

DATE 12/01/2005

Columbia County Building Permit

PERMIT 000023919

This Permit Expires One Year From the Date of Issue

APPLICANT NORMAN BIEGNER
ADDRESS 224 SW UNCLE REMUS GLEN
OWNER NORMAN BIEGNER
ADDRESS 224 SW UNCLE REMUS GLEN
CONTRACTOR SAME AS APPLICANT
475, TR ON WILSON SPRINGS ROAD, TL ON BRIAR PATCH TERR,
TR ON UNCLE REMUS GLEN, 2ND DRIVE ON LEFT

LOCATION OF PROPERTY

TYPE DEVELOPMENT

SFD ADDITION

ESTIMATED COST OF CONSTRUCTION

20000.00

HEATED FLOOR AREA

784.00

TOTAL AREA

784.00

HEIGHT

.00

STORIES

1

FOUNDATION

CONC

WALLS FRAMED

ROOF PITCH

3/12

FLOOR SLAB

LAND USE & ZONING

A-3

MAX. HEIGHT

14

Minimum Set Back Requirements:

STREET-FRONT

30.00

REAR

25.00

SIDE

25.00

NO. EX.D.U.

0

FLOOD ZONE

X

DEVELOPMENT PERMIT NO.

PARCEL ID

05-7S-16-04138-107

SUBDIVISION

BRIAR PATCH ESTATES

LOT 7

BLOCK

PHASE

UNIT

TOTAL ACRES

Culvert Permit No.

Culvert Waiver

Contractor's License Number

BK

LU & Zoning checked by

JH

Approved for Issuance

New Resident

Driveaway Connection

EXISTING

05-1143-E

Septic Tank Number

COMMENTS: FLOOR HEIGHT LETTER RECEIVED, NOC ON FILE

Temporary Power

Foundation

Monolithic

(Footer/Slab)

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

Framing

date/app. by

Rough-in plumbing above slab and below wood floor

date/app. by

Electrical rough-in

date/app. by

Heat & Air Duct

date/app. by

Peri. beam (Lintel)

date/app. by

Permanent power

date/app. by

C.O. Final

date/app. by

Culvert

date/app. by

M/H tie downs, blocking, electricity and plumbing

date/app. by

Pool

date/app. by

Reconnection

date/app. by

Pump pole

date/app. by

Utility Pole

date/app. by

Re-roof

date/app. by

M/H Pole

date/app. by

Travel Trailer

date/app. by

CLERKS OFFICE

INSPECTORS OFFICE

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$ 25.00

CULVERT FEE \$

TOTAL FEE 182.84

MISC. FEES \$.00

ZONING CERT. FEE \$ 50.00

FIRE FEE \$.00

WASTE FEE \$

BUILDING PERMIT FEE \$ 100.00

CERTIFICATION FEE \$ 3.92

SURCHARGE FEE \$ 3.92

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES. "WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

1694

For Office Use Only Application # 0511-19 Date Received 11/3/05 By JAL Permit # 23919
Application Approved by - Zoning Official BLK Date 09/11/05 Plans Examiner OK JTH Date 11-9-05
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments ~~BLK~~ + NOC NEEDS

Applicants Name Norman L. BIEGNER Phone 386-497-3822
Address 224 SW UNGLE RENUS (GLEN) FORT WORTH FL 32038
Owners Name SAME AS ABOVE Phone 352-317-3808
911 Address CELL PHONE
Contractors Name QUINN BULLOCK Phone
Address

Fee Simple Owner Name & Address
Bonding Co. Name & Address
Architect/Engineer Name & Address MARK DISNEY 808 868 LAKE OLY FL
Mortgage Lenders Name & Address WELLS FARGO FARMERS UNION BANK

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 05-75-16-04138-107 Estimated Cost of Construction \$20,000
Subdivision Name BEAR PATCH ESTATES Lot 7 Block Unit Phase
Driving Directions SO ON FL 47 TO FORT WHITE - TURN RIGHT AT LIGHT - 90
ONE BLOCK - TURN LEFT - 90 1.5 MILES (W) WILSON SPRING ROAD
TURN LEFT OUT BEAR PATCH TRAIL - 90 0.6 MILES - TURN RIGHT

Type of Construction FRAME - 3rd floor to 8th
Total Acreage 10.02 Lot Size
Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 360 Side 330 Side 330 Rear 300
Total Building Height 14 Number of Stories 1 Heated Floor Area 1300 Roof Pitch 35:12

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

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

Owner Builder or Agent (Including Contractor)
STATE OF FLORIDA
COUNTY OF COLUMBIA
Sworn to (or affirmed) and subscribed before me
this 26th day of October 2005
Personally known or Produced Identification
Notary Public, State of Florida
My comm. expires Sept. 16, 2008
No. DD 3555552
MICHAEL T. LOVEDAY
Contractors License Number
Competency Card Number
NOTARY STAMP/SEAL
Notary Signature
Contractor Signature
N/A

November 23, 2005

Mark Disosway, P.E.
POB 868, Lake City, FL 32056, Ph (386) 754-5419, Fax (702) 543-7241

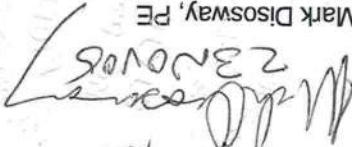
Building Department
Columbia County Dept. of Growth Management
35 N. Hernando St.
Lake City, FL 32056-1529

Re: Survey of the Norman Biegner residence, Fort White, Florida.

Dear Building Inspector:

This letter is in reference to house above the road issues at the above referenced house.

- We checked the lot with a laser level (1/4"/100' accuracy and the house is above the crown of the road at a point directly in front of the front door by 3.75 feet.


23 NOV 05
Mark Disosway, PE
Florida Registered Professional Engineer

Mark Disosway, PE
Florida Registered Professional Engineer

Mark Disosway
23NOV05

of the road at a point directly in front of the front door by 3.75 feet.

- We checked the lot with a laser level (1/4"/100' accuracy and the house is above the crown

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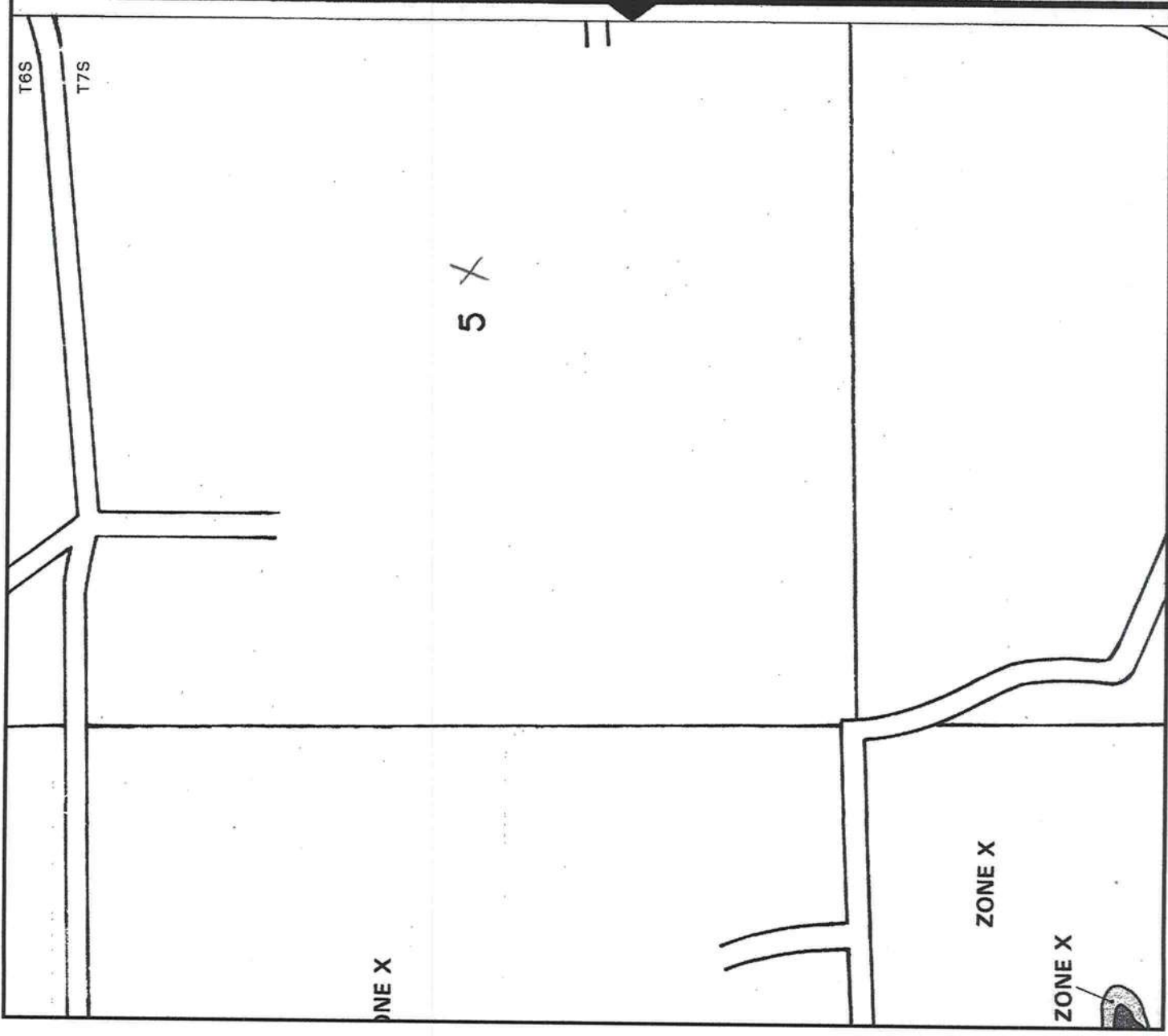
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Building Department
Columbia County Dept. of Growth Management
35 N. Hernando St.
Lake City, FL 32056-1529

November 23, 2005

Mark Disosway, P.E.
POB 868, Lake City, FL 32056, Ph (386) 754-5419, Fax (702) 543-7241



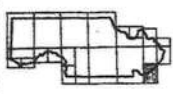
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 255 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0255 B
EFFECTIVE DATE:
JANUARY 6, 1988



Federal Emergency Management Agency

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

Key:

P = HOUSE MASTER

W = WELL

S = SEPTIC TANK

SK = SUMMER KITCHEN

H = HOUSE

G = GARAGE

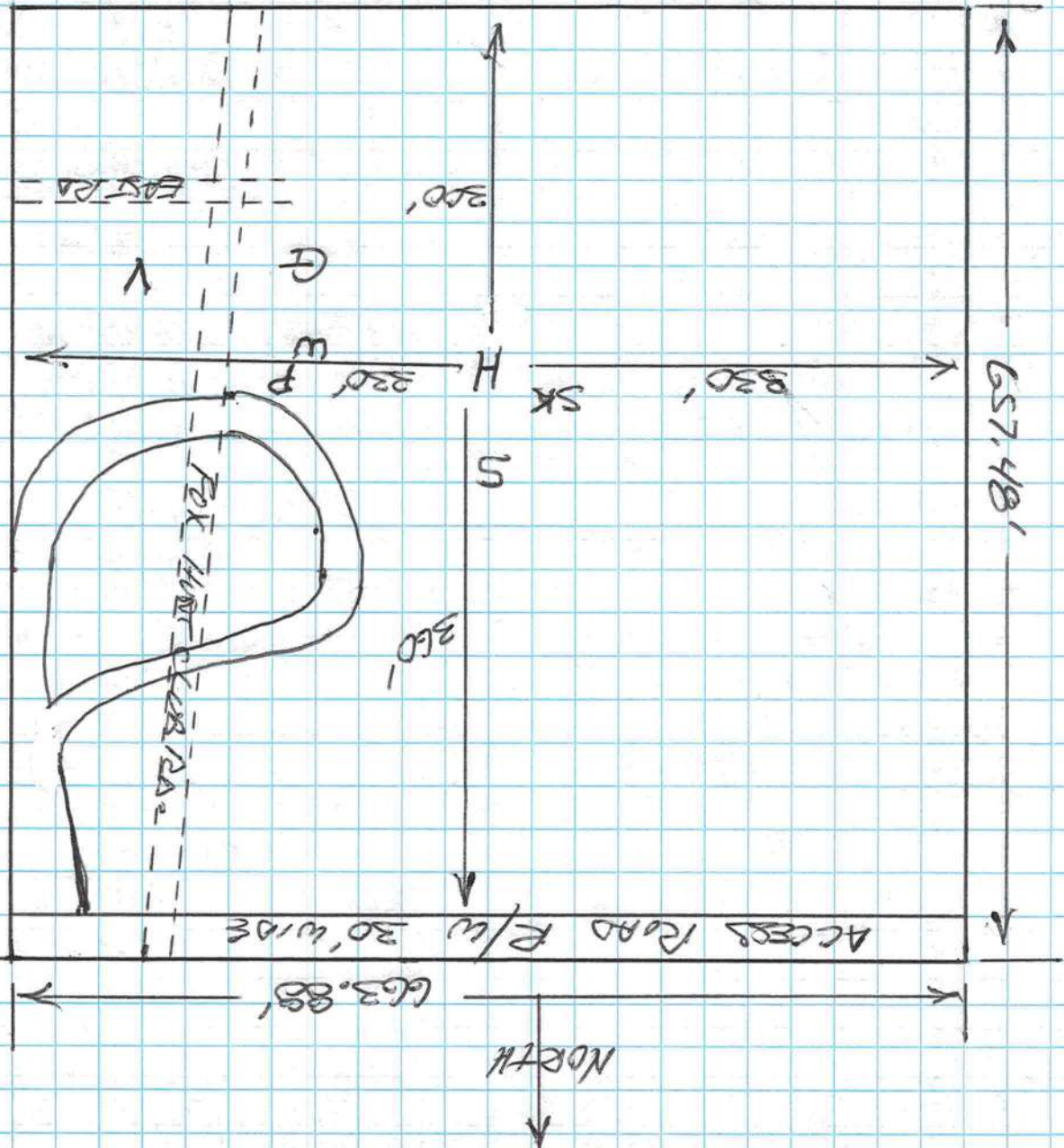
V = VINEYARD

SCALE:

1/4" = 30 FEET

SITE PLAN

Norman L Bieganski
224 SW Uncle Remus Glen
First White FL 32038
26 OCT 05



Norman L. Biegner
824 SW 11th St
Fort White FL 32038

QUITCLAIM DEED

Inst: 2002015204 Date: 08/01/2002 Time: 11:59:50
Doc Stamp-Deed : 50.40
DC, P. DeWitt Cason, Columbia County B: 959 P: 459

THIS QUITCLAIM DEED, Executed this the 1st day of August, 2002 by Catherine Christine Simes Biegner, whose address is: 6430 SE 85th Loop, Trenton, Florida, 32693, Gilchrist County, party of the first part, to Norman L. Biegner, party of the second part, and whose Social Security numbers are 262-72-9377 and 127-32-4056, respectively.

WITNESSETH, That the said first party, for and in consideration of the sum of \$1.00 (One dollar) in hand paid by the said second party, the receipt whereof is hereby acknowledged, does hereby remise, release, and quitclaim unto the said second party forever, all the right title, interest, claim and demand which said first party has in and to the following described lot, piece of parcel of land, situate, lying and being in the County of Columbia, State of Florida, to wit:

Parcel 7 - Briar Patch Estates Subdivision Unrecorded - as recorded in Official Records Book 0874 Page 0522.

Commence at the Northeast Corner of the SW 1/4, Section 5, Township 7 South, Range 16 East, Columbia County, Florida and run thence S 0 Deg. 15' 45" E along the East line of said SW 1/4, 657.48 feet, thence S 89 Deg. 15' 34" W, 663.88 feet, thence N 0 deg. 15' 45" W, 657.48 feet to the Point Of Beginning. Thence continue S 89 Deg. 15' 34" W, 663.88 feet, thence N 0 deg. 15' 45" W, 657.48 feet to the Point Of Beginning. The North 30 feet of said lands being subject to an easement for ingress and egress. Also, the East 10 feet, the West 10 feet and the South 20 feet of the North 50 feet of said lands being subject to utility easement for Clay Electric.

TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS DESCRIBED AS FOLLOWS:

A strip of land 60 feet in width being 60 feet to the Right of a described as follows: Commence at the Northeast Corner of the NW 1/4, Section 5, Township 7 South, Range 16 East, Columbia County, Florida and run thence S 0 deg. 14' 05" E along the East line of said NW 1/4, 51.29 feet to the South line of Wilson Springs Road and to the Point of Beginning, thence continue S 0 deg. 14' 05" E along said East line 2534.56 Feet to the Northeast Corner of the SW 1/4 of said Section 5, Thence S 0deg. 15' 45" E along the East line of said SW 1/4, 657.48 feet to Reference Point "A", thence continue S 0 deg. 15' 45" E along said East line 1292.93 feet to Reference Point "B", thence continue S 0 deg. 15' 45" E along said East line, 30.00 feet to the Point of Termination. Also a Strip of land 60 feet in width being 30 feet each side of a centerline described as follows: Begin at Reference Point "A" and run thence S 89 deg. 15' 34" W 2031.64 feet to the centerpoint of a Cul-De-Sac having a radius of 50 feet and to the Point of Termination. Also a Strip of land 60 feet in width being 30 feet each side of the centerline described as follows: Begin at Reference Point "B" and run thence S 89 deg. 15' 34" W, 1382.98 feet to the Point of Termination.

TO HAVE AND TO HOLD the same together with all and singular the appurtenances thereunto belonging or in anywise appertaining and all the estate, right, title, interest, lien equity and benefit of the said second party forever.

IN WITNESS WHEREOF, The said first party has signed and sealed these presents this day and year first below written.

CS Biegner
Grantor - Catherine Christine Simes Biegner

8/10
Date

Michael St. Lawrence
Witness:

Margaret Lawrence
Witness:

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this the 1st day of August 2002, by Catherine Christine Simes Biegner, who presented as identification Florida Dr. License

(STAMP)
Jennifer L. Markham
NOTARY PUBLIC - STATE OF FLORIDA


Jennifer L. Markham
My Commission CC964331
Expires August 29, 2004

Inst: 2002015204 Date: 08/01/2002 Time: 11:59:50
Doc Stamp-Deed: 50.40
mk
DC, P. Dewitt Casson, Columbia County B: 959 P: 460

Columbia County Taxing Authorities
135 NE Hernando Ave Suite 238
Lake City, FL 32055
** Important Tax Information Enclosed **
2005 Real Estate Property
RETURN SERVICE REQUESTED

PARCEL ID: 05-7S-16-04138-107

HX C 4916
4**AUTO**5-DIGIT 32038
BIEGNER NORMAN L
224 SW UNCLE REMUS GLN
FORT WHITE FL 32038-4968

COMM NE COR OF SW1/4, RUN S
659.48 FT, W 663.88 FT FOR
POB, CONT W 663.88 FT, S
657.48 FT, E 663.88 FT, N
657.48 FT TO POB. (AKA LOT 7
BRIAR PATCH ESTATES S/D UNREC)
ORB 855-1150, 855-2122,

The taxing authorities which levy property taxes
against your property will soon hold **Public**
Hearings to adopt budgets and tax rates for the
next year.
The purpose of these **Public Hearings** is to
receive opinions from the general public and to
answer questions on the proposed tax change
and budget **Prior To Taking Final Action**.
Each taxing authority may **Amend or Alter** its
proposals at the hearing.

**NOTICE OF PROPOSED
PROPERTY TAXES
DO NOT PAY
THIS IS NOT A BILL**

Taxing Authority	Your property taxes last year	Your taxes this year if proposed	A public hearing on the proposed taxes and budget will be held:	Your taxes this year if no budget change is made
County 003	95.43	104.83	SEPT 8,2005,7:00PM,SCHOOL BOARD ADM BLDG,372 W DUVAL ST	96.62
Public Schools: By State Law By Local Board	60.50	62.41	SEPT 13, 2005,7:00PM,SCHOOL BOARD ADM BLDG, 372 W DUVAL ST.	61.30
LSHA	16.40	21.02	SEPT 12, 2005 5:30 PM,368 NE FRANKLIN ST SHANDS AT LAKE SHORE	16.63
CCIDA	1.51	1.66	SEPT 8,2005,7:00PM, SCHOOL BOARD ADM BLDG., 372 W DUVAL ST.	1.53
Water Management District	5.37	5.90	SEPT 13,2005,5:30PM,SRWMD, US 90 & CR 49, LIVE OAK	5.44
SRWMD				
Independent Special Districts • Voter Approved • Debt Payments				
Total Property Taxes	209.39	228.98		212.10
	COLUMN 1*	COLUMN 2*	COLUMN 3*	
Your property value last year:	Market Value	Assessed Value	Exemptions	Taxable Value
48,426	36,349	35,936	25,000	10,936
this year:			25,000	12,014

• SEE REVERSE SIDE FOR EXPLANATIONS

• IF YOU FEEL THE MARKET VALUE OF YOUR PROPERTY IS INACURATE OR DOES NOT REFLECT FAIR MARKET VALUE, OR IF YOU ARE ENTITLED TO AN EXEMPTION THAT IS NOT REFLECTED ABOVE, CONTACT YOUR COUNTY PROPERTY APPRAISER AT: 135 NE Hernando Ave # 238 Lake City FL 32055 (386) 758-1083

• IF THE PROPERTY APPRAISER'S OFFICE IS UNABLE TO RESOLVE THE MATTER AS TO MARKET VALUE OR AN EXEMPTION, YOU MAY FILE A PETITION FOR ADJUSTMENT WITH THE VALUE ADJUSTMENT BOARD; PETITION FORMS ARE AVAILABLE FROM THE COUNTY PROPERTY APPRAISER AND MUST BE FILED ON OR BEFORE:

September 6, 2005

• YOUR FINAL TAX BILL MAY CONTAIN NON-AD VALOREM ASSESSMENTS WHICH MAY NOT BE REFLECTED ON THIS NOTICE SUCH AS ASSESSMENTS FOR ROADS, DRAINAGE, GARBAGE, FIRE, LIGHTING, WATER, SEWER, OR OTHER GOVERNMENTAL SERVICES AND FACILITIES WHICH MAY BE PROVIDED BY YOUR COUNTY, CITY, OR ANY SPECIAL DISTRICT

Norman L. Biegner
224 SW Uncle Remus Glen
Fort White, Florida 32038

02 Nov 05

Mr. Joe Haltiwanger
Columbia County Building & Zoning Dept.
135 NE Hernando Ave., Suite B-21
Lake City, Florida 32055

Re: Land Elevation - at my residence
building site

Dear Mr. Haltiwanger,

I am enclosing three pictures, taken on my 10 acre property, to demonstrate my adequate building site drainage. The house site is located approximately in the center of the acreage. In the NW corner of the acreage is an 1890's phosphate quarry that is 20 to 25 feet deep. The quarry is heavily wooded and covers approximately 2 acres. It is a ready made surge pond.

During the heavy rains we had, when the hurricanes threatened last year, there was no water accumulation and no water standing on my property in any place.

The three pictures are taken at the edge of the quarry. Picture #1 - is taken - looking towards the house site from slightly down the grade into the quarry. The edge of the quarry is approximately 3 feet below that of the finished floor of the house. Picture #2 is taken from the level grade - 10 feet from the slope where #1 was taken looking back (from picture #1's view) into the quarry. Picture #3 is taken looking north from the same location as #2 that shows a better view of the quarry's edges.

I hope that this letter and pictures will satisfy any concerns about drainage, that there are no problems with respect to adequate drainage of my building site.

Sincerely,



Norman L. Biegner
02 Nov 05

NOTE: FROM THE UPPER LEFT OF THE PICTURE:
THE METAL ROOF IS THAT OF A PICNIC SHELTER -
THE METAL ROOF TO THE RIGHT OF THE SHELTER
IS THE ROOF OF THE EXISTING HOUSE

PICTURE # 1



Picture # 3



Picture # 2



DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling
☐ Farm Outbuilding
☐ New Construction

- ☐ Two-Family Residence
☐ Other
☐ Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I NORMAN L. BIEGAGE, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss. 489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Signature _____
Date 26 OCT 05

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date 11-3-05 Building Official/Representative

David Dennis



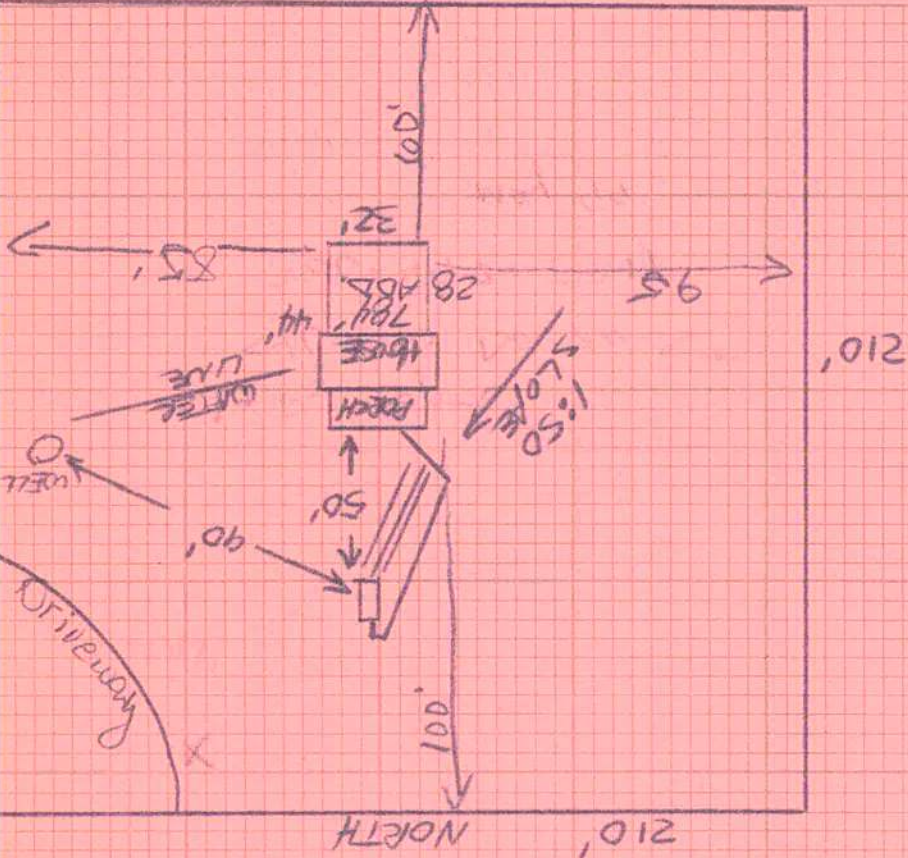
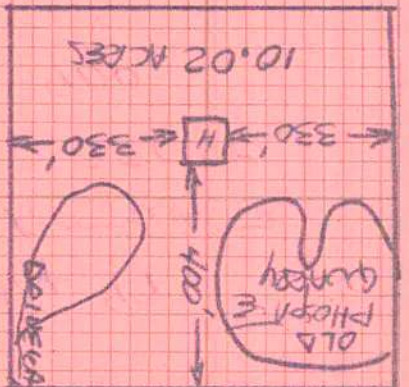
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

05-11436

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: THE SEPTIC TANK WAS INSTALLED TO SERVE A HOUSE THAT WAS BUILT AS PLANNED. THERE IS A SLIGHT SLOPE = 1:50 IN TO HAVE BEEN BUILT NORTH OF THE TANK. THIS WAS NOT SO FERT OF RVD - THAT FAVORS THE WASTE PIPE RUN.

Site Plan submitted by: _____
Signature _____
Title _____
Plan Approved _____
Not Approved _____
Date 11/14/36
County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Builder:

Permitting Office: Cummins

Permit Number: 23919

Jurisdiction Number: 200177

North

[illegible]

PASS

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:

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 284.

EnergyGauge® (Version: FLRCSB v4.0)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE										AS-BUILT																																																
GLASS TYPES										Type/SC																																																
.18 X Conditioned X BSPM = Points										Overhang																																																
Floor Area										Ornt Len Hgt Area X SPM X SOF = Points																																																
.18	1300.0	20.04	4689.4	Double, Clear	N	1.5	0.0	80.0	19.20	0.59	911.0	Double, Clear	N	1.5	0.0	80.0	19.20	0.59	1578.8	Double, Clear	E	1.5	7.0	40.0	42.06	0.94	347.3	Double, Clear	S	1.5	5.0	12.0	35.87	0.81	101.5	Double, Clear	N	1.5	4.0	6.0	19.20	0.88	566.9	Double, Clear	W	1.5	4.0	18.0	38.52	0.82	1466.9	Double, Clear	N	1.5	7.0	80.0	19.20	0.96
										As-Built Total:										236.0																																						
										Type																																																
Area X BSPM = Points										R-Value										Area X SPM = Points																																						
WALL TYPES																																																										
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	1216.0	1.50	1824.0	Type	Area X SPM = Points																																																
Exterior	1216.0	1.70	2067.2	As-Built Total:	1216.0										1824.0																																											
Base Total:										1216.0										1216.0																																						
Area X BSPM = Points										R-Value										Area X SPM X SCM = Points																																						
CEILING TYPES																																																										
Adjacent	0.0	0.00	0.0	Exterior Insulated	20.0	4.10	82.0	Type	Area X SPM X SCM = Points																																																	
Exterior	30.0	6.10	183.0	As-Built Total:	30.0										123.0																																											
Base Total:										30.0										123.0																																						
Area X BSPM = Points										R-Value										Area X SPM = Points																																						
FLOOR TYPES																																																										
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	30.0	1300.0	-1.50	-1950.0	Type	Area X SPM = Points																																																
Raised	1300.0	-3.99	-5187.0	As-Built Total:	1300.0										-1950.0																																											
Base Total:										-5187.0										-1950.0																																						
Area X BSPM = Points										R-Value										Area X SPM = Points																																						
INFILTRATION																																																										
Area X BSPM = Points																																																										

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE	AS-BUILT									
Summer Base Points: 17274.6	Summer As-Built Points: 20491.5									
Total Summer X System = Cooling Points	Total X Cap X Duct X System X Credit = Cooling Points	(System - Points) (DM x DSM x AHU)								
Points Multiplier	Points	Component Ratio	Multiplier	Multiplier	Multiplier	Multiplier	Multiplier	Multiplier	Multiplier	Points
0.4266	7369.3	20491.5	1.00	(1.09 x 1.147 x 0.91)	0.310	1.000	7233.5	1.000	7233.5	17274.6
(sys 1: Central Unit 26000 Btuh, SEER/EFF(11.0) Ducts:Unc(s),Unc(R),Int(AH),R6.0(NS)										

Residential Whole Building Performance Method A - Details

PERMIT #:

GLASS TYPES	Overhang	Type/SC
.18 X Conditioned X BWPM = Points Floor Area	Ornt Len Hgt Area X WPM X WOF = Points	

[illegible]

Under Attic	1300.0	2.05	2665.0	Under Attic	30.0	1300.0	2.05 X 1.00	2665.0
Base Total:	1300.0		2665.0	As-Built Total:		1300.0		2665.0

INFILTRATION Area X BWPM = Points	1300.0	-0.59	-767.0
Area X WPM = Points	1300.0	-0.59	-767.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE	AS-BUILT						
Winter Base Points:	10995.4	Winter As-Built Points:					
Total Winter X System = Heating Points		Total X Cap X Duct X System X Credit = Heating Points		Component Ratio	Multiplier	Multiplier	Multiplier
				(System - Points)			(DM x DSM x AHU)
10995.4	0.6274	12817.5	1.00	1.162	0.467	1.000	6958.4
(sys 1: Electric Heat Pump 26000 btuh , EFF(7.3) Ducts:Unc(s),Unc(R),Int(AH),R6.0 12817.5 1.000 (1.069 x 1.169 x 0.93) 0.467 1.000 6958.4							



PASS

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
7369		6898		2635		16903	

1	2635.00	2635.0	40.0	0.93	1	1.00	2606.67	1.00	2606.7	2606.7
WATER HEATING	Number of Bedrooms	X Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank X Ratio	Multiplier	X Credit	= Total
BASE					AS-BUILT					

ADDRESS: , , , PERMIT #:

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.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.	
Floors	606.1.ABC.1.2.2	EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. Penetrations/openings >1/8" sealed unless backed by truss or joint members.	
Ceilings	606.1.ABC.1.2.3	EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams. Between walls & ceilings; penetrations of ceiling plane of 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	606.1.ABC.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 rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors; dampers; combustion space heaters comply with NFPA, have combustion air.	

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	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%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610.	
HVAC Controls	607.1	Ducts in unconditioned attics: R-6 min. insulation. Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.9

Builder Signature: _____

Date: _____

City/FL Zip:

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.0)



NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

***THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.***

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.

Tax Parcel ID Number 05-75-16-04138-107

1. Description of property: (legal description of the property and street address or 911 address)

224 SW UNITE REMUS (LEN) - FORT WHITE FL 32038
COMM NE COR OF SW 1/4, LEN S 659.48 FT, W 663.88 FT FOR POB,
CMT W 663.88 FT, S 657.48 FT, E 663.88 FT, N 657.48 FT TO
POB. (AKA LOT 7 BEAR PACE ESTMS S/D UNITE)
OEB 855-1150, 855-2122
ADDITION TO EXISTING STRUCTURE

3. Owner Name & Address NORMAN L BIEGAUER 224 SW UNITE REMUS (LEN)
FORT WHITE FL 32038
Interest in Property OWNER/BUILDER

4. Name & Address of Fee Simple Owner (if other than owner):
OWNER/BUILDER
Inst: 2005029753 Date: 12/01/2005 Time: 14:28
DC, P. Dewitt Cason, Columbia County B: 1066 P: 1887

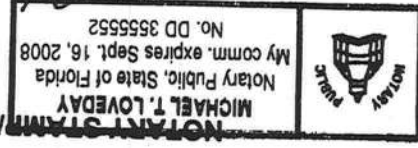
5. Contractor Name OWNER/BUILDER
Address N/A
6. Surety Holders Name N/A
Address
Amount of Bond
7. Lender Name WELLS FARGO FINANCIAL
Phone Number 800-373-5070
Address 4443 121ST ST URBANDALE, GA 30323

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name
Address
Phone Number 386-497-3822

9. In addition to himself/herself the owner designates N/A
of
(a) 7. Phone Number of the designee
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, unless a different date is specified) 31 DEC 06

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Signature of Owner



Signature of Notary

Sworn to (or affirmed) and subscribed before day of 26th Oct, 2005

Norman L. Biegner
224 SW Uncle Remus Glen
Fort White, Florida
32038

14 Nov 06

Re: Building Permit #000023919

Columbia County Building & Zoning Department
135 NE Hernando Avenue Suite B-21
Lake City, Florida 32055

Greetings:

I am writing to formally request an extension of my building permit that was issued
on - 01 Dec 05.

My good faith estimate is that I will complete the addition to my home on or before
01 Mar 06.

Sincerely,



Norman L. Biegner

Norman L. Biegner
224 SW Uncle Remus Glen
Fort White, Florida
32038

28 May 07

Re: Building Permit #000023919

Columbia County Building & Zoning Department
135 NE Hernando Avenue Suite B-21
Lake City, Florida 32055

Greetings:

I am writing to formally request a third extension of my building permit that was
issued on - 01 Dec 05.

My good faith estimate is that I will complete the addition to my home on or before
01 Sep 07.

Sincerely,


Norman L. Biegner

Norman L. Biegner
224 SW Uncle Remus Glen
Fort White, Florida
32038

24 Feb 07 Re: Building Permit #000023919

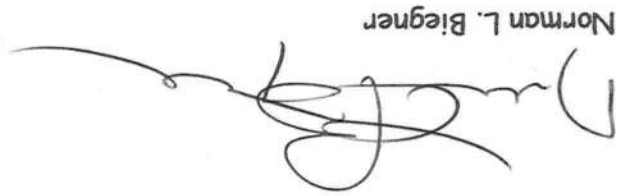
Columbia County Building & Zoning Department
135 NE Hernando Avenue Suite B-21
Lake City, Florida 32055

Greetings:

I am writing to formally request a second extension of my building permit that was
issued on - 01 Dec 05.

My good faith estimate is that I will complete the addition to my home on or before
01 Jun 07.

Sincerely,



Norman L. Biegner

COLUMBIA COUNTY BUILDING DEPARTMENT

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

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

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

- ☒ Applicant
☒ Plans Examiner
- All drawings must be clear, concise and drawn to scale ("Optional"
details that are not used shall be marked void or crossed off). Square
footage of different areas shall be shown on plans.
Designers name and signature on document (FBC 106.1). If licensed
architect or engineer, official seal shall be affixed.
- Site Plan including:
- a) Dimensions of lot
 - b) Dimensions of building set backs
 - c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
 - d) Provide a full legal description of property.
- Wind-load Engineering Summary, calculations and any details required
Plans or specifications must state compliance with FBC Section 1609.
The following information must be shown as per section 1603.1.4 FBC
- a. Basic wind speed (3-second gust), miles per hour (km/hr).
 - b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.
 - c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated.
 - d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient.
 - e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specially designed by the registered design professional.
- Elevations including:
- a) All sides
 - b) Roof pitch
 - c) Overhang dimensions and detail with attic ventilation

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

a) Masonry wall

Wall Sections including:

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

b) Conventional Framing Layout including:

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

a) Truss package including:

Roof System:

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

Foundation Plan including:

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

Floor Plan including:

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

5-1
Note

1. All materials making up wall	☐	☐
2. Size and species of studs	☐	☐
3. Sheathing size, type and nailing schedule	☐	☐
4. Headers sized	☐	☐
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail	☐	☐
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)	☐	☐
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)	☐	☐
8. Fire resistant construction (if applicable)	☐	☐
9. Fireproofing requirements	☐	☐
10. Show type of termite treatment (termiteicide or alternative method)	☐	☐
11. Slab on grade	☐	☐
a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed	☐	☐
b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports	☐	☐
12. Indicate where pressure treated wood will be placed	☐	☐
13. Provide insulation R value for the following:	☐	☐
a. Attic space	☐	☐
b. Exterior wall cavity	☐	☐
c. Crawl space (if applicable)	☐	☐
c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)	☐	☐
Floor Framing System:		
a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer	☐	☐
b) Floor joist size and spacing	☐	☐
c) Girder size and spacing	☐	☐
d) Attachment of joist to girder	☐	☐
e) Wind load requirements where applicable	☐	☐
Plumbing Fixture layout		
Electrical layout including:		
a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified	☐	☐
b) Ceiling fans	☐	☐
c) Smoke detectors	☐	☐
d) Service panel and sub-panel size and location(s)	☐	☐
e) Meter location with type of service entrance (overhead or underground)	☐	☐
f) Appliances and HVAC equipment	☐	☐
g) Arc Fault Circuits (AFCI) in bedrooms	☐	☐
h) Exhaust fans in bathroom	☐	☐
HVAC Information		
a) Energy Calculations (dimensions shall match plans)	☐	☐
b) Manual J sizing equipment or equivalent computation	☐	☐
c) Gas System Type (LP or Natural) Location and BTU demand of equipment	☐	☐
Disclosure Statement for Owner Builders	☐	☐
***Notice Of Commencement Required Before Any Inspections Will Be Done	☐	☐
Private Potable Water	☐	☐
a) Size of pump motor	☐	☐
b) Size of pressure tank	☐	☐
c) Cycle stop valve if used	☐	☐

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

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

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

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

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

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

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

PRODUCT APPROVAL SPECIFICATION SHEET

Location: Fort White FL Project Name: BIRMANEC ADDITION

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding	BETTER BUILT	6 FOOT SERIES 470HP	FL 561
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	BETTER BUILT	4x4 FOOT SERIES 740	FL 663
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block	PRISMATIC COMPANY	8"X8"X1/4" NOTCH INSIDE	FL-1363R2
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners	BUILD EX-TEKS	9 X 1 1/2" SCREW W/SHHEC	FL 2287.1
4. Non-structural Metal Rf	UNION	SV ROOFING METAL	
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles/shakes			
12. Roofing Slate			

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

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

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives - Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight	VELUX	MODEL 106 VS MARATH	FL 451
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE

COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR

AN APPOINTMENT TIME AND DATE:

YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE

TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY

EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

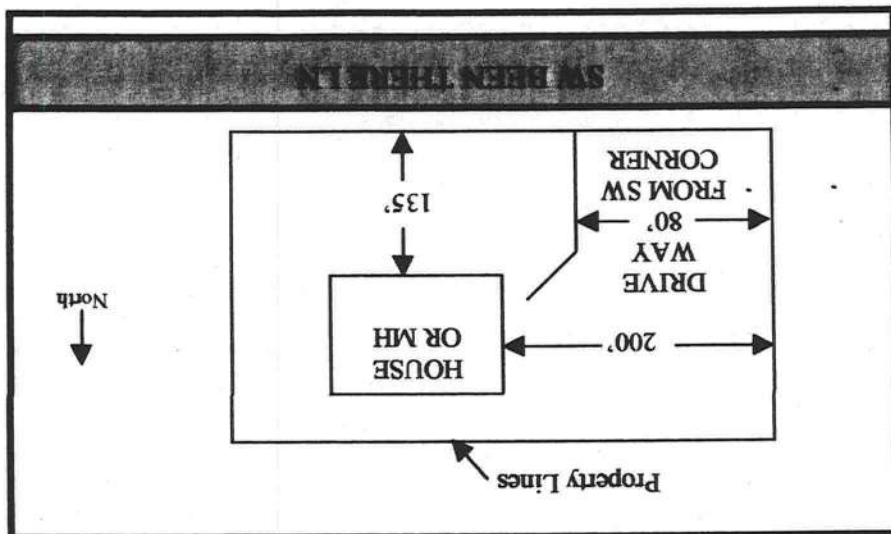
1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123") FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.

a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).

b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).

c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

Residential System Sizing Calculation

Summary

Project Title:
402182 Norman Biegner

Class 3 Rating
Registration No. 0
Climate: North

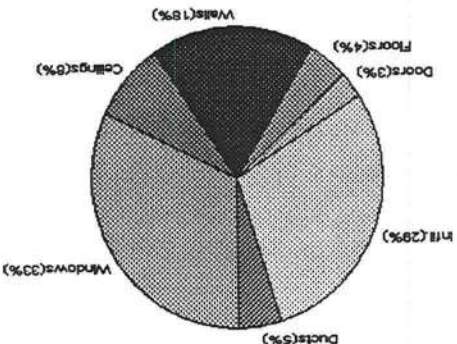
10/21/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation		Total cooling load calculation	
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	126.6 26000	Sensible (SHR = 0.75)	110.1 19500
Heat Pump + Auxiliary(0.0kW)	126.6 26000	Latent	139.0 6500
		Total (Electric Heat Pump)	116.1 26000

WINTER CALCULATIONS

Winter Heating Load (for 1300 sqft)

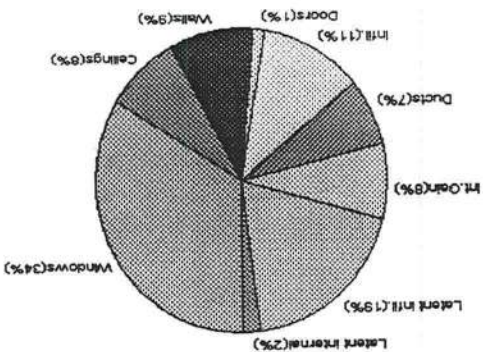
Load component		Load
Window total	236 sqft	6679 Btuh
Wall total	1216 sqft	3770 Btuh
Door total	30 sqft	550 Btuh
Ceiling total	1300 sqft	1690 Btuh
Floor total	1300 sqft	910 Btuh
Infiltration	139 cfm	5961 Btuh
Subtotal		19559 Btuh
Duct loss		978 Btuh
TOTAL HEAT LOSS		20537 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1300 sqft)

Load component		Load
Window total	236 sqft	7632 Btuh
Wall total	1216 sqft	2116 Btuh
Door total	30 sqft	304 Btuh
Ceiling total	1300 sqft	1846 Btuh
Floor total		0 Btuh
Infiltration	122 cfm	2407 Btuh
Internal gain		1800 Btuh
Subtotal(sensible)		16105 Btuh
Duct gain		1611 Btuh
Total sensible gain		17716 Btuh
Latent gain(infiltration)		4216 Btuh
Latent gain(internal)		460 Btuh
Total latent gain		4676 Btuh
TOTAL HEAT GAIN		22392 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: *[Signature]*
DATE: 10.21.05

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title: 402182 Norman Biegner
Class 3 Rating
Registration No. 0

Climate: North

10/21/2005

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

Window	2, Clear, Metal, DEF	N	80.0	28.3	2264 Btuh	Load
	2, Clear, Metal, DEF	E	40.0	28.3	1132 Btuh	
	2, Clear, Metal, DEF	S	12.0	28.3	340 Btuh	
	2, Clear, Metal, DEF	N	6.0	28.3	170 Btuh	
	2, Clear, Metal, DEF	W	18.0	28.3	509 Btuh	
	2, Clear, Metal, DEF	N	80.0	28.3	2264 Btuh	
Walls	1	Frame - Exterior	Area X	HTM=	3770 Btuh	Load
	1		1216	3.1	3770 Btuh	
Doors	2	Type Insulated - Exterior	Area X	HTM=	367 Btuh	Load
	1	Insulated - Exterior	20	18.3	183 Btuh	
			10	18.3	183 Btuh	
		Door Total	30		550 Btuh	
Ceilings	1	Type Under Attic	Area X	HTM=	1690 Btuh	Load
			1300	1.3	1690 Btuh	
		Ceiling Total	1300		1690 Btuh	
Floors	1	Type Raised Wood/Enclosed	Size X	HTM=	910 Btuh	Load
			1300.0 sqft	0.7	910 Btuh	
		Floor Total	1300		910 Btuh	
Infiltration		Type Natural	ACH X	CFM=	5961 Btuh	Load
			0.80	139	5961 Btuh	
		Mechanical	Building Volume		0 Btuh	
			10400(sqft)		0 Btuh	
		Infiltration Total		139	5961 Btuh	

Totals for Heating	Subtotal	19559 Btuh
	Duct Loss(using duct multiplier of 0.05)	978 Btuh
	Total Btuh Loss	20537 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 - Manual Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Residential Load - Component Details

Class 3 Rating
Registration No. 0
Climate: North

Summer Temperature Difference: 18.0 F

10/21/2005

Window		Type				Overhang	Window Area(sqft)		HTM	Load
1	2, Clear, DEF, N, N	N	1.5	0	80.0	0.0	80.0	22	22	1760 Btuh
2	2, Clear, DEF, N, N	E	1.5	7	40.0	3.6	36.4	72	22	2700 Btuh
3	2, Clear, DEF, N, N	S	1.5	5	12.0	12.0	0.0	37	22	264 Btuh
4	2, Clear, DEF, N, N	N	1.5	4	6.0	0.0	6.0	22	22	132 Btuh
5	2, Clear, DEF, N, N	W	1.5	4	18.0	5.6	12.4	72	22	1016 Btuh
6	2, Clear, DEF, N, N	N	1.5	7	80.0	0.0	80.0	22	22	1760 Btuh
Window Total				236						7632 Btuh
1	Type	R-Value	Area	HTM	Load					
	Type	Frame - Exterior	13.0	1216.0	1.7					
Wall Total										
1	Type	Insulated - Exterior	20.0	10.1	Load					
	Type	Insulated - Exterior	10.0	10.1	304 Btuh					
2	Door Total	R-Value	Area	HTM	Load					
	Type/Color	Under Attic/Dark	1300.0	1.4	1846 Btuh					
1	Ceiling Total	R-Value	Size	HTM	Load					
	Type	Raised Wood	1300.0 sqft	0.0	0 Btuh					
1	Floor Total	ACH	Volume	CFM=	Load					
	Type	Natural	10400	121.6	2407 Btuh					
Infiltration		Mechanical	Infiltration Total							

Internal gain	Occupants 2	Btu/h/occupant X 300	Appliance + 1200	Load 1800 Btu/h
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Totals for Cooling		Subtotal	16105 Btuh
Duct gain(using duct multiplier of 0.10)			1611 Btuh
Total sensible gain			17716 Btuh
Latent infiltration gain (for 51 gr. humidity difference)			4216 Btuh
Latent occupant gain (2 people @ 230 Btuh per person)			460 Btuh
Latent other gain			0 Btuh
TOTAL GAIN			22392 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-factor or UEF for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)