DATE 03/08/2006

Columbia County Building Permit

PERMIT 000024204

This Permit Expires One Year From the Date of Issue

APPLICANT FREDRICK HAMMOND PHONE 352-283-0000

ADDRESS PO BOX 1201 NEWBERRY FL 32669

OWNER WILLIAM & JOYCE CARTER PHONE 497-1298

ADDRESS 968 SW BLUFF DR FORT WHITE FL 32038

CONTRACTOR FREDRICK HAMMOND PHONE 352-283-0000

LOCATION OF PROPERTY 47 S, R HOLLINGSWORTH BLUFF, R BLUFF TO 968

ON THE LEFT SIDE

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 75000.00

HEATED FLOOR AREA 1500.00 TOTAL AREA 1500.00 HEIGHT 23.60 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 10/12 FLOOR SLAB

LAND USE & ZONING ESA-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 10.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE AE DEVELOPMENT PERMIT NO. 06-005

PARCEL ID 18-7S-16-04236-062 SUBDIVISION CEDAR SPRINGS SHORES

LOT 33 BLOCK PHASE UNIT 5 TOTAL ACRES 1.50

		CGC017682		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING	06-0131-E	BK	JH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ONE FOOT RISE LETTER INCLUDED, FINISHED FLOOR ELEVATION CERTIFICATION MINIMUM OF 37 FEET BEFORE POWER, VARIENCE 235 APPROVED

Check # or Cash 4134

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 375.00 CERTIFICATION FEE $ 7.50 SURCHARGE FEE $ 7.50

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ 50.00 FLOOD ZONE FEE $ 25.00 CULVERT FEE $ TOTAL FEE 515.00

INSPECTORS OFFICE L. H CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

12853

Inst:2003002955 Date:02/13/2003 Time:12:18
Doc Stamp-Deed : 542.50
YMCK DC,P.DeWitt Cason,Columbia County B:974 P:1861

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 6th day of February A.D., 2003

William B. Carter, Jr., and Cassandra C. Hernandez and Linda Carter-Harfield hereinafter called the grantor, to

William B. Carter, Jr. and Joyce W. Carter, his wife whose post office address is: P.O. Box 10608, Riviera Beach, FL 33419 hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of $10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, Florida, viz: Parcel ID# R04236-062

Lot 33, Unit 5, Cedar Springs Shores, a subdivision as per plat recorded in Plat Book 4, Page 5, Public Records of Columbia County, Florida.

The above described property is not the constitutional homestead property of the grantors.

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

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

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2002.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness: **Angela M. Osborne**

William B. Carter, Jr. by Michael H Harfield POA

Witness: **Matthew D. Rocco**

Cassandra C. Hernandez

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 6th day of February, 2003 by William B. Carter, Jr.* and Cassandra C. Hernandez, personally known to me or, if not personally known to me, who produced a Driver's License for identification and who did not take an oath.

* William B. Carter, Jr. by Michael H Harfield, as POA from said William B. Carter, JR.

Notary Public

(Notary Seal)

Matthew Rocco
My Commission DD150709
Expires September 17, 2006

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness: Janet Hatfield

Witness: Jordan Hatfield

Linda Carter-Hatfield

Inst:2003002955 Date:02/13/2003 Time:12:18
Doc Stamp-Deed : 542.50
MCK DC,P.DeWitt Cason,Columbia County B:974 P:1862

STATE OF Colorado
COUNTY OF Douglas

The foregoing instrument was acknowledged before me this 3 **day of February, 2003 by Linda Carter-Hatfield, personally known to me or, if not personally known to me, who produced a Driver's License for identification and who did not take an oath.**

(Notary Seal)

JO ANN BYRNE NOTARY PUBLIC STATE OF COLORADO

Notary Public

My Commission Expires
03/06/2004

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
420 W. Baya Avenue
Lake City, FL 32055

Permit # 24204

Prepared by/Return to:
Justin S.W. McMurray
Haile Title Company, LLC
P.O. Box 159
Newberry, FL 32669
(352) 472-7373

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Bonnie Lou Deputy Clerk
Date 5/31/06

NOTICE OF COMMENCEMENT

PERMIT NUMBER:

STATE OF **FLORIDA** COUNTY OF **ALACHUA**

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Fla. Stats., the following information is provided in this notice of commencement.

DESCRIPTION OF PROPERTY

Lot 33, UNIT 5 OF CEDAR SPRINGS SHORES, a subdivision as per plat thereof recorded in Plat Book 4, Page 5 of the Public Records of Columbia County, Florida..

GENERAL DESCRIPTION OF IMPROVEMENTS

TO CONSTRUCT: Single Family Dwelling

OWNER INFORMATION

OWNER NAME: William B. Carter, Jr. and Joyce W. Carter
ADDRESS: 968 SW BLUFF DR, FT WHITE, FL 32038
PHONE NUMBER: 386 497-1298
CITY: _____ STATE: FL ZIP CODE: _____

INTEREST IN PROPERTY: fee simple
FEE SIMPLE TITLEHOLDER NAME: same as above
FEE SIMPLE TITLEHOLDER ADDRESS: (if other than owner)

CONTRACTOR NAME: FREDERICK G. HAMMOND - HAMMOND BUILDING AND DESIGN, INC.
ADDRESS: PHONE NUMBER: 352-283-0600
CITY: STATE: FL ZIP CODE:
LICENSE # CGC 017682

BONDING COMPANY:
ADDRESS: PHONE NUMBER:
CITY STATE: ZIP CODE:

LENDER NAME: Tri-County Bank
ADDRESS: PO Box 899 PHONE NUMBER: 352-472-2162
CITY: NEWBERRY STATE: FL ZIP CODE: 32669

Persons 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: _____

In addition to himself, Owner designates _____ of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

Expiration date is one (1) year from date of recording unless a different date is specified.

William B. Carter, Jr.

Joyce W. Carter
Joyce W. Carter

STATE OF FLORIDA
COUNTY OF ALACHUA

The foregoing was acknowledged before me this 18th day of May, 2006, by William B. Carter, Jr., and Joyce W. Carter, who produced a Florida Drivers License as identification.

JUSTIN S. W. MCMURRAY
MY COMMISSION # DD439262
EXPIRES: June 09, 2009
FL Notary Discount Assoc. Co.
1-800-3-NOTARY

Notary Public

Inst:2006013013 Date:05/30/2006 Time:14:29
DC,P.DeWitt Cason,Columbia County B:1085 P:400

Columbia County Building Permit Application

ck 4134 515.00

Revised 9-23-04

For Office Use Only Application # 0602-40 Date Received 2-13-06 By LH Permit # 24204

Application Approved by - Zoning Official BLK Date 03.03.06 Plans Examiner OK JTH Date 3-06-06

Flood Zone AE Development Permit YES Zoning ESA-2 Land Use Plan Map Category ESA

Comments V0235 approved DP 06-005

Santa Fe River 36 ft. flood 37 ft 1st Floor Panel 0255B No Flood way

Applicants Name Fredrick Hammond Phone 352-283-0000 386-462-2566

Address PO Box 1201 Newberry FL 32669

Owners Name William B. + Joyce W. Carter Phone 386-497-1298

911 Address 968 SW Bluff Drive, Ft. White, FL 32038

Contractors Name Hammond Building & Design Phone 352-283-0000

Address P.O. Box 1201 Newberry FL 32669

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address William N. Sodham PE 1605 W. University Parkway Sarasota FL 34243

Mortgage Lenders Name & Address Ameris, 25365 W Newberry Rd. Newberry FL 32669 Kenneth E. Arnold

Circle the correct power company - FL Power & Light - (Clay Elec.) - Suwannee Valley Elec. - Progressive Energy

Property ID Number 18TS 16 042316 062 Estimated Cost of Construction $130,000

Subdivision Name Cedar Springs Shores Lot 33 Block ____ Unit 5 Phase ____

Driving Directions South from Ft White on State Rd 47 Turn Right on Hollingsworth Rd, Right on Bluff Drive (Old River Rd). Go to 968 Bluff, Site on West Side of Bluff (Carter Cove)

Type of Construction SFD Residential, Frame, Wood Number of Existing Dwellings on Property 1

Total Acreage 1.5 Lot Size 100x685 Do you need a - Culvert Permit or ~~Culvert Waiver~~ or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 145' Side 11' Side 116.3 Rear 400'

Total Building Height 23'6" Number of Stories 1 Heated Floor Area 1500 S/F Roof Pitch 4.6 10/12 W/LOFT

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.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CGC017682

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Sworn to (or affirmed) and subscribed before me this 13 day of February 20 06

Personally known ____ or Produced Identification ____

Notary Signature

Columbia County Building Department
Flood Development Permit

Development Permit
F 023- 06-005

DATE 03/08/2006 BUILDING PERMIT NUMBER 000024204

APPLICANT FREDRICK HAMMOND PHONE 352-283-0000

ADDRESS PO BOX 1201 NEWBERRY FL 32669

OWNER WILLIAM & JOYCE CARTER PHONE 497-1298

ADDRESS 968 SW BLUFF DR FORT WHITE FL 32038

CONTRACTOR FREDRICK HAMMOND PHONE 352-283-0000

ADDRESS FL

SUBDIVISION CEDAR SPRINGS SHORES Lot 33 Block Unit Phase

TYPE OF DEVELOPMENT SFD,UTILITY PARCEL ID NO. 18-7S-16-04236-062

FLOOD ZONE AE BY BK 1-6-88 FIRM COMMUNITY #. 120070 - PANEL #. 205 B

FIRM 100 YEAR ELEVATION 36' PLAN INCLUDED YES or NO

REQUIRED LOWEST HABITABLE FLOOR ELEVATION 37'

IN THE REGULATORY FLOODWAY YES or NO RIVER Santa fe

SURVEYOR / ENGINEER NAME William Freeman LICENSE NUMBER 8701

✓ ONE FOOT RISE CERTIFICATION INCLUDED

ZERO RISE CERTIFICATION INCLUDED

SRWMD PERMIT NUMBER
(INCLUDING THE ONE FOOT RISE CERTIFICATION)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED

INSPECTED DATE BY

COMMENTS

135 NE Hernando Ave., Suite B-21
Lake City, Florida 32055
Phone: 386-758-1008
Fax: 386-758-2160

COLUMBIA COUNTY · GENERAL · FLORIDA

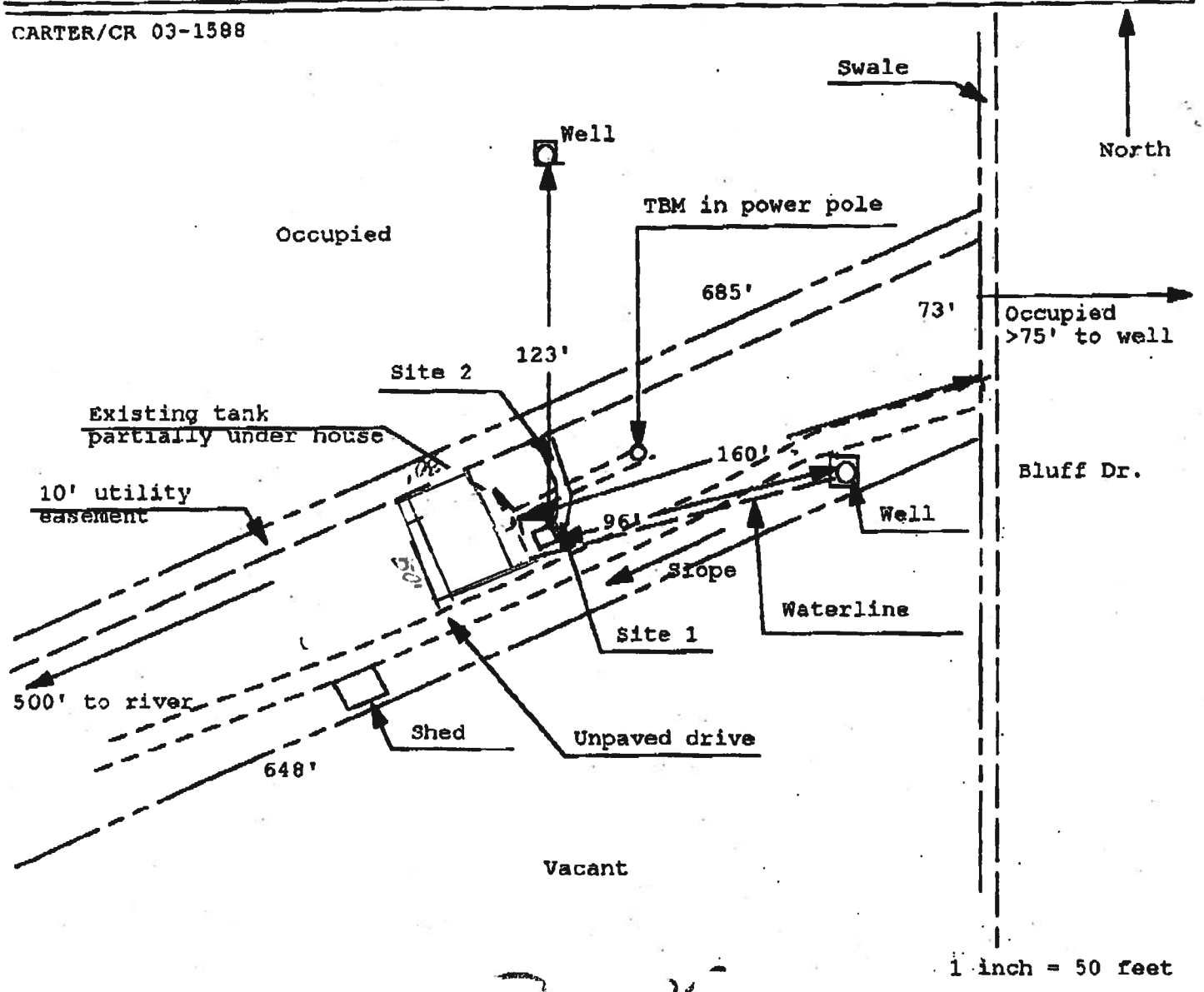
PERMIT EXPIRES ONE YEAR FROM THE DATE OF ISSUANCE

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 06-0131-E

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CARTER/CR 03-1588



Site Plan Submitted By OWNER **Date** 2-13-06

Plan Approved / Not Approved **Date** 2-15-06

By [signature] CPHU

Notes:

VARIANCE # V0235

Freeman Design Group inc
Engineers • Planners

161 N.W. Madison St., Suite 102
Lake City, Florida 32055
Tel: 386-758-4209
Fax: 386-758-4290

2/24/2006

Columbia County Building Department

To whom it may concern,

RE: Permit **# 0602-40 and 0602-41**

I have reviewed the conditions for the referenced property. The property is located in a flood zone (Zone AE). The required floor elevation (37.0') shall be set 1' above the 100 year flood elevation. The 100 year flood elevation is established at 36.0'. Please find a copy of the calculations verifying the flood rise to be less than 1'-0". If you have any questions, please call me at (386) 758-4209.

Sincerely,

William H. Freeman

William Freeman, P.E.
Certificate of Authorization # 00008701

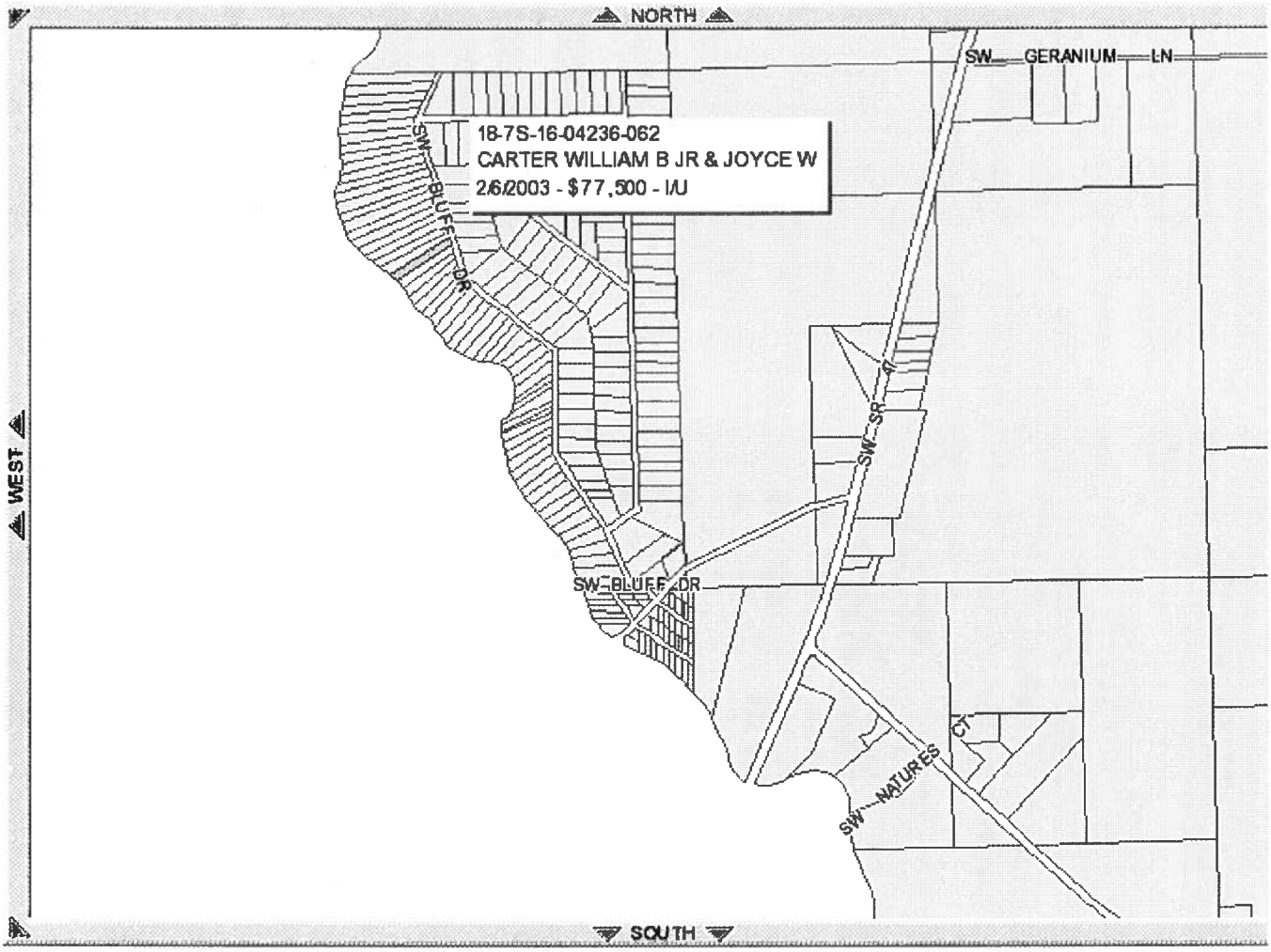
Freeman Design Group, Inc.
161 NW Madison St., Ste. # 102
Lake City, FL 32055
(386) 758-4209

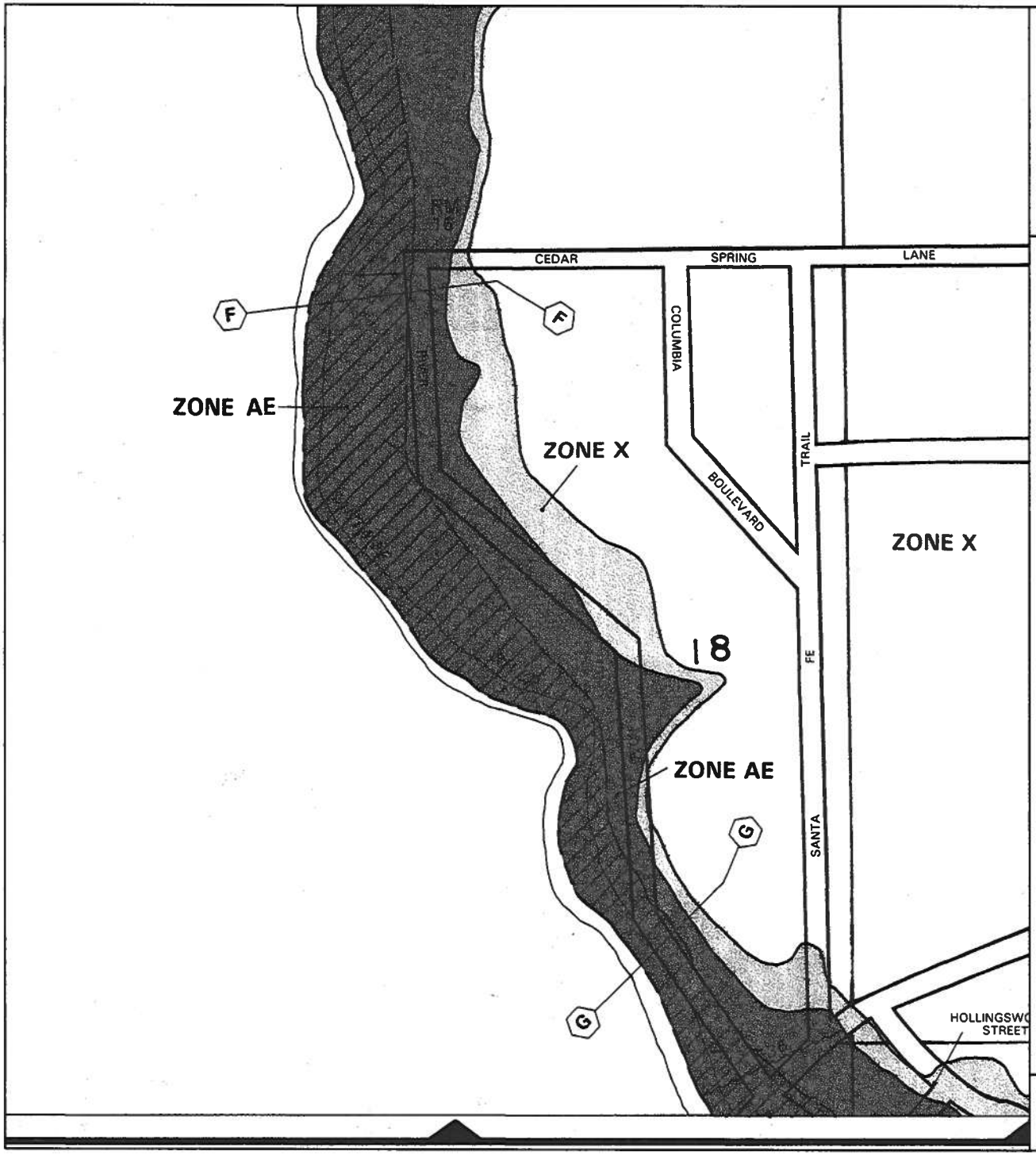
1-ft Rise Flood Certification Calculations			
Project: Fred Hammond (Permit #0602-40 and #0602-41)			
Home and Detached Garage			
Footing Area (sf):	1500	30'x50' slab	1500.00 sf slab
House			
Rise Ht(ft):	3		
Footing Area (sf):	720	24'x30' slab	720.00 sf slab
Garage			
Rise Ht(ft):	3		
Contributing Area:	1.33	acres -------->	57,934.80 sf
New Ftg Area:			2220.000 sf
Net Land Area (contributing minus new):			55,714.80 sf
Slab Volume Displacement:			6660.00 cf
Amount of Rise (Slab volume / land area) x 12:			1.434 in

Base Flood Elevation	36.0 ft
Min. Finished Floor Elevation	37.0 ft

William H. Free
CERT. OF AUTH. 0000870

2/24/2006


NORTH
WEST
SOUTH
SW GERANIUM LN
18-7S-16-04236-062
CARTER WILLIAM B JR & JOYCE W
2/6/2003 - $77,500 - I/U
SW BLUFF DR
SW SR 47
SW BLUFF DR
SW NATURES CT



N

APPROXIMATE SCALE IN FEET

1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

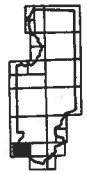
FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 255 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0255 B

EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Futher information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/mit/tsd.

Print Date: 2/16/2006 (printed at scale and type A)

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

2005 Proposed Values

Parcel: 18-7S-16-04236-062 HX

Tax Record | Property Card | Interactive GIS Map | Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	CARTER WILLIAM B JR & JOYCE W
Site Address	BLUFF
Mailing Address	968 SW BLUFF DRIVE FT WHITE, FL 32038
Brief Legal	LOT 33 UNIT 5 CEDAR SPRING SHORES. ORB 486-184, 761-1859, DC 965-2593, PROB#02-214CP

Use Desc. (code)	MOBILE HOM (000200)
Neighborhood	18716.01
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	$36,098.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$20,676.00
XFOB Value	cnt: (1)	$1,155.00
Total Appraised Value		$57,929.00

Just Value		$57,929.00
Class Value		$0.00
Assessed Value		$57,929.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$32,929.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
2/6/2003	974/1861	WD	I	U	06	$77,500.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1980	Vinyl Side (31)	1344	1648	$20,676.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0040	BARN,POLE	0	$1,155.00	770.000	22 x 35 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000132	SFR RIVER (MKT)	100.290 FF - (.000AC)	1.00/1.00/1.00/1.00	$340.00	$34,098.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	$2,000.00	$2,000.00

Columbia County Property Appraiser DB Last Updated: 9/16/2005

1 of 1

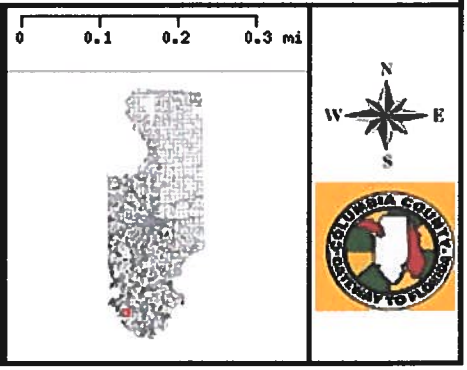
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 18-7S-16-04236-062 HX - MOBILE HOM (000200)

LOT 33 UNIT 5 CEDAR SPRING SHORES. ORB 486-184, 761-1859, DC 965-2593, PROB#02-214CP

Name:	CARTER WILLIAM B JR & JOYCE W	LandVal	$36,098.00
Site:	BLUFF	BldgVal	$20,676.00
Mail:	968 SW BLUFF DRIVE FT WHITE, FL 32038	ApprVal	$57,929.00
		JustVal	$57,929.00
Sales Info	2/6/2003 $77,500.00 I / U	Assd	$57,929.00
		Exmpt	$25,000.00
		Taxable	$32,929.00



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529

Reference to: Build permit application Number: 0602-41

Hammond Builders and Design Owner William Carter lot 33 of Cedar Springs Shores

On the date of February 16, 2006 application 0602-40 and plans for construction of a single family dwelling detached garage were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0602-40 when making reference to this application.

1. Lot 33 Unit 5 of Cedar Springs Shores subdivision as shown on the FIRM Flood Insurance Map Community-Panel Numbers 12007 0225 B defines that the Lot 33 is within an AE Flood Zone with an established elevation of 36 foot flood elevation. The second floor elevation of the proposed garage if (as the plan show to be a condition space) will be required to be at an elevation of 37 foot. An elevation certification from a surveyor will be required to be submitted prior to issuance of a certificate of occupancy.

2. Columbia County regulations require a one foot rise analyses certified by an engineer be submitted to the Building and Zonings department prior to issuance of a building permit.

3. If any existing or additional earth will relocated within this parcel of land to help established the required 37 foot flood elevation a grading plan as detailed in Columbia County Florida Resolution No. 2005R-26 (attached) will be required to be submitted to this department for review by the Columbia County engineer.

4. Please show on the structural elevation plans the total height of the structure from the established finished grade to the highest roof peak of the structure.

5. On the floor plan please show the total amount of the condition and unconditioned square footage that will be under the roof area.

6. On the plans please identify all the exterior/interior shear walls.

7. Indicate on the foundation plans the load bearing soil capacity which be required to support the A2 foundation as designed.

8. Submit the Florida product approval numbers and manufacture information for the Tie Max System.

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

COLUMBIA COUNTY, FLORIDA
RESOLUTION NO. 2005R-26

A RESOLUTION OF COLUMBIA COUNTY, FLORIDA, PROVIDING FOR ADDITIONAL REQUIREMENTS FOR A DEVELOPMENT PERMIT ON PROPERTY WHICH HAS BEEN IDENTIFIED AS "FLOOD PRONE;" AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, since the hurricane season of 2004, Columbia County has experienced significant flooding and related issues impacting the public health, safety and welfare of the residents and citizens of Columbia County as well as their property; and

WHEREAS, the Board of County Commissioners of Columbia County, Florida, finds it is necessary and in the best interest of Columbia County and its residents and citizens for the protection of the health, safety and welfare, together with the protection of property interests in Columbia County, to provide requirements in addition to those currently set forth in local, state and federal statutes, ordinances, rules and regulations, including but not limited to the Columbia County Comprehensive Plan and Columbia County Land Development Regulations (LDRs), for the application and issuance of a development permit.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF COLUMBIA COUNTY, FLORIDA AS FOLLOWS:

1. Properties, including lots and acreage, which have been identified in Columbia County as "flood prone" shall, in addition to all other local, state and federal requirements, prior to issuance of a development permit through the Columbia County Building Department provide the following:

a. In addition to all other required submittals, the development permit applicant shall file a grading plan for the property proposed to be developed. The grading plan shall be signed and sealed by a Florida registered professional engineer.

b. The grading plan shall delineate proposed changes from natural ground elevation, if any, including the amount of fill material to be added to the site. The grading plan shall clearly demonstrate that the natural flow of water shall not be altered nor will adjacent properties be negatively impacted by the proposed development.

c. The grading plan shall further establish the lowest habitable floor elevation and building location on the lot or acreage.

d. Upon its completion, the applicant shall obtain from a Florida licensed land surveyor and provide to Columbia County certification as to the actual height of the finished floor established by the grading plan.

2. Additionally, all "flood prone" properties shall require written certification by a competent Florida licensed professional or agency stating that the property is not defined as a wetland as defined in the Columbia County Land Development Regulations.

3. The term "flood prone" is defined as those lots, acreage or properties that can be demonstrated on existing FEMA or other maps as flood prone properties which competent personal testimony through affidavit or otherwise establishes the property has a history of flooding which would adversely impact development upon the property.

4. There shall be exempt from the requirements of this Resolution lots, acreage or properties otherwise defined as "flood prone" where the ratio of "non-flood prone" property

(numerator) to the square footage of impervious surface development on the property (denominator) is no less than 3-to-1. However, all other permitting requirements of the County must be satisfied.

5. Any interested party who is subject to these additional permitting requirements and believes they have been inappropriately applied to them may appeal the decision to the Board of County Commissioners of Columbia County. All such appeals must be in writing and mailed to the Board of County Commissioners of Columbia County, Post Office Box 1529, Lake City, Florida 32056-1529. At this time no appeal fee is assessed.

6. This Resolution shall remain in effect until the Board of County Commissioners has approved an appropriate ordinance addressing the flood prone issues of Columbia County or until further action of the Board.

UNANIMOUSLY PASSED AND ADOPTED by the Board of County Commissioners at its regular meeting on the 16th day of June, 2005.

BOARD OF COUNTY COMMISSIONERS
COLUMBIA COUNTY, FLORIDA

By: Jennifer Flinn
Jennifer Flinn, Chairman

ATTEST: P. DeWitt Cason
P. DeWitt Cason, Clerk of Courts

(SEAL)

GEO-TECH, INC.
ENGINEERING CONSULTANTS IN GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION MATERIALS TESTING

March 1, 2006
Project No. 062696.01G

Bill Carter
968 SW Bluff Drive
Fort White, FL 32038

Attention: Mr. Bill Carter

Project: Proposed Residence and Garage, Cedar Springs Shores, Lot 33 - Unit 5
Columbia County, Florida
Soil Bearing Capacity

Dear Mr. Carter:

As requested, Geo-Technologies, Inc. (Geo-Tech) has visited the above referenced project site. The purpose of our visit was to perform static cone penetrometer readings in the area that the proposed residence will be placed. Six (6) auger borings with static cone penetrometer readings were performed to four (4) feet below site grade. Based on the results of the penetrometer readings, the maximum allowable soil bearing pressures found at these locations are approximately 2, 500 pounds per square foot based.

Geo-Technologies, Inc. (Geo-Tech) trust this report is sufficient to meet your immediate needs. Should you have any questions concerning this report or if we may be of further assistance, please do not hesitate to contact the undersigned.

Sincerely,

Donald "Bubba" Youngblood
Branch Manager

DY/DC: kw

David A. [illegible]
Florida [illegible]
NO. 59334
STATE OF

USP Lumber Connectors™

Product Identification and Labeling

Code Evaluation Labeling Requirements

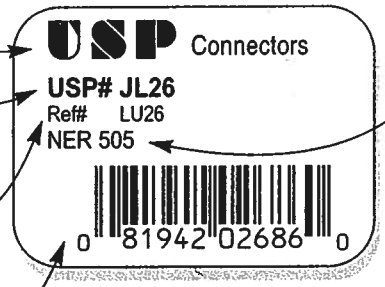
Each USP Lumber Connector is identified with the following information:

Company Name: USP Connectors

USP Model Number: Shows model number as it appears in USP's literature and code evaluations.

Reference Number: Product number of a competitor that is frequently specified.

UPC Code



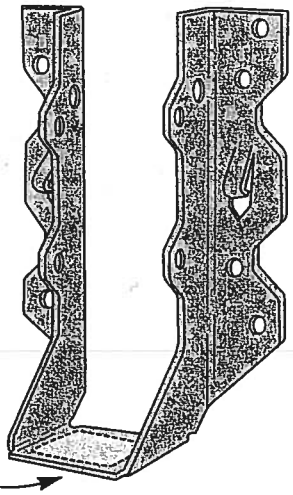
Typical Product Label

Code Evaluation Number: This is the code evaluation report number that the specific model number appears in. This number may appear as a listing for International Conference of Building Officials (ICBO), Southern Building Code Congress International (SBCCI), Building Officials and Code Administrators International Inc. (BOCA) or National Evaluation Service (NER) which covers all three agencies.

Code Evaluation Labeling Requirements:

Labeling of products for field identification is a requirement of the code evaluation reports. The code evaluation reports specifically state that each product manufactured and listed in a code evaluation report must be labeled with the manufacturer's name and/or trademark, the model number and code evaluation report number. Failure to do this would be a violation of the code evaluation report guidelines.

Currently, code agencies use a variety of descriptions when stipulating how this information will be applied to the lumber connector. The descriptions range from "labeled" or "stamped" to "identified." USP currently labels all products which carry a code evaluation report number and is in the process of stamping this identification into some of our products. Either method is acceptable under the guidelines set forth by the code evaluation agencies today.



Labels are positioned on products so they can be seen after installation

USP, Eastern Region
703 Rogers Drive
Montgomery, MN 56069-1324
1-800-328-5934
Fax: 1-507-364-8762

USP, Western Region
2150 Kitty Hawk Road
Livermore, CA 94550-9611
1-800-227-0470
Fax: 1-925-373-9213

www.USPconnectors.com

YOUR LOCAL **USP** DEALER/DISTRIBUTOR

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
		Elevations including:
☑	☐	a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

d) Location, size and height above roof of chimneys.
e) Location and size of skylights
f) Building height
e) Number of stories

Floor Plan including:

a) Rooms labeled and dimensioned.
b) Shear walls identified.
c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
d) Show safety glazing of glass, where required by code.
e) Identify egress windows in bedrooms and size.
f) Fireplace (gas vented) (gas non-vented) or wood burning with hearth, (Please circle applicable type).
g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
b) All posts and/or column footing including size and reinforcing
c) Any special support required by soil analysis such as piling
d) Location of any vertical steel.

Roof System:

a) Truss package including:
   1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
   2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

b) Conventional Framing Layout including:
   1. Rafter size, species and spacing
   2. Attachment to wall and uplift
   3. Ridge beam sized and valley framing and support details
   4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

a) Masonry wall
   1. All materials making up wall
   2. Block size and mortar type with size and spacing of reinforcement
   3. Lintel, tie-beam sizes and reinforcement
   4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
   5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
   6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
   7. Fire resistant construction (if required)
   8. Fireproofing requirements
   9. Shoe type of termite treatment (termiticide or alternative method)
   10. Slab on grade
      a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
      b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
   11. Indicate where pressure treated wood will be placed
   12. Provide insulation R value for the following:

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

☑ ☐ b) Wood frame wall
1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable) N/A
9. Fireproofing requirements N/A
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☑ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ N/A ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☑ ☐ **Plumbing Fixture layout**

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

☑ ☐ d) Service panel and sub-panel size and location(s)

☑ ☐ e) Meter location with type of service entrance (overhead or underground)

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

☑ ☐ h) Exhaust fans in bathroom

HVAC information

☑ ☐ a) Energy Calculations (dimensions shall match plans)

☑ ☐ b) Manual J sizing equipment or equivalent computation

☐ N/A ☐ c)Gas System Type (LP or Natural) Location and BTU demand of equipment

☐ N/A ☐ **Disclosure Statement for Owner Builders**

☑ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done

☑ ☐ **Private Potable Water**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 **(Toilet facilities shall be provided for construction workers)**

4. **City Approval:** **If the project is to be located within the city limits of the Town of Fort White,** prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. **(386) 497-2321**

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
   A development permit will also be required. Development permit cost is **$50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit **($25.00)** must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver **($50.00)**. All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

Location: 968 SW BLUE DR. FT WHITE, FL **Project Name:** CARTER LOVE RESIDENCE

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging ✓	THERMA-TRU	FIBER CLASSIC	FL1170-R1
2. Sliding			
3. Sectional	WAYNE DALTON	GARAGE DOOR (FL22REV1)	FL3076-R1
4. Roll up			
5. Automatic			
6. Other GARAGE DOOR			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung ✓	SILVERLINE	DOUBLE HUNG WINDOWS	FL4411-R1
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	JAMES HARDIE	HARDI PLANK SIDING	FL889-R2
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	UNION	MASTER RIB METAL ROOFING	FL4586
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS	N/A		
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS	N/A		
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	HURRI-BOLT	ANCHOR SYSTEM	FL 1730-R1
2. Truss plates	MITEK	TRUSS PLATES 20 GA	FL 2197-R1
3. Engineered lumber	BOISE	VERSA-LAM, LAMINATED VENEER LUMBER	FL 1644-R1
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof	N/A		
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

968 SW BLUFF DRIVE,
Location

Permit # **(FOR STAFF USE ONLY)**

SITE NAVIGATION
Home
Course Accreditation
Florida Building Code
Manufact. Buildings
Prototype Building
Surcharges
Training
Product Approval
License Search
Mailing List
Florida Building Commission

PRODUCT APPROVAL

Product Search

Overview | Product Search | Organization Search | Product Application

User: Public User - Not Associated with Organization -

Need Help ?

Search Product Approvals to the 2001 Florida Building Code

Product Approval Applications to the 2004 Florida Building Code

Product Manufacturer: Therma-Tru Corporation

Category: Exterior Doors

Subcategory: Swinging Exterior Door Assemblies

Application/Seq #:

(### or ###.#)

Application Status: (ALL)

Evaluation Method: (ALL)

Order by: (•) Manufacturer ( ) Category ( ) Subcategory ( ) App / Seq # ( ) Status ( ) Evaluation Method

To edit an application that is NOT YET APPROVED, log in, search for the Application/Seq # and click on the link under "Category".

New Product Search

Page: Go Page 1 / 1

App/Seq #	Manufacturer	Category	Subcategory	Validation Entity/Validator	Status
FL1170-R1 History	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies		Approved
FL5262	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies		Approved
FL5268	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies		Re-Apply
FL5891	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	L.F. Schmidt, P.E.	Approved ☑ Evaluation Report - Hardcopy

PRODUCT APPROVAL

Product Type Detail

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL1170-R1
Date Submitted:	08/06/2005
Code Version:	2004
Product Manufacturer:	Therma-Tru Corporation
Address/Phone/email:	118 Industrial Drive Edgerton, OH 43517 (419) 298-1740
Category:	Exterior Doors
Subcategory:	Swinging Exterior Door Assemblies
Evaluation Method:	Certification Mark or Listing

Referenced Standards from the Florida Building Code:

Section	Standard	Year
	ASTM E1996	2002
	PA 201, 203	1994
	PA 202	1994
	ASTM E 330	2002
	ASTM E1300	2002

Certification Agency:	National Accreditation & Management Institute,
Quality Assurance Entity:	
Validation Entity:	
Authorized Signature:	Steve Jasperson sjasperson@tttechnologies.us
Evaluation/Test Reports Uploaded:	
Installation Documents Uploaded:	
Product Approval Method:	Method 1 Option A

Application Status:	Approved
Date Validated:	08/06/2005
Date Approved:	10/11/2005
Date Certified to the 2004 Code:	

Page:
Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
1170.1	"Classic-Craft"	Fiberglass Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 100.0 -100.0 Double Door - + 70.0 - 70.0
1170.2	"Construction Series"	Steel Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 67.0 -67.0 Double Door - + 60.0 - 60.0 (See Door Label for Variations)
1170.3	"Fiber-Classic"	Fiberglass Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 67.0 -67.0 Double Door - + 60.0 - 60.0 (See Door Label for Variations)
1170.4	"Premium Series"	Steel Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 75.0 -75.0 Double Door - + 65.0 - 65.0
1170.5	"Smooth-Star"	Fiberglass Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 67.0 -67.0 Double Door - + 60.0 - 60.0 (See Door Label for Variations)

Next

R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33594 Phone 813.659.9197 Facsimile 813.659.4858

ENGINEER'S NOTICE OF EVALUATION # TTF-262IF

Therma-Tru Corp.
108 Mutzfeld Road
Butler, IN 46721
Phone 260.868.5811 Facsimile 260.868.5190

DESCRIPTION OF UNIT

Model Designation: Fiber Classic/ Smooth Star, Series Fiberglass Door (Opaque) **Impact**

Maximum Overall Nominal Size: up to 6'0 x 6'8 Usable Out-swing Configurations: X, XX

General Description: The head and jambs are wood measuring 4.5" x 1.25" with an extruded aluminum threshold. The door panels are 1.68" thick and consist of two SMC skins with a thickness of 0.065" for the Fiber Classic Series or the Smooth Star Series with a skin thickness of 0.070". Skins are glued to wood stiles and rails with a urethane core.

FBC Section 1707 Materials and Assembly Tests:
(1707.4.3 Exterior Door Assemblies; 1707.4.5 Mullions Door Assemblies)

Test	Description	Test Location	Date	Report No.	Certifying Engineer
ASTM E330	Uniform Static Air Pressure	ETC – Rochester, NY	July 14, 2001 June 22, 2001	ETC-01-741-10702.0 ETC-01-741-11008.0	Wendell Haney, P. E. #54158 Joseph Dolden, P.E. #42929
TAS 202	Forced Entry	ETC – Rochester, NY	July 14, 2001 June 22, 2001	ETC-01-741-10702.0 ETC-01-741-11008.0	Wendell Haney, P. E. #54158 Joseph Dolden, P.E. #42929
ASTM E331	Water Penetration	ETC – Rochester, NY	July 14, 2001 June 22, 2001	ETC-01-741-10702.0 ETC-01-741-11008.0	Wendell Haney, P. E. #54158 Joseph Dolden, P.E. #42929
ASTM E283	Air Infiltration	ETC – Rochester, NY	July 14, 2001 June 22, 2001	ETC-01-741-10702.0 ETC-01-741-11008.0	Wendell Haney, P. E. #54158 Joseph Dolden, P.E. #42929
SSTD 12-99	Large Missile Impact/Cycling	CTL – Orlando, FL	October 3, 2002	CTLA – 980W	Ramesh Patel, P.E. #20224

Design Pressure Ratings:

Configuration		Maximum Size	Design Pressure Ratings	
Opaque Single	X	Up To 3'0 x 6'8	+ 67.00 - 67.00	
			Alum Astragal	Coastal Alum Astragal
Opaque Double	XX	Up To 6'0 x 6'8	+ 40.00 - 40.00	+ 55.00 - 55.00

Installation and Anchoring: **See reverse side this page**

Use
1. Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by **ASCE 7 Minimum Design Loads for Buildings and Other Structures** do not exceed the design pressure ratings listed above.

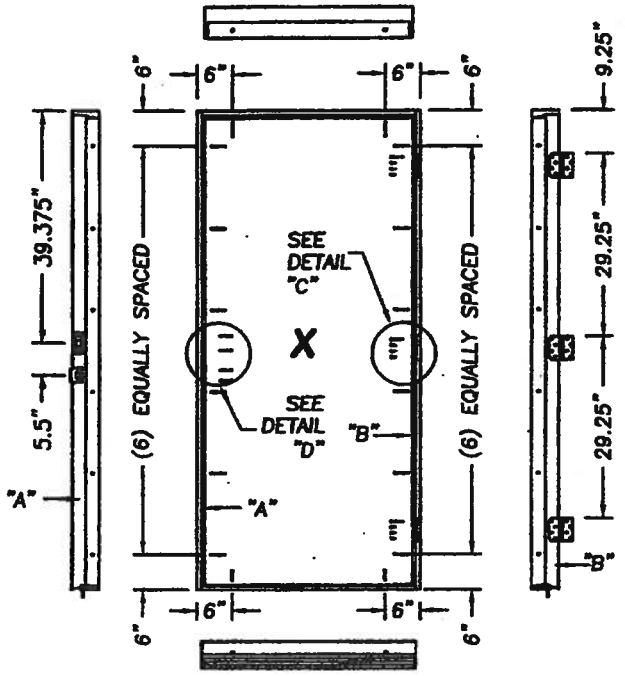
2. For Masonry installations where the sub-buck is less than 1-1/2 inches (FBC section 1707.4.4 Anchorage Methods and sub-sections 1707.4.4.1 and 1707.4.4.2) same diameter Tapcon type concrete anchors must be substituted and the length must be such that a minimum 1-1/4" engagement of the Tapcon into the masonry wall is obtained.

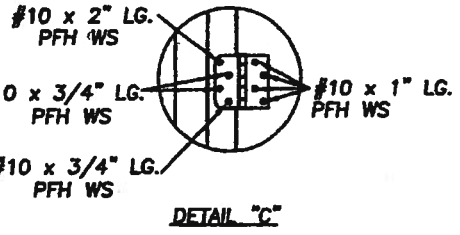
Certification: Lyndon F. Schmidt
19506 French Lace Drive
Lutz, FL 33558

Florida Professional Engineer
License No. 43409

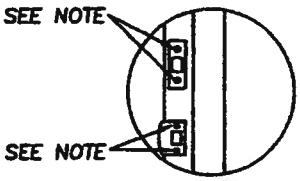
December 5, 2002

Therma-Tru® FiberClassic / Smooth Star Out-swing Fiberglass Door
Impact Rated
Maximum Size Up To 6'0 x 6'8



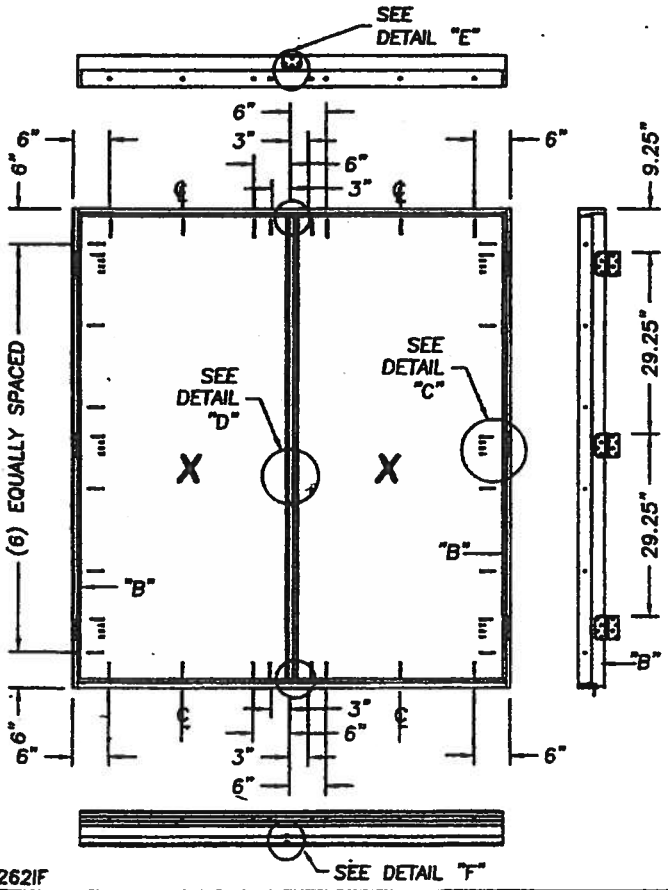


DETAIL "C"

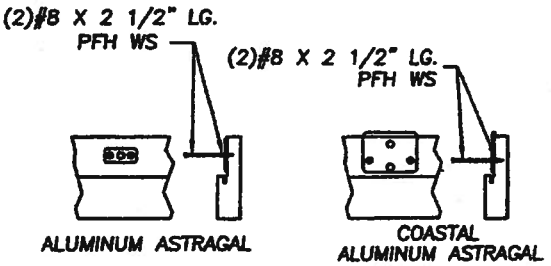


DETAIL "D"

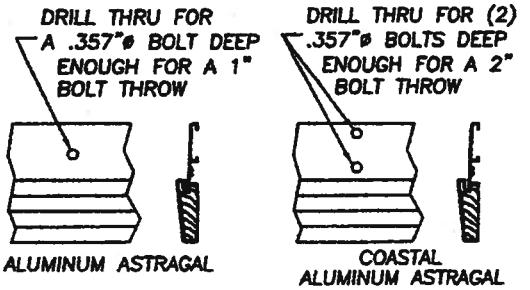
Note:
When attaching the strike & deadbolt plates to the strike & buck use #10 x 2" Lg. PFH WS. When attaching the strike & deadbolt plates to the astragal use #8 x 2 1/2" Lg. PFH WS.



NOTE: All perimeter screws are #8 x 2-1/2" PFH WS.



DETAIL "E"
ATTACH ASTRAGAL THROW BOLT STRIKE PLATE TO FRAME AS SHOWN.



DETAIL "F"
ASTRAGAL THROW BOLTS AT THE THRESHOLD

TTF-262IF

PRODUCT APPROVAL

Product Type Detail

Product Application

User: Public User - Not Associated with Organization -

Application #:	FL1170
Date Submitted:	11/20/2003
Product Manufacturer:	Therma-Tru Corporation
Address/Phone/email:	1687 Woodlands Drive Maumee, OH 43537
Category:	Exterior Doors
Subcategory:	Swinging
Evaluation Method:	Certification Mark or Listing

Referenced Standards from the Florida Building Code:

Section	Standard	Year
1606.1.4	ASTM E1996	2002
1626.2	PA 201, 203	1994
1707.4	PA 202	1994
	ASTM E 330	1997

Certification Agency:	National Accreditation & Management Institute,
Quality Assurance Entity:	
Validation Entity:	
Authorized Signature:	Steve Jasperson sjasperson@tttechnologies.us
Evaluation/Test Reports Uploaded:	
Installation Documents Uploaded:	
Product Approval Method:	Method 1 Option A
Application Status:	Approved
Date Validated:	11/20/2003

Page: Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
1170.1	"Classic-Craft"	Fiberglass Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 67.0 -67.0 Double Door - + 60.0 - 60.0 (See Door Label for Variations)
1170.2	"Construction Series"	Steel Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 67.0 -67.0 Double Door - + 60.0 - 60.0 (See Door Label for Variations)
1170.3	"Fiber-Classic"	Fiberglass Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 67.0 -67.0 Double Door - + 60.0 - 60.0 (See Door Label for Variations)
1170.4	"Premium Series"	Steel Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 67.0 -67.0 Double Door - + 60.0 - 60.0 (See Door Label for Variations)
1170.5	"Smooth-Star"	Fiberglass Door w/wo sidelites	Maximum Design Pressure Rating: Single Door - + 67.0 -67.0 Double Door - + 60.0 - 60.0 (See Door Label for Variations)

Next

PRODUCT APPROVAL

Product Type Detail

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL3076-R1
Date Submitted:	02/22/2005
Code Version:	2004
Product Manufacturer:	Wayne-Dalton Corp.
Address/Phone/email:	3395 Addison Drive Pensacola, FL 32514 (850) 474-9890
Category:	Exterior Doors
Subcategory:	Sectional Exterior Door Assemblies
Evaluation Method:	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

Referenced Standards from the Florida Building Code:

Section	Standard	Year
103.7	Alternate Materials and Methods	2001
1606	Wind Loads	2001
Chapter 17	Stuctural Tests and Inspections	2001
1707.4	Exterior Window and Door Assemblies	2001
1707.4.3	ASTM E-330-97	1997
2204	Cold Formed Steel Construction	2001
Chapter 22	Steel	2001
1707.4.3.1	DASMA 108	2002

	Chapter 26	Foam Plastic	2001

Updated Code Sections when certified to the current Florida Building Code:	**2001 Section**	**2004 Section**
	103.7	104.11
	1606	1609
	1707.4	1714.5
	1707.4.3	1714.5.3
	1707.4.3.1	1714.5.3.1
	2204	2209
	Chapter 26	2603

Florida Engineer or Architect Name:	Jeffrey P. Arneson
Florida License:	PE- 58544
Quality Assurance Entity:	Omega Point Laboratories
Validation Entity:	Dole J. Kelley
Authorized Signature:	Wendi Frederick wfrederick@wayne-dalton.com
Evaluation/Test Reports Uploaded:	PTID_3076_R1_T_0500 P3.pdf PTID_3076_R1_T_0501 P3.pdf PTID_3076_R1_T_0502 P3.pdf PTID_3076_R1_T_0503 P3.pdf PTID_3076_R1_T_0504 P2.pdf PTID_3076_R1_T_0505 P2.pdf PTID_3076_R1_T_0506 P2.pdf PTID_3076_R1_T_0507 P2.pdf PTID_3076_R1_T_0508 P2.pdf PTID_3076_R1_T_0509 P2.pdf PTID_3076_R1_T_0510 P3.pdf PTID_3076_R1_T_0511 P3.pdf PTID_3076_R1_T_0512 P3.pdf PTID_3076_R1_T_0513 P3.pdf PTID_3076_R1_T_0514 P2.pdf PTID_3076_R1_T_0515 P2.pdf PTID_3076_R1_T_0516 P2.pdf PTID_3076_R1_T_0517 P2.pdf PTID_3076_R1_T_0518 P2.pdf PTID_3076_R1_T_0519 P1.pdf PTID_3076_R1_T_0520 P3.pdf PTID_3076_R1_T_0521 P3.pdf PTID_3076_R1_T_0522 P3.pdf PTID_3076_R1_T_0523 P2.pdf PTID_3076_R1_T_0524 P2.pdf PTID_3076_R1_T_0525 P2.pdf PTID_3076_R1_T_0526 P1.pdf PTID_3076_R1_T_0527 P1.pdf PTID_3076_R1_T_0528 P1.pdf PTID_3076_R1_T_0529 P1.pdf PTID_3076_R1_T_0530 P1.pdf PTID_3076_R1_T_0531 P1.pdf PTID_3076_R1_T_0532 P1.pdf PTID_3076_R1_T_5500 9700 Torsion Instructions.pdf

PTID_3076_R1_T_Cert_Ind.pdf
PTID_3076_R1_T_Evaluation Report.pdf

Installation Documents Uploaded:

Product Approval Method: Method 1 Option D

Application Status: Approved
Date Validated: 02/24/2005
Date Approved: 03/16/2005
Date Certified to the 2004 Code: 04/27/2005

Page: Go

Page 1 / 2 > >|

App/Seq #	Product Model # or Name	Model Description	Limits of Use
3076.1	5500 / 9700 #0500	Thru 9' wide. Design PSF +12.80 / -14.80	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.2	5500 / 9700 #0501	Thru 9' wide. Design PSF +12.80 / -14.80. Approved with glass in top section.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.3	5500 / 9700 #0502	Thru 9' wide. Design PSF +22.90 / -26.30.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.4	5500 / 9700 #0503	Thru 9' wide. Design PSF +22.90 / -26.30. Approved with glass in top section.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.5	5500 / 9700 #0504	Thru 9' wide. Design PSF +26.90 / -30.80.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.6	5500 / 9700 #0505	Thru 9' wide. Design PSF +26.90 / -30.80. Approved with glass in top section.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.7	5500 / 9700 #0506	Thru 9' wide. Design PSF +31.20 / -35.80.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.8	5500 / 9700 #0507	Thru 9' wide. Design PSF +31.20 / -35.80. Approved with glass in top	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.

		section.	
3076.9	5500 / 9700 #0508	Thru 9' wide. Design PSF +35.70 / -41.00.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.10	5500 / 9700 #0509	Thru 9' wide. Design PSF +45.30 / -51.20.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.11	5500 / 9700 #0510	10' wide. Design PSF +12.80 / -14.80.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.12	5500 / 9700 #0511	10' wide. Design PSF +12.80 / -14.80. Approved with glass in top section.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.13	5500 / 9700 #0512	10' wide. Design PSF +19.20 / -22.00.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.14	5500 / 9700 #0513	10' wide. Design PSF +19.20 / -22.00. Approved with glass in top section.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.15	5500 / 9700 #0514	10' wide. Design PSF +22.90 / -26.30.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.16	5500 / 9700 #0515	10' wide. Design PSF +22.90 / -26.30. Approved with glass in top section.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.17	5500 / 9700 #0516	10' wide. Design PSF +26.90 / -30.80.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.18	5500 / 9700 #0517	10' wide. Design PSF +26.90 / -30.80. Approved with glass in top section.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.19	5500 / 9700 #0518	10' wide. Design PSF +31.20 / -35.80.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.
3076.20	5500 / 9700 #0519	10' wide. Design PSF +41.00 / -46.30.	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.

Next

WINDLOAD SPECIFICATION 0125

MODEL:	8300, 8500, 5150 & 5200
STYLE:	RAISED PANEL
TEST PRESSURE:	POS. 33.0 PSF/NEG. 37.0 PSF
DESIGN PRESSURE:	POS. 22.0 PSF/NEG. 24.66 PSF

APPROVED SIZES:
16'-0" MAX WIDTH X 16'-0" MAX HEIGHT
MAXIMUM SECTION WIDTH 24"

NOTES:

1. VINYL OR WOOD DOOR STOP (NAILED ON 6" CENTERS) MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

2. U-BAR TO HAVE A MINIMUM YIELD OF 80 KSI

3. TRACK STEEL TO HAVE A MINIMUM YIELD OF 33 KSI.

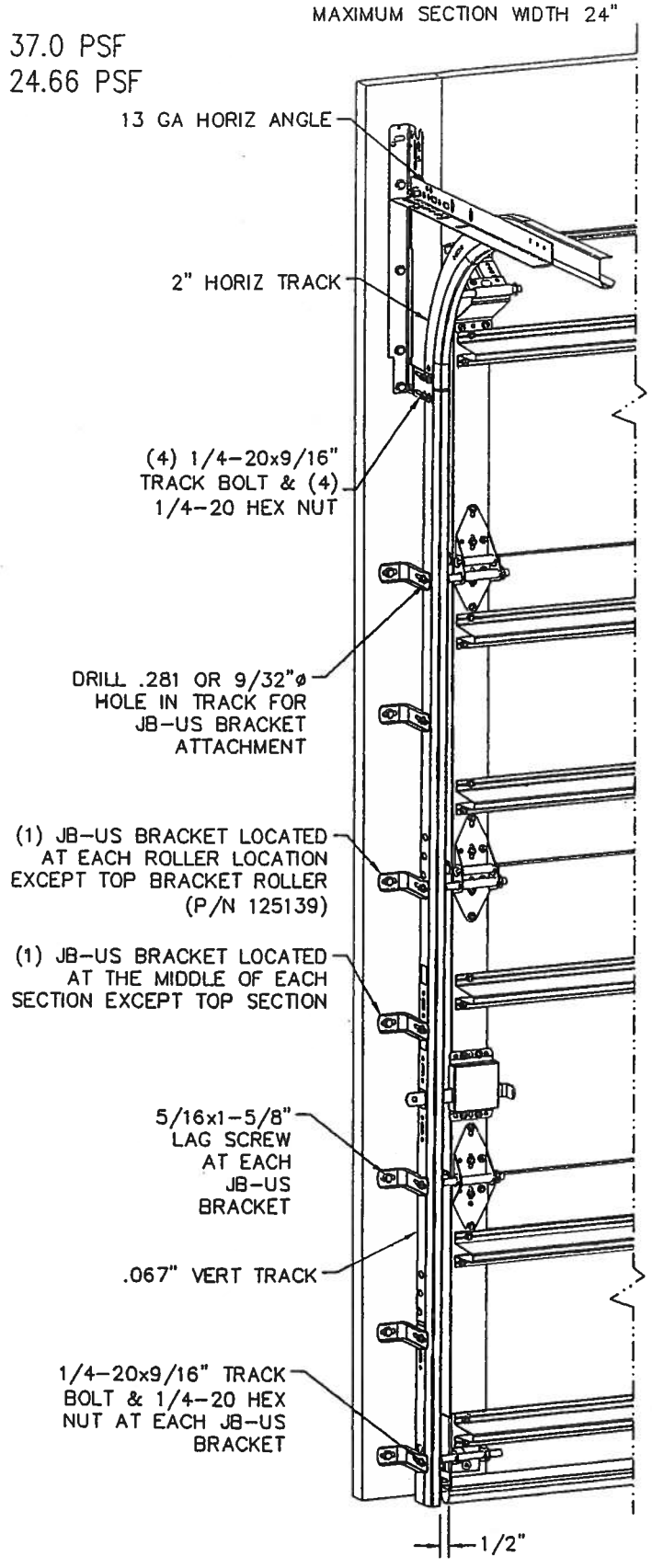
4. DOOR STEEL TO HAVE A MINIMUM YIELD OF 50.5 KSI.

5. OPTIONAL - .080" (MIN) ALUMINUM LOUVERS WITH HIGH IMPACT STYRENE FRAME MAY BE LOCATED IN THE END PANELS OF THE BOTTOM SECTION.

6. LOCK OR OPERATOR IS REQUIRED.

7. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

8. DOOR JAMB TO BE 2X6 STRUCTURAL GRADE LUMBER. (MIN)



PART NO. 296832

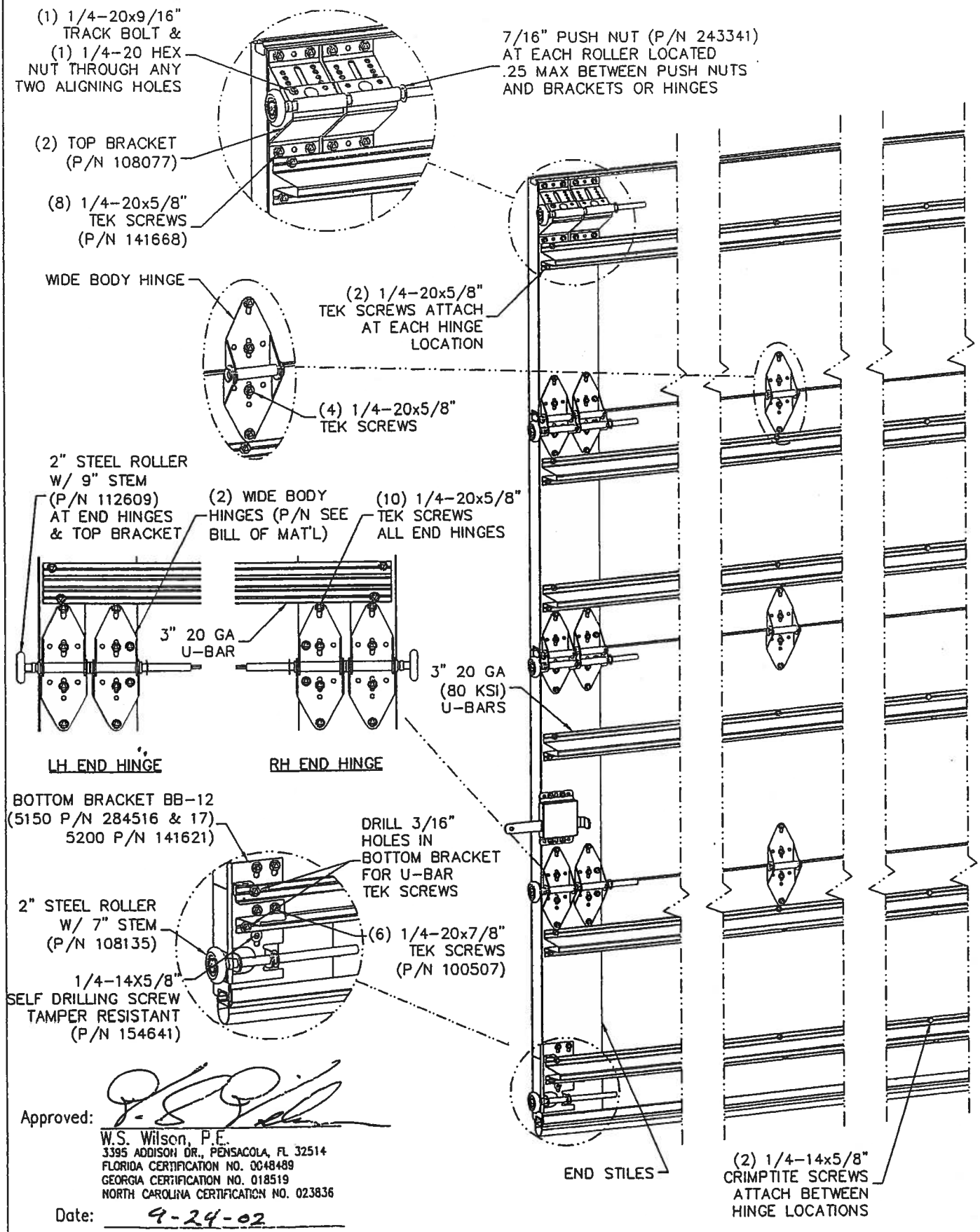
Approved:

W.S. Wilson, P.E.
3395 ADDISON DR., PENSACOLA, FL 32514
FLORIDA CERTIFICATION NO. 0048489
GEORGIA CERTIFICATION NO. 018519
NORTH CAROLINA CERTIFICATION NO. 023836

Date: 9-24-02

END & CENTER HINGE, TOP & BOTTOM BRACKET REQUIREMENTS

(5150/5200 DOORS 14'-2" & WIDER ONLY)



Approved:

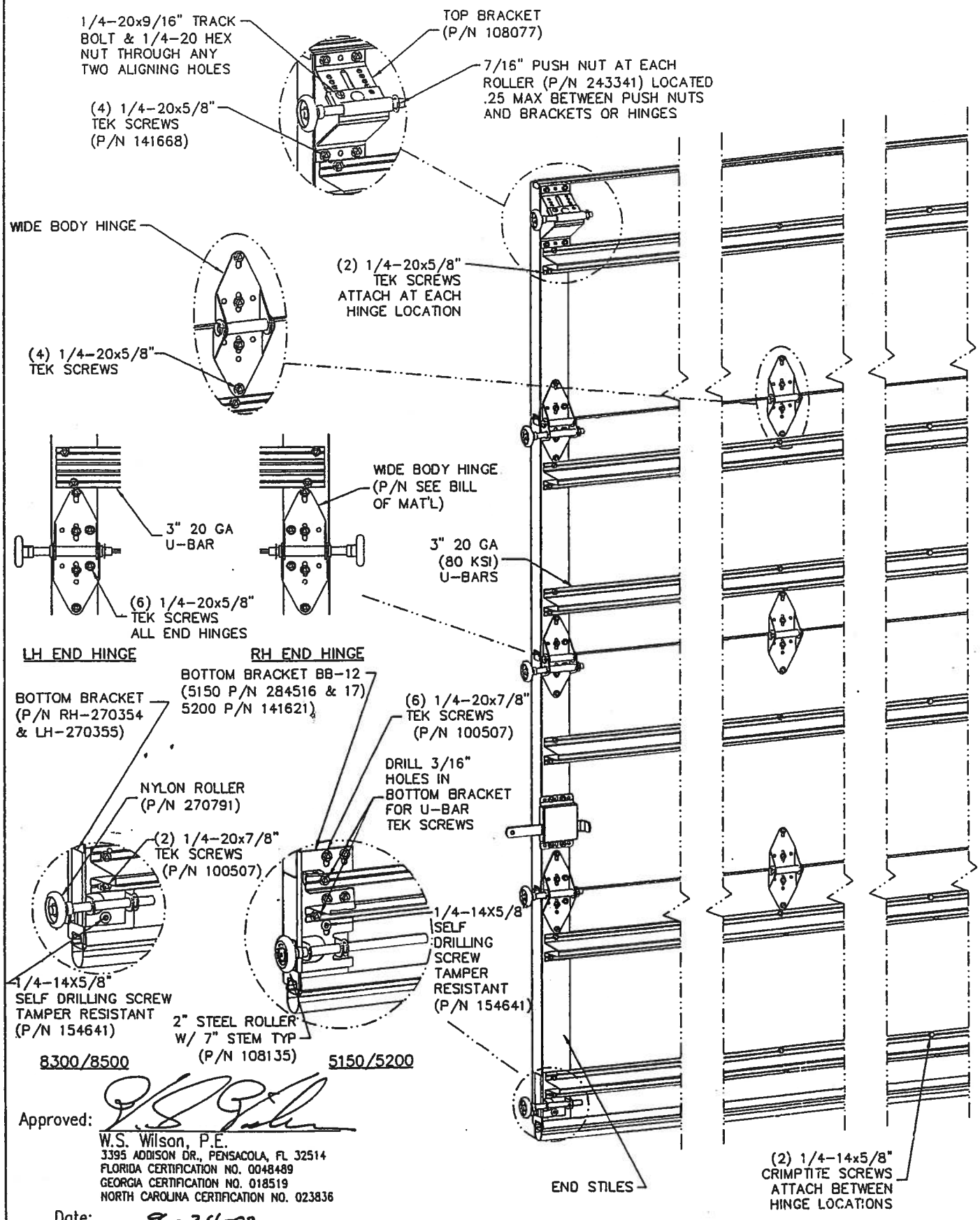
W.S. Wilson, P.E.
3395 ADDISON DR., PENSACOLA, FL 32514
FLORIDA CERTIFICATION NO. 0048489
GEORGIA CERTIFICATION NO. 018519
NORTH CAROLINA CERTIFICATION NO. 023836

Date: 9-24-02

OPTION CODE: 0125	REV: P3	8300, 8500, 5150 & 5200 +22.0/-24.66 PSF	3 OF 4

END & CENTER HINGE, TOP & BOTTOM BRACKET REQUIREMENTS

(5150/5200 DOORS LESS THAN 14'–2" WIDE, ALL 8300/8500 DOORS)



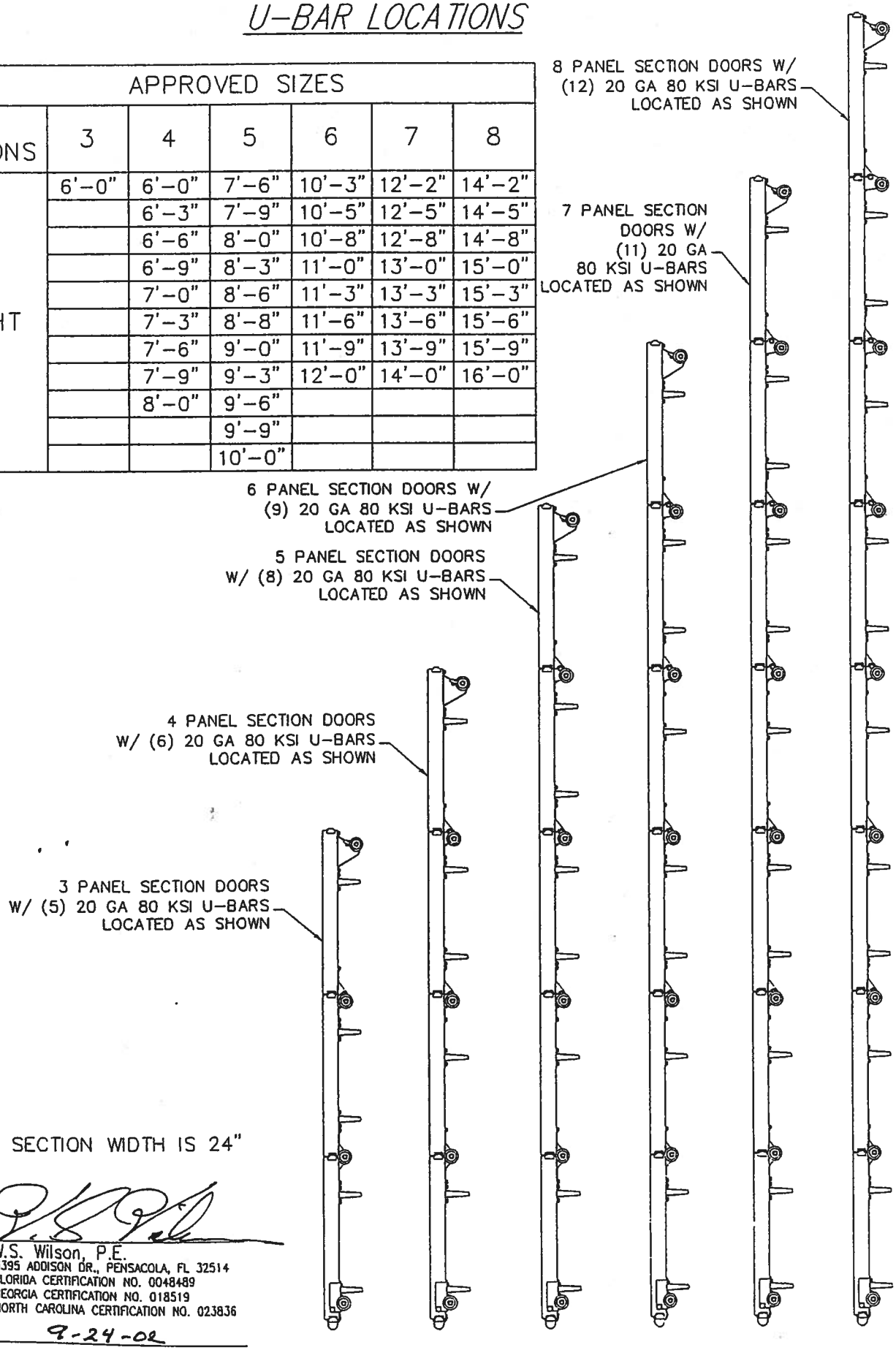
Approved:

W.S. Wilson, P.E.
3395 ADDISON DR., PENSACOLA, FL 32514
FLORIDA CERTIFICATION NO. 0048489
GEORGIA CERTIFICATION NO. 018519
NORTH CAROLINA CERTIFICATION NO. 023836

Date: 9-24-02

U-BAR LOCATIONS

APPROVED SIZES						
# SECTIONS	3	4	5	6	7	8
HEIGHT	6'-0"	6'-0"	7'-6"	10'-3"	12'-2"	14'-2"
		6'-3"	7'-9"	10'-5"	12'-5"	14'-5"
		6'-6"	8'-0"	10'-8"	12'-8"	14'-8"
		6'-9"	8'-3"	11'-0"	13'-0"	15'-0"
		7'-0"	8'-6"	11'-3"	13'-3"	15'-3"
		7'-3"	8'-8"	11'-6"	13'-6"	15'-6"
		7'-6"	9'-0"	11'-9"	13'-9"	15'-9"
		7'-9"	9'-3"	12'-0"	14'-0"	16'-0"
		8'-0"	9'-6"			
			9'-9"			
			10'-0"			



NOTE:
MAXIMUM SECTION WIDTH IS 24"

Approved:

W.S. Wilson, P.E.
3395 ADDISON DR., PENSACOLA, FL 32514
FLORIDA CERTIFICATION NO. 0048489
GEORGIA CERTIFICATION NO. 018519
NORTH CAROLINA CERTIFICATION NO. 023836

Date: 9-24-02

OPTION CODE: 0125	REV: P3	8300, 8500, 5150 & 5200 +22.0/-24.66 PSF	4 OF 4

SITE NAVIGATION

Home
Course Accreditation
Florida Building Code
Manufact. Buildings
Prototype Building
Surcharges
Training
Product Approval
License Search
Mailing List
FBC Florida Building Commission

PRODUCT APPROVAL

Product Search

Overview | Product Search | Organization Search | Product Application

User: Public User - Not Associated with Organization -

Need Help ?

Search Product Approvals to the 2001 Florida Building Code

Product Approval Applications to the 2004 Florida Building Code

Product Manufacturer: Silverline Building Products Corp.

Category: Windows

Subcategory: Double Hung

Application/Seq #: 4411

(### or ###.#)

Application Status: (ALL)

Evaluation Method: (ALL)

Order by: (•) Manufacturer ( ) Category ( ) Subcategory ( ) App / Seq # ( ) Status ( ) Evaluation Method

To edit an application that is NOT YET APPROVED, log in, search for the Application/Seq # and click on the link under "Category".

New Product Search

Page: Go Page 1 / 1

App/Seq #	Manufacturer	Category	Subcategory	Validation Entity/Validator	Status
FL4411-R1 History	Silverline Building Products Corp.	Windows	Double Hung	L.F. Schmidt, P.E. (813) 926-6537	Approved ☑ Evaluation Report - Hardcopy Received

Page: Go Page 1 / 1

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL4411-R1
Date Submitted:	07/26/2005
Code Version:	2004
Product Manufacturer:	Silverline Building Products Corp.
Address/Phone/email:	One Silverline Drive North Brunswick, NJ 08902 (732) 435-1000
Category:	Windows
Subcategory:	Double Hung
Evaluation Method:	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

Referenced Standards from the Florida Building Code:

Section	Standard	Year
	ANSI/AAMA/NWWDA 101 I.S.2	1997
	ASTM E1300	2002
	Accepted Engineering Practice	2004

Florida Engineer or Architect Name:	Wendell W. Haney
Florida License:	PE- 54158
Quality Assurance Entity:	National Accreditation and Management Institute
Validation Entity:	L.F. Schmidt, P.E.
Authorized Signature:	Pete Thornton rickw@rwbldgconsultants.com
Evaluation/Test Reports Uploaded:	PTID_4411_R1_T_4411.1 EVAL.pdf

PTID_4411_R1_T_4411.1 INST.pdf

Installation Documents Uploaded:

Product Approval Method: Method 1 Option D

Application Status: Approved
Date Validated: 09/04/2005
Date Approved: 09/06/2005
Date Certified to the 2004 Code:

Page: Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
4411.1	9500 Series, Model 9500 Tilt Double Hung	Extruded Vinyl Tilt Double Hung Window - "Non-Impact"	This product meets the requirements for the State of Florida excluding the "HVHZ". When used in wind-borne debris regions this product is required to be protected with an impact resistant covering that complies with Section 1609.1.4 of the Florida Building Code. Maximum Design Pressure Rating – Positive 45.0 PSF and Negative 45.0 PSF (see 4411.1 EVAL for any additional size and use limitations).

Next

PRODUCT APPROVAL

Product Search

User: Public User - Not Associated with Organization -

Need Help ?

Search Product Approvals to the 2001 Florida Building Code

Product Approval Applications to the 2004 Florida Building Code

Product Manufacturer: James Hardie Bldg Products

Category: Panel Walls

Subcategory: Siding

Application/Seq #: 889

(### or ###.#)

Application Status: (ALL)

Evaluation Method: (ALL)

Order by: ○ Manufacturer ◉ Category ○ Subcategory ○ App / Seq # ○ Status ○ Evaluation Method

To edit an application that is NOT YET APPROVED, log in, search for the Application/Seq # and click on the link under "Category".

New Product Search

Page: Go Page 1 / 1

App/Seq #	Manufacturer	Category	Subcategory	Validation Entity/Validator	Status
FL889-R2 History	James Hardie Bldg Products	Panel Walls	Siding	RI Ogawa & Associates, Inc. (714) 847-1280	Approved

Page: Go Page 1 / 1

The Florida Department of Community Affairs Building Code Information System

PRODUCT APPROVAL

Product Type Detail

Product Application

User: Public User - Not Associated with Organization -

Application #:	FL889
Date Submitted:	11/03/2003
Product Manufacturer:	James Hardie Bldg Products
Address/Phone/email:	10901 Elm Avenue Fontana, CA 92337 (909) 356-6366
Category:	New/Innovative Envelope Products
Subcategory:	Other claddings &a
Evaluation Method:	Evaluation Report from a Product Evaluation Entity
Referenced Standards from the Florida Building Code:	Section Standard Year
Evaluation Entity:	National Evaluation Service, Inc.
Quality Assurance Entity:	Intertek Testing Services-ETL/Warnock Hersey
Validation Entity:	Inspection Concepts, Inc.
Authorized Signature:	john mulder jlm@jameshardie.com
Evaluation/Test Reports Uploaded:	PTID_889_T_ner405.pdf
Installation Documents Uploaded:	
Product Approval Method:	Method 2 Option A
Application Status:	Approved
Date Validated:	11/18/2003

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL889-R2
Date Submitted:	11/10/2005
Code Version:	2004
Product Manufacturer:	James Hardie Bldg Products
Address/Phone/email:	10901 Elm Avenue Fontana, CA 92337 (909) 356-6366
Technical Representative:	john mulder
Technical Representative Address/Phone/email:	10901 elm avenue fontana, CA 92337 (909) 356-6366 jlm@jameshardie.com
Category:	Panel Walls
Subcategory:	Siding
Evaluation Method:	Evaluation Report from a Product Evaluation Entity

Referenced Standards from the Florida Building Code:

Section	Standard	Year
1405.15	ASTM C1186	1999
R703.10	ASTM C1186	1999

Evaluation Entity:	ICC Evaluation Service, Inc.
Quality Assurance Entity:	Intertek Testing Services-ETL/Warnock Hersey
Validation Entity:	RI Ogawa & Associates, Inc.
Authorized Signature:	john mulder jlm@jameshardie.com
Evaluation/Test Reports Uploaded:	PTID_889_R2_T_ASCE 7-02

wind load calculation.pdf
PTID_889_R2_T_ner-405 (April 2004).pdf
PTID_889_R2_T_NOA No 02-0729-.02.pdf

Installation Documents Uploaded:

Product Approval Method: Method 1 Option C

Application Status: Approved
Date Validated: 11/10/2005
Date Approved: 12/07/2005
Date Certified to the 2004 Code:

Page: Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
889.1	Cempanel siding	fiber-cement cladding	For use in HVHZ install in accordance with NOA 02-0729-02
889.2	Cemplank lap siding	fiber-cement cladding	For use in HVHZ install in accordance with NOA 02-0729-02
889.3	Cemsoffit panel	fiber-cement cladding	For use in HVHZ install in accordance with NOA 02-0729-02
889.4	Hardipanel siding	fiber-cement cladding	For use in HVHZ install in accordance with NOA 02-0729-02
889.5	Hardiplank lap siding	fiber-cement cladding	For use in HVHZ install in accordance with NOA 02-0729-02
889.6	Hardishingle cladding shingle	fiber-cement cladding	Not for use in HVHZ
889.7	Hardishingle notched panel	fiber-cement cladding	Not for use in HVHZ
889.8	Hardisoffit panel	fiber-cement cladding	For use in HVHZ install in accordance with NOA 02-0729-02
889.9	Harditex baseboard	fiber-cement cladding	For use in HVHZ install in accordance with NOA 02-0729-02
889.10	Sentry lap sidig	fiber-cement cladding	For use in HVHZ install in accordance with NOA 02-0729-02

Next

PRODUCT APPROVAL

Product Search

User: Public User - Not Associated with Organization -

Need Help ?

Search Product Approvals to the 2001 Florida Building Code

Product Approval Applications to the 2004 Florida Building Code

Product Manufacturer: UNION CORRUGATING COMPANY

Category: Roofing

Subcategory: Metal Roofing

Application/Seq #:

(### or ###.#)

Application Status: (ALL)

Evaluation Method: (ALL)

Order by: (•) Manufacturer ( ) Category ( ) Subcategory ( ) App / Seq # ( ) Status ( ) Evaluation Method

To edit an application that is NOT YET APPROVED, log in, search for the Application/Seq # and click on the link under "Category".

New Product Search

Page: Go Page 1 / 1

App/Seq #	Manufacturer	Category	Subcategory	Validation Entity/Validator	Status
FL4586	UNION CORRUGATING COMPANY	Roofing	Metal Roofing		Approved

Page: Go Page 1 / 1

PRODUCT APPROVAL

Product Type Detail

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL4586
Date Submitted:	06/03/2005
Code Version:	2004
Product Manufacturer:	UNION CORRUGATING COMPANY
Address/Phone/email:	701 S. KING ST. FAYETTEVILLE, NC 28301 (910) 483-0479
Technical Representative:	Dave Hart
Technical Representative Address/Phone/email:	701 S King St Fayetteville, NC 28303 (910) 483-0479 dhart@unioncorrugating.com
Category:	Roofing
Subcategory:	Metal Roofing
Evaluation Method:	Certification Mark or Listing

Referenced Standards from the Florida Building Code:

Section	Standard	Year
1504.3.2	UL 580	1994

Certification Agency:	Underwriters Laboratories Inc.
Quality Assurance Entity:	
Validation Entity:	
Authorized Signature:	Glenn Hart dhart@unioncorrugating.com
Evaluation/Test Reports Uploaded:	
Installation Documents Uploaded:	PTID_4586_I_5VPanelProfile.pdf PTID_4586_I_AdLokPanelProfile.pdf

PTID_4586_I_MasterRibPanelProfile.pdf
PTID_4586_I_Trim Installation.pdf

Product Approval Method: Method 1 Option A

Application Status: Approved
Date Validated: 06/03/2005
Date Approved: 06/29/2005
Date Certified to the 2004 Code:

Page: Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
4586.1	5V	Min 29 ga. Through Fastened Metal Roof	UL Construction 579. Not for use in HVHZ. Design Pressure = 52.5 psf. Increased Design pressures at perimeter and corner areas, in compliance with FBC Chapter 16, may be met through rational analysis.
4586.2	Advantage Lok	Min 29 ga. Standing Seam Metal Roof	UL Construction 529. Not for use in HVHZ. Design Pressure = 52.5 psf. Increased Design pressures at perimeter and corner areas, in compliance with FBC Chapter 16, may be met thorugh rational analysis.
4586.3	MasterRib	Min 29 ga. Through Fastened Metal Roof	UL Construction 584. Not for use in HVHZ. Design Pressure = 52.5 psf. Increased Design pressures at perimeter and corner areas, in compliance with FBC Chapter 16, may be met thorugh rational analysis.

Next

SITE NAVIGATION
Home
Course Accreditation
Florida Building Code
Manufact. Buildings
Prototype Building
Surcharges
Training
Product Approval
License Search
Mailing List
Florida Building Commission

PRODUCT APPROVAL

Product Type Detail

Overview | Product Search | Organization Search | Product Application

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL1730-R1
Date Submitted:	09/21/2005
Code Version:	2004
Product Manufacturer:	Hurri-Bolt, Inc.
Address/Phone/email:	10704 N 46th Street Tampa, FL 33617 (813) 626-1676
Technical Representative:	Joe Hale
Technical Representative Address/Phone/email:	2720 N 46th Street Tampa, FL 33605 (813) 626-1676 hbolt@tampabay.rr.com
Category:	Structural Components
Subcategory:	Wood Connectors Anchors
Evaluation Method:	Evaluation Report from a Product Evaluation Entity

Referenced Standards from the Florida Building Code:

Section	Standard	Year
2104.9.5	ASTM A 36	1994
1606.1.1	SBCCI Standard for Hurricane Resistant SSTD10-99	1999
1706.1	ASTM D1761	1988
1706.3.1	ASTM D1761	1988
2314.4.4	ASTM D1761	1988

Evaluation Entity:	SBCCI PST and ESI
Quality Assurance Entity:	PFS Corporation
Validation Entity:	R. D. Hall
Authorized Signature:	Joseph Hale

jhale@boltandnut.com

Evaluation/Test Reports Uploaded: PTID_1730_R1_T_FL1730 Installation Instruction.pdf
PTID_1730_R1_T_fl1730Ind_cert.pdf
PTID_1730_R1_T_PE_Cert_Ind_FL1730Rev1.pdf
PTID_1730_R1_T_SBCCI9910A.pdf

Installation Documents Uploaded: PTID_1730_R1_I_HW38Instructionsfl1730.pdf

Product Approval Method: Method 1 Option C

Application Status: Denied
Date Validated: 11/21/2005
Date Approved:
Date Certified to the 2004 Code:

Page: Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
1730.1	1/2" Hurri-Bolt Assembly	Hurri-Bolt Top Plate Assembly 1/2" Diameter	Detailed Limitations are listed in SBCCI Report #9910A (Uploaded) The Design Capacity of the 1/2" Hurri-Bolt assembly is 3905 lbs. at 1-3/4" min. centerline distance to free edge of slab with 3000 psi normal weight concrete with 1/2" Hurri-Wedge Anchor. Size top plate washer according to bearing capacity of wood species.
1730.2	3/4" Hurri-Bolt Assembly	Hurri-Bolt Top Plate Assembly 3/4" Diameter	Detailed Limitations are listed in SBCCI Report #9910A (Uploaded) The Design Capacity of the 3/4" Hurri-Bolt assembly is 10,000 lbs. at 1-3/4" min. centerline distance to free edge of slab with 3000 psi normal weight concrete with 7/8" threaded stud with Ultrabond 1 epoxy and 7/8" to 3/4" reducer coupler. Size top plate washer according to bearing capacity of wood species.
			Detailed Limitations are listed in SBCCI Report #9910A (Uploaded) The Design Capacity of the

1730.3	3/8" Hurri-Bolt Assembly	Hurri-Bolt Top Plate Assembly 3/8" Diameter	3/8" Hurri-Bolt assembly is 2400 lbs. at 1-3/4" min. centerline distance to free edge of slab with 3000 psi normal weight concrete with HBA anchor and a 1/2" to 3/8" reducer coupler. Size top plate washer according to bearing capacity of wood species.
1730.4	5/8" Hurri-Bolt Assembly	Hurri-Bolt Top Plate Assembly 5/8" Diameter	Detailed Limitations are listed in SBCCI Report #9910A (Uploaded) The Design Capacity of the 5/8" Hurri-Bolt assembly is 7,050 lbs. at 1-3/4" min. centerline distance to free edge of slab with 3000 psi normal weight concrete with 3/4" threaded stud with Ultrabond 1 epoxy at 9" embedment and a 3/4" to 5/8" reducer coupler. Size top plate washer according to bearing capacity of wood species.

Next

PRODUCT APPROVAL

Product Search

User: Public User - Not Associated with Organization -

Need Help ?

Search Product Approvals to the 2001 Florida Building Code

Product Approval Applications to the 2004 Florida Building Code

Product Manufacturer: MiTek Industries, Inc.

Category: Structural Components

Subcategory: Truss Plates

Application/Seq #: 2197

(### or ###.#)

Application Status: (ALL)

Evaluation Method: (ALL)

Order by: ○ Manufacturer ◉ Category ○ Subcategory ○ App / Seq # ○ Status ○ Evaluation Method

To edit an application that is NOT YET APPROVED, log in, search for the Application/Seq # and click on the link under "Category".

New Product Search

Page: Go Page 1 / 1

App/Seq #	Manufacturer	Category	Subcategory	Validation Entity/Validator	Status
FL2197-R1 History	MiTek Industries, Inc.	Structural Components	Truss Plates	Intertek Testing Services - ETL/Warnock Hersey (604) 520-3321	Approved

Page: Go Page 1 / 1

PRODUCT APPROVAL

Product Type Detail

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL2197-R1
Date Submitted:	09/14/2005
Code Version:	2004
Product Manufacturer:	MiTek Industries, Inc.
Address/Phone/email:	14515 North Outer Fourty Drive Suite 300 Chesterfield, MO 63017--574 (314) 851-7480
Technical Representative:	David Wert
Technical Representative Address/Phone/email:	14515 North Outer Fourty Drive Suite 300 Chesterfield, MO 63017-5746 (314) 851-7480 dwert@mii.com
Category:	Structural Components
Subcategory:	Truss Plates
Evaluation Method:	Evaluation Report from a Product Evaluation Entity

Referenced Standards from the Florida Building Code:

Section	Standard	Year
2302.4, 2319.17.2.1.	ANSI/TPI 1	1995
2302.4, 2319.17.2.1.	ANSI/TPI 1	2002

Evaluation Entity:	ICC Evaluation Service, Inc.
Quality Assurance Entity:	Intertek Testing Services-ETL/Warnock Hersey
Validation Entity:	Intertek Testing Services - ETL/Warnock Hersey

Authorized Signature:	David Wert david.c.wert@mii.com
Evaluation/Test Reports Uploaded:	PTID_2197_R1_T_95-43.01.pdf PTID_2197_R1_T_9604b.pdf PTID_2197_R1_T_ESR-1311.pdf PTID_2197_R1_T_ESR-1352.pdf PTID_2197_R1_T_ICC ES Certificate of Independence.pdf PTID_2197_R1_T_NOA_02-042902.pdf PTID_2197_R1_T_NOA_02-042910.pdf
Installation Documents Uploaded:	
Product Approval Method:	Method 1 Option C
Application Status:	Approved
Date Validated:	09/22/2005
Date Approved:	10/11/2005
Date Certified to the 2004 Code:	

Page: Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
2197.1	MT16	16 ga. truss connector plate	Not for use in HVHZ
2197.2	MT18	18 ga. truss connector plate	Can be used for HVHZ per NOA 02-0429.02
2197.3	MT20	20 ga. truss connector plate	Can be used for HVHZ per NOA 02-0429.10
2197.4	MT20HS	20 ga. high strength truss connector plate	Not for use in HVHZ

Next

SITE NAVIGATION

Home
Course Accreditation
Florida Building Code
Manufact. Buildings
Prototype Building
Surcharges
Training
Product Approval
License Search
Mailing List
Florida Building Commission

PRODUCT APPROVAL

Product Search

Overview | Product Search | Organization Search | Product Application

User: Public User - Not Associated with Organization -

Need Help ?

Search Product Approvals to the 2001 Florida Building Code

Product Approval Applications to the 2004 Florida Building Code

Product Manufacturer: Boise Engineered Wood Products

Category: Structural Components

Subcategory: Engineered Lumber

Application/Seq #:

(### or ###.#)

Application Status: (ALL)

Evaluation Method: (ALL)

Order by: (•) Manufacturer ( ) Category ( ) Subcategory ( ) App / Seq # ( ) Status ( ) Evaluation Method

To edit an application that is NOT YET APPROVED, log in, search for the Application/Seq # and click on the link under "Category".

New Product Search

Page: Go Page 1 / 1

App/Seq #	Manufacturer	Category	Subcategory	Validation Entity/Validator	Status
FL1644-R1	Boise Engineered Wood Products	Structural Components	Engineered Lumber	PFS Corporation (608) 221-3361	Applied For

Page: Go Page 1 / 1

PRODUCT APPROVAL

Product Type Detail

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL1644-R1
Date Submitted:	11/01/2005
Code Version:	2004
Product Manufacturer:	Boise Engineered Wood Products
Address/Phone/email:	PO Box 2400 White City, OR 97503 (541) 826-0207
Category:	Structural Components
Subcategory:	Engineered Lumber
Evaluation Method:	Evaluation Report from a Product Evaluation Entity

Referenced Standards from the Florida Building Code:

Section	Standard	Year
	ASTM D 5456	2000

Evaluation Entity:	ICC Evaluation Service, Inc.
Quality Assurance Entity:	PFS Corporation
Validation Entity:	PFS Corporation
Authorized Signature:	Dan Cheney dancheney@boisebuilding.com
Evaluation/Test Reports Uploaded:	PTID_1644_R1_T_1040.pdf
Installation Documents Uploaded:	
Product Approval Method:	Method 1 Option C
Application Status:	Applied For
Date Validated:	
Date Approved:	

Date Certified to the 2004 Code:

Page: Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
1644.1	Versa-Lam	Laminated Veneer Lumber	Floor, Roof, and Wall Framing

Next

NOTICE OF TREATMENT

Applicator Name _____

Address _____

City _____

Time _____ Date _____

SITE LOCATION 24204

Lot #_____ Block #_____ Permit #_____

Subdivision_____

Address _____

Name of Chemical Applied _____ Used 23 %

Area Treated _____

Gallons Used_____

Remarks _____

Applicator - White Permit File - Canary Permit Holder - Pink

M 1043

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 18-7S-16-04236-062 **Building permit No.** 000024204

Use Classification SFD,UTILITY **Fire:** 0.00

Permit Holder FREDRICK HAMMOND **Waste:** 0.00

Owner of Building WILLIAM & JOYCE CARTER **Total:** 0.00

Location: 968 SW BLUFF DRIVE, FT. WHITE, FL

Date: 10/26/2006

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Bill Carter
HVAC Load Calculations

for

Fredrick G Hammond
P.O Box 1201
Newberry Fl 32669

Elite Software

RHVAC Residential HVAC Loads

Prepared By:
Chuck Fischer
North Central Florida Air Conditioning
P.O Box 700
High Springs Fl 32655-0700
386-454-4767
Tuesday, February 07, 2006

Project Report

General Project Information

Project Filename:	C:\Documents and Settings\Heat\My Documents\Projects\AutoLoad MJ8.rhv
Project Title:	Bill Carter
Designed By:	Chuck Fischer
Project Date:	February 6th 2006
Client Name:	Fredrick G Hammond
Client Address:	P.O Box 1201
Client City:	Newberry Fl 32669
Client Phone:	352-283-0000
Client Comment:	
Company Name:	North Central Florida Air Conditioning
Company Representative:	Chuck Fischer
Company Address:	P.O Box 700
Company City:	High Springs Fl 32655-0700
Company Phone:	386-454-4767
Company Fax:	386-454-4854
Company Comment:	Bedroom 2&3 R/A are 10x10x8 Master bedroom R/A is 12x12x9 Main R/A is 20x24x18

Design Data

Reference City:		Gainesville, Florida
Daily Temperature Range:		Medium
Latitude:	29	Degrees
Elevation:	152	ft.
Altitude Factor:	0.995	
Elevation Sensible Adj. Factor:	1.000	
Elevation Total Adj. Factor:	1.000	
Elevation Heating Adj. Factor:	1.000	
Elevation Heating Adj. Factor:	1.000	

	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum	Indoor Dry Bulb	Grains Difference
Winter:	31	0	0	68	0
Summer:	93	77	50	75	50

Check Figures

Total Building Supply CFM:	462	CFM Per Square ft.:	0.458
Square ft. of Room Area:	1,009	Square ft. Per Ton:	921
Volume (ft³) of Cond. Space:	8,794	Air Turnover Rate (per hour):	3.2

Building Loads

Total Heating Required With Outside Air:	25,760 Btuh	25.760 MBH	
Total Sensible Gain:	10,119 Btuh	81 %	
Total Latent Gain:	2,445 Btuh	19 %	
Total Cooling Required With Outside Air:	12,564 Btuh	1.05 Tons (Based On Sensible + Latent)	
		1.10 Tons (Based On 77% Sensible Capacity)	

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

Miscellaneous Report

System 1 Main Floor Input Data	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum	Indoor Dry Bulb	Grains Difference
Winter:	31	0	50	68	30.84
Summer:	93	77	50	75	50.06

Duct Sizing Inputs

	Main Trunk		Runouts	
Calculate:	Yes		Yes	
Use Schedule:	No		No	
Roughness Factor:	0.00300		0.01000	
Pressure Drop:	0.1000	in.wg./100 ft.	0.1000	in.wg./100 ft.
Minimum Velocity:	650	ft./min	450	ft./min
Maximum Velocity:	900	ft./min	750	ft./min
Minimum Height:	0	in.	0	in.
Maximum Height:	0	in.	0	in.

Outside Air Data

	Winter		Summer	
Infiltration:	0.900	AC/hr	0.400	AC/hr
Volume of Conditioned Space:	X 8794	Cu.ft.	X 8794	Cu.ft.
	7,915	Cu.ft./hr	3,518	Cu.ft./hr
	X 0.0167		X 0.0167	
Total Building Infiltration:	132	CFM	59	CFM
Total Building Ventilation:	0	CFM	0	CFM

---System 1---

Infiltration & Ventilation Sensible Gain Multiplier:	19.69	= (1.10 X 0.995 X 18.00 Summer Temp. Difference)
Infiltration & Ventilation Latent Gain Multiplier:	33.85	= (0.68 X 0.995 X 50.06 Grains Difference)
Infiltration & Ventilation Sensible Loss Multiplier:	40.48	= (1.10 X 0.995 X 37.00 Winter Temp. Difference)

Load Preview Report

Scope	Area	Sens Gain	Lat Gain	Net Gain	Sens Loss	Win CFM	Sum CFM	Sys CFM	Duct Size
Building: 1.05 Net Tons, 1.10 Recommended Tons, 921 ft²/Ton, 25.76 MBH Heating									
Building	1,009	10,119	2,445	12,564	25,760	336	462	462	
System 1: 1.05 Net Tons, 1.10 Recommended Tons, 921 ft²/Ton, 25.76 MBH Heating									
System 1	1,009	10,119	2,445	12,564	25,760	336	462	462	11x10
Zone 1	1,009	10,119	2,445	12,564	25,760	336	462	462	
1-Garage	720	6,856	1,705	8,561	16,108	210	313	313	3-6
2-Storage	289	3,262	740	4,002	9,652	126	149	149	2-5

Total Building Summary Loads

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.1, outdoor insect screen with 50% coverage, external shade screen coefficient of 0.45 and 50% coverage	25	600	0	576	576
11P: Door-Polyurethane Core	145.7	1,563	0	1,225	1,225
12B-4sw: Wall-Frame, R-11 insulation in 2 x 4 stud cavity, R-4 board insulation, siding finish, wood studs	1379	3,725	0	2,260	2,260
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	1009.2	1,194	0	1,389	1,389
22A-ph: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy moist soil	180	9,045	0	0	0
Subtotals for structure:		16,127	0	5,450	5,450
People:	2		460	600	1,060
Equipment:			0	0	0
Lighting:	360			1,228	1,228
Ductwork:		4,294	0	1,687	1,687
Infiltration: Winter CFM: 132, Summer CFM: 59		5,339	1,985	1,154	3,139
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
Total Building Load Totals:		25,760	2,445	10,119	12,564

Check Figures

Total Building Supply CFM:	462	CFM Per Square ft.:	0.458
Square ft. of Room Area:	1,009	Square ft. Per Ton:	921
Volume (ft^3) of Cond. Space:	8,794	Air Turnover Rate (per hour):	3.2

Building Loads

Total Heating Required With Outside Air:	25,760 Btuh	25.760 MBH	
Total Sensible Gain:	10,119 Btuh	81 %	
Total Latent Gain:	2,445 Btuh	19 %	
Total Cooling Required With Outside Air:	12,564 Btuh	1.05 Tons (Based On Sensible + Latent)	
		1.10 Tons (Based On 77% Sensible Capacity)	

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1 Main Floor Summary Loads (Average Method)

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.1, outdoor insect screen with 50% coverage, external shade screen coefficient of 0.45 and 50% coverage	25	600	0	576	576
11P: Door-Polyurethane Core	145.7	1,563	0	1,225	1,225
12B-4sw: Wall-Frame, R-11 insulation in 2 x 4 stud cavity, R-4 board insulation, siding finish, wood studs	1379	3,725	0	2,260	2,260
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	1009.2	1,194	0	1,389	1,389
22A-ph: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy moist soil	180	9,045	0	0	0
Subtotals for structure:		16,127	0	5,450	5,450
People:	2		460	600	1,060
Equipment:			0	0	0
Lighting:	360			1,228	1,228
Ductwork:		4,294	0	1,687	1,687
Infiltration: Winter CFM: 132, Summer CFM: 59		5,339	1,985	1,154	3,139
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
System 1 Main Floor Load Totals:		25,760	2,445	10,119	12,564

Check Figures

Supply CFM:	462	CFM Per Square ft.:	0.458
Square ft. of Room Area:	1,009	Square ft. Per Ton:	921
Volume (ft^3) of Cond. Space:	8,794	Air Turnover Rate (per hour):	3.2

System Loads

Total Heating Required With Outside Air:	25,760 Btuh	25.760 MBH	
Total Sensible Gain:	10,119 Btuh	81 %	
Total Latent Gain:	2,445 Btuh	19 %	
Total Cooling Required With Outside Air:	12,564 Btuh	1.05 Tons (Based On Sensible + Latent)	
		1.10 Tons (Based On 77% Sensible Capacity)	

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1, Zone 1 Summary Loads (Average Method)

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.1, outdoor insect screen with 50% coverage, external shade screen coefficient of 0.45 and 50% coverage	25	600	0	576	576
11P: Door-Polyurethane Core	145.7	1,563	0	1,225	1,225
12B-4sw: Wall-Frame, R-11 insulation in 2 x 4 stud cavity, R-4 board insulation, siding finish, wood studs	1379	3,725	0	2,260	2,260
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	1009.2	1,194	0	1,389	1,389
22A-ph: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy moist soil	180	9,045	0	0	0
Subtotals for structure:		16,127	0	5,450	5,450
People:	2		460	600	1,060
Equipment:			0	0	0
Lighting:	360			1,228	1,228
Ductwork:		4,294	0	1,687	1,687
Infiltration: Winter CFM: 132, Summer CFM: 59		5,339	1,985	1,154	3,139
System 1, Zone 1 Load Totals:		25,760	2,445	10,119	12,564

Check Figures

Supply CFM:	462	CFM Per Square ft.:	0.458
Square ft. of Room Area:	1,009	Square ft. Per Ton:	921
Volume (ft^3) of Cond. Space:	8,794	Air Turnover Rate (per hour):	3.2

Zone Loads

Total Heating Required:	25,760 Btuh	25.760 MBH	
Total Sensible Gain:	10,119 Btuh	81 %	
Total Latent Gain:	2,445 Btuh	19 %	
Total Cooling Required:	12,564 Btuh	1.05	Tons (Based On Sensible + Latent)
		1.10	Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Air Sys CFM
---Zone 1---										
1	Garage	720	16,108	210	3-6	532	6,856	1,705	313	313
2	Storage	289	9,652	126	2-5	547	3,262	740	149	149
	System 1 total	1,009	25,760	336			10,119	2,445	462	462

System 1 Main Trunk Size:	11x10	in.
Velocity:	701	ft./min
Loss per 100 ft.:	0.098	in.wg

Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	1.05	81% / 19%	10,119	2,445	12,564
Recommended:	1.10	77% / 23%	10,119	3,022	13,141
Actual:	1.50	71% / 29%	12,800	5,200	18,000

Equipment Data

	Heating System	Cooling System
Type:		Air Cooled Condensor
Model:		GSC130181A*+AWB24-XX
Brand:		Goodman
Efficiency:		13 SEER
Sound:		
Capacity:		18000
Sensible Capacity:	n/a	12,800 Btuh
Latent Capacity:	n/a	5,200 Btuh

RE: CARTER - CARTER RESIDENCE

MiTek Industries, Inc.
1801 Massaro Blvd.
Tampa, Fl 33619
Phone: 813/675-1200
Fax: 813/675-1148

Site Information:
Project Customer: BILL CARTER Project Name: CARTER RESIDENCE
Lot/Block: Subdivision:
Address:
City: FT. WHITE State: FL

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

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

Design Code: FBC2004/TPI2002 Design Program: MiTek 20/20 6.2
Wind Code: N/A Wind Speed: 110 mph Design Method: User defined
Roof Load: 47.0 psf Floor Load: 55.0 psf

This package includes 17 individual, dated 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#	Job ID#	Truss Name	Date	No.	Seal#	Job ID#	Truss Name	Date
1	T1931922	CARTER	1A	12/29/05	17	T1931938	CARTER	PB1	12/29/05
2	T1931923	CARTER	1AG	12/29/05					
3	T1931924	CARTER	1B	12/29/05					
4	T1931925	CARTER	1C	12/29/05					
5	T1931926	CARTER	1CG	12/29/05					
6	T1931927	CARTER	1D	12/29/05					
7	T1931928	CARTER	1DG	12/29/05					
8	T1931929	CARTER	1DS	12/29/05					
9	T1931930	CARTER	D1	12/29/05					
10	T1931931	CARTER	FG1	12/29/05					
11	T1931932	CARTER	M1	12/29/05					
12	T1931933	CARTER	M1S	12/29/05					
13	T1931934	CARTER	M2	12/29/05					
14	T1931935	CARTER	M3	12/29/05					
15	T1931936	CARTER	M4	12/29/05					
16	T1931937	CARTER	PB	12/29/05					

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Cox Lumber-Ocala, FL.

Truss Design Engineer's Name: Zhang, Guo-jie
My license renewal date for the state of is February 28, 2007.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

Zhang, Guo-jie

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	1A	ROOF TRUSS	12	1	T1931922

Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:15 2005 Page 1

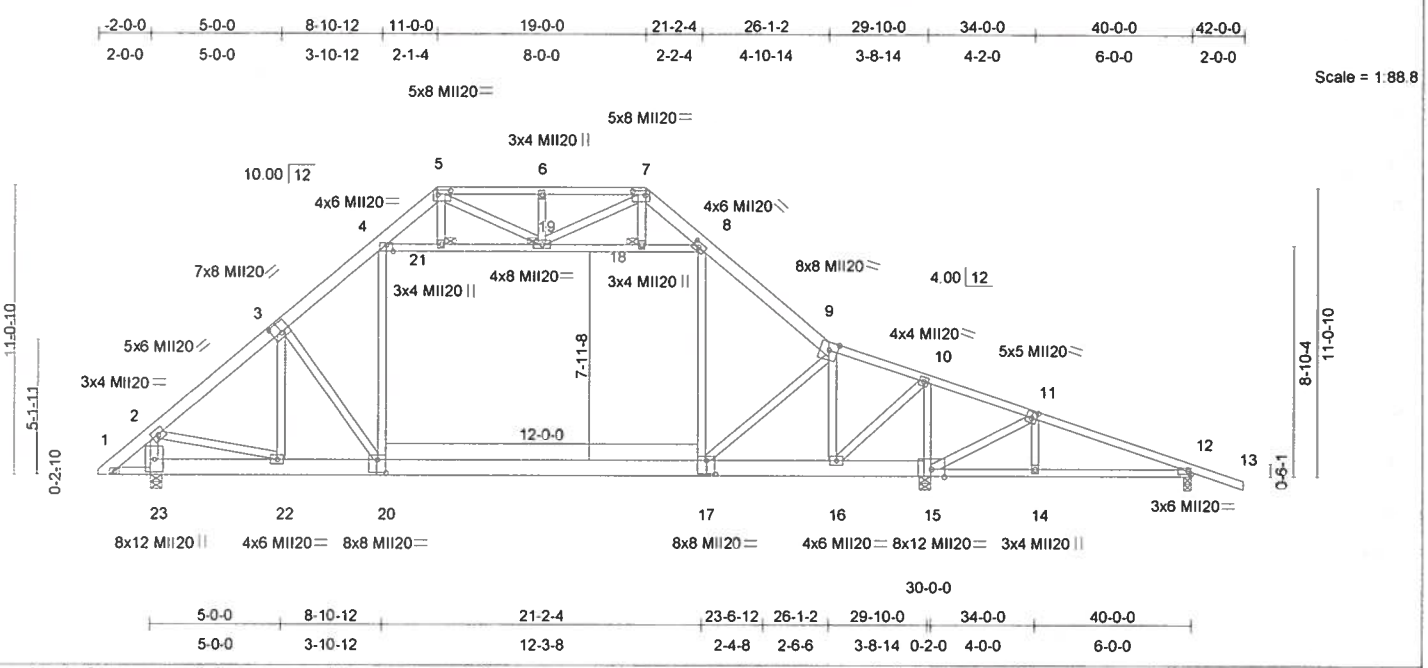


Plate Offsets (X,Y): [3:0-4-0,0-4-8], [4:0-3-0,0-3-0], [5:0-6-0,0-1-12], [7:0-6-0,0-1-12], [8:0-2-12,0-2-4], [11:0-2-8,0-3-0], [17:0-4-0,0-6-4], [20:0-4-0,0-6-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.59	Vert(LL)	-0.23	17-20	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.51	Vert(TL)	-0.41	17-20	>868	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.71	Horz(TL)	0.04	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 332 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D *Except* 3-5 2 X 6 SYP No.2, 7-9 2 X 6 SYP SS, 1-3 2 X 6 SYP No.2
BOT CHORD 2 X 8 SYP SS *Except* 4-8 2 X 4 SYP No.2D, 12-15 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 21, 18, 19

REACTIONS (lb/size) 23=2355/0-5-8, 15=2836/0-5-8, 12=541/0-3-8
Max Horz 23=-413(load case 2)
Max Uplift 23=-150(load case 4), 15=-280(load case 5), 12=-482(load case 3)
Max Grav 23=2355(load case 1), 15=2944(load case 10), 12=541(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/91, 2-3=-2353/53, 3-4=-2615/29, 4-5=-948/241, 5-6=-945/332, 6-7=-945/332, 7-8=-908/219, 8-9=-2591/59, 9-10=-1501/281, 10-11=-595/785, 11-12=-563/624, 12-13=0/33, 2-23=-2212/189
BOT CHORD 22-23=-132/438, 20-22=-8/1683, 17-20=0/1925, 16-17=-0/1465, 15-16=-715/685, 14-15=-478/514, 12-14=-476/518
WEBS 3-20=-79/586, 4-20=0/966, 5-21=0/211, 7-18=0/177, 8-17=-73/1001, 9-17=-1/842, 9-16=-1942/20, 10-16=-109/2301, 11-15=-645/230, 11-14=0/99, 4-21=-1239/19, 19-21=-1212/19, 18-19=-1291/70, 8-18=-1310/70, 6-19=-282/191, 7-19=-206/392, 5-19=-231/325, 10-15=-2388/207, 3-22=-813/0, 2-22=0/1585

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Ceiling dead load (5.0 psf) on member(s). 4-21, 19-21, 18-19, 8-18; Wall dead load (10.0psf) on member(s).4-20, 8-17
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 17-20
7) Bearing at joint(s) 15 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 150 lb uplift at joint 23, 280 lb uplift at joint 15 and 482 lb uplift at joint 12.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert #6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	1AG	ROOF TRUSS	2	1	T1931923
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:17 2005 Page 1

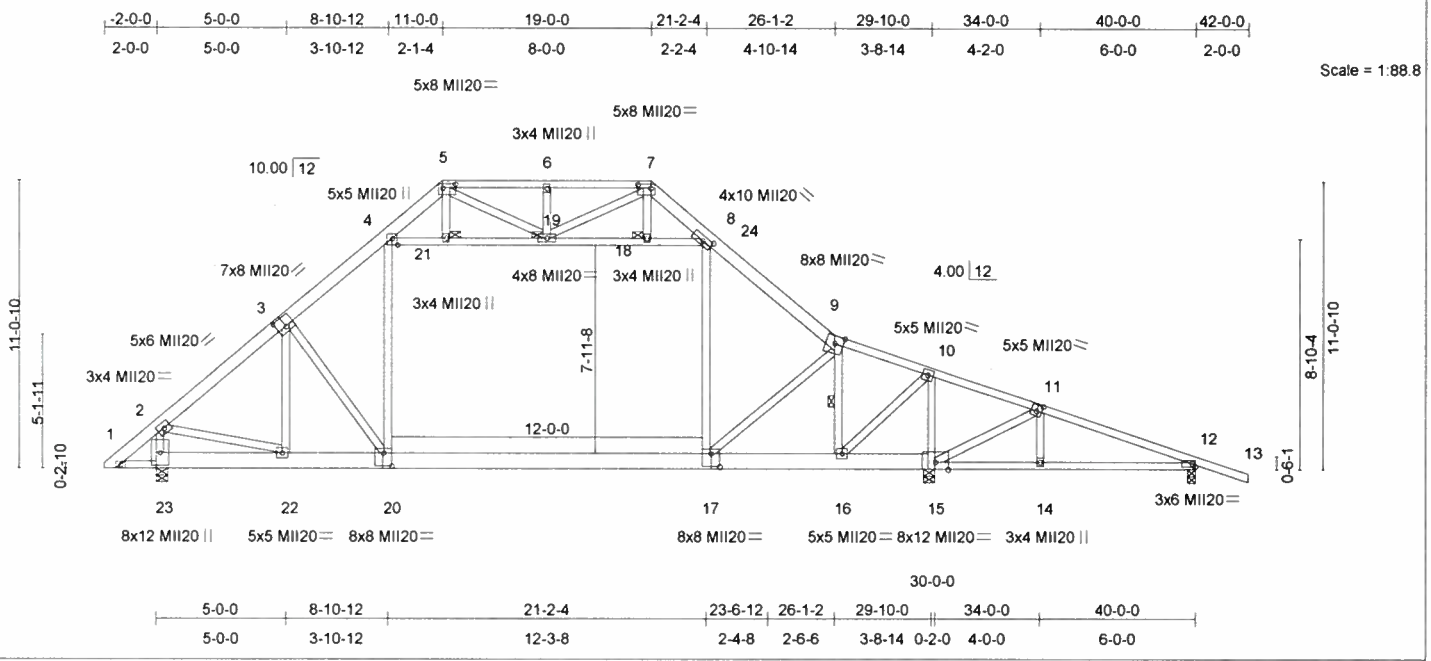


Plate Offsets (X,Y): [3:0-4-0,0-4-8], [4:0-3-0,0-2-8], [5:0-6-0,0-1-12], [7:0-6-0,0-1-12], [8:0-4-8,0-2-4], [11:0-2-8,0-3-0], [17:0-4-0,0-6-0], [20:0-4-0,0-6-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.86	Vert(LL)	-0.25	17-20	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.57	Vert(TL)	-0.46	17-20	>778	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.97	Horz(TL)	0.05	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 332 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D *Except* 3-5 2 X 6 SYP No.2, 7-9 2 X 6 SYP SS, 1-3 2 X 6 SYP No.2
BOT CHORD 2 X 8 SYP SS *Except* 4-8 2 X 4 SYP No.2D, 12-15 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except* 10-16 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 9-16
JOINTS 1 Brace at Jt(s): 21, 18, 19

REACTIONS (lb/size) 23=2968/0-5-8, 15=4283/0-5-8, 12=505/0-3-8
Max Horz 23=-413(load case 2)
Max Uplift 23=-315(load case 4), 15=-296(load case 2), 12=-543(load case 3)
Max Grav 23=2968(load case 1), 15=4391(load case 10), 12=505(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/91, 2-3=-3060/247, 3-4=-3407/231, 4-5=-1039/275, 5-6=-976/343, 6-7=-976/343, 7-8=-957/233, 8-24=-3007/269, 9-24=-3632/319, 9-10=-2420/526, 10-11=-419/863, 11-12=-456/796, 12-13=0/33, 2-23=-2813/354
BOT CHORD 22-23=-141/425, 20-22=-156/2217, 17-20=0/2534, 16-17=-225/2275, 15-16=-781/520, 14-15=-639/412, 12-14=-636/416
WEBS 3-20=-94/710, 4-20=-129/1493, 5-21=-1/285, 7-18=-6/242, 8-17=-139/1221, 9-17=0/567, 9-16=-2806/85, 10-16=-198/3468, 11-15=-600/221, 11-14=0/96, 4-21=-1782/142, 19-21=-1745/141, 18-19=-1903/233, 8-18=-1931/235, 6-19=-281/191, 7-19=-232/432, 5-19=-201/275, 10-15=-3815/243, 3-22=-960/10, 2-22=-59/2098

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Ceiling dead load (5.0 psf) on member(s). 4-21, 19-21, 18-19, 8-18; Wall dead load (10.0psf) on member(s).4-20, 8-17
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 17-20
7) Bearing at joint(s) 15 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 315 lb uplift at joint 23, 296 lb uplift at joint 15 and 543 lb uplift at joint 12.
9) Load case(s) 1, 2, 3, 4, 5, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 640 lb down and 244 lb up at 8-10-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
   Vert: 1-2=-74, 2-5=-74, 5-7=-74, 7-24=-74, 10-13=-74, 20-23=-20, 17-20=-120, 12-17=-20, 4-21=-10, 18-21=-10, 8-18=-10
   Drag: 4-20=-20, 8-17=-20
   Concentrated Loads (lb)
   Vert: 20=-640(F)
   Trapezoidal Loads (plf)
   Vert: 24=-204(F=-130)-to-9=-248(F=-174), 9=-248(F=-174)-to-10=-286(F=-212)
2) MWFRS Wind Left: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
   Vert: 1-2=9, 2-5=-12, 5-7=46, 7-24=22, 10-12=29, 12-13=21, 20-23=-10, 17-20=-22, 12-17=-10, 4-21=-6, 18-21=-6, 8-18=-6
   Horz: 1-2=-18, 2-5=4, 7-9=31, 9-12=37, 12-13=29, 2-23=22
   Drag: 4-20=-20, 8-17=-20, 2-23=0
   Concentrated Loads (lb)
   Vert: 20=244(F)
   Trapezoidal Loads (plf)
   Vert: 24=72(F=50)-to-9=28(F=6), 9=35(F=6)-to-10=-3(F=-32)
3) MWFRS Wind Right: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
   Vert: 1-2=15, 2-5=22, 5-7=46, 7-24=-12, 10-12=46, 12-13=68, 20-23=-10, 17-20=-22, 12-17=-10, 4-21=-6, 18-21=-6, 8-18=-6
   Horz: 1-2=-23, 2-5=-31, 7-9=-4, 9-12=54, 12-13=76, 2-23=-29
   Drag: 4-20=-20, 8-17=-20, 2-23=-0
   Concentrated Loads (lb)
   Vert: 20=244(F)
   Trapezoidal Loads (plf)
   Vert: 24=37(F=50)-to-9=-6(F=6), 9=52(F=6)-to-10=14(F=-32)
4) MWFRS 1st Wind Parallel: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
   Vert: 1-2=56, 2-5=38, 5-7=24, 7-24=24, 10-12=24, 12-13=17, 20-23=-10, 17-20=-22, 12-17=-10, 4-21=-6, 18-21=-6, 8-18=-6
   Horz: 1-2=-65, 2-5=-46, 7-9=32, 9-12=32, 12-13=25, 2-23=-23
   Drag: 4-20=-20, 8-17=-20, 2-23=-0
   Concentrated Loads (lb)
   Vert: 20=189(F)
   Trapezoidal Loads (plf)
   Vert: 24=62(F=38)-to-9=18(F=-5), 9=18(F=-5)-to-10=-20(F=-43)
5) MWFRS 2nd Wind Parallel: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
   Vert: 1-2=17, 2-5=24, 5-7=24, 7-24=38, 10-12=38, 12-13=56, 20-23=-10, 17-20=-22, 12-17=-10, 4-21=-6, 18-21=-6, 8-18=-6
   Horz: 1-2=-25, 2-5=-32, 7-9=46, 9-12=46, 12-13=65, 2-23=-23
   Drag: 4-20=-20, 8-17=-20, 2-23=-0
   Concentrated Loads (lb)
   Vert: 20=189(F)
   Trapezoidal Loads (plf)
   Vert: 24=76(F=38)-to-9=32(F=-5), 9=32(F=-5)-to-10=-5(F=-43)
8) Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-14, 2-5=-14, 5-7=-14, 7-24=-14, 10-13=-14, 20-23=-20, 17-20=-120, 12-17=-20, 4-21=-10, 18-21=-10, 8-18=-10
   Drag: 4-20=-20, 8-17=-20
   Concentrated Loads (lb)
   Vert: 20=-231(F)
   Trapezoidal Loads (plf)
   Vert: 24=-61(F=-47)-to-9=-105(F=-91), 9=-105(F=-91)-to-10=-143(F=-129)
9) 1st unbalanced Regular: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
   Vert: 1-2=-74, 2-5=-74, 5-7=-74, 7-24=-14, 10-13=-14, 20-23=-20, 17-20=-120, 12-17=-20, 4-21=-10, 18-21=-10, 8-18=-10
   Drag: 4-20=-20, 8-17=-20
   Concentrated Loads (lb)
   Vert: 20=-640(F)
   Trapezoidal Loads (plf)
   Vert: 24=-144(F=-130)-to-9=-188(F=-174), 9=-188(F=-174)-to-10=-226(F=-212)
10) 2nd unbalanced Regular: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
   Vert: 1-2=-14, 2-5=-14, 5-7=-74, 7-24=-74, 10-13=-74, 20-23=-20, 17-20=-120, 12-17=-20, 4-21=-10, 18-21=-10, 8-18=-10
   Drag: 4-20=-20, 8-17=-20
   Concentrated Loads (lb)
   Vert: 20=-640(F)
   Trapezoidal Loads (plf)
   Vert: 24=-204(F=-130)-to-9=-248(F=-174), 9=-248(F=-174)-to-10=-286(F=-212)

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	1B	ROOF TRUSS	1	1	T1931924
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:18 2005 Page 1

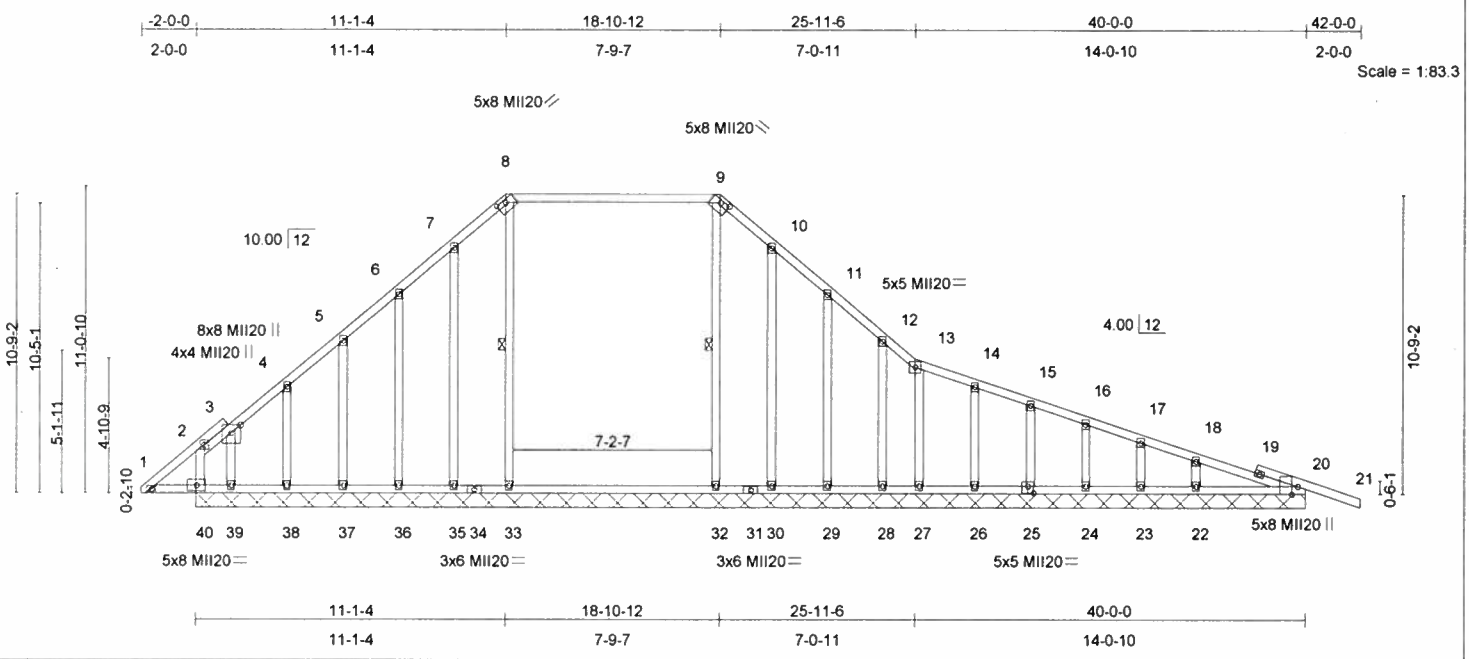


Plate Offsets (X,Y): [3:0-3-9,0-4-0], [8:0-4-0,0-1-4], [9:0-4-0,0-1-4], [20:0-3-8,Edge], [25:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.57	Vert(LL)	-0.02	21	n/r	180	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.14	Vert(TL)	-0.03	21	n/r	120		
BCLL	0.0	Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.02	20	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 269 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 8-33, 9-32

REACTIONS (lb/size) 40=319/40-0-0, 20=349/40-0-0, 27=157/40-0-0, 33=681/40-0-0, 32=682/40-0-0, 35=-88/40-0-0, 36=237/40-0-0, 37=179/40-0-0, 38=191/40-0-0, 39=29/40-0-0, 30=-90/40-0-0, 29=244/40-0-0, 28=135/40-0-0, 26=200/40-0-0, 25=181/40-0-0, 24=200/40-0-0, 23=149/40-0-0, 22=291/40-0-0
Max Horz 40=-368(load case 2)
Max Uplift 40=-391(load case 4), 20=-272(load case 3), 27=-186(load case 3), 33=-215(load case 2), 32=-267(load case 2), 35=-211(load case 9), 36=-132(load case 4), 37=-120(load case 4), 38=-131(load case 4), 30=-212(load case 8), 29=-131(load case 5), 28=-99(load case 5), 26=-100(load case 3), 25=-77(load case 3), 24=-85(load case 3), 23=-81(load case 3), 22=-95(load case 3)
Max Grav 40=319(load case 8), 20=349(load case 9), 27=158(load case 9), 33=683(load case 8), 32=683(load case 9), 35=155(load case 2), 36=237(load case 8), 37=179(load case 1), 38=191(load case 8), 39=87(load case 4), 30=163(load case 3), 29=244(load case 9), 28=135(load case 1), 26=200(load case 9), 25=181(load case 1), 24=200(load case 9), 23=149(load case 1), 22=291(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/97, 2-3=-89/251, 3-4=-44/226, 4-5=-48/331, 5-6=-45/430, 6-7=-66/542, 7-8=-83/591, 8-9=-8/518, 9-10=-115/604, 10-11=-94/585, 11-12=-176/503, 12-13=-220/438, 13-14=-210/328, 14-15=-236/303, 15-16=-261/284, 16-17=-287/260, 17-18=-311/241, 18-19=-340/209, 19-20=-347/199, 20-21=0/33
BOT CHORD 39-40=-168/368, 38-39=-168/368, 37-38=-168/368, 36-37=-168/368, 35-36=-168/368, 34-35=-168/368, 33-34=-168/368, 32-33=-171/372, 31-32=-168/367, 30-31=-168/367, 29-30=-168/367, 28-29=-168/367, 27-28=-168/367, 26-27=-161/366, 25-26=-161/366, 24-25=-163/364, 23-24=-163/364, 22-23=-163/364, 20-22=-163/364
WEBS 13-27=-123/204, 8-33=-540/286, 9-32=-541/338, 2-40=-312/395, 7-35=-165/191, 6-36=-181/160, 5-37=-144/138, 4-38=-149/152, 3-39=-69/15, 10-30=-173/191, 11-29=-186/160, 12-28=-108/112, 14-26=-160/120, 15-25=-142/96, 16-24=-155/108, 17-23=-122/94, 18-22=-221/132

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x4 MII20 unless otherwise indicated.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Gable requires continuous bottom chord bearing.

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	1B	ROOF TRUSS	1	1	T1931924
					Job Reference (optional)

NOTES

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 391 lb uplift at joint 40, 272 lb uplift at joint 20, 186 lb uplift at joint 27, 215 lb uplift at joint 33, 267 lb uplift at joint 32, 211 lb uplift at joint 35, 132 lb uplift at joint 36, 120 lb uplift at joint 37, 131 lb uplift at joint 38, 212 lb uplift at joint 30, 131 lb uplift at joint 29, 99 lb uplift at joint 28, 100 lb uplift at joint 26, 77 lb uplift at joint 25, 85 lb uplift at joint 24, 81 lb uplift at joint 23 and 95 lb uplift at joint 22.

LOAD CASE(S) Standard

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE	T1931925
CARTER	1C	ROOF TRUSS	9	1	Job Reference (optional)	

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:19 2005 Page 1

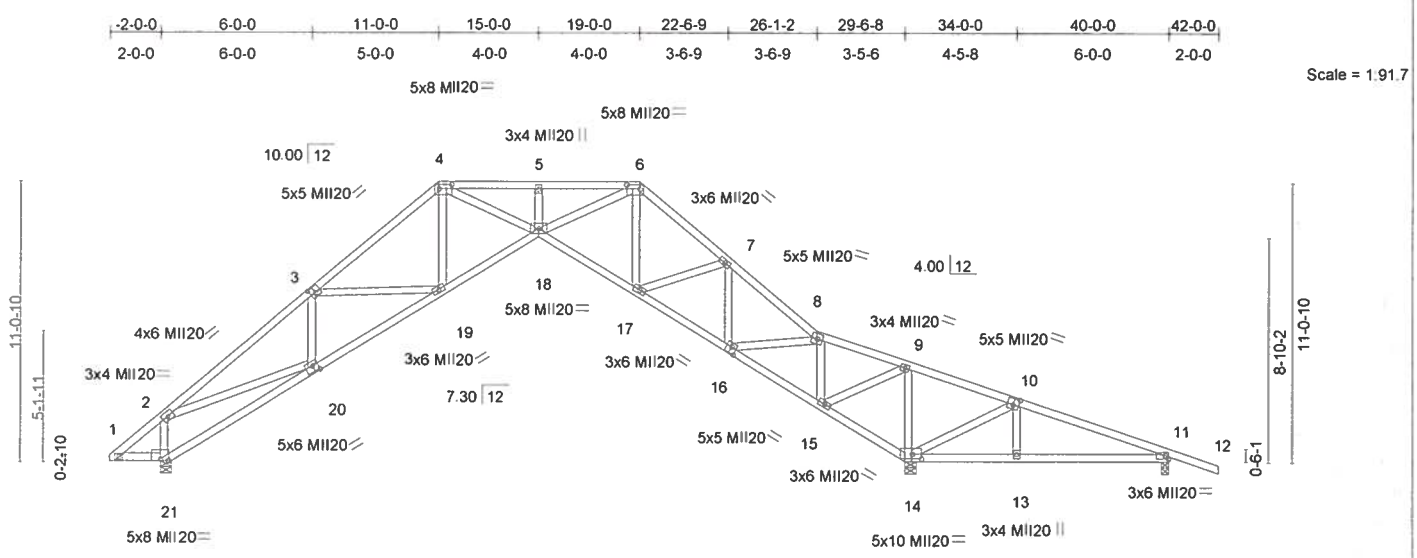


Plate Offsets (X,Y): [3:0-2-8,0-3-0], [4:0-6-4,0-2-0], [6:0-6-4,0-2-0], [10:0-2-8,0-3-0], [14:0-4-8,0-2-4], [16:0-2-8,0-3-0], [20:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.67	Vert(LL)	-0.23	18	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.35	Vert(TL)	-0.42	18-19	>836	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.71	Horz(TL)	0.53	14	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 234 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-11-11 oc bracing.

REACTIONS (lb/size) 14=2968/0-5-8, 11=-183/0-3-8, 21=1258/0-5-8
Max Horz 21=-420(load case 2)
Max Uplift14=-441(load case 4), 11=-428(load case 8), 21=-385(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/97, 2-3=-2180/558, 3-4=-2089/411, 4-5=-3105/280, 5-6=-3105/280, 6-7=-1359/243, 7-8=-527/359, 8-9=-1/1269, 9-10=-219/2465, 10-11=-162/1781, 11-12=0/33, 2-21=-1243/522
BOT CHORD 20-21=-226/546, 19-20=-436/1849, 18-19=-58/1774, 17-18=0/1133, 16-17=0/438, 15-16=-1317/250, 14-15=-2688/371, 13-14=-1598/190, 11-13=-1592/192
WEBS 3-20=-355/115, 3-19=-104/325, 4-19=-157/164, 4-18=0/1755, 5-18=-248/218, 6-18=-131/2360, 6-17=-507/87, 7-17=-57/702, 7-16=-1041/91, 8-16=-68/1425, 8-15=-1140/239, 9-15=-199/1251, 9-14=-1172/295, 10-14=-795/269, 10-13=0/130, 2-20=-189/1533

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Bearing at joint(s) 14, 21 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 441 lb uplift at joint 14, 428 lb uplift at joint 11 and 385 lb uplift at joint 21.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert #6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	1CG	ROOF TRUSS	2	1	T1931926
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:21 2005 Page 1

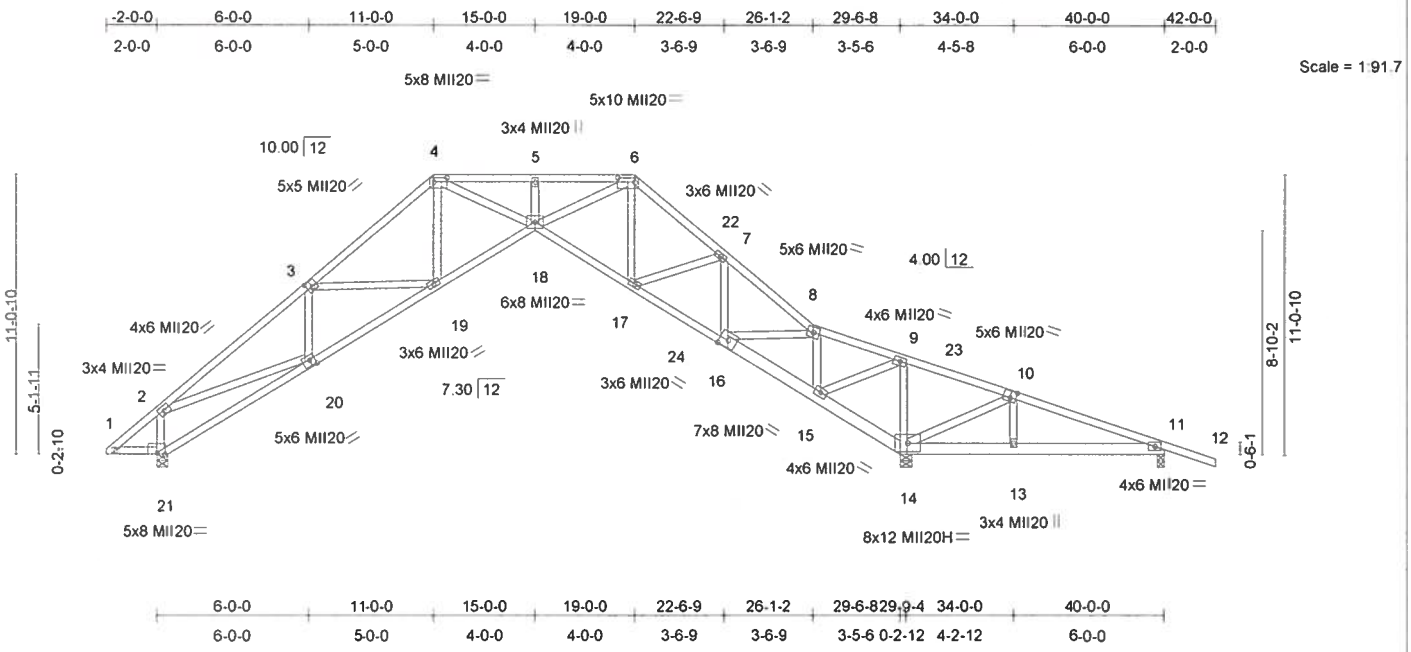


Plate Offsets (X,Y): [3:0-2-8,0-3-0], [4:0-6-4,0-2-0], [6:0-8-4,0-2-0], [10:0-2-12,0-3-4], [16:0-4-0,0-3-4], [20:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.83	Vert(LL)	-0.31	18-19	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.68	Vert(TL)	-0.59	18-19	>600	180	MII20H	187/143
BCLL	0.0	Rep Stress Incr	NO	WB	0.85	Horz(TL)	0.74	14	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 250 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D *Except* 8-10 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2D *Except* 11-14 2 X 6 SYP No.2, 14-16 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3 *Except* 9-14 2 X 4 SYP SS

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-6-8 oc bracing.

REACTIONS (lb/size) 14=5493/0-5-8, 11=-795/0-3-8, 21=1399/0-5-8
Max Horz 21=-419(load case 2)
Max Uplift 14=-832(load case 3), 11=-1032(load case 8), 21=-417(load case 4)
Max Grav 14=5493(load case 1), 11=80(load case 4), 21=1399(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/97, 2-3=-2521/636, 3-4=-2562/520, 4-5=-4175/525, 5-6=-4175/525, 6-22=-2053/438, 7-22=-2273/437, 7-8=-1692/594, 8-9=-169/1807, 9-23=-516/4330, 10-23=-531/4302, 10-11=-457/3578, 11-12=0/39, 2-21=-1386/555
BOT CHORD 20-21=-228/543, 19-20=-507/2155, 18-19=-154/2193, 17-18=-27/1876, 17-24=-293/1439, 16-24=-176/1089, 15-16=-1619/391, 14-15=-4747/736, 13-14=-3302/469, 11-13=-3295/471
WEBS 3-20=-440/135, 3-19=-141/300, 4-19=-149/125, 4-18=-139/2535, 5-18=-223/209, 6-18=-274/2818, 6-17=-303/0, 7-17=-39/595, 7-16=-1302/157, 8-15=-2734/459, 9-15=-365/2699, 9-14=-2596/345, 10-14=-831/290, 10-13=0/160, 2-20=-250/1800, 8-16=-360/2465

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Bearing at joint(s) 14, 21 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 832 lb uplift at joint 14, 1032 lb uplift at joint 11 and 417 lb uplift at joint 21.
8) Load case(s) 1, 2, 3, 4, 5, 8, 9 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
9) Uplift for first LC exceeds limits
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 640 lb down and 244 lb up at 21-1-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
      Vert: 1-2=-74, 2-4=-74, 4-6=-74, 6-22=-74, 12-23=-74, 18-21=-20, 14-18=-20, 11-14=-20
   Concentrated Loads (lb)
      Vert: 24=-640(F)
   Trapezoidal Loads (plf)
      Vert: 22=-204(F=-130)-to-8=-248(F=-174), 8=-248(F=-174)-to-23=-287(F=-213)
2) MWFRS Wind Left: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
      Vert: 1-2=9, 2-4=-12, 4-6=46, 6-22=22, 11-23=29, 11-12=21, 18-21=-10, 14-18=-10, 11-14=-10
      Horz: 1-2=-18, 2-4=4, 6-8=31, 8-11=37, 11-12=29, 2-21=22
      Drag: 4-5=-0, 5-6=0
   Concentrated Loads (lb)
      Vert: 24=244(F)
   Trapezoidal Loads (plf)
      Vert: 22=72(F=50)-to-8=28(F=6), 8=35(F=6)-to-23=-5(F=-33)
3) MWFRS Wind Right: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
      Vert: 1-2=15, 2-4=22, 4-6=46, 6-22=-12, 11-23=46, 11-12=68, 18-21=-10, 14-18=-10, 11-14=-10
      Horz: 1-2=-23, 2-4=-31, 6-8=-4, 8-11=54, 11-12=76, 2-21=-29
      Drag: 4-5=-0, 5-6=0
   Concentrated Loads (lb)
      Vert: 24=244(F)
   Trapezoidal Loads (plf)
      Vert: 22=37(F=50)-to-8=-6(F=6), 8=52(F=6)-to-23=12(F=-33)
4) MWFRS 1st Wind Parallel: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
      Vert: 1-2=56, 2-4=38, 4-6=24, 6-22=24, 11-23=24, 11-12=17, 18-21=-10, 14-18=-10, 11-14=-10
      Horz: 1-2=-65, 2-4=-46, 6-8=32, 8-11=32, 11-12=25, 2-21=-23
      Drag: 4-5=-0, 5-6=0
   Concentrated Loads (lb)
      Vert: 24=189(F)
   Trapezoidal Loads (plf)
      Vert: 22=62(F=38)-to-8=18(F=-5), 8=18(F=-5)-to-23=-21(F=-45)
5) MWFRS 2nd Wind Parallel: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
      Vert: 1-2=17, 2-4=24, 4-6=24, 6-22=38, 11-23=38, 11-12=56, 18-21=-10, 14-18=-10, 11-14=-10
      Horz: 1-2=-25, 2-4=-32, 6-8=46, 8-11=46, 11-12=65, 2-21=-23
      Drag: 4-5=-0, 5-6=0
   Concentrated Loads (lb)
      Vert: 24=189(F)
   Trapezoidal Loads (plf)
      Vert: 22=76(F=38)-to-8=32(F=-5), 8=32(F=-5)-to-23=-7(F=-45)
8) 1st unbalanced Regular: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
      Vert: 1-2=-74, 2-4=-74, 4-6=-74, 6-22=-14, 12-23=-14, 18-21=-20, 14-18=-20, 11-14=-20
   Concentrated Loads (lb)
      Vert: 24=-640(F)
   Trapezoidal Loads (plf)
      Vert: 22=-144(F=-130)-to-8=-188(F=-174), 8=-188(F=-174)-to-23=-227(F=-213)
9) 2nd unbalanced Regular: Lumber Increase=1.33, Plate Increase=1.33
   Uniform Loads (plf)
      Vert: 1-2=-14, 2-4=-14, 4-6=-74, 6-22=-74, 12-23=-74, 18-21=-20, 14-18=-20, 11-14=-20
   Concentrated Loads (lb)
      Vert: 24=-640(F)
   Trapezoidal Loads (plf)
      Vert: 22=-204(F=-130)-to-8=-248(F=-174), 8=-248(F=-174)-to-23=-287(F=-213)

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	1D	ROOF TRUSS	4	1	T1931927
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:22 2005 Page 1

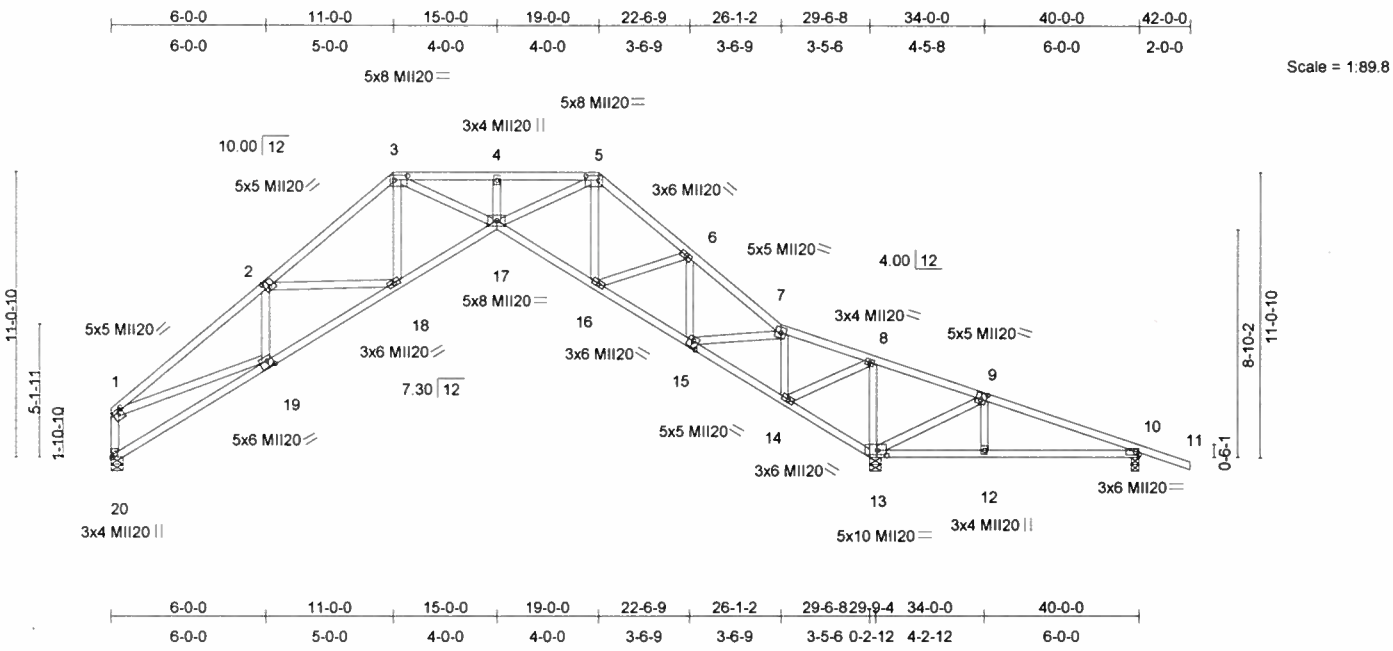


Plate Offsets (X,Y): [1:0-1-12,0-1-8], [2:0-2-8,0-3-0], [3:0-6-4,0-2-0], [5:0-6-4,0-2-0], [9:0-2-8,0-3-0], [13:0-4-8,0-2-4], [15:0-2-8,0-3-0], [19:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.68	Vert(LL)	-0.23	17	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.36	Vert(TL)	-0.43	17-18	>830	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.72	Horz(TL)	0.54	13	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 228 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-11-8 oc bracing.

REACTIONS (lb/size) 13=2980/0-5-8, 10=-188/0-3-8, 20=1099/0-5-8
Max Horz 20=-450(load case 2)
Max Uplift13=-442(load case 4), 10=-433(load case 8), 20=-269(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2224/557, 2-3=-2113/414, 3-4=-3132/282, 4-5=-3132/282, 5-6=-1367/243, 6-7=-527/359, 7-8=-1/1280, 8-9=-220/2479, 9-10=-163/1795, 10-11=0/33, 1-20=-1125/396
BOT CHORD 19-20=-209/556, 18-19=-443/1894, 17-18=-58/1795, 16-17=0/1140, 15-16=0/438, 14-15=-1328/250, 13-14=-2705/372, 12-13=-1611/191, 10-12=-1605/193
WEBS 2-19=-349/126, 2-18=-105/329, 3-18=-162/178, 3-17=0/1764, 4-17=-248/218, 5-17=-129/2383, 5-16=-513/86, 6-16=-57/708, 6-15=-1048/92, 7-15=-69/1434, 7-14=-1144/238, 8-14=-199/1256, 8-13=-1175/295, 9-13=-796/269, 9-12=0/130, 1-19=-205/1498

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Bearing at joint(s) 13, 20 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 442 lb uplift at joint 13, 433 lb uplift at joint 10 and 269 lb uplift at joint 20.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE	T1931928
CARTER	1DG	ROOF TRUSS	1	1	Job Reference (optional)	

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:23 2005 Page 1

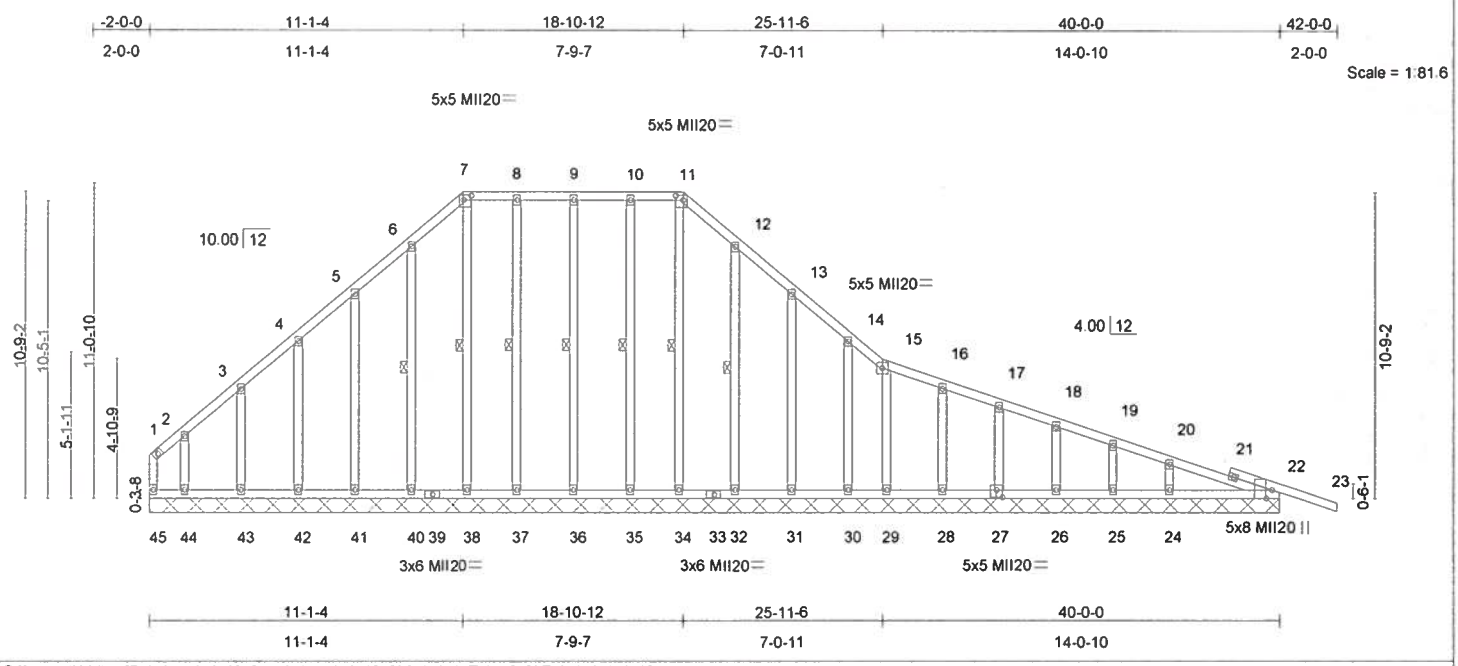


Plate Offsets (X,Y): [7:0-3-4,0-2-0], [11:0-3-4,0-2-0], [22:0-3-8,Edge], [27:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.26	Vert(LL)	-0.02	23	n/r	180	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.08	Vert(TL)	-0.03	23	n/r	120		
BCLL	0.0	Rep Stress Incr	NO	WB	0.14	Horz(TL)	0.02	22	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 306 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 44-45,43-44,42-43,41-42,40-41,38-40.
WEBS 1 Row at midpt 7-38, 11-34, 9-36, 10-35, 8-37, 6-40, 12-32

REACTIONS (lb/size) 45=30/40-0-0, 22=349/40-0-0, 29=155/40-0-0, 38=173/40-0-0, 34=173/40-0-0, 36=191/40-0-0, 35=182/40-0-0, 37=182/40-0-0, 40=184/40-0-0, 41=189/40-0-0, 42=187/40-0-0, 43=193/40-0-0, 44=163/40-0-0, 32=182/40-0-0, 31=195/40-0-0, 30=145/40-0-0, 28=201/40-0-0, 27=181/40-0-0, 26=200/40-0-0, 25=149/40-0-0, 24=291/40-0-0
Max Horz 45=-400(load case 2)
Max Uplift 45=-19(load case 4), 22=-264(load case 3), 29=-174(load case 3), 38=-33(load case 2), 34=-92(load case 2), 36=-85(load case 3), 35=-73(load case 2), 37=-81(load case 2), 40=-89(load case 4), 41=-132(load case 4), 42=-117(load case 4), 43=-123(load case 4), 44=-103(load case 4), 32=-98(load case 5), 31=-131(load case 5), 30=-96(load case 5), 28=-100(load case 3), 27=-78(load case 3), 26=-85(load case 3), 25=-82(load case 3), 24=-94(load case 3)
Max Grav 45=30(load case 8), 22=349(load case 9), 29=155(load case 9), 38=235(load case 4), 34=261(load case 4), 36=191(load case 9), 35=186(load case 8), 37=186(load case 9), 40=184(load case 1), 41=189(load case 8), 42=187(load case 1), 43=193(load case 8), 44=163(load case 1), 32=182(load case 1), 31=195(load case 9), 30=145(load case 9), 28=201(load case 9), 27=181(load case 1), 26=200(load case 9), 25=149(load case 1), 24=291(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-10/37, 2-3=-45/109, 3-4=-48/211, 4-5=-47/310, 5-6=-48/417, 6-7=-49/498, 7-8=-36/426, 8-9=-35/426, 9-10=-35/426, 10-11=-36/426, 11-12=-82/512, 12-13=-147/459, 13-14=-216/394, 14-15=-261/395, 15-16=-243/299, 16-17=-269/257, 17-18=-294/223, 18-19=-319/184, 19-20=-344/149, 20-21=-373/113, 21-22=-380/104, 22-23=0/33
BOT CHORD 44-45=-75/400, 43-44=-75/400, 42-43=-75/400, 41-42=-75/400, 40-41=-75/400, 39-40=-75/400, 38-39=-75/400, 37-38=-78/400, 36-37=-78/400, 35-36=-78/400, 34-35=-78/400, 33-34=-75/399, 32-33=-75/399, 31-32=-75/399, 30-31=-75/399, 29-30=-75/399, 28-29=-70/397, 27-28=-70/397, 26-27=-71/395, 25-26=-71/395, 24-25=-71/395, 22-24=-71/395
WEBS 15-29=-122/190, 7-38=-217/52, 11-34=-242/110, 9-36=-150/106, 10-35=-149/92, 8-37=-149/99, 1-45=-24/23, 6-40=-143/110, 5-41=-149/152, 4-42=-147/136, 3-43=-152/144, 2-44=-129/121, 12-32=-142/118, 13-31=-154/152, 14-30=-113/112, 16-28=-160/120, 17-27=-142/97, 18-26=-155/107, 19-25=-122/94, 20-24=-221/131

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x4 MII20 unless otherwise indicated.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.

Continued on page 2

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	1DG	ROOF TRUSS	1	1	T1931928
					Job Reference (optional)

NOTES

6) Gable requires continuous bottom chord bearing.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 45, 264 lb uplift at joint 22, 174 lb uplift at joint 29, 33 lb uplift at joint 38, 92 lb uplift at joint 34, 85 lb uplift at joint 36, 73 lb uplift at joint 35, 81 lb uplift at joint 37, 89 lb uplift at joint 40, 132 lb uplift at joint 41, 117 lb uplift at joint 42, 123 lb uplift at joint 43, 103 lb uplift at joint 44, 98 lb uplift at joint 32, 131 lb uplift at joint 31, 96 lb uplift at joint 30, 100 lb uplift at joint 28, 78 lb uplift at joint 27, 85 lb uplift at joint 26, 82 lb uplift at joint 25 and 94 lb uplift at joint 24.

LOAD CASE(S) Standard

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	1DS	ROOF TRUSS	1	1	T1931929
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:24 2005 Page 1

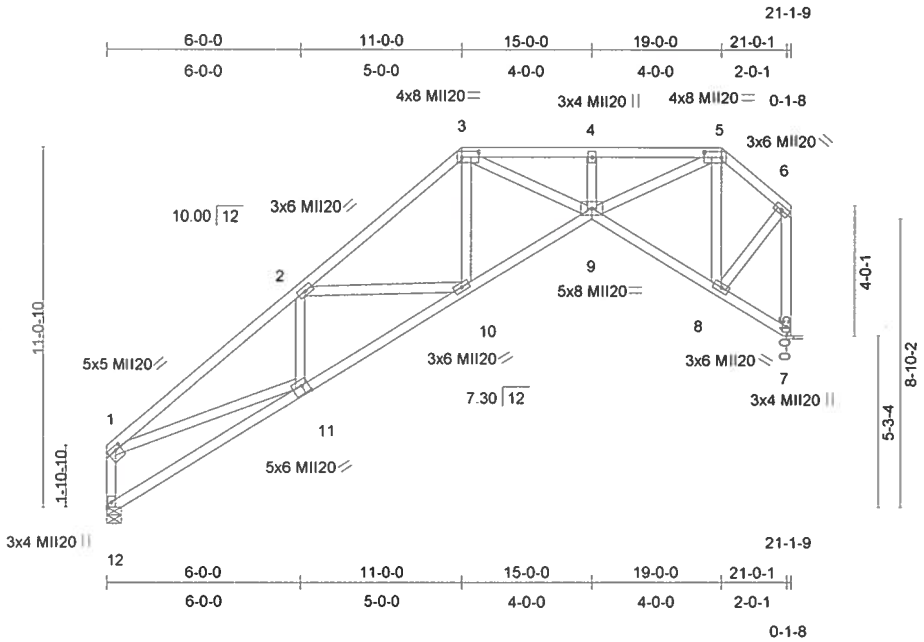


Plate Offsets (X,Y): [1:0-2-0,0-1-8], [3:0-6-4,0-2-0], [5:0-6-4,0-2-0], [11:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.63	Vert(LL)	0.11	9-10	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.29	Vert(TL)	-0.20	9-10	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.26	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 134 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-4 oc bracing.

REACTIONS (lb/size) 7=979/Mechanical, 12=979/0-5-8
Max Horz 12=423(load case 3)
Max Uplift7=-318(load case 3), 12=-183(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1938/664, 2-3=-1717/663, 3-4=-2217/1045, 4-5=-2217/1045, 5-6=-629/205, 1-12=-1003/437, 6-7=-974/343
BOT CHORD 11-12=-535/308, 10-11=-897/1634, 9-10=-769/1443, 8-9=-285/522, 7-8=-47/64
WEBS 2-11=-278/160, 2-10=-154/297, 3-10=-145/204, 3-9=-534/1090, 4-9=-277/214, 5-9=-990/1960, 5-8=-724/405, 1-11=-326/1279, 6-8=-330/719

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 318 lb uplift at joint 7 and 183 lb uplift at joint 12.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert #6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	D1	ROOF TRUSS	10	1	T1931930
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:25 2005 Page 1

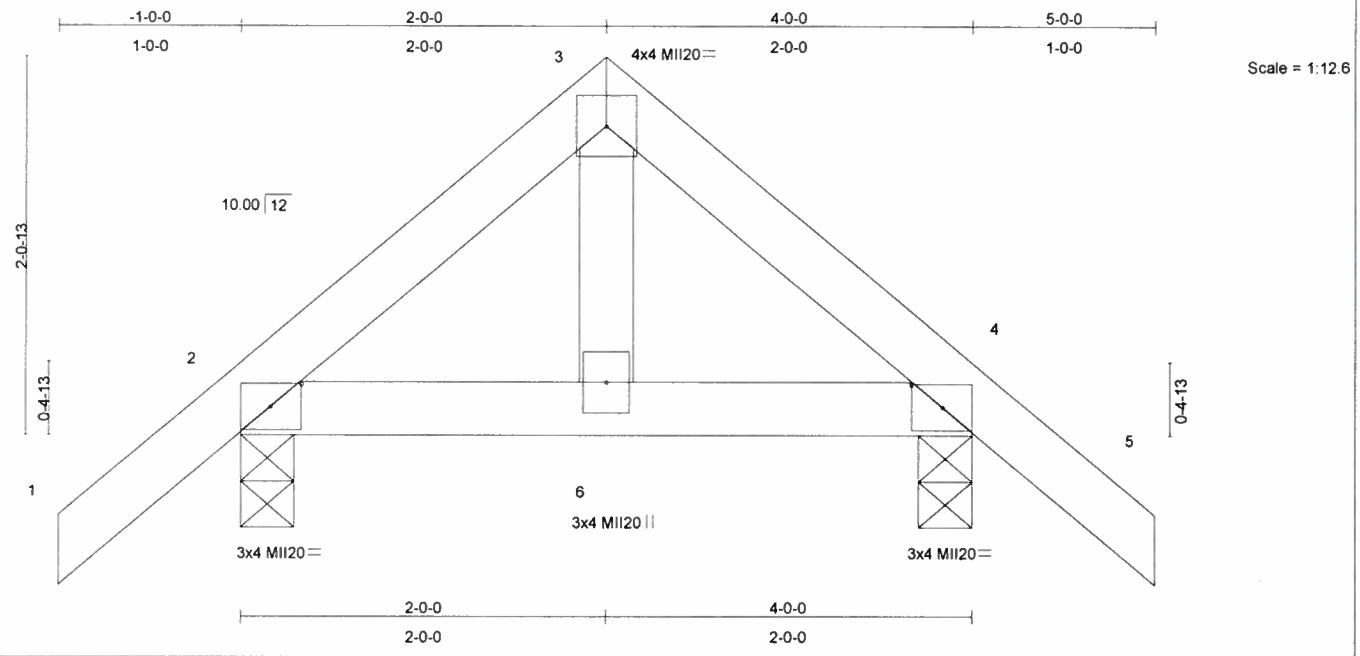


Plate Offsets (X,Y): [2:0-2-1,0-1-8], [4:0-2-1,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.09	Vert(LL)	-0.00	2	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.02	Vert(TL)	-0.00	6	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.01	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 20 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=259/0-3-8, 4=259/0-3-8
Max Horz 2=64(load case 3)
Max Uplift2=-114(load case 4), 4=-114(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-158/16, 3-4=-158/15, 4-5=0/47
BOT CHORD 2-6=0/98, 4-6=0/98
WEBS 3-6=0/43

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 114 lb uplift at joint 2 and 114 lb uplift at joint 4.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

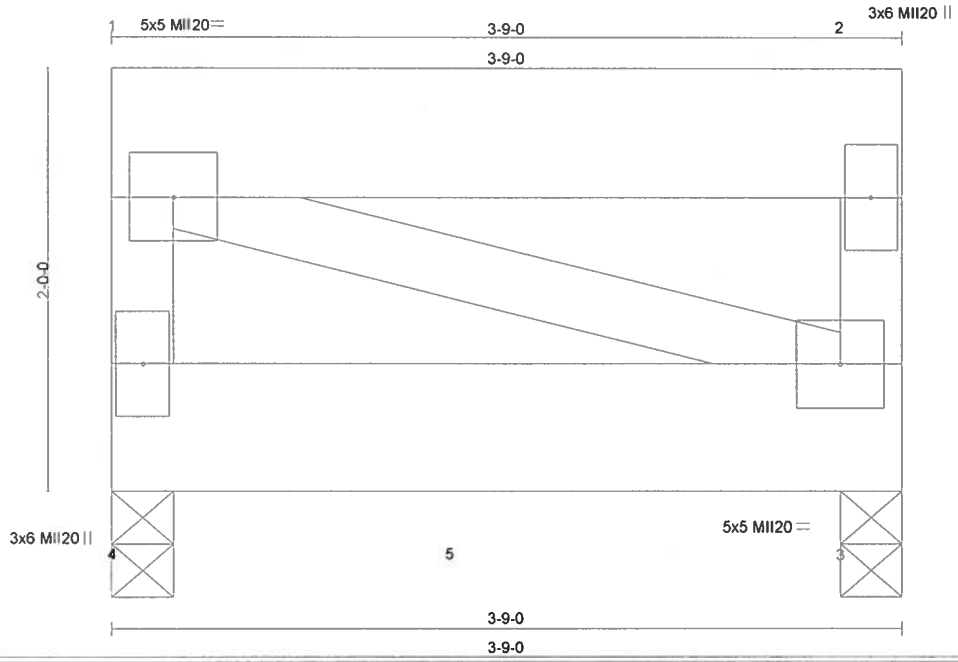
December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	FG1	FLAT	2	1	T1931931
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:26 2005 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.04	Vert(LL)	0.01	3-4	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.26	Vert(TL)	-0.02	3-4	>999	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.01	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 30 lb	

LUMBER
TOP CHORD 2 X 8 SYP SS
BOT CHORD 2 X 8 SYP SS
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=685/0-3-8, 3=615/0-3-8
Max Horz 4=-60(load case 2)
Max Uplift4=-214(load case 2), 3=-193(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-4=-128/77, 1-2=-13/17, 2-3=-128/65
BOT CHORD 4-5=-43/47, 3-5=-43/47
WEBS 1-3=-32/32

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) Provide adequate drainage to prevent water ponding.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 214 lb uplift at joint 4 and 193 lb uplift at joint 3.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 975 lb down and 287 lb up at 1-9-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 3-4=-20, 1-2=-74
Concentrated Loads (lb)
Vert: 5=-975(F)

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE	T1931932
CARTER	M1	ROOF TRUSS	1	1	Job Reference (optional)	

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:27 2005 Page 1

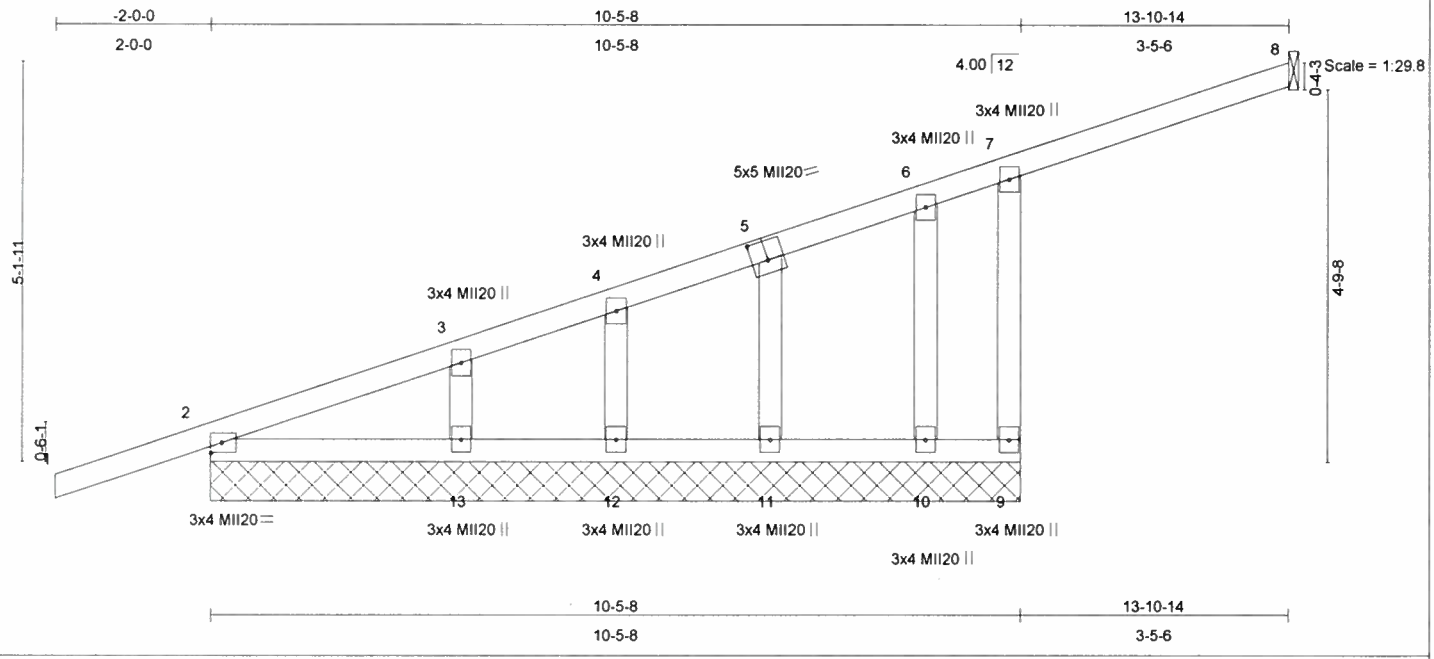


Plate Offsets (X,Y): [5:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.26	Vert(LL)	0.00	2-13	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.06	Vert(TL)	0.00	2-13	>999	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.03	Horz(TL)	-0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 58 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 8=105/Mechanical, 9=242/10-5-8, 2=331/10-5-8, 12=174/10-5-8, 13=221/10-5-8, 11=196/10-5-8, 10=110/10-5-8
Max Horz 2=232(load case 3)
Max Uplift8=-63(load case 2), 9=-116(load case 4), 2=-136(load case 2), 12=-76(load case 2), 13=-49(load case 4), 11=-63(load case 4), 10=-30(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/33, 2-3=-182/42, 3-4=-145/25, 4-5=-125/29, 5-6=-103/32, 6-7=-86/37, 7-8=-49/25, 7-9=-246/147
BOT CHORD 2-13=-34/45, 12-13=-34/45, 11-12=-34/45, 10-11=-32/48, 9-10=-32/48
WEBS 4-12=-131/81, 3-13=-185/103, 5-11=-157/92, 6-10=-64/37

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Gable studs spaced at 2-0-0 oc.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 8, 116 lb uplift at joint 9, 136 lb uplift at joint 2, 76 lb uplift at joint 12, 49 lb uplift at joint 13, 63 lb uplift at joint 11 and 30 lb uplift at joint 10.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	M1S	ROOF TRUSS	1	1	T1931933
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:27 2005 Page 1

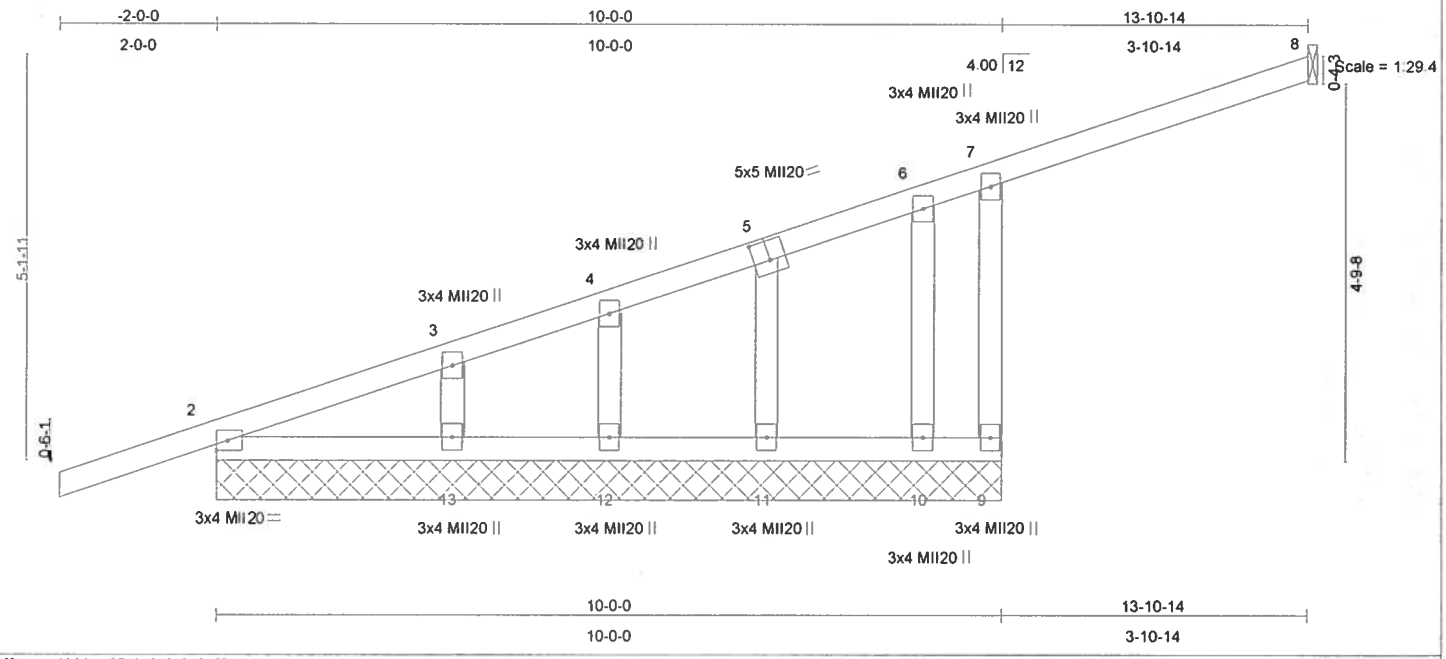


Plate Offsets (X,Y): [5:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.26	Vert(LL)	0.00	2-13	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.07	Vert(TL)	0.00	2-13	>999	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.03	Horz(TL)	-0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 56 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS *Except* 1-5 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 8=118/Mechanical, 9=282/10-0-0, 2=323/10-0-0, 12=188/10-0-0, 13=197/10-0-0, 11=191/10-0-0, 10=71/10-0-0
Max Horz 2=229(load case 3)
Max Uplift8=-70(load case 2), 9=-144(load case 4), 2=-134(load case 2), 12=-82(load case 2), 13=-42(load case 3), 11=-60(load case 4), 10=-8(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/33, 2-3=-184/46, 3-4=-148/35, 4-5=-127/36, 5-6=-105/35, 6-7=-92/49, 7-8=-56/28, 7-9=-296/180
BOT CHORD 2-13=-30/48, 12-13=-30/48, 11-12=-30/48, 10-11=-30/48, 9-10=-30/48
WEBS 4-12=-142/88, 3-13=-169/94, 5-11=-153/88, 6-10=-20/22

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Gable studs spaced at 2-0-0 oc.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 8, 144 lb uplift at joint 9, 134 lb uplift at joint 2, 82 lb uplift at joint 12, 42 lb uplift at joint 13, 60 lb uplift at joint 11 and 8 lb uplift at joint 10.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert #6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	M2	ROOF TRUSS	7	1	T1931934
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:28 2005 Page 1

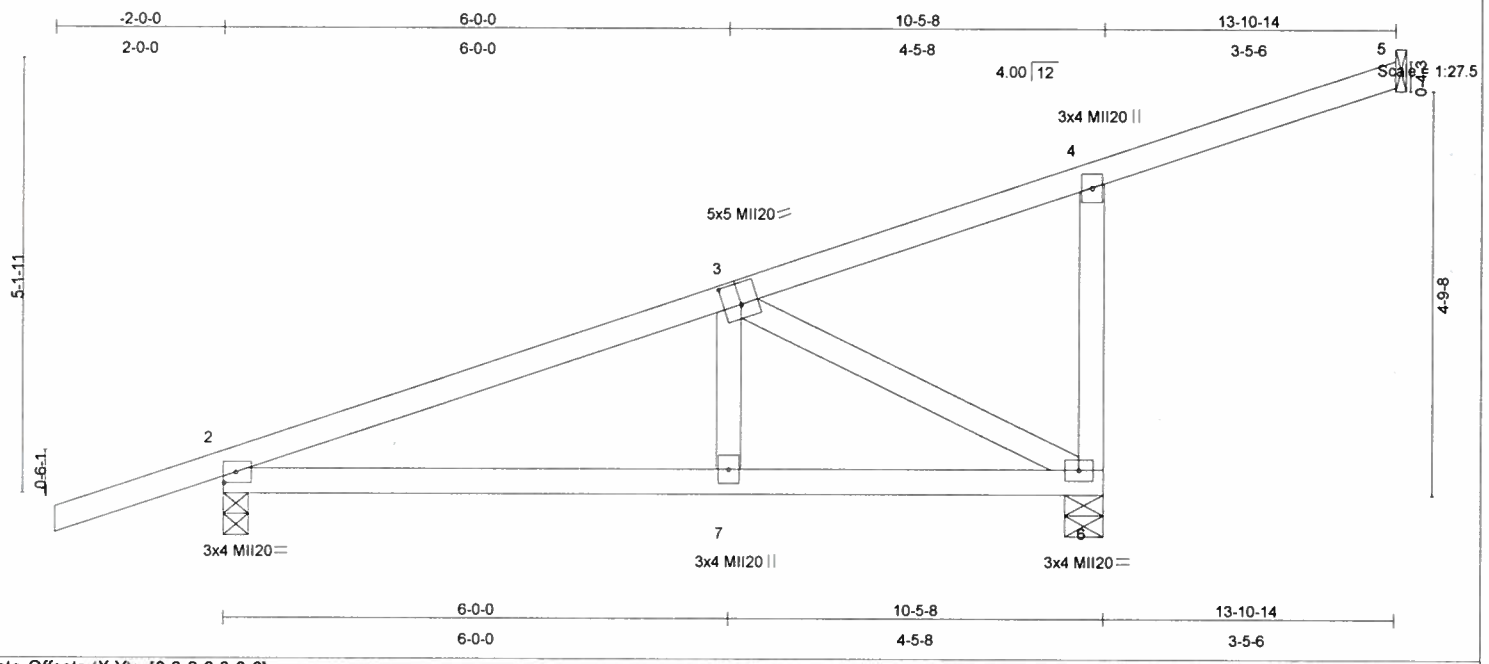


Plate Offsets (X,Y): [3:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.27	Vert(LL)	-0.02	2-7	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.19	Vert(TL)	-0.06	2-7	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.27	Horz(TL)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 55 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=100/Mechanical, 6=633/0-5-8, 2=643/0-3-8
Max Horz 2=232(load case 3)
Max Uplift5=-62(load case 2), 6=-239(load case 4), 2=-236(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/33, 2-3=-691/72, 3-4=-106/44, 4-5=-51/23, 4-6=-298/160
BOT CHORD 2-7=-139/574, 6-7=-142/568
WEBS 3-7=0/123, 3-6=-644/210

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 62 lb uplift at joint 5, 239 lb uplift at joint 6 and 236 lb uplift at joint 2.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

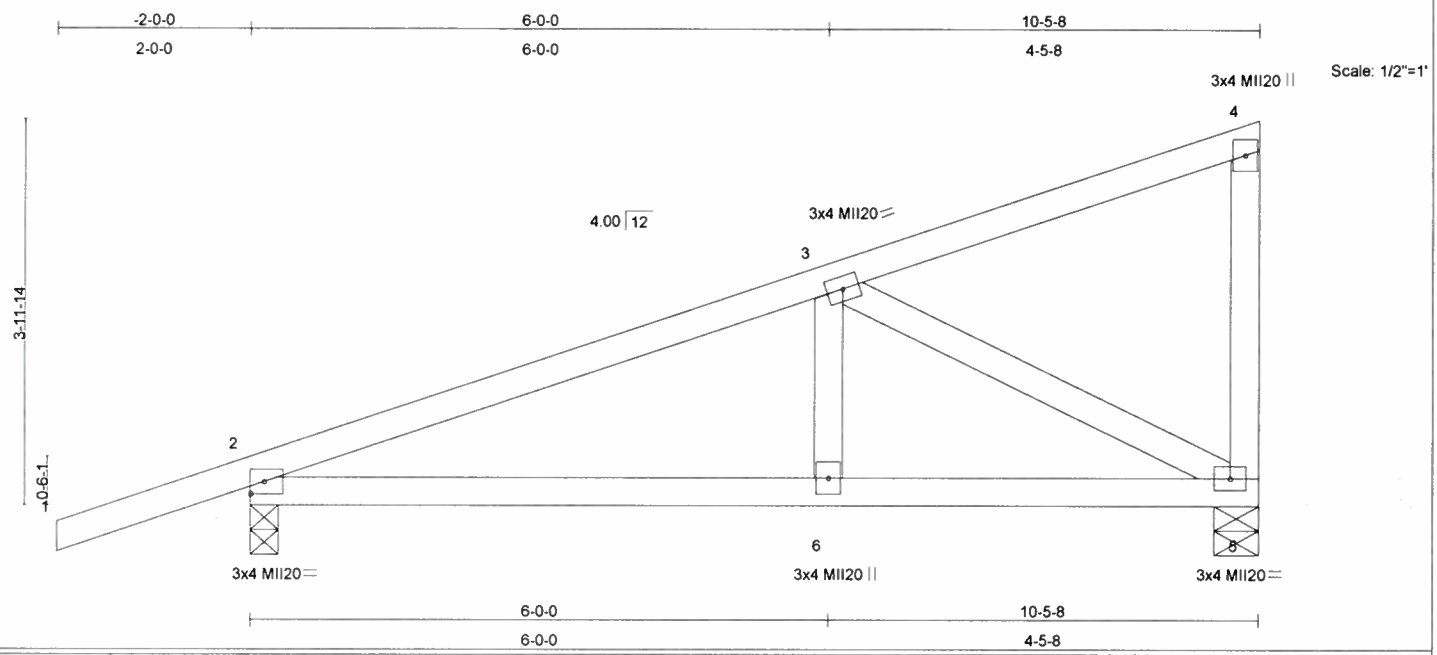
December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	M3	ROOF TRUSS	2	1	T1931935
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:29 2005 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.26	Vert(LL)	-0.02	2-6	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.17	Vert(TL)	-0.06	2-6	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.27	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 50 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=461/0-5-8, 2=653/0-3-8
Max Horz 2=195(load case 3)
Max Uplift5=-142(load case 4), 2=-261(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/33, 2-3=-728/145, 3-4=-82/36, 4-5=-121/63
BOT CHORD 2-6=-154/611, 5-6=-154/611
WEBS 3-6=0/115, 3-5=-662/211

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 5 and 261 lb uplift at joint 2.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

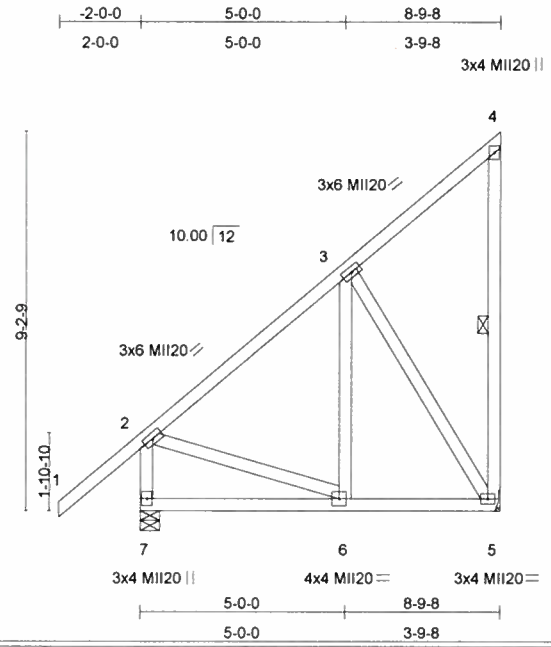
December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	M4	ROOF TRUSS	1	1	T1931936
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:30 2005 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.99	Vert(LL)	-0.00	6	>999	360	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.09	Vert(TL)	-0.03	6-7	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.24	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 74 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-5

REACTIONS (lb/size) 7=578/0-5-8, 5=379/Mechanical
Max Horz 7=426(load case 3)
Max Uplift7=-144(load case 4), 5=-236(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-7=-539/163, 1-2=0/102, 2-3=-332/120, 3-4=-156/170, 4-5=-118/115
BOT CHORD 6-7=-406/265, 5-6=-167/198
WEBS 2-6=-71/252, 3-6=-28/77, 3-5=-302/248

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 7 and 236 lb uplift at joint 5.

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

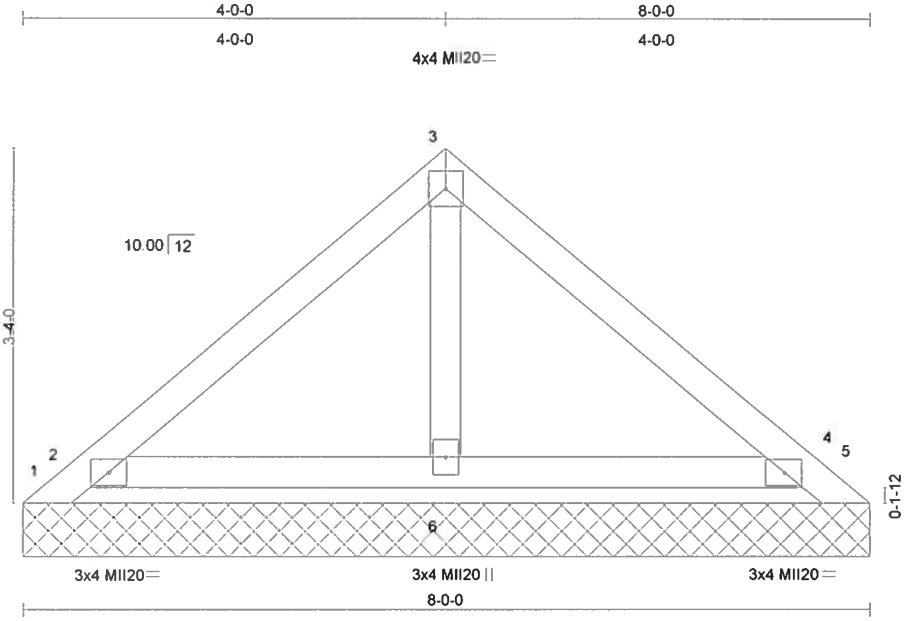
December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	PB	PIGGYBACK	26	1	T1931937
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:31 2005 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.16	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 29 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=-215/8-0-0, 5=-215/8-0-0, 2=457/8-0-0, 4=457/8-0-0, 6=228/8-0-0
Max Horz 1=109(load case 3)
Max Uplift1=-215(load case 1), 5=-215(load case 1), 2=-337(load case 4), 4=-313(load case 5)
Max Grav 1=245(load case 4), 5=213(load case 5), 2=457(load case 1), 4=457(load case 1), 6=228(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-213/164, 2-3=-137/64, 3-4=-137/52, 4-5=-125/149
BOT CHORD 2-6=-25/65, 4-6=-25/65
WEBS 3-6=-144/33

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Gable requires continuous bottom chord bearing.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 215 lb uplift at joint 1, 215 lb uplift at joint 5, 337 lb uplift at joint 2 and 313 lb uplift at joint 4.
6) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 4, 6.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

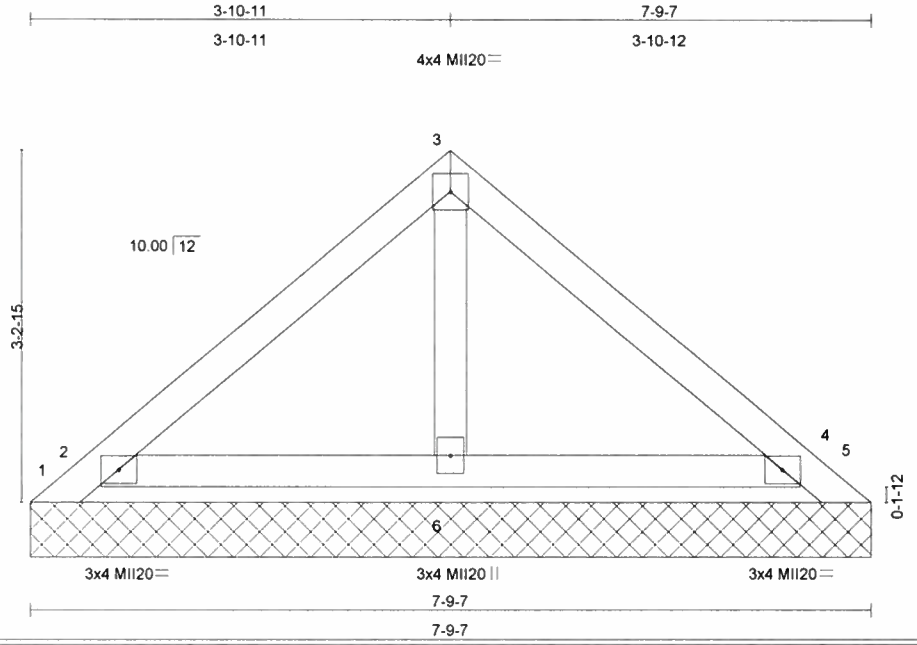
December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Job	Truss	Truss Type	Qty	Ply	CARTER RESIDENCE
CARTER	PB1	PIGGYBACK	2	1	T1931938
					Job Reference (optional)

COX LUMBER CO., OCALA, FL., COX LUMBER CO. 6.200 s Oct 18 2005 MiTek Industries, Inc. Thu Dec 29 09:54:31 2005 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.15	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL	7.0	Lumber Increase	1.33	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 28 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=-182/7-9-7, 5=-182/7-9-7, 2=419/7-9-7, 4=419/7-9-7, 6=219/7-9-7
Max Horz 1=-106(load case 2)
Max Uplift1=-182(load case 1), 5=-182(load case 1), 2=-303(load case 4), 4=-282(load case 5)
Max Grav 1=213(load case 4), 5=184(load case 5), 2=419(load case 1), 4=419(load case 1), 6=219(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-193/153, 2-3=-132/62, 3-4=-132/50, 4-5=-103/126
BOT CHORD 2-6=-24/63, 4-6=-24/63
WEBS 3-6=-138/32

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 182 lb uplift at joint 1, 182 lb uplift at joint 5, 303 lb uplift at joint 2 and 282 lb uplift at joint 4.
8) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 4, 6.
9) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 29,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek®

Permit # 24204

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

ELEVATION CERTIFICATE

O.M.B. No. 3067-0077
Expires December 31, 2005

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION

For Insurance Company Use:

BUILDING OWNER'S NAME
William B. & Joyce W. Carter Permit #24204

Policy Number

BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO.
968 S.W. Bluff Drive

Company NAIC Number

CITY	STATE	ZIP CODE
Fort White	Fl	32038

PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Lot 33, Cedar Springs Shores, Unit No. 5

BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.)
Residential

LATITUDE/LONGITUDE (OPTIONAL) (##° - ## - ##.## or ##.######) HORIZONTAL DATUM: ☐ NAD 1927 ☐ NAD 1983 SOURCE: ☐ GPS (Type):____ ☐ USGS Quad Map ☐ Other: ____

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER	B2. COUNTY NAME	B3. STATE
Columbia Conty Unincorporated 120070	Columbia	Fl.

B4. MAP AND PANEL NUMBER	B5. SUFFIX	B6. FIRM INDEX DATE	B7. FIRM PANEL EFFECTIVE/REVISED DATE	B8. FLOOD ZONE(S)	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding)
120070 0255	B	01/06/88	01/06/88	AE	36 ft.

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe): ____

B11. Indicate the elevation datum used for the BFE in B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe): ____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No Designation Date____

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO
Complete Items C3.-a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.

Datum NGVD 29 Conversion/Comments ____

Elevation reference mark used USC&GS Does the elevation reference mark used appear on the FIRM? ☐ Yes ☒ No

o a) Top of bottom floor (including basement or enclosure)	37. 1 ft.(m)
o b) Top of next higher floor	45. 93 ft.(m)
o c) Bottom of lowest horizontal structural member (V zones only)	N/A. __ ft.(m)
o d) Attached garage (top of slab)	N/A. __ ft.(m)
o e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area)	37. 10 ft.(m)
o f) Lowest adjacent (finished) grade (LAG)	33. 7 ft.(m)
o g) Highest adjacent (finished) grade (HAG)	34. 7 ft.(m)
o h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade N/A	
o i) Total area of all permanent openings (flood vents) in C3.h N/A sq. in. (sq. cm)	

License Number, Embossed Seal, Signature, and Date

9/18/06
#6348

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.
I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.
I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME KENNETH B. SARRIO LICENSE NUMBER 6348

TITLE PROFESSIONAL SURVEYOR & MAPPER COMPANY NAME DOVE & ASSOCIATES LAND SURVEYING INC

ADDRESS	CITY	STATE	ZIP CODE
1762 FOLWER ST	FORT MYERS	FL	33901

SIGNATURE Kenneth B. Sarrio DATE 09/18/06 TELEPHONE 239-332-7500

IMPORTANT: In these spaces, copy the corresponding information from Section A.			For Insurance Company Use:
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 968 S.W. Bluff Drive			Policy Number
CITY Fort White	STATE FL	ZIP CODE 32038	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

COMMENTS
Item in C3 e) is air conditioning equipment

☐ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete Items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

E1. Building Diagram Number _(Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

E2. The top of the bottom floor (including basement or enclosure) of the building is __ ft.(m) __in.(cm) ☐ above or ☐ below (check one) the highest adjacent grade. (Use natural grade, if available).

E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is __ ft.(m) __in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.

E4. The top of the platform of machinery and/or equipment servicing the building is __ ft.(m) __in.(cm) ☐ above or ☐ below (check one) the highest adjacent grade. (Use natural grade, if available).

E5. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?
☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, C (Items C3.h and C3.i only), and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, C, and E are correct to the best of my knowledge.*

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME

ADDRESS | CITY | STATE | ZIP CODE

SIGNATURE | DATE | TELEPHONE

COMMENTS

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

G1. ☐ The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building is: ____.__ft.(m) Datum: ____

G9. BFE or (in Zone AO) depth of flooding at the building site is: ____.__ft.(m) Datum: ____

LOCAL OFFICIAL'S NAME | TITLE

COMMUNITY NAME | TELEPHONE

SIGNATURE | DATE

COMMENTS

☐ Check here if attachments

DOVE & ASSOCIATES
LAND SURVEYING INC.
WWW.DOVESURVEY.COM
1762 FOWLER STREET, FORT MYERS, FLORIDA 33901
(239) 332-7500 FAX (239) 332-6838

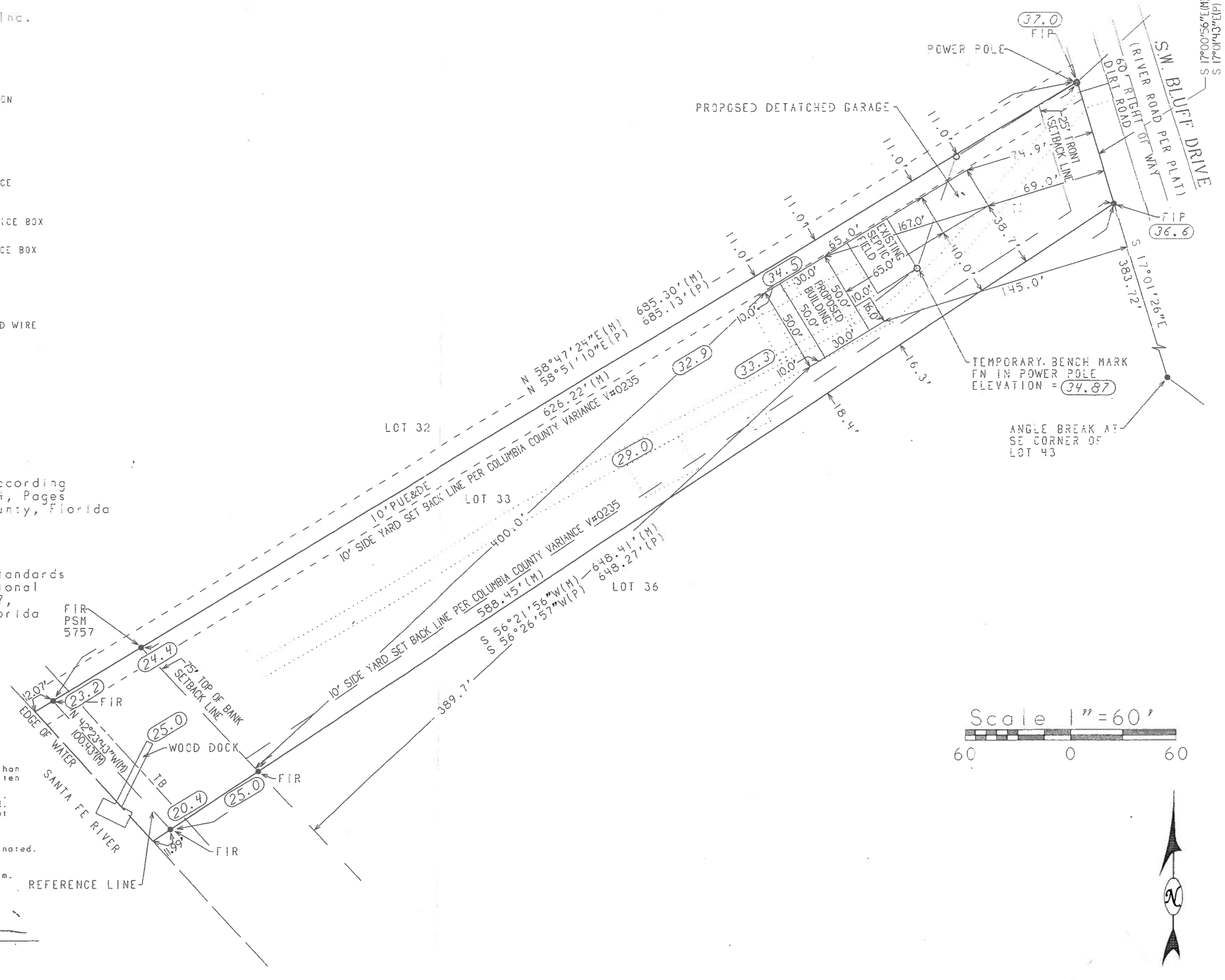
Certificate of authorization number LB 7422

Sketch of a Boundary Survey 04 FEB 06 Drawn by DMO 6KS

CERTIFIED TO:
William B. & Joyce W. Carter

LEGEND

BOB = BASIS OF BEARINGS	WM = WATER METER
CONC = CONCRETE	= STORM DRAIN
CSP = COVERED SCREENED PORCH	= CABLE TELEVISION SERVICE BOX
DE = DRAINAGE EASEMENT	= LIGHT POLE
ECP = EDGE OF PAVEMENT	= POWER POLE
FCM = FOUND CONCRETE MONUMENT	= FIRE HYDRANT
FDH = FOUND DRILL HOLE	= WATER VALVE
FF = FINISH FLOOR ELEVATION	= CHAIN LINK FENCE
FIR = FOUND IRON ROD	= WOOD FENCE
FN = FOUND NAIL	= TELEPHONE SERVICE BOX
FN&D = FOUND NAIL & BRASS DISK	= ELECTRIC SERVICE BOX
GF = GARAGE FLOOR ELEVATION	= CONCRETE
I = INSIDE PROPERTY	(0.00) = ELEVATION
(M) = AS MEASURED	= OVERHEAD WIRE
O/S = OFFSET	
(P) = PER PLAT	
PC = POINT OF CURVE	
PUE = PUBLIC UTILITY EASEMENT	
SEP = APPROXIMATE LOCATION OF SEPTIC TANK	
SH = SET HUB	
SH&T = SET HUB & TACK	
SIR = SET 5/8" IRON ROD & CAP "DOVE LB 7422"	
SN&D = SET NAIL & BRASS DISK STAMPED "DOVE LB 7422"	
SWIR = SET WITNESS 5/8" IRON ROD & CAP STAMPED "WIT.COR. LB 7422"	
S/W = 1.2' CONCRETE SEAWALL	
TB = APPROXIMATE TOP BANK	
TBM = TEMPORARY BENCH MARK	
UE = UTILITY EASEMENT	
VG = VALLEY GUTTER	
X = OUTSIDE PROPERTY	



Scale 1"=60'

60 0 60

PARCEL DESCRIPTION:
Lot 33, Cedar Spring Shores Unit No. 5, according to the map or plat recorded in Plat Book 4, Pages 5, 5A & 5B, Public Records of Columbia County, Florida

This survey meets the minimum technical standards set forth by the Florida Board of Professional Land Surveyors pursuant to Section 472.027, Florida Statutes, and Chapter 61G17-6, Florida Administrative Code.

Notes:
1) Only improvements shown were located.
2) Dimensions are in feet and decimals thereof.
3) Parcel subject to easements, restrictions, reservations, and right-of-ways of record.
4) Easements shown on this drawing are from the recorded plat. Any other easement(s) pertaining to the hereon described land(s) must be furnished to the surveyor by the client or the clients agent per Florida Statute 61-G-17-6.0031(5e) of the Florida Administrative Code.
5) This survey is not valid without the signature and the original raised seal of a Florida licensed surveyor and mapper.
6) Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without the written consent of the signing party or parties.
7) Parcel was surveyed from information supplied by the client.
8) Underground utilities and structures were not field located.
9) This certification is only for the land described. It is not a certification of title, zoning, easement, freedom of encumbrance, ownership, or rights-of-way.
10) Abstract not reviewed.
11) All Lot Lines are radial to the curve(s) unless otherwise noted.
12) Parcel lies in Flood Zone AE Base Elevation = 36' as per FIRM #120070 0255 B Dated: 06 JAN 88.
13) The elevations as shown hereon are based on NGVD 1929 Datum.
14) Site Plan - 10 FEB 06

By: Kenneth B. Sorrio
Professional Surveyor & Mapper
Certificate No. 6348

DOVE & ASSOCIATES
AND SURVEYING INC.
WWW.DOVESURVEY.COM
1762 FOWLER STREET, FORT MYERS, FLORIDA 33901
(239) 332-7590 FAX (239) 332-8838

Sketch of a Boundary Survey 04 FEB 06 Drawn by DMO 6KS

CERTIFIED TO:
William B. & Joyce W. Carter

LEGEND

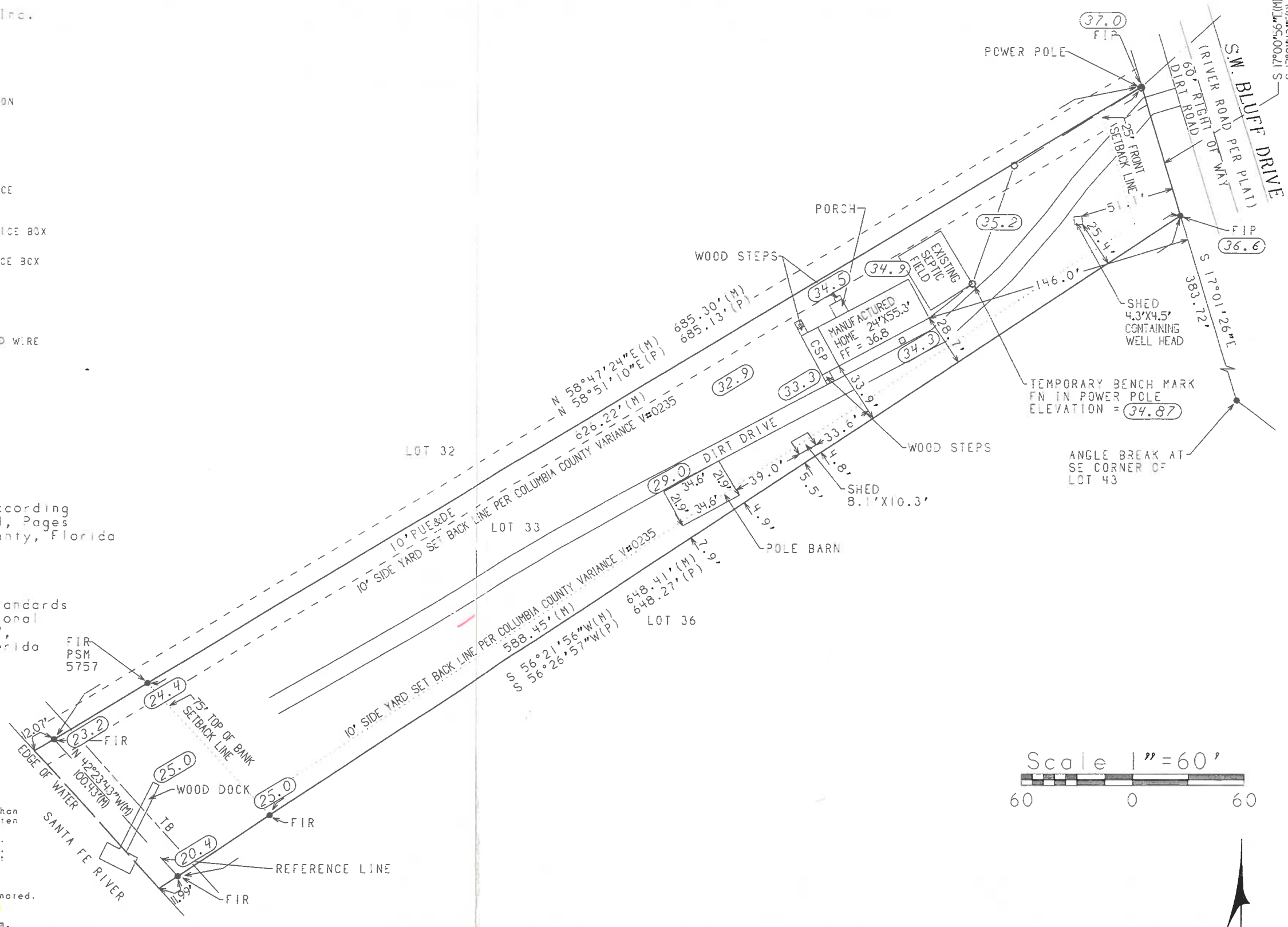
BOB = BASIS OF BEARINGS	WM = WATER METER
CONC = CONCRETE	= STORM DRAIN
CSP = COVERED SCREENED PORCH	C = CABLE TELEVISION SERVICE BOX
DE = DRAINAGE EASEMENT	= LIGHT POLE
EOP = EDGE OF PAVEMENT	= POWER POLE
FCM = FOUND CONCRETE MONUMENT	= FIRE HYDRANT
FDH = FOUND DRILL HOLE	= WATER VALVE
FF = FINISH FLOOR ELEVATION	= CHAIN LINK FENCE
FIR = FOUND IRON ROD	= WOOD FENCE
FN = FOUND NAIL	T = TELEPHONE SERVICE BOX
FN&D = FOUND NAIL & BRASS DISK	= ELECTRIC SERVICE BOX
GF = GARAGE FLOOR ELEVATION	= CONCRETE
I = INSIDE PROPERTY	(0.00) = ELEVATION
(M) = AS MEASURED	= OVERHEAD WIRE
O/S = OFFSET	
(P) = PER PLAT	
PC = POINT OF CURVE	
PUE = PUBLIC UTILITY EASEMENT	
SEP = APPROXIMATE LOCATION OF SEPTIC TANK	
SH = SET HUB	
SH&T = SET HUB & TACK	
SIR = SET 5/8" IRON ROD & CAP "DOVE LB 7422"	
SN&D = SET NAIL & BRASS DISK STAMPED "DOVE LB 7422"	
SWIR = SET WITNESS 5/8" IRON ROD & CAP STAMPED "WIT.COR. LB 7422"	
S/W = 1.2' CONCRETE SEAWALL	
TB = APPROXIMATE TOP BANK	
TBM = TEMPORARY BENCH MARK	
UE = UTILITY EASEMENT	
VG = VALLEY GUTTER	
X = OUTSIDE PROPERTY	

PARCEL DESCRIPTION:
Lot 33, Cedar Spring Shores Unit No. 5, according to the map or plat recorded in Plat Book 4, Pages 5, 5A & 5B, Public Records of Columbia County, Florida

This survey meets the minimum technical standards set forth by the Florida Board of Professional Land Surveyors pursuant to Section 472.027, Florida Statutes, and Chapter 61G17-6, Florida Administrative Code.

Notes:
1) Only improvements shown were located.
2) Dimensions are in feet and decimals thereof.
3) Parcel subject to easements, restrictions, reservations, and right-of-ways of record.
4) Easements shown on this drawing are from the recorded plat. Any other easement(s) pertaining to the hereon described land(s) must be furnished to the surveyor by the client or the clients agent per Florida Statute 61-G17-6.003(15e) of the Florida Administrative Code.
5) This survey is not valid without the signature and the original raised seal of a Florida licensed surveyor and mapper.
6) Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without the written consent of the signing party or parties.
7) Parcel was surveyed from information supplied by the client.
8) Underground utilities and structures were not field located.
9) This certification is only for the land described. It is not a certification of title, zoning, easement, freedom of encumbrance, ownership, or rights-of-way.
10) Abstract not reviewed.
11) All Lot Lines are radial to the curve(s) unless otherwise noted.
12) Parcel lies in Flood Zone AE Base Elevation = 36' as per FIRM #120070 0255 B Dated: 06 JAN 88.
13) The elevations as shown hereon are based on NGVD 1929 Datum.

By: Kenneth Sarrio
Kenneth B. Sarrio
Professional Surveyor & Mapper
Certificate No. 6348



Scale 1" = 60'
60 0 60

DOVE & ASSOCIATES
LAND SURVEYING INC.
WWW.DOVESURVEY.COM
762 FOWLER STREET, FORT MYERS, FLORIDA 33901
(239) 332-7500 FAX (239) 332-9838

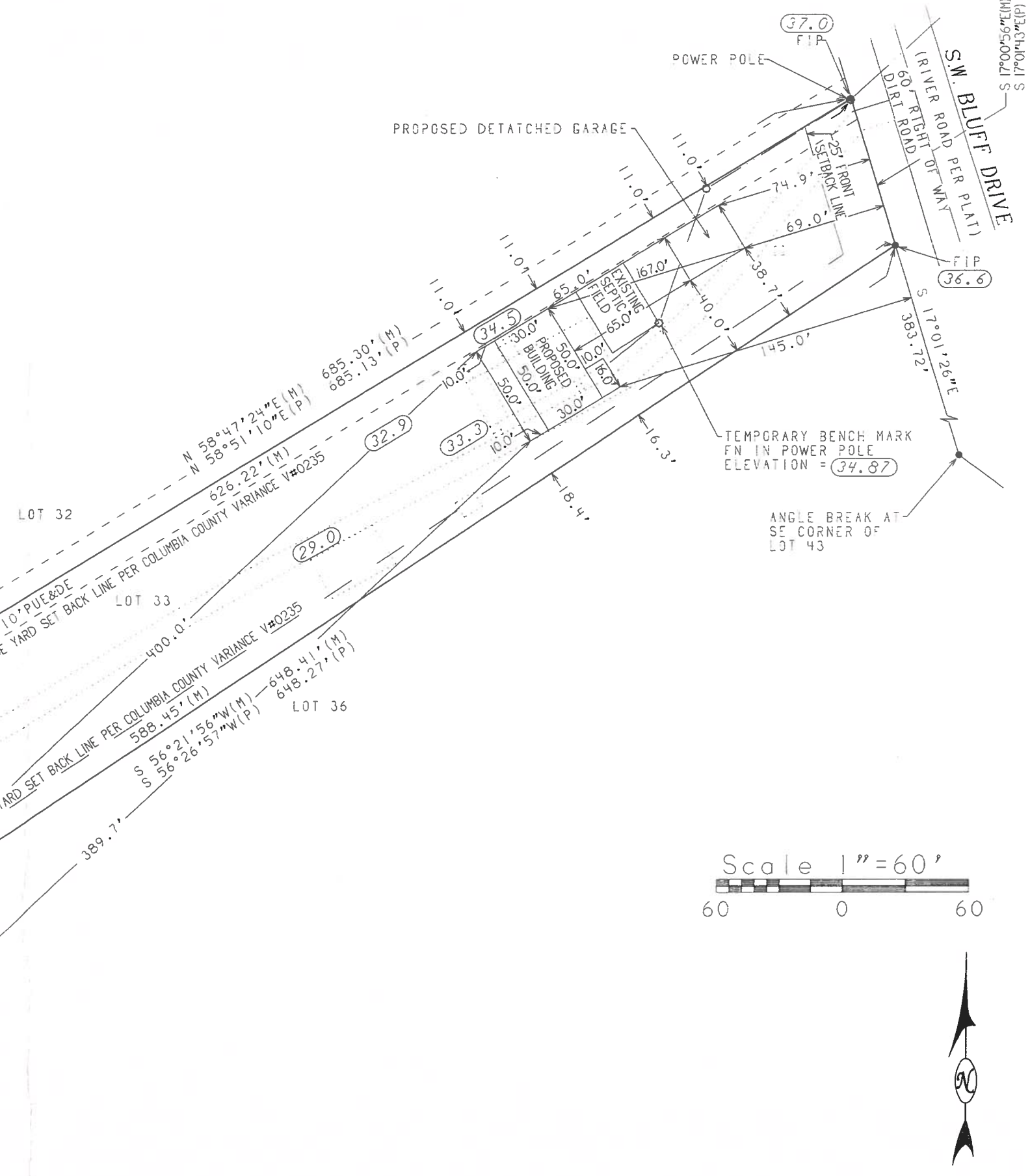
Certificate of authorization number LB 7422

Sketch of a Boundary Survey 04 FEB 06 Drawn by DMO 6KS

CERTIFIED TO:
William B. & Joyce W. Carter

LEGEND

BOB = BASIS OF BEARINGS	WM = WATER METER
CONC = CONCRETE	= STORM DRAIN
CSP = COVERED SCREENED PORCH	C = CABLE TELEVISION SERVICE BOX
DE = DRAINAGE EASEMENT	= LIGHT POLE
EOP = EDGE OF PAVEMENT	= POWER POLE
FCM = FOUND CONCRETE MONUMENT	= FIRE HYDRANT
FDH = FOUND DRILL HOLE	= WATER VALVE
FF = FINISH FLOOR ELEVATION	= CHAIN LINK FENCE
FIR = FOUND IRON ROD	= WOOD FENCE
FN = FOUND NAIL	T = TELEPHONE SERVICE BOX
FN&D = FOUND NAIL & BRASS DISK	= ELECTRIC SERVICE BOX
GF = GARAGE FLOOR ELEVATION	= CONCRETE
I = INSIDE PROPERTY	(0.00) = ELEVATION
(M) = AS MEASURED	= OVERHEAD WIRE
O/S = OFFSET	
(P) = PER PLAT	
PC = POINT OF CURVE	
PUE = PUBLIC UTILITY EASEMENT	
SEP = APPROXIMATE LOCATION OF SEPTIC TANK	
SH = SET HUB	
SH&T = SET HUB & TACK	
SIR = SET 5/8" IRON ROD & CAP "DOVE LB 7422"	
SN&D = SET NAIL & BRASS DISK STAMPED "DOVE LB 7422"	
SWIR = SET WITNESS 5/8" IRON ROD & CAP STAMPED "WIT.COR. LB 7422"	
S/W = 1.2' CONCRETE SEAWALL	
TB = APPROXIMATE TOP BANK	
TBM = TEMPORARY BENCH MARK	
UE = UTILITY EASEMENT	
VG = VALLEY GUTTER	
X = OUTSIDE PROPERTY	



Scale 1" = 60'

60 0 60

PARCEL DESCRIPTION:
Lot 33, Cedar Spring Shores Unit No. 5, according to the map or plat recorded in Plat Book 4, Pages 5, 5A & 5B, Public Records of Columbia County, Florida

This survey meets the minimum technical standards set forth by the Florida Board of Professional Land Surveyors pursuant to Section 472.027, Florida Statutes, and Chapter 61G17-6, Florida Administrative Code.

Notes:
1) Only improvements shown were located.
2) Dimensions are in feet and decimals thereof.
3) Parcel subject to easements, restrictions, reservations, and right-of-ways of record.
4) Easements shown on this drawing are from the recorded plat. Any other easement(s) pertaining to the hereon described land(s) must be furnished to the surveyor by the client or the clients agent per Florida Statute 61-G-17-6.003(5e) of the Florida Administrative Code.
5) This survey is not valid without the signature and the original raised seal of a Florida licensed surveyor and mapper.
6) Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without the written consent of the signing party or parties.
7) Parcel was surveyed from information supplied by the client.
8) Underground utilities and structures were not field located.
9) This certification is only for the land described. It is not a certification of title, zoning, easement, freedom of encumbrance, ownership, or rights-of-way.
10) Abstract not reviewed.
11) All Lot Lines are radial to the curve(s) unless otherwise noted.
12) Parcel lies in Flood Zone AE Base Elevation = 36' as per FIRM #120070 0255 B Dated: 06 JAN 88.
13) The elevations as shown hereon are based on NGVD 1929 Datum.
14) Site Plan - 10 FEB 06

By: Kenneth B. Sarrio
Professional Surveyor & Mapper
Certificate No. 6348