

25' 10' 10'

Columbia County New Building Permit Application

1115

For Office Use Only Application # 1906-13 Date Received 6/5 By [Signature] Permit # 38247

Zoning Official T.C. / L.H. Date 6-12-19 Flood Zone X at site Land Use RED Zoning RSF-1

FEMA Map # N/A Elevation N/A MFL N/A River N/A Plans Examiner T.C. Date 6-12-19

Comments Non Habitable Storage Build wall must be 10' from side property line

☒ NOC ☒ VEH ☐ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Wall 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. 19-0448 OR City Water ☐ Fax _____

Applicant (Who will sign/pickup the permit) Robert HOFFMAN Phone 386-365-4662

Address 161 NW OMAHA Klay, LAKE CITY, FL 32055

Owners Name SAME AS ABOVE Phone _____

911 Address SAME AS ABOVE

Contractors Name ROBERT HOFFMAN Phone _____

Address SAME AS ABOVE

Contractor Email _____ ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address ATA ENGINEERING 5911 RENAISSANCE PLACE, SUITE B

Mortgage Lenders Name & Address TOLEDO, OH 43628 - OMAHA A ABUY-YASEIN, PE

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

Property ID Number 23-35-16-02272-162 Estimated Construction Cost \$8,000

Subdivision Name LAKEWOOD ESTATES Lot 2 Block B Unit _____ Phase _____

Driving Directions from a Major Road BASCOM NORRIS NORTH, LEFT ON LAKE JEFFREY ROAD

1.5 MILES WEST, LAKEWOOD ESTATES ON LEFT, 2ND HOUSE ON LEFT

Construction of Metal Storage Building Commercial OR ☒ Residential

Proposed Use/Occupancy STORAGE 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 76' Side 10' Side 100' Rear 300' 1 ACRE

Number of Stories 1 Heated Floor Area _____ Total Floor Area 1008 SF Acreage 1.48

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

\$179.08

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.

ROBERT W. HOFFMAN

Print Owners Name

R.W. Hoffman

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)

Columbia County Property Appraiser

Jeff Hampton

2018 Tax Roll Year

updated: 5/9/2019

Parcel: << **23-3S-16-02272-162** >>

Aerial Viewer Pictometry Google Maps

Owner & Property Info

Result: 9 of 14

Owner	HOFFMAN ROBERT W & DOREEN 161 NW OMAHA WAY LAKE CITY, FL 32055		
Site	161 OMAHA WAY, LAKE CITY		
Description*	LOT 2 BLOCK B LAKEWOOD ESTATES S/D UNIT II REPLAT. 784-1892, 797-1816, 922- 1151, WD 1031-2804, WD 1380-812		
Area	1.48 AC	S/T/R	23-3S-16
Use Code**	SINGLE FAM (000100)	Tax District	2

*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 (1)	\$16,900	Mkt Land (1)	\$16,900
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (1)	\$135,295	Building (1)	\$139,798
XFOB (3)	\$5,046	XFOB (4)	\$6,246
Just	\$157,241	Just	\$162,944
Class	\$0	Class	\$0
Appraised	\$157,241	Appraised	\$162,944
SOH Cap [?]	\$1,367	SOH Cap [?]	\$3,692
Assessed	\$155,105	Assessed	\$159,252
Exempt	HX H3 \$50,000	Exempt	HX H3 \$50,000
Total	county:\$105,105 city:\$105,105	Total	county:\$109,252 city:\$109,252
Taxable	other:\$105,105 school:\$130,105	Taxable	other:\$109,252 school:\$134,252

**▼ Sales History**

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
3/11/2019	\$250,000	1380/0812	WD	I	Q	01
11/29/2004	\$25,000	1031/2804	WD	V	Q	
3/15/2001	\$18,900	922/1181	WD	V	Q	
1/7/1994	\$6,000	784/1892	CD	V	U	13

▼ Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
Sketch	1	SINGLE FAM (000100)	2005	1887	2673	\$139,798

*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)
0166	CONC,PAVMT	2005	\$3,536.00	1768.000	0 x 0 x 0	(000.00)

SITE PLAN CHECKLIST

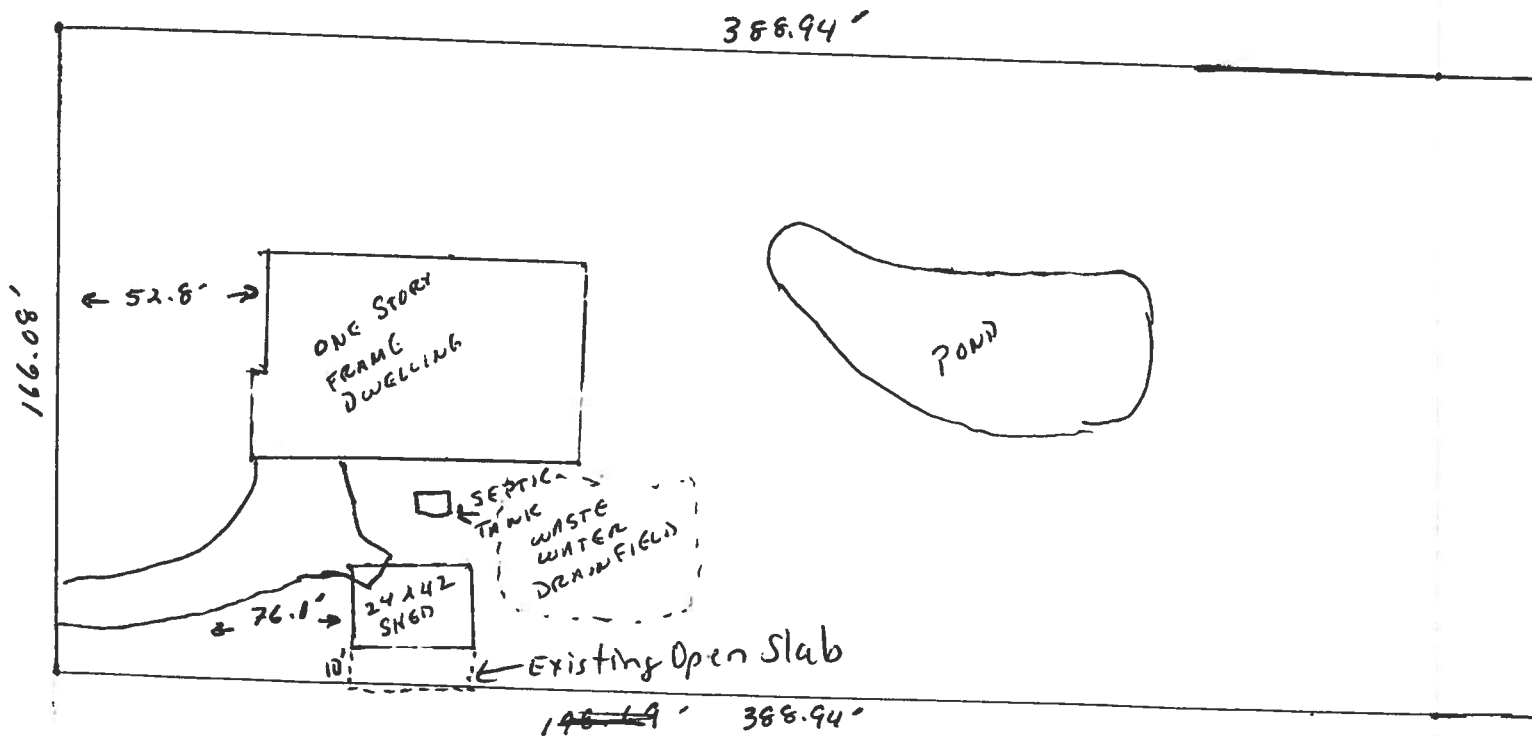
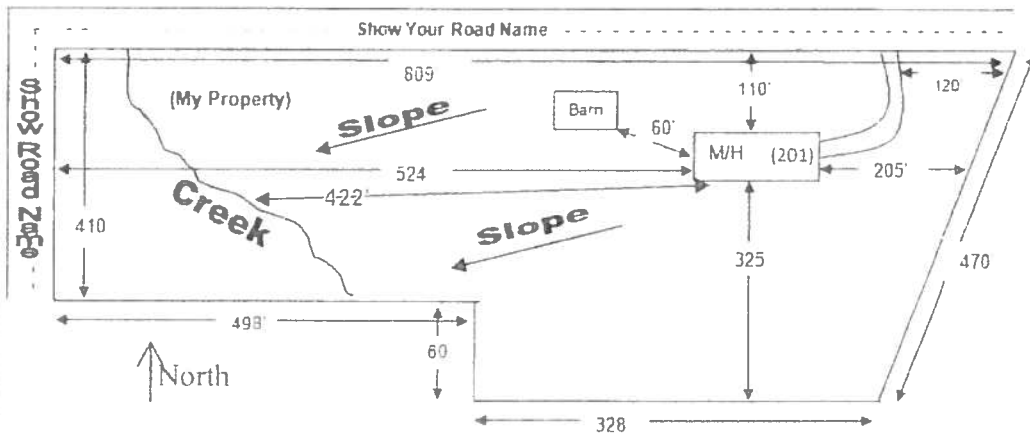
- ___ 1) Property Dimensions
- ___ 2) Footprint of proposed and existing structures (including decks), label these with existing addresses
- ___ 3) Distance from structures to all property lines
- ___ 4) Location and size of easements
- ___ 5) Driveway path and distance at the entrance to the nearest property line
- ___ 6) Location and distance from any waters: sink holes; wetlands; and etc.
- ___ 7) Show slopes and or drainage paths
- ___ 8) Arrow showing North direction

SITE PLAN EXAMPLE

Revised 7/1/15

NOTE:

This site plan can be copied and used with the 911 Addressing Dept. application forms.



NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

23-35-16-02272-162

Clerk's Office Stamp

Inst: 201912013874 Date: 06/18/2019 Time: 11:36AM
Page 1 of 1 B: 1386 P: 2306, P.DeWitt Cason, Clerk of Court
Columbia, County, By: KV
Deputy Clerk

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

- Description of property (legal description): LAKEWOOD ESTATES Lot 2 BLK B Unit 2
a) Street (job) Address: 161 NW OMAHA WAY, LAKE CITY FL 32055
- General description of improvements: BUILT A STORAGE STYLE METAL STORAGE BUILDING
- Owner Information or Lessee information if the Lessee contracted for the improvements:
a) Name and address: ROBERT HOFFMAN - 161 NW OMAHA WAY, LAKE CITY, FL 32055
b) Name and address of fee simple titleholder (if other than owner):
c) Interest in property
- Contractor Information
a) Name and address: MARTINEZ, CARPORTS LLC 3402 SW CYPRESS LAKE RD LAKE CITY
b) Telephone No.: E. Robert Hoffman
- Surety Information (If applicable, a copy of the payment bond is attached):
a) Name and address:
b) Amount of Bond:
c) Telephone No.:
- Lender
a) Name and address:
b) Phone No.:
- Person within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
a) Name and address:
b) Telephone No.:
- In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name: OF
b) Telephone No.:
- Expiration date of Notice of Commencement (the expiration date will be 1 year from the date of recording unless a different date is specified):

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR 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 YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. R.W. Hoffman
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

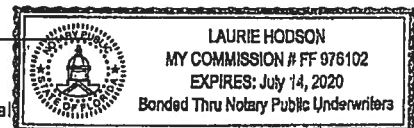
ROBERT W. HOFFMAN
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 5th day of JUNE, 2019, by:
Robert Hoffman as OWNER for Robert Hoffman
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known OR Produced Identification ☒ Type DL

Notary Signature: [Signature]

Notary Stamp or Seal





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:

161 NW1 Omaha Way

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.

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.

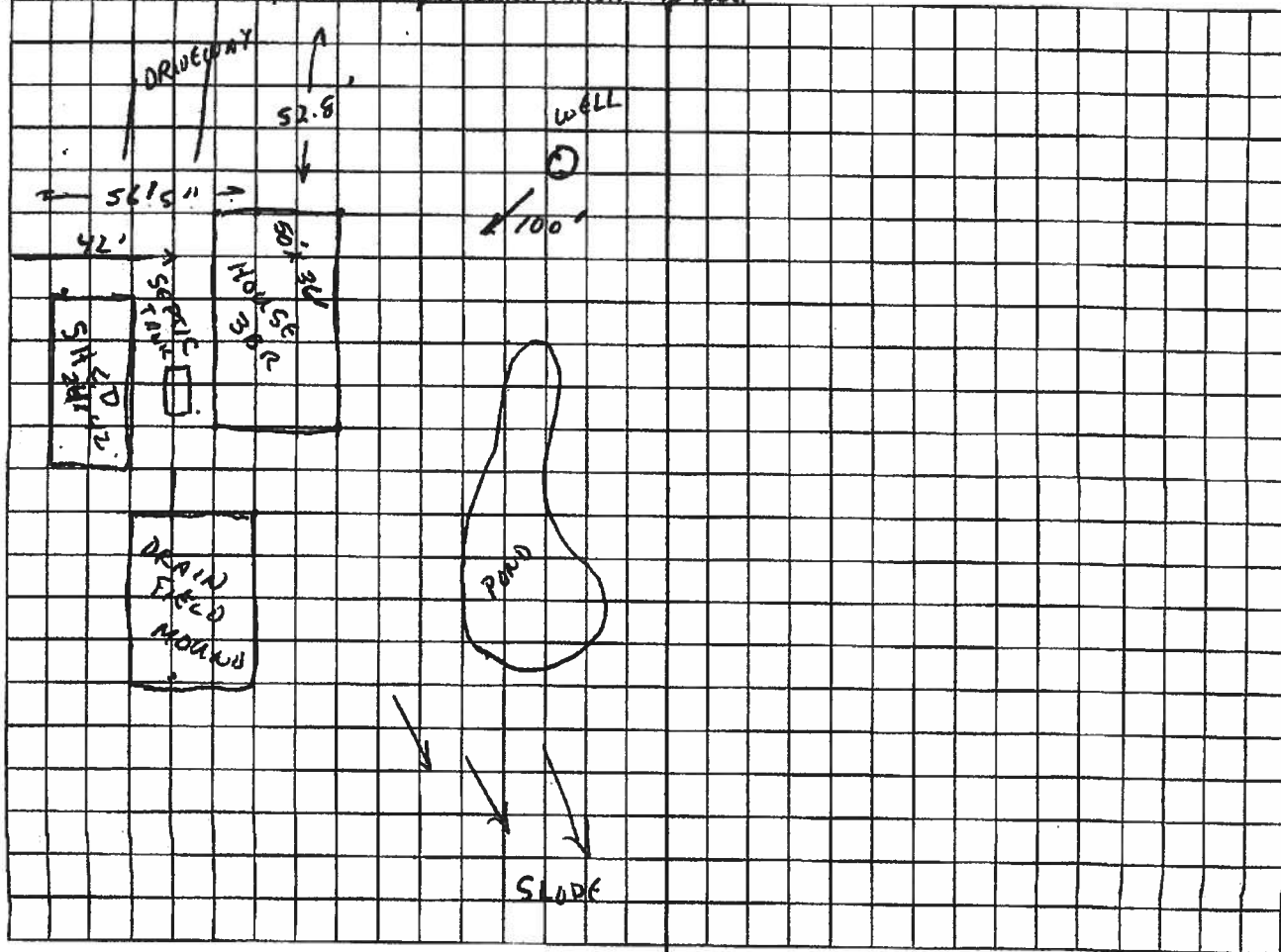
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number

19-0448

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

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



Notes:

✓ Site Plan submitted by: R. W. HOFFMAN

Plan Approved

Not Approved

Date 6/13/19

By:

FSHColumbia

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. 19-0448
DATE PAID: 6/4/19
FEE PAID: 68.88
RECEIPT #: 1417934

APPLICATION FOR:

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

APPLICANT: ROBERT W. HOFFMAN

AGENT: _____

TELEPHONE: 386-365-4662MAILING ADDRESS: 161 NW OMAHA WAY, LAKE CITY FL 32055

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: 2 BLOCK: 0 SUBDIVISION: LAKEWOOD ESTATES PLATTED: _____PROPERTY ID #: 23-35-16-02272-162 ZONING: _____ I/M OR EQUIVALENT: ☒ Y / ☐ NPROPERTY SIZE: 1.48 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤2000GPD ☐ >2000GPDIS SEWER AVAILABLE AS PER 381.0065, FS? ☒ Y / ☐ N DISTANCE TO SEWER: _____ FTPROPERTY ADDRESS: 161 NW OMAHA WAY, LAKE CITY, FL 32055

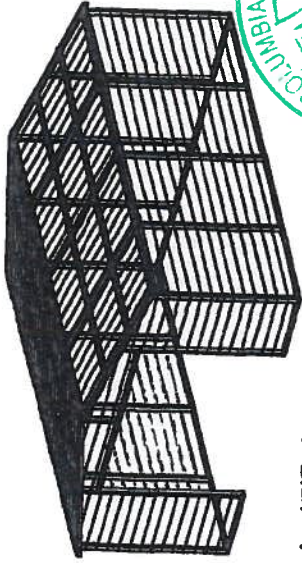
DIRECTIONS TO PROPERTY: BASCOM NORRIS NORTH TO LAKE JEFFREY RD MAKE LEFT
1.5 MILES ON LEFT IS LAKEWOOD ESTATES MAKE LEFT 2ND HOUSE ON LEFT

BUILDING INFORMATION

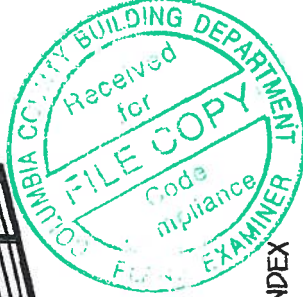
☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>HOUSE</u>	<u>3</u>	<u>1800SF</u>	
2	<u>STORAGE BARN</u>	<u>0</u>	<u>1008SF</u>	<u>NOT HEATED</u>
3				
4				

☐ Floor/Equipment Drains ☐ Other (Specify) _____SIGNATURE: R.W. HoffmanDATE: 6-4-19



REGULAR / A-FRAME 24'-0" WIDE CARPORT STYLE BUILDINGS



DESIGN NOTES

- ALL CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH IBC 2015, OSHA, ASCE 360, AISI 100, ASCE 7-10, AWS D1.3 CODES AND ALL APPLICABLE LOCAL REQUIREMENTS.
- BASE CONNECTIONS SHALL BE PROVIDED AS SHOWN ON FOUNDATION DETAILS SHEET.
- ALL MATERIALS IDENTIFIED BY MANUFACTURER NAME MAY BE SUBSTITUTED WITH MATERIAL EQUAL OR EXCEEDING ORIGINAL.
- ALL SHOP CONNECTIONS SHALL BE WELDED CONNECTIONS.
- ALL FIELD CONNECTIONS SHALL BE #12X1" SD5 PER ESR-2196 OR EQ.
- STEEL SHEATHING SHALL BE 28GA CORRUGATED GALV. OR PAINTED STEEL - MAIN RIB HT. 3/4" (FY=80KSI) OR EQ.
- ALL STRUCTURAL LIGHT GAUGE TUBING AND CHANNELS SHALL BE GRADE 50 STEEL.
- STRUCTURAL TUBE T92 12"x2 1/2" - 14GA IS EQUIVALENT TO T92 14"x2 1/4" - 12GA AND EITHER ONE MAY BE USED IN LIEU OF THE OTHER.
- ALL DESIGN CRITERIA MUST BE INCREASED TO THE NEXT HIGHER INCREMENT BASED ON THE TABLES ON PAGE 4. NO INTERPOLATION IS ALLOWED.

DESIGN CRITERIA

PREVAILING CODE:

USE GROUP:

RISK CATEGORY:

1. DEAD LOAD (D) $D = 4$ PSF

2. ROOF LIVE/SNOW LOAD (L_r) $L_r = 20 - 61$ PSF (AS PER SNOW LOAD SEE TABLE 4)

3. SNOW LOAD (S) $P_g = 20 - 90$ PSF IMPORTANCE FACTOR $I_s = 0.8$

4. THERMAL FACTOR $C_t = 12$

5. EXPOSURE FACTOR $C_e = 10$

6. ROOF SLOPE FACTOR $C_s = 10$

7. WIND LOAD (W) $V_{ult} = 105 - 180$ MPH

8. BASIC WIND SPEED $C = 1.0$

9. EXPOSURE $C_e = 1.0$

10. SEISMIC LOAD (E) D

11. DESIGN CATEGORY $I_s = 1.0$

12. IMPORTANCE FACTOR $I_s = 1.0$

CUSTOMER INFORMATION

OWNER:
ADDRESS:

DESIGN LOADS

GROUND SNOW:

ROOF LIVE LOAD:

BASIC WIND SPEED:

BUILDING INFORMATION

WIDTH:

LENGTH:

HEIGHT:

FRAME TYPE:

ENCLOSURE TYPE:

CERTIFICATION VALIDITY NOTICE

DATE OF EXPIRATION:

MAR 12 2020

CERTIFICATION ON THESE DRAWINGS IS VALID FOR ONE YEAR FROM DATE OF ISSUE

MANUFACTURED BY:

Martinez Carports LLC
3402 SW Cypress Lake Rd.,
Lake City, FL

ENGINEERED BY:



A&A ENGINEERING

CIVIL • STRUCTURAL

5911 Rembrandt Place, Suite B • Toledo, OH 43623
Tel. 419-594-1988 • Fax. 419-594-0655
www.aandengineering.com

DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

COVER SHEET

SHEET NO.: 1 / 11

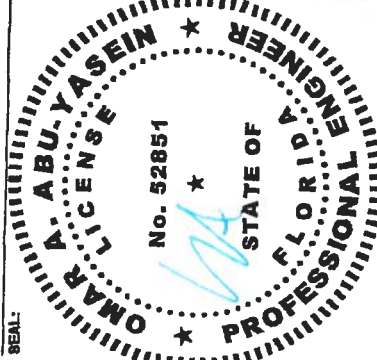
DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

- ANY DUPLICATION OF THIS DRAWING IN WHOLE OR PART IS STRICTLY PROHIBITED. ANYONE DOING SO WILL BE PROSECUTED UNDER THE FULL EXTENT OF THE LAW.
- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:



DATE EXPIRES: 02/28/2021

DATE SIGNED: MAR 12 2019

TABLE 2.1: MEMBER PROPERTIES

NO.	DESCRIPTION	PROPERTIES	QUANTITY
1	COLUMN POST	2.5" X 2.5" X 14GA TUBE	1
2	ROOF BEAM	2.5" X 2.5" X 14GA TUBE	1
3	BASE RAIL	2.5" X 2.5" X 14GA TUBE	1
4	PEAK BRACE	2.5" X 2.5" X 14GA CHANNEL	4
5	KNEE BRACES	2.5" X 1.5" X 14GA CHANNEL	4
6	CONNECTOR SLEEVE	2.25" X 2.25" X 12GA TUBE	2
7	BASE ANGLE	2" X 2" X 3" LG. 3/16" ANGLE	10
8	PURLIN	4.25" X 1.5" X 18GA / 14GA HAT CHANNEL	5
9	GIRT	4.25" X 1.5" X 18GA / 14GA HAT CHANNEL	5
9A	OPT. END WALL GIRT	2.5" X 1.5" X 14GA CHANNEL	1
10	SHEATHING	28 GA CORRUGATED SHEET	8
11	END WALL POST	2.5" X 2.5" X 14GA TUBE	1
12	DOOR POST	2.5" X 2.5" X 14GA TUBE	1
13	SINGLE HEADER	2.5" X 2.5" X 14GA TUBE	1
14	DOUBLE HEADER	DBL. 2.5" X 2.5" X 14GA TUBE	1
15	SERVICE DOOR / WINDOW FRAMING	2.5" X 2.5" X 14GA TUBE	1
16	ANGLE BRACKET	2" X 2" X 2" LG. 14GA ANGLE	7
17	STRAIGHT BRACKET	2" X 2" X 4" LG. 14GA PLATE	6
18	PB SUPPORT	2.5" X 2.5" X 14GA TUBE	1
19	DIAGONAL BRACE	2" X 2" X 14 GA TUBE	3
20	GABLE BRACE	2" X 2" X 14 GA TUBE	3
21	DB BRACKET	2.25" X 2.25" X 6" LG. 14GA ANGLE	9
22	TRUSS SPACER	2.5" X 2.5" X 14GA TUBE	1
23	ALL FASTENERS	#12 X 1" SELF-DRILL SCREWS (ESR-2196 OR EQ) W/ NEOPRENE/STEEL WASHER	

TABLE 2.2: SHEATHING FASTENER SCHEDULE

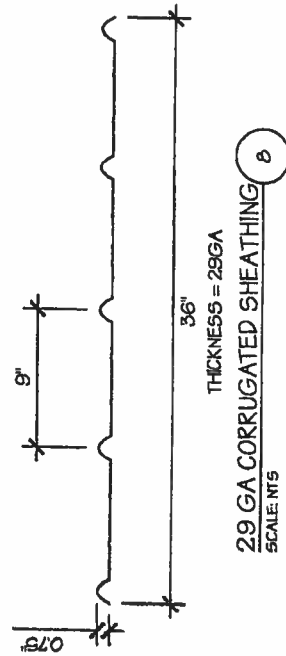
LOCATION	CORNER PANELS	SIDE LAPS	EDGE LAPS	ELSEWHERE
SPACERS	6" C/C	MIN. 1	4 1/2" C/C	9" C/C

FASTENER TYPE: #12X1" SELF-DRILL SCREWS (ESR-2196 OR EQ) W/ NEOPRENE/STEEL WASHER

*SEE TYP. SHEATHING FASTENER SCHEDULE DIAGRAM ON PAGE 6.

TABLE 2.3: GAUGE THICKNESS

GAUGE	29	18	14	12
THICKNESS (IN)	0.0135	0.049	0.083	0.109

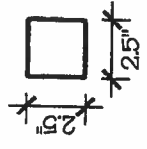


THICKNESS = 29GA

29 GA CORRUGATED SHEATHING

SCALE: NTS

8

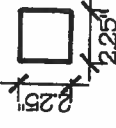


THICKNESS = 14GA

2.5" X 2.5" 14GA TUBE

SCALE: NTS

1

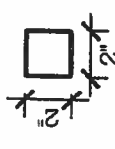


THICKNESS = 12GA

2.25" X 2.25" 12GA TUBE

SCALE: NTS

2

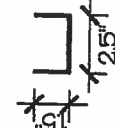


THICKNESS = 14GA

2" X 2" 14GA TUBE

SCALE: NTS

3

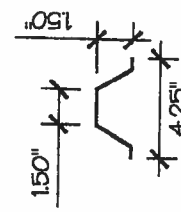


THICKNESS = 14GA

2.5" X 1.5" 14GA CHANNEL

SCALE: NTS

4



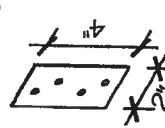
THICKNESS = 18GA / 14GA

4.25" X 1.5" X 18GA / 14GA

HAT CHANNEL

SCALE: NTS

5

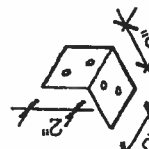


THICKNESS = 14GA

STRAIGHT BRACKET

SCALE: NTS

6

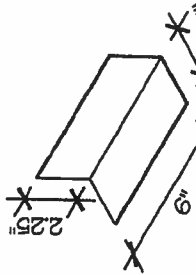


THICKNESS = 14GA

ANGLE BRACKET

SCALE: NTS

7

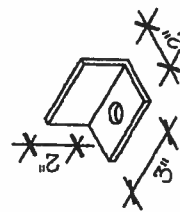


THICKNESS = 14GA

DB BRACKET

SCALE: NTS

9



THICKNESS = 3/16"

BASE ANGLE

SCALE: NTS

10

MANUFACTURED BY:

Martinez Carports LLC
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ENGINEERED BY:

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CIVIL - STRUCTURAL

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

SCHEDULES &

MEMBER SECTIONS

SHEET NO.: 2 / 11

DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

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- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:



DATE EXPIRES: 02/28/2021

DATE SIGNED: MAR 12 2019

MANUFACTURED BY:

Martinez Carports LLC
3402 SW Cypress Lake Rd.,
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ENGINEERED BY:



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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

**FRAME SECTIONS &
DETAILS**

SHEET NO.: 3-A / 11

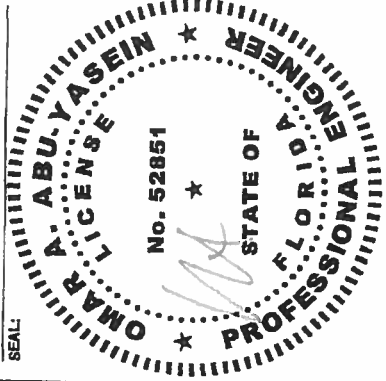
DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

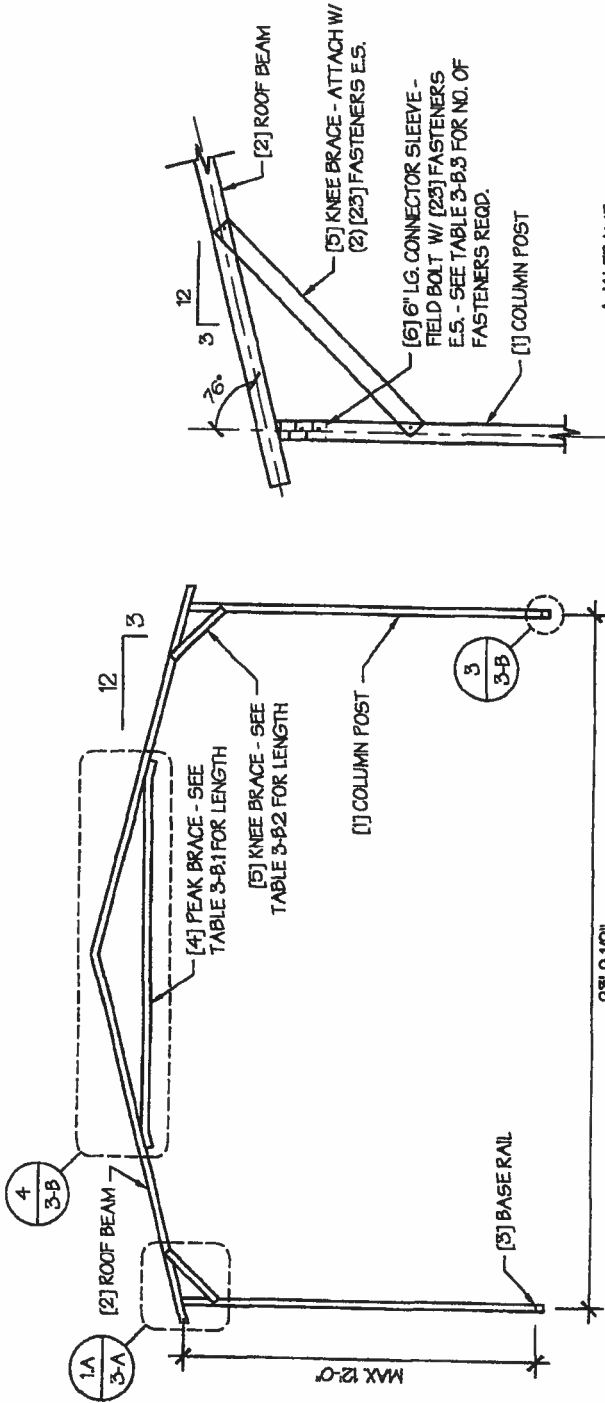
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PART IS STRICTLY FORBIDDEN. ANYONE DOING SO WILL
BE PROSECUTED UNDER THE FULL EXTENT OF THE LAW.
- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:



DATE EXPIRES: 02/28/2021

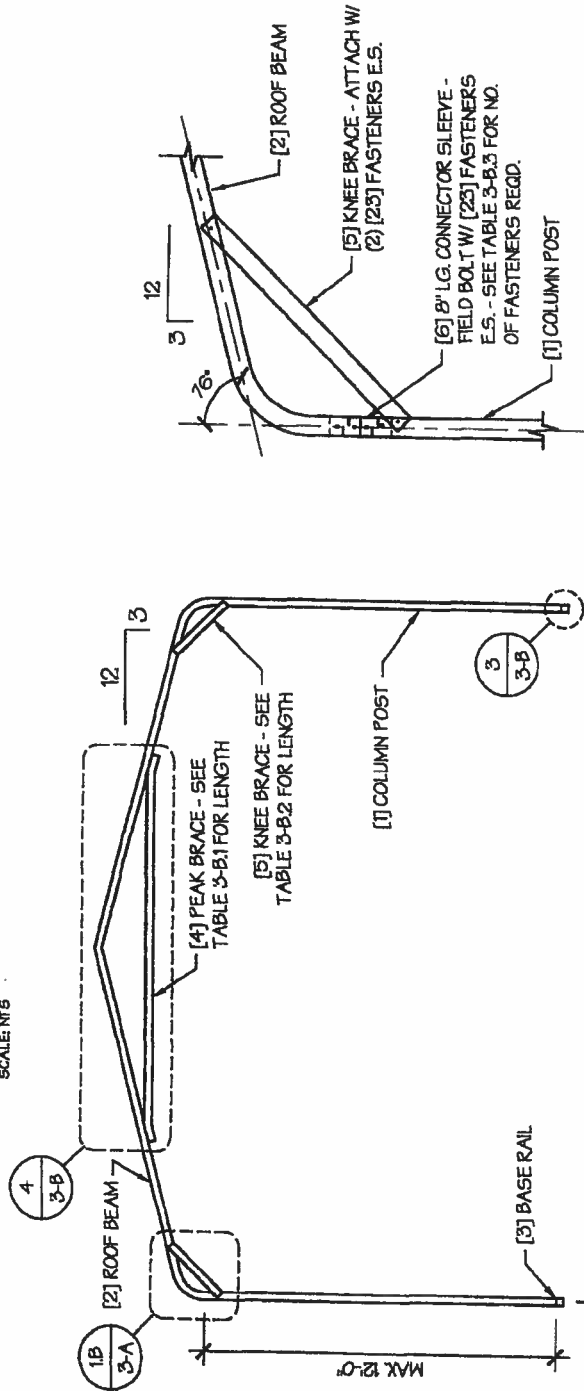
DATE SIGNED: MAR 12 2019



A. A-FRAME

TYP. A-FRAME SECTION

SCALE: NTS



B. REGULAR-FRAME

TYP. REGULAR FRAME SECTION

SCALE: NTS

EAVE DETAIL
SCALE: NTS

MANUFACTURED BY:

Martinez Carports LLC
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ENGINEERED BY:



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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

FRAME DETAILS

SHEET NO.: 3-B / 11

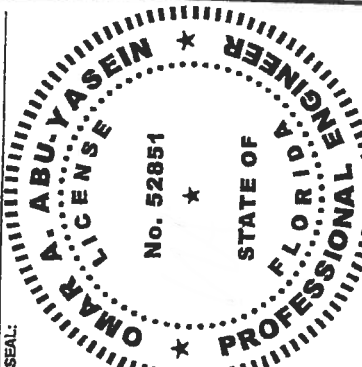
DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

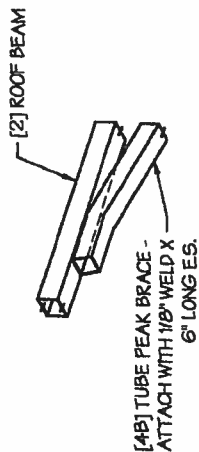
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- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:

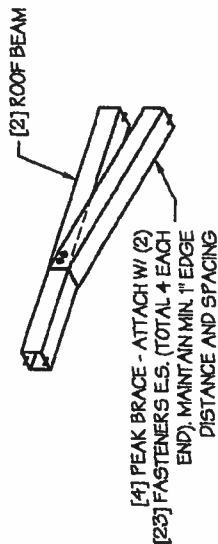


DATE EXPIRES: 02/28/2021

DATE SIGNED: MAR 12 2019



A. PEAK BRACE TUBE

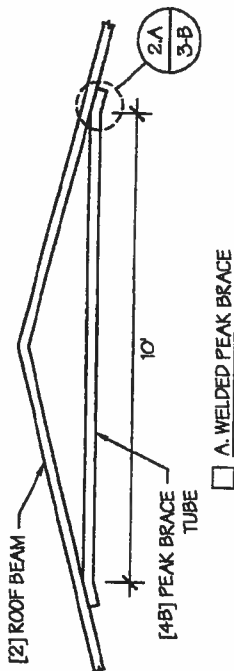


B. PEAK BRACE CHANNEL

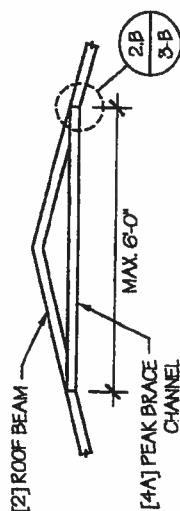
PEAK BRACE CONNECTION DETAILS

SCALE: NTS

2



A. WELDED PEAK BRACE

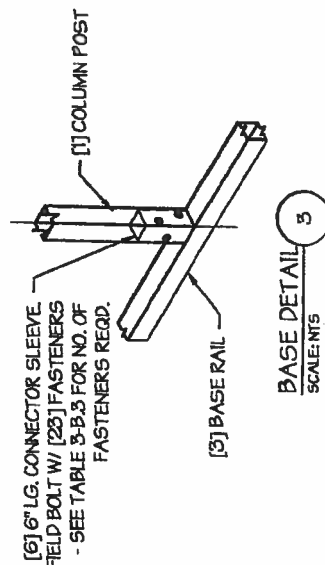


B. CHANNEL PEAK BRACE

PEAK BRACE DETAILS

SCALE: NTS

4



BASE RAIL

TABLE 3-B.1: PEAK BRACE SCHEDULE

BRACE TYPE	WIND SPEED (MPH)	WIND SPEED (MPH)	WIND SPEED (MPH)
	105 TO 130	140 TO 150	160 TO 180
□ 30 / 20	6'	10'	10'
□ 35 / 25 TO 80 / 61			

TABLE 3-B.2: KNEE BRACE SCHEDULE

WIND SPEED (MPH)	KNEE BRACE LENGTH
□ UP TO 8'	24"
□ 9 TO 12'	36"

TABLE 3-B.3 FASTENER SCHEDULE

WIND SPEED (MPH)	NO. OF FASTENERS
□ 105 TO 125	4
□ 130 TO 155	6
□ 160 TO 180	8

NOTE: COLUMN POST MAY BE ADJUSTED ±1" FOR LEVELING.
MANUFACTURER IS NOT RESPONSIBLE FOR LEVELING OF GROUND
AND/OR CONCRETE SURFACE PROVIDED BY OTHERS.

TABLE 4: FRAME SPACING SCHEDULE

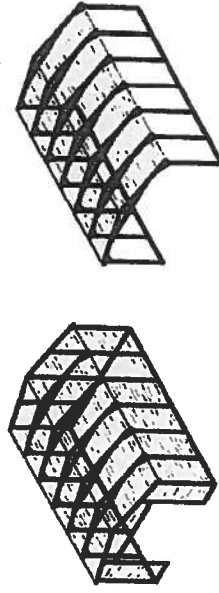
GROUND SNOW / ROOF LIVE LOAD (PSF)	ENCLOSED BUILDINGS										OPEN BUILDINGS									
	WIND SPEED (MPH)										WIND SPEED (MPH)									
	105	115	130	140	155	165	180	185	190	200	105	115	130	140	155	165	180	185	190	200
30 / 20	60	60	54/60	54	42	42	36	42	36	30	48	48	42	42	36	36	30	30	24	24
40 / 27	48/60	48/60	42/60	42/54	42	42	36	42	36	30	42	42	42	42	36	36	30	30	24	24
50 / 34	40/48	40/48	40/48	40/48	40/42	40/42	36	40/42	36	30	30	30	30	30	30	30	30	30	24	24
60 / 41	36	36	36	36	36	36	30	36	30	24	30	30	30	30	30	30	30	30	24	24
70 / 47	30	30	30	30	30	30	24	30	24	24	24	24	24	24	24	24	24	24	18	18
80 / 54	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	18	18
90 / 61	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30 / 20	60	60	54/60	54	42	42	36	42	36	30	54	54	48/54	42/54	36/48	36	36	30	24	24
40 / 27	48/60	48/60	42/60	42/54	42/48	42/48	36	42/48	36	30	42	42	42	42	36/42	36	30	30	24	24
50 / 34	40/48	40/48	40/48	40/48	40/42	40/42	30	40/42	30	24	36	36	36	36	36	36	30	30	24	24
60 / 41	36	36	36	36	36	36	24	36	24	24	30	30	30	30	30	30	30	30	24	24
70 / 47	30	30	30	30	30	30	24	30	24	24	24	24	24	24	24	24	24	24	18	18
80 / 54	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	18	18
90 / 61	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30 / 20	60	60	54/60	54	42	42	36	42	36	30	60	54/60	48/60	42/60	36/48	36	36	30	24	24
40 / 27	48/60	48/60	42/60	42/54	42/48	42/48	36	42/48	36	30	48	48	42/48	42/48	36/42	36	36	30	24	24
50 / 34	40/48	40/48	40/48	40/48	40/42	40/42	30	40/42	30	24	40/42	40/42	40/42	40/42	36/42	36	36	30	24	24
60 / 41	36	36	36	36	36	36	24	36	24	24	36	36	36	36	36	36	30	30	24	24
70 / 47	30	30	30	30	30	30	24	30	24	24	30	30	30	30	30	30	30	30	24	24
80 / 54	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	18	18
90 / 61	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

NOTES:

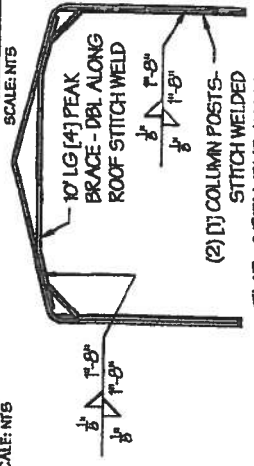
1. FRAME SPACINGS ARE IN UNITS OF INCHES (IN).
2. WHERE TWO VALUES ARE SHOWN, THE HIGHER VALUE CAN ONLY BE USED FOR VERTICAL BRACING.
3. SNOW LOADS AND ROOF LIVE LOADS ARE IN POUNDS PER SQUARE FOOT (PSF). WIND SPEED IS 3 SEC. GUST IN MILES PER HOUR (MPH).
4. FOR VALUES THAT LIE BETWEEN TWO CELLS, THE HIGHER (MORE STRINGENT) VALUE HAS TO BE USED. INTERPOLATION BETWEEN CELLS IS NOT ALLOWED.

GENERAL ENCLOSURE NOTES:

1. TYPICAL ENCLOSURE AND OPEN BUILDINGS ARE AS SHOWN ON THE RIGHT.
2. THE MAX. BUILDING LENGTH FOR ENCLOSURE BUILDINGS IS 50'-0". THIS CAN BE INCREASED BY ADDING A DOUBLE FRAME AT THE CENTER TO BREAK THE LENGTH OF THE BUILDING.
3. FOR ENCLOSURE BUILDINGS, ONE END WALL CAN BE OPEN IF THE OTHER END WALL IS ENCLOSED. THE OPEN END WALL MUST HAVE EITHER GABLE FRAMING (SEE SHEET 8A) OR A DOUBLE END FRAME - SEE TYP. OPEN END WALL ON 3 SIDE ENCLOSED BUILDING.
4. BUILDINGS WITH AN OPEN END WALL MUST HAVE A 10' PEAK BRACE ON ALL FRAMES.
5. OPEN BUILDINGS CAN HAVE PARTIALLY ENCLOSED SIDE WALLS UP TO 3' ENCLOSED.
6. ENCLOSED BUILDING WITH PARTIALLY ENCLOSED END WALLS NEED TO HAVE SIDE WALL BRACING TO SUPPORT THE PARTIALLY ENCLOSED END WALL. SEE SHEET 9 FOR TYPICAL BRACING DETAILS.



TYP. ENCLOSED BUILDING
SCALE: NTS



TYP. OPEN BUILDING
SCALE: NTS

MANUFACTURED BY:

Martinez Carports LLC
3402 SW Cypress Lake Rd.,
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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

**SPACING SCHEDULES
& ENCLOSURE NOTES**

SHEET NO.: 4 / 11

DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

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- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:



DATE EXPIRES: 02/28/2021

DATE SIGNED: MAR 12 2019

TABLE 5.1: PURLIN SPACING SCHEDULE

GROUND SNOW / ROOF LIVE LOAD (PSF)	14GA. HAT CHANNEL PURLIN										16GA. HAT CHANNEL PURLIN									
	WIND SPEED (MPH)										WIND SPEED (MPH)									
	105	115	130	140	150	165	180	195	210	225	105	115	130	140	150	165	180	195	210	225
30/20	54	48	42	36	30	24	24	24	24	24	36	30	24	18	18	18	12	12	12	12
40/27	42	42	42	36	30	24	24	24	24	24	30	30	24	18	18	18	12	12	12	12
50/34	40	40	40	36	30	24	24	24	24	24	30	24	24	18	18	18	12	12	12	12
60/41	36	36	36	36	30	24	24	24	24	24	18	18	18	18	18	18	12	12	12	12
70/47	32	32	32	32	30	24	24	24	24	24	18	18	18	18	18	18	12	12	12	12
80/54	30	30	30	30	30	24	24	24	24	24	18	18	18	18	18	18	12	12	12	12
90/61	24	24	24	24	24	24	24	24	24	24	18	18	18	18	18	18	12	12	12	12
30/20	54	48	42	42	36	30	30	30	30	30	48	36	30	24	18	18	18	12	12	12
40/27	42	42	42	42	36	30	30	30	30	30	42	36	30	24	18	18	18	12	12	12
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60/41	36	36	36	36	36	30	30	30	30	30	36	30	30	24	18	18	18	12	12	12
70/47	32	32	32	32	32	30	30	30	30	30	32	30	30	24	18	18	18	12	12	12
80/54	32	32	32	32	32	32	30	30	30	30	32	32	30	24	18	18	18	12	12	12
90/61	30	30	30	30	30	30	30	30	30	30	30	30	30	24	24	24	24	24	24	18
30/20	54	48	42	42	36	36	30	30	30	30	54	48	42	42	36	30	30	30	30	30
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60/41	36	36	36	36	36	36	30	30	30	30	36	36	36	36	36	36	30	30	30	30
70/47	32	32	32	32	32	32	30	30	30	30	32	32	32	32	32	32	32	32	32	30
80/54	32	32	32	32	32	32	32	30	30	30	32	32	32	32	32	32	32	32	32	30
90/61	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

NOTES:
1. PURLIN SPACING UNITS ARE IN INCHES.
2. FRAME SPACING NEEDS TO BE DETERMINED FROM TABLE 4.

TABLE 5.2: GIRT SPACING SCHEDULE

FRAME SPACING	WIND SPEED (MPH)									
	105	115	130	140	150	165	180	195	210	225
18'-0"	60	48	36	30	24	24	24	24	24	18
14'-6"	60	60	48	42	36	30	24	24	24	18
14'-0"	60	60	60	54	54	42	36	30	24	18
13'-6"	60	60	60	60	54	54	42	36	30	24
12'-0" TO 3'-0"	60	60	60	60	54	54	48	42	36	30

NOTES:
1. GIRT SPACING UNITS ARE IN INCHES.
2. THIS SCHEDULE IS TO BE USED FOR BOTH 14GA AND 18 GA PURLINS.
3. FRAME SPACING NEEDS TO BE DETERMINED FROM TABLE 4.

MANUFACTURED BY:

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

PURLIN & GIRT

SPACING SCHEDULES

SHEET NO.: 5 / 11

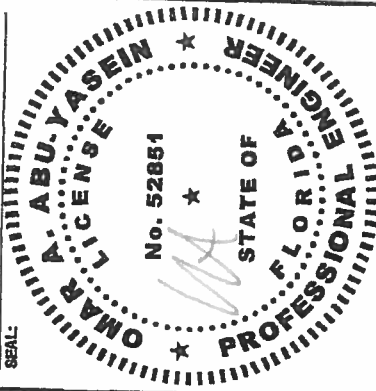
DRAWN BY: LAK DATE: 3/12/19

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- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:



DATE EXPIRES: 02/28/2021

DATE SIGNED: MAR 12 2019

MANUFACTURED BY:

Martinez Carports LLC
3402 SW Cypress Lake Rd.,
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ENGINEERED BY:



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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

**SHEATHING OPTIONS
& DETAILS**

SHEET NO.: 6 / 11

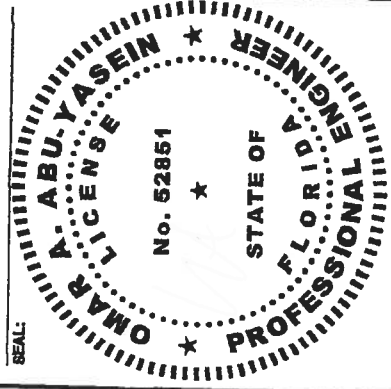
DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

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- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:

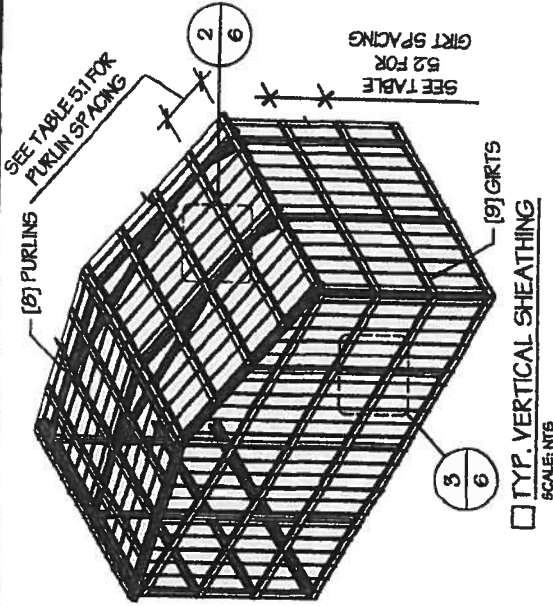


DATE EXPIRES: 02/28/2021

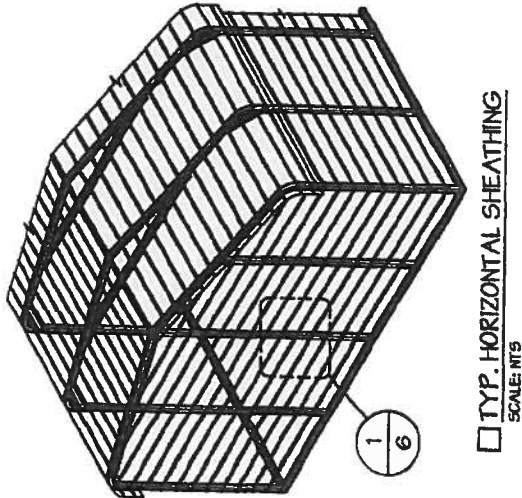
DATE SIGNED: MAR 12 2019

GENERAL SHEATHING NOTES:

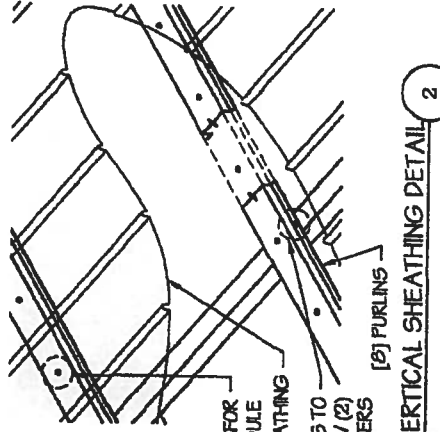
1. REGULAR STYLE BUILDINGS CAN ONLY HAVE HORIZONTAL SHEATHING ON ROOF AND WALLS.
2. A-FRAME STYLE BUILDINGS CAN HAVE ANY COMBINATION OF HORIZONTAL OR VERTICAL SHEATHING ON ROOFS AND WALLS.
3. BOTH HORIZONTAL AND VERTICAL ROOF SHEATHING CAN HAVE MAX. 6" OVERHANG.
4. USING VERTICAL SHEATHING MAY ALLOW FOR GREATER FRAME SPACING. SEE NOTE 2 UNDER TABLE 4.



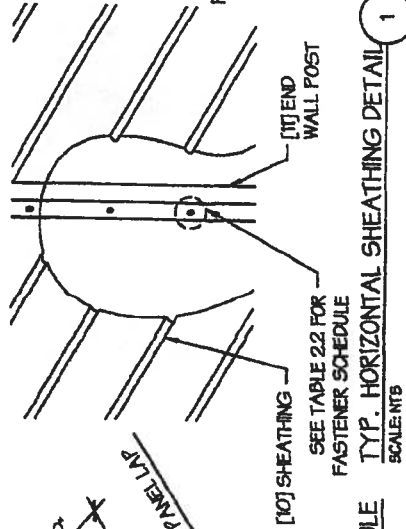
☐ TYP. VERTICAL SHEATHING
SCALE: NTS



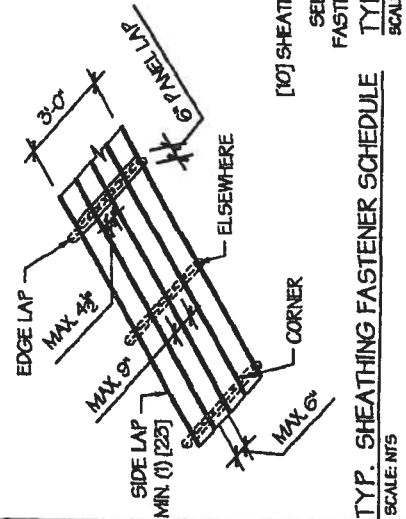
☐ TYP. HORIZONTAL SHEATHING
SCALE: NTS



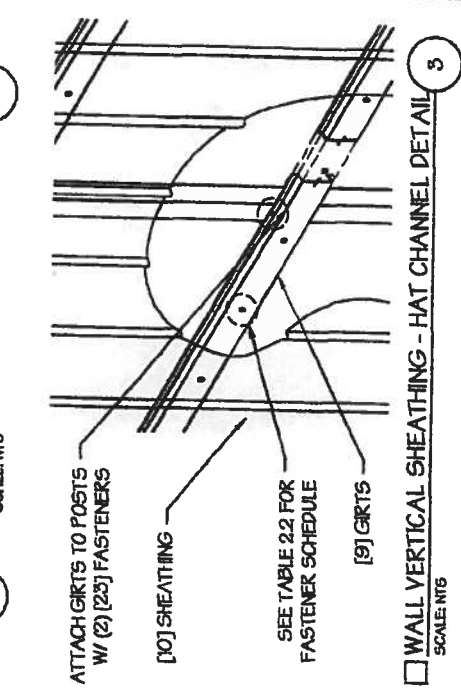
ROOF VERTICAL SHEATHING DETAIL
SCALE: NTS



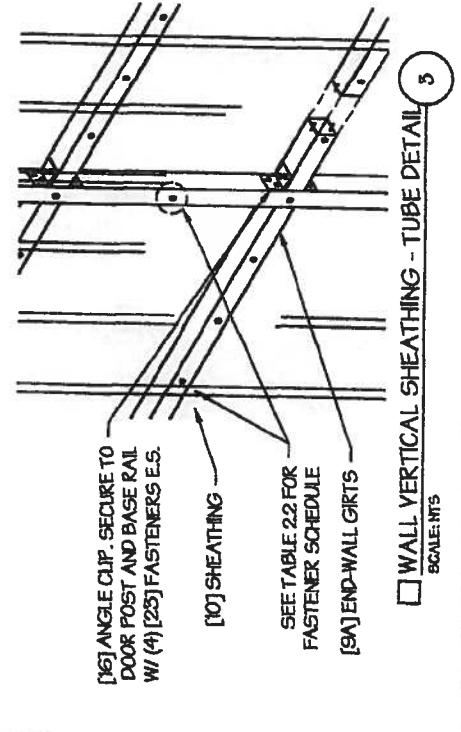
TYP. HORIZONTAL SHEATHING DETAIL
SCALE: NTS



TYP. SHEATHING FASTENER SCHEDULE
SCALE: NTS



WALL VERTICAL SHEATHING - HAT CHANNEL DETAIL
SCALE: NTS



WALL VERTICAL SHEATHING - TUBE DETAIL
SCALE: NTS

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

**SIDE WALL FRAMING
& OPENINGS**

SHEET NO.: 7-A / 11

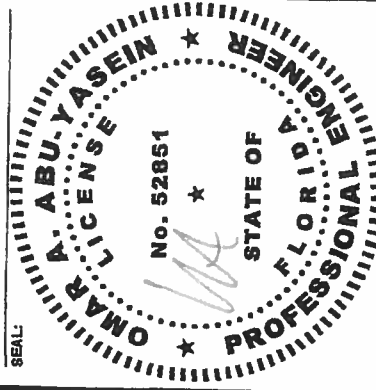
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LEGAL INFORMATION

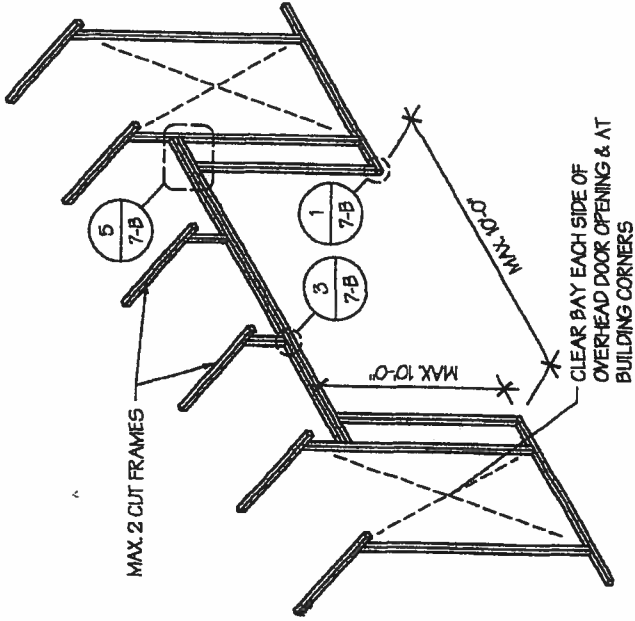
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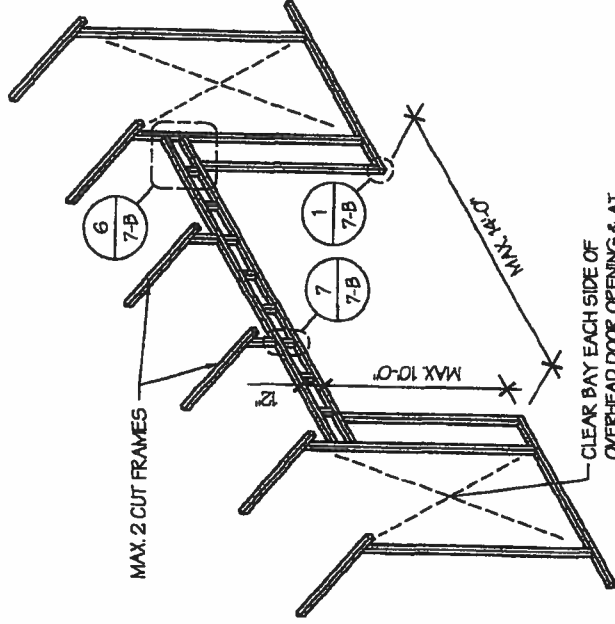
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CLEAR BAY EACH SIDE OF
OVERHEAD DOOR OPENING & AT
BUILDING CORNERS

☐ **SIDE WALL OVERHEAD DOOR OPENINGS**

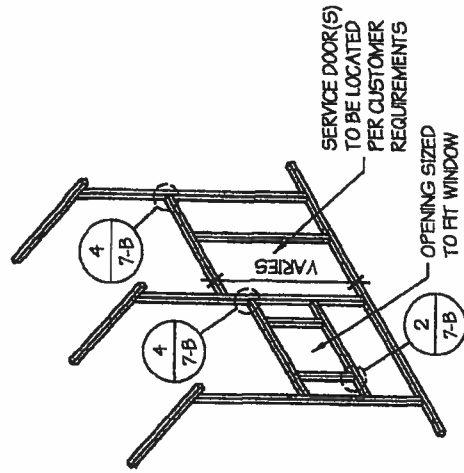
SCALE: NTS



CLEAR BAY EACH SIDE OF
OVERHEAD DOOR OPENING & AT
BUILDING CORNERS

☐ **SIDE WALL OVERHEAD DOOR OPENINGS
WITH TRUSS STYLE HEADER**

SCALE: NTS



☐ **SIDE WALL SERVICE DOOR / WINDOW OPENINGS**

SCALE: NTS

SIDE WALL FRAMING NOTES:

1. TRUSS-STYLE HEADERS ARE REQUIRED FOR WHERE THE GROUND SNOW LOAD IS 40 PSF OR GREATER.
2. DESIGNS AND DETAILS SHOWN HERE ARE APPLICABLE TO BOTH REGULAR AND A-FRAME STYLE BUILDINGS.
3. MAX. HEIGHT OF SIDE WALL OVERHEAD DOOR OPENINGS IS 2 FT LESS THAN THE EAVE HEIGHT.
4. OVERHEAD DOOR OPENINGS CANNOT CUT THROUGH MORE THAN 2 FULL FRAMES.
5. MIN. 1 CLEAR BAY MUST BE MAINTAINED BETWEEN ANY 2 OVERHEAD DOOR OPENINGS. A CLEAR BAY IS A SPACE BETWEEN TWO FRAMES THAT HAS NO OVERHEAD DOOR OPENINGS.
6. MIN. 1 CLEAR BAY MUST ALSO BE MAINTAINED FROM THE BUILDING CORNERS.
7. SERVICE DOORS AND WINDOWS CAN BE PLACED IN CLEAR BAYS OR ANY WHERE ELSE AS NEEDED.

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

**SIDE WALL FRAMING
DETAILS**

SHEET NO.: 7-B / 11

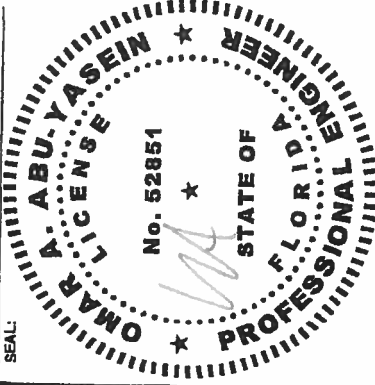
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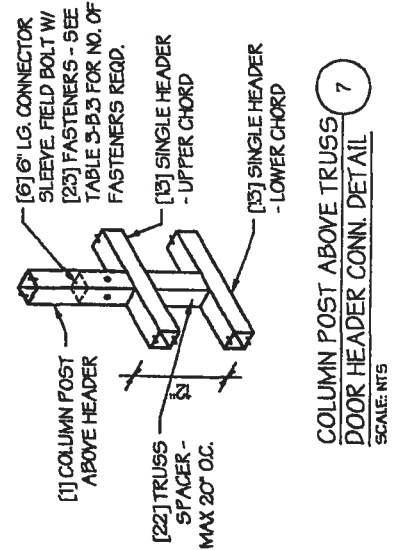
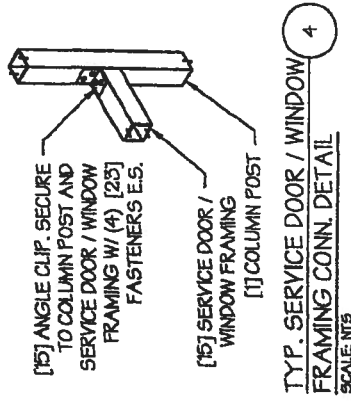
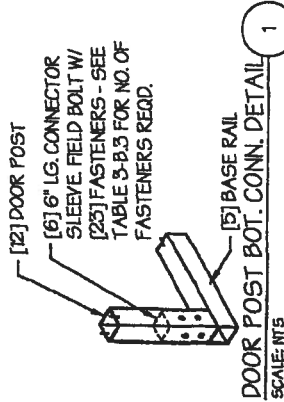
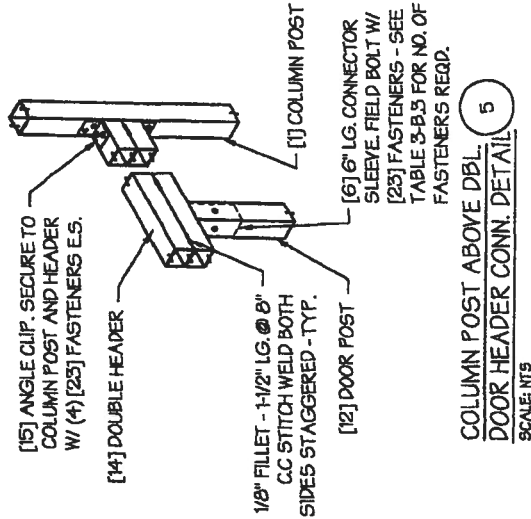
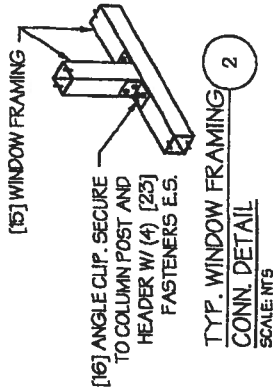
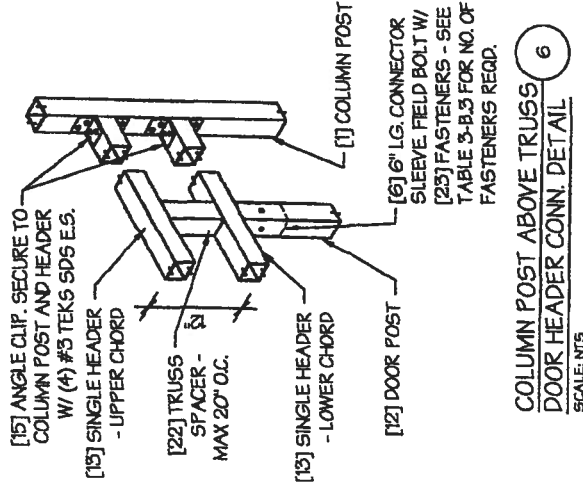
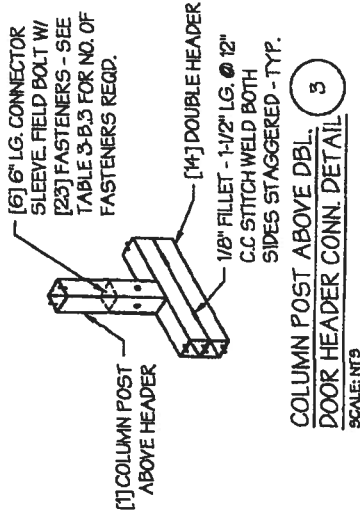
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DATE EXPIRES: 02/28/2021

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

END WALL FRAMING

SHEET NO.: B-A / 11

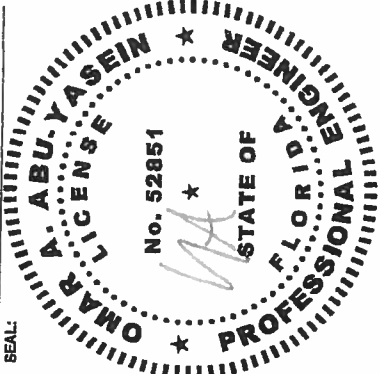
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LEGAL INFORMATION

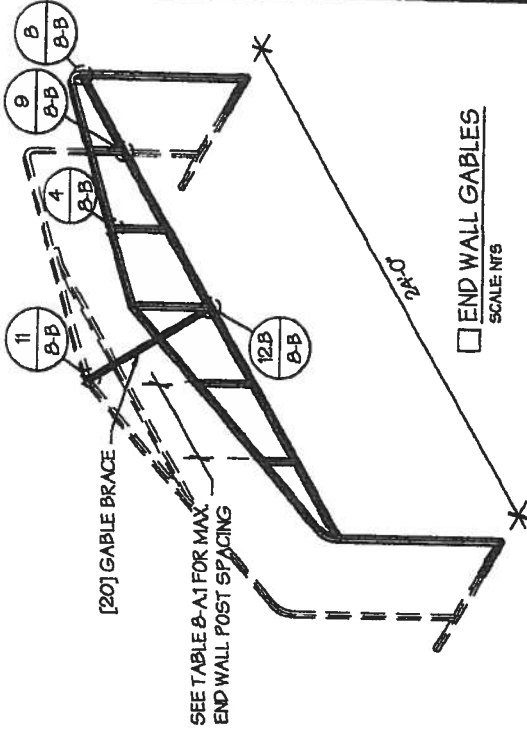
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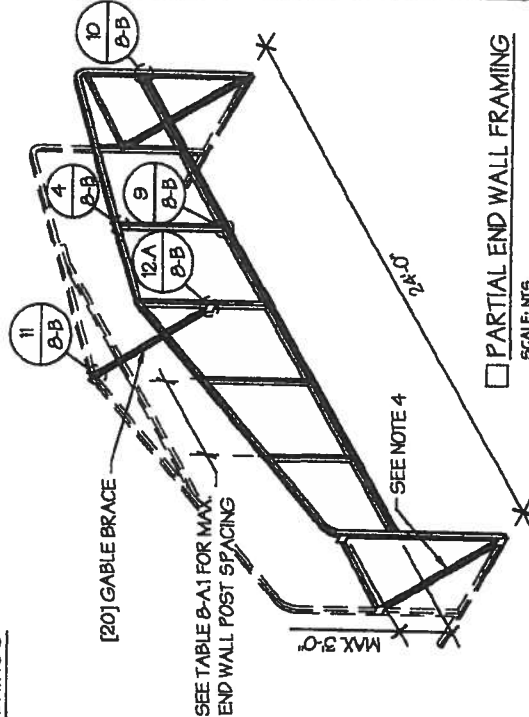


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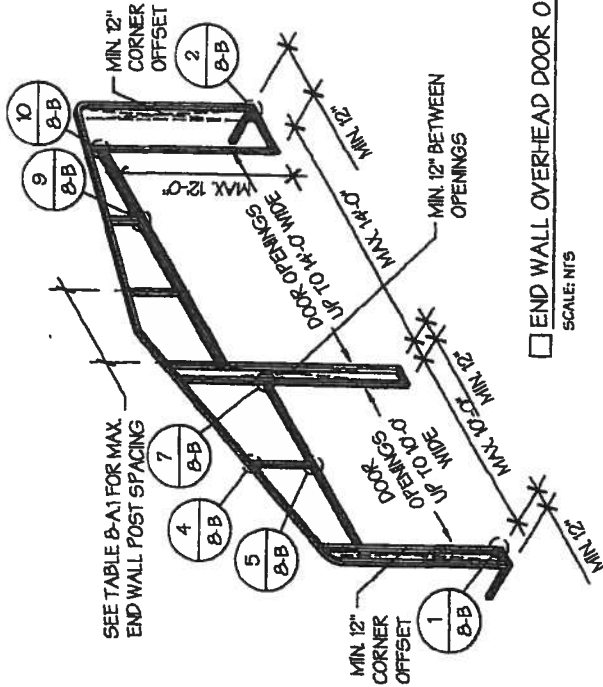
☐ END WALL GABLES
SCALE: NTS



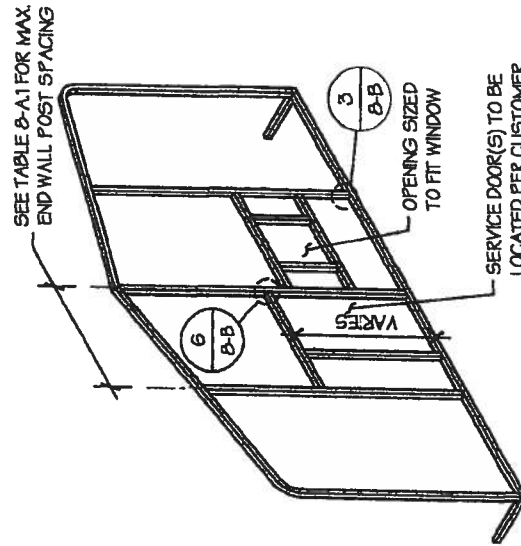
☐ PARTIAL END WALL FRAMING
SCALE: NTS

TABLE B-A1: END WALL POST
SPACING SCHEDULE

WIND SPEED (mph)	10-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50
105	5'	5'	5'	5'	5'	5'	5'	5'
115	5'	5'	5'	5'	5'	5'	5'	5'
130	4.5'	4.5'	4.5'	4.5'	4.5'	4'	4'	4'
140	4.5'	4.5'	4.5'	4.5'	4.5'	4'	3'	3'
155	4'	4'	4'	4'	4'	3'	2.5'	2'
165 - 180	3.5'	3.5'	3'	3'	3'	3'	2'	2'



☐ END WALL OVERHEAD DOOR OPENINGS
SCALE: NTS



☐ END WALL SERVICE DOOR AND WINDOW OPENINGS
SCALE: NTS

END WALL FRAMING NOTES:

- DESIGNS AND DETAILS SHOWN HERE ARE APPLICABLE TO BOTH REGULAR AND A-FRAME STYLE BUILDINGS.
- MIN. 12" CLEARANCE MUST BE MAINTAINED BETWEEN ANY TWO OPENINGS (OVERHEAD DOOR OR SERVICE DOOR) AND FROM CORNERS.
- SERVICE DOORS AND WINDOWS CAN BE PLACED AS NEEDED.
- DIAGONAL BRACES NEED TO BE ADDED FOR PARTIAL END WALL ENCLOSURES. SEE SHEET 9 FOR DIAGONAL BRACE CONNECTION DETAILS.

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

**END WALL FRAMING
DETAILS**

SHEET NO.: 8-B / 11

DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

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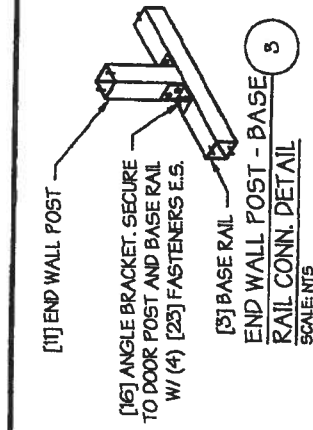
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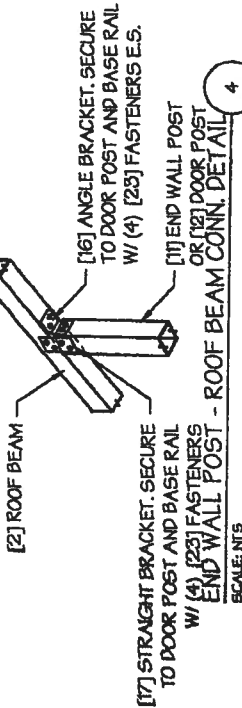


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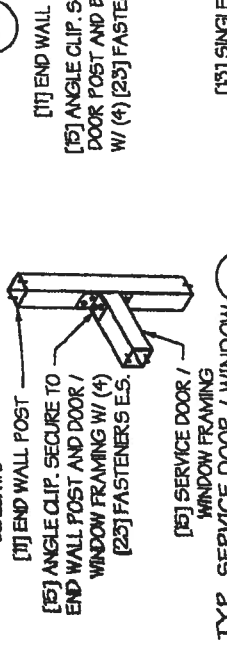
DATE SIGNED: MAR 12 2019



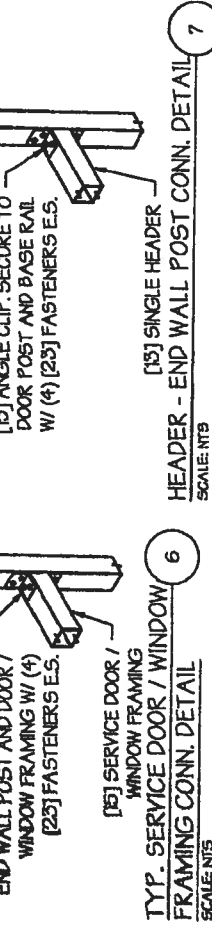
DOOR POST BASE RAIL CONN. DETAIL
SCALE: NTS



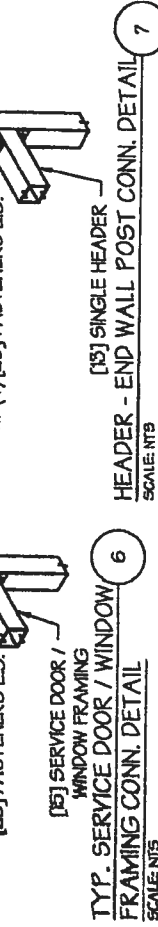
CORNER DETAIL
SCALE: NTS



END WALL POST ABOVE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE HEADER CONN. DETAIL
SCALE: NTS



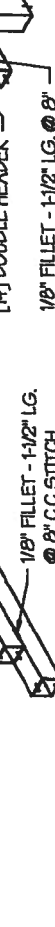
END WALL POST ABOVE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



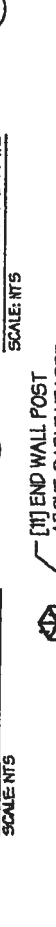
END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



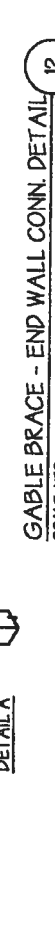
END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS



END WALL POST ABOVE DOUBLE HEADER CONN. DETAIL
SCALE: NTS

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

**CORNER BRACING
DETAILS**

SHEET NO.: 9 / 11

DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

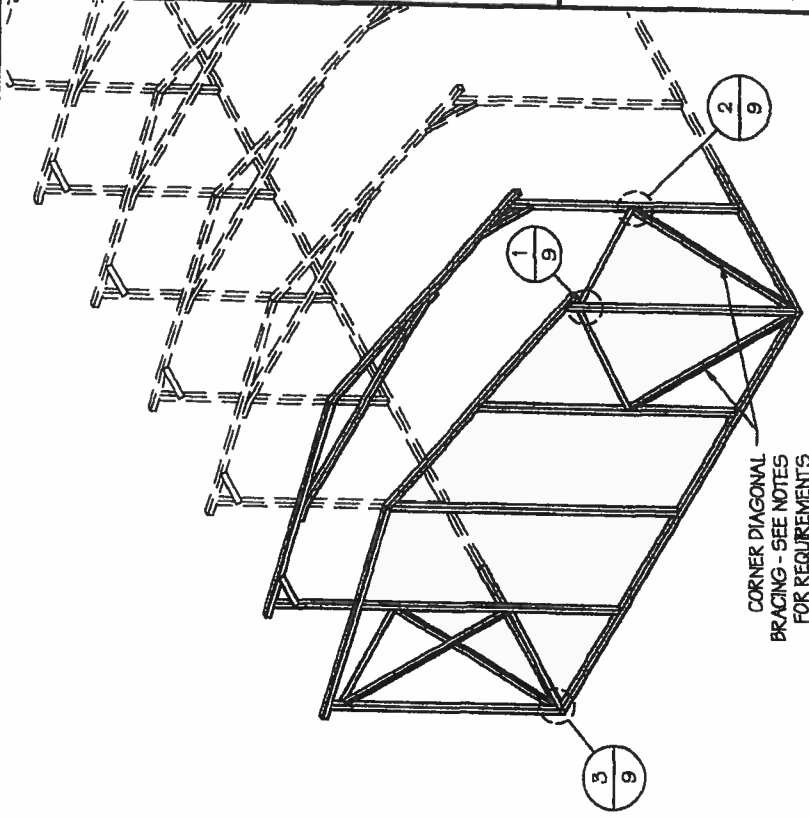
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DATE EXPIRES: 02/28/2021

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CORNER DIAGONAL
BRACING - SEE NOTES
FOR REQUIREMENTS

DIAGONAL BRACING AT CORNERS

SCALE: NTS

CORNER BRACING NOTES:

1. DIAGONAL BRACING AT BUILDING CORNERS IS REQUIRED FOR ALL BUILDINGS IN LOCATIONS WHERE WIND SPEED IS 140 MPH OR GREATER.
2. IF CORNER BRACING IS REQUIRED BUT THE BUILDING IS MISSING ONE OR MORE END WALLS THEN THE BUILDING MUST BE DESIGNED AS AN OPEN BUILDING AND SIDE WALL DIAGONAL BRACING IS REQUIRED (USE SPACING FOR OPEN BUILDING IN TABLE 4.1).
3. DIAGONAL BRACING IS ALSO REQUIRED ON THE CORNERS ON THE SIDE WALLS WHEN THE ADJACENT END WALL IS PARTIALLY ENCLOSED.

[2] ROOF BEAM

[21] DB BRACKET. SECURE TO
POST AND DIAGONAL BRACES W/
(7) [23] FASTENERS AS SHOWN

[1] COLUMN POST
AT CORNER
[19] DIAGONAL
BRACES

DIAGONAL BRACE TOP CORNER CONN. DETAIL "1"

SCALE: NTS

[1] COLUMN POST OR
[1] END WALL POST

[21] DB BRACKET. SECURE TO
POST AND DIAGONAL BRACES W/
(7) [23] FASTENERS AS SHOWN

[19] DIAGONAL BRACES

DIAGONAL BRACE - POST CONN. DETAIL "2"

SCALE: NTS

[1] COLUMN POST
AT CORNER

[21] DB BRACKET. SECURE TO
POST AND DIAGONAL BRACES W/
(7) [23] FASTENERS AS SHOWN

[19] DIAGONAL BRACES

[3] END WALL BASE RAIL
[3] SIDE WALL BASE RAIL

DIAGONAL BRACE BOT. CORNER CONN. DETAIL "3"

SCALE: NTS

* INSIDE VIEW SHOWN FOR CLARITY

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

OPTIONAL LEAN-TO
ADDITION

SHEET NO.: 10 / 11

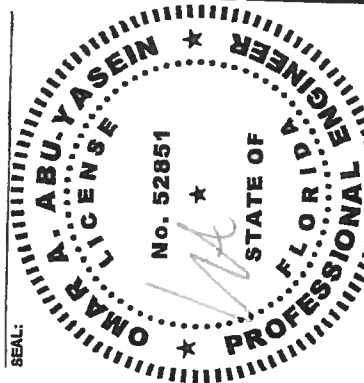
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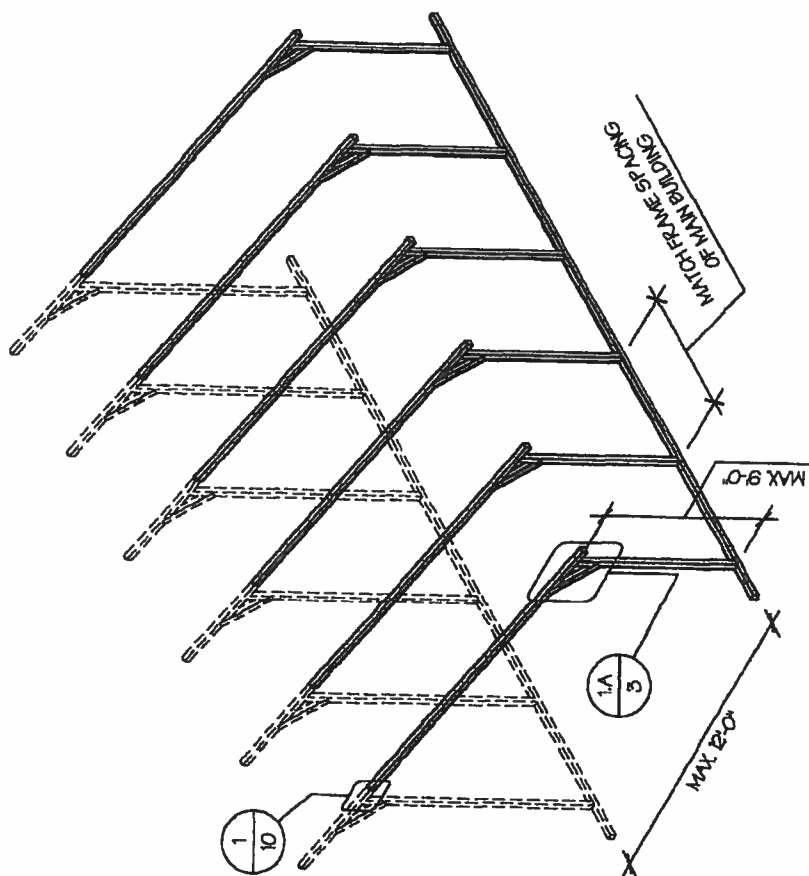
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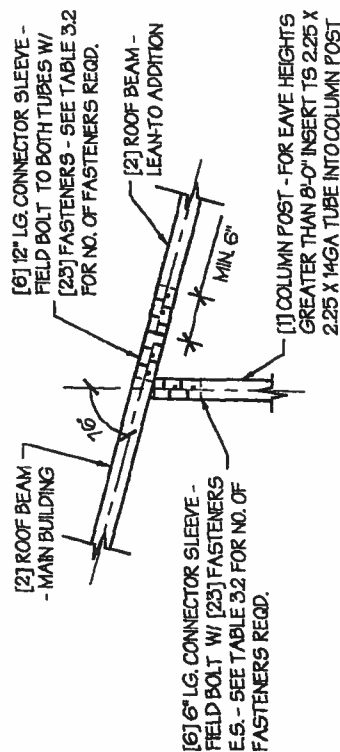


☐ OPTIONAL LEAN-TO ADDITION

SCALE: NTS

LEAN-TO ADDITION NOTES:

1. LEAN-TO ADDITIONS CAN BE ADDED ON EITHER OR BOTH SIDES OF THE BUILDING.
2. ROOF SLOPE, PURLIN, GIRT AND FRAME SPACING OF THE ADDITION HAVE TO MATCH THAT OF THE MAIN STRUCTURE.
3. IF THE LEAN-TO ADDITION IS "OPEN" (BOTH END WALLS OR SIDE WALL IS NOT ENCLOSED), THE DESIGN OF THE MAIN BUILDING HAS TO USE THE FRAME SPACING OF AN OPEN BUILDING FROM TABLE 4.



LEAN-TO ATTACHMENT DETAIL

SCALE: NTS

1

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

FOUNDATION OPTION 1:
CONCRETE SLAB

SHEET NO.: 11-A / 11

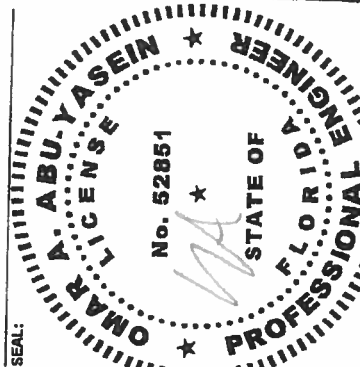
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1. DESIGNS SHOWN ON THIS SHEET ARE FOR CONCRETE SLAB FOUNDATION.
2. ANY OF THE FOUNDATIONS SHOWN ON SHEETS 11-A THRU D CAN BE USED. CONCRETE ANCHORS SHALL BE LOCATED NEXT TO EVERY POST AND ON EITHER SIDE OF OPENINGS. TWO ANCHORS SHALL BE INSTALLED AT CORNERS OF ENCLOSED BUILDINGS WITH END WALLS - ONE ON EACH BASE RAIL. IN LOCATIONS REQUIRING TWO ANCHORS DUE TO WIND, ONE ANCHOR IS TO BE ON EACH SIDE OF THE COLUMN POST.
3. ANCHORS IN CLOSE PROXIMITY TO EACH OTHER MUST HAVE A MIN. 4" SPACING.
4. MIN. NUMBER OF CONCRETE ANCHORS PER POST SHALL BE AS SHOWN IN TABLE 11-A.2.
5. THE SIZE OF THE SLAB SHALL BE THE SIZE (WIDTH AND LENGTH) OF THE BUILDING PLUS 5 $\frac{1}{2}$ " FOR 14GA MATERIAL AND 5 $\frac{3}{4}$ " FOR 12GA MATERIAL.
6. DEPTH OF SLAB TURN DOWN FOOTING SHALL BE GREATER THAN FROST DEPTH SPECIFIED PER LOCAL CODE.
7. CONTROL JOINTS SHALL BE PLACED SO AS TO LIMIT MAX. SLAB SPANS TO 20' IN EACH DIRECTION.
8. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 P/SF.
9. CONCRETE STRENGTH TO BE A MIN. OF 2500 PSI @ 28 DAYS.

CONCRETE SLAB FOUNDATION

SCALE: NTS

TABLE 11-A.2: CONCRETE
SLAB ANCHOR SCHEDULE

ENCLOSURE	WIND-SETLED (G.F.F.)	WIND-SETLED (G.F.F.)	WIND-SETLED (G.F.F.)
ENCLOSED	□105 TO 130	□120 X 7"	□120 X 7"
	□140 TO 160	□120 X 7"	□120 X 7"
	□105 TO 115	□120 X 7"	□120 X 7"
OPEN	□180 TO 190	□120 X 7"	□120 X 7"

NOTES:

1. ANCHORS ARE TO BE CONCRETE WEDGE OR EXPANSION ANCHORS.
2. MIN. EMBEDMENT DEPTH TO BE 2 $\frac{7}{8}$ "
3. ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.

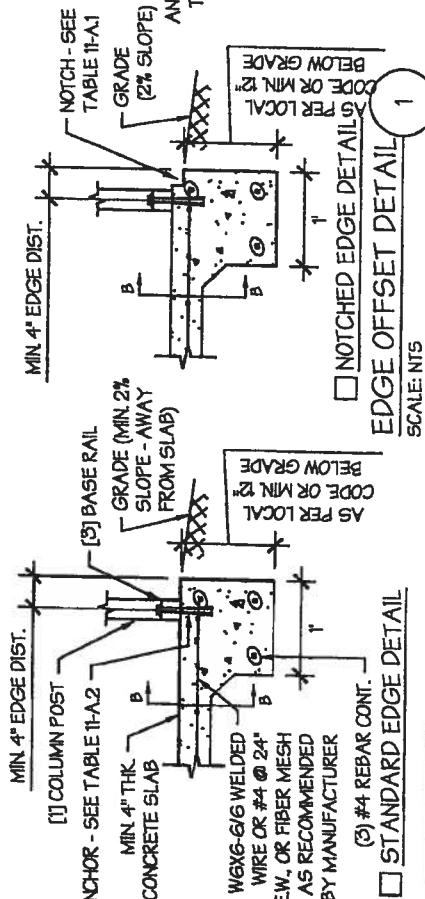
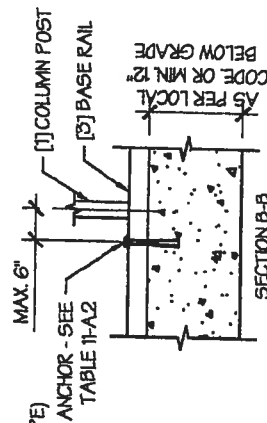
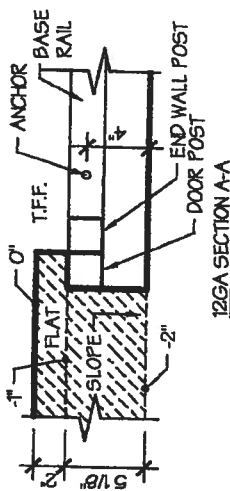
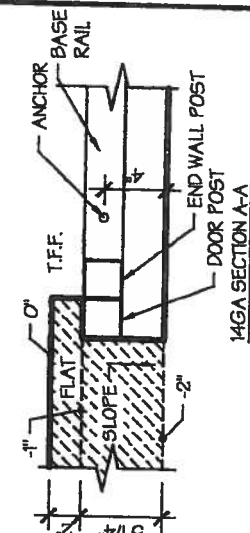
OVERHEAD DOOR NOTCH DETAIL

SCALE: NTS

TABLE 11-A.1: NOTCH WIDTH

111200HAI 40P2H	VERTICAL		
☐ 14GA	☐ 12GA	☐ 14GA	☐ 12GA
2 3/4"	2 7/8"	1 3/4"	1 7/8"

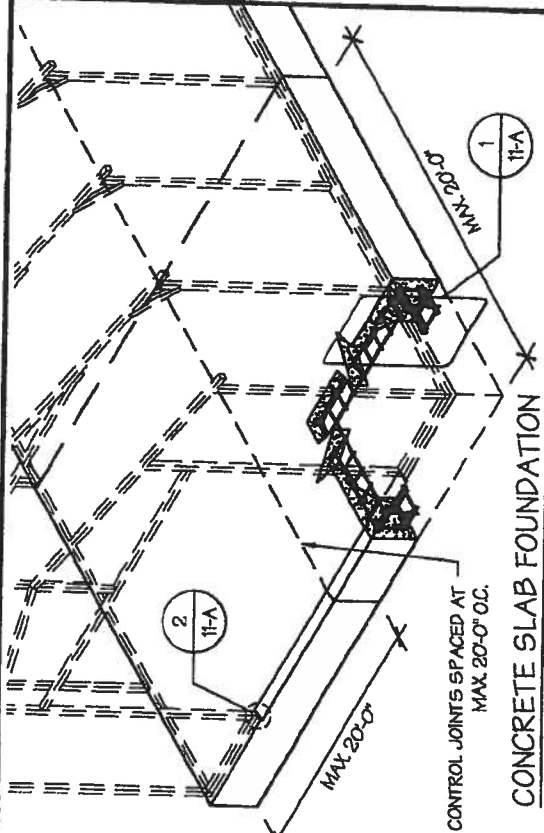
NOTE: DEPTH IS TO BE 1 1/2"



SCALE: NTS

CONCRETE SLAB FOUNDATION NOTES:

- DESIGNS SHOWN ON THIS SHEET ARE FOR CONCRETE SLAB FOUNDATION. ANY OF THE FOUNDATIONS SHOWN ON SHEETS 11-A THRU D CAN BE USED.
- CONCRETE ANCHORS SHALL BE LOCATED NEXT TO EVERY POST AND ON EITHER SIDE OF OPENINGS. TWO ANCHORS SHALL BE INSTALLED AT CORNERS OF ENCLOSED BUILDINGS WITH END WALLS - ONE ON EACH BASE RAIL IN LOCATIONS REQUIRING TWO ANCHORS DUE TO WIND. ONE ANCHOR IS TO BE ON EACH SIDE OF THE COLUMN POST. ANCHORS IN CLOSE PROXIMITY TO EACH OTHER MUST HAVE A MIN. 4" SPACING.
- MIN. NUMBER OF CONCRETE ANCHORS PER POST SHALL BE AS SHOWN IN TABLE 11-A.1.
- THE SIZE OF THE SLAB SHALL BE THE SIZE (WIDTH AND LENGTH) OF THE BUILDING PLUS $\frac{1}{2}$ " FOR 14GA MATERIAL AND 1" FOR 12GA MATERIAL.
- DEPTH OF SLAB TURN DOWN FOOTING SHALL BE GREATER THAN FROST DEPTH SPECIFIED PER LOCAL CODE.
- CONTROL JOINTS SHALL BE PLACED SO AS TO LIMIT MAX. SLAB SPANS TO 20' IN EACH DIRECTION.
- ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF. CONCRETE STRENGTH TO BE A MIN. OF 2500 PSI @ 28 DAYS.

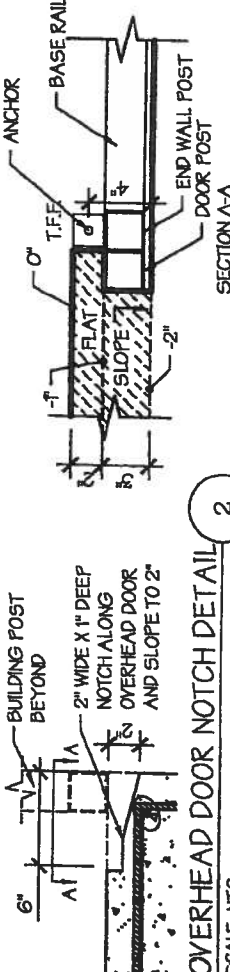


CONCRETE SLAB FOUNDATION
SCALE: NTS

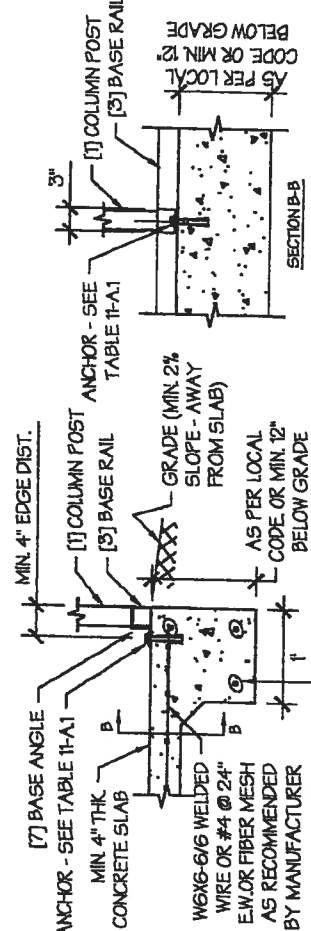
TABLE 11-A.1: CONCRETE
SLAB ANCHOR SCHEDULE

ENCLOSURE	WIND SPEED (MPH)	ANCHOR SCHEDULE
ENCLOSED	105 TO 130	(1) 1/2" Ø X 7"
	140 TO 160	(2) 1/2" Ø X 7"
OPEN	105 TO 115	(1) 1/2" Ø X 7"
	130 TO 160	(2) 1/2" Ø X 7"

- NOTES:
- ANCHORS ARE TO BE CONCRETE WEDGE OR EXPANSION ANCHORS.
 - MIN. EMBEDMENT DEPTH TO BE 2 $\frac{1}{2}$ ".
 - ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.



OVERHEAD DOOR NOTCH DETAIL
SCALE: NTS



EDGE FLUSH DETAIL
SCALE: NTS

MANUFACTURED BY:

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ENGINEERED BY:



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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS
LOCATION: STATE OF FLORIDA
PROJECT NO.: 300-19-0397
SHEET TITLE:

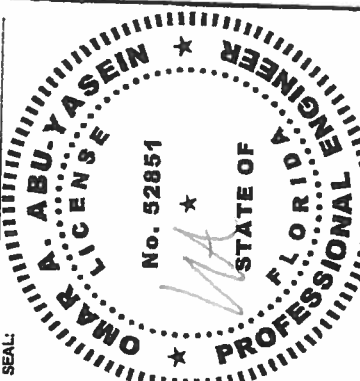
FOUNDATION OPTION 1:
CONCRETE SLAB

SHEET NO.: 11-A / 11
DRAWN BY: LAK DATE: 3/12/19
CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

- ANY DUPLICATION OF THIS DRAWING IN WHOLE OR PART IS STRICTLY FORBIDDEN. ANYONE DOING SO WILL BE PROSECUTED UNDER THE FULL EXTENT OF THE LAW.
- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:



DATE EXPIRES: 02/28/2021
DATE SIGNED: MAR 12 2019

TABLE 11-B.1: ANCHOR SCHEDULE

ENCLOSURE	WEDGED (EQ.)	ANCHOR SIZE/NUMBER
ENCLOSED	□105 TO 130	(1) 1/2" Ø X 7"
	□140 TO 160	(2) 1/2" Ø X 7"
OPEN	□105 TO 115	(1) 1/2" Ø X 7"
	□130 TO 160	(2) 1/2" Ø X 7"

NOTES:

1. ANCHORS ARE TO BE CONCRETE WEDGE OR EXPANSION ANCHORS.
2. MIN. EMBEDMENT DEPTH TO BE 2 $\frac{1}{2}$ ".
3. ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.

TABLE 11-B.2: CONC. STRIP SCHEDULE

WEDGED (EQ.)	WEDGED (EQ.)	WEDGED (EQ.)
□105 TO 130	15" X 12"	
□140 TO 155	24" X 12"	
□165 TO 180	30" X 12"	
	24" X 15"	
	20" X 18"	

NOTES:

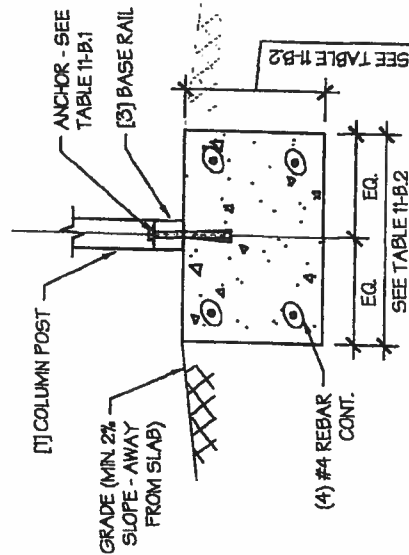
1. WIDTH AND DEPTH DIMENSIONS CAN BE INTERCHANGED.

FOOTING OPTIONAL AT OPEN
END WALLS AND OVERHEAD
DOOR OPENINGS

CONCRETE STRIP FOUNDATION
SCALE: NTS

CONCRETE STRIP FOUNDATION NOTES:

1. DESIGNS SHOWN ON THIS SHEET ARE FOR CONCRETE STRIP FOUNDATION. ANY OF THE FOUNDATIONS SHOWN ON SHEETS 11-A THRU D CAN BE USED.
2. CONCRETE ANCHORS SHALL BE LOCATED NEXT TO EVERY POST AND ON EITHER SIDE OF OPENINGS. TWO ANCHORS SHALL BE INSTALLED AT CORNERS OF ENCLOSED BUILDINGS WITH END WALLS - ONE ON EACH BASE RAIL. IN LOCATIONS REQUIRING TWO ANCHORS DUE TO WIND, ONE ANCHOR IS TO BE ON EACH SIDE OF THE COLUMN POST.
3. MIN. NUMBER OF CONCRETE ANCHORS PER POST SHALL BE AS SHOWN IN TABLE 11-B.1.
4. ANCHORS IN CLOSE PROXIMITY TO EACH OTHER MUST HAVE A MIN. 4" SPACING.
5. DEPTH OF CONCRETE STRIP FOOTING SHALL BE GREATER THAN FROST DEPTH SPECIFIED PER LOCAL CODE.
6. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.
7. CONCRETE STRENGTH TO BE A MIN OF 2500 PSI @ 28 DAYS.
8. BUILDING IS TO BE MOUNTED ON THE CENTER OF THE STRIP FOUNDATION.



CONCRETE STRIP FOUNDATION DETAIL
SCALE: NTS

1

MANUFACTURED BY:

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

FOUNDATION OPTION 2:

CONCRETE STRIP

SHEET NO.: 11-B / 11

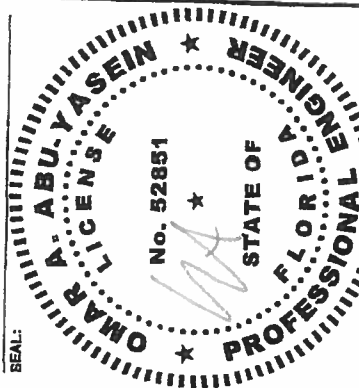
DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

- ANY DUPLICATION OF THIS DRAWING IN WHOLE OR PART IS STRICTLY PROHIBITED. ANYONE DOING SO WILL BE PROSECUTED UNDER THE PENALTIES OF THE LAW.
- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:



DATE EXPIRES: 02/28/2021

DATE SIGNED: MAR 12 2019

MANUFACTURED BY:

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ENGINEERED BY:



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5911 Renaissance Place, Suite B • Toledo, OH 43623

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

FOUNDATION OPTION 3:

CONCRETE PIERS

SHEET NO.: 11-C / 11

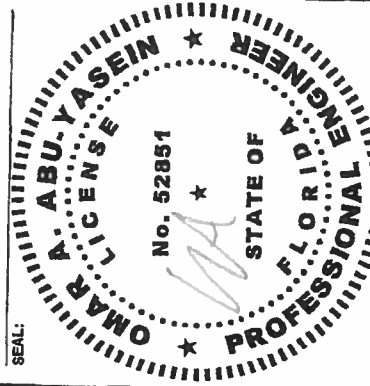
DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

- ANY DUPLICATION OF THIS DRAWING IN WHOLE OR PART IS STRICTLY PROHIBITED. ANYONE DOING SO WILL BE PROSECUTED UNDER THE FULL EXTENT OF THE LAW.
- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:



DATE EXPIRES: 02/28/2021

DATE SIGNED: MAR 12 2019

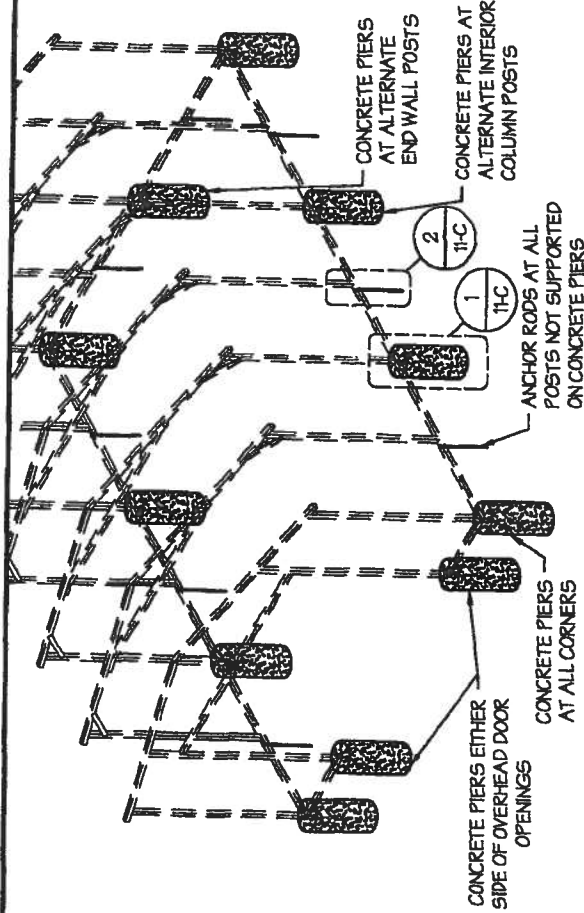


TABLE 11-C.2: ANCHOR SCHEDULE

ENCLOSURE	WEDGED (GALV)	ANCHORS
ENCLOSED	1105 TO 130	(1) 1/2" Ø X 7"
OPEN	1140 TO 150	(2) 1/2" Ø X 7"
	1105 TO 115	(1) 1/2" Ø X 7"
	1180 TO 150	(2) 1/2" Ø X 7"

NOTES:

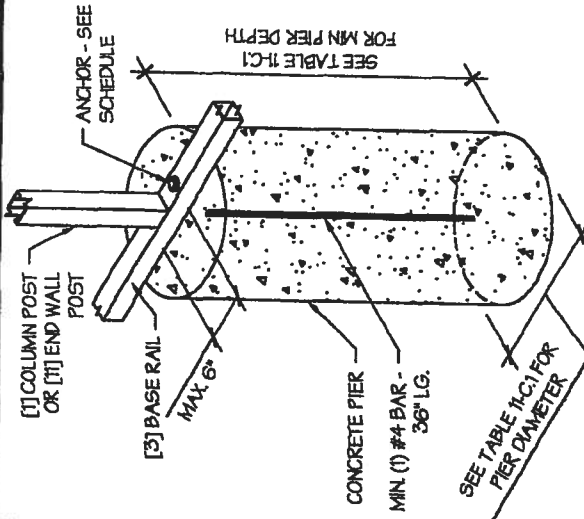
- ANCHORS ARE TO BE CONCRETE WEDGE OR EXPANSION ANCHORS.
- MIN. EMBEDMENT DEPTH TO BE 2 ϕ .
- ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.

CONCRETE PIER FOUNDATION

SCALE: NTS

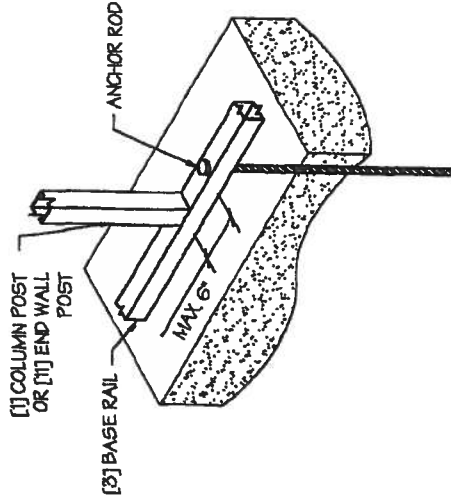
CONCRETE PIER FOUNDATION NOTES:

- DESIGNS SHOWN ON THIS SHEET ARE FOR CONCRETE PIER FOUNDATION. ANY OF THE FOUNDATIONS SHOWN ON SHEETS 11-A THRU D CAN BE USED.
- CONCRETE PIERS SHALL BE LOCATED AT ALL 4 CORNERS, ON EACH SIDE OF OVERHEAD DOOR OPENINGS AND ON ALTERNATE INTERIOR COLUMN POSTS AND END WALLS POSTS.
- TWO ANCHORS SHALL BE INSTALLED AT CORNERS OF ENCLOSED BUILDINGS WITH END WALLS - ONE ON EACH BASE RAIL. IN LOCATIONS REQUIRING TWO ANCHORS DUE TO WIND, ONE ANCHOR IS TO BE ON EACH SIDE OF THE COLUMN POST WITH A PIER.
- ANCHORS IN CLOSE PROXIMITY TO EACH OTHER MUST HAVE A MIN. 4" SPACING.
- MIN. NUMBER OF CONCRETE ANCHORS PER POST WITH A PIER SHALL BE AS SHOWN IN TABLE 11-C.2.
- TWO ANCHORS AND A PIER ARE REQUIRED AT DIAGONAL BRACING LOCATIONS WHEN REQUIRED.
- ALL POSTS NOT SUPPORTED ON CONCRETE PIERS SHALL BE ANCHORED TO THE GROUND WITH A 1/2" X 30" LG. THREADED ROD. RODS WILL HAVE A PRE-FORMED HEAD AT THE TOP AND ONE COAT OF RUST PROOF MATERIAL.
- PIERS SHALL BE FORMED BY DIGGING A HOLE OF THE SAME SIZE AS THE PIER ON LEVEL GRADE AND FILLING IT WITH CONCRETE. THRD. ROD ANCHORS SHOULD BE DROPPED INTO THE PIERS PRIOR TO POURING THE CONCRETE.
- ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.
- CONCRETE STRENGTH TO BE A MIN OF 2500 PSI @ 28 DAYS.



CONCRETE PIER DETAIL 1

SCALE: NTS



ANCHOR ROD INTO SOIL DETAIL 2

SCALE: NTS

TABLE 11-C.1: CONC. PIER SCHEDULE

WEDGED (GALV)	PIER SIZE
1105 TO 130	24" Ø X 36"
1140 TO 155	24" Ø X 42"
1165 TO 180	24" Ø X 48"

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DRAWING INFORMATION

PROJECT: 24'-0" WIDE BUILDINGS

LOCATION: STATE OF FLORIDA

PROJECT NO.: 300-19-0397

SHEET TITLE:

FOUNDATION OPTION 4:
SOIL ANCHORS

SHEET NO.: 11-D / 11

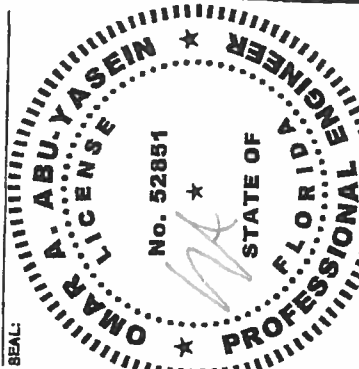
DRAWN BY: LAK DATE: 3/12/19

CHECKED BY: OAA DATE: 3/12/19

LEGAL INFORMATION

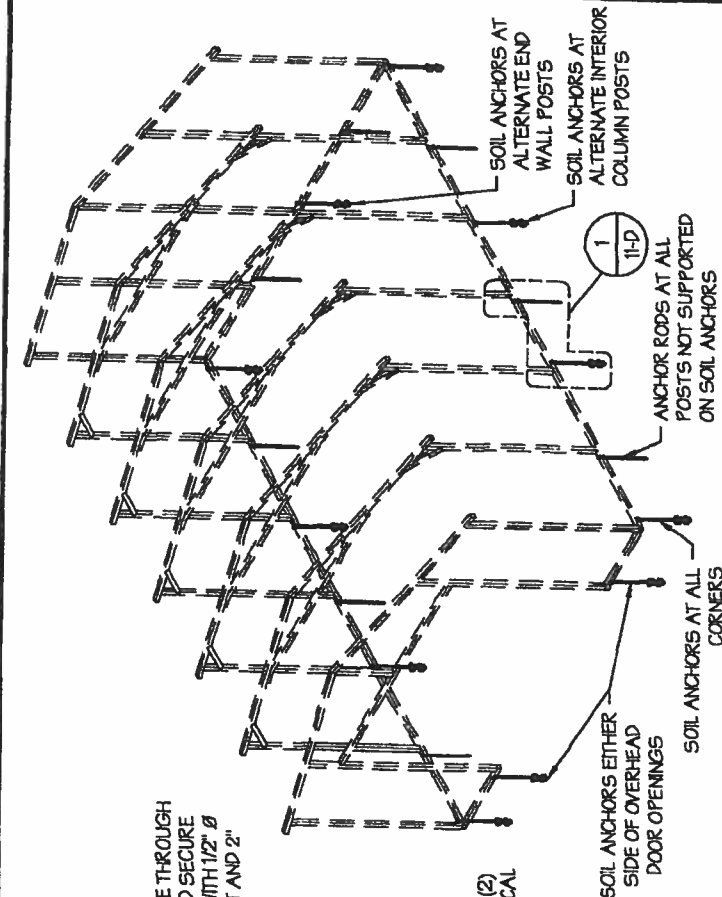
- ANY DUPLICATION OF THIS DRAWING IN WHOLE OR PART IS STRICTLY FORBIDDEN. ANYONE DOING SO WILL BE PROSECUTED UNDER THE FULL EXTENT OF THE LAW.
- DRAWINGS ARE VALID UP TO DATE OF EXPIRATION.

SEAL:

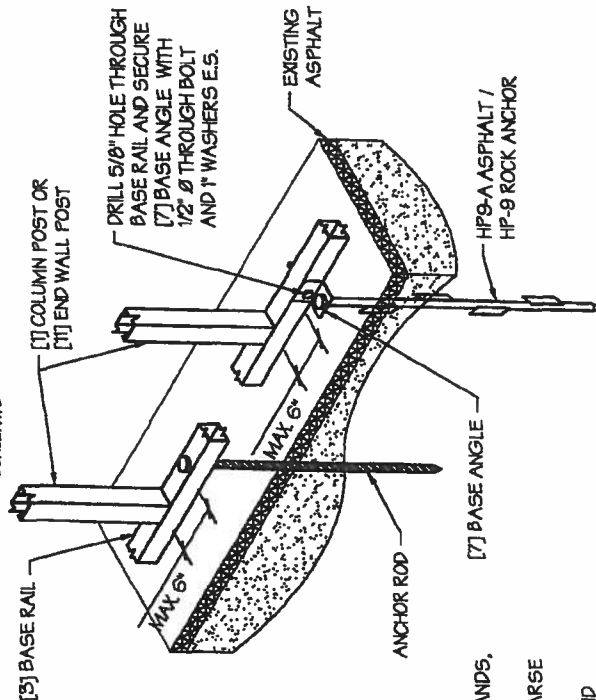


DATE EXPIRES: 02/28/2021

DATE SIGNED: MAR 12 2019



SCALE: NTS



SCALE: NTS

SOIL FOUNDATION NOTES:

1. DESIGNS SHOWN ON THIS SHEET ARE FOR SOIL ANCHOR FOUNDATION. ANY OF THE FOUNDATIONS SHOWN ON SHEET'S 11-A THRU D CAN BE USED.
2. SOIL ANCHORS (HELICAL OR ROCK/ASPHALT) SHALL BE LOCATED AT ALL 4 CORNERS. ON EACH SIDE OF OVERHEAD DOOR OPENINGS. ON POSTS WITH DIAGONAL BRACING IF REQUIRED, AND ON ALTERNATE INTERIOR COLUMN POSTS AND END WALLS POSTS.
3. HELICAL ANCHORS ARE TO BE USED ONLY IF THE DRIVING TORQUE INTO THE GROUND IS 150 FT-LBS OR GREATER. MANUFACTURER IS NOT RESPONSIBLE FOR SOIL QUALITY AT SITE.
4. HELICAL ANCHORS CAN ONLY BE USED FOR CLASS 2, 3 & 4 SOILS (SEE SOIL CLASSIFICATIONS THIS PAGE).
5. ALL POSTS WITH NO ANCHORS ADJACENT SHALL BE ANCHORED TO THE GROUND WITH A 1/2" X 30" LG. ROD. RODS WILL HAVE A PRE-FORMED HEAD AT THE TOP AND ONE COAT OF RUST PROOF MATERIAL.
6. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.

SOIL CLASSIFICATIONS:

SOIL CLASS	DESCRIPTION
2	SANDY GRAVEL AND GRAVEL, VERY THIN DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL/COBBLES, PRELOADED SILTS, CLAYS AND CORAL.
3	SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, MEDIUM DENSE COARSE SANDS, SANDY GRAVEL, VERY STIFF SILT AND SANDY CLAYS.
4	LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS AND ALLUVIAL FILLS.

*FROM HUD "MODEL MANUFACTURED HOME INSTALLATION STANDARDS"

☐ OPTION 1: HELICAL SOIL ANCHORS
SCALE: NTS

☐ OPTION 2: ROCK / ASPHALT ANCHORS
SCALE: NTS