Columbia County New Building Permit Application \$172,75

For Office Use Only Application # 4466 Date Received 36 By MG Permit # 39494
Zoning Official LW / Date 3-12-20 Flood Zone X Land Use Aq Zoning A-3
FEMA Map # Elevation MFE River Plans Examiner 7.6 Date 3-17-70
Comments
PROCE Deed or RA Site Plan - State Road Info - Well letter - 911 Sheet - Parent Parcel #
Dev Permit # In Floodway Letter of Auth. from Contractor F W Comp. letter
Øwner Builder Disclosure Statement Land Owner Affidavit Ellisville Water App Fee Paid Sub VF Form
Septic Permit No. 20 -0 7 6 OR City Water Fax
Applicant (Who will sign/pickup the permit) L SHAron Molgan Phone 366) 752-4992
Address 120 Sw PATKET LANE LAKE City Fl 32024
Owners Name 1. Sharon morgan Phone 386) 752-4992
911 Address 120 Sw parker lane Lake City FI 32024
Contractors NamePhone
Address
Contractor Email Charles mmorgan a Comcast. net ***Include to get updates on this job.
Fee Simple Owner Name & Address
Bonding Co. Name & Address
Architect/Engineer Name & Address Whoma moore
Mortgage Lenders Name & Address 631 SE Fraustral Circle (ALC City F1 3702)
Circle the correct power company FL Power & Light Qay Elec. Suwannee Valley Elec. Duke Energy
Property ID Number 08-45-16-028 16-015 Estimated Construction Cost \$9,000 00
Subdivision Name BASWICK EAST Lot 3 Block Unit Phase
Driving Directions from a Major Road US 90 west to pine moved truy; West to
BARWICK Rd; Right on PARKER LAND, First mH on left At
Corner
Construction of metal garage Commercial OR Residential
Proposed Use/Occupancy Storage Number of Existing Dwellings on Property /
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 126 Side 165 Side 214' Rear 25'
Number of Stories Heated Floor Area Total Floor Area & GO Acreage
Zoning Applications applied for (Site & Development Plan, Special Exception, etc.)

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.

<u>TIME LIMITATIONS OF PERMITS:</u> 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.

<u>NOTICE TO OWNER:</u> 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.

Sharen Morgan Print Owners Name	Owners Signature	**Property owners <u>must</u> <u>before</u> any permit will	
Tint Owners Haine	Owners Signature		
**If this is an Owner Builder Permit A	Application then, ONLY the owner ca	an sign the building permit when i	t is issued.
CONTRACTORS AFFIDAVIT: By my written statement to the owner of this Building Permit including all a	fall the above written responsibil	lities in Columbia County for o	ovided this btaining
Contractor's Signature		r's License Number	
Contractor's Signature	Columbia Competen	cy Card Number	_
Affirmed under penalty of perjury to I	by the <u>Contractor</u> and subscribed be	efore me this day of	20 .
	Identification		
	SEAL:		
State of Florida Notary Signature (Fo	r the Contractor)		

Columbia County Property Appraiser

updated: 2/11/2020

2020 Working Values

Parcel: 08-4S-16-02816-015

Owner & Property Info

<< Next Lower Parcel Next Higher Parcel >>

Tax Collector Tax Estimator Property Card

Parcel List Generator

2019 TRIM (pdf)

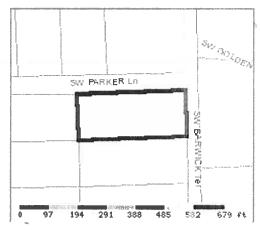
Interactive GIS Map

Search Result: 1 of 18

Next >>

Owner's Name	MORGAN CHARLES M & SH	MORGAN CHARLES M & SHARON L &			
Mailing Address	ADAM SHAYNE MORGAN 120 SW PARKER LANE LAKE CITY, FL 32055				
Site Address	120 SW PARKER LN				
Use Desc. (code)	MOBILE HOM (000200)				
Tax District	3 (County)	Neighborhood	8416		
Land Area	1.280 ACRES	Market Area	01		
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction				

S 153.40 FT OF N 557.40 FT OF E 399.70 FT OF NW1/4 OF SW1/4, EX RD R/W (AKA LOT 3 BARWICK EAST S/D UNREC) ORB 397-288,



Property & Assessment Values

Mkt Land Value	cnt: (0)	\$16,448.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (1)	\$15,933.00
XFOB Value	cnt: (3)	\$500.00
Total Appraised Value		\$32,881.00
Just Value		\$32,881.00
Class Value		\$0.00
Assessed Value		\$28,774.00
Exempt Value	(code: HX H3)	\$25,000.00
Total Taxable Value		Cnty: \$3,774
Total Taxable Value	Other: \$3.	774 Schl: \$3,774

2020 Working Values		
Mkt Land Value	cnt: (0)	\$16,448.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (1)	\$16,717.00
XFOB Value	cnt: (3)	\$500.00
Total Appraised Value		\$33,665.00
Just Value		\$33,665.00
Class Value		\$0.00
Assessed Value		\$29,436.00
Exempt Value	(code: HX H3)	\$25,000.00
Total Taxable Value	Other: \$4,4	Cnty: \$4,436 136 Schl: \$4,436

NOTE: 2020 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value	
1	MOBILE HME (000800)	1987	(31)	1568	1568	\$16,717.00	
Note: All S.F. calculations are based on exterior building dimensions.							

Extra Features & Out Buildings

Code	Desc	Year Bit	Value	Units	Dims	Condition (% Good)
0120	CLFENCE 4	1994	\$200.00	0000001.000	0 x 0 x 0	(00.00)
0296	SHED METAL	1994	\$200.00	0000001.000	0 × 0 × 0	(00 .00)
0294	SHED WOOD/	2006	\$100.00	0000001.000	0 x 0 x 0	(00 0.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000102	SFR/MH (MKT)	1.28 AC	1.00/1.00/1.00/1.00	\$10,311.55	\$13,198.00
009945	WELL/SEPT (MKT)	1 UT - (0000000.000AC)	1.00/1.00/1.00/1.00	\$3,250.00	\$3,250.00

Columbia County Property Appraiser

updated: 2/11/2020



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

Florida Statutes Chapter 489.103:

- 1. 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.
- 2. 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.
- 3. 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 in Florida and to list his or her license numbers on permits and contracts.
- 4. I understand that I may build or improve a one-family or two-family residence or a 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, unless I am completing the requirements of a building permit where the contractor listed on the permit substantially completed the project. 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.
- 5. I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.
- 6. 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.

Revision Date: 8/15/2019

- 7. I understand that it is a 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.
- 8. 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.
- 9. 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.
- 10. 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 http://www.myfloridalicense.com/ for more information about licensed contractors.
- 11. 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:

(Write in the address of jobsite property)

Revision Date: 8/15/2019

12. 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 or 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.

Florida Statutes Chapter 489.503:

State law requires electrical contracting to be done by licensed electrical contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own electrical contractor even though you do not have a license. You may install electrical wiring for a farm outbuilding or a single-family or duplex residence. You may install electrical wiring in a commercial building the aggregate construction costs of which are under \$75,000. The home or building must be for your own use and occupancy. It may not be built for sale or lease, unless you are completing the requirements of a building permit where the contractor listed on the permit substantially completed the project. If you sell or lease more than one building you have wired yourself within 1 year after the construction is complete, the law will presume that you built it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person as your electrical contractor. Your construction shall be done according to building codes and zoning regulations. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances.

An owner of property completing the requirements of a building permit, where the contractor listed on the permit substantially completed the project as determined by the local permitting agency, for a one-family or two family residence, townhome, accessory structure of a one-family or two-family residence or townhome or individual residential condominium unit or cooperative unit. Prior to the owner qualifying for the exemption, the owner must receive approval from the local permitting agency, and the local permitting agency must determine that the contractor substantially completed the project. An owner who qualifies for the exemption under this paragraph is not required to occupy the dwelling or unit for at least 1 year after the completion of the project.

Revision Date: 8/15/2019

Before a building permit shall be issued, this notarized disclosure statement must be completed and signed by the property owner and returned to the local permitting agency responsible for issuing the permit.

TYPE OF CONSTRUCTION () Single Family Dwelling () Two-Family Residence () Farm Outbuilding () Addition, Alteration, Modification or other Improvement () Electrical NOther Metal GREAGE ZOXZI () Contractor substantially completed project, of a () Commercial, Cost of Construction for construction of
(Print Property Owners Name) statement for exemption from contractor licensing as an owner/builder. I agree to comply with permitted by Columbia County Building Permit.
Signature: Date: 03 - 04 - 2020 (Signature of property owner)
NOTARY OF OWNER BUILDER SIGNATURE The above signer is personally known to me or produced identification Notary Signature Date Date (Seal)
LAURIE HODSON MY COMMISSION # FF 978102

Revision Date: 8/15/2019

EXPIRES: July 14, 2020 Bonded Thru Notary Public Underwriters

44661



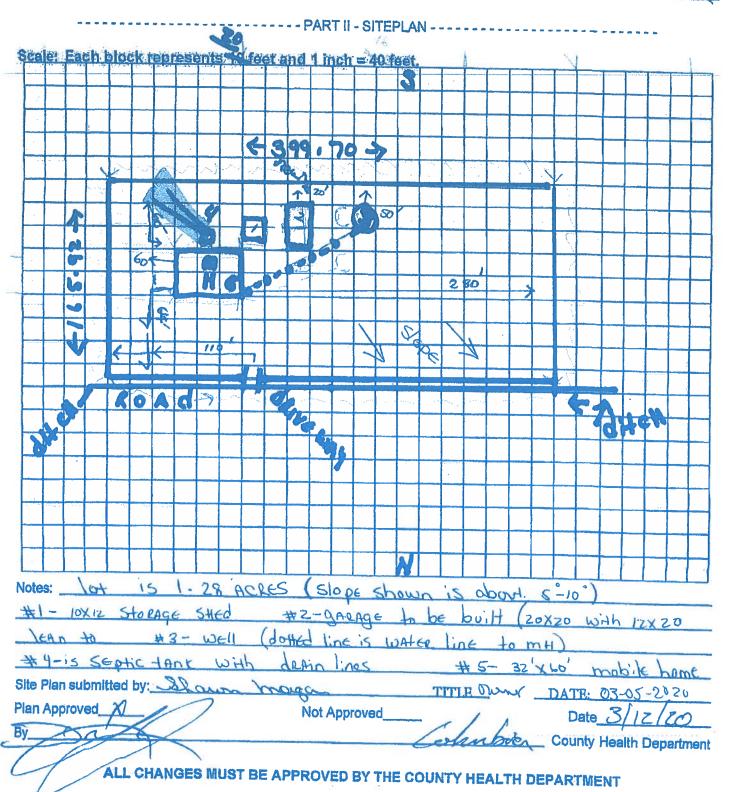
STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO	-	20-0176
DATE PAID:	3	3 3 85 WD W
RECEIPT #	2	1471749

APPLICATION FOR: [] New System [] Ex [] Repair [] Ab	isting System	[] Holding T	ank []]	Ennovative
APPLICANT: Shaeon m	pegan			MANAGE OF THE PROPERTY OF THE DEPTH OF A PROPERTY OF THE PROPE
AGENT:	100		TELEPHONE :	386) 752-4990
MAILING ADDRESS: 120 Su				
TO BE COMPLETED BY APPLICANT BY A PERSON LICENSED PURSUANT APPLICANT'S RESPONSIBILITY TO PLATTED (MM/DD/YY) IF REQUEST	' TO 489.105(3)(m) C PROVIDE DOCUMENTAT	OR 489.552, FLOR FION OF THE DATE	IDA STATUTES.	CREATED OR
PROPERTY INFORMATION				
LOT: 3 BLOCK: s	UBDIVISION: BRU	wick EAST	PL2	atted:
PROPERTY ID #: 08-45-16-	A A MILL ALL			
PROPERTY SIZE. 1.28 ACRES	WATER SUPPLY: [PRIVATE PUBLIC	[]<=2000GE	PD []>2000GPD
IS SEWER AVAILABLE AS PER 381	.0065, FS? [Y / N]	ISTANCE TO SET	Mer: pr
PROPERTY ADDRESS: 120				
DIRECTIONS TO PROPERTY:	N Company of the Comp	`		
BUILDING INFORMATION	[] RESIDENTIAL	[] COMM	ERCIAL	
Unit Type of No Establishment	No. of Building Bedrooms Area Sq	g Commercial/I ft Table 1, Cha	nstitutional pter 64E-6, F	System Design
1 2000	420	- v	b	
2 Metal garage	460	-00	ived	
3		- 162		EVISED
4			الزائ	3/11/20
[] Floor/Equipment Drains	[] Other (Space	ify)		
SIGNATURE:	proce		DATE: 03	-04-2020
DH 4015 08/09 (Obsoletce pro-	edomo odibioso sala	A	5 a.	

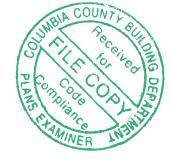
STATE OF FLORIDA DEPARTMENT OF HEALTH APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 20 0 176





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

Prepared for:

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





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MOORE AND ENGINEERING AND	ASSOCIATES CONSULTING, INC.	DRAWN BY: LT	→ 30'-0"x20'-	ULAR BUILDING S 0" ENCLOSED BUI PE SEAL COVER SE	LDING EXP. B
1		PROJECT HGR: VSH	DATE: 12-18-17	SCALE: NTS	JOB NO: 160225/173005
THIS DOCUMENT IS THE PROPERTY OF NOD CONSULTING. THE UNAUTHORIZED REPRODUC THIS DOCUMENT IS STRICTLY PROHIBITED BE SUBJECT TO LEGAL ACTION.	AND ANY INFRINGENENT THEREUPON MAY	CLIENT: TBS	SHT. 1	DWG. ND: SK-3	REVa 4

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SHEET 2	DRAWING INDEX
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SHEET 13	LEAN-TO OPTIONS (BOX EAVE RAFTER)
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SHEET 15	VERTICAL ROOF/SIDING OPTION END AND SIDE ELEVATION AND SECTION
SHEET 16	OPTIONAL DOOR HEADER



ENCINEEDING AND CONCULTING DIG	DRAWN BY: LT	TUBULAR BUILDING SYSTEMS 30'-0"x20'-0" ENCLOSED BUILDING EXP. B			
CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS DOCUMENT IS STRICTLY PROHIBITED AND ANY INFRINGEMENT THEREUPON MAY	PROJECT MGR: VSM		SCALE: NTS DVG. NO: SK-3	JOB NO- 160225/17300S REV. 4	

INSTALLATION NOTES AND SPECIFICATIONS

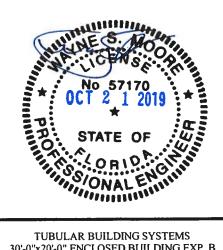
- 1. DESIGN IS FOR A MAXIMUM 30'-0' WIDE x 20'-0' EAVE HEIGHT ENCLOSED STRUCTURES.
- 2. DESIGN WAS DONE IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION, 2012 INTERNATIONAL BUILDING CODE (IBC), AND 2015 IBC
- 3. DESIGN LOADS ARE AS FOLLOWS: A) DEAD LOAD = 1.5 PSF = 12 PSF B) LIVE LOAD
 - 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 (NDMINAL 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 DTHERWISE NOTED).
- 9. AVERAGE FASTENER SPACING ON-CENTERS ALDNG 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 (SDIE NAILS) CONSIST OF #4 REBAR W/WELDED NUT x 30' LONG IN SUITABLE SDIE CONDITIONS MAY BE USED FOR LOW (108 MPH NOMINAL) WIND SPEEDS ONLY. OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SDIES AND MUST BE USE IN UNSUITABLE SDILS 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

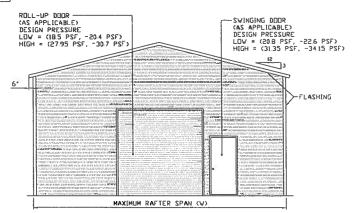
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Spi= 0839



ENCINEERING AND CONCULTING INC.	DRAWN BY: LT	TUBULAR BUILDING SYSTEMS 30'-0"x20'-0" ENCLOSED BUILDING EXP. B		
THIS DOCUMENT IS THE PROPERTY OF MODRE AND ASSOCIATES ENGINEERING AND	PROJECT MGR: VSM	DATE: 12-18-17		JOB NO: 160225/173005
CONSULTING THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERVISE USE OF THIS DOCUMENT IS STRICTLY PROHIBITED AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: TBS	SHT. 3	DVG. NO: SK-3	REV. 4

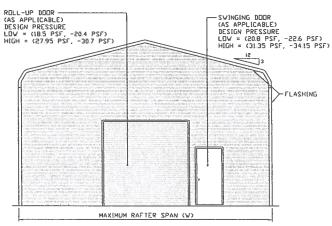
BOX EAVE FRAME RAFTER ENCLOSED BUILDING



TYPICAL END ELEVATION-HORIZONTAL ROOF

SCALE: NTS

BOW FRAME RAFTER ENCLOSED BUILDING



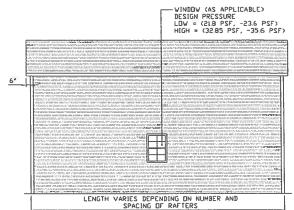
TYPICAL END ELEVATION

6'

LENGTH VARIES DEPENDING DIN NUMBER AND SPACING OF RAFTERS

LENGTH VARIES DEPENDING DIN NUMBER AND SPACING OF RAFTERS

TYPICAL SIDE ELEVATION



TYPICAL SIDE ELEVATION-HORIZONTAL ROOF

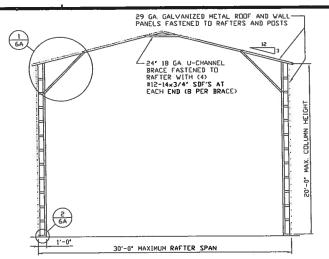
SCALE: NTS



MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.

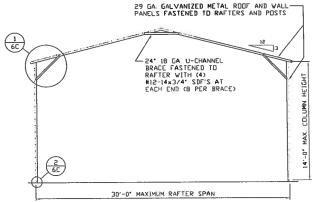
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PROJECT HGR: VSH	DATE: 12-18-17	SCALE: NTS	JOB NO: 160225/173005			
CLIENT, TRE	SHT. 4	DVG. ND: SK-3	REV. 4			



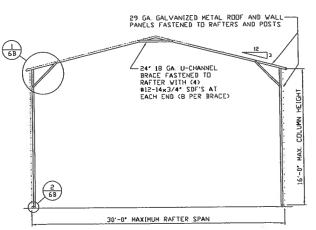
TYPICAL RAFTER/COLUMN END FRAME SECTION

SCALE: NTS

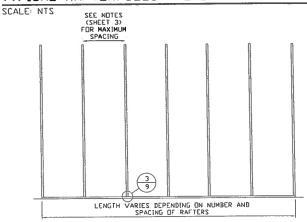


TYPICAL RAFTER/COLUMN END FRAME SECTION

SCALE: NTS



TYPICAL RAFTER/COLUMN END FRAME SECTION

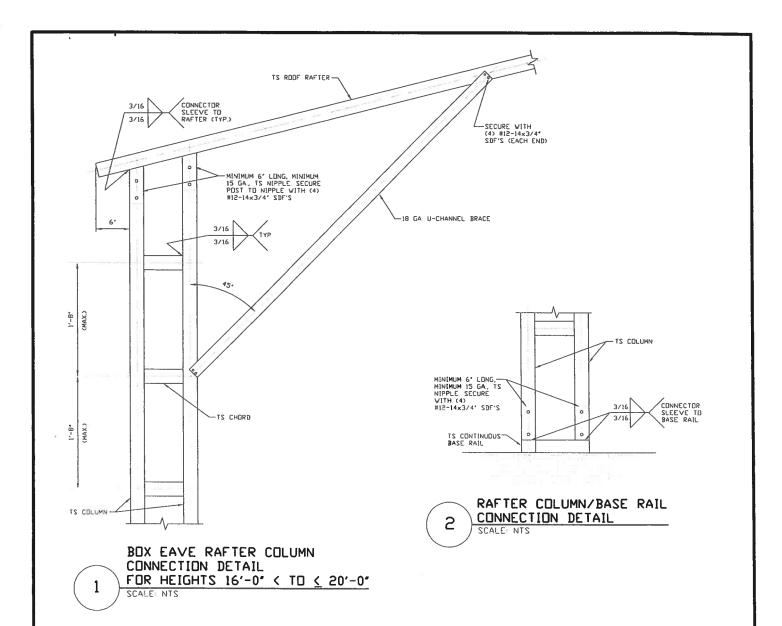


TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

SCALE: NTS



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· · · · · · · · · · · · · · · · · · ·			SCALE: NTS DVG. ND: SK-3	JOB NO: 16022\$/17300\$ REV2 4

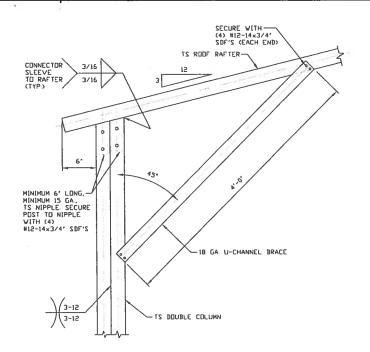


18 GA U-CHANNEL BRACE
FASTENED TO THE COLUMN
AND RODF BEAM, WITH (4)
#12-14x3/4' SDF'S AT EACH
END (8 PER BRACE)

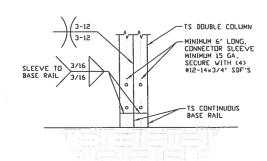
BRACE SECTION
SCALE: NTS



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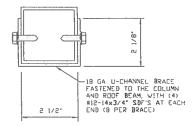


BOX EAVE RAFTER COLUMN CONNECTION DETAIL FOR HEIGHTS 14'-0' < TO < 16'-0' SCALE: NTS

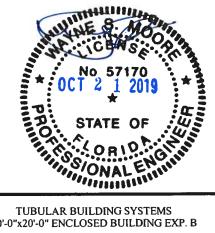


RAFTER COLUMN/BASE RAIL CONNECTION DETAIL

SCALE: NTS



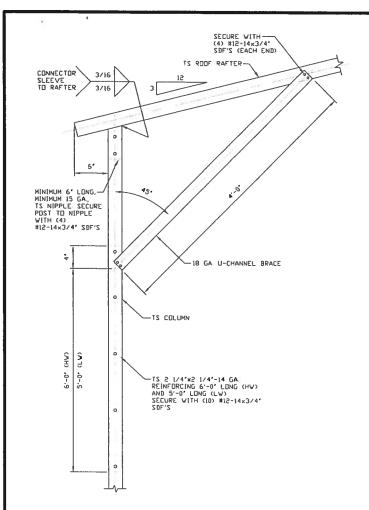
BRACE SECTION SCALE: NTS



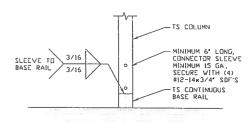
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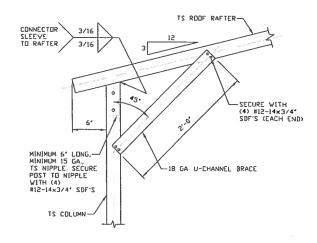
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PROJECT MGR: VSM	DATE: 12-18-17	SCALE: NTS	108 NO:	7300S			
CLIENT: TBS	SHT. 6B	DVG. NO: SK-3	REV.				



BOX EAVE RAFTER COLUMN CONNECTION DETAIL FDR HEIGHTS 10'-0" < T□ < 14'-0" 1A SCALE NTS

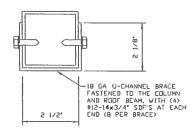


RAFTER COLUMN/BASE RAIL CONNECTION DETAIL SCALE: NTS



BOX EAVE RAFTER COLUMN CONNECTION DETAIL FOR HEIGHTS ≤ 10'-0" 1B

SCALE: NTS

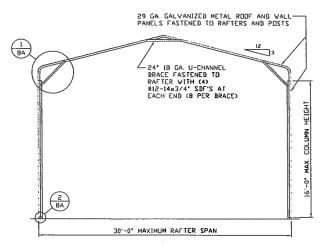


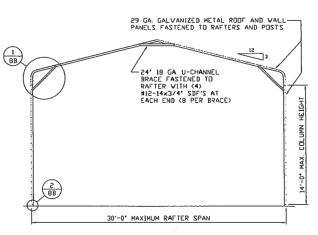
BRACE SECTION

SCALE: NTS



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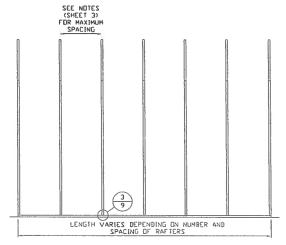




TYPICAL RAFTER/COLUMN END FRAME SECTION

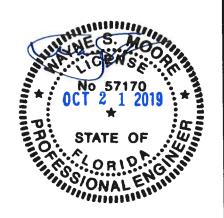
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TYPICAL RAFTER/COLUMN END FRAME SECTION
SCALE: NTS

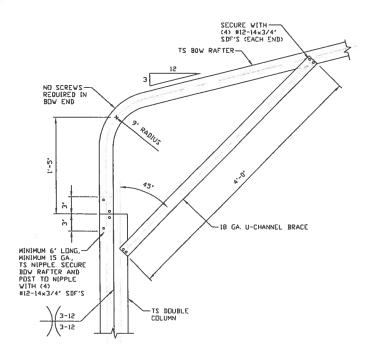


TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

SCALE NTS



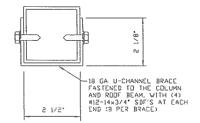
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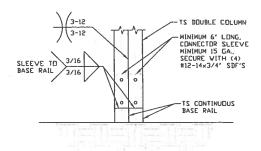
BOX EAVE RAFTER COLUMN CONNECTION DETAIL

FOR HEIGHTS 14'-0" < TO < 16'-0"

SCALE NTS



BRACE SECTION



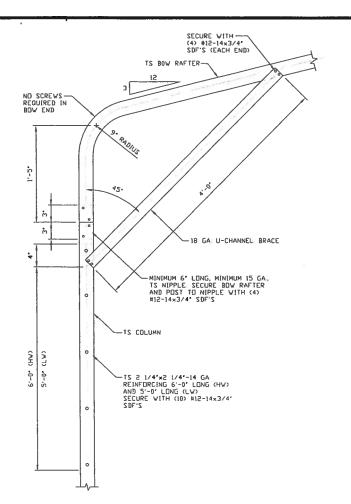
2 RAFTER COLUMN/BASE RAIL CONNECTION DETAIL
SCALE: NTS



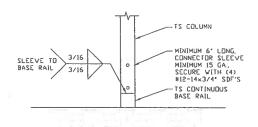
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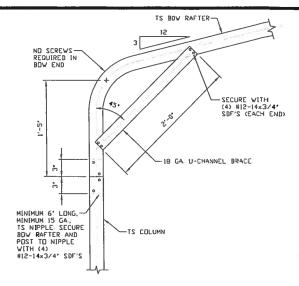
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PROJECT MGR: VSM	DATE: 12-18-17	SCALE: NTS	JOB NO: 160225/173005		
CLIENT: TBS	SHT. BA	DVG. NO SK-3	REV= 4		



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



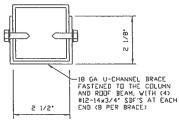
2 RAFTER COLUMN/BASE RAIL CONNECTION DETAIL
SCALE: NTS



BOX EAVE RAFTER COLUMN CONNECTION DETAIL FOR HEIGHTS ≤ 10'-0"

SCALE: NTS

1B



BRACE SECTION

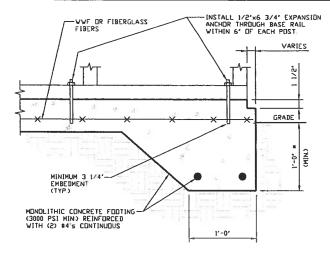


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PROJECT HGR: VSH	DATE: 12-18-17	SCALE: NTS	JOB NO: 160225/173005			
CLIENT, TOS	SHT. BB	DVG. NO: SK-3	REV.: 4			

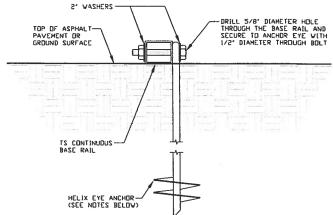
BASE RAIL ANCHORAGE OPTIONS FOR LOW AND HIGH WIND SPEED





CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

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



GROUND BASE HELIX ANCHORAGE (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 DR EXPOSED TO THE EARTH DR 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

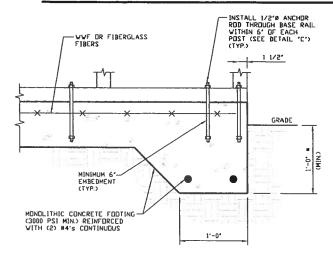
HELIX ANCHOR NOTES:

- 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 FDR CDRAL USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH **EMBEDMENT**
- 3 FOR MEDIUM DENSE CHARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT.
- 4 FOR LODSE 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 LOSE 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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OPTIONAL FOUNDATION ANCHORAGE FOR LOW & HIGH WIND SPEED



CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

MINIMUM ANCHDR EDGE DISTANCE IS 1 1/2')
* COORDINATE WITH LOCAL CODES/DRD

GENERAL NOTES

CONCRETE:

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

COVER OVER REINFORCING STEEL:

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318

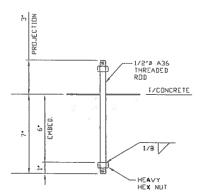
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2 INCHES ELSEWHERE

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

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 3 REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT
- BE FIELD BENT



1C

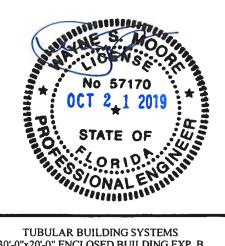
ANCHOR ROD THROUGH BASE RAIL DETAIL

INSTALL 1/2'\$ ANCHOR— RDD THROUGH BASE RAIL WITHIN 6' DF EACH POST (SEE DETAIL 'C') (TYP.) WWF OR FIBERGLASS FIBERS GRADE CMIN) MINIMUM 6' EMBEDMENT (TYP) MDNOLITHIC CONCRETE FOOTING (3000 PSI MIN.) REINFORCED VITH (2) #4's CONTINUOUS 1"-0"

1B

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

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

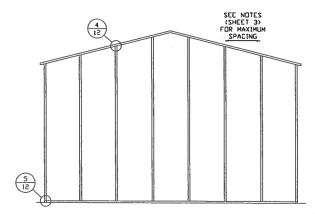


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PROJECT MGR: VSM	DATE: 12-18-17	SCALE: NTS	JOB NO: 160225/173005		
CLIENT: TRS	SHT. 9B	DWG. ND: SK-3	REV: 4		

BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

SEE NOTES 3 (SHEET 3) FOR MAXIMUM SPACING

DPENING FOR ROLL-UP DOOR VITH HEADER

10

12

12

12

13

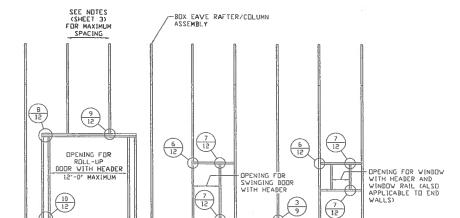
14

FOR MAXIMUM SPACING

TO THE MAXIMUM SPACING

TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

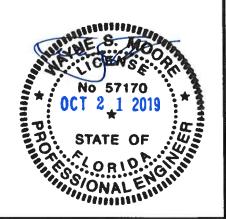
SCALE: NTS



TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

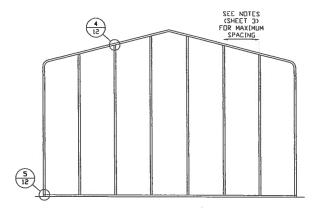
SCALE: NTS

SCALE: NTS



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BOW RAFTER END WALL AND SIDE WALL OPENINGS

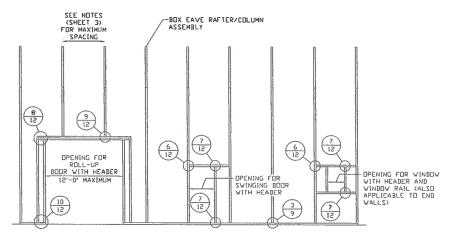


TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS

SCALE: NTS



TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

SCALE: NTS

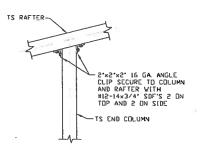


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PROJECT HGR: VSH	DATE: 12-18-17	SCALE: NTS	JOB NO: 160225/173005			
CLIENT: TBS	SHT. 11	DWG. NO: SK-3	REV.: 4			

BOW AND BOX EAVE RAFTER WALL OPENING DETAILS



TS COLUMN (CORNER) MINIMUM 6' LDNG, MINIMUM 15 GA., TS NIPPLE: SECURE WITH (4) #12-14x3/4' SDF'S 2'x2'x2' 15 GA. CLIP ANGLE SECURE TO RAFTER COLUMN AND BASE RAIL W/(4) #12-14x3/4' SDF'S NIPPLE TO 3/16 BASE RAIL 3/16 3/16 TS CONTINUOUS BASE RAIL

TS COLUMN OR END COLUMN 2°x2'x2' 16 GA ANGLE CLIP SECURE TO COLUMN AND EITHER TOP OF HEADER, DR BOTTOM OF VINDOW RAIL WITH #12-14x3/4' SDF'S TS HEADER OR WINDOW RAIL

END COLUMN/RAFTER CONNECTION DETAIL 4

SCALE: NTS

END COLUMN/BASE RAIL CONNECTION DETAIL 5 SCALE: NTS

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

TS TRUSSED RAFTER CHORD, DR HEADER TS END COLUMN-OR DOOR WINDOW FRAME POST TS HEADER, BASE-RAIL, OR WINDOW RAIL

-2'x2'x2' 16 GA. ANGLE CLIP SECURE TO COLUMN (EACH SIBE) AND RAFTER CHORD/RAIL VITH 812-14x3/4' SDF'S 2 ON BOTTOM AND 2 ON SIDE NOTE AT ROLL-UP DOOR
OPENINGS, POST SHOULD
BE FLUSH WITH RAIL
END CLIP POST TO
RAIL DNLY DN SIDE
OPPOSITE THE OPENING.

3-12 3/16 NIPPLE TO 3/16 0 -MINIMUM 6' LÜNG, MINIMUM 15 GA, TS NIPPLE SECURE EACH WITH (4) #12-14×3/4' TS COLUMN

TS COLUMN NIPPLE TO HEADER MINIMUM 6' LONG, MINIMUM 15 GA, TS NIPPLE SECURE WITH (4) #12-14x3/4' SDF'S 3/16 TS DOUBLE HEADER

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

DOUBLE HEADER/COLUMN CONNECTION DETAIL 8

COLUMN/DOUBLE HEADER CONNECTION DETAIL 9

TS COLUMN MINIMUM 6' LDNG, MINIMUM 15 GA, TS NIPPLE SECURE EACH VITH (4) #12-14x3/4' SDF'S NIPPLE TO BASE RAIL 3/15 TS CONTINUOUS BASE RAIL

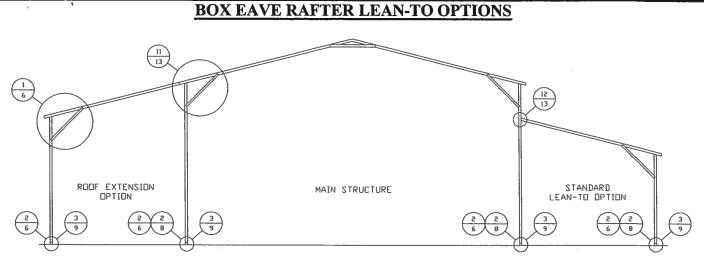
COLUMN/BASE RAIL CONNECTION DETAIL 10 SCALE: NTS



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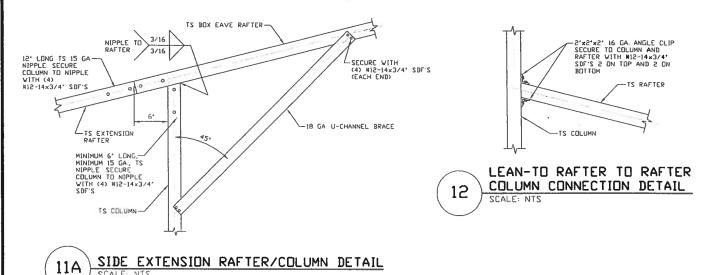
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_	PROJECT HGR: VSH	DATE: 12-18-17		JOB NO: 160225/173005
	CLIENT: TBS	SHT. 12	DVG. NO: SK-3	REV. 4



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

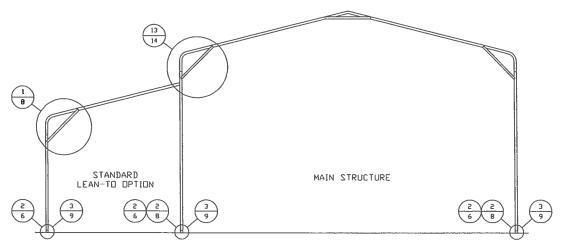
SCALE: NTS MAXIMUM WIDTH OF SINGLE MEMBER RAFTER LEAN-TO IS 16'-0'.





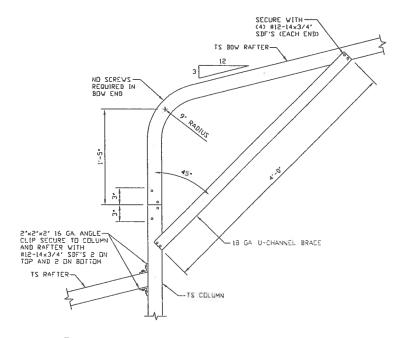
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BOW RAFTER LEAN-TO OPTIONS



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

SCALE: NTS MAXIMUM WIDTH OF SINGLE MEMBER RAFTER LEAN-TO IS 16'-0'.

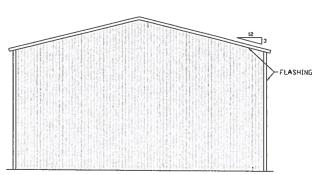


13 SIDE EXTENSION RAFTER/COLUMN DETAIL

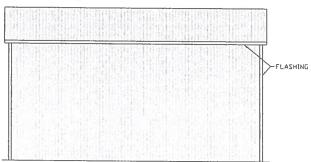


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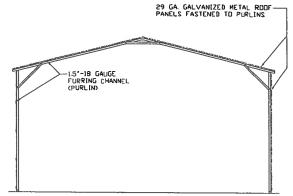
BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



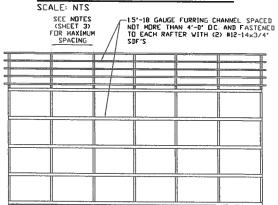
TYPICAL END ELEVATION VERTICAL ROOF/SIDING OPTION SCALE: NTS



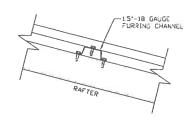
TYPICAL SIDE ELEVATION VERTICAL ROOF/SIDING OPTION



TYPICAL SECTION VERTICAL ROOF/SIDING OPTION



TYPICAL FRAMING SECTION
VERTICAL ROOF/SIDING OPTION
SCALE: NTS

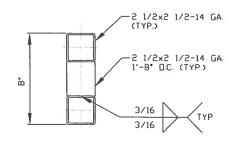


ROOF PANEL ATTACHMENT
(ALTERNATE FOR VERTICAL ROOF PANELS)
SCALE: NTS



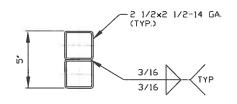
ENGINEEDING AND CONCLUTING INC	DRAWN BY: LT	TUBULAR BUILDING SYSTEMS 30'-0"x20'-0" ENCLOSED BUILDING EXP. B		
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OPTIONAL DOOR HEADER



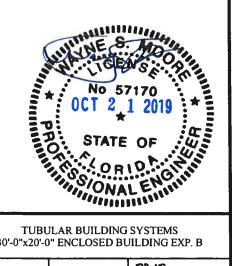
HEADER DETAIL FOR DOOR □PENINGS 12'-0' < LENGTH < 15'-0'

SCALE NTS



HEADER DETAIL FOR DOOR OPENINGS LENGTH < 12'-0'

SCALE: NTS



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Florida Product Approval Codes

Roll-Up Doors:

Janus International Corporation Model 750: 21450.8

EXP 12/31/2020

Walk-In Door:

Elixir Door & Metal Company blank (no window): 17996.5

EXP 9/14/2020

Window:

Kinro 993.7

EXP 10/19/21

Roof Deck:

Capital Metal Supply Inc. Ag Panel: 20147.1

EXP 07/20/2020

Wall Panel:

Capital Metal Supply Inc. Ag Panel: 20148.1

EXP 07/20/2020

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

