

DATE 10/12/2009

Columbia County Building Permit  
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT  
000028141

APPLICANT MARK DISOSWAY PHONE 386.754.5419  
ADDRESS POB 868 LAKE CITY FL 32056  
OWNER DAVID DISOSWAY PHONE 386.623.3015  
ADDRESS 116 SW STONERIDGE DR LAKE CITY FL 32024  
CONTRACTOR MARK DISOSWAY PHONE 386.754.5419  
LOCATION OF PROPERTY 47-S TO WALTER AVE., TL TO 1 MILE INTO ROSE CREEK PLANT. S.D.  
AND IT'S 1ST. LOT ON R @ STONERIDGE DR.  
TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 183100.00  
HEATED FLOOR AREA 2571.00 TOTAL AREA 3662.00 HEIGHT 31.30 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 16'12 FLOOR CONC  
LAND USE & ZONING A-3 MAX. HEIGHT 35  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 01-5S-16-03406-111 SUBDIVISION ROSE CREEK PLANT.  
LOT 11 BLOCK \_\_\_\_\_ PHASE 1 UNIT \_\_\_\_\_ TOTAL ACRES 5.00

000001768 \_\_\_\_\_ CBC1257252 \_\_\_\_\_  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
WAIVER 09-0495 BLK WR N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE. FINISH FLOOR DETERMINATION LETTER ENCLOSED. NW 12" ABOVE  
EXISTING GRADE.

Check # or Cash 1192

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power \_\_\_\_\_ Foundation \_\_\_\_\_ Monolithic \_\_\_\_\_  
date/app. by date/app. by date/app. by  
Under slab rough-in plumbing \_\_\_\_\_ Slab \_\_\_\_\_ Sheathing/Nailing \_\_\_\_\_  
date/app. by date/app. by date/app. by  
Framing \_\_\_\_\_ Insulation \_\_\_\_\_  
date/app. by date/app. by  
Rough-in plumbing above slab and below wood floor \_\_\_\_\_ Electrical rough-in \_\_\_\_\_  
date/app. by date/app. by  
Heat & Air Duct \_\_\_\_\_ Peri. beam (Lintel) \_\_\_\_\_ Pool \_\_\_\_\_  
date/app. by date/app. by date/app. by  
Permanent power \_\_\_\_\_ C.O. Final \_\_\_\_\_ Culvert \_\_\_\_\_  
date/app. by date/app. by date/app. by  
Pump pole \_\_\_\_\_ Utility Pole \_\_\_\_\_ M/H tie downs, blocking, electricity and plumbing \_\_\_\_\_  
date/app. by date/app. by date/app. by  
Reconnection \_\_\_\_\_ RV \_\_\_\_\_ Re-roof \_\_\_\_\_  
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 920.00 CERTIFICATION FEE \$ 18.31 SURCHARGE FEE \$ 18.31  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ \_\_\_\_\_  
FLOOD DEVELOPMENT FEES \$ \_\_\_\_\_ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 1031.62  
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.

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 03-923 ✓  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

Property Appraiser's  
Identification Number R03406-111

Inst:2004001022 Date:01/20/2004 Time:10:44

Doc Stamp-Deed : 406.00

MLC DC, P. DeWitt Cason, Columbia County B:1004 P:2170

### WARRANTY DEED

THIS INDENTURE, made this 14th day of January, 2004, BETWEEN CHRISTOPHER J. CURRY, whose post office address is Post Office Box 2287, Lake City, FL 32056, of the County of Columbia, State of Florida, grantor\*, and DAVID M. DISOSWAY, whose post office address is P.O. Box 2033, LAKE CITY, FL 32056, of the County of Columbia, State of Florida, grantee\*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 11, ROSE CREEK PLANTATION PHASE I, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 19 & 20 of the public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

N.B.: Neither the Grantor nor any member of his family live on or reside on the property described herein or any land adjacent thereto or claim any part hereof or any land adjacent thereto as their homestead.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

\*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered  
in our presence:



(Signature of First Witness)

Terry McDavid

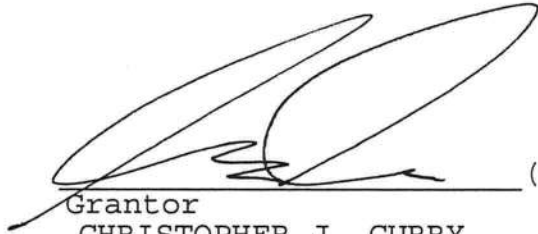
(Typed Name of First Witness)



(Signature of Second Witness)

Crystal L. Brunner

(Typed Name of Second Witness)



(SEAL)

Grantor

CHRISTOPHER J. CURRY

Printed Name

Inst:2004001022 Date:01/20/2004 Time:10:44

Doc Stamp-Deed : 406.00

DC,P.DeWitt Cason,Columbia County B:1004 P:2171

STATE OF Florida  
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 14th  
day of January, 2004, by CHRISTOPHER J. CURRY, who is personally  
known to me and who did not take an oath.

My Commission Expires:



Notary Public

Printed, typed, or stamped name:





28141

**Columbia County Building Department  
Culvert Permit**

**Culvert Permit No.  
000001768**

DATE 10/25/2011 PARCEL ID # 01-5S-16-03406-111

APPLICANT MARK DISOSWAY PHONE 386.754.5419

ADDRESS POB 868 LAKE CITY FL 32056

OWNER DAVID DISOSWAY PHONE 386.623.3015

ADDRESS 116 SW STONERIDGE DR LAKE CITY FL 32024

CONTRACTOR MARK DISOSWAY PHONE 386.754.5419

LOCATION OF PROPERTY 47-S TO WALTER AVE., TL TO 1 MIL INTO ROSE CREEK PLANT. S.D.

AND IT'S 1ST. LOT ON R @ STONERIDGE DR.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROSE CREEK PLANT. 11 1

SIGNATURE 

**INSTALLATION REQUIREMENTS**

☒

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
  - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other PLEASE CALL CONTRACTOR @ 386.754.5419 PRIOR TO INSPECTING.

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED  
DURING THE INSTALLATION OF THE CULVERT.**

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

**Amount Paid 25.00**





## Columbia County Building Permit Application

1768/28141

For Office Use Only Application # 0910-05 Date Received 10/2 By GT Permit # (WR) 10/7/09

Zoning Official BLK Date 12.10.09 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE See below River N/A Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_

Comments Finished Floor Determination Letter enclosed w/ corner 12" above existing grade

☒ NOC ☐ EH ☐ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # \_\_\_\_\_

☐ Dev Permit # \_\_\_\_\_ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS N/A Fire Suspended Corr \_\_\_\_\_ Road/Code ☒ Verification

School N/A = TOTAL AD Truss eng. ☒ Well letter

Septic Permit No. \_\_\_\_\_ Fax 386-269-4871Name Authorized Person Signing Permit Mark Disosway Phone 386-754-5419Address PO Box 868 Lake City, FL 32056Owners Name David Disosway Phone 386-623-3015911 Address 116 SW Stoneridge Dr. Lake City, FL 32024Contractors Name Wind Anchor, Inc. (Mark Disosway) Phone 386-754-5419Address PO Box 868 Lake City, FL 32056

Fee Simple Owner Name &amp; Address \_\_\_\_\_

Bonding Co. Name &amp; Address \_\_\_\_\_

Architect/Engineer Name & Address Mark Disosway P.E. PO Box 868 Lake City, FL 32056Mortgage Lenders Name & Address Columbia Bank 173 NW Hillsboro St. Lake City, FL 32055Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress EnergyProperty ID Number 01-55-16-03406-111 Estimated Cost of Construction \$220,000Subdivision Name Rose Creek Plantation Lot 11 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase 1Driving Directions (S) on SR 47 (L) on SW Walter Ave. go 1 mi;(L) into Rose Creek Plantation & first Lot on the right  
(Stoneridge Dr)Number of Existing Dwellings on Property 0Construction of New Residence SFD Total Acreage 5 Lot Size \_\_\_\_\_Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 31'-3"Actual Distance of Structure from Property Lines - Front 180' Side 130' Side 160' Rear 317'Number of Stories 2 Heated Floor Area 2571 Total Floor Area 3662 Roof Pitch 16/12

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.

left message  
w/office10/12/09  
w 3:15P



**Columbia County Building Permit Application**

**TIME LIMITATIONS OF APPLICATION :** An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless 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.

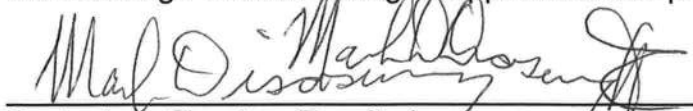
**NOTICE TO OWNER:** There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

  
\_\_\_\_\_  
Owners Signature

**\*\*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 CBC1257252  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 2nd day of Oct 2009

Personally known ☒ or Produced Identification \_\_\_\_\_

  
\_\_\_\_\_  
State of Florida Notary Signature (For the Contractor)

SEAL:



## CLYATT WELL DRILLING, INC.

(Established in 1971)  
Post Office Box 180  
Worthington Springs, FL 32697  
Phone (386)496-2488 \*\*\* FAX (386)496-4640

## WELL DESCRIPTION

DESCRIPTION DATE
9/30/2009

CUSTOMER NAME AND ADDRESS
David Disosway

DESCRIPTION OF WORK
4" Well and Pump

DESCRIPTION
JOB LOCATION: 116 Southwest Stoneridge Drive Lake City, Florida 32024  4" Well 1-1/2 HP Submersible Pump 1-1/4" Drop Pipe 14/3 Submersible Pump Wire Pressure Tank 4 X 1-1/4 Well Seal Pressure Relief Valve Controls and Fittings Sales Tax @ 7%

The above description is provided to give a brief description of the water well to be constructed by Clyatt Well Drilling, Inc.



THIS INSTRUMENT WAS PREPARED BY:  
TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328  
RETURN TO:  
TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328  
File No. 02-227

Inst. 200912016263 Date 9/29/2009 Time: 8:37 AM  
DC, P DeWitt Cason, Columbia County Page 1 of 2 B:1181 P:1312

PERMIT NO. \_\_\_\_\_

TAX FOLIO NOS.: 03406-111

NOTICE OF COMMENCEMENT

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

Lot 11, ROSE CREEK PLANTATION PHASE I, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 19 & 20, of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: David M. Disosway  
P.O. Box 2033  
Lake City, FL 32056

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. a. Contractor: Wind Anchor, Inc.  
P.O. Box 868  
Lake City, FL 32056

b. Contractor's Telephone Number: 386-754-5419

5. Surety

a. Name and address: None

b. Phone Number:

c. Amount of Bond:

6. a. Lender: Columbia Bank  
173 NW Hillsboro Street  
Lake City, FL 32055

b. Lender's Telephone Number: 386-754-8888

7. a. 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: None

b. Phone Number:

8. a. In addition to himself or herself, Owner designates \_\_\_\_\_ of \_\_\_\_\_, to receive a copy of the Lienor's Notice as provided

in Section 713.13(1)(b), Florida Statutes.

b. Phone Number:

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

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

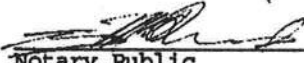
VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES.

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.

  
DAVID M. DISOSWAY

STATE OF FLORIDA  
COUNTY OF COLUMBIA

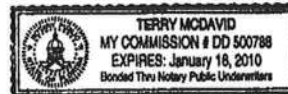
The foregoing instrument was acknowledged before me this 24<sup>th</sup> day of September 2009, by DAVID M. DISOSWAY. He is personally known to me and did not take an oath.

  
Notary Public  
My commission expires: \_\_\_\_\_

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: Rose Ann Aiello  
Deputy Clerk

Date: Sept 29 2009



# 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: 9/22/2009 DATE ISSUED: 9/24/2009

### ENHANCED 9-1-1 ADDRESS:

116 SW STONERIDGE DR

LAKE CITY FL 32024

### PROPERTY APPRAISER PARCEL NUMBER:

01-5S-16-03406-111

### Remarks:

LOT 11 ROSE CREEK PLANTATION S/D PHASE 1

Address Issued By:



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.**

1531



**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

## Florida Department of Community Affairs Residential Performance Method A

Project Name: 905127DisoswayResPh1  
 Street:  
 City, State, Zip: Lake City, FL, 32024-  
 Owner: David & Sarah Disosway  
 Design Location: FL, Gainesville

Builder Name: Wind Anchor  
 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?	No	
6. Conditioned floor area (ft <sup>2</sup> )	2571	
7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.35	300.75 ft <sup>2</sup>
	SHGC:	SHGC=0.35
b. U-Factor:	N/A	ft <sup>2</sup>
	SHGC:	
c. U-Factor:	N/A	ft <sup>2</sup>
	SHGC:	
d. U-Factor:	N/A	ft <sup>2</sup>
	SHGC:	
e. U-Factor:	N/A	ft <sup>2</sup>
	SHGC:	
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1416.00 ft <sup>2</sup>
b. Floor over Garage	R=13.0	526.00 ft <sup>2</sup>
c. other	R=	50.00 ft <sup>2</sup>

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=19.0	1315.30 ft <sup>2</sup>
b. Face Brick - Wood, Exterior	R=19.0	848.08 ft <sup>2</sup>
c. Frame - Wood, Adjacent	R=19.0	525.00 ft <sup>2</sup>
d. N/A	R=	ft <sup>2</sup>
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1978.00 ft <sup>2</sup>
b. Knee Wall (Vented)	R=30.0	606.00 ft <sup>2</sup>
c. other	R=	260.00 ft <sup>2</sup>
11. Ducts		
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 560 ft <sup>2</sup>		
12. Cooling systems(combined)		
a. Central Unit	Cap: 39.2 kBtu/hr	SEER: 13
13. Heating systems(combined)		
a. Electric Heat Pump	Cap: 37.7 kBtu/hr	HSPF: 7.7
14. Hot water systems		
a. Electric	Cap: 80 gallons	EF: 0.93
b. Conservation features		
Heat Recovery Unit		
15. Credits	None	

Glass/Floor Area: 0.117

Total As-Built Modified Loads: 42.33

Total Baseline Loads: 56.31

**PASS**

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY:

DATE: 10/1/09 ERIN BEAMSLY

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:

**PROJECT**

Title:	905127DisoswayResPh1	Bedrooms:	3	Adress Type:	Lot Information
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	11
Owner:	David & Sarah Disosway	Conditioned Area:	2571	SubDivision:	Rose Creek Plan
# of Units:	1	Total Stories:	2	PlatBook:	
Builder Name:	Wind Anchor	Worst Case:	No	Street:	
Permit Office:		Rotate Angle:	0	County:	Columbia
Jurisdiction:		Cross Ventilation:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family	Whole House Fan:	No		FL , 32024-
New/Existing:	New (From Plans)				
Comment:					

**CLIMATE**

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	2.5 %	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

**FLOORS**

✓	#	Floor Type	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	180 ft	0	1416 ft²		0.7	0.3	0
_____	2	Floor over Garage			526 ft²	13	0.2	0	0.8
_____	3	Raised Floor			50 ft²	13	0	0	1

**ROOF**

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	3318 ft²	0 ft²	Dark	0.96	No	0	53.1 deg

**ATTIC**

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Partial cathedral cei	Vented	303	1992 ft²	N	N

**CEILING**

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	246 ft²	0.11	Wood
_____	2	Under Attic (Vented)	30	561 ft²	0.11	Wood
_____	3	Under Attic (Vented)	30	947 ft²	0.11	Wood
_____	4	Cathedral/Single Assembly (Vented)	30	260 ft²	0.11	Wood
_____	5	Knee Wall (Vented)	30	606 ft²	0.11	Wood
_____	6	Under Attic (Vented)	30	94 ft²	0.11	Wood
_____	7	Under Attic (Vented)	30	130 ft²	0.11	Wood

## WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Face Brick - Wood	19	70 ft²	0	0.23	0.75
_____	2	W	Exterior	Face Brick - Wood	19	88.33 ft²	0	0.23	0.75
_____	3	N	Exterior	Face Brick - Wood	19	81.67 ft²	0	0.23	0.75
_____	4	E	Exterior	Face Brick - Wood	19	26.67 ft²	0	0.23	0.75
_____	5	N	Exterior	Face Brick - Wood	19	70 ft²	0	0.23	0.75
_____	6	E	Exterior	Frame - Wood	19	400 ft²	0	0.23	0.75
_____	7	SE	Exterior	Frame - Wood	19	110 ft²	0	0.23	0.75
_____	8	SE	Exterior	Face Brick - Wood	19	202.5 ft²	0	0.23	0.75
_____	9	SW	Exterior	Face Brick - Wood	19	86.13 ft²	0	0.23	0.75
_____	10	SW	Garage	Frame - Wood	19	105 ft²	0	0.23	0.01
_____	11	SW	Exterior	Face Brick - Wood	19	86.13 ft²	0	0	0.75
_____	12	W	Exterior	Face Brick - Wood	19	136.67 ft²	0	0.23	0.75
_____	13	??	Garage	Frame - Wood	19	420 ft²		0.23	0.01
_____	14	N	Exterior	Frame - Wood	19	177.39 ft²	0	0.23	0.75
_____	15	E	Exterior	Frame - Wood	19	297.94 ft²	0	0.23	0.75
_____	16	SE	Exterior	Frame - Wood	19	113.67 ft²	0	0.23	0.75
_____	17	W	Exterior	Frame - Wood	19	20 ft²	0	0.23	0.75
_____	18	S	Exterior	Frame - Wood	19	196.33 ft²	0	0.23	0.75

## DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	N	Wood	None	0.46	24 ft²
_____	2	E	Insulated	None	0.4	10 ft²
_____	3	N	Insulated	None	0.4	21.27 ft²
_____	4	??	Insulated	None	0.4	24 ft²
_____	5	??	Insulated	None	0.4	40 ft²

## WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
_____	1	N	Metal	Double (Clear)	Yes	0.35	0.35	N	8 ft²	0 ft 12 in	0 ft 38 in	HERS 2006	None
_____	2	N	Metal	Double (Clear)	Yes	0.35	0.35	N	6.25 ft²	0 ft 12 in	0 ft 15 in	HERS 2006	None
_____	3	SE	Metal	Double (Clear)	Yes	0.35	0.35	N	45 ft²	0 ft 12 in	0 ft 138 in	HERS 2006	None
_____	4	SE	Metal	Double (Clear)	Yes	0.35	0.35	N	60 ft²	0 ft 12 in	0 ft 15 in	HERS 2006	None
_____	5	SW	Metal	Double (Clear)	Yes	0.35	0.35	N	14 ft²	0 ft 228 in	0 ft 10 in	HERS 2006	None
_____	6	N	Metal	Double (Clear)	Yes	0.35	0.35	N	35 ft²	0 ft 12 in	0 ft 22 in	HERS 2006	None
_____	7	SE	Metal	Double (Clear)	Yes	0.35	0.35	N	37.5 ft²	0 ft 12 in	0 ft 15 in	HERS 2006	None
_____	8	S	Metal	Double (Clear)	Yes	0.35	0.35	N	35 ft²	0 ft 12 in	0 ft 22 in	HERS 2006	None
_____	9	E	Metal	Double (Clear)	Yes	0.35	0.35	N	60 ft²	0 ft 18 in	0 ft 186 in	HERS 2006	None



## INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ----		Run Time	Fan
							Supply CFM	Exhaust CFM	Fraction	Watts
_____	Default	0.00036	2428	5.90	133.3	250.7	0 cfm	0 cfm	0	0

## GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	669.75 ft²	144 ft²	72 ft	10 ft	(invalid)

## COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
_____	1	Central Unit	None	SEER: 13	18 kBtu/hr	cfm	0.75	
_____	2	Central Unit	None	SEER: 13	18 kBtu/hr	cfm	0.75	

## HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
_____	1	Electric Heat Pump	None	HSPF: 7.7	18 kBtu/hr	
_____	2	Electric Heat Pump	None	HSPF: 7.7	18 kBtu/hr	

## HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.93	80 gal	60 gal	120 deg	Heat Recovery Unit

## SOLAR HOT WATER SYSTEM

✓	FSEC	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	Cert #						
_____	None	None			ft²		

## DUCTS

✓	#	---- Supply ----			---- Return ----		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
		Location	R-Value	Area	Location	Area						
_____	1	Attic	6	560 ft²	Attic	180 ft²	Default Leakage	Interior				

## TEMPERATURES

Programable Thermostat: N

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

Hours

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

## Code Compliance Checklist

### Residential Whole Building Performance Method A - Details

ADDRESS:

Lake City, FL, 32024-

PERMIT #:

**INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

**OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)**

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	



# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX\* = 75

The lower the EnergyPerformance Index, the more efficient the home.

, Lake City, FL, 32024-

1. New construction or existing	New (From Plans)	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Frame - Wood, Exterior	R=19.0	1315.30 ft <sup>2</sup>
3. Number of units, if multiple family	1	b. Face Brick - Wood, Exterior	R=19.0	848.08 ft <sup>2</sup>
4. Number of Bedrooms	3	c. Frame - Wood, Adjacent	R=19.0	525.00 ft <sup>2</sup>
5. Is this a worst case?	No	d. N/A	R=	ft <sup>2</sup>
6. Conditioned floor area (ft <sup>2</sup> )	2571	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	1978.00 ft <sup>2</sup>
a. U-Factor:	Dbl, U=0.35	b. Knee Wall (Vented)	R=30.0	606.00 ft <sup>2</sup>
SHGC:	SHGC=0.35	c. other	R=	260.00 ft <sup>2</sup>
b. U-Factor:	N/A	11. Ducts		
SHGC:		a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 560 ft <sup>2</sup>		
c. U-Factor:	N/A	12. Cooling systems (combined)		
SHGC:		a. Central Unit	Cap: 39.2 kBtu/hr	SEER: 13
d. U-Factor:	N/A	13. Heating systems (combined)		
SHGC:		a. Electric Heat Pump	Cap: 37.7 kBtu/hr	HSPF: 7.7
e. U-Factor:	N/A	14. Hot water systems		
SHGC:		a. Electric	Cap: 80 gallons	EF: 0.93
8. Floor Types	Insulation	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=0.0	Heat Recovery Unit		
b. Floor over Garage	R=13.0	15. Credits		None
c. other	R=			

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Address of New Home: \_\_\_\_\_ City/FL Zip: \_\_\_\_\_



\*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at [energygauge.com](http://energygauge.com) for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the Department of Community Affairs at (850) 487-1824.

\*\*Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

## SUBCONTRACTOR VERIFICATION FORM

 APPLICATION NUMBER 0910-05 CONTRACTOR WIND ANCHOR INC PHONE 7545419

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

**Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.**

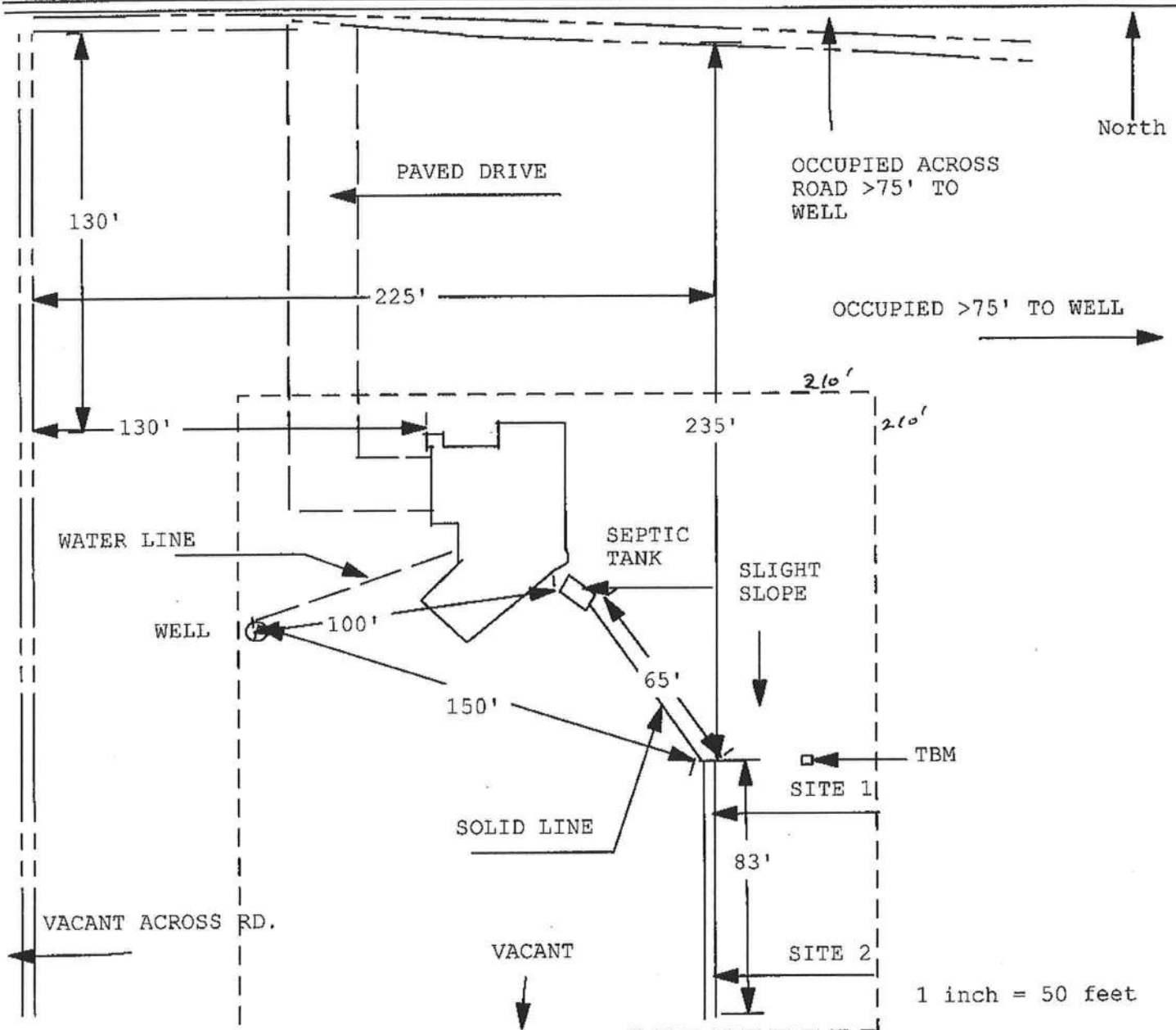
<b>ELECTRICAL</b>	Print Name <u>Matthews Electric INC</u> Signature <u>[Signature]</u> License #: <u>ER-0014352</u> Phone #: <u>386-344-2029</u>
<b>MECHANICAL/ A/C</b>	Print Name <u>Chris Williams</u> Signature <u>[Signature]</u> License #: <u>CAC057795</u> Phone #: <u>386 752-5841</u>
<b>PLUMBING/ GAS</b>	Print Name <u>Mark Ganshop</u> Signature <u>[Signature]</u> License #: <u>CFC1428040</u> Phone #: <u>386 8670269</u>
<b>ROOFING</b>	Print Name <u>Darrell Turner</u> Signature <u>[Signature]</u> License #: <u>CCC 1328465</u> Phone #: <u>386-755-0088</u>
<b>SHEET METAL</b>	Print Name _____ Signature _____ License #: _____ Phone #: _____
<b>FIRE SYSTEM/ SPRINKLER</b>	Print Name _____ Signature _____ License #: _____ Phone #: _____
<b>SOLAR</b>	Print Name _____ Signature _____ License #: _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER	<u>000048</u>	<u>BEN LOFSTROM</u>	<u>[Signature]</u>
FRAMING	<u>000102</u>	<u>Timothy J Petersen</u>	<u>[Signature]</u>
INSULATION		<u>[Signature]</u>	<u>[Signature]</u>
STUCCO			
DRYWALL		<u>[Signature]</u>	<u>[Signature]</u>
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING	<u>CBC059077</u>	<u>Ben Martin</u>	<u>[Signature]</u>
GARAGE DOOR			
ALL OTHER TRADES INCLUDING DRYWALL & INSULATION	<u>CBC1257252</u>	<u>WIND ANCHOR INC</u>	<u>[Signature]</u>

**F. S. 440.103 Building permits; identification of minimum premium policy.**--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan  
Permit Application Number: 09-8495

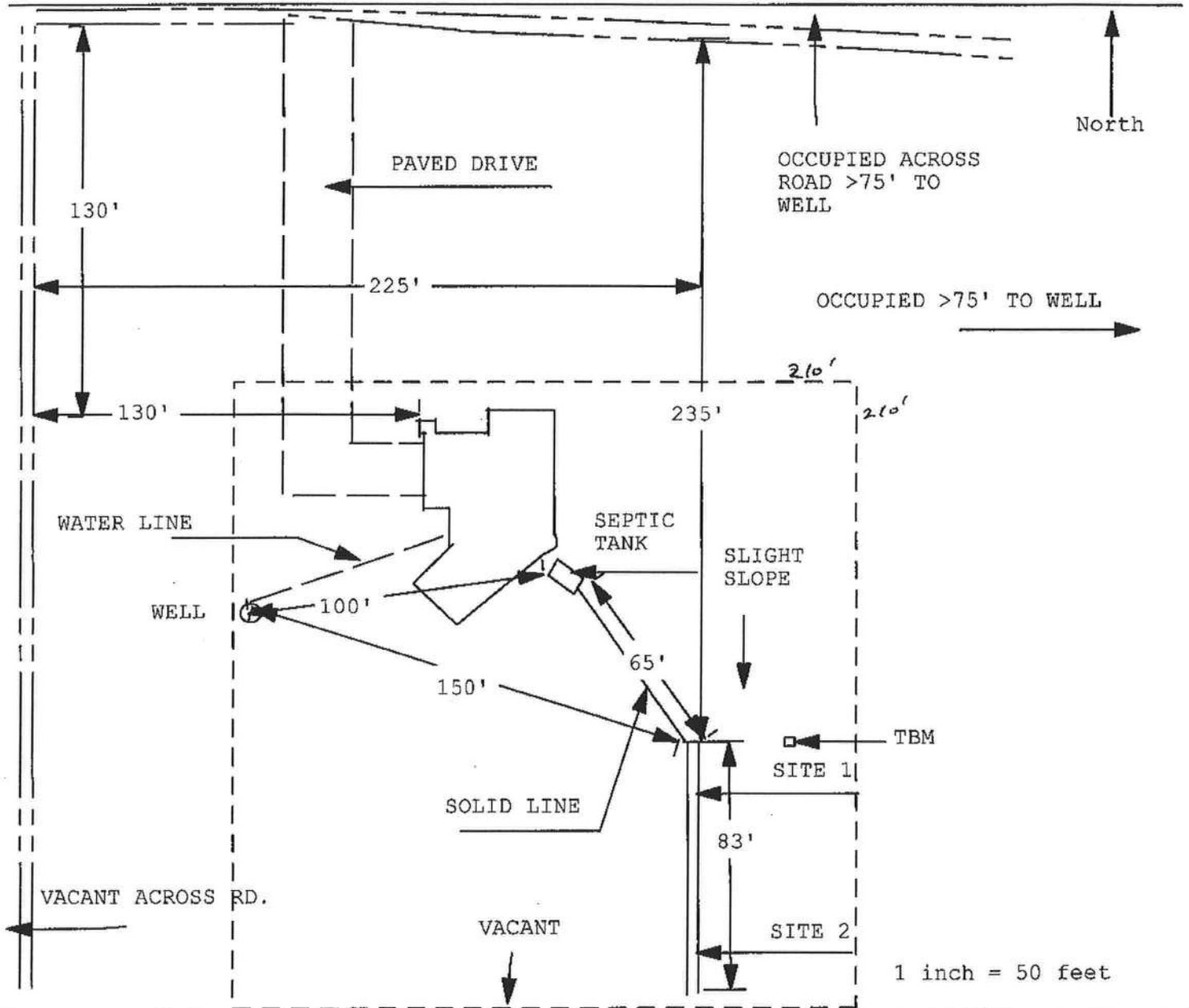
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul R. Boyd Date 09/28/09  
Plan Approved X Not Approved      Date 10-7-09  
By Sallie Ford EN Director CPHU  
Notes: Columbia

Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan  
Permit Application Number: 09-0495

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul R. Rapp Date 09/28/09  
Plan Approved X Not Approved      Date 10-2-09

By Sallie Ford EN Director CPHU

Notes: Columbia



**Mark Disosway, P.E.**  
POB 868, Lake City, FL 32056, Ph 386-754-5419, Fax 386-269-4871

02 October 2009

Building and Zoning, Columbia County, Florida

Re: Site Evaluation, David and Sarah Disosway Residence, 116 SW Stoneridge Dr., Lake City, FL 32024,  
Tax ID: 01-5S-16-03406-111, Columbia County, FL

Dear Building Inspector:

The elevation of the finished floor, approx 12" above natural grade at the NW corner of the house, 30" above natural grade at the SE corner of the house, as staked by builder, is less than one foot above the elevation of the county road, SW Stoneridge Dr. at a point immediately in front of the house.

Based on topo maps, FEMA Flood Insurance Rate Map, and visual inspection the proposed finished floor elevation is at an adequate elevation to avoid flooding.

Flood Zone of Home Site: Zone X; Based on the FEMA rate map, attached.

Home Site Natural Grade, Elevation: about 90 - 95 ft; Based on topo map, attached.

Zone AE flood zone: A large area of flood zone AE in Rose Creek to the south of the home site is at 59' elevation based on the FEMA map.

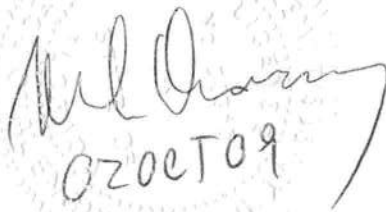
Proposed Finished Floor Elevation: 12" above existing grade at the NW corner.

Observations: This house is higher, about 30 - 35 ft, than nearby Zone AE to the south. There is a continuous downward path to the Zone AE and from there down the creek to Rose Sink.

The finished floor elevation must be minimum 6" above finished grade per FBC2007. The finished grade should slope down from that elevation for another 6" within 12 feet away from the house in all directions so that all runoff drains away from the house. The owner must maintain the swales, slopes, and ditch to provide free drainage to the creek and prevent any possibility of storm water backing up into the house.

The owner should be aware that if free drainage is not maintained thru fields and across roads and thru culverts to the river, or if future development in the area causes increased storm water run off, or if rainfall occurs with greater flooding effect than the design storm, the level of the nearby Zone A could rise higher than anticipated and his house would be more susceptible to flooding.

Sincerely,



Mark Disosway, PE

#### R403.1 General.

All exterior walls shall be supported on continuous solid or fully grouted masonry or concrete footings, wood foundations, or other approved structural systems which shall be of sufficient design to accommodate all loads according to Section R301 and to transmit the resulting loads to the soil within the limitations as determined from the character of the soil. Footings shall be supported on undisturbed natural soils or engineered fill.

##### R403.1.1 Minimum size.

Minimum sizes for concrete and masonry footings shall be as set forth in Table R403.1 and Figure R403.1(1). The footing width,  $W$ , shall be based on the load-bearing value of the soil in accordance with Table R401.4.1. Spread footings shall be at least 6 inches (152 mm) in thickness. Footing projections,  $P$ , shall be at least 2 inches (51 mm) and shall not exceed the thickness of the footing. The size of footings supporting piers and columns shall be based on the tributary load and allowable soil pressure in accordance with Table R401.4.1. Footings for wood foundations shall be in accordance with the details set forth in Section R403.2, and Figures R403.1(2) and R403.1(3).

##### R403.1.4 Minimum depth.

All exterior footings shall be placed at least 12 inches (305 mm) below the undisturbed ground surface.

##### R403.1.5 Slope.

The top surface of footings shall be level. The bottom surface of footings shall not have a slope exceeding one unit vertical in 10 units horizontal (10-percent slope). Footings shall be stepped where it is necessary to change the elevation of the top surface of the footings or where the slope of the bottom surface of the footings will exceed one unit vertical in ten units horizontal (10-percent slope).

##### R403.1.6 Foundation anchorage.

When braced wall panels are supported directly on continuous foundations, the wall wood sill plate or cold-formed steel bottom track shall be anchored to the foundation in accordance with this section.

The wood sole plate at exterior walls on monolithic slabs and wood sill plate shall be anchored to the foundation with anchor bolts spaced a maximum of 6 feet (1829 mm) on center. There shall be a minimum of two bolts per plate section with one bolt located not more than 12 inches (305 mm) or less than seven bolt diameters from each end of the plate section. Bolts shall be at least  $\frac{1}{2}$  inch (12.7 mm) in diameter and shall extend a minimum of 7 inches (178 mm) into masonry or concrete. Interior bearing wall sole plates on monolithic slab foundations shall be positively anchored with approved fasteners. A nut and washer shall be tightened on each bolt to the plate. Sills and sole plates shall be protected against decay and termites where required by Sections R319 and R320. Cold-formed steel framing systems shall be fastened to the wood sill plates or anchored directly to the foundation as required in Section R505.3.1 or R603.1.1.

Exception: Foundation anchor straps, spaced as required to provide equivalent anchorage to  $\frac{1}{2}$ -inch-diameter (12.7 mm) anchor bolts.

##### R403.1.6.1 Reserved.

##### R403.1.7 Footings on or adjacent to slopes.

The placement of buildings and structures on or adjacent to slopes steeper than 1 unit vertical in 3 units horizontal (33.3-percent slope) shall conform to Sections R403.1.7.1 through R403.1.7.4.

###### R403.1.7.1 Building clearances from ascending slopes.

In general, buildings below slopes shall be set a sufficient distance from the slope to provide protection from slope drainage, erosion and shallow failures. Except as provided in Section R403.1.7.4 and Figure R403.1.7.1, the following criteria will be assumed to provide this protection. Where the existing slope is steeper than one unit vertical in one unit horizontal (100-percent slope), the toe of the slope shall be assumed to be at the intersection of a horizontal plane drawn from the top of the foundation and a plane drawn tangent to the slope at an angle of 45 degrees (0.79 rad) to the horizontal. Where a retaining wall is constructed at the toe of the slope, the height of the slope shall be measured from the top of the wall to the top of the slope.

###### R403.1.7.2 Footing setback from descending slope surfaces.

Footings on or adjacent to slope surfaces shall be founded in material with an embedment and setback from the slope surface sufficient to provide vertical and lateral support for the footing without detrimental settlement. Except as provided for in Section R403.1.7.4 and Figure R403.1.7.1, the following setback is deemed adequate to meet the criteria. Where the slope is steeper than one unit vertical in one unit horizontal (100-percent slope), the required setback shall be measured from an imaginary plane 45 degrees (0.79 rad) to the horizontal, projected upward from the toe of the slope.

###### R403.1.7.3 Foundation elevation.

On graded sites, the top of any exterior foundation shall extend above the elevation of the street gutter at point of discharge or the inlet of an approved drainage device a minimum of 12 inches (305 mm) plus 2 percent. Alternate elevations are permitted subject to the approval of the building official, provided it can be demonstrated that required drainage to the point of discharge and away from the structure is provided at all locations on the site.

###### R403.1.7.4 Alternate setback and clearances.

Alternate setbacks and clearances are permitted, subject to the approval of the building official. The building official is permitted to require an investigation and recommendation of a qualified engineer to demonstrate that the intent of this section has been satisfied. Such an investigation shall include consideration of material, height of slope, slope gradient, load intensity and erosion characteristics of slope material.

##### R403.1.8 Foundations on expansive soils.

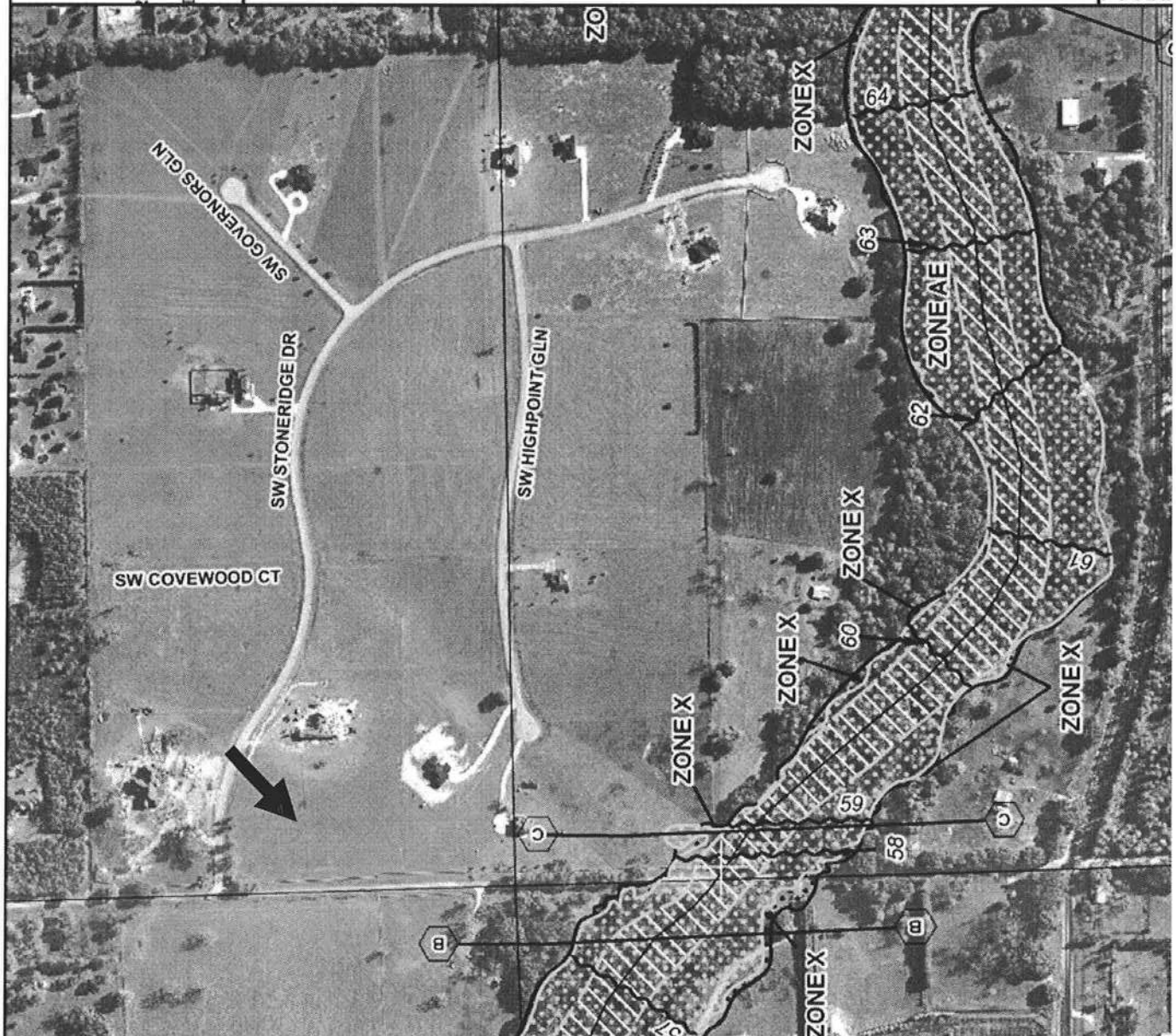
Foundation and floor slabs for buildings located on expansive soils shall be designed in accordance with Section 1805.8 of the Florida Building Code, Building.

Exception: Slab-on-ground and other foundation systems which have performed adequately in soil conditions similar to those encountered at the building site are permitted subject to the approval of the building official.

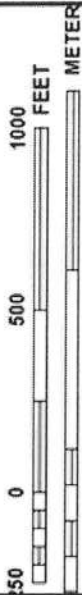
###### R403.1.8.1 Expansive soils classifications.

Soils meeting all four of the following provisions shall be considered expansive, except that tests to show compliance with Items 1, 2 and 3 shall not be required if the test prescribed in Item 4 is conducted:

1. Plasticity Index (PI) of 15 or greater, determined in accordance with ASTM D 4318.
2. More than 10 percent of the soil particles pass a No. 200 sieve (75 mm), determined in accordance with ASTM D 422.
3. More than 10 percent of the soil particles are less than 5 micrometers in size, determined in accordance with ASTM D 422.
4. Expansion Index greater than 20, determined in accordance with ASTM D 4829.



MAP SCALE 1" = 500'



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0383C

**FIRM**

FLOOD INSURANCE RATE MAP  
COLUMBIA COUNTY,  
FLORIDA  
AND INCORPORATED AREAS

PANEL 383 OF 552

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	COLUMBIA COUNTY
NUMBER	12070
PANEL	0383
SUFFIX	C

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number should be used on insurance applications for the subject community.



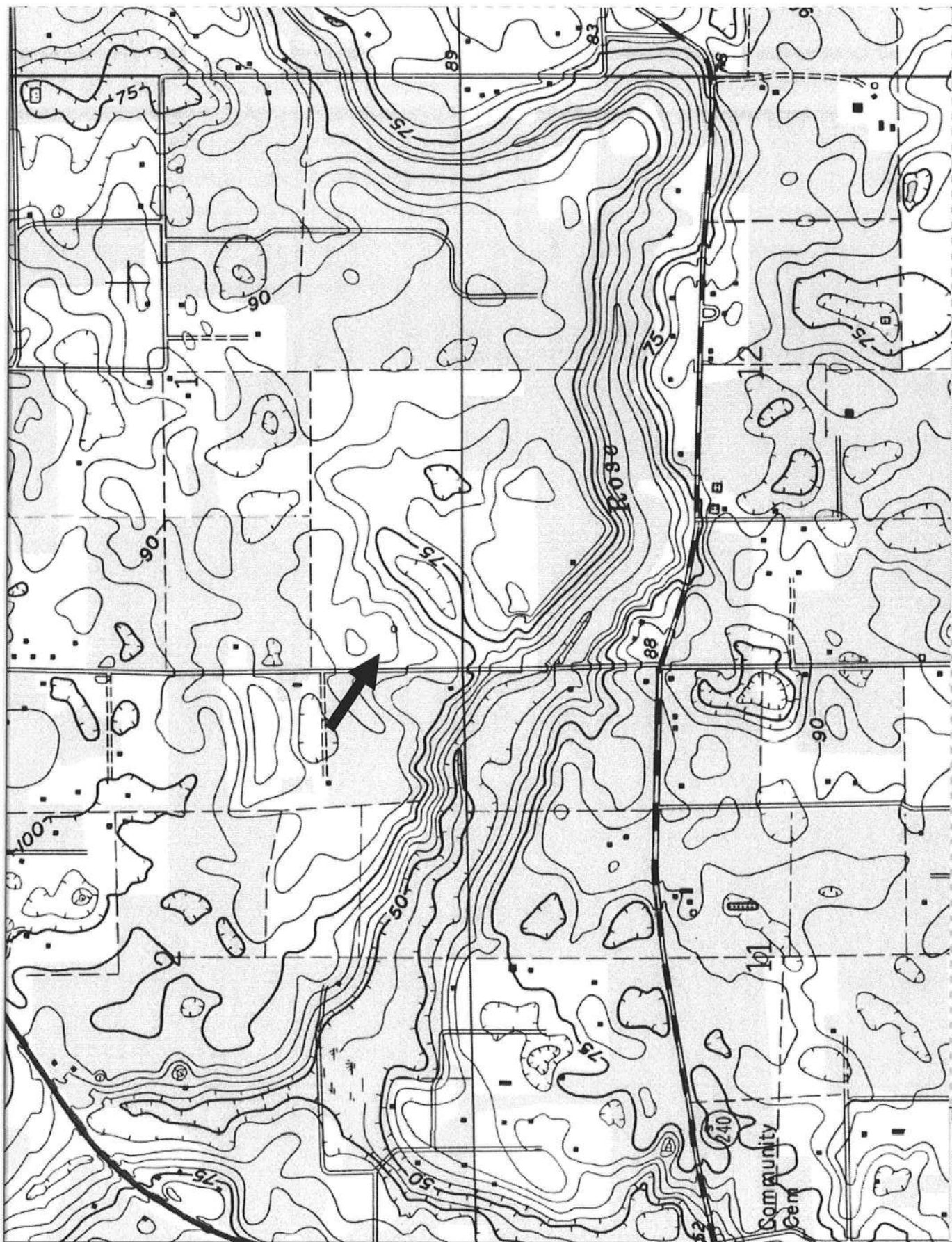
MAP NUMBER  
12023C0383C

EFFECTIVE DATE  
FEBRUARY 4, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.mec.fema.gov](http://www.mec.fema.gov)









As required by Florida Statute 553.842 and Florida Administrative Code 9B72, please provide the information and approval numbers on the building components listed below, if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Information regarding State Product Approval may be obtained at [www.floridabuilding.org](http://www.floridabuilding.org)

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 approved, 3) the performance characteristics which the product was tested and certified to comply with, 4) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

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CONTRACTOR/AGENT/APPLICANT SIGNATURE DATE



**COLUMBIA COUNTY BUILDING DEPARTMENT  
RESIDENTIAL CHECK LIST REQUIREMENTS**

6-25-09

**MINIMUM PLAN REQUIREMENTS FOR THE  
FLORIDA BUILDING CODE RESIDENTIAL 2007 EFFECTIVE 1 MARCH 2009 & 2009  
SUPPLEMENTS EFFECTIVE 1 MARCH 2009, ONE (1) AND TWO (2) FAMILY DWELLINGS  
with Supplements and Revision, OF THE NATIONAL ELECTRICAL 2008**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007  
FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009  
SUPPLEMENTS EFFECTIVE 1 MARCH 2009. ALL PLANS OR DRAWINGS SHALL  
PROVIDE 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 SPEEDS ARE PER  
FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind  
speed map) SHALL BE USED.**

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

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

**GENERAL REQUIREMENTS:  
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

Items to Include-  
Each Box shall be  
Circled as  
Applicable

			Yes	No	N/A
1	Two (2) complete sets of plans containing the following:		<input checked="" type="checkbox"/>		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		<input checked="" type="checkbox"/>		
3	Condition space (Sq. Ft.)	2571	TTTTTT	TTTTTT	TTTT
	Total (Sq. Ft.) under roof				
	3662				

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

**Site Plan information including:**

4	Dimensions of lot or parcel of land	<input checked="" type="checkbox"/>		
5	Dimensions of all building set backs	<input checked="" type="checkbox"/>		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.			<input checked="" type="checkbox"/>
7	Provide a full legal description of property.	<input checked="" type="checkbox"/>		

## Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIII	IIII	IIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	0		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	0		
11	Wind importance factor and nature of occupancy	0		
12	The applicable internal pressure coefficient, Components and Cladding	0		
13	The design wind pressure in terms of psf (kN/m <sup>2</sup> ), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	0		

## Elevations Drawing including:

14	All side views of the structure	0		
15	Roof pitch	0		
16	Overhang dimensions and detail with attic ventilation	0		
17	Location, size and height above roof of chimneys	0		
18	Location and size of skylights with Florida Product Approval			0
18	Number of stories	0		
20A	Building height from the established grade to the roofs highest peak	0		

## Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	0		
21	Raised floor surfaces located more than 30 inches above the floor or grade			0
22	All exterior and interior shear walls indicated	0		
23	Shear wall opening shown (Windows, Doors and Garage doors)	0		
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBCR 613.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	0		
25	Safety glazing of glass where needed	0		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	0		
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	0		
28	Identify accessibility of bathroom (see FBCR SECTION 322)	0		

**All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)**

<p align="center"><b>GENERAL REQUIREMENTS:</b> <b>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b></p>	<p align="center">Items to Include- Each Box shall be Circled as Applicable</p>
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**FBCR 403: Foundation Plans**

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	0		
30	All posts and/or column footing including size and reinforcing	0		
31	Any special support required by soil analysis such as piling.			0
32	Assumed load-bearing value of soil 1000 Pound Per Square Foot	0		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	0		

**FBCR 506: CONCRETE SLAB ON GRADE**

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	0		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	0		

**FBCR 320: PROTECTION AGAINST TERMITES**

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Sub mit other approved termite protection methods. Protection shall be provided by registered termiticides	0		
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**FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)**

37	Show all materials making up walls, wall height, and Block size, mortar type	0		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			0

**Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect**

**Floor Framing System: First and/or second story**

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	0		
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			0
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers	0		
42	Attachment of joist to girder	0		
43	Wind load requirements where applicable	0		
44	Show required under-floor crawl space			0

45	Show required amount of ventilation opening for under-floor spaces			<input checked="" type="checkbox"/>
46	Show required covering of ventilation opening			<input checked="" type="checkbox"/>
47	Show the required access opening to access to under-floor spaces			<input checked="" type="checkbox"/>
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interior of the areas structural panel sheathing			<input checked="" type="checkbox"/>
49	Show Draftstopping, Fire caulking and Fire blocking	<input checked="" type="checkbox"/>		
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309	<input checked="" type="checkbox"/>		
51	Provide live and dead load rating of floor framing systems (psf).	<input checked="" type="checkbox"/>		

## **FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION**

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	<input checked="" type="checkbox"/>		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	<input checked="" type="checkbox"/>		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	<input checked="" type="checkbox"/>		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	<input checked="" type="checkbox"/>		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	<input checked="" type="checkbox"/>		
57	Indicate where pressure treated wood will be placed	<input checked="" type="checkbox"/>		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	<input checked="" type="checkbox"/>		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	<input checked="" type="checkbox"/>		

## **FBCR :ROOF SYSTEMS:**

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	<input checked="" type="checkbox"/>		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	<input checked="" type="checkbox"/>		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	<input checked="" type="checkbox"/>		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	<input checked="" type="checkbox"/>		
64	Provide dead load rating of trusses	<input checked="" type="checkbox"/>		

## **FBCR 802:Conventional Roof Framing Layout**

65	Rafter and ridge beams sizes, span, species and spacing	<input checked="" type="checkbox"/>		
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating	<input checked="" type="checkbox"/>		
67	Valley framing and support details	<input checked="" type="checkbox"/>		
68	Provide dead load rating of rafter system	<input checked="" type="checkbox"/>		



### FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	<input checked="" type="checkbox"/>		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	<input checked="" type="checkbox"/>		

### FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	<input checked="" type="checkbox"/>		
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	<input checked="" type="checkbox"/>		

### FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	<input checked="" type="checkbox"/>		
74	Attic space	<input checked="" type="checkbox"/>		
75	Exterior wall cavity	<input checked="" type="checkbox"/>		
76	Crawl space			<input checked="" type="checkbox"/>

### HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	<input checked="" type="checkbox"/>		
78	Exhaust fans shown in bathrooms <b>Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required</b>	<input checked="" type="checkbox"/>		
79	Show clothes dryer route and total run of exhaust duct			

### Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan			
81	Show the location of water heater	<input checked="" type="checkbox"/>		

### Private Potable Water

82	Pump motor horse power	<input checked="" type="checkbox"/>		
83	Reservoir pressure tank gallon capacity	<input checked="" type="checkbox"/>		
84	Rating of cycle stop valve if used	<input checked="" type="checkbox"/>		

**Electrical layout shown including**

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	<input checked="" type="checkbox"/>		
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by <b>Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A</b>	<input checked="" type="checkbox"/>		
87	Show the location of smoke detectors & Carbon monoxide detectors	<input checked="" type="checkbox"/>		
88	Show service panel, sub-panel, location(s) and total ampere ratings	<input checked="" type="checkbox"/>		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.  <b>For structures</b> with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3			
90	Appliances and HVAC equipment and disconnects	<input checked="" type="checkbox"/>		
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed <b>Combination arc-fault circuit interrupter</b> , Protection device.	<input checked="" type="checkbox"/>		

**Disclosure Statement for Owner Builders** *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

**Notice Of Commencement**

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

<p align="center"><b>GENERAL REQUIREMENTS:</b> APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</p>	<p align="center">Items to Include- Each Box shall be Circled as Applicable</p>
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**THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS**

		YES	NO	N/A
92	<b>Building Permit Application</b> A current Building Permit Application form is to be completed and submitted for all residential projects	<input checked="" type="checkbox"/>		
93	<b>Parcel Number</b> The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	<input checked="" type="checkbox"/>		
94	<b>Environmental Health Permit or Sewer Tap Approval</b> A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	<b>City of Lake City</b> A permit showing an approved waste water sewer tap			
96	<b>Toilet facilities shall be provided for all construction sites</b>			
97	<b>Town of Fort White</b> (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			

98	<b>Flood Information:</b> All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a 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 8.5.2 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 8.5.3 of the Columbia County Land Development Regulations			
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			
100	A development permit will also be required. Development permit cost is <b>\$50.00</b>			
101	<b>Driveway Connection:</b> If the property does not have an existing access to a public road, then an application for a culvert permit ( <b>\$25.00</b> ) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ( <b>\$50.00</b> ). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			
102	<b>911 Address:</b> If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and <b>received</b> through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	0		

#### **Section R101.2.1 of the Florida Building Code Residential:**

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

#### **Section 105 of the Florida Building Code defines the:**

##### **Time limitation of application.**

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless 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.

##### **Single-family residential dwelling.**

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

##### **Permit intent.**

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

**If work has commenced.**

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

**New Permit.**

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

**Work Shall Be:**

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

**The Fee:**

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

**When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department**



# Residential System Sizing Calculation

## Summary

David & Sarah Disosway

Project Title:  
905127DisoswayResPh1\_MANJ

Class 3 Rating  
Registration No. 0  
Climate: North

Lake City, FL 32024-

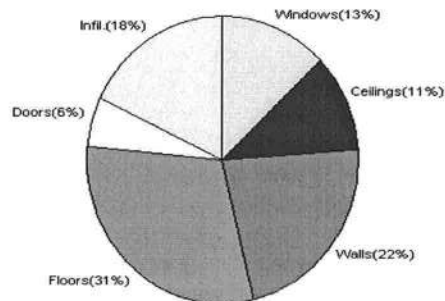
10/1/2009

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
<b>Total heating load calculation</b>	<b>30312</b>	<b>Btuh</b>	<b>Total cooling load calculation</b>	<b>30700</b>	<b>Btuh</b>
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.8	36000	Sensible (SHR = 0.75)	104.2	27000
Heat Pump + Auxiliary(0.0kW)	118.8	36000	Latent	187.8	9000
			Total (Electric Heat Pump)	117.3	36000

## WINTER CALCULATIONS

Winter Heating Load (for 2571 sqft)

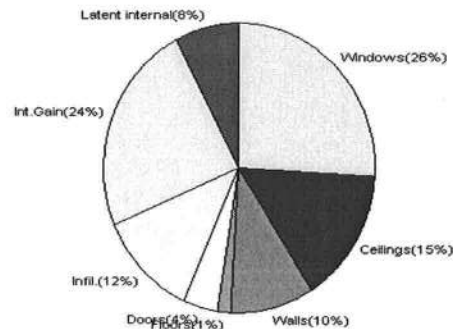
Load component		Load
Window total	301 sqft	3895 Btuh
Wall total	2366 sqft	6765 Btuh
Door total	119 sqft	1714 Btuh
Ceiling total	2844 sqft	3356 Btuh
Floor total	See detail report	9277 Btuh
Infiltration	131 cfm	5305 Btuh
Duct loss		0 Btuh
<b>Subtotal</b>		<b>30312 Btuh</b>
Ventilation	0 cfm	0 Btuh
<b>TOTAL HEAT LOSS</b>		<b>30312 Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 2571 sqft)

Load component		Load
Window total	301 sqft	7976 Btuh
Wall total	2366 sqft	3139 Btuh
Door total	119 sqft	1297 Btuh
Ceiling total	2844 sqft	4506 Btuh
Floor total		460 Btuh
Infiltration	65 cfm	1219 Btuh
Internal gain		7310 Btuh
Duct gain		0 Btuh
Sens. Ventilation	0 cfm	0 Btuh
<b>Total sensible gain</b>		<b>25907 Btuh</b>
Latent gain(ducts)		0 Btuh
Latent gain(infiltration)		2393 Btuh
Latent gain(ventilation)		0 Btuh
Latent gain(internal/occupants/other)		2400 Btuh
<b>Total latent gain</b>		<b>4793 Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>30700 Btuh</b>



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE: 10/1/09

# System Sizing Calculations - Winter

## Residential Load - Whole House Component Details

David & Sarah Disosway

Project Title:

905127DisoswayResPh1\_MANJ

Class 3 Rating

Registration No. 0

Climate: North

Lake City, FL 32024-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

10/1/2009

### WHOLE HOUSE TOTALS

	Subtotal Sensible	30312 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	30312 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types )



For Florida residences only

# System Sizing Calculations - Winter

## Residential Load - Room by Room Component Details

David & Sarah Disosway

Project Title:

Class 3 Rating

905127DisoswayResPh1\_MANJ

Registration No. 0

Lake City, FL 32024-

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

10/1/2009

### Component Loads for Zone #2: 2nd Floor

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, SHGC=0.35, Metal, 0.35	N	35.0	12.9	453 Btuh
2	2, SHGC=0.35, Metal, 0.35	SE	37.5	12.9	486 Btuh
3	2, SHGC=0.35, Metal, 0.35	S	35.0	12.9	453 Btuh
4	2, SHGC=0.35, Metal, 0.35	E	60.0	12.9	777 Btuh
Window Total			168(sqft)		2169 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.08)	19.0	728	2.9	2081 Btuh
Wall Total			728		2081 Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	130	1.2	153 Btuh
2	Vented Attic/D/Shin)	30.0	606	1.2	714 Btuh
3	Single Assembly/D/Shin)	30.0	260	1.2	311 Btuh
4	Vented Attic/D/Shin)	30.0	947	1.2	1116 Btuh
Ceiling Total			1943		2294 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Raised Wood - Open	13	50.0 sqft	2.5	123 Btuh
2	Raised Wood - Adj	13	526.0 sqft	2.5	1295 Btuh
Floor Total			576		1418 Btuh
Zone Envelope Subtotal:					7963 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	Load
	Natural	0.32	10395	131.0	1632 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #2	Sensible Zone Subtotal				9596 Btuh

### Component Loads for Zone #1: 1st Floor

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
3	2, SHGC=0.35, Metal, 0.35	N	8.0	12.9	104 Btuh
4	2, SHGC=0.35, Metal, 0.35	N	6.3	12.9	82 Btuh
5	2, SHGC=0.35, Metal, 0.35	SE	45.0	12.9	583 Btuh
6	2, SHGC=0.35, Metal, 0.35	SE	60.0	12.9	777 Btuh
7	2, SHGC=0.35, Metal, 0.35	SW	14.0	12.9	181 Btuh
Window Total			133(sqft)		1726 Btuh

# Manual J Winter Calculations

## Residential Load - Component Details (continued)

David & Sarah Disosway

Project Title:  
905127DisoswayResPh1\_MANJ

Class 3 Rating  
Registration No. 0  
Climate: North

Lake City, FL 32024-

10/1/2009

Walls	Type	R-Value	Area X	HTM=	Load
1	Face Brick - Wood - Ext(0.08)	19.0	739	2.9	2113 Btuh
2	Frame - Wood - Ext(0.08)	19.0	547	2.9	1564 Btuh
3	Frame - Wood - Adj(0.08)	19.0	352	2.9	1006 Btuh
	Wall Total		1638		4683 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		40	12.9	518 Btuh
2	Insulated - Adjacent		24	12.9	311 Btuh
3	Insulated - Exterior		21	12.9	276 Btuh
4	Insulated - Exterior		10	12.9	130 Btuh
5	Wood - Exterior		24	20.0	480 Btuh
	Door Total		119		1714Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	94	1.2	111 Btuh
2	Vented Attic/D/Shin)	30.0	561	1.2	661 Btuh
3	Vented Attic/D/Shin)	30.0	246	1.2	290 Btuh
	Ceiling Total		901		1062Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	180.0 ft(p)	43.7	7859 Btuh
	Floor Total		180		7859 Btuh
	Zone Envelope Subtotal:				17044 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.32	14160	131.0	3672 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				20716 Btuh

### SYSTEM GROUPS (BLOCK LOADS)

Heating Loads For System(s):2 Serving Zones: 2	Block load	9596 Btuh
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Heating Loads For System(s):1 Serving Zones: 1	Block load	20716 Btuh
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# Manual J Winter Calculations

## Residential Load - Component Details (continued)

David & Sarah Disosway

Project Title:

Class 3 Rating

905127DisoswayResPh1\_MANJ

Registration No. 0

Lake City, FL 32024-

Climate: North

10/1/2009

### WHOLE HOUSE TOTALS

	Subtotal Sensible	30312 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	30312 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types )



For Florida residences only

# System Sizing Calculations - Summer

## Residential Load - Whole House Component Details

David & Sarah Disosway

Project Title:

Class 3 Rating

905127DisoswayResPh1\_MANJ

Registration No. 0

Lake City, FL 32024-

Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

10/1/2009

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

David & Sarah Disosway

Project Title:

905127DisoswayResPh1\_MANJ

Class 3 Rating

Registration No. 0

Climate: North

Lake City, FL 32024-

10/1/2009

### WHOLE HOUSE TOTALS

<b>Whole House Totals for Cooling</b>	<b>Sensible Envelope Load All Zones</b>	<b>25907 Btuh</b>
	Sensible Duct Load	0 Btuh
	<b>Total Sensible Zone Loads</b>	<b>25907 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>25907 Btuh</b>
	Latent infiltration gain (for 54 gr. humidity difference)	2393 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (12 people @ 200 Btuh per person)	2400 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>4793 Btuh</b>
	<b>TOTAL GAIN</b>	<b>30700 Btuh</b>

\*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

# System Sizing Calculations - Summer

## Residential Load - Room by Room Component Details

David & Sarah Disosway

Project Title:

905127DisoswayResPh1\_MANJ

Class 3 Rating

Registration No. 0

Climate: North

Lake City, FL 32024-

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

10/1/2009

### Component Loads for Zone #2: 2nd Floor

Window	Type*			Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS	Ornt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, SHGC=0.35, 0.35, None,N,N	N		1ft.	6.83	35.0	0.0	35.0	13	13	467	Btuh	
2	2, SHGC=0.35, 0.35, None,N,N	SE		1ft.	6.25f	37.5	3.2	34.3	13	31	1102	Btuh	
3	2, SHGC=0.35, 0.35, None,N,N	S		1ft.	6.83	35.0	31.5	3.5	13	16	476	Btuh	
4	2, SHGC=0.35, 0.35, None,N,N	E		1.5ft.	21.5f	60.0	0.0	60.0	13	40	2386	Btuh	
	Window Total					168 (sqft)					4430 Btuh		
Walls	Type			R-Value/U-Value		Area(sqft)			HTM		Load		
	Frame - Wood - Ext			19.0/0.08		728.0			1.5		1091 Btuh		
	Wall Total					728 (sqft)					1091 Btuh		
Ceilings	Type/Color/Surface			R-Value		Area(sqft)			HTM		Load		
	1	Vented Attic/DarkShingle			30.0		130.0			1.7		215 Btuh	
	2	Vented Attic/DarkShingle			30.0		606.0			1.7		1004 Btuh	
	3	Single Assembly/DarkShingle			30.0		260.0			0.9		227 Btuh	
	4	Vented Attic/DarkShingle			30.0		947.0			1.7		1568 Btuh	
		Ceiling Total					1943 (sqft)					3014 Btuh	
Floors	Type			R-Value		Size			HTM		Load		
	1	Raised Wood - Open			13.0		50 (sqft)			0.8		40 Btuh	
	2	Raised Wood - Adj			13.0		526 (sqft)			0.8		420 Btuh	
		Floor Total					576.0 (sqft)					460 Btuh	
	Zone Envelope Subtotal:										8996 Btuh		
Infiltration	Type			ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural			0.16		10395			65.5		375 Btuh		
Internal gain				Occupants		Btuh/occupant			Appliance		Load		
				6		X 230 +			900		2280 Btuh		
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)									DGM = 0.00		0.0 Btuh	
	Sensible Zone Load										11651 Btuh		

### Component Loads for Zone #1: 1st Floor

Window	Type*			Overhang		Window Area(sqft)			HTM		Load
	Pn/SHGC/U/InSh/ExSh/IS	Ornt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, SHGC=0.35, 0.35, None,N,N	N		1ft.	7.16	8.0	0.0	8.0	13	13	107 Btuh
2	2, SHGC=0.35, 0.35, None,N,N	N		1ft.	3.75f	6.3	0.0	6.3	13	13	84 Btuh
3	2, SHGC=0.35, 0.35, None,N,N	SE		1ft.	17.5f	45.0	0.0	45.0	13	31	1390 Btuh
4	2, SHGC=0.35, 0.35, None,N,N	SE		1ft.	7.25f	60.0	4.3	55.7	13	31	1778 Btuh
5	2, SHGC=0.35, 0.35, None,N,N	SW		19ft.	7.83	14.0	14.0	0.0	13	31	187 Btuh
Window Total						133 (sqft)					3546 Btuh



# Manual J Summer Calculations

## Residential Load - Component Details (continued)

David & Sarah Disosway

Project Title:

905127DisoswayResPh1\_MANJ

Class 3 Rating

Registration No. 0

Climate: North

Lake City, FL 32024-

10/1/2009

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Face Brick - Wood - Ext	19.0/0.08	739.0	1.0	765 Btuh
2	Frame - Wood - Ext	19.0/0.08	547.0	1.5	820 Btuh
3	Frame - Wood - Adj	19.0/0.08	352.0	1.3	462 Btuh
	Wall Total		1638 (sqft)		2048 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Exterior		40.0	9.8	392 Btuh
2	Insulated - Adjacent		24.0	9.8	235 Btuh
3	Insulated - Exterior		21.3	9.8	209 Btuh
4	Insulated - Exterior		10.0	9.8	98 Btuh
5	Wood - Exterior		24.0	15.1	363 Btuh
	Door Total		119 (sqft)		1297 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	94.0	1.7	156 Btuh
2	Vented Attic/DarkShingle	30.0	561.0	1.7	929 Btuh
3	Vented Attic/DarkShingle	30.0	246.0	1.7	407 Btuh
	Ceiling Total		901 (sqft)		1492 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	180 (ft(p))	0.0	0 Btuh
	Floor Total		180.0 (sqft)		0 Btuh
	Zone Envelope Subtotal:				8382 Btuh
Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.16	14160	65.5	844 Btuh
Internal gain	Occupants		Btuh/occupant	Appliance	Load
	6		X 230 +	3650	5030 Btuh
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic) DGM = 0.00				0.0 Btuh
	Sensible Zone Load				14256 Btuh

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

David & Sarah Disosway

Project Title:

Class 3 Rating

905127DisoswayResPh1\_MANJ

Registration No. 0

Lake City, FL 32024-

Climate: North

10/1/2009

### SYSTEM GROUPS (BLOCK LOADS)

<b>Cooling Loads</b>  <b>For System(s):2</b> <b>Serving Zones:</b> <b>2</b>	<b>Sensible Envelope Load</b>	<b>11651 Btuh</b>
	Sensible Duct Load (duct gain multiplier of 0.00)	0 Btuh
	Sensible ventilation	0 Btuh
	<b>Zone Sensible gain</b>	<b>11651 Btuh</b>
	Latent infiltration/ventilation gain	736 Btuh
	Latent occupant gain	1200 Btuh
	Latent duct gain	0 Btuh
	Latent other gain	0 Btuh
	<b>Total block load</b>	<b>13587 Btu</b>

<b>Cooling Loads</b>  <b>For System(s):1</b> <b>Serving Zones:</b> <b>1</b>	<b>Sensible Envelope Load</b>	<b>14256 Btuh</b>
	Sensible Duct Load (duct gain multiplier of 0.00)	0 Btuh
	Sensible ventilation	0 Btuh
	<b>Zone Sensible gain</b>	<b>14256 Btuh</b>
	Latent infiltration/ventilation gain	1657 Btuh
	Latent occupant gain	1200 Btuh
	Latent duct gain	0 Btuh
	Latent other gain	0 Btuh
	<b>Total block load</b>	<b>17112 Btu</b>

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

David & Sarah Disosway

Project Title:

905127DisoswayResPh1\_MANJ

Class 3 Rating

Registration No. 0

Climate: North

Lake City, FL 32024-

10/1/2009

### WHOLE HOUSE TOTALS

<b>Whole House Totals for Cooling</b>	<b>Sensible Envelope Load All Zones</b>	<b>25907 Btuh</b>
	Sensible Duct Load	0 Btuh
	<b>Total Sensible Zone Loads</b>	<b>25907 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>25907 Btuh</b>
	Latent infiltration gain (for 54 gr. humidity difference)	2393 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (12 people @ 200 Btuh per person)	2400 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>4793 Btuh</b>
	<b>TOTAL GAIN</b>	<b>30700 Btuh</b>

\*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Omt - compass orientation)



For Florida residences only

# Residential Window Diversity

## MidSummer

David & Sarah Disosway

Project Title:  
905127DisoswayResPh1\_MANJ

Class 3 Rating  
Registration No. 0  
Climate: North

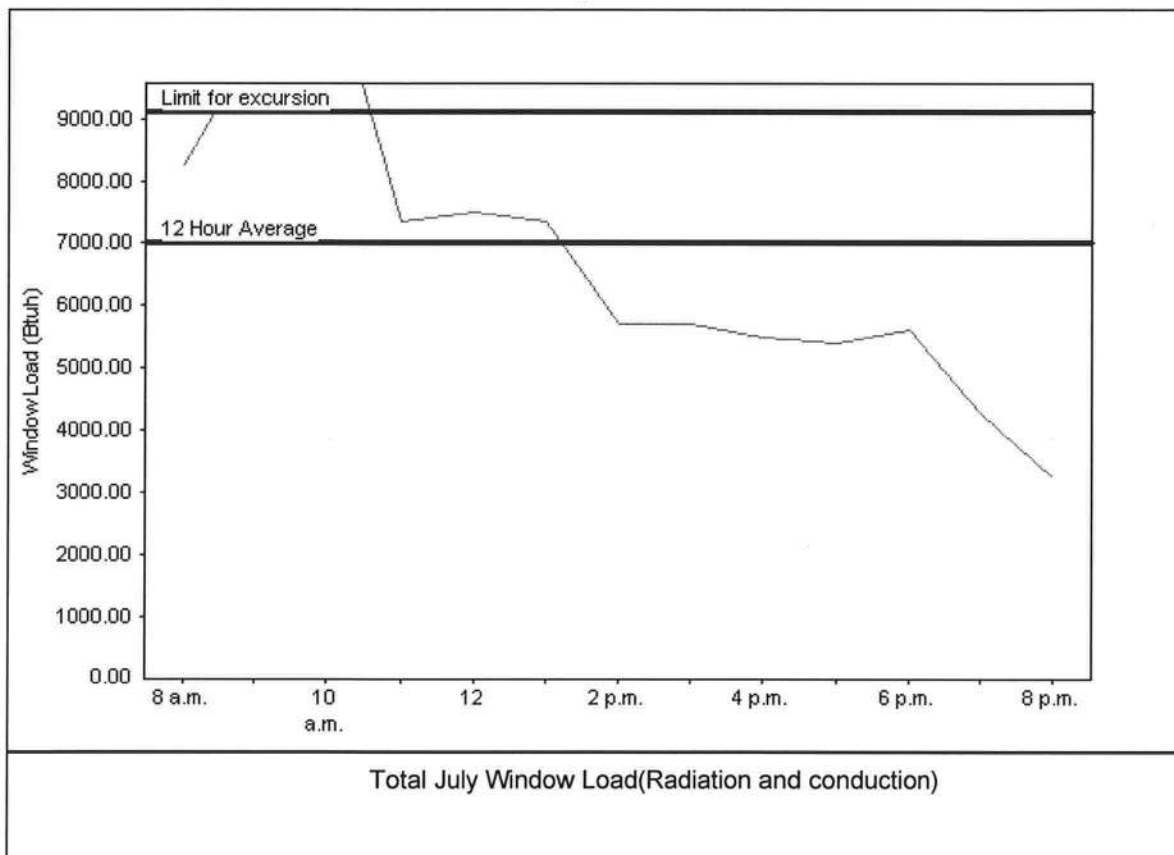
Lake City, FL 32024-

10/1/2009

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	7019 Btuh
Summer setpoint	75 F	Peak window load for July	11350 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	9124 Btuh
Latitude	29 North	Window excursion (July)	2225 Btuh

### WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY:

DATE: 10/1/09

EnergyGauge® FLR2PB v4.1





# New Construction Subterranean Termite Service Record

OMB Approval No. 2502-0525  
(exp. 02/29/2012)

This form is completed by the licensed Pest Control Company.

**Public reporting burden** for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential, therefore, no assurance of confidentiality is provided.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Company and builder, unless stated otherwise.

## Section 1: General Information (Pest Control Company Information)

Company Name Aspen Pest Control, Inc.  
Company Address P.O. Box 1785 City Lake City State FL Zip 32855  
Company Business License No. JF108476 Company Phone No. 352-752-9911  
FHA/VA Case No. (if any) \_\_\_\_\_

## Section 2: Builder Information

Company Name Mark Disorway Phone No. 754-5419

## Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) David Disorway 116 Stonebridge DR  
Lake City, FL 32024

## Section 4: Service Information

Date(s) of Service(s) 11-4-2009  
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other \_\_\_\_\_

Check all that apply:

- ☐ A. Soil Applied Liquid Termiticide  
Brand Name of Termiticide: Pro Thac EPA Registration No. 83923-4  
Approx. Dilution (%): 5 Approx. Total Gallons Mix Applied: 495 Treatment completed on exterior: ☒ Yes ☐ No
- ☐ B. Wood Applied Liquid Termiticide  
Brand Name of Termiticide: \_\_\_\_\_ EPA Registration No. \_\_\_\_\_  
Approx. Dilution (%): \_\_\_\_\_ Approx. Total Gallons Mix Applied: \_\_\_\_\_
- ☐ C. Bait System Installed  
Name of System \_\_\_\_\_ EPA Registration No. \_\_\_\_\_ Number of Stations Installed \_\_\_\_\_
- ☐ D. Physical Barrier System Installed  
Name of System \_\_\_\_\_ Attach installation information (required)

Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) \_\_\_\_\_

Comments \_\_\_\_\_

Name of Applicator(s) Cliff Lacey Certification No. (if required by State law) JF108476

The applicator has used a product in accordance with the product label and state requirements. All materials and methods used comply with state and federal regulations.

Authorized Signature Cliff Lacey Date 11-4-2009

**Warning:** HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPMA-99-B

*2H: Wkesie:*  
**Columbia County Building Department  
Culvert Waiver**

**Culvert Waiver No.  
000001768**

DATE: 10/12/2009 BUILDING PERMIT NO. 28141

APPLICANT MARK DISOSWAY PHONE 386.754.5419

ADDRESS POB 868 LAKE CITY FL 32056

OWNER DAVID DISOSWAY PHONE 386.623.3015

ADDRESS 116 SW STONERIDGE DR LAKE CITY FL 32024

CONTRACTOR MARK DISOSWAY PHONE 386.754.5419

LOCATION OF PROPERTY 47-S TO WALTER AVE., TL TO 1 MIL INTO ROSE CREEK PLANT, S.D.

AND IT'S 1ST. LOT ON R @ STONERIDGE DR.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROSE CREEK PLANT. 11 1

PARCEL ID # 01-5S-16-03406-111

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: *Mark Disosway*

A SEPARATE CHECK IS REQUIRED  
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

**PUBLIC WORKS DEPARTMENT USE ONLY**

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE  
CULVERT WAIVER IS:

APPROVED \_\_\_\_\_ NOT APPROVED - NEEDS A CULVERT PERMIT \_\_\_\_\_  
COMMENTS: *Ditches too deep needs a pipe.*

SIGNED: *James Thomas* DATE: 10-16-09

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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

OCT 16 2009





# COLUMBIA COUNTY FLORIDA

## 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 01-5S-16-03406-111

Building permit No. 000028141

Use Classification SFD/UTILITY

Fire: 70.62

Permit Holder MARK DISOSWAY

Waste: 184.25

Owner of Building DAVID DISOSWAY

Total: 254.87

Location: 116 SW STONERIDGE DRIVE, LAKE CITY, FL 32024

Date: 11/03/2011

*Shay Lee*

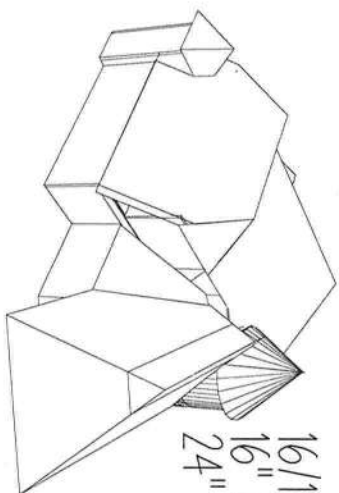
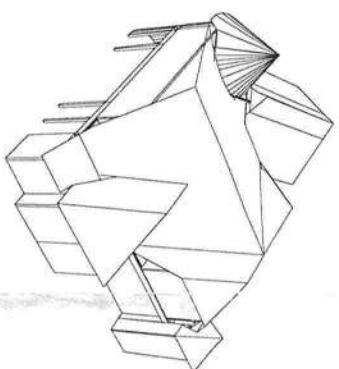
Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)







16 1/2 ROOF U.N.O  
16" O.H. FROM EDGE FRAME WALL  
24" O.C. (U.N.O.)

BEARING HEIGHT SCHEDULE

	10'-1-1/8"
	9'-1-1/8"
	16'-1-1/8"
	12'-1-1/8"

NOTES:

- 1) REFER TO HUB 91 (RECOMMENDATIONS FOR HANDING INSTALLATION AND TEMPORARY BRACING) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
- 2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL W05 FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2' O.C. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
- 6) 3/4\" TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HITCH UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON TH4422 UNLESS OTHERWISE NOTED.
- 8) BEARING HEIGHTS (NOR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND W005 ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS, REVIEW AND APPROVAL OF THE LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Expedited Delivery Fee: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



**Bumell**  
Jacksonville  
PHONE: 904-437-3543 FAX: 904-437-3494  
Lake City  
PHONE: 904-772-6100 FAX: 904-772-1673  
Santford  
PHONE: 386-755-6894 FAX: 386-755-7973  
PHONE: 407-322-0099 FAX: 407-322-9993

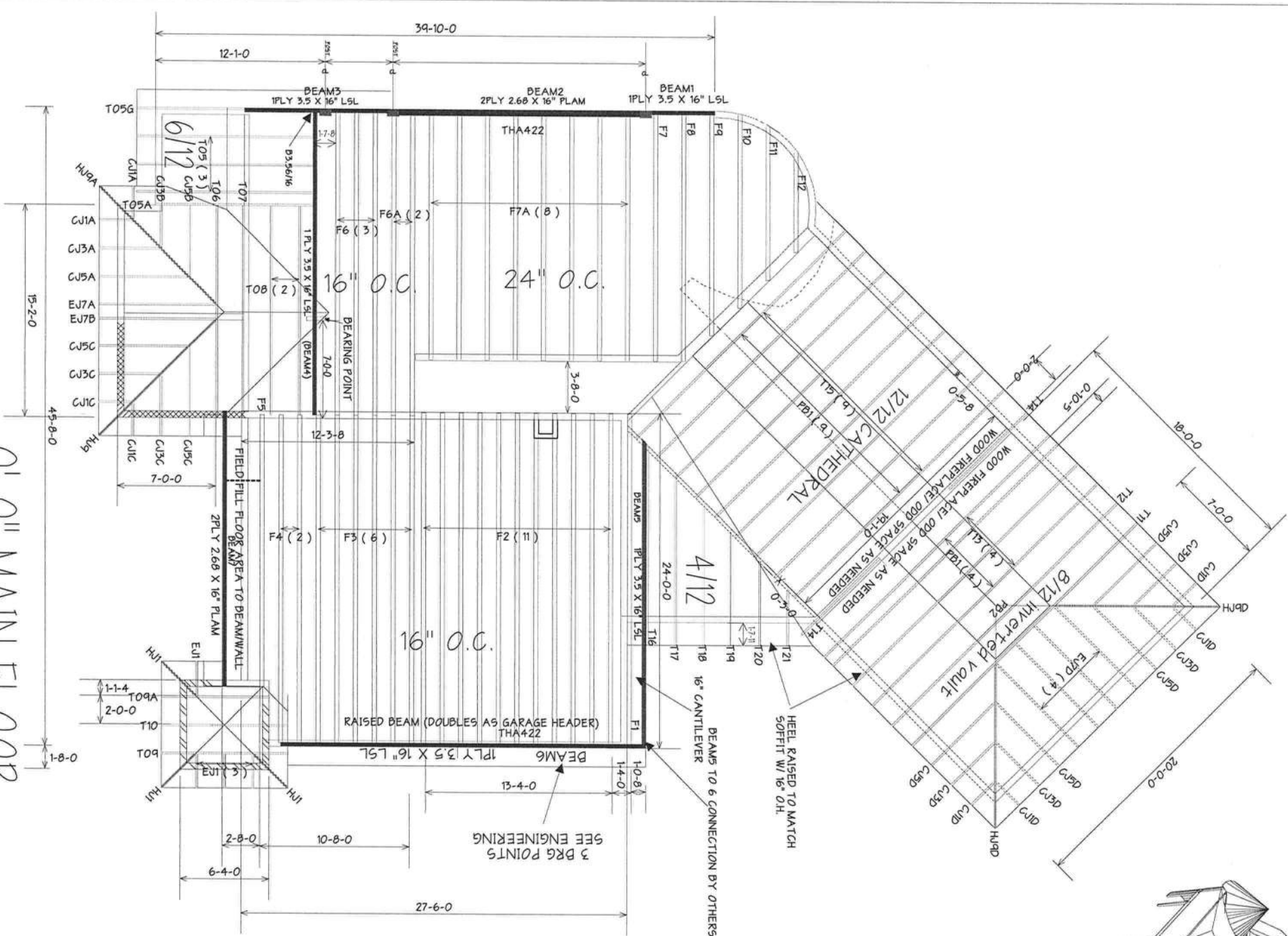
BUILDER

LEGAL ADDRESS:

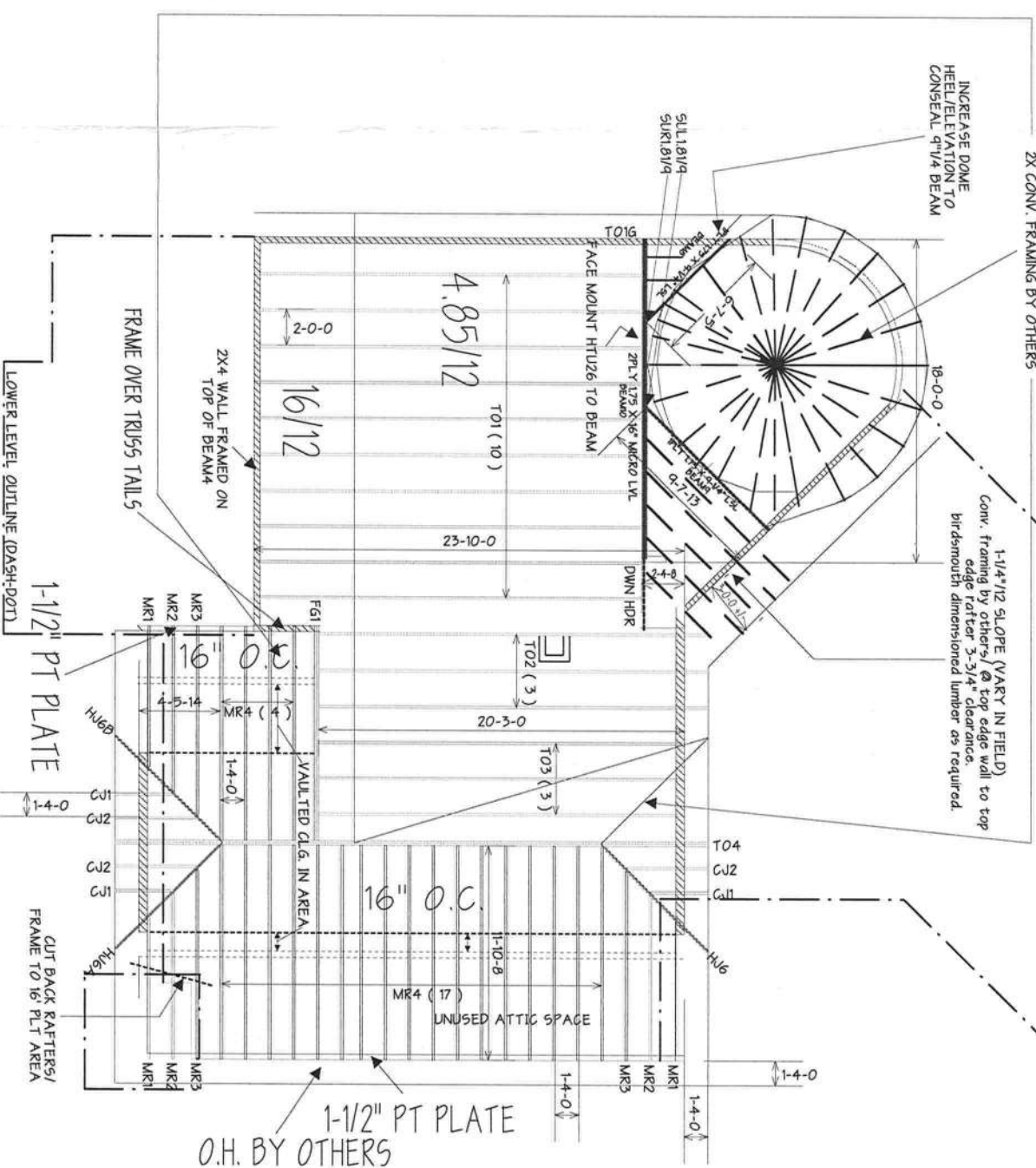
COLUMBIA CTY, FL

W001: CUSTOM DRAWING: SCALE: NTS

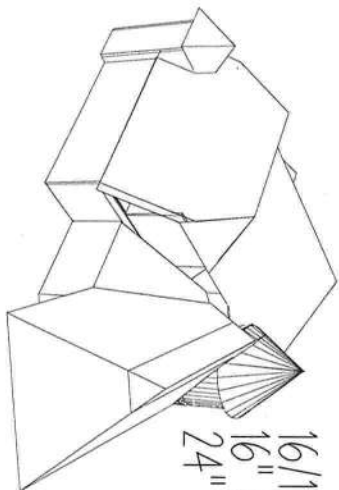
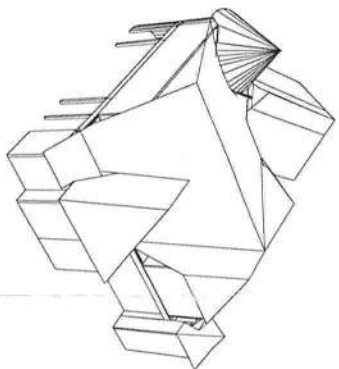
DATE: 4-23-09 DRAWN BY: BCANNADY 315479



0'-0" MAIN FLOOR



11'-5" TOP OF 3/4" DECKING



16 1/2 ROOF U.N.O  
16" O.H. FROM EDGE FRAME WALL  
24" O.C. (U.N.O.)

BEARING HEIGHT SCHEDULE

	10'-1 1/8"
	9'-1 1/8"
	16'-1 1/8"
	12'-1 1/8"

NOTES:

- 1) REFER TO HDB 91 RECOMMENDATIONS FOR HANDING INSTALLATION AND TEMPORARY BRACING. REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
- 2) ALL TRUSSES INCLUDING TRUSSES UNDER RAFTERS (BRACING) MUST BE COMPLETELY DECKED OVER TO DETAIL FOR PERMANENT ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2" O.C. MAXIMUM SPACING. UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING. UNLESS OTHERWISE NOTED.
- 6) 5x42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL ROOF TRUSS HANGERS TO BE SHOWN ON HDB 91 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SHOWN ON THA422 UNLESS OTHERWISE NOTED.
- 8) BEARING HEIGHTS (HDB) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND WALLS. ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS, REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. HEREBY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Request Return Size \_\_\_\_\_

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Builder

PHONE: 904-437-3349 FAX: 904-437-3994  
Jacksonville

PHONE: 904-772-6900 FAX: 904-772-1973  
Lake City

PHONE: 386-795-6994 FAX: 386-795-7973  
Santord

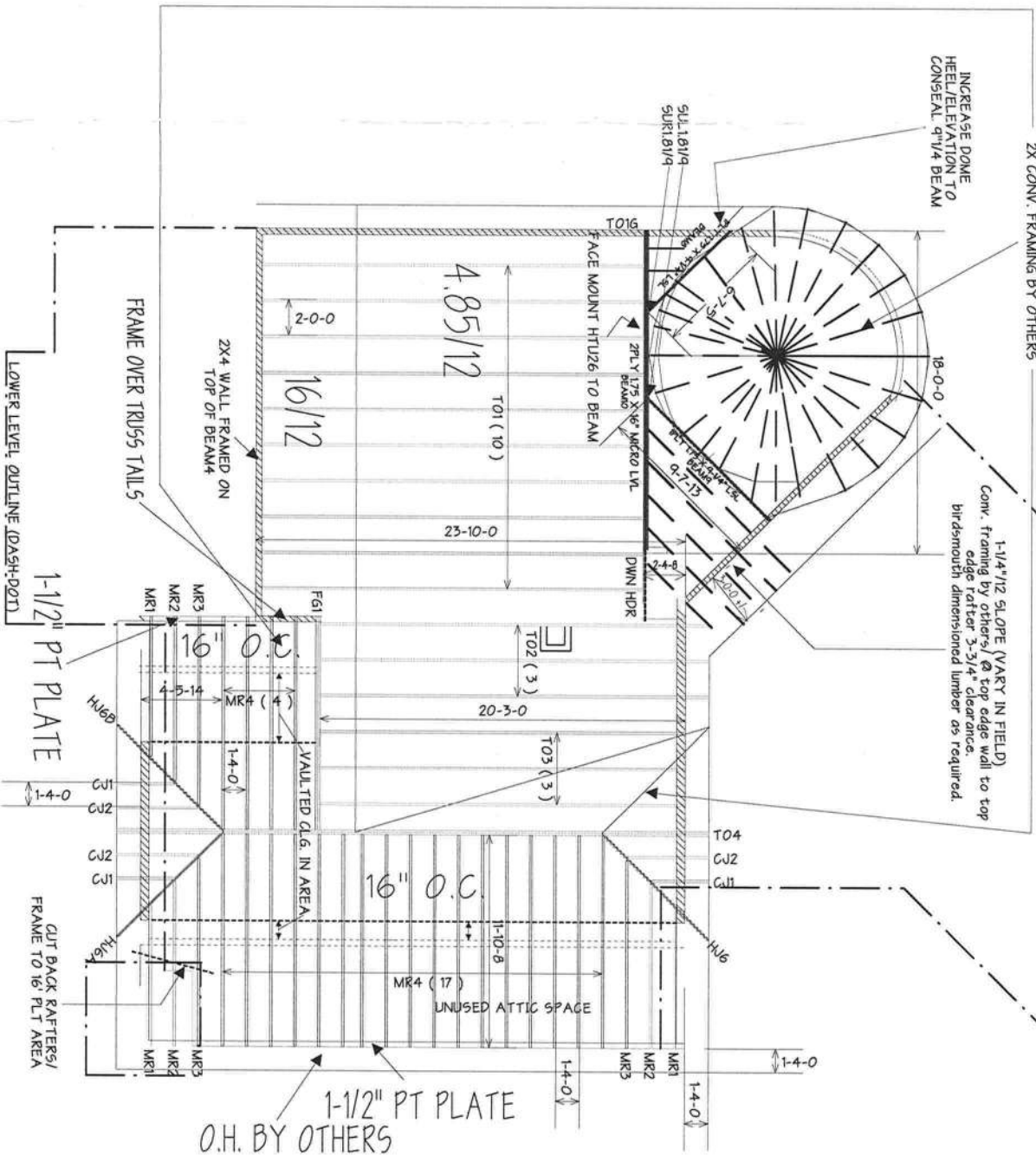
PHONE: 407-322-0099 FAX: 407-322-5993

TEAL ADDRESS: COLUMBIA CTY. FL

DATE: 9-23-09

BY: B.CANNADY

3/5479



1-1/2" PT PLATE  
O.H. BY OTHERS

0'-0" MAIN FLOOR

11'-5 7/8 TOP OF 3/4" DECKING