

DATE 04/07/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000029298

APPLICANT TARA HOWELL PHONE 386.984.7976
ADDRESS 8383 150TH STREET LIVE OAK FL 32060
OWNER BILL HUGGINS PHONE 386.984.9565
ADDRESS 229 SW MEREDITH LANE LAKE CITY FL 32024
CONTRACTOR C.SCOTT COLLINS PHONE 386.466.9715
LOCATION OF PROPERTY 90-W TO SR.247-S,TL TO FRIENDSHIP WAY,TL TO BUCHANAN,TR TO
MEREDITH,TR LAST LOT ON L.
TYPE DEVELOPMENT MODULAR/UTILITY ESTIMATED COST OF CONSTRUCTION 0.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH FLOOR CONC
LAND USE & ZONING RR MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 22-4S-16-03090-316 SUBDIVISION BLAINE ESTATES
LOT 16 BLOCK PHASE 3 UNIT TOTAL ACRES 1.00

CBC1252863
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 11-0150 BLK TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 6489

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 Insulation 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 Pool date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 0.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00

MISC. FEES \$ 350.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$

FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 425.00

INSPECTORS OFFICE

CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS
PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. 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."

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

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

360.0
75.00
\$425.00

HOLDER EX. CALL

"LAB" - W.C. - mly

Columbia County Building Permit Application

David Hall

Application # 1104-10 Date Received 4/5 By JW Permit # 29298
Issuing Official BLK Date 07.04.11 Flood Zone X Land Use RES. U.L. Dev Zoning RR
EMA Map # N/A Elevation N/A MFE 1 above Rd River N/A Plans Examiner J.C. Date 4-5-11

Comments _____
☒ NOC ☒ EH ☒ Deed or PA ☐ Site Plan ☐ State Road Info ☒ Well letter ☒ 911 Sheet ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☒ Letter of Auth. from Contractor ☐ F W Comp. letter _____
IMPACT FEES: EMS _____ Fire _____ Corr _____ ☒ Sub VF Form _____
Road/Code _____ School _____ = TOTAL (Suspended) ☒ App Fee Paid

Septic Permit No. 11-0150 Fax _____
Name Authorized Person Signing Permit Tara E Howell Phone 386-984-7976

Address 8383 150th St. Live Oak, FL 32060

Owners Name Bill Huggins Phone 386-984-9505

911 Address 229 SW meredith Lane Lake City, FL, 32024

Contractors Name Scott Collins Phone (386) 466-9715

Address 406 NW. Old Mill Dr. Lake City 32055

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address Huckleberry Sibley Harvey 1020 N. Orlando Ave Suite 200 Maitland

Architect/Engineer Name & Address John C. Doeden - SENYB Engineering Leonard W

Mortgage Lenders Name & Address First Federal 15133 County Rd 22 Goshen, IN 46528

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

Property ID Number 22-45-16-03090-316 Estimated Cost of Construction 130,000 ^{Per Land}

Subdivision Name Blaine Estates Lot 16 Block _____ Unit _____ Phase 3

Driving Directions Hwy 247 S to 242 Turn (L) - go to Friendshipway turn (L) - Then turn (R) onto Buchanan Dr - Turn (R) onto SW meredith - last prop on (L) Number of Existing Dwellings on Property 0

Construction of Modular Total Acreage 1 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front 53' Side 68' Side 68' Rear _____

Number of Stories 1 Heated Floor Area 11080 Sq Ft. Total Floor Area 11080 Sq Ft. Roof Pitch _____

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. CODE: Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code. Page 1 of 2 (Both Pages must be submitted together.) Revised 1-11

JW spoke w/ Lisa 4.8.11 -

Columbia County Building Permit Application

MITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to be abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

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

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

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

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

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

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


Owners Signature

(Owners Must Sign All Applications Before Permit Issuance.)

****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

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


Contractor's Signature (Permitee)

Contractor's License Number CBC1252863
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 22 day of March 2011.

Personally known ☒ or Produced Identification _____


State of Florida Notary Signature (For the Contractor)

SEAL:



J. HOWELL
MY COMMISSION # DD 750213
EXPIRES: January 17, 2012
Bonded Thru Budget Notary Services

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
P. O. Box 7175
Lake City, FL 32055

Inst:201112002346 Date:2/14/2011 Time:3:35 PM

D/c Stamp-Deed:175.00

DC, P. DeWitt Cason, Columbia County Page 1 of 2 B:1209 P:2386

ATS# 2-18149

Warranty Deed

THIS WARRANTY DEED made the 11 day of February, 2011, by Daniel Crapps and L. James Cherry as Trustees of the CR-242 Land Trust Dated November 14, 1996, hereinafter called the grantor, to William E. Huggins, and his wife, Sharon E. Huggins, whose address is: 205 SW Birch Glen, Lake City, FL 32024 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# R 03090-316

Lot 16, Blaine Estates, Phase III, a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 132-134, Public Records of Columbia County, Florida.

The above described property is not, nor has it ever been, the homestead property of the Grantor, and is in fact vacant land.

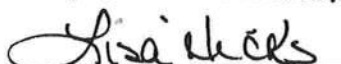
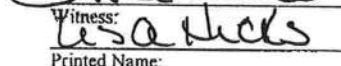
TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

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

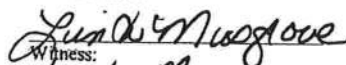

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2010.

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:

Printed Name:


Daniel Crapps, as Trustee


Witness:

Printed Name:

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 11 day of February, 2011 by DANIEL CRAPPS, AS TRUSTEE OF THE CR-242 LAND TRUST DATED NOVEMBER 14, 1996 personally known to me or, if not personally known to me, who produced PK for identification and who did not take an oath.

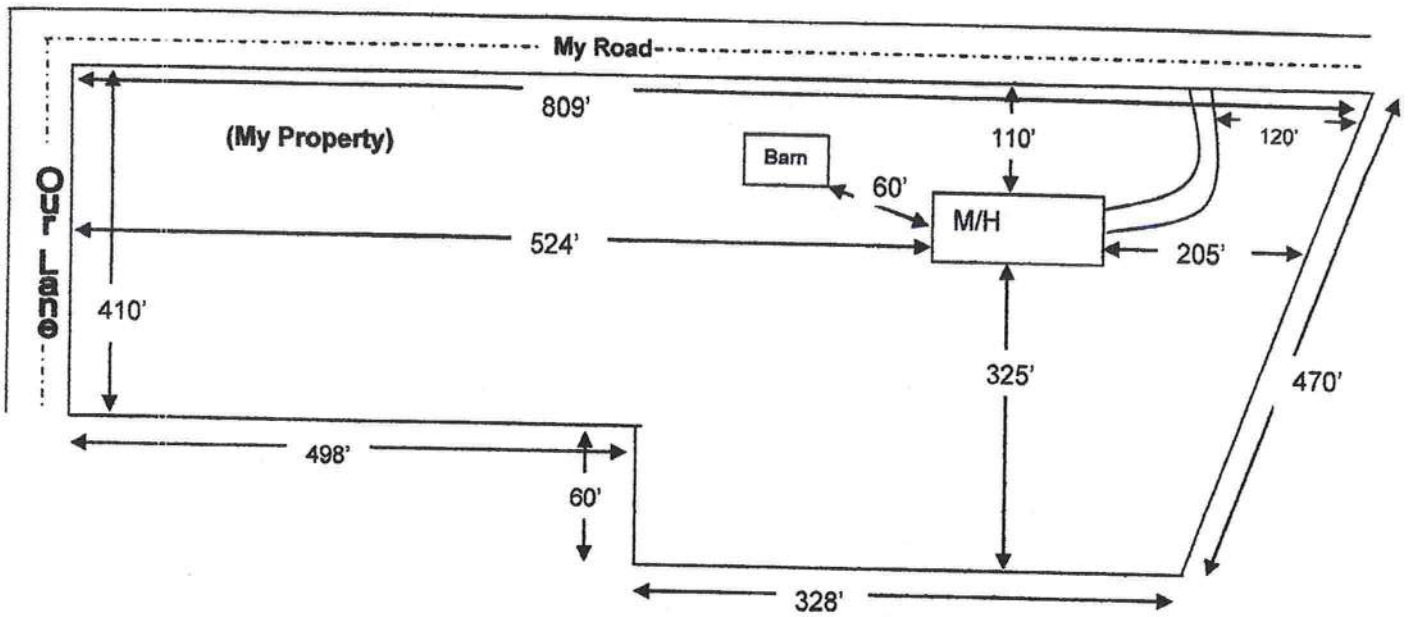

Notary Public

(Notary Seal)

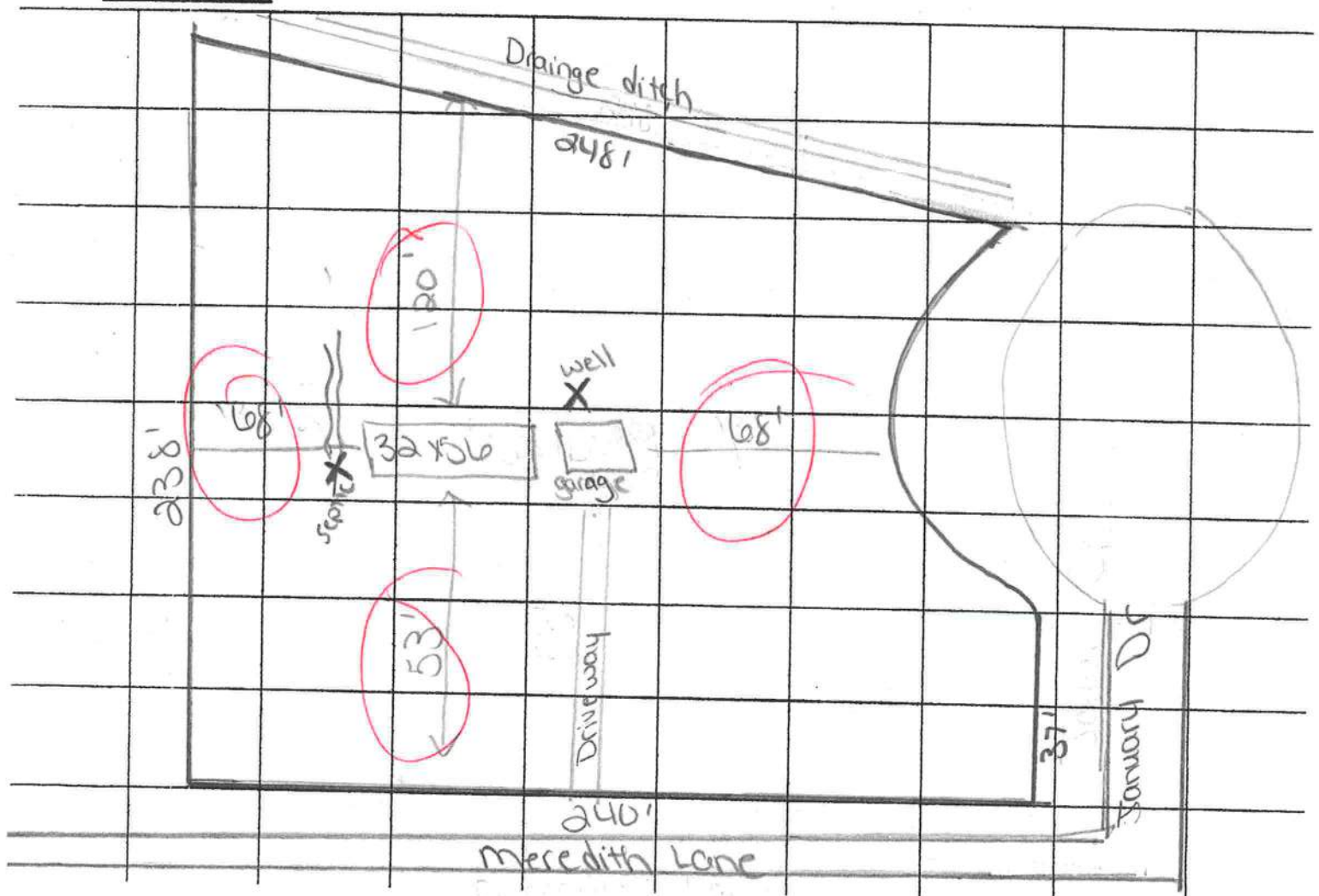


VERA LISA HICKS
MY COMMISSION # DD 864837
EXPIRES: August 23, 2014
Bonded Thru Budget Notary Services

SITE PLAN EXAMPLE / WORKSHEET



Use this example to draw your own site plan. Show all existing buildings and any other homes on this property and show the distances between them. Also show where the roads or roads are around the property. This site plan can also be used for the 911 Addressing department if you include the distance from the driveway to the nearest property line.



A&B Well Drilling, Inc.

5673 NW Lake Jeffery Road
Lake City, FL 32055
Telephone: (386) 758-3409
Cell: (386) 623-3151
Fax: (386) 758-3410
Owner: Bruce Park

March 29, 2011

To: Columbia County Building Department

Description of Well to be installed for Customer Bill Huggins

Located @ Address: 229 SW Merrideth Ln. Lake City, FL 32024

1 HP 15 GPM submersible pump, 1 1/4" drop pipe, 86 gallon captive tank, and backflow prevention.
With SRWMD permit.


Sincerely,
Bruce N. Park
President



COLUMBIA COUNTY BUILDING DEPARTMENT
135 NE Hernando Ave, Suite B-21, Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

LETTER OF AUTHORIZATION TO SIGN FOR PERMITS

I, Christopher Scott Collins (license holder name), licensed qualifier
for Showcase Homes (company name), do certify that
the below referenced person(s) listed on this form is/are contracted/hired by me, the license
holder, or is/are employed by me directly or through an employee leasing arrangement; or, is an
officer of the corporation; or, partner as defined in Florida Statutes Chapter 468, and the said
person(s) is/are under my direct supervision and control and is/are authorized to purchase
permits, call for inspections and sign on my behalf.

Printed Name of Person Authorized	Signature of Authorized Person
1. <u>Tara E Howell</u>	1. <u>Tara E Howell</u>
2.	2.
3.	3.
4.	4.
5.	5.

I, the license holder, realize that I am responsible for all permits purchased, and all work done
under my license and fully responsible for compliance with all Florida Statutes, Codes, and
Local Ordinances. I understand that the State and County Licensing Boards have the power and
authority to discipline a license holder for violations committed by him/her, his/her agents,
officers, or employees and that I have full responsibility for compliance with all statutes, codes
and ordinances inherent in the privilege granted by issuance of such permits.

If at any time the person(s) you have authorized is/are no longer agents, employee(s), or
officer(s), you must notify this department in writing of the changes and submit a new letter of
authorization form, which will supersede all previous lists. Failure to do so may allow
unauthorized persons to use your name and/or license number to obtain permits.

Christopher Scott Collins
License Holders Signature (Notarized)

CBC1252863
License Number

3-22-11
Date

NOTARY INFORMATION:

STATE OF: Florida COUNTY OF: Columbia

The above license holder, whose name is _____,
personally appeared before me and is known by me or has produced identification
(type of I.D.) _____ on this 22 day of May, 20 11.

J. Howell
NOTARY'S SIGNATURE

(Seal/Stamp)



J. HOWELL
MY COMMISSION # DD 750213
EXPIRES: January 17, 2012
Bonded Thru Budget Notary Services

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

22-45-16-03090-3116

Clerk's Office Stamp

Inst: 201112005052 Date: 4/5/2011 Time: 11:21 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1212 P: 1353

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

1. Description of property (legal description): Lot 16 Blaine Estates Phase 3
a) Street (job) Address: 229 SW Meredith Lane Lake City, FL 32056
2. General description of improvements: On frame modular
3. Owner Information
a) Name and address: Bill Huggins - 205 SW Birch Glen Lake City, FL 32024
b) Name and address of fee simple titleholder (if other than owner) _____
c) Interest in property _____
4. Contractor Information
a) Name and address: Christopher Scott Collins 406 NW Old Mill Rd Lake City FL 32013
b) Telephone No.: (386) - 466-9715 Fax No. (Opt.): (386) - 758-6889
5. Surety Information
a) Name and address: Huckleberry Sibley Harvey 1000 N Orlando Ave Suite 200
b) Amount of Bond: \$300,000 Maitland, FL 32751
c) Telephone No.: _____ Fax No. (Opt.): _____
6. Lender
a) Name and address: First Federal 15133 County Rd. 22 Goshen, IN 46528
b) Phone No. _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.): _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.): _____
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): 4-5-2012

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. [Signature]
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
William E. Huggins
Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 22 day of March, 20 11, by:

_____ as _____ (type of authority, e.g. officer, trustee, attorney fact) for _____ (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification ☒ Type _____

Notary Signature [Signature] Notary Stamp or Seal:



J. HOWELL
MY COMMISSION # DD 750213
EXPIRES: January 17, 2012
Bonded Thru Budget Notary Services

---AND---

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

[Signature]
Signature of Natural Person Signing (in line #10 above.)



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

PERMIT NO. 11-0150
DATE PAID: 9/22/11
FEE PAID: 1580.00
RECEIPT #: 158032

APPLICATION FOR:

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

APPLICANT: William Huggins

AGENT: Tara Howell

TELEPHONE: 984-7976
(386) 208-050

MAILING ADDRESS: 8383 150th St Live Oak, FL 32060

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

PROPERTY INFORMATION

LOT: #116 BLOCK: SUBDIVISION: Blaine Estates P3 PLATTED: 10/1/11

PROPERTY ID #: 22-45-116-03090-3116 ZONING: I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: 1 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC [] <=2000GPD [] >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / ☒ N] DISTANCE TO SEWER: FT

PROPERTY ADDRESS: 229 SW Meredith Lane Lake City, FL

DIRECTIONS TO PROPERTY: Hwy 247 S to 242 (L) To Friendship Way turn (L) - To Buchanan Dr turn (R) - to Somereditth turn (R) - last prop on (L)

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
---------	-----------------------	-----------------	--------------------	--

1	On Frame modular	3	1680	
2				
3				
4				

[] Floor/Equipment Drains [] Other (Specify)

SIGNATURE: Tara E Howell DATE:

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 4/4/2011 DATE ISSUED: 4/5/2011

ENHANCED 9-1-1 ADDRESS:

229 SW MERIDITH LN

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

22-4S-16-03090-316

Remarks:

ADDRESS FOR PROPOSED STRUCTURE FRONTING SW MERIDITH LN

Address Issued By: SIGNED: / RONAL N. CROFT
Columbia County 9-1-1 Addressing / GIS Department

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



Columbia County Property Appraiser

J. Doyle Crews - Lake City, Florida 32055 | 386-758-1083

PARCEL: 22-4S-16-03090-316 - VACANT (000000)

LOT 16 BLAINE ESTATES PHASE 3

Name: CRAPPS DANIEL & JAMES CHERRY

Site: 229 SW MERIDITH LN

TRUSTEES-CR-242 LAND TRUST

Mail: PO BOX 3659

LAKE CITY, FL 32056

Sales

Info

NONE

2010 Certified Values

Land	\$21,780.00
Bldg	\$0.00
Assd	\$21,780.00
Exmpt	\$0.00
Cnty	\$21,780
Taxbl	Other: \$21,780 Schl: \$21,780

NOTES:



This information GIS Map Updated: 2/17/2011, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the government's 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, its use, or its 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.

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GrizzlyLogic.com

Columbia County Property Appraiser

DB Last Updated: 2/17/2011

2010 Tax Year

Parcel: 22-4S-16-03090-316

<< Next Lower Parcel Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

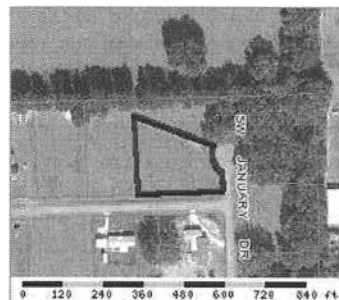
Interactive GIS Map

Print

<< Prev Search Result: 36 of 76 Next >>

Owner & Property Info

Owner's Name	CRAPPS DANIEL & JAMES CHERRY		
Mailing Address	TRUSTEES-CR-242 LAND TRUST PO BOX 3659 LAKE CITY, FL 32056		
Site Address	229 SW MERIDITH LN		
Use Desc. (code)	VACANT (000000)		
Tax District	3 (County)	Neighborhood	22416
Land Area	1.000 ACRES	Market Area	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. LOT 16 BLAINE ESTATES PHASE 3.		



Property & Assessment Values

2010 Certified Values			
Mkt Land Value	cnt: (0)		\$21,780.00
Ag Land Value	cnt: (1)		\$0.00
Building Value	cnt: (0)		\$0.00
XFOB Value	cnt: (0)		\$0.00
Total Appraised Value			\$21,780.00
Just Value			\$21,780.00
Class Value			\$0.00
Assessed Value			\$21,780.00
Exempt Value			\$0.00
Total Taxable Value		Cnty: \$21,780	
		Other: \$21,780 Schl: \$21,780	

2011 Working Values

NOTE:
2011 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Show Working Values

Sales History

Show Similar Sales within 1/2 mile

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

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1 LT	1.00/1.00/1.00/1.00	\$21,780.00	\$21,780.00

Columbia County Property Appraiser

DB Last Updated: 2/17/2011

<< Prev

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Next >>

DISCLAIMER

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APPLICATION ENGINEERING FOR HEATING AND COOLING

PALM HARBOR HOMES - PLANT #6/9
605 S. Frontage Rd.
Plant City, FL 33566

Manufacturer's Model #: FMT3566J
HVAC System Type: OVERHEAD GRAD FLEX FOR EXT PACKAGE



Prepared By LaSalle Air Systems 3/14/2011 (Method & Output C 2009)
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Calculations on this page are based on design parameters set forth in ASHRAE and ACCA Manuals J and D.
Design calculations are based on ACTUAL orientation. Room loads may vary based on actual conditions.

ENTIRE HOUSE VALUES - DESIGN ZONE: FL- DCA, South ORANGE ORIENTATION

COOLING LOAD: 27,010 Btuh based on outside temp of 96 ° F (35 C) with inside temp reduced to 75 ° F (23 C)
HEATING LOAD: 24,874 Btuh based on outside temp of 34 ° F (1 C) with inside temp raised to 70 ° F (21 C)
GRAINS DIFFERENCE: 50 outside wet bulb 87.7 ° F outside RH: 79.7 %

CONSTRUCTION DETAILS & U FACTORS: (11-11-30)

TOTAL FLOOR AREA:	1680.00 s.f.	TRUE OUTSIDE PERIMETER:	172.00 ft
LOW CEILING HEIGHT:	108 in.	HIGH CEILING HEIGHT:	108 in.
NET WALL AREA:	1364.31 s.f.	ROOF:	0.036
TOTAL Insulated Glass	102.58 s.f.	WALLS:	0.092
TOTAL S.G.D.	40.00 s.f.	FLOOR:	0.069
TOTAL Glass Block	0.00 s.f.	Insulated	0.490
TOTAL Skylite	0.00 s.f.	S.G.D.	0.790
TOTAL DOOR1 AREA:	41.11 s.f.	Glass Blc	0.490
TOTAL DOOR2 AREA:	0.00 s.f.	Skylite	0.490
WINDOW % OF FLOOR	8.49 %	DOOR1:	0.280
WINDOW % OF WALL	9.21 %	DOOR2:	0.280
LATENT GAIN:	4634 Btuh		
Mech. Ventilation :	58.8 cfm	Altitude:	15 ft
		FLOOR DUCTS (U):	0
		ATTIC DUCTS (U):	0.167
		EXT. DUCTS (U):	0.125
		ATTIC DUCT AREA:	116.11 s.f exposed
		EXT. DUCT AREA:	185.88 s.f exposed
		PEOPLE:	4
		FIREPLACES:	1
		DUCT GAIN:	3360 Btuh @ 83 TD/ 49 TD
		DUCT LOSS:	4443 Btuh @ 91 TD
		SUMMER INFILTR:	50.5 cfm
		WINTER INFILTR:	101.0 cfm

ROOM BY ROOM VALUES:

772.3 FPM, max velocity in trunk #: 2

ROOM NAME	Requirements based on actual house loads without incorporating duct friction losses.			Cooling Air Values for 2.5 ton unit		Heating Air Values for 36 Gas/Oil 10 kW Elec			Maximum A/C capacity Calibrated Blower Test Btuh (alt adj)
	HEATING LOSS (Btu)	COOLING GAIN (Btu)	CFM DIST	CFM	Btuh	CFM	Btuh		
Living Room	4,061	4,694	159	163	4,644	147	5,058	5,323	8,058
M. Bedroom	4,638	5,107	169	183	5,200	164	5,662	5,960	8,602
M. Bath	2,422	2,191	79	104	2,965	94	3,229	3,398	5,034
Utility	1,075	886	32	38	1,082	34	1,179	1,241	1,671
WIC	684	571	21	40	1,147	36	1,249	1,314	1,925
Kitchen	2,170	2,019	74	77	2,185	69	2,379	2,504	3,465
Dining Rm	2,856	4,463	159	150	4,269	135	4,649	4,893	7,240
Bath #1	1,142	1,114	40	38	1,070	34	1,165	1,226	1,773
Bedroom #3	3,108	3,037	107	127	3,609	114	3,930	4,136	5,513
Bedroom #2	2,718	2,928	107	126	3,582	113	3,901	4,105	6,123
TOTALS	24,874	27,010	947	1,046	29,752	941	32,400	34,101	49,405

APPLICATION ENGINEERING FOR HEATING AND COOLING

PALM HARBOR HOMES - PLANT #6/9
605 S. Frontage Rd.
Plant City, FL 33566

Manufacturer's Model #: FMT3566J
HVAC System Type: OVERHEAD GRAD FLEX FOR EXT PACKAGE

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Design calculations are based on ACTUAL orientation. Room loads may vary based on actual conditions.

ENTIRE HOUSE VALUES - DESIGN ZONE: FL- DCA, Central ORANGE ORIENTATION

COOLING LOAD: 27,082 Btuh based on outside temp of 97 ° F (36 C) with inside temp reduced to 75 ° F (23 C)
HEATING LOAD: 31,127 Btuh based on outside temp of 24 ° F (-5 C) with inside temp raised to 70 ° F (21 C)
GRAINS DIFFERENCE: 45 outside wet bulb 85.4 ° F outside RH: 72.0 %

CONSTRUCTION DETAILS & U FACTORS: (11-11-30)

TOTAL FLOOR AREA:	1680.00 s.f.	TRUE OUTSIDE PERIMETER:	172.00 ft
LOW CEILING HEIGHT:	108 in.	HIGH CEILING HEIGHT:	108 in.
NET WALL AREA:	1364.31 s.f.	ROOF:	0.036
TOTAL Insulated Glass	102.58 s.f.	WALLS:	0.092
TOTAL S.G.D.	40.00 s.f.	FLOOR:	0.069
TOTAL Glass Block	0.00 s.f.	Insulated	0.490
TOTAL Skylite	0.00 s.f.	S.G.D.	0.790
TOTAL DOOR1 AREA:	41.11 s.f.	Glass Blc	0.490
TOTAL DOOR2 AREA:	0.00 s.f.	Skylite	0.490
WINDOW % OF FLOOR	8.49 %	DOOR1:	0.280
WINDOW % OF WALL	9.21 %	DOOR2:	0.280
LATENT GAIN:	4260 Btuh	Altitude:	30 ft
Mech. Ventilation :	58.8 cfm		
		FLOOR DUCTS (U):	0
		ATTIC DUCTS (U):	0.167
		EXT. DUCTS (U):	0.125
		ATTIC DUCT AREA:	116.11 s.f exposed
		EXT. DUCT AREA:	185.88 s.f exposed
		PEOPLE:	4
		FIREPLACES:	1
		DUCT GAIN:	3394 Btuh @ 83 TD/ 50 TD
		DUCT LOSS:	5026 Btuh @ 101 TD
		SUMMER INFILTR:	50.5 cfm
		WINTER INFILTR:	101.0 cfm

ROOM BY ROOM VALUES:

933.4 FPM, max velocity in trunk #: 2

ROOM NAME	Requirements based on actual house loads without incorporating duct friction losses.			Cooling Air Values for		Heating Air Values for			Maximum A/C capacity Calibrated Blower Test Btuh (alt adj)
	HEATING LOSS (Btu)	COOLING GAIN (Btu)	CFM DIST	3 ton unit		CFM	36 Gas/Oil Btuh	10 kW Elec Btuh	
				CFM	Btuh				
Living Room	5,094	4,714	193	197	5,528	178	5,058	5,320	8,053
M. Bedroom	5,804	5,118	204	221	6,188	199	5,662	5,956	8,598
M. Bath	3,044	2,188	96	126	3,528	113	3,229	3,396	5,031
Utility	1,314	889	39	46	1,288	41	1,179	1,240	1,671
WIC	816	576	26	49	1,365	44	1,249	1,314	1,924
Kitchen	2,723	2,018	89	93	2,600	84	2,379	2,503	3,463
Dining Rm	3,597	4,493	193	181	5,081	163	4,649	4,890	7,236
Bath #1	1,398	1,118	48	45	1,273	41	1,165	1,225	1,772
Bedroom #3	3,908	3,033	129	153	4,295	138	3,930	4,134	5,510
Bedroom #2	3,430	2,933	129	152	4,263	137	3,901	4,103	6,120
TOTALS	31,127	27,082	1,146	1,264	35,410	1,137	32,400	34,082	49,378

APPLICATION ENGINEERING FOR HEATING AND COOLING

PALM HARBOR HOMES - PLANT #6/9
605 S. Frontage Rd.
Plant City, FL 33566

Manufacturer's Model #: FMT3566J
HVAC System Type: OVERHEAD GRAD FLEX FOR EXT PACKAGE

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ENTIRE HOUSE VALUES - DESIGN ZONE: FL- DCA, North ORANGE ORIENTATION

COOLING LOAD: 25,372 Btuh based on outside temp of 94 ° F (34 C) with inside temp reduced to 75 ° F (23 C)
HEATING LOAD: 35,504 Btuh based on outside temp of 17 ° F (-9 C) with inside temp raised to 70 ° F (21 C)
GRAINS DIFFERENCE: 40 outside wet bulb 83.2 ° F outside RH: 72.8 %

CONSTRUCTION DETAILS & U FACTORS: (11-11-30)

TOTAL FLOOR AREA:	1680.00 s.f.	TRUE OUTSIDE PERIMETER:	172.00 ft
LOW CEILING HEIGHT:	108 in.	HIGH CEILING HEIGHT:	108 in.
NET WALL AREA:	1364.31 s.f.	ROOF:	0.036
TOTAL Insulated Glass	102.58 s.f.	WALLS:	0.092
TOTAL S.G.D.	40.00 s.f.	FLOOR:	0.069
TOTAL Glass Block	0.00 s.f.	Insulated	0.490
TOTAL Skylite	0.00 s.f.	S.G.D.	0.790
TOTAL DOOR1 AREA:	41.11 s.f.	Glass Blc	0.490
TOTAL DOOR2 AREA:	0.00 s.f.	Skylite	0.490
WINDOW % OF FLOOR	8.49 %	DOOR1:	0.280
WINDOW % OF WALL	9.21 %	DOOR2:	0.280
LATENT GAIN:	3888 Btuh		
Mech. Ventilation :	58.8 cfm	Altitude:	40 ft
		FLOOR DUCTS (U):	0
		ATTIC DUCTS (U):	0.167
		EXT. DUCTS (U):	0.125
		ATTIC DUCT AREA:	116.11 s.f exposed
		EXT. DUCT AREA:	185.88 s.f exposed
		PEOPLE:	4
		FIREPLACES:	1
		DUCT GAIN:	3290 Btuh @ 83 TD/ 47 TD
		DUCT LOSS:	5434 Btuh @ 108 TD
		SUMMER INFILTR:	50.5 cfm
		WINTER INFILTR:	101.0 cfm

ROOM BY ROOM VALUES:

772.3 FPM, max velocity in trunk #: 2

ROOM NAME	Requirements based on actual house loads without incorporating duct friction losses.			Cooling Air Values for		Heating Air Values for		13 kW Elec Btuh	Maximum A/C capacity Calibrated Blower Test Btuh (alt adj)
	HEATING LOSS (Btu)	COOLING GAIN (Btu)	CFM DIST	2.5 ton unit		CFM	48 Gas/Oil Btuh		
				CFM	Btuh				
Living Room	5,817	4,426	156	163	4,722	147	6,744	6,648	8,050
M. Bedroom	6,620	4,798	165	183	5,287	164	7,550	7,443	8,594
M. Bath	3,479	2,023	77	104	3,014	94	4,305	4,244	5,029
Utility	1,482	832	32	38	1,101	34	1,572	1,549	1,670
WIC	909	543	21	40	1,166	36	1,665	1,641	1,923
Kitchen	3,109	1,863	71	77	2,222	69	3,172	3,127	3,462
Dining Rm	4,115	4,283	159	150	4,341	135	6,199	6,111	7,233
Bath #1	1,577	1,051	39	38	1,088	34	1,553	1,531	1,772
Bedroom #3	4,468	2,819	104	127	3,670	114	5,240	5,166	5,508
Bedroom #2	3,928	2,734	104	126	3,642	113	5,201	5,127	6,117
TOTALS	35,504	25,372	928	1,046	30,252	941	43,200	42,587	49,360

APPLICATION ENGINEERING FOR HEATING AND COOLING

PALM HARBOR HOMES - PLANT #6/9
605 S. Frontage Rd.
Plant City, FL 33566

Manufacturer's Model #: FMT3566J
HVAC System Type: OVERHEAD GRAD FLEX FOR UPFLOW (SPLIT A/C)

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ENTIRE HOUSE VALUES - DESIGN ZONE: FL- DCA, South ORANGE ORIENTATION

COOLING LOAD: 25,922 Btuh based on outside temp of 96 ° F (35 C) with inside temp reduced to 75 ° F (23 C)
HEATING LOAD: 22,816 Btuh based on outside temp of 34 ° F (1 C) with inside temp raised to 70 ° F (21 C)
GRAINS DIFFERENCE: 50 outside wet bulb 87.7 ° F outside RH: 79.7 %

CONSTRUCTION DETAILS & U FACTORS: (11-11-30)

TOTAL FLOOR AREA:	1680.00 s.f.	TRUE OUTSIDE PERIMETER:	172.00 ft
LOW CEILING HEIGHT:	108 in.	HIGH CEILING HEIGHT:	108 in.
NET WALL AREA:	1364.31 s.f.	ROOF:	0.036
TOTAL Insulated Glass	102.58 s.f.	WALLS:	0.092
TOTAL S.G.D.	40.00 s.f.	FLOOR:	0.069
TOTAL Glass Block	0.00 s.f.	Insulated	0.490
TOTAL Skylite	0.00 s.f.	S.G.D.	0.790
TOTAL DOOR1 AREA:	41.11 s.f.	Glass Blc	0.490
TOTAL DOOR2 AREA:	0.00 s.f.	Skylite	0.490
WINDOW % OF FLOOR	8.49 %	DOOR1:	0.280
WINDOW % OF WALL	9.21 %	DOOR2:	0.280
LATENT GAIN:	4634 Btuh		
Mech. Ventilation :	58.8 cfm	Altitude:	15 ft
		FLOOR DUCTS (U):	0
		ATTIC DUCTS (U):	0.167
		EXT. DUCTS (U):	0.125
		ATTIC DUCT AREA:	119.98 s.f exposed
		EXT. DUCT AREA:	0 s.f exposed
		PEOPLE:	4
		FIREPLACES:	1
		DUCT GAIN:	2275 Btuh @ 83 TD/ 49 TD
		DUCT LOSS:	2388 Btuh @ 91 TD
		SUMMER INFILTR:	50.5 cfm
		WINTER INFILTR:	101.0 cfm

ROOM BY ROOM VALUES:

1015.6 FPM, max velocity in trunk #: 2

ROOM NAME	Requirements based on actual house loads without incorporating duct friction losses.			Cooling Air Values for 2.5 ton unit		Heating Air Values for 36 Gas/Oil 7.5 kW Elec			Maximum A/C capacity Calibrated Blower Test Btuh (alt adj)
	HEATING LOSS (Btu)	COOLING GAIN (Btu)	CFM DIST	CFM	Btuh	CFM	Btuh		
Living Room	3,791	4,563	162	164	4,665	147	5,081	4,011	8,174
M. Bedroom	4,299	4,948	172	180	5,118	162	5,574	4,400	8,595
M. Bath	2,293	2,137	79	100	2,862	90	3,117	2,461	5,084
Utility	900	798	30	41	1,161	37	1,264	998	1,897
WIC	531	503	18	38	1,097	35	1,194	943	1,932
Kitchen	2,007	1,931	73	85	2,427	77	2,643	2,086	4,428
Dining Rm	2,641	4,328	161	141	4,023	127	4,382	3,459	7,209
Bath #1	911	975	37	47	1,328	42	1,446	1,142	2,388
Bedroom #3	2,850	2,874	107	121	3,460	109	3,768	2,974	6,207
Bedroom #2	2,593	2,867	107	127	3,610	114	3,932	3,104	6,476
TOTALS	22,816	25,922	947	1,044	29,752	939	32,400	25,576	52,389

APPLICATION ENGINEERING FOR HEATING AND COOLING

PALM HARBOR HOMES - PLANT #6/9
605 S. Frontage Rd.
Plant City, FL 33566

Manufacturer's Model #: FMT3566J
HVAC System Type: OVERHEAD GRAD FLEX FOR UPFLOW (SPLIT A/C)

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Design calculations are based on ACTUAL orientation. Room loads may vary based on actual conditions.

ENTIRE HOUSE VALUES - DESIGN ZONE: FL- DCA, Central ORANGE ORIENTATION

COOLING LOAD: 25,970 Btuh based on outside temp of 97 ° F (36 C) with inside temp reduced to 75 ° F (23 C)
HEATING LOAD: 28,843 Btuh based on outside temp of 24 ° F (-5 C) with inside temp raised to 70 ° F (21 C)
GRAINS DIFFERENCE: 45 outside wet bulb 85.4 ° F outside RH: 72.0 %

CONSTRUCTION DETAILS & U FACTORS: (11-11-30)

TOTAL FLOOR AREA:	1680.00 s.f.	TRUE OUTSIDE PERIMETER:	172.00 ft
LOW CEILING HEIGHT:	108 in.	HIGH CEILING HEIGHT:	108 in.
NET WALL AREA:	1364.31 s.f.	ROOF:	0.036
TOTAL Insulated Glass	102.58 s.f.	WALLS:	0.092
TOTAL S.G.D.	40.00 s.f.	FLOOR:	0.069
TOTAL Glass Block	0.00 s.f.	Insulated	0.490
TOTAL Skylite	0.00 s.f.	S.G.D.	0.790
TOTAL DOOR1 AREA:	41.11 s.f.	Glass Blc	0.490
TOTAL DOOR2 AREA:	0.00 s.f.	Skylite	0.490
WINDOW % OF FLOOR	8.49 %	DOOR1:	0.280
WINDOW % OF WALL	9.21 %	DOOR2:	0.280
LATENT GAIN:	4260 Btuh		
Mech. Ventilation :	58.8 cfm	Altitude:	30 ft
		FLOOR DUCTS (U):	0
		ATTIC DUCTS (U):	0.167
		EXT. DUCTS (U):	0.125
		ATTIC DUCT AREA:	119.98 s.f exposed
		EXT. DUCT AREA:	0 s.f exposed
		PEOPLE:	4
		FIREPLACES:	1
		DUCT GAIN:	2286 Btuh @ 83 TD/ 50 TD
		DUCT LOSS:	2745 Btuh @ 101 TD
		SUMMER INFILTR:	50.5 cfm
		WINTER INFILTR:	101.0 cfm

ROOM BY ROOM VALUES:

1015.6 FPM, max velocity in trunk #: 2

ROOM NAME	Requirements based on actual house loads without incorporating duct friction losses.			Cooling Air Values for		Heating Air Values for		Maximum A/C capacity Calibrated Blower Test	
	HEATING LOSS (Btu)	COOLING GAIN (Btu)	CFM DIST	2.5 ton unit		36 Gas/Oil	10 kW Elec		
				CFM	Btuh	CFM	Btuh	Btuh	Btuh (alt adj)
Living Room	4,795	4,580	164	164	4,627	147	5,081	5,345	8,170
M. Bedroom	5,430	4,954	173	180	5,076	162	5,574	5,863	8,590
M. Bath	2,902	2,132	79	100	2,839	90	3,117	3,279	5,081
Utility	1,120	798	30	41	1,151	37	1,264	1,330	1,896
WIC	647	505	19	38	1,088	35	1,194	1,256	1,931
Kitchen	2,542	1,928	73	85	2,407	77	2,643	2,780	4,425
Dining Rm	3,356	4,357	164	141	3,991	127	4,382	4,609	7,205
Bath #1	1,139	977	38	47	1,317	42	1,446	1,521	2,387
Bedroom #3	3,620	2,868	108	121	3,432	109	3,768	3,964	6,203
Bedroom #2	3,292	2,870	108	127	3,581	114	3,932	4,136	6,472
TOTALS	28,843	25,970	955	1,044	29,508	939	32,400	34,082	52,360

APPLICATION ENGINEERING FOR HEATING AND COOLING

PALM HARBOR HOMES - PLANT #6/9
605 S. Frontage Rd.
Plant City, FL 33566

Manufacturer's Model #: FMT3566J
HVAC System Type: OVERHEAD GRAD FLEX FOR UPFLOW (SPLIT A/C)

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Design calculations are based on ACTUAL orientation. Room loads may vary based on actual conditions.

ENTIRE HOUSE VALUES - DESIGN ZONE: FL- DCA, North ORANGE ORIENTATION

COOLING LOAD: 24,331 Btuh based on outside temp of 94 ° F (34 C) with inside temp reduced to 75 ° F (23 C)
HEATING LOAD: 33,061 Btuh based on outside temp of 17 ° F (-9 C) with inside temp raised to 70 ° F (21 C)
GRAINS DIFFERENCE: 40 outside wet bulb 83.2 ° F outside RH: 72.8 %

CONSTRUCTION DETAILS & U FACTORS: (11-11-30)

TOTAL FLOOR AREA:	1680.00 s.f.	TRUE OUTSIDE PERIMETER:	172.00 ft
LOW CEILING HEIGHT:	108 in.	HIGH CEILING HEIGHT:	108 in.
NET WALL AREA:	1364.31 s.f.	ROOF:	0.036
TOTAL Insulated Glass	102.58 s.f.	WALLS:	0.092
TOTAL S.G.D.	40.00 s.f.	FLOOR:	0.069
TOTAL Glass Block	0.00 s.f.	Insulated	0.490
TOTAL Skylite	0.00 s.f.	S.G.D.	0.790
TOTAL DOOR1 AREA:	41.11 s.f.	Glass Blc	0.490
TOTAL DOOR2 AREA:	0.00 s.f.	Skylite	0.490
WINDOW % OF FLOOR	8.49 %	DOOR1:	0.280
WINDOW % OF WALL	9.21 %	DOOR2:	0.280
LATENT GAIN:	3888 Btuh		
Mech. Ventilation :	58.8 cfm	Altitude:	40 ft
		FLOOR DUCTS (U):	0
		ATTIC DUCTS (U):	0.167
		EXT. DUCTS (U):	0.125
		ATTIC DUCT AREA:	119.98 s.f exposed
		EXT. DUCT AREA:	0 s.f exposed
		PEOPLE:	4
		FIREPLACES:	1
		DUCT GAIN:	2251 Btuh @ 83 TD/ 47 TD
		DUCT LOSS:	2995 Btuh @ 108 TD
		SUMMER INFILTR:	50.5 cfm
		WINTER INFILTR:	101.0 cfm

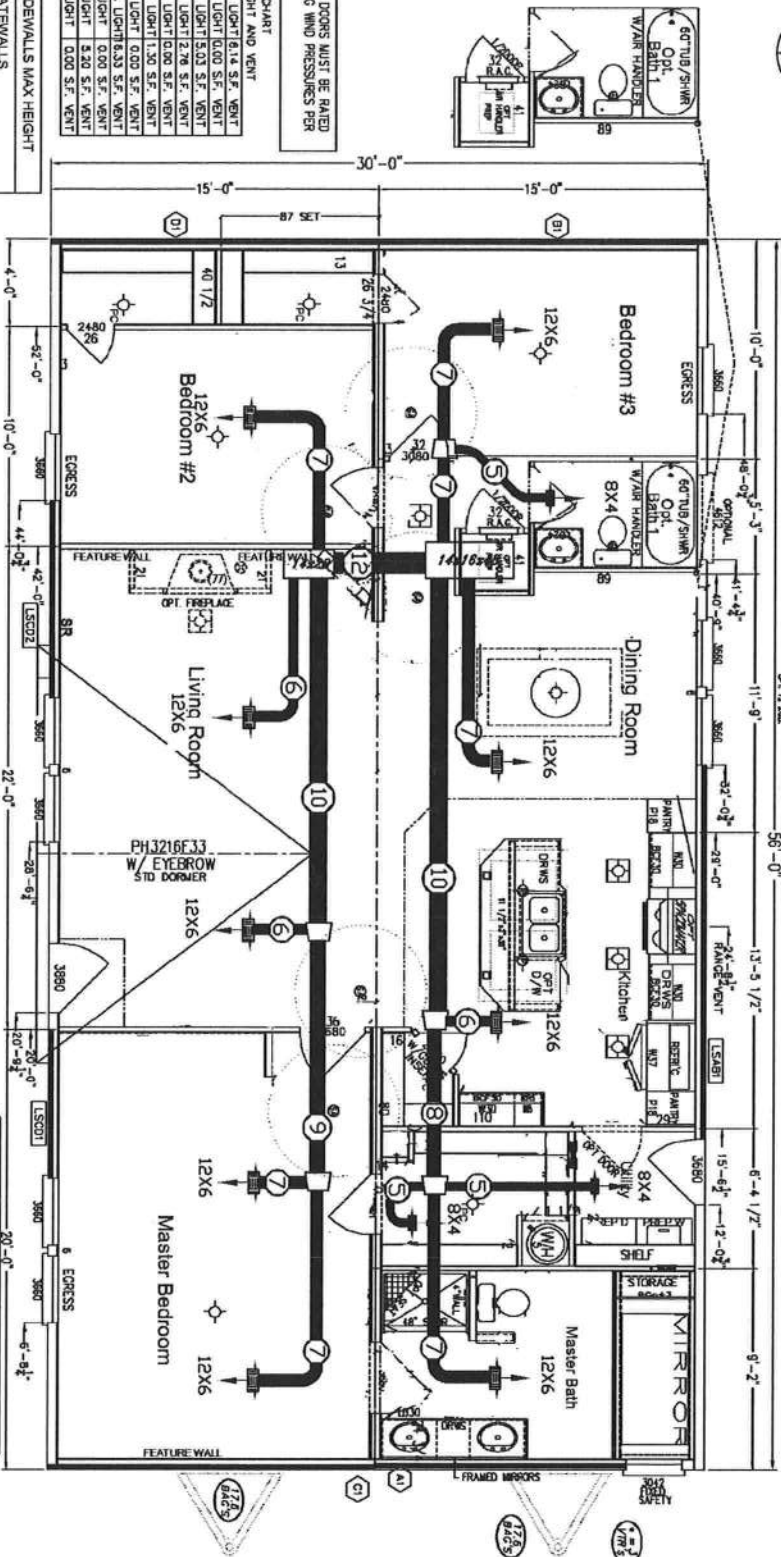
ROOM BY ROOM VALUES:

1015.6 FPM, max velocity in trunk #: 2

ROOM NAME	Requirements based on actual house loads without incorporating duct friction losses.			Cooling Air Values for		Heating Air Values for		10 kW Elec	Maximum A/C capacity Calibrated Blower Test Btuh (alt adj)
	HEATING LOSS (Btu)	COOLING GAIN (Btu)	CFM DIST	2.5 ton unit		48 Gas/Oil Btuh			
				CFM	Btuh				
Living Room	5,498	4,302	159	164	4,744	147	6,774	5,343	8,167
M. Bedroom	6,221	4,647	168	180	5,204	162	7,431	5,861	8,587
M. Bath	3,328	1,972	76	100	2,911	90	4,156	3,278	5,079
Utility	1,275	748	29	41	1,180	37	1,685	1,329	1,896
WIC	729	478	18	38	1,115	35	1,592	1,256	1,930
Kitchen	2,916	1,778	70	85	2,467	77	3,523	2,779	4,424
Dining Rm	3,856	4,152	162	141	4,091	127	5,842	4,607	7,202
Bath #1	1,300	917	37	47	1,350	42	1,928	1,521	2,386
Bedroom #3	4,158	2,662	104	121	3,518	109	5,024	3,962	6,201
Bedroom #2	3,780	2,675	105	127	3,671	114	5,242	4,134	6,470
TOTALS	33,061	24,331	928	1,044	30,252	939	43,200	34,070	52,341



See Page FP-2.2 For Shear Wall Tables See Page FP-2.3 For Shear Wall Notes



NOTE: WINDOWS & DOORS MUST BE RATED FOR THE FOLLOWING WIND PRESSURES PER CHARTS ON CS-1

SIZE	WIND/DOOR CHART
36x60	12 S.F. LIGHT 6.14 S.F. VENT
36x12	2.17 S.F. LIGHT 0.00 S.F. VENT
30x60	9.25 S.F. LIGHT 5.03 S.F. VENT
30x30	9.25 S.F. LIGHT 2.76 S.F. VENT
30x12	1.79 S.F. LIGHT 0.00 S.F. VENT
14x36	2.48 S.F. LIGHT 1.30 S.F. VENT
30x42	6.59 S.F. LIGHT 0.00 S.F. VENT
S.G.O.	32.18 S.F. LIGHT 8.33 S.F. VENT
38x80	4.9 S.F. LIGHT 0.00 S.F. VENT
64x12	5.20 S.F. VENT
ATRILUM	9 S.F. LIGHT 0.00 S.F. VENT

96	SIDEWALLS MAX HEIGHT
108	MATERIALS
150	NPH
940 SF	SQ. FEET A.C. UNIT A
940 SF	SQ. FEET A.C. UNIT B
1880 SF	SQ. FEET TOTAL

GENERAL NOTES:
1. The building may be constructed in an exact mirror image about its axis without any re-approval of the plans (Building may be "flipped" side to side and/or front to rear).
2. Optional horizontal windows may be added at any location without re-approval. The Energy Calculations shall be revised to include the added horizontal windows.
3. Minimum window width is 36".
4. All glazing within a 24 inch arc of doors, whose bottom edge is less than 80 inches above the floor, and all glazing in doors shall be tempered or acrylic plastic sheet.
5. Shearwalls are based on worst case condition (108" sidewall height and a 6/12 roof pitch). Lower sidewall heights and/or lower roof pitches may be indicated.
6. Please refer to the cover sheet of this package for additional notes and requirements.

1. TRANSOM WINDOW E-EGRESS WINDOW INDICATES SHEARWALL LOCATION.

NOTES:
1) SEE SHEAR WALL NOTES AND SHEARWALL TABLES FOR SHEAR WALL CONSTRUCTION REQUIREMENTS.
2) EXTERIOR WALLS ARE 8'-0" MAX.
3) WHEN DESIGNING YOUR OWN FOUNDATION, ADD 2" TO OVERALL WIDTH SHOWN ON THIS PLAN PER MODULE TO ACCOMMODATE GROWTH FROM SHEATHING AND STRAPPING.
4) SIDEWALLS ARE 4' OR 6' UP TO 130 MPH. SIDEWALLS ARE 6' FOR WINDS ABOVE 130 MPH.
5) TRUSSES SPACED 24" O.C. 120 MPH & 130 MPH INTERIOR ZONE, 16" O.C. FOR 130 MPH END ZONE & 140 MPH INTERIOR AND END ZONE (3' FROM END OF ROOF), TRUSSES ARE 16" O.C. 150 MPH INTERIOR ZONES AND 12" O.C. 150 MPH ENDZONES (3' FROM END OF ROOF).
6) RESERVED.

LaSalle Air Systems
Engineered System Using
Overhead Graduated Flex
Ducts w/ Ceiling Diffusers
for Up-Flow Split A/C



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All Rights Reserved

Plant: PLANT CITY, F
Location: 06/09
Number: GRS
Date: 3/9/11
Scribe: COLLINS CRAFT
Model Number: FMT3566J
Page Number: FP-2
Designation:

Floor Plan

Rev. By: -
Revised: -

Approvals

P.E.

3rd Party:

PLAN NUMBER: 2102-XXXXF

Job 58332	Truss C556001	Truss Type MONO SCISSOR	Qty 1	Ply 1	Palm Harbor 216 Plant 6/9 Plant City, FL
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Universal Forest Products Inc., Grand Rapids, MI 49525, Mike Patten

7.250 e Jan 10 2011 MiTek Industries, Inc. Mon Feb 07 10:16:31 2011 Page 1 of 2

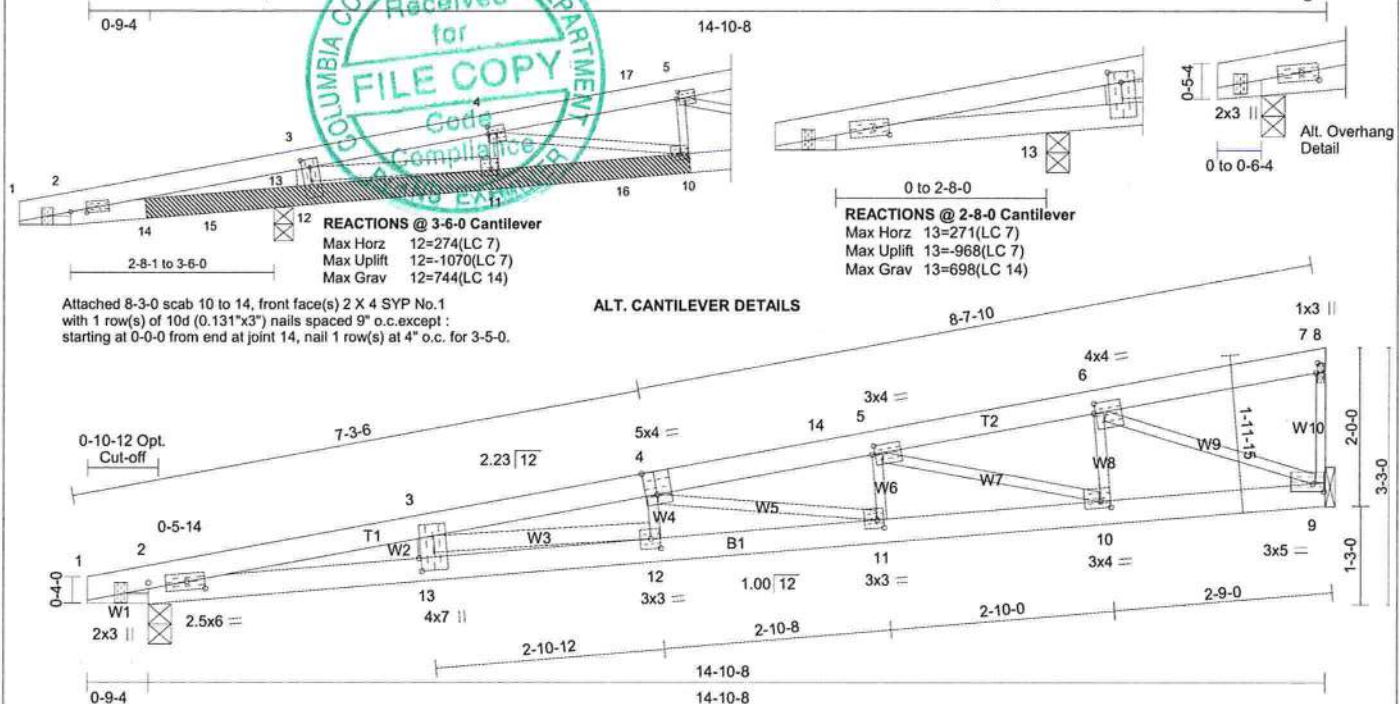


Plate Offsets (X,Y): [2:0-2-12,0-1-4], [4:0-1-12,Edge], [5:0-0-7,0-1-4], [6:0-0-5,0-1-8], [7:0-1-8,0-0-4], [7:2-7-15,14-9-0], [9:0-1-11,0-1-3], [10:0-1-8,0-1-0], [11:0-1-0,0-1-4], [12:0-1-7,0-1-8], [13:0-2-0,0-0-5]

SPACING: 2-0-0 LOADING (psf)	SPACING: 1-4-0 LOADING (psf)	Plates Increase	1.15	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	TCLL 30.0	Lumber Increase	1.15	TC 0.66	Vert(LL)	0.40 12-13	>435	240	MT20	197/144
(Ground Snow=20.0)	(Ground Snow=30.0)	Rep Stress Incr	YES	BC 0.49	Vert(TL)	0.34 12-13	>518	180		
TCDL 7.0	TCDL 10.5	Code IBC2006/TP12002		WB 0.92	Horz(TL)	-0.05 9	n/a	n/a		
BCLL * 0.0	BCLL * 0.0			(Matrix)						
BCDL 7.0	BCDL 10.5									
									Weight: 49 lb	
									FT = 0%	

LUMBER	BRACING
TOP CHORD 2 X 4 SPF No.2	TOP CHORD Structural wood sheathing directly applied or 3-8-0 oc [P]
BOT CHORD 2 X 4 SYP No.1	purlins, except end verticals.
WEBS 2 X 2 SPF Stud *Except*	Rigid ceiling directly applied or 3-7-4 oc bracing.
W2,W3: 2 X 3 SPF No.3	

REACTIONS (lb/size) 2=467/0-3-8 (min. 0-1-8), 9=430/Mechanical	
Max Horz 2=262(LC 7)	
Max Uplift 2=-667(LC 7), 9=-613(LC 7)	
Max Grav 2=569(LC 14), 9=578(LC 14)	

FORCES (lb) - Maximum Compression/Maximum Tension	
TOP CHORD 1-2=-3/0, 2-3=-2229/2773, 3-4=-2231/2796, 4-14=-1689/2050, 5-14=-1670/2051,	
5-6=-935/1082, 6-7=-22/9, 7-8=-2/0, 7-9=-89/114	
BOT CHORD 2-13=-2950/2143, 12-13=-2949/2146, 11-12=-2954/2196, 10-11=-2179/1675, 9-10=-1180/934	
WEBS 3-13=-9/96, 4-12=-8/108, 5-11=-220/211, 6-10=-376/335, 6-9=-1005/1271, 5-10=-798/1071,	
4-11=-560/808, 3-12=-7/50	

- NOTES**
- 1) Wind: ASCE 7-05; 130mph @24in o.c.; TCDL=2.8psf; BCDL=2.8psf; (Alt. 150mph @16in o.c.; TCDL=4.2psf; BCDL=4.2psf); h=30ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-05; Pg=20.0 psf (ground snow); Ps=20.0 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1; IBC 1607.11.2 minimum roof live load applied where required.; IBC 1608.3 minimum flat roof snow load governs.
 - 3) Roof design snow load has been reduced to account for slope.
 - 4) Unbalanced snow loads have been considered for this design.

WARNING - Verify design parameters and READ NOTES

This building component has only been designed for the loads noted on this drawing. Construction and lifting forces have not been considered. The builder is responsible for lifting methods and system design. Builder responsibilities are defined under TP11. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult BCSI 1-06 from the Wood Truss Council of America and Truss Plate Institute Recommendation available from WTCA, 6300 Enterprise LN, Madison, WI 53719 J:\support\MitekSupp\templates\ufp.lpe copyright 2011 by: Universal Forest Products, Inc.

Universal Forest Products, Inc. 2801 EAST BELTLINE RD, NE
PHONE (616)-364-6161 FAX (616)-365-0060 GRAND RAPIDS, MI 49525

Signature is invalid
Consult UFP Engineering
for original document.

2/7/2011



Job 58332	Truss C556001	Truss Type MONO SCISSOR	Qty 1	Ply 1	Palm Harbor 216 Plant 6/9 Plant City, Fl
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Universal Forest Products Inc., Grand Rapids, MI 49525, Mike Patten 7.250 e Jan 10 2011 MiTek Industries, Inc. Mon Feb 07 10:16:31 2011 Page 2 of 2

- 5) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.
- 6) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
- 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 667 lb uplift at joint 2 and 613 lb uplift at joint 9.
- 10) Fixity of members 6 - 7, 9 - 7 have been changed.
- 11) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.
- 12) This truss has been designed in accordance with the 2006 IBC Sec 2303.4.2, 2006 IRC Sec 802.10.2

WARNING - Verify design parameters and READ NOTES

This building component has only been designed for the loads noted on this drawing. Construction and lifting forces have not been considered. The builder is responsible for lifting methods and system design. Builder responsibilities are defined under TP11. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult BCSI 1-06 from the Wood Truss Council of America and Truss Plate Institute Recommendation available from WTCA, 6300 Enterprise LN, Madison, WI 53719 J:\support\MitekSupp\templates\ufp.tpe© copyright 2011 by: Universal Forest Products, Inc.

Universal Forest Products, Inc. 2801 EAST BELTLINE RD, NE
PHONE (616)-364-6161 FAX (616)-365-0060 GRAND RAPIDS, MI 49525





UNIVERSAL FOREST PRODUCTS, INC.

Job 58332	Truss C556001	Customer PALM HARBOR	MFG 216
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2/7/2011


FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

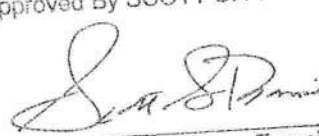
Florida Department of Community Affairs Residential Performance Method A

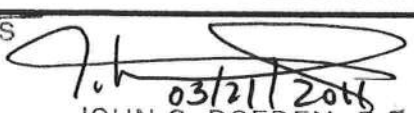
Project Name: FMT3566J CENTRAL AH Street: City, State, Zip: , FL, Owner: Design Location: FL, Lakeland		Builder Name: PALM HARBOR HOMES Permit Office: Permit Number: 29298 Jurisdiction: 221000	
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1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? Yes 6. Conditioned floor area (ft²) 1680 7. Windows(169.1 sqft.) Description Area a. U-Factor: Dbl, U=0.35 169.08 ft² SHGC: SHGC=0.30 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: d. U-Factor: N/A ft² SHGC: e. U-Factor: N/A ft² SHGC: 8. Floor Types (1680.0 sqft.) Insulation Area a. Crawlspace R=11.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types (1566.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=11.0 1566.00 ft² b. N/A R= ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1680.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 336 ft² 12. Cooling systems a. Central Unit Cap: 23.5 kBtu/hr SEER: 13 13. Heating systems a. Electric Heat Pump Cap: 16.9 kBtu/hr HSPF: 7.7 14. Hot water systems a. Electric Cap: 50 gallons EF: 0.91 b. Conservation features None 15. Credits None
--	--

Glass/Floor Area: 0.101	Total As-Built Modified Loads: 44.03	PASS
	Total Baseline Loads: 52.69	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>Bruce Bussell</u> DATE: <u>03/14/11</u> <u>Rate ID: 608</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. <div style="text-align: center;">  </div> BUILDING OFFICIAL: _____ DATE: _____
---	--

Date _____ Plan No. _____
Approved By SCOTT S. FRANCIS

 Modular Building Plans Examiner
 Florida License No. SMP-42


 JOHN C. DOEDEN, P.E.
 FL LIC. NO. 45484


FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: FMT3566J SOUTH PAC Street: City, State, Zip: , FL , Owner: Design Location: FL, MARATHON_AIRPORT		Builder Name: PALM HARBOR HOMES Permit Office: Permit Number: Jurisdiction:	
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1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? Yes 6. Conditioned floor area (ft²) 1680 7. Windows(169.1 sqft.) Description Area a. U-Factor: Dbl, U=0.35 169.08 ft² SHGC: SHGC=0.30 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: d. U-Factor: N/A ft² SHGC: e. U-Factor: N/A ft² SHGC: 8. Floor Types (1680.0 sqft.) Insulation Area a. Crawlspace R=11.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types (1566.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=11.0 1566.00 ft² b. N/A R= ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1680.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts a. Sup: Attic Ret: Exterior AH: Exterior Sup. R= 6, 336 ft² 12. Cooling systems a. Central Unit Cap: 26.5 kBtu/hr SEER: 14 13. Heating systems a. Electric Heat Pump Cap: 12.8 kBtu/hr HSPF: 7.7 14. Hot water systems a. Electric Cap: 50 gallons EF: 0.91 b. Conservation features None 15. Credits None
--	--

Glass/Floor Area: 0.101	Total As-Built Modified Loads: 58.91	PASS
	Total Baseline Loads: 74.87	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>Bruce Bussell</u> DATE: <u>03/14/11</u> <u>Rate ID: 608</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. <div style="text-align: center;">  </div> BUILDING OFFICIAL: _____ DATE: _____
---	--

 Date _____ Plan No. _____
 Approved By SCOTT S. FRANCIS

John C. Doeden
 Modular Building Plans Examiner
 Florida License No. SMP-42

03/21/2011
 JOHN C. DOEDEN, P.E.
 FL LIC. NO. 45484

 SEE MANUFACTURER'S CONTRACT
 WITH FLORIDA DCA.


FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: FMT3566J SOUTH AH Street: City, State, Zip: , FL , Owner: Design Location: FL, MARATHON_AIRPORT	Builder Name: PALM HARBOR HOMES Permit Office: Permit Number: Jurisdiction:
---	--

1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? Yes 6. Conditioned floor area (ft²) 1680 7. Windows(169.1 sqft.) Description Area a. U-Factor: Dbl, U=0.35 169.08 ft² SHGC: SHGC=0.30 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: d. U-Factor: N/A ft² SHGC: e. U-Factor: N/A ft² SHGC: 8. Floor Types (1680.0 sqft.) Insulation Area a. Crawlspace R=11.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types (1566.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=11.0 1566.00 ft² b. N/A R= ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1680.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 336 ft² 12. Cooling systems a. Central Unit Cap: 26.5 kBtu/hr SEER: 14 13. Heating systems a. Electric Heat Pump Cap: 12.8 kBtu/hr HSPF: 7.7 14. Hot water systems a. Electric Cap: 50 gallons EF: 0.91 b. Conservation features None 15. Credits None
--	--

Glass/Floor Area: 0.101	Total As-Built Modified Loads: 58.12	PASS
	Total Baseline Loads: 74.87	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>Bruce Brussell</u> DATE: <u>03/14/11 Rater ID: 608</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. <div style="text-align: center;">  </div> BUILDING OFFICIAL: _____ DATE: _____
--	--

 Date _____ Plan No. _____
 Approved By SCOTT S. FRANCIS

 JOHN C. DOEDEN, P.E.
 FL LIC. NO. 45484

 Modular Building Plans Examiner
 Florida License No. SMP-42

 SEE MANUFACTURER'S CONTRACT
 WITH FLORIDA DCA.


FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: FMT3566J NORTH PAC Street: City, State, Zip: , FL , Owner: Design Location: FL, Jacksonville		Builder Name: PALM HARBOR HOMES Permit Office: Permit Number: Jurisdiction:	
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1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? Yes 6. Conditioned floor area (ft²) 1680 7. Windows(169.1 sqft.) Description Area a. U-Factor: Dbl, U=0.35 169.08 ft² SHGC: SHGC=0.30 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: d. U-Factor: N/A ft² SHGC: e. U-Factor: N/A ft² SHGC: 8. Floor Types (1680.0 sqft.) Insulation Area a. Crawlspace R=11.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types (1566.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=11.0 1566.00 ft² b. N/A R= ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1680.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts a. Sup: Attic Ret: Exterior AH: Interior Sup. R= 6, 336 ft² 12. Cooling systems a. Central Unit Cap: 24.7 kBtu/hr SEER: 13 13. Heating systems a. Electric Heat Pump Cap: 21.6 kBtu/hr HSPF: 7.7 14. Hot water systems a. Electric Cap: 50 gallons EF: 0.91 b. Conservation features None 15. Credits None
--	--

Glass/Floor Area: 0.101	Total As-Built Modified Loads: 38.32 Total Baseline Loads: 47.23	PASS
-------------------------	---	------

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>Bruce Busell</u> DATE: <u>03/14/11 Rater FD: 608</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. <div style="text-align: center;">  </div> BUILDING OFFICIAL: _____ DATE: _____
--	--

 Date _____ Plan No. _____
 Approved By SCOTT S. FRANCIS



 Modular Building Plans Examiner
 Florida License No. SMP-42

 03/21/2011
 JOHN C. DOEDEN, P.E.
 FL LIC. NO. 45484

 SEE MANUFACTURER'S CONTRACT
 WITH FLORIDA DCA.


FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

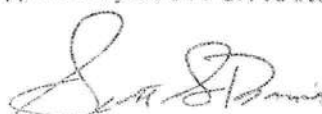
Project Name: FMT3566J NORTH AH Street: City, State, Zip: , FL , Owner: Design Location: FL, Jacksonville		Builder Name: PALM HARBOR HOMES Permit Office: Permit Number: Jurisdiction:	
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1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? Yes 6. Conditioned floor area (ft²) 1680 7. Windows (169.1 sqft.) Description Area a. U-Factor: Dbl, U=0.35 169.08 ft² SHGC: SHGC=0.30 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: d. U-Factor: N/A ft² SHGC: e. U-Factor: N/A ft² SHGC: 8. Floor Types (1680.0 sqft.) Insulation Area a. Crawlspace R=11.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types (1566.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=11.0 1566.00 ft² b. N/A R= ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1680.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 336 ft² 12. Cooling systems a. Central Unit Cap: 24.7 kBtu/hr SEER: 13 13. Heating systems a. Electric Heat Pump Cap: 21.6 kBtu/hr HSPF: 7.7 14. Hot water systems a. Electric Cap: 50 gallons EF: 0.91 b. Conservation features None 15. Credits None
---	--

Glass/Floor Area: 0.101	Total As-Built Modified Loads: 38.15	PASS
	Total Baseline Loads: 47.23	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>Bruce Busell</u> DATE: <u>03/14/11 Rater Id = 608</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. <div style="text-align: center;">  </div> BUILDING OFFICIAL: _____ DATE: _____
---	--

 Date _____ Plan No. _____
 Approved By SCOTT S. FRANCIS



 Modular Building Plans Examiner
 Florida License No. SMP-42

03/21/2011
 JOHN C. DOEDEN, P.E.
 FL LIC. NO. 45484

 SEE MANUFACTURER'S CONTRACT
 WITH FLORIDA DCA.

3/14/2011 9:30 AM

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FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A


Project Name: FMT3566J CENTRAL PAC Street: City, State, Zip: , FL , Owner: Design Location: FL, Lakeland		Builder Name: PALM HARBOR HOMES Permit Office: Permit Number: Jurisdiction:	
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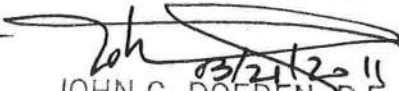
1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? Yes 6. Conditioned floor area (ft²) 1680 7. Windows(169.1 sqft.) Description Area a. U-Factor: Dbl, U=0.35 169.08 ft² SHGC: SHGC=0.30 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: d. U-Factor: N/A ft² SHGC: e. U-Factor: N/A ft² SHGC: 8. Floor Types (1680.0 sqft.) Insulation Area a. Crawlspace R=11.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types (1566.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=11.0 1566.00 ft² b. N/A R= ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1680.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1680.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts a. Sup: Attic Ret: Exterior AH: Exterior Sup. R= 6, 336 ft² 12. Cooling systems a. Central Unit Cap: 23.9 kBtu/hr SEER: 13 13. Heating systems a. Electric Heat Pump Cap: 17.5 kBtu/hr HSPF: 7.7 14. Hot water systems a. Electric Cap: 50 gallons EF: 0.91 b. Conservation features None 15. Credits None
--	--

Glass/Floor Area: 0.101	Total As-Built Modified Loads: 44.86	PASS
	Total Baseline Loads: 52.69	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>Bruce Busell</u> DATE: <u>03/14/11 Rater Id = 608</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.  BUILDING OFFICIAL: _____ DATE: _____
---	--

 Date _____ Plan No. _____
 Approved By SCOTT S. FRANCIS


 Modular Building Plans Examiner
 Florida License No. SMP-42


 JOHN C. DOEDEN, P.E.
 FL LIC. NO. 45484

 SEE MANUFACTURER'S CONTRACT
 WITH FLORIDA DCA.

COLUMBIA COUNTY OFFICE

M/H 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 22-4S-16-03090-316

Building permit No. 000029298

Permit Holder C.SCOTT COLLINS

Owner of Building BILL HUGGINS

Location: 229 SW MEREDITH LN, LAKE CITY, FL 32024

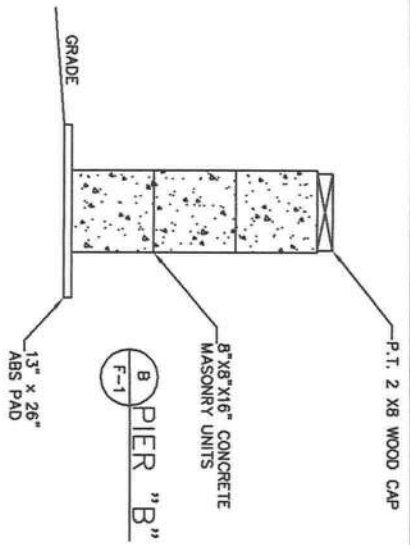
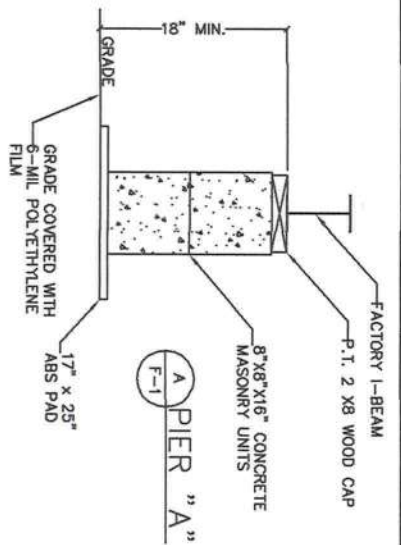
Date: 04/29/2011



Ray Lee

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

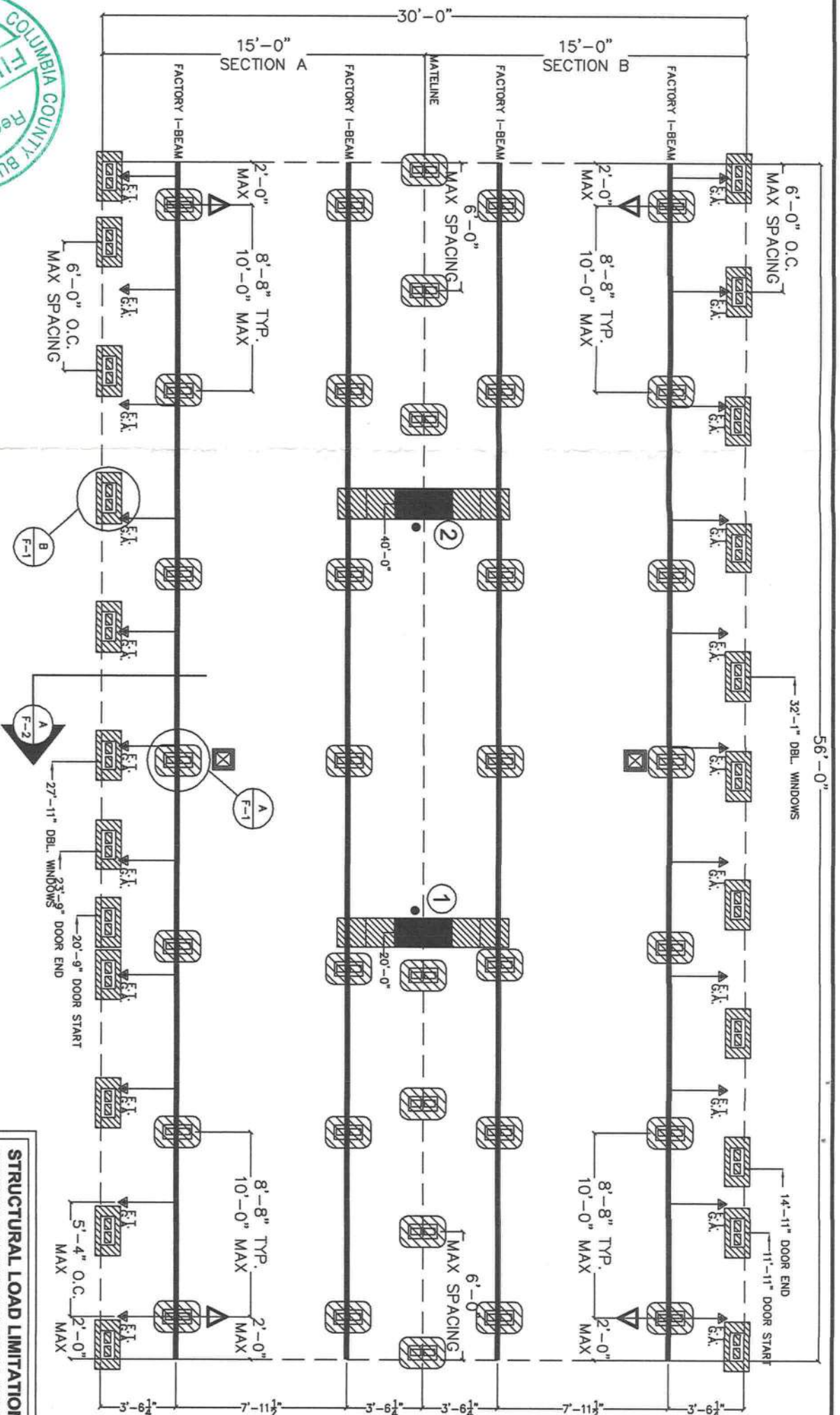


SYMBOLS

- ▽ F.T. - FRAME TIE-DOWN FASTENED TO G.A. GROUND ANCHOR.
- - COLUMN ANCHOR STRAP FASTENED TO GROUND ANCHOR
- △ - MINUTE MAN ANCHORS OR EQUIVALENT LONGITUDINAL & LATERAL BRACING SYSTEM
- ⊠ - MINUTE MAN ANCHORS OR EQUIV. LATERAL BRACING SYSTEM ONLY

FOUNDATION NOTES:

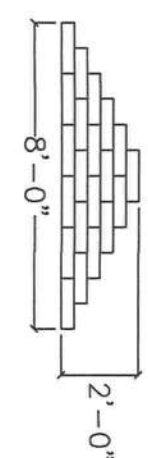
- BLOCKING SPACING BASED ON 20 PSF LIVE LOAD ON ROOF AND 1000 PSF SOIL BEARING CAPACITY.
- CONCRETE BLOCKS ARE ONLY RATED AT 8000 POUNDS, 8000 POUND PIERS OR HIGHER MUST BE DOUBLE BLOCKED.
- STABILIZER SYSTEM PER MINUTE MAN ANCHORS, INC. OR EQUIVALENT AND ALL SIDEWALL ANCHORS ARE SPACED PER PLAN. FOUR FOOT GROUND ANCHOR MAY BE USED.
- WOOD SHIMS MAY BE INSTALLED WHEN NECESSARY BETWEEN THE I-BEAM AND THE TOP OF THE PIER. SHIMS SHALL BE FREE OF KNOTS, SPLITS, AND SIMILAR IMPERFECTIONS. SHIMS SHALL BE OF P.T. LUMBER, CEDAR, OR ABS AND BEAR AT ALL CONTACT POINTS SHALL NOT BE LESS THAN 2/3 OF THE BEARING PRIOR TO ADDING THE SHIMS.
- ALL TIE DOWN ANCHORS SHALL HAVE A MINIMUM 4,725 LB. CAPACITY AND SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
- THE STEEL FRAME OF HOME IS NOT FOR USE OF RELOCATION OF HOME AFTER SETUP, AND IS INTENDED FOR USE AS A PERMANENT FOUNDATION.
- ALL PIERS SHALL BE CONSTRUCTED OF 8' X 8' X 16' CONCRETE MASONRY UNITS CONFORMING TO ASTM C90.
- INSTALL BLOCK PIERS ON EACH SIDE OF ALL EXTERIOR DOOR OPENINGS.
- I-BEAM SUPPORT PIERS MAY BE INSTALLED LATERALLY (90 DEGREES FROM THE ORIENTATION SHOWN ON THE FOUNDATION PLAN), MUST BE LOCATED DIRECTLY BELOW THE I-BEAM CENTRELINE.



COLUMN LOADS	
1	= 7632 LBS.
2	= 7632 LBS.

LEGEND

- 17.5"x25.5" ABS PAD = 3000 LBS. CAPACITY
- 13"x26" ABS PAD = 2375 LBS. CAPACITY
- 16"x16"x4" CONCRETE PIER PADS - STACKED LOAD CAPACITY = 6 PADS ON BOTTOM X 1490 LBS. LOAD CAPACITY = 8940 LBS.



STRUCTURAL LOAD LIMITATIONS:

- CODE EDITION: 2007 FLORIDA BUILDING CODE & ASCE 7-08
- BASIC WIND SPEED: 120 mph WIND SPEED
 - DESIGN WIND SPEED: 120 mph WIND SPEED
 - WIND EXPOSURE CATEGORY: "B"
 - IMPORTANCE FACTOR: 1.0
 - INTERNAL PRESSURES: +25.9 -28.4 INTERIOR
 - DESIGN ROOF LIVE LOAD: +25.9 31.6 END
 - DESIGN FLOOR LIVE LOAD: 20 PSF
 - MIN. ASSUMED SOIL BEARING CAPACITY: 1000 PSF
 - OCCUPANCY CLASSIFICATION: R3
 - CONSTRUCTION TYPE: VB
 - THIS BUILDING IS NOT DESIGNED FOR PLACEMENT IN A HIGH VELOCITY HURRICANE ZONE AS DEFINED BY THE FIC
 - THIS BUILDING IS NOT DESIGNED TO BE SUBMERGED OR SUBJECT TO WAVE ACTION WHEN LOCATED IN A FLOOD PRONE OR ZONE AREA. THE BOTTOM OF THE STRUCTURAL FRAME MUST BE LOCATED ABOVE THE BUILDING SITE FLOOD PRONE OR ZONE AREA OR THE GRADE AT THE BUILDING SITE MUST BE ABOVE THE FLOOD PLANE LEVEL.

SES

Senyb Engineering Services
Senyb Engineering Services
805 Reflections Loop East
Winter Haven, FL 33884
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THESE STANDARDS AND PLANS MEET
THE 2007 F.B.C. - RESIDENTIAL
2008 Amendments
MAX. WIND = 120 MPH Exposure "B"

LEONARD G. WOOD P.E. #47377
4024 THE FENWAY
MULBERRY, FL 33880
PHONE: 883-646-5517

LEONARD G. WOOD
REGISTERED PROFESSIONAL
ENGINEER # 47377

SETUP CONSTRUCTION

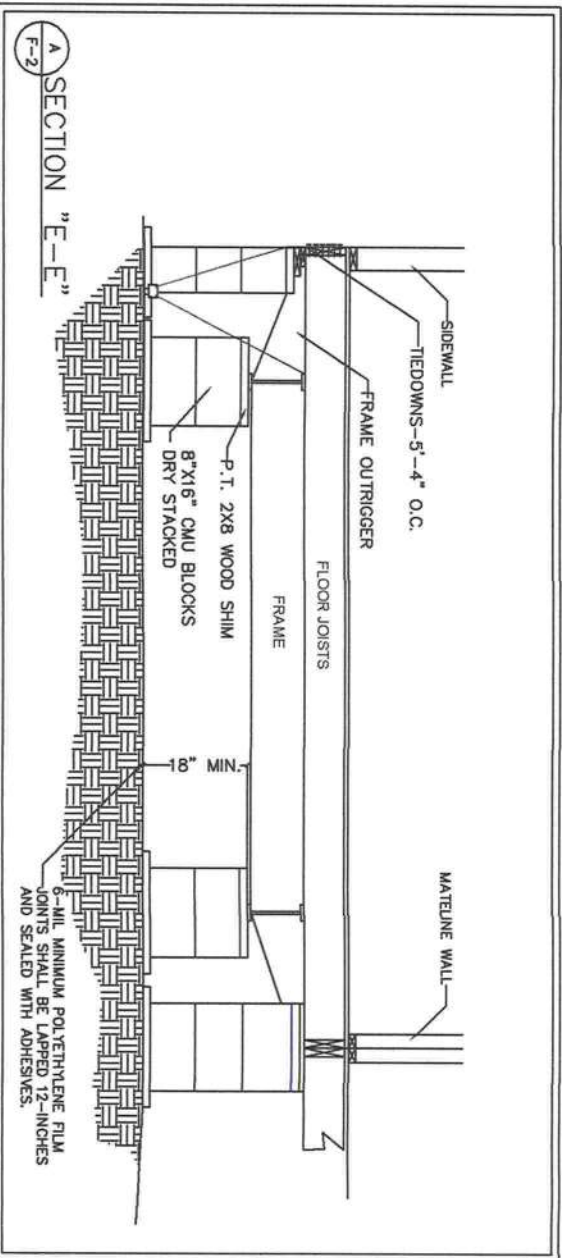
DRAWING INFORMATION
NAME: M.B.J.
DATE: 03-31-2011
SCALE: NOT PRINTED TO SCALE

CUSTOMER: 32'-0" X 56'-0" (HUGGINS)
ADDRESS: 229 SW Meredith Lane, Lake City, FL 32024
FOUNDATION PLAN AND DETAILS

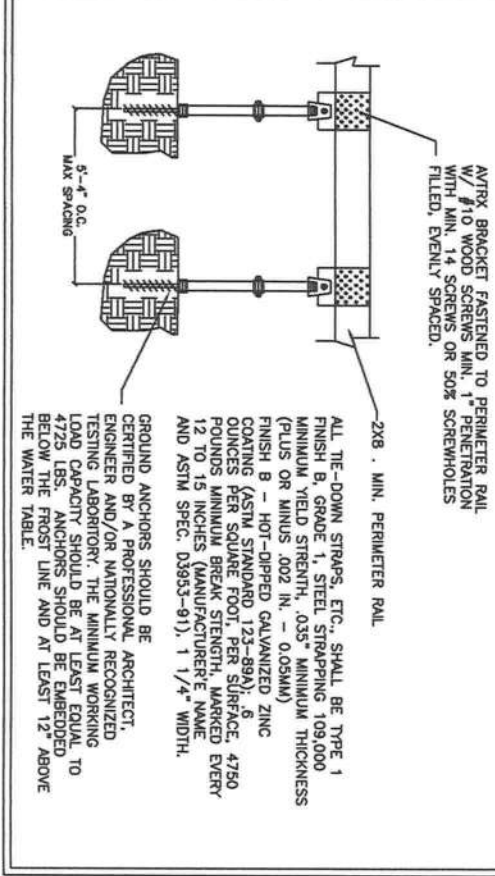
PROVIDED BY
SENYB ENGINEERING SERVICES
Winter Haven, Florida

DESIGNED FOR 20
PSF ROOF LIVE LOAD
AND 1000 PSF SOIL
BEARING CAPACITY

SHEET 1 OF 2



GROUND ANCHOR INSTALLATION



Senyb Engineering Services
Senyb Engineering Services
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Winter Haven, FL 33884
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THE 2007 F.B.C. - RESIDENTIAL
2009 Amendments
MAX. WIND = 120 MPH Exposure 'B'

LEONARD G. WOOD P.E. #47377
4034 THE-FENWAY
MULBERRY, FL 33880
PHONE: 883-948-5517

DATE

LEONARD G. WOOD
REGISTERED PROFESSIONAL
ENGINEER # 47377

CONSTRUCTION DETAILS

DRAWING INFORMATION

NAME: M.B.L.

DATE: 03-31-2011

SCALE: NOT PRINTED TO SCALE

CUSTOMER: 32'-0" X 56'-0" (HUGGINS)
FOUNDATION PLAN AND DETAILS
PROVIDED BY

SENYB ENGINEERING SERVICES
Winter Haven, Florida

DESIGNED FOR 20
PSF ROOF LIVE LOAD
AND 1000 PSF SOIL
BEARING CAPACITY

F-2

SHEET 2 OF 2