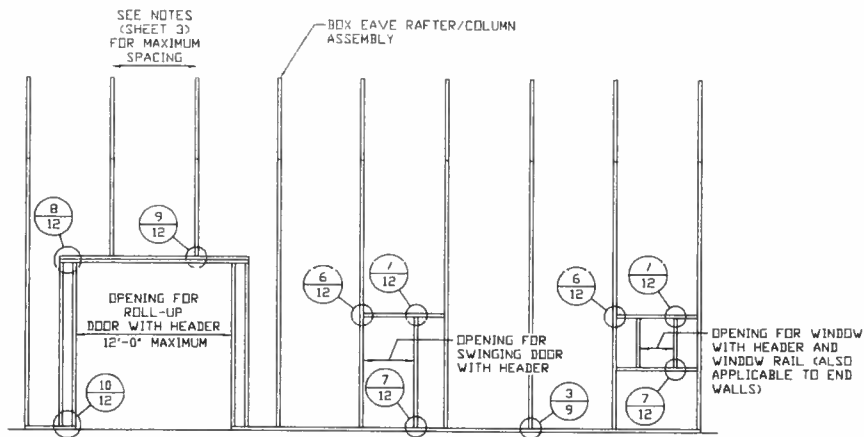
**TYPICAL BOX EAVE RAFTER
END WALL FRAMING SECTION**

SCALE: NTS



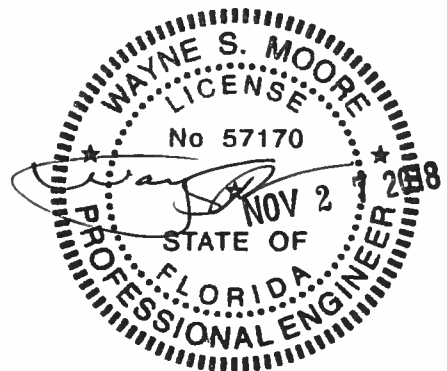
**TYPICAL BOX EAVE RAFTER END
WALL OPENINGS FRAMING SECTION**

SCALE: NTS



**TYPICAL BOX EAVE RAFTER SIDE
WALL OPENINGS FRAMING SECTION**

SCALE: NTS



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

DRAWN BY: LT

CHECKED BY: PDH

PROJECT MGR: WSM

CLIENT: TBS

**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

DWG. NO: SK-3

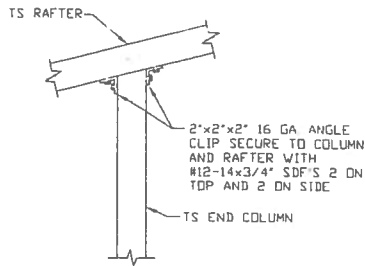
**JOB NO:
16022S/17300S**

SHT. 11

REV: 4

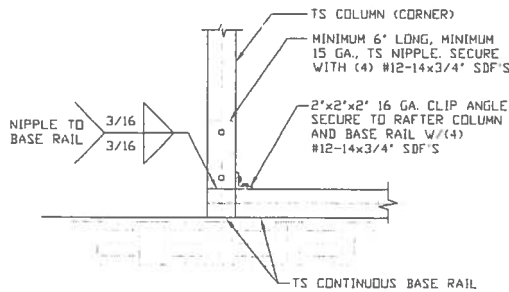
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BOW AND BOX EAVE RAFTER WALL OPENING DETAILS



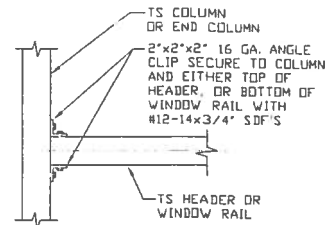
4 END COLUMN/RAFTER CONNECTION DETAIL

SCALE: NTS



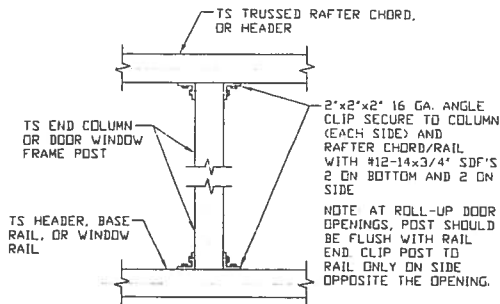
5 END COLUMN/BASE RAIL CONNECTION DETAIL

SCALE: NTS



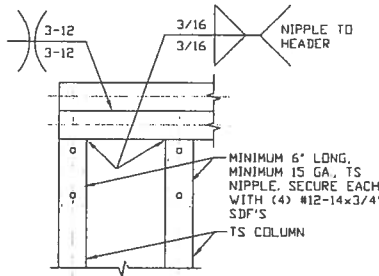
6 HEADER OR WINDOW RAIL TO COLUMN CONNECTION DETAIL

SCALE: NTS



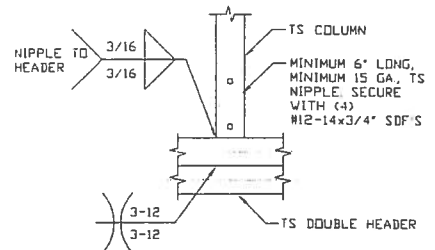
7 COLUMN TO HEADER, BASE RAIL, OR WINDOW RAIL CONNECTION DETAIL

SCALE: NTS



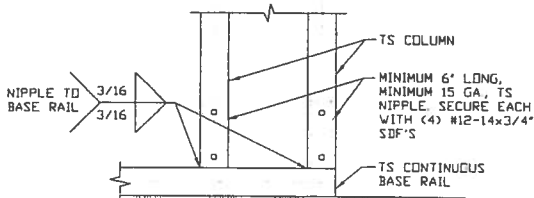
8 DOUBLE HEADER/COLUMN CONNECTION DETAIL

SCALE: NTS



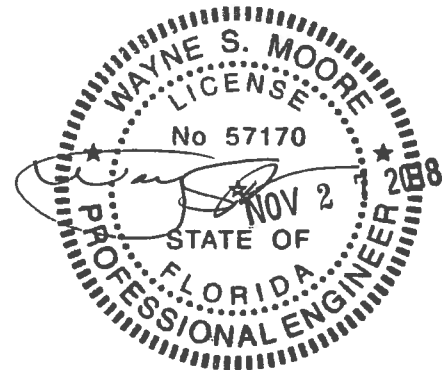
9 COLUMN/DOUBLE HEADER CONNECTION DETAIL

SCALE: NTS



10 COLUMN/BASE RAIL CONNECTION DETAIL

SCALE: NTS



MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING, INC.

DRAWN BY: LT

CHECKED BY: PDM

PROJECT MGR: WSM

CLIENT: TBS

TUBULAR BUILDING SYSTEMS
30'-0"X20'-0" ENCLOSED BUILDING EXP. B

DATE: 12-18-17

SCALE: NTS

DWG. NO: SK-3

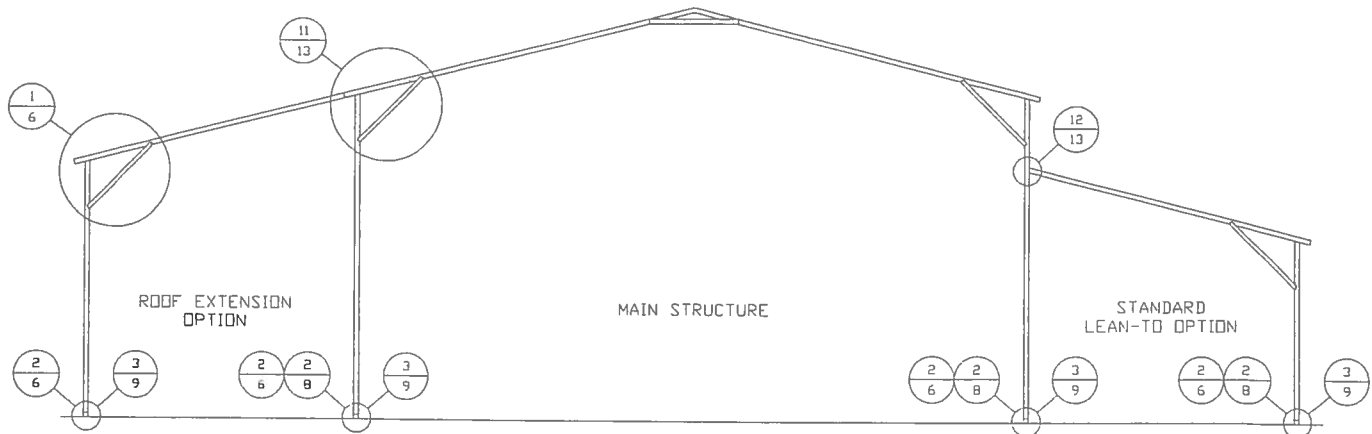
JOB NO:
16022S/17300S

SHT. 12

REV: 4

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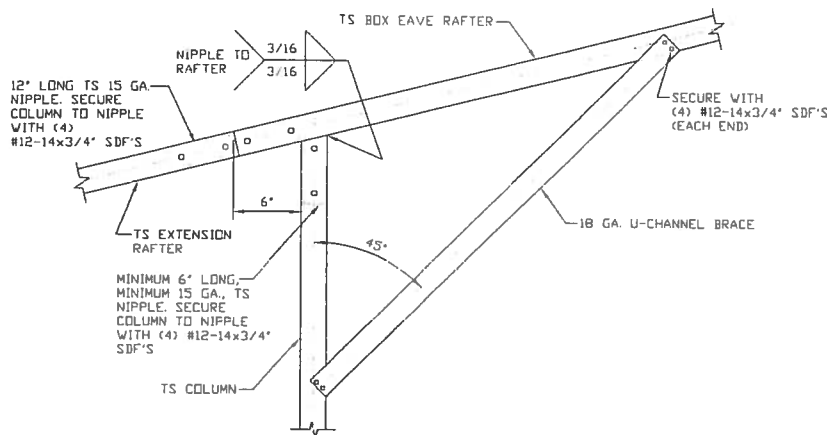
BOX EAVE RAFTER LEAN-TO OPTIONS



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

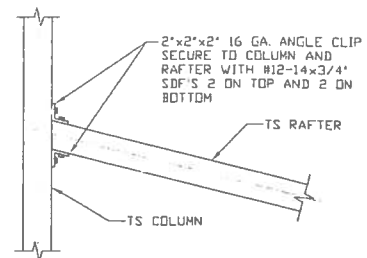
SCALE: NTS

MAXIMUM WIDTH OF SINGLE MEMBER RAFTER LEAN-TO IS 16'-0".



11A SIDE EXTENSION RAFTER/COLUMN DETAIL

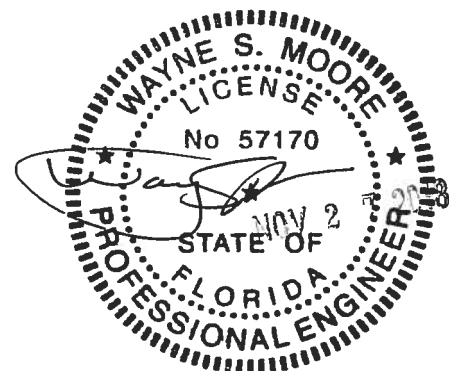
SCALE: NTS



12

LEAN-TO RAFTER TO RAFTER COLUMN CONNECTION DETAIL

SCALE: NTS



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

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CHECKED BY: PDH

PROJECT MGR: WSM

CLIENT: TBS

**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

DWG. NO: SK-3

**JOB NO:
16022S/17300S**

REV: 4

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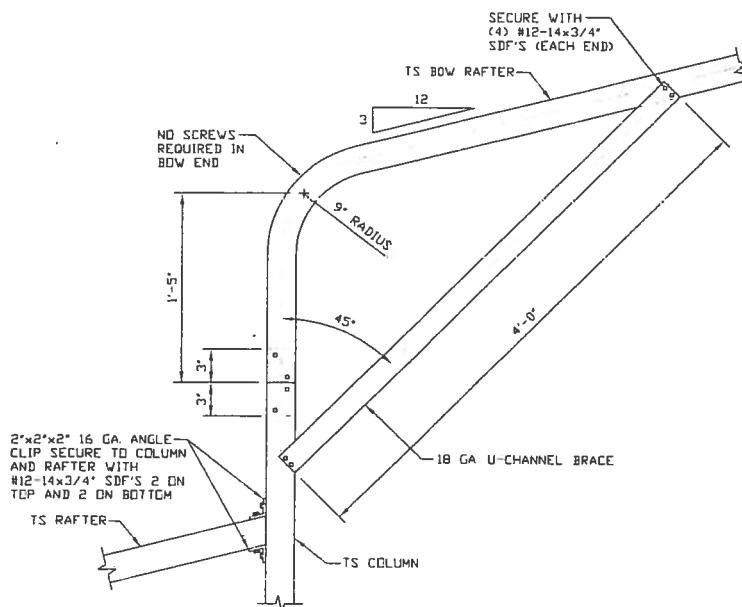
The diagram illustrates a building structure with a gabled roof. On the left, a smaller section is labeled "STANDARD LEAN-TO OPTION", and the larger section on the right is labeled "MAIN STRUCTURE".

Key structural details and dimensions are indicated by circular callouts:

- Lean-to roof slope:** Indicated by a circle containing $\frac{1}{8}$.
- Roof ridge connection:** Indicated by a circle containing $\frac{13}{14}$.
- Base connections (Left side):**
 - At the far left base: $\frac{2}{6}$ and $\frac{3}{9}$.
 - At the junction of the lean-to and main structure: $\frac{2}{5}$ and $\frac{2}{8}$.
 - At the main structure base: $\frac{3}{9}$.
- Base connections (Right side):**
 - At the junction of the lean-to and main structure: $\frac{2}{6}$ and $\frac{2}{8}$.
 - At the far right base: $\frac{3}{9}$.

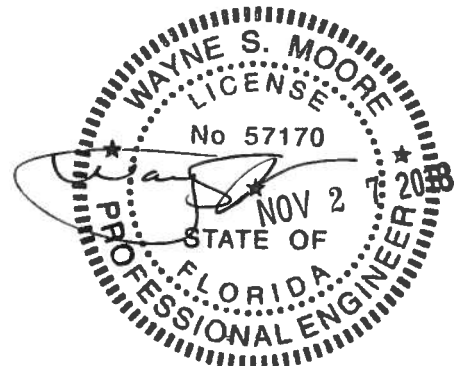
SCALE: NTS

MAXIMUM WIDTH OF SINGLE MEMBER RAFTER LEAN-TO IS 16'-0".



SIDE EXTENSION RAFTER/COLUMN DETAIL

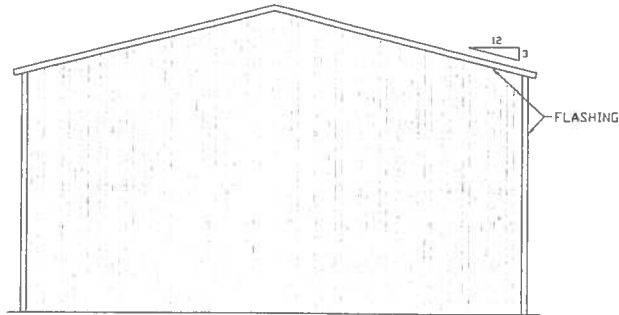
SCALE NTS



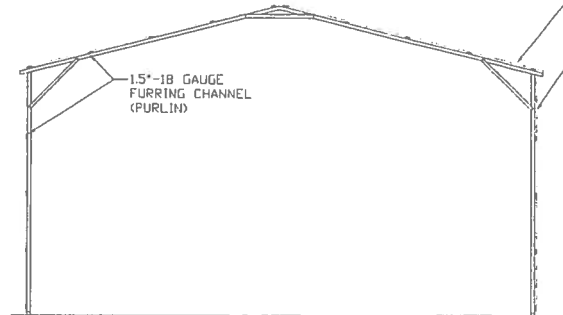
REV: 4

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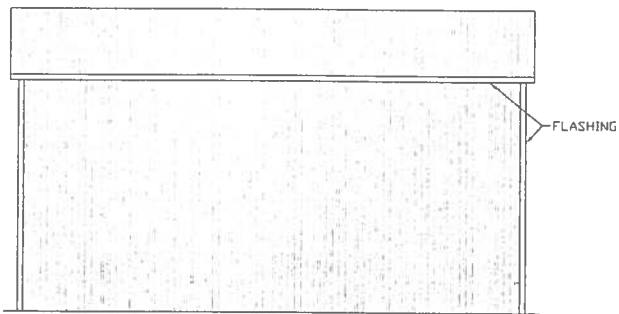
BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



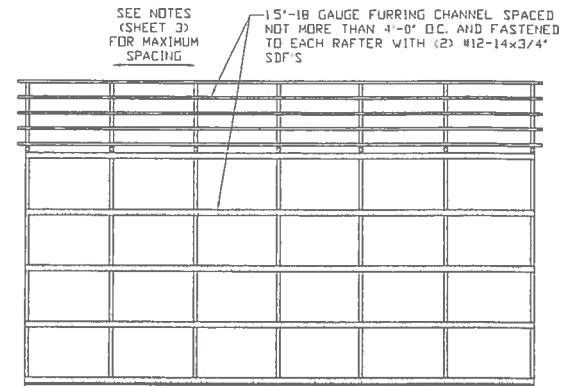
**TYPICAL END ELEVATION
VERTICAL ROOF/SIDING OPTION**
SCALE: NTS



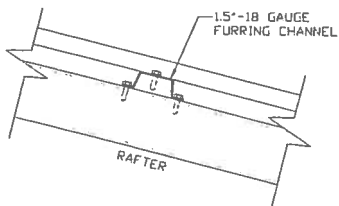
**TYPICAL SECTION VERTICAL
ROOF/SIDING OPTION**
SCALE: NTS



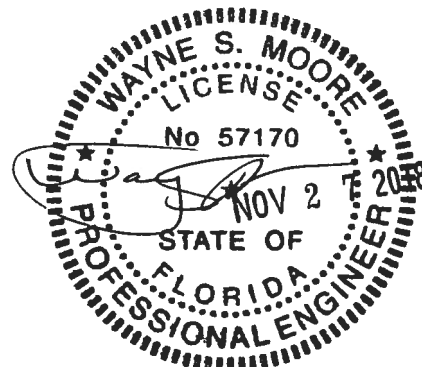
**TYPICAL SIDE ELEVATION
VERTICAL ROOF/SIDING OPTION**
SCALE: NTS



**TYPICAL FRAMING SECTION
VERTICAL ROOF/SIDING OPTION**
SCALE: NTS



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



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

DRAWN BY: LT

CHECKED BY: PDH

PROJECT MGR: VSM

CLIENT: TBS

**TUBULAR BUILDING SYSTEMS
30'-0" x 20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

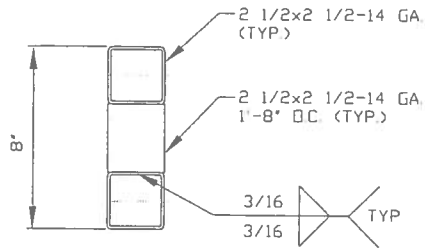
DWG. NO: SK-3

**JOB NO:
16022S/17300S**

REV: 4

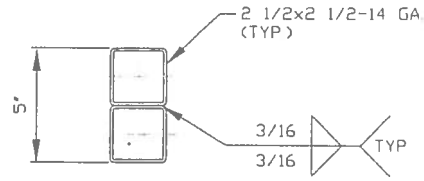
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OPTIONAL DOOR HEADER



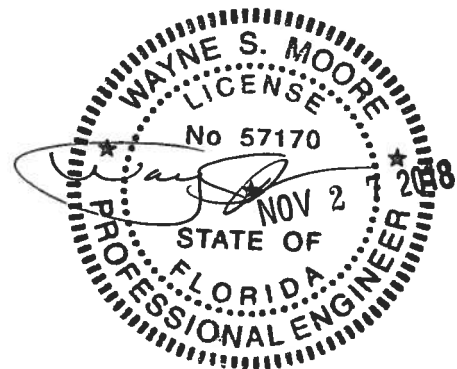
**HEADER DETAIL FOR DOOR
OPENINGS 12'-0" < LENGTH ≤ 15'-0"**

SCALE: NTS



**HEADER DETAIL FOR DOOR
OPENINGS LENGTH ≤ 12'-0"**

SCALE: NTS



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

DRAWN BY: LT

CHECKED BY: PDH

PROJECT MGR: VSM

CLIENT: TBS

**TUBULAR BUILDING SYSTEMS
30'-0"x20'-0" ENCLOSED BUILDING EXP. B**

DATE: 12-18-17

SCALE: NTS

DWG. NO: SK-3

**JOB NO:
16022S/17300S**

REV: 4

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Florida Product Approval Codes

Roll-Up Doors:

Janus International Corporation Model 3652: 14425.1	EXP 12/31/19
Janus International Corporation Model 3100: 12765.3	EXP 12/31/19
Janus International Corporation Model 3100: 12765.4	EXP 12/31/19
Janus International Corporation Model 1100: 21450.2	EXP 12/31/19
Janus International Corporation Model 3100: 21450.4	EXP 12/31/19
Janus International Corporation Model 750: 21450.5	EXP 12/31/19
Janus International Corporation Model 750: 21450.6	EXP 12/31/19
* Janus International Corporation Model 750: 21450.8	EXP 12/31/19

Walk-In Door:

* Elixir Door & Metal Company blank (no window): 17996.5	EXP 9/14/20
Elixir Door & Metal Company with 12x12 window: 17996.5	EXP 9/14/20
Elixir Door & Metal Company regular door w/ 9 light window: 17996.6	EXP 9/14/20

Window:

* Kinro 993.7	EXP 10/19/21
---------------	--------------

Roof Deck:

* Capital Metal Supply Inc. Ag Panel: 20147.1	EXP 07/20/20
---	--------------

Wall Panel:

* Capital Metal Supply Inc. Ag Panel: 20148.1	EXP 07/20/20
---	--------------

If you have any questions or concern, please contact Donald Little at 386-961-0006 or at tubularbuildingsystems@gmail.com.

Outside measurement of foundation
Equals Basic Building Dimension
plus Seven (7) inches

40' 7"

Outside edge of foundation / footing

40'
Basic Building
Dimension
to outside of Base Rail

Basic Building
Dimension
to outside of Base Rail

30'

Outside measurement of foundation
Equals Basic Building Dimension
plus Seven (7) inches

30' 7"

BUILDING SLAB

See Corner
Detail Sheet 3

Building
Base Rail

3-1/2" wide x 1-1/2" high Notch
in Concrete outside
of basic building
dimensions

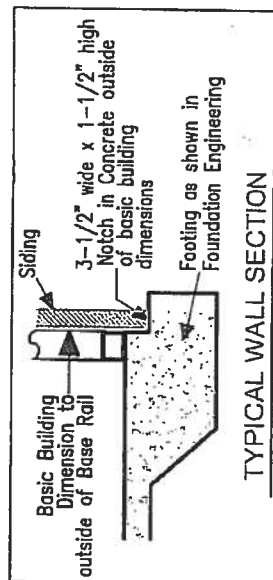
IMPORTANT - NOTES



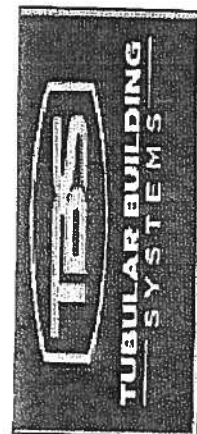
Record Measurements
in these spaces provided

All basic building dimensions
are to the outside of the
frame Base Rail and DO NOT
INCLUDE the 3-1/2" x 1-1/2"
notch in the concrete footing

See Sheet 3 of 3
for Detail of Building
corner configuration



TYPICAL BUILDING FOUNDATION MEASUREMENTS



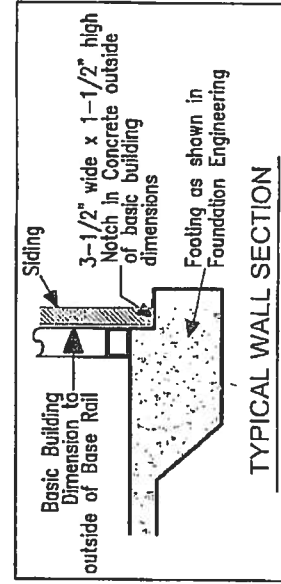
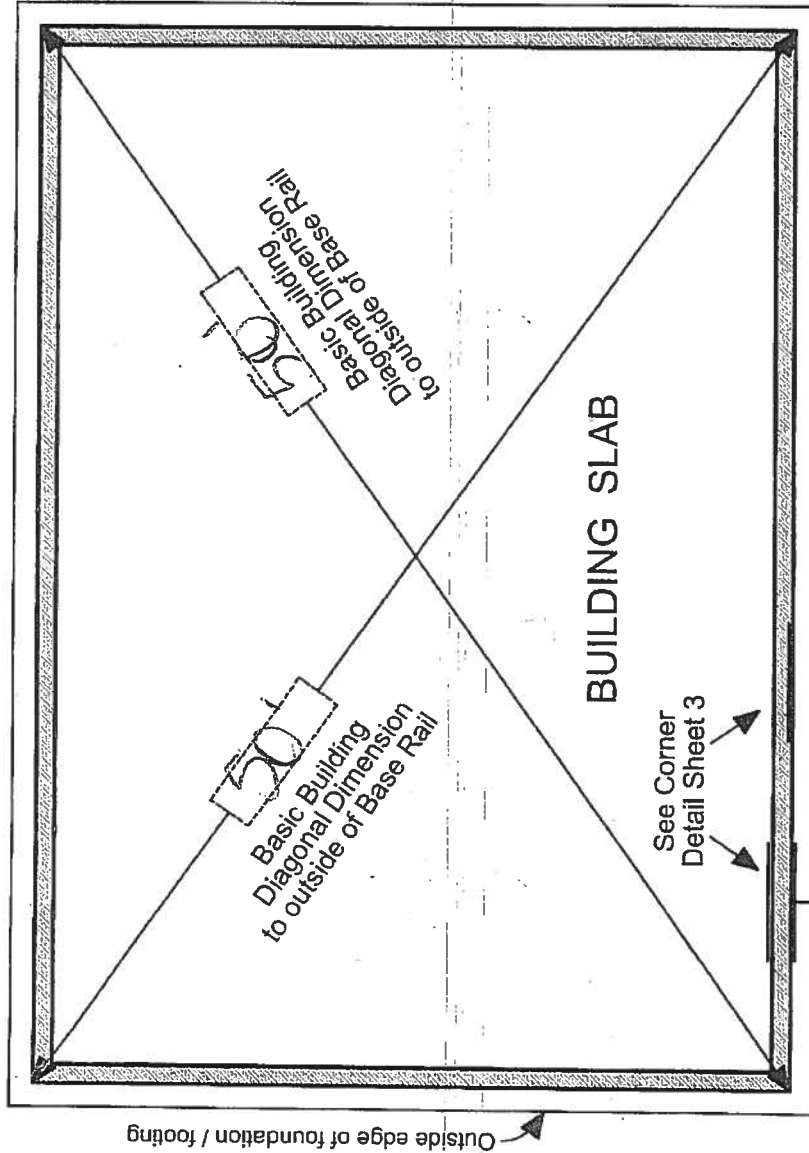
IMPORTANT - NOTES



Record Measurements
in these spaces provided

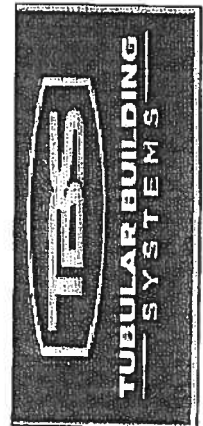
All basic building diagonal dimensions
are to the outside corner of the
frame Base Rail and DO NOT
INCLUDE the 3-1/2" x 1-1/2"
notch in the concrete footing

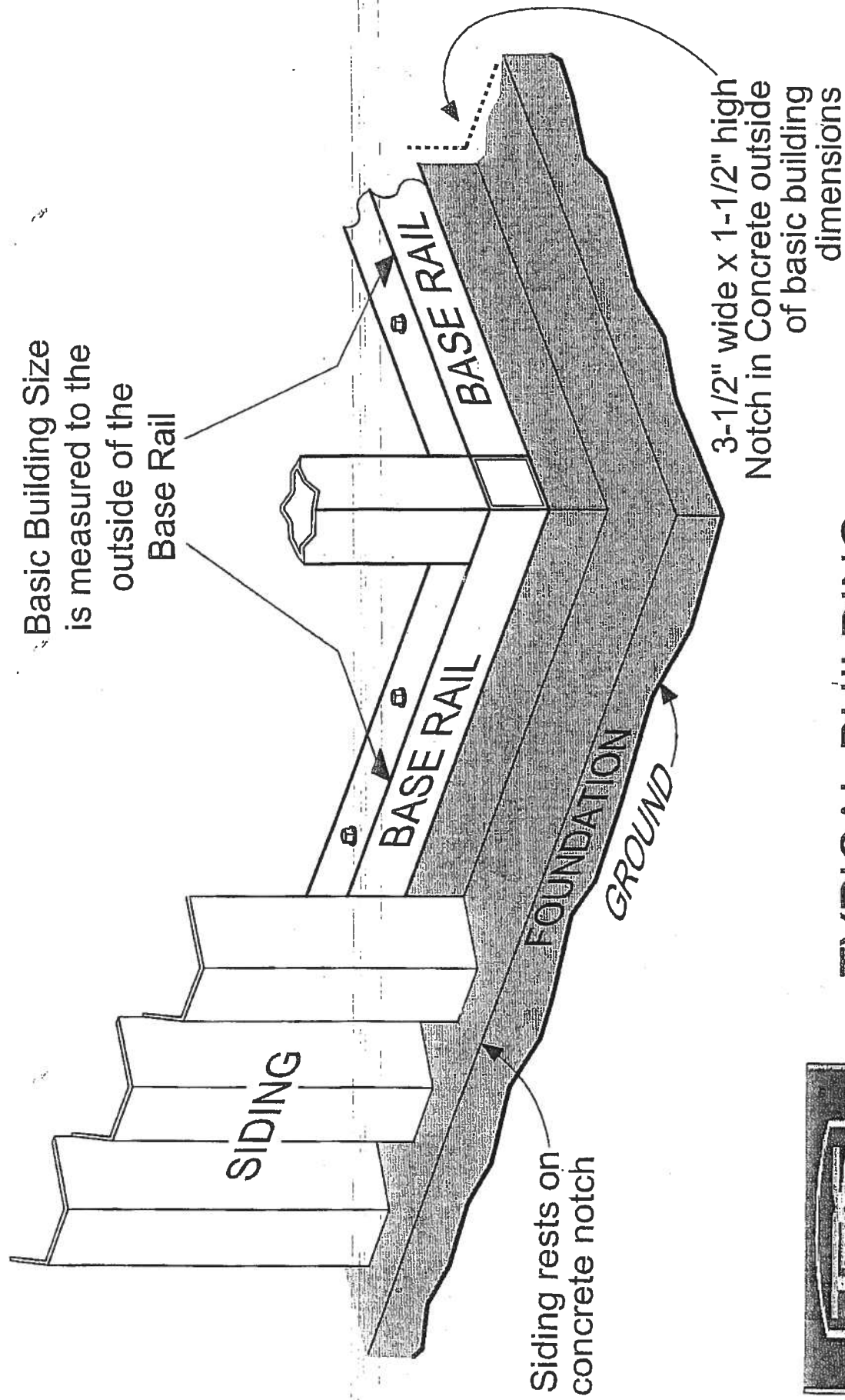
See Sheet 3 of 3
for Detail of Building
corner configuration



TYPICAL BUILDING

FOUNDATION MEASUREMENTS DIAGONALS





TYPICAL BUILDING

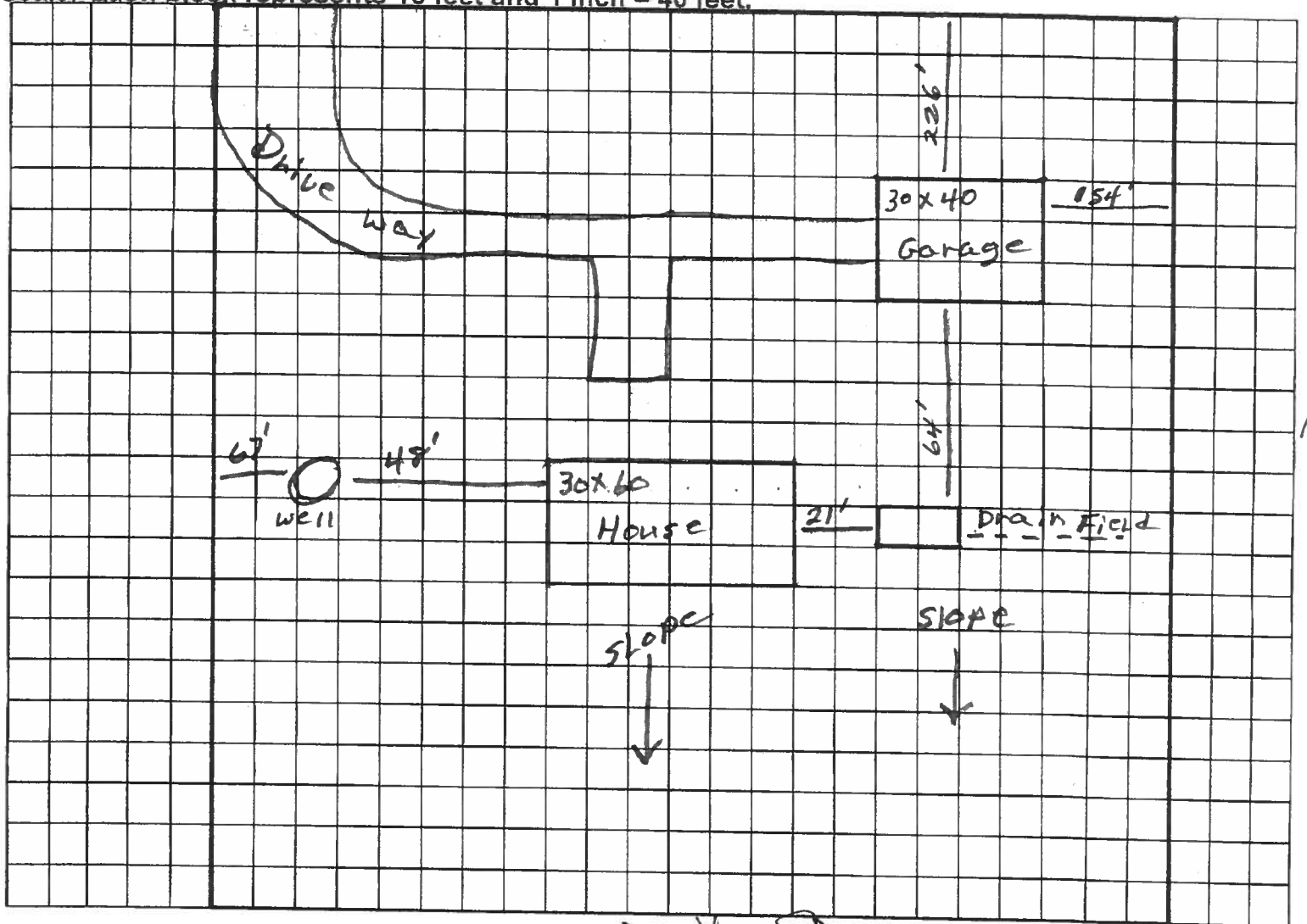
CORNER DETAIL

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 19-2344

----- PART II - SITEPLAN -----

Scale: Each block represents 10 feet and 1 inch = 40 feet.



Notes: E * See Attached *

Site Plan submitted by: Betty Bowler TITLE Owner DATE: 4/25/19
Plan Approved [Signature] Not Approved _____ Date 5/2/19
By [Signature] ESI Columbina County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 19-2344
DATE PAID: 4/26/19
FEE PAID: 60.00
RECEIPT #: 1410915

APPLICATION FOR:

☐ New System ☒ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Bobby Bowles

AGENT: NONE TELEPHONE: 606-875-4402

MAILING ADDRESS: 525 SW Birley AVE. Lake City FL 32024

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: _____ BLOCK: _____ SUBDIVISION: _____ PLATTED: _____

PROPERTY ID #: 32-35-16-02420-00 ZONING: Residential M OR EQUIVALENT: ☐ Y ☒ N

PROPERTY SIZE: 10 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤ 2000 GPD ☐ > 2000 GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☐ Y ☐ N DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: 525 SW Birley AVE. Lake City FL 32024

DIRECTIONS TO PROPERTY: 90 West to Birley AVE. ON The Left
3.5 miles From IH 75

BUILDING INFORMATION ☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>Garage</u>	<u>0</u>	<u>1200</u>	<u>metal / concrete slab</u>
2				
3				
4				

☐ Floor/Equipment Drains ☐ Other (Specify) _____

SIGNATURE: Bobby Bowles DATE: 4-25-2019

392.62 FT.

N
EASEMENT

30 FT.
EGRESS

19-0344

30'

30'

Drive way

269.9'

279.6'

226'

Parcel # 32-35-16-02420-007

SLOPE

SLOPE

SLOPE

N →

S

1139.22 FT.

1132.00 ...

12x14
Well
House

67.0'

113.0 FT.

132'

48'

95'

54'

30'x40'
Garage

154'

Garage

64'

218.4'

108.0 FT.

Power
Pole

30'x60'
Home

21'

SEPTIC
TANK

Drain Field

175'

SLOPE

SLOPE

SLOPE

Drive way

septic tank
drain field

well
water line
non potable

U.G. E.

EASEMENT
EGRESS

753'

897'

394.25 FT.

W