

Columbia County New Building Permit Application

For Office Use Only Application # 43952 Date Received 11/4 By MG Permit # 38916
 Zoning Official LW Date 11-4-19 Flood Zone X Land Use RLO Zoning RSF-2
 FEMA Map # / Elevation / MFE / River / Plans Examiner J.C. Date 11-18-19
 Comments 1' above road See computer notes
☒ NOC ☒ EH ☒ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Well letter ☒ 911 Sheet ☐ Parent Parcel # /
☐ Dev Permit # / ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
☒ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☒ App Fee Paid ☒ Sub VF Form

Septic Permit No. X19-100 (in file box) OR City Water ☐ Fax /

Applicant (Who will sign/pickup the permit) Bruce Hart Phone 321-281-7497

Address 298 S.W. Plantation Terrace LLC 32025

Owners Name Bruce & Sandra Hart Phone 321-281-7497

911 Address 126 SW Colonial Pl Lake City FL 32025

Contractors Name Same Phone /

Address /

Contractor Email bruce-hart@comcast.net ***Include to get updates on this job.

Fee Simple Owner Name & Address /

Bonding Co. Name & Address /

Architect/Engineer Name & Address Mark Disosway P.E. Suite 103 Lake City, FL 32025

Mortgage Lenders Name & Address /

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

Property ID Number 12-45-16-02941-118 Estimated Construction Cost \$50,000

Subdivision Name Southern Landings Lot 18 Block / Unit / Phase /

Driving Directions from a Major Road Sisters Welcome to Brothers Lane to Plantation Terrace to Colonial Place.

Construction of Hanger Commercial ☐ OR ☒ Residential

Proposed Use/Occupancy Same 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 26' Side 45' Side 128' Rear 38'

Number of Stories 1 Heated Floor Area N/A Total Floor Area 2000 sq ft Acreage .54

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.

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.

Bruce Hart
Print Owners Name

Bruce Hart
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.

Bruce Hart
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)

Prepared by and return to:

Rob Stewart
Lake City Title
426 SW Commerce Drive, Ste 145
Lake City, FL 32025
(386) 758-1880
File No 2019-3129VB
Parcel Identification No 12-4S-16-02941-118

[Space Above This Line For Recording Data]

WARRANTY DEED

(STATUTORY FORM – SECTION 689.02, F.S.)

This indenture made the 20th day of September, 2019 between **Nicolas Cruz and Luz Cruz, Husband and Wife**, whose post office address is **16164 Amethyst Key Drive, Wimauma FL 33598**, of the County of Hillsborough, State of Florida, Grantors, to **Bruce A. Hart and Sandra Kay Hart, Husband and Wife**, whose post office address is **298 Southwest Plantation Terrace, Lake City, FL 32025**, of the County of Columbia, State of Florida, Grantees:

Witnesseth, that said Grantors, for and in consideration of the sum of TEN DOLLARS (U.S.\$10.00) and other good and valuable considerations to said Grantors in hand paid by said Grantees, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said Grantees, and Grantees' heirs and assigns forever, the following described land, situate, lying and being in Columbia, Florida, to-wit:

Lot 18, of SOUTHERN LANDINGS AVIATION SUBDIVISION, according to the Plat thereof, as recorded in Plat Book 7, Page 205-206, of the Public Records of Columbia County, Florida.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

Subject to taxes for 2019 and subsequent years, not yet due and payable; covenants, restrictions, easements, reservations and limitations of record, if any.

TO HAVE AND TO HOLD the same in fee simple forever.

And Grantors hereby covenant with the Grantees that the Grantors are lawfully seized of said land in fee simple, that Grantors have good right and lawful authority to sell and convey said land and that the Grantors hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever.

Columbia County Property Appraiser

Jeff Hampton

2020 Working Values

updated: 10/30/2019

Parcel: << 12-4S-16-02941-118 >>

Owner & Property Info

Result: 1 of 1

Owner	HART BRUCE A & SANDRA KAY HART 298 SW PLANTATION TERR LAKE CITY, FL 32025		
Site			
Description*	LOT 18 SOUTHERN LANDINGS AVIATION S/D. WD 1035-2569, WD 1395-192,		
Area	0.54 AC	S/T/R	12-4S-16E
Use Code**	VACANT (000000)	Tax District	2

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

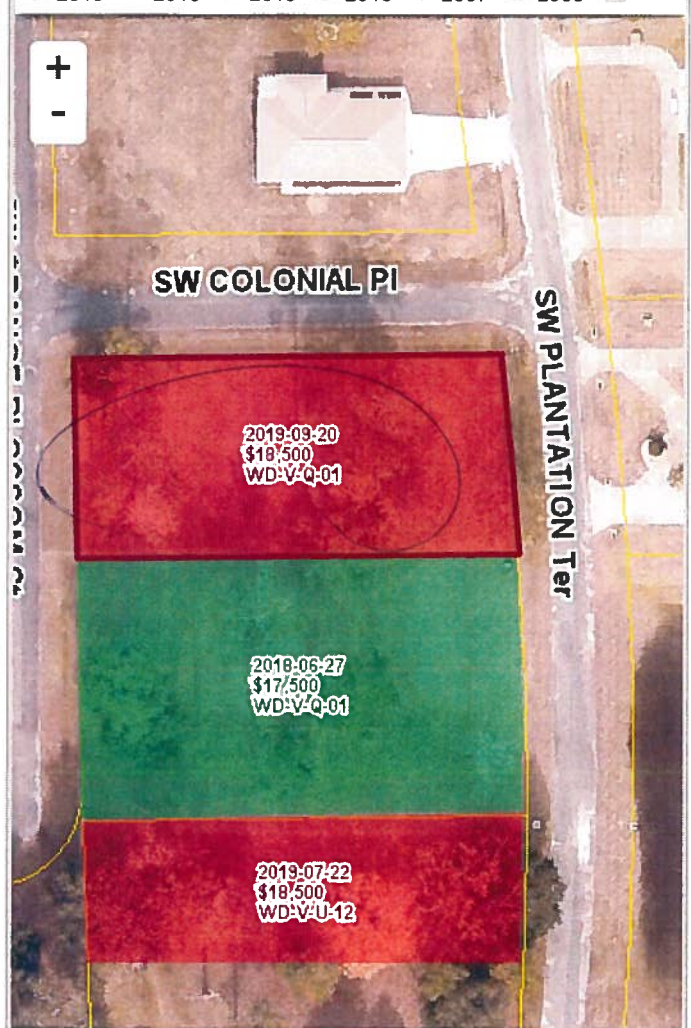
**The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

Property & Assessment Values

2019 Certified Values		2020 Working Values	
Mkt Land (1)	\$17,000	Mkt Land (1)	\$17,000
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (0)	\$0	Building (0)	\$0
XFOB (0)	\$0	XFOB (0)	\$0
Just	\$17,000	Just	\$17,000
Class	\$0	Class	\$0
Appraised	\$17,000	Appraised	\$17,000
SOH Cap [?]	\$0	SOH Cap [?]	\$0
Assessed	\$17,000	Assessed	\$17,000
Exempt	\$0	Exempt	\$0
Total Taxable	county:\$17,000 city:\$17,000 other:\$17,000 school:\$17,000	Total Taxable	county:\$17,000 city:\$17,000 other:\$17,000 school:\$17,000

Aerial Viewer Pictometry Google Maps

2019 2016 2013 2010 2007 2005 Sales



Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
9/20/2019	\$18,500	1395/0192	WD	V	Q	01
1/11/2005	\$50,000	1035/2569	WD	V	U	08

Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
NONE						

Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000000	VAC RES (MKT)	1.000 LT - (0.540 AC)	1.00/1.00 1.00/1.00	\$17,000	\$17,000

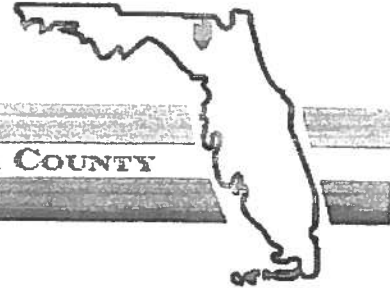
Search Result: 1 of 1

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

by: GrizzlyLogic.com

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY



Address Assignment and Maintenance Document

To maintain the county wide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for addressing and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Services Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County

Date/Time Issued:	10/7/2019 6:34:56 PM
Address:	126 SW COLONIAL PI
City:	LAKE CITY
State:	FL
Zip Code	32025
Parcel ID	02941-118

REMARKS: Address for proposed structure on parcel.

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION AND ACCESS INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION AND/OR ACCESS INFORMATION BE FOUND TO BE IN ERROR OR CHANGED, THIS ADDRESS IS SUBJECT TO CHANGE.

Address Issued By: **Signed:/ Matt Crews**

Columbia County GIS/911 Addressing Coordinator

**COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT**

263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125
Email: gis@columbiacountyfla.com

Legend

Roads

- Roads
- others
- Dirt
- Interstate
- Main
- Other
- Paved
- Private
- Parcels

LidarElevations



2018Aerials



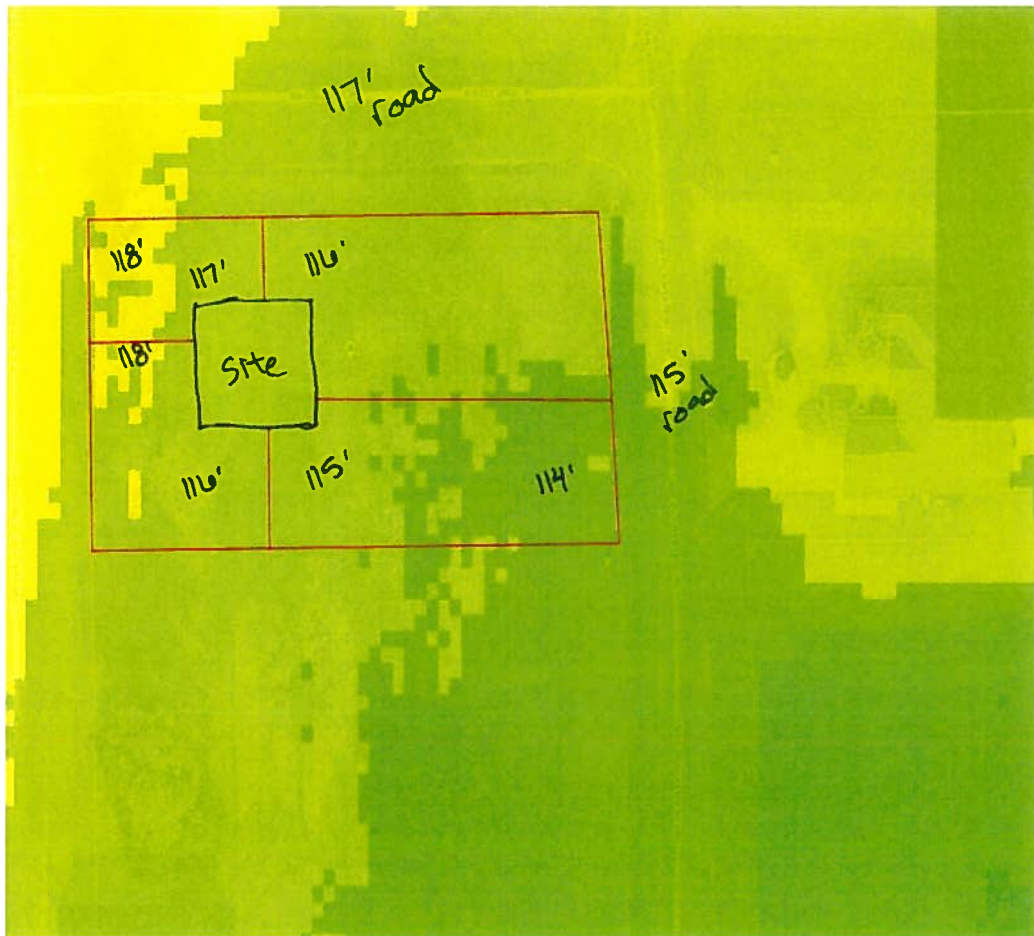
2018 Flood Zones

0.2 PCT ANNUAL CHANCE



Columbia County, FLA - Building & Zoning Property Map

Printed: Mon Nov 04 2019 14:49:03 GMT-0500 (Eastern Standard Time)



Parcel Information

Parcel No: 12-4S-16-02941-118

Owner: CRUZ NICOLAS & LUZ

Subdivision: SOUTHERN LANDINGS AVIATION

Lot: 18

Acres: 0.5401776

Deed Acres:

District: District 5 Tim Murphy

Future Land Uses: Residential - Low

Flood Zones:

Official Zoning Atlas: RSF-2

All data, information, and maps are provided "as is" without warranty or any representation of accuracy, timeliness of completeness. Columbia County, FL makes no warranties, express or implied, as to the use of the information obtained here. There are no implied warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts all limitations, including the fact that the data, information, and maps are dynamic and in a constant state of maintenance, and update.



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.

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:

126 S.W. Colonial Place

(Write in the address of jobsite property)

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.

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

☐ Other Hanger

☐ Contractor substantially completed project, of a _____

☐ Commercial, Cost of Construction _____ for construction of _____

I Bruce Hart, have been advised of the above disclosure
(Print Property Owners Name)

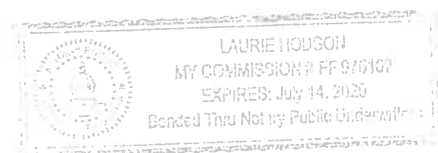
statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes allowing this exception for the construction permitted by Columbia County Building Permit.

Signature: Bruce Hart Date: 11-4-19
(Signature of property owner)

NOTARY OF OWNER BUILDER SIGNATURE

The above signer is personally known to me or produced identification FIDL

Notary Signature Laurie Hodson Date 11/4/19 (Seal)



SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # _____ JOB NAME _____

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

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

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

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

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

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

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

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

Clerk's Office Stamp

Inst: 201912025720 Date: 11/04/2019 Time: 11:18AM
Page 1 of 1 B: 1397 P: 2693, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
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.

1. Description of property (legal description): Parcel ID# 12-45-16-02941-110
a) Street (job) Address: 126 S.W. Colonial Place Lake City FL 32025
2. General description of improvements: Build hanger
3. Owner Information or Lessee information if the Lessee contracted for the improvements:
a) Name and address: Bruce Hart 298 S.W. Plantation Terrace Lake City, FL 32025
b) Name and address of fee simple titleholder (if other than owner) _____
c) Interest in property Owner
4. Contractor Information
a) Name and address: owner
b) Telephone No.: 321-281-7497
5. Surety Information (if applicable, a copy of the payment bond is attached):
a) Name and address: _____
b) Amount of Bond: _____
c) Telephone No.: _____
6. Lender
a) Name and address: _____
b) Phone No.: _____
7. 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.: _____
8. 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.: _____
9. 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

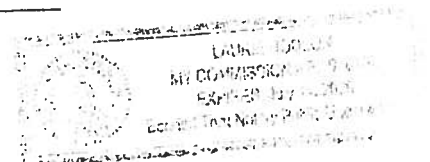
10. Bruce Hart
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

Bruce Hart
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 4th day of November, 2019, by:
Bruce Hart as self for _____
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known _____ OR Produced Identification 1 Type FDL

Notary Signature Laurie Hobson Notary Stamp or Seal:



BRUCE HART HOMES, LLC
LAKE CITY, FL
WIND LOAD CALCULATION
October 22, 2019

DOOR WIND LOAD CALCULATIONS

This structure has been designed in accordance with the requirements of the FLORIDA BUILDING CODE 6TH EDITION (2017) BUILDING, Chapter 16, Structural Loads. In accordance with Section 1606, the following wind load requirements were employed in the design of the structure.

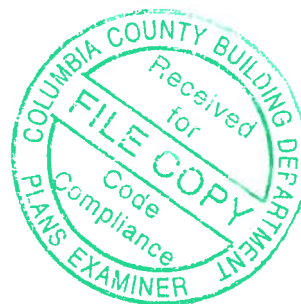
- Wind Load Requirements employed in the Design of the Structure
 - Ultimate Wind Speed: $V_{ULT} = 120$ MPH
 - Wind Borne Debris: NO
 - Basic Wind Speed: $V_{ASD} = 93$ MPH
 - Building Category II, Enclosed
 - Wind Exposure B

Door wind load calculations based on individual structural panels secured at top and bottom with rollers and pins with the door in the closed position whenever high winds are expected. Per Section 1606, wind forces and loads were determined using provisions of ASCE 7. Door wind load calculations meet ASCE 7 "Minimum Design Loads for Buildings and Other Structures" for building mean roof height under 20 ft.

Calculations are limited to FOLDTITE SYSTEMS, INC., FOLD-TITE STACKER System Door Series CSA-5.0 PLUS designed for:

BRUCE HART HOMES, LLC., 42 FT. 0 IN x 12 FT 0 IN
Fold-Tite Drawing # HAR_FT4212Q T102119
See Attached

To be installed:
Lake City, FL
Drawing #LMI_FT8024QT010519



1

William F. Stuhrke, PhD, P.E.
State of Florida PE # 22150

BRUCE HART HOMES, LLC
LAKE CITY, FL
WIND LOAD CALCULATION
October 22, 2019

WIND LOAD PRESSURE

Ultimate Wind Speed $V_{ULT} = 120$ MPH

Velocity pressure exposure coefficient exposure B (ASCE 7 Table 6-5)

$$K_z = 0.70$$

Topographic factor (ASCE 7 Eq. 6-1, Figure 6-2, no hill or escarpment)

$$K_{zT} = 1.0$$

Directionality (ASCE 7 Eq. 6-1, Table 6.6)

$$K_D = 0.85$$

Importance Factor

$$I = 1.0$$

Velocity pressure (ASCE 7 Eq. 6-13)

$$Q_z = 0.00256 \cdot K_z \cdot K_{zT} \cdot K_D \cdot V^2 \cdot I$$

$$Q_z = 21.9 \text{ lb} \cdot \text{ft}/\text{ft}^2$$

External pressure coefficient (ASCE 7 Figure 6-5A)

$$\text{Positive: } 0.7, \text{ Negative: } -0.8 \quad G_{CP} = -0.8$$

Internal pressure coefficient enclosed (ASCE 7 Table 6-7)

$$\text{Positive: } 0.18, \text{ Negative: } -0.18 \quad G_{CPI} = 0.18$$

DESIGN WIND PRESSURE (MAX.)

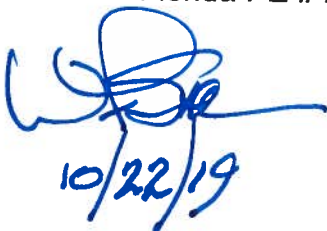
Components and cladding, mean building height under 60 ft

$$P = -Q_z \cdot (G_{CP} - G_{CPI})$$

$$P = 21.5 \text{ lb} \cdot \text{ft}/\text{ft}^2$$

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LAKE CITY, FL
WIND LOAD CALCULATION
October 22, 2019

ASD WIND LOAD FACTOR

$$P_{ASD} = 0.6 \cdot P$$

$$P_{ASD} = 12.9 \text{ lb} \cdot \text{ft}/\text{ft}^2$$

CRITICAL STRUCTURAL CONDITION

The critical structural condition for the door is the bending of the vertical members on the sides of the individual door panels. The critical panels are the center panels.

Panel Clear Span Height

$$H = 11 \text{ ft } 7.5 \text{ in}$$

$$H = 139.5 \text{ in}$$

Panel Width

$$W = 5 \text{ ft } 2.7 \text{ in}$$

$$W = 62.7 \text{ in}$$

Load on Vertical Edge Members

$$L = P_{ASD} \cdot W/2$$

$$L = 39.68 \text{ lb} \cdot \text{ft}/\text{ft}$$

$$L = 3.31 \text{ lb} \cdot \text{ft}/\text{in}$$

Moment on Vertical Edge Member

$$M_{MAX} = L \cdot H \cdot H/8$$

$$M_{MAX} = 5,368 \text{ lb} \cdot \text{in}$$

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Edge Member Properties

The edge member is a composite of two aluminum extrusions from KEYMARK CORPORATION, die number T-27743, Aluminum Alloy 6063 T-5 for FOLDTITE SYSTEMS #CSA-5.0 VERTICAL. The extrusion member has the following properties according to the KEYMARK CORPORATION.

$$I_x = 3.460 \text{ in}^4$$

$$I_y = 0.318 \text{ in}^4$$

$$S_x = 1.375 \text{ in}^3$$

$$S_y = 0.213 \text{ in}^3$$

Aluminum Properties Alloy 6063 T-5

$$F_{YALLOWABLE} = 14,000 \text{ lb / in}^2$$

Moment Allowable

$$M_{ALLOWABLE} = S_x \cdot F_y$$

$$M_{ALLOWABLE} = 19,250 \text{ lb} \cdot \text{in}$$

THEREFORE, THE MEMBER IS ADEQUATE

HANGER BOLTS AND LOCK PINS

Loading on Hangers

Door Width (DW)

$$DW = 42 \text{ ft } 5.09 \text{ in}$$

Door Height (DH)

$$DH = 11 \text{ ft } 7.5 \text{ in}$$

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Hanger Spacing (HS)

$$HS = 5 \text{ ft } 2.7 \text{ in}$$

Lock Pin Spacing (LPS)

$$LPS = 5 \text{ ft } 2.7 \text{ in}$$

Drop Pin Spacing (DPS)

$$DPS = 5 \text{ ft } 2.7 \text{ in}$$

Number of Pins = 7 each

Door Weight (DW)

$$DW = 1.99 \text{ lb/in}$$

Wind Loading (P)

$$P = 12.9 \text{ lb} \cdot \text{ft}/\text{ft}^2$$

Dead Load / Hanger (DLH)

$$DLH = 138.8 \text{ lb} \cdot \text{ft}$$

Wind Load at Verticals (WLV)

$$WLV = 391.8 \text{ lb} \cdot \text{ft}$$

HANGER BOLTS, LOCK PINS LOADING & SIZE

Load capacity of threaded hanger rods/bolts, based on an allowable bolt stress (ABS) of $9,000 \text{ lb} \cdot \text{ft}/\text{in}^2$ Grade 2

$$\text{Bolt Length} = 7.00 \text{ in, Bolt Diameter} = \frac{1}{2} \text{ in}$$

$$\text{Bolt Area} = 0.13 \text{ in}^2, \text{ Max Allowable Load} = 1,100 \text{ lb} \cdot \text{ft}$$

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Bolt Stresses for Applied Loads

$$\text{Axial Tension Stress (ATS)} = \text{DLH/BA}$$

$$\text{ATS} = 1067.7 \text{ lb/in}^2$$

$$\text{Shear Stress (SS)} = \text{WLV/BA}$$

$$\text{SS} = 3,548 \text{ lb/in}^2$$

Combined Stress

$$\text{CS} = \text{ATS/ABS} + \text{SS/ABS} \leq 1.0$$

$$\text{CS} = .519$$

THEREFORE, THE HANGER BOLTS ARE ADEQUATE

DROP LOCK PINS

Load capacity of drop lock pins, based on allowable pin stress (APS) of 9,000 lb • ft/in²

$$\text{Pin Diameter} = \frac{1}{2} \text{ in}$$

$$\text{Pin} = 0.196 \text{ in}^2$$

Pin Stress for Applied Load

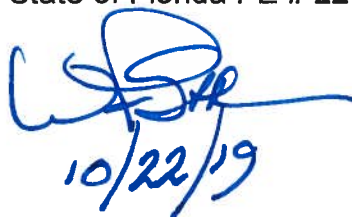
$$\text{SS} = 2,354 \text{ lb/in}^2$$

THEREFORE, THE DROP PINS ARE ADEQUATE

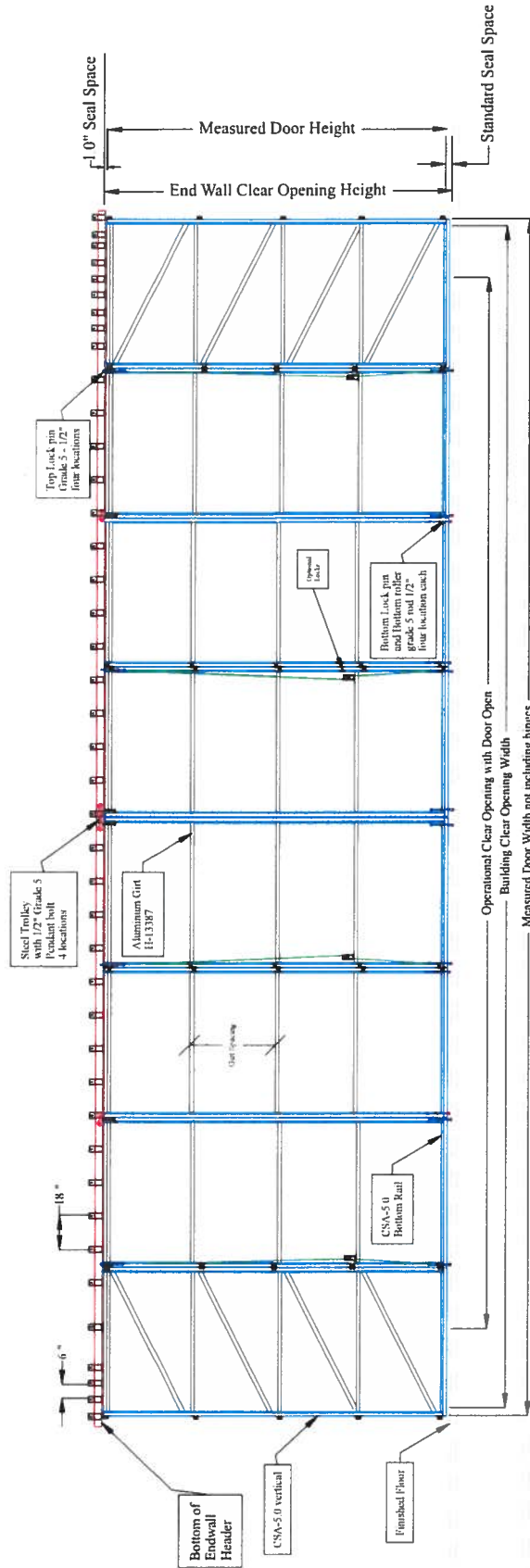
THEREFORE, THE DOOR DESIGN IS ADEQUATE

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State of Florida PE # 22150



NOT TO SCALE



Feet	Inches	Specifications for Print Dimensions	10/21/2019
42	0	Building Framed Opening Width	Door Series
12	0	Framed Opening Height	CSA-5.0 Plus
5	2.20	Outboard Hinged Panel	Total Panels
5	2.70	Standard Sliding Panel Width	Panel Qty
5	6.699	Center Panels	Panel Qty
3	5.72	Fold Tite Stack Dimension	Panel Qty
42	5.09	Measured Door Width with 2.75" Lap and 1/2" between center panels	
42	10.89	Overall Width required for door operation	
39	5.17	Operational Clear Opening with Door Open (overall width minus stack)	
	1.5	Seal Space Under Door	
	6	Space required for Door Installation on Front face of Header	
11	9.51	Measured Door Height	
11	7.5	Sheeting Height (For Covering Supplied By Others) Confirm at Site	
11	7.5	Actual Length of Vertical as shipped	
2	8.69	Horizontal Girt Spacing between girts	Girt Qty
		Rollers for recessed guide supplied, channel in concrete required	4

ENGINEERING
William F. Stuhre, PhD, P.E.
State of Florida PE # 22150
12215 Rebeccas Run Dr.
Winter Garden, FL 34787
(407) 920-3119

[Signature]
10/22/19

Approved as Is

Date

Approved with Changes Noted:

Date:

Fold Tite Sys, Inc.	Fold-Tite Stacker System
Actual System 8 Panel - 4 Girt Plus Bottom Rail	Bruce Hart Homes LLC 126 SW Colonial Place Lake City, FL 32025
Door System CSA-5.0 Plus	HAR_FT4212Q T102119



Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: 2140857 - Bruce Hart - Hanger 2

MiTek USA, Inc.

6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: Bruce Hart O/B Project Name: 2140857 Model: Hanger 2
Lot/Block: Subdivision:
Address: 126 SW Colonial Place
City: Columbia County State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

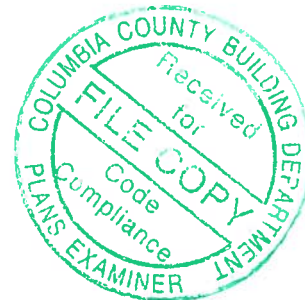
Name: unknown at time of seals License #: unknown at time of seals
Address: unknown at time of seals
City: unknown at time of seals State: unknown at time of seals

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 120 mph
Roof Load: 40.0 psf Floor Load: N/A psf

This package includes 18 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T18427994	CJ1	10/21/19
2	T18427995	CJ3	10/21/19
3	T18427996	CJ5	10/21/19
4	T18427997	EJ7	10/21/19
5	T18427998	EJ9	10/21/19
6	T18427999	EJ9A	10/21/19
7	T18428000	HJ10	10/21/19
8	T18428001	T01	10/21/19
9	T18428002	T02	10/21/19
10	T18428003	T03	10/21/19
11	T18428004	T04	10/21/19
12	T18428005	T05	10/21/19
13	T18428006	T06	10/21/19
14	T18428007	T07	10/21/19
15	T18428008	T08	10/21/19
16	T18428009	T09	10/21/19
17	T18428010	T10	10/21/19
18	T18428011	T10G	10/21/19

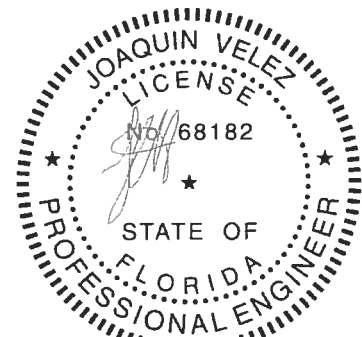


The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Builders FirstSource-Jacksonville.

Truss Design Engineer's Name: Velez, Joaquin

My license renewal date for the state of Florida is February 28, 2021.

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

October 21, 2019

Florida Product Approval #s

<u>Windows</u>	Ply Gem, Single Hung	FL#	FL-14039
<u>Exterior Door</u>	Masonite - - -	FL#	FL-4904-R7
<u>Garage Door</u>	Clopax - - -	FL#	FL-6218, 19
<u>Vinyl Siding</u>	Kaycan - - -		FL-15867-R1
<u>Roof Shingles</u>	Tamko - - -		FL-18355
<u>Tiger Paw Underlayment</u>	- - GAF		FL-15487-R5
<u>Kaycan</u>	Aluminum Soffit - -		FL-16503
<u>Simpson</u>	<u>straps</u> LSTA-MSTA-SPH4		FL-13872-R2

