Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0701-24 Date Received 1/8 By JW Permit # 13101 25443

Application Approved by - Zoning Official BLK Date 1.01.07 Plans Examiner OK STH Date 1-19-07

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments SITE PLAN LAST PAGE OF PLANS, NOC

Applicants Name Bryan Zecher Construction Phone 752-8653

Address P.O. Box 815 Lake City, FL 32056

Owners Name James & Karen Lewis Phone

911 Address 423 SW Carl Wilson Rd Ft. White, FL 32038

Contractors Name Bryan Zecher Construction Phone 752-8653

Address P.O. Box 815 Lake City, FL 32056

Fee Simple Owner Name & Address –

Bonding Co. Name & Address –

Architect/Engineer Name & Address Teena Rutto / Mark Disaway

Mortgage Lenders Name & Address

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

Property ID Number 16-6S-17-09687-002 Estimated Cost of Construction #146,325.00

Subdivision Name N/A Lot ____ Block ____ Unit ____ Phase ____

Driving Directions Hwy 441 South to Tommy Lites St., turn right. Turn left onto SW Carl Wilson Rd. Job site is about 1/8 mile on the left.

Type of Construction Frame Number of Existing Dwellings on Property 0

Total Acreage 11.6 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 250 Side 40 Side 550 Rear 250

Total Building Height ____ Number of Stories 1 Heated Floor Area 1155 TOTAL 2234 Roof Pitch 6/12

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

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CBC054575

Competency Card Number

NOTARY STAMP/SEAL

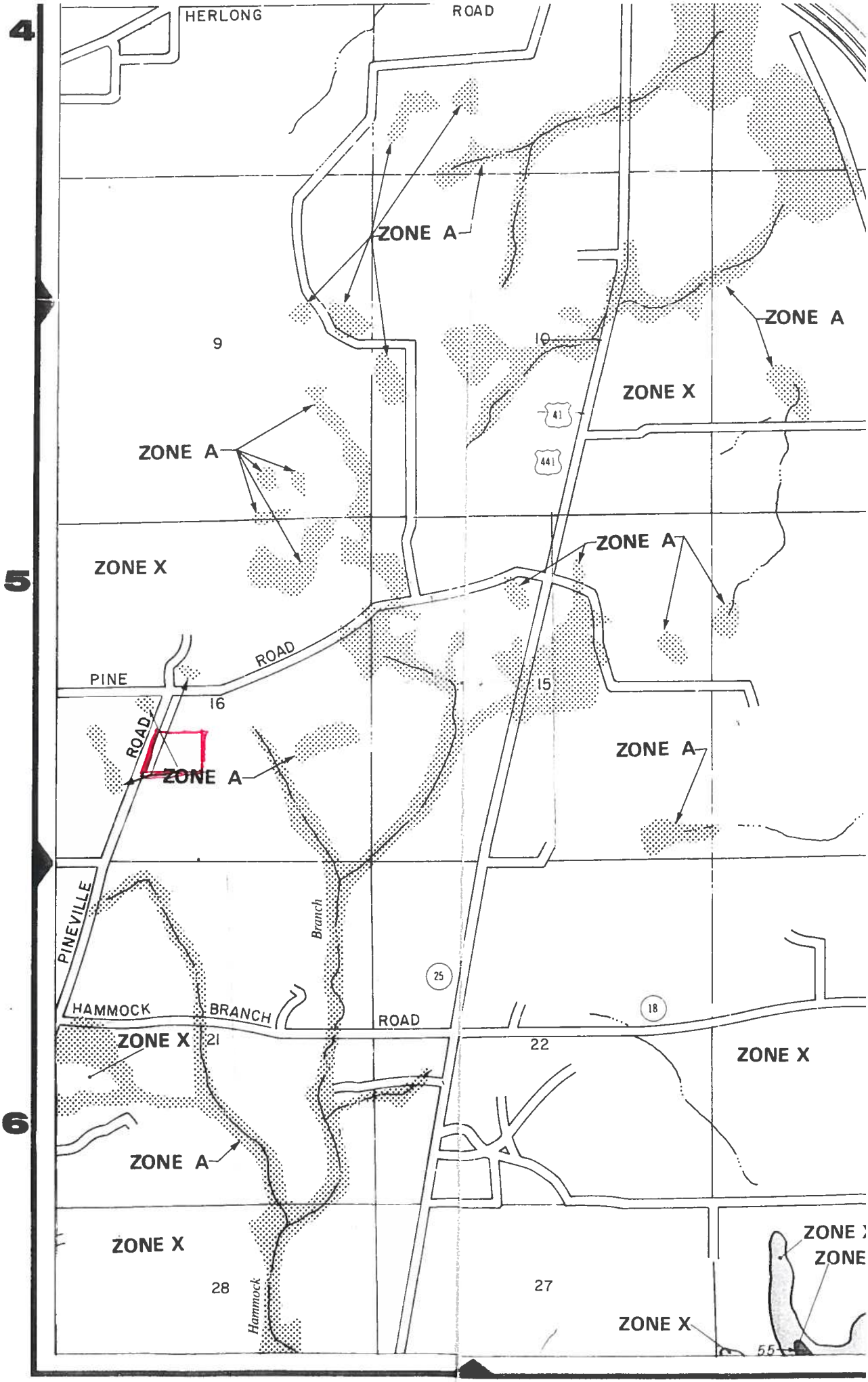
STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 8th day of January 20 07.

Personally known ✓ or Produced Identification ____

Notary Signature

REBECCA DUGAN
MY COMMISSION #DD452939
EXPIRES: JUL 20, 2009
Bonded through 1st State Insurance


HERLONG
ROAD
ZONE A
ZONE A
9
10
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41
441
ZONE A
ZONE X
ZONE A
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PINE
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16
15
ROAD
ZONE A
ZONE A
PINEVILLE
Branch
25
HAMMOCK
BRANCH
ROAD
18
ZONE X
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27
Hammock
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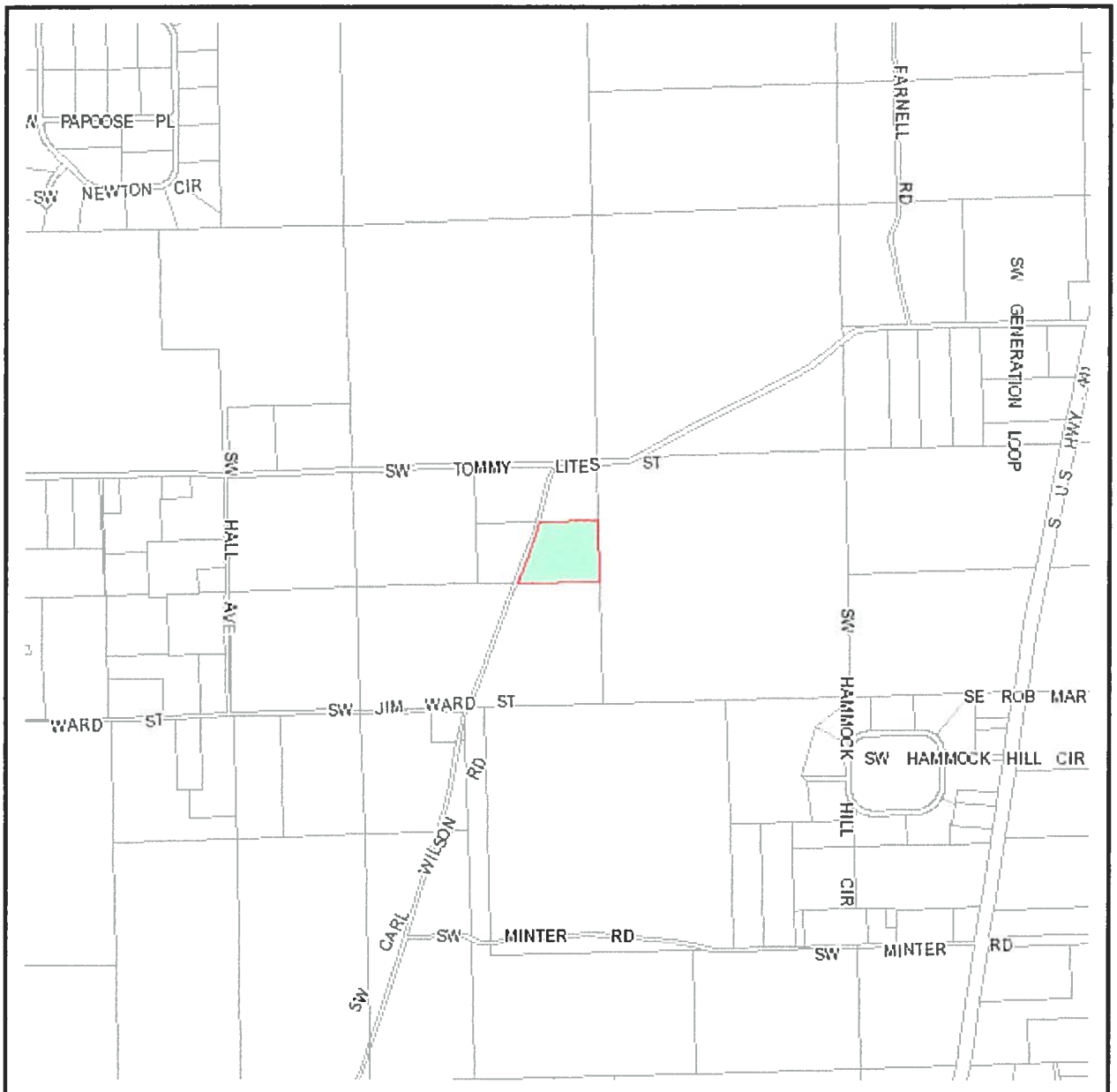
55

0701-26

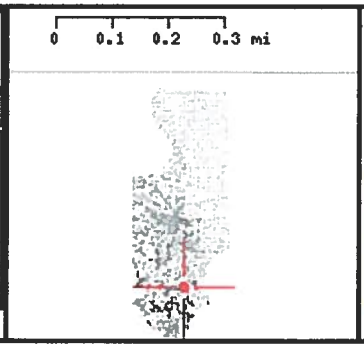


Columbia County Property Appraiser

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

PARCEL: 16-6S-17-09687-002 - IMPROVED A (005000)

Name:	HARRELL JAMES N JR &	LandVal	$0.00
Site:		BldgVal	$0.00
	KAREN HARRELL LEWIS	ApprVal	$2,528.00
Mail:	3521 S WOODRIDGE RD	JustVal	$74,240.00
	BIRMINGHAM, AL 35223	Assd	$2,528.00
Sales Info	9/14/2006 $100.00 V / U	Exmpt	$0.00
		Taxable	$2,528.00



This information, GIS Map Updated: 12/29/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF :

Inst:2007002069 Date:01/26/2007 Time:16:18
DC,P.DeWitt Cason,Columbia County B:1108 P:2769

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: 423 SW Carl Wilson Rd Ft White, FL 32038
2. General Description of Improvement: New Home
3. Owner Information:
   a. Name and Address: James / Karen Lewis 423 SW Carl Wilson Rd Ft White, FL 32038
   b. Interest in Property: Fee Simple
   c. Name and Address of Fee Simple Titleholder (if other than owner): —
4. Contractor (name and address): Bryan Zecher Construction, Inc PO Box 815 Lake City, FL 32056
5. Surety:
   a. Name and Address: —
   b. Amount of Bond: —
6. Lender (name and address): —
7. Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Florida Statutes 713.13(1)(a)(7): —
8. In addition to himself, owner designates: —
   to receive a copy of the Lienor's Notice as provided in Florida Statutes 713.13(1)(b).
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified): —

James D Lewis
Type Owner Name: JAMES N. LEWIS, JR.

Karen H Lewis
Type Owner Name: KAREN H. LEWIS

Sworn to and subscribed before me this 26th day of January, 20 07.

Personally Known ____
Produced ID ✓
Did/Did Not Take an Oath ____

Rebecca Dugan
Type Notary's Name Rebecca Dugan
Notary Public, State of Florida
Commission Expiry & Number: ____

REBECCA DUGAN
MY COMMISSION #DD452939
EXPIRES: JUL 20, 2009
Bonded through 1st State Insurance

25443

Recording prepared by:

and when recorded, please return this deed and tax statements to:

Orbra Harrell
1200 SW Tommey Lites
Ft White FL 32038

Inst:2006021983 Date:09/14/2006 Time:11:49
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1096 P:214

Above reserved for official use only

Grantee's SS No: James Lewis
Karen Lewis

Property Appraiser's Parcel ID # 15-6S-17-09676-000

GENERAL WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS THAT:

FOR A VALUABLE CONSIDERATION, in the amount of TEN AND NO/100 DOLLARS ($10.00) in hand and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned, Orbra Warthen Harrell & Agnes H. Harrell ("Grantor"), has GRANTED, SOLD and CONVEYED and by these presents does GRANT, BARGAIN, SELL and CONVEY to James N. Lewis, Jr. & Karen Harrell Lewis ("Grantee"), all right, title, interest and claim to the following real property in the County of Columbia, State of Florida with the following legal description:

S ½ of NE ¼ of SW¼ as lies East of Carl Wilson Road of Section 16. Township 6, Range 17E

TO HAVE AND TO HOLD all of Grantor's right, title and interest in and to the above described property unto the said Grantee, Grantee's heirs, administrators, executors, successors and/or assigns forever IN FEE SIMPLE; so that neither Grantor nor Grantor's heirs, administrators, executors, successors and/or assigns shall have, claim or demand any right or title to the aforesaid property, premises or appurtenances or any part thereof.

Grantor further WARRANTS and agrees to FOREVER DEFEND all and singular the said property unto the said Grantee, Grantee's heirs, executors, administrators, successors and/or assigns, against every person whomsoever claming or to claim the same or any part thereof.

EXECUTED this 14th day of September, 2006

Orbra W. Harrell

Agnes H. Harrell

(Signature of Grantors)

COPY

Grantee's Address:

3521 S. Woodridge Rd.
Birmingham, AL 35223

Grantors Address:

1200 SW Tommy Lites St.
Fort White, FL 32038

Signed in our presence:

Shakiera Merrick
(Witness Signature)
Print Name: Shakiera Merrick

Sharon Teagle
(Witness Signature)
Print Name: Sharon Teagle

State of FLORIDA)
)
County of Columbia) ss

The foregoing instrument was acknowledged before me on Sept. 14, 2006 by Debra L Agnes Harrell who is/are personally known by me or who has/have produced: FL DL as identification and who did not take an oath.

F. VONCILE DOW
MY COMMISSION # DD 154929
EXPIRES: October 3, 2006
Bonded Thru Notary Public Underwriters

F Voncile Dow
Signature of Notary Public

F Voncile Dow
Printed Name of Notary

My commission expires:
10-03-2006

F. VONCILE DOW
MY COMMISSION # DD 154929
EXPIRES: October 3, 2006
Bonded Thru Notary Public Underwriters

Inst:2006021983 Date:09/14/2006 Time:11:49
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1096 P:215

COPY

@ CAM112M01 CamaUSA Appraisal System Columbia County
1/08/2007 14:50 **Legal Description Maintenance** **Land 000**
Year T Property Sel **2528** **AG 001**
2007 R 16-6S-17-09687-002 **Bldg 000**
Xfea 000
HARRELL JAMES N JR & **2528** **TOTAL** **B***

1	S1/2 OF NE1/4 OF SW1/4 AS LIES E OF CARL WILSON RD	2
3	ORB 390-204,, WD 1096-2144	4
5		6
7		8
9		10
11		12
13		14
15		16
17		18
19		20
21		22
23		24
25		26
27		28

Mnt **9/22/2006 THRESA**

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No 2502-0525
(exp. 10/31/2005)

This form is completed by the licensed Pest Control Company

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

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil 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 Operator and builder, unless stated otherwise.

Section 1: General information (Treating Company information)

Company Name: **Florida Pest Control & Co.**

Company Address: **536 SE Baya Dr** City: **Lake City** State: **Fl** Zip **32025**

Company Business License No. **3460** Company Phone No. **386-752-1703**

FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name _____ Phone No. _____

Section 3: Property Information

Location of Structure (s) Treated (Street Address or Legal Description, City, State and Zip) _____

Type of Construction (More than one box may be checked) ☐ Slab ☐ Basement ☐ Crawl ☐ Other _____

Approximate Depth of Footing: Outside _____ Inside _____ Type of Fill _____

Section 4: Treatment Information

Date(s) of Treatment _____

Brand Name of Product(s) Used **Bora-Care**

EPA Registration No. **64405-1**

Approximate Final Mix Solution % **1.0**

Approximate Size of Treatment Area: Sq. ft. _____ Linear ft. _____ Linear ft. of Masonry Voids _____

Approximate Total Gallons of Solution Applied _____

Was treatment completed on exterior? ☐ Yes ☐ No

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) _____

Certification No. (if required by State law) _____

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

Authorized Signature _____ Date _____

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

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
904 NW Main Blvd.
LAKE CITY, FLORIDA 32055

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,

Donald D. Hall
DDH/jk

FORM 600A-2004 EnergyGauge® 4.1

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**701025ZecherBryan**	Builder:	Zecher
Address:		Permitting Office:	Columbia
City, State:	**, FL**	Permit Number:	25443
Owner:	**Lewis, Jim & Karen Residence**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	2	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	1155 ft²	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT) 7a.	Description Area (Dble Default) 138.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT) 7b.	(Clear) 138.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 136.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 1006.0 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1235.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 90.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit	Cap: 26.0 kBtu/hr SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 26.0 kBtu/hr HSPF: 7.90	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 40.0 gallons EF: 0.93	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.12

Total as-built points: 15349
Total base points: 17889

PASS

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

PREPARED BY: [signature]

DATE: 1-3-07

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: [signature]

DATE: 1/8/07

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 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1155.0	20.04	4166.3	Double, Clear	W	1.5	0.0	36.0	38.52	0.37	519.5	
				Double, Clear	E	6.4	7.5	72.0	42.06	0.55	1677.5	
				Double, Clear	S	1.5	0.0	30.0	35.87	0.43	464.8	
				As-Built Total:				**138.0**			**2661.8**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1006.0	1.50		1509.0	
Exterior	1006.0	1.70	1710.2									
Base Total:	**1006.0**		**1710.2**	**As-Built Total:**				**1006.0**			**1509.0**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				20.0	4.10		82.0	
Exterior	80.0	4.10	328.0	Exterior Insulated				60.0	4.10		246.0	
Base Total:	**80.0**		**328.0**	**As-Built Total:**				**80.0**			**328.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1155.0	1.73	1998.2	Under Attic			30.0	1235.0	1.73 X 1.00		2136.6	
Base Total:	**1155.0**		**1998.2**	**As-Built Total:**				**1235.0**			**2136.6**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	136.0(p)	-37.0	-5032.0	Slab-On-Grade Edge Insulation			0.0	136.0(p	-41.20		-5603.2	
Raised	0.0	0.00	0.0									
Base Total:			**-5032.0**	**As-Built Total:**				**136.0**			**-5603.2**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1155.0	10.21	11792.5					1155.0	10.21		11792.5	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 14963.2				**Summer As-Built Points:**						**12824.7**
Total Summer Points	X System Multiplier	= Cooling Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
				(sys 1: Central Unit 26000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)						
				12825	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	3830.6	
14963.2	**0.4266**	**6383.3**		**12824.7**	**1.00**	**1.138**	**0.263**	**1.000**	**3830.6**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1155.0	12.74	2648.6	Double, Clear	W	1.5	0.0	36.0	20.73	1.24	923.6	
				Double, Clear	E	6.4	7.5	72.0	18.79	1.25	1686.2	
				Double, Clear	S	1.5	0.0	30.0	13.30	3.66	1460.1	
				As-Built Total:				**138.0**			**4069.9**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1006.0	3.40		3420.4	
Exterior	1006.0	3.70	3722.2									
Base Total:	**1006.0**		**3722.2**	**As-Built Total:**				**1006.0**			**3420.4**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM	=	Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				20.0	8.40		168.0	
Exterior	80.0	8.40	672.0	Exterior Insulated				60.0	8.40		504.0	
Base Total:	**80.0**		**672.0**	**As-Built Total:**				**80.0**			**672.0**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	1155.0	2.05	2367.8	Under Attic			30.0	1235.0	2.05 X 1.00		2531.8	
Base Total:	**1155.0**		**2367.8**	**As-Built Total:**				**1235.0**			**2531.8**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points	
Slab	136.0(p)	8.9	1210.4	Slab-On-Grade Edge Insulation			0.0	136.0(p	18.80		2556.8	
Raised	0.0	0.00	0.0									
Base Total:			**1210.4**	**As-Built Total:**				**136.0**			**2556.8**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM	=	Points	
	1155.0	-0.59	-681.4					1155.0	-0.59		-681.4	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**9939.5**	**Winter As-Built Points:**					**12569.4**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 26000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			12569.4	1.000	(1.069 x 1.169 x 0.93)	0.432	1.000	6305.5
9939.5	**0.6274**	**6236.1**	**12569.4**	**1.00**	**1.162**	**0.432**	**1.000**	**6305.5**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL, PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
2		2635.00	5270.0	40.0	0.93	2		1.00	2606.67	1.00	5213.3
				As-Built Total:							**5213.3**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	Heating Points	Hot Water Points	Total Points	Cooling Points	Heating Points	Hot Water Points	Total Points
6383	**6236**	**5270**	**17889**	**3831**	**6305**	**5213**	**15349**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , **FL,** 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. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.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	606.1.ABC.1.2.3	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.	

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

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. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	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.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.9

The higher the score, the more efficient the home.

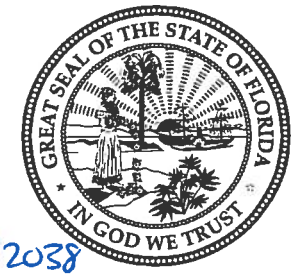
Lewis, Jim & Karen Residence, , , FL,

1.	New construction or existing	New	12.	Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 26.0 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 13.00
4.	Number of Bedrooms	2		b. N/A	
5.	Is this a worst case?	Yes			
6.	Conditioned floor area (ft²)	1155 ft²		c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)				
	a. U-factor:	Description Area	13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble Default) 138.0 ft²		a. Electric Heat Pump	Cap: 26.0 kBtu/hr
	b. SHGC:				HSPF: 7.90
	(or Clear or Tint DEFAULT) 7b.	(Clear) 138.0 ft²		b. N/A	
8.	Floor types				
	a. Slab-On-Grade Edge Insulation	R=0.0, 136.0(p) ft		c. N/A	
	b. N/A				
	c. N/A		14.	Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 40.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1006.0 ft²			EF: 0.93
	b. N/A			b. N/A	
	c. N/A				
	d. N/A			c. Conservation credits	
	e. N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1235.0 ft²	15.	HVAC credits	
	b. N/A			(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 90.0 ft		MZ-C-Multizone cooling,	
	b. N/A			MZ-H-Multizone heating)	

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: 1/8/07

Address of New Home: 423 SW Cat Walk City/FL Zip: ~~FC 32~~ Ft White FC 32038



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) 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 www.fsec.ucf.edu 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.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

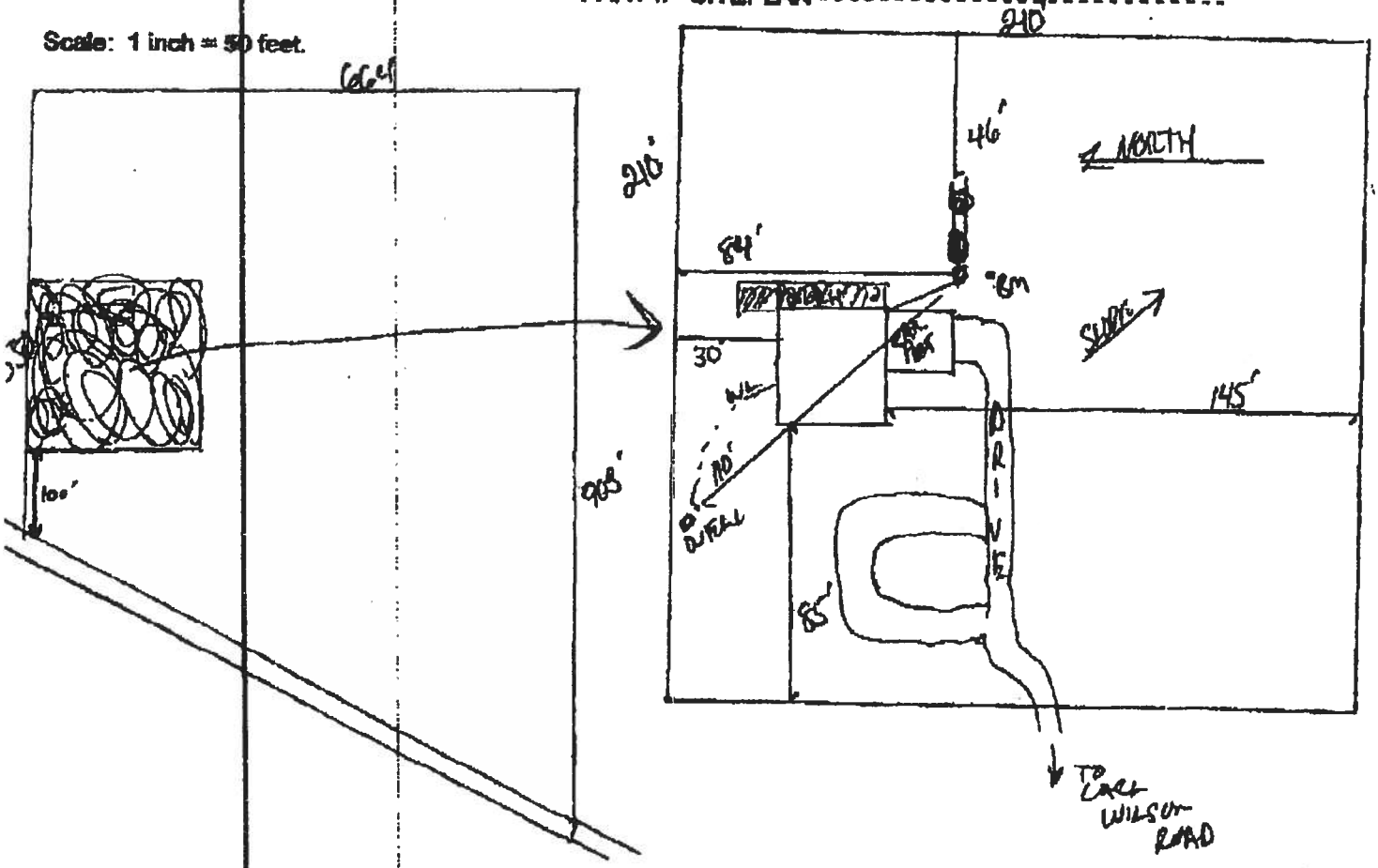
Lewis 0701-26

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

Permit Application Number 07-0007021

PART II - SITEPLAN

Scale: 1 inch = 50 feet.



Notes: 1 of 11.6 Acres

Site Plan submitted by: [signature]

Plan Approved APPROVED Not Approved

By [signature]

MASTER CONTRACTOR

Date 1/10/7

Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/98 (Replaces HRS-H Form 4016 which may be used)
(Stock Number: 5744-002-4015-6)

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001310

DATE 01/22/2007 PARCEL ID # 16-6S-17-09687-002

APPLICANT BECKY DUGAN PHONE 752-8653

ADDRESS P.O. BOX 815 LAKE CITY FL 32056

OWNER JAMES & KAREN LEWIS PHONE

ADDRESS 423 SW CARL WILSON RD FT. WHITE FL 32038

CONTRACTOR BRYAN ZECHER PHONE 752-8653

LOCATION OF PROPERTY 441S, TR ON TOMMY LITES ST, TL ON CARL WILSON RD, 2ND LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT

SIGNATURE Rebecca Dugan

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght 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

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION 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 FLORIDA

Project Information for:	L221634		
Builder:	BRYAN ZECHER	Date:	1/3/2007
Lot:	N/A	Start Number:	**1300**
Subdivision:	423 SW Carl Wilson Road	SEI Ref:	L221634
County or City:	COLUMBIA COUNTY		
Truss Page Count:	11		

Truss Design Load Information (UNO) Design Program: MiTek

Gravity		**Wind**		**Building Code:**	**FBC2004**
Roof (psf):	**42**	Wind Standard:	**ASCE 7-02**		
Floor (psf):	55	Wind Speed (mph):	**110**		

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

ZECHER, BRYAN C. CBC 054575
Address: PO BOX 815
LAKE CITY,FLORIDA 32056 Designer: 199

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987
Company: Structural Engineering and Inspections, Inc. EB 9196
Address 16105 N. Florida Ave, Ste B, Lutz, FL 33549 Phone: 813-849-5769

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for veritcal loads only, unless noted otherwise.
5. Where hangers are shown, Carried Member hanger capacity per Simpson C-2006 (SYP/Full Nailing Value) as an individual component. Building Designer shall verify the suitablity and use of Carrying Member hanger capacity.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	EJ6	0103071300	1/3/2007				
2	EJ6G	0103071301	1/3/2007				
3	EJ10	0103071302	1/3/2007				
4	EJ10G	0103071303	1/3/2007				
5	T01	0103071304	1/3/2007				
6	T01G	0103071305	1/3/2007				
7	T02	0103071306	1/3/2007				
8	T03	0103071307	1/3/2007				
9	T03G	0103071308	1/3/2007				
10	T04	0103071309	1/3/2007				
11	T04G	0103071310	1/3/2007				

JAN 0 3 2007

Dwg #0103071002

Licensee Details

Licensee Information

Name:	**ZECHER, BRYAN CHRISTIAN (Primary Name)** **BRYAN ZECHER CONSTRUCTION INC (DBA Name)**
Main Address:	**P O BOX 815** **LAKE CITY Florida 32056**
County:	**COLUMBIA**
License Mailing:	
LicenseLocation:	**465 NW ORANGE ST** **LAKE CITY FL 32055**
County:	**COLUMBIA**

License Information

License Type:	**Certified Building Contractor**
Rank:	**Cert Building**
License Number:	**CBC054575**
Status:	**Current,Active**
Licensure Date:	**12/05/1991**
Expires:	**08/31/2008**

Special Qualifications	Qualification Effective
Bldg Code Core Course Credit	
Qualified Business License Required	04/13/2004

View Related License Information

View License Complaint

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

LATERAL TOE-NAIL DETAIL

ST-TOENAIL

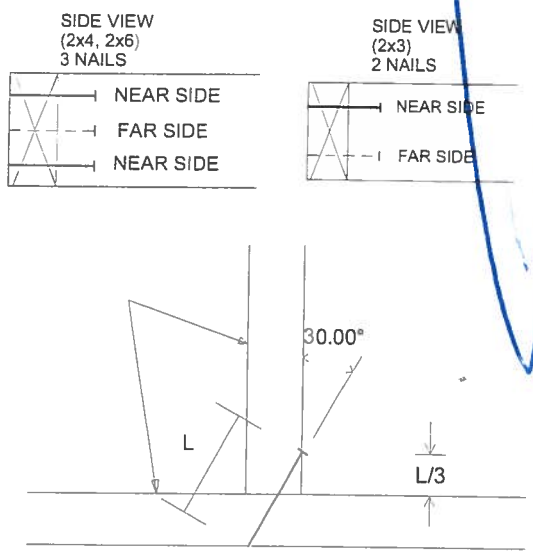
NOTES:
1. TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF 30 DEGREES WITH THE MEMBER AND STARTED 1/3 THE LENGTH OF THE NAIL FROM THE MEMBER END AS SHOWN.
2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.
3. ALLOWABLE VALUE SHALL BE THE LESSER VALUE OF THE BOTTOM CHORD SPECIES FOR MEMBERS OF DIFFERENT SPECIES.

TOE-NAIL SINGLE SHEAR VALUES PER NDS 2001 (lb/nail)

	DIAM.	SYP
3.5" LONG	.131	83.3
	.135	89.6
	.162	118.3
3.25" LONG	.128	80.5
	.131	83.3
	.148	102.1
3.0" LONG	.120	70.5
	.128	80.5
	.131	83.3
	.148	102.1

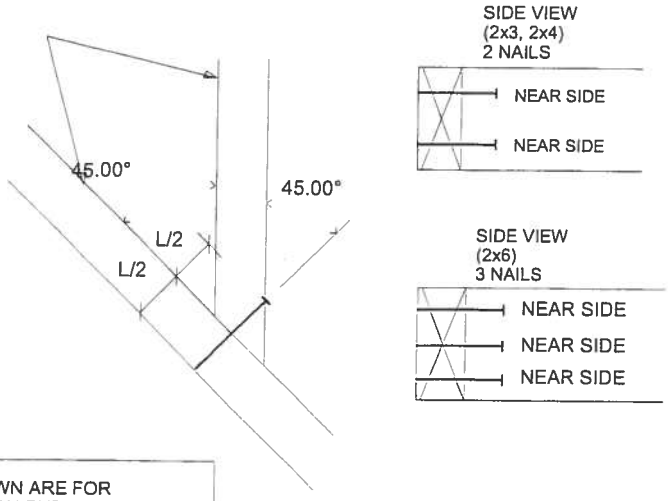
VALUES SHOWN ARE CAPACITY PER TOE-NAIL.
APPLICABLE DURATION OF LOAD INCREASES MAY BE APPLIED.

SQUARE CUT



45 DEGREE ANGLE BEVEL CUT

This detail may only be applied to Pre-engineered truss drawings signed and sealed by Structural Engineering and Inspections Inc.

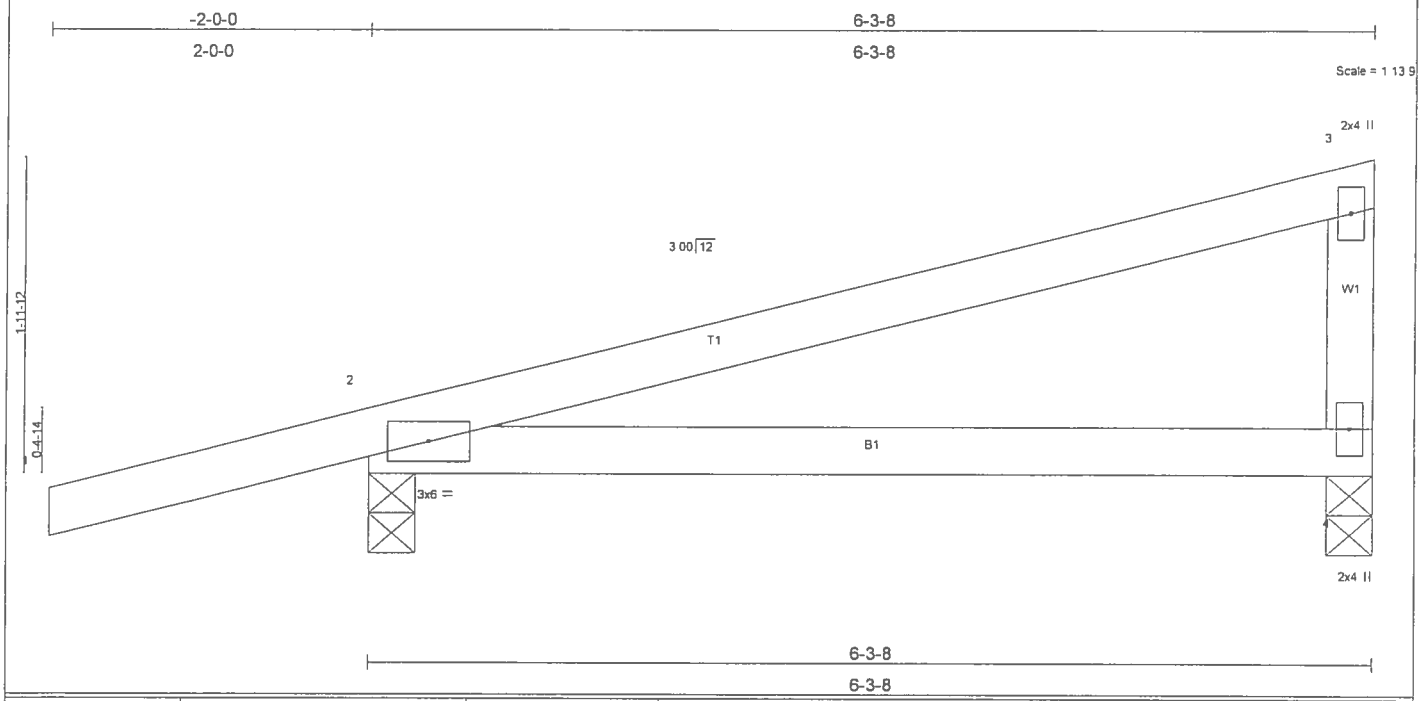


VIEWS SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY

Dwg.#0103071300

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	EJ6	MONO TRUSS	16	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:26 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	0.21	2-4	>340	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	0.18	2-4	>397	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

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

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

REACTIONS (lb/size) 2=389/0-3-8, 4=231/0-3-8
Max Horz 2=101(load case 3)
Max Uplift2=-303(load case 3), 4=-158(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-48/29
BOT CHORD 2-4=0/0
WEBS 3-4=-141/101

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 303 lb uplift at joint 2 and 158 lb uplift at joint 4.

LOAD CASE(S) Standard

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0103071301

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	EJ6G	GABLE	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:28 2006 Page 1

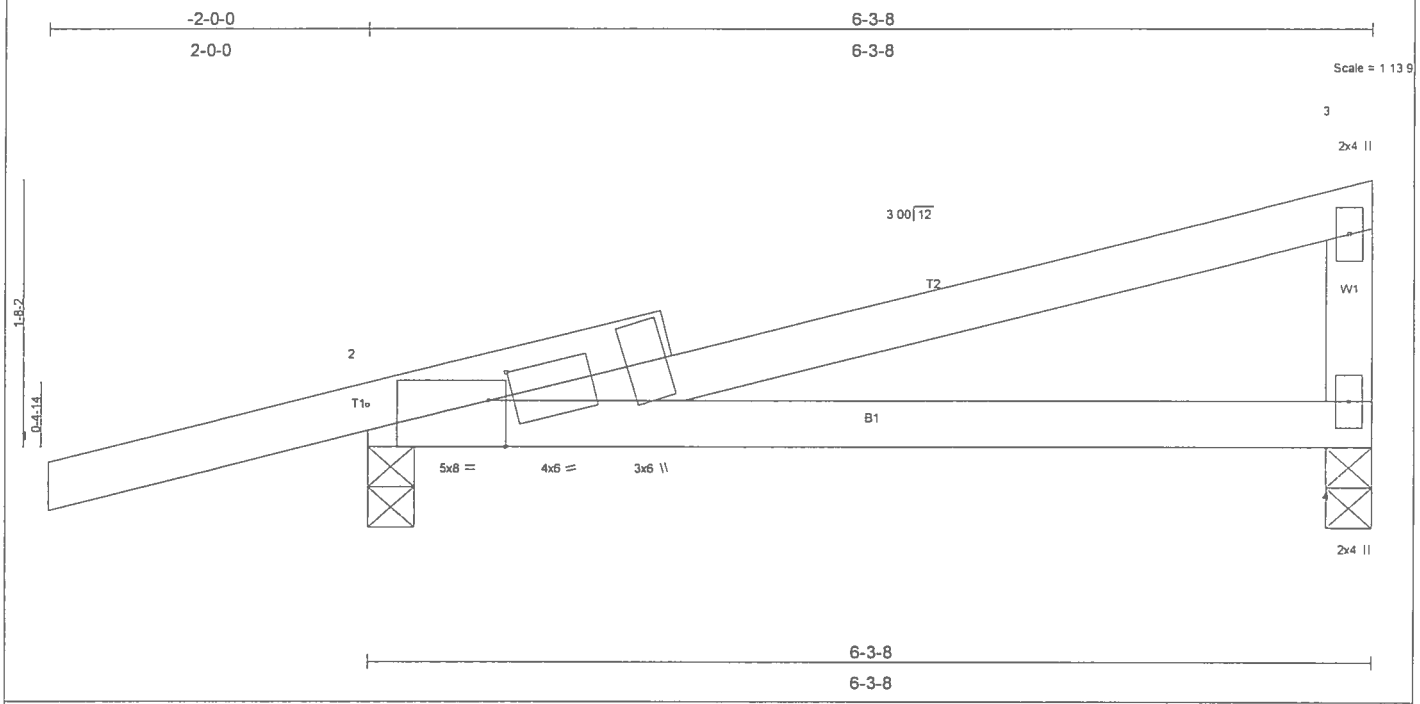


Plate Offsets (X,Y): [2:0-1-12,0-1-12], [2:0-1-4,Edge], [2:0-2-5,0-8-11]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	0.21	2-4	>340	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	0.18	2-4	>397	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 25 lb	

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

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

REACTIONS (lb/size) 2=444/0-3-8, 4=257/0-3-8
Max Horz 2=87(load case 3)
Max Uplift2=-344(load case 3), 4=-173(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2/25, 2-3=-47/28
BOT CHORD 2-4=0/0
WEBS 3-4=-167/193

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
3) Gable studs spaced at 2-0-0 oc.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 344 lb uplift at joint 2 and 173 lb uplift at joint 4.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

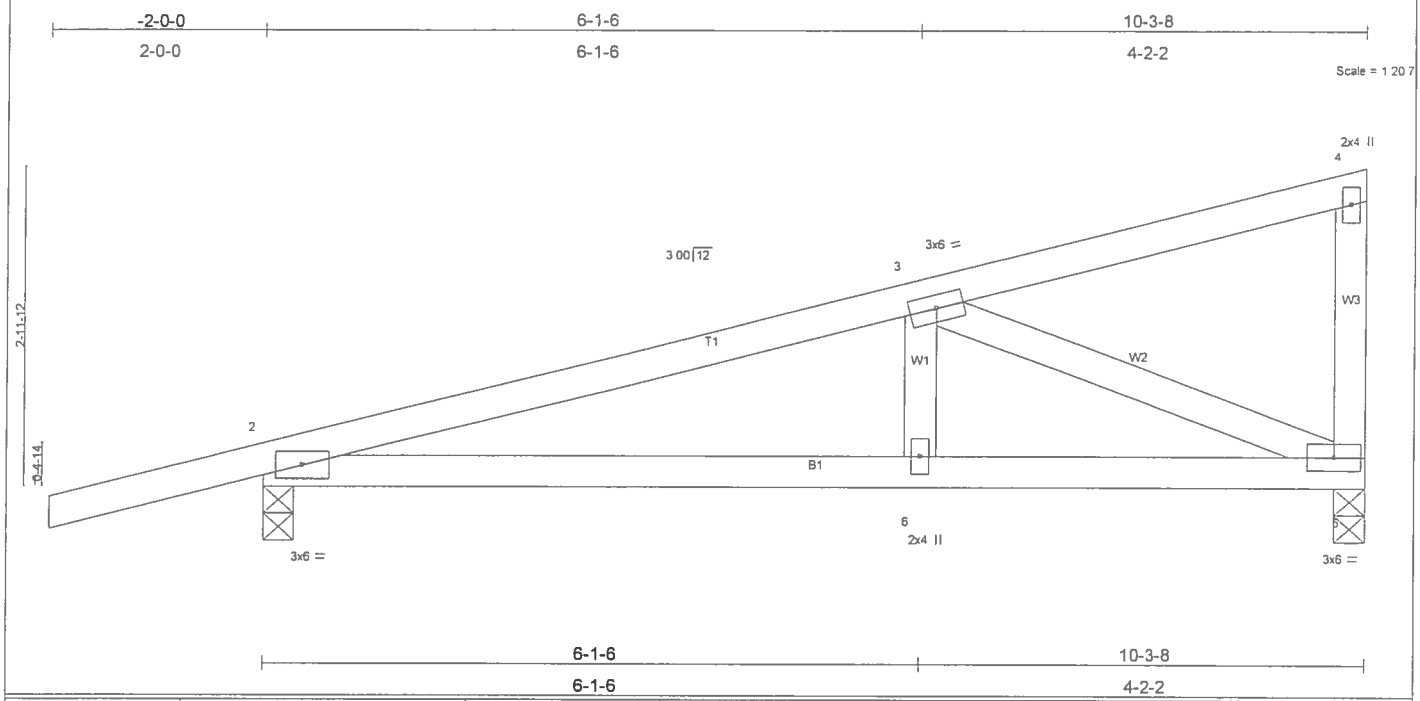
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-64(F=-10), 2-4=-30

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0103071302

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	EJ10	MONO TRUSS	16	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:23 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	0.10	2-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.09	2-6	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.25	Horz(TL)	-0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 46 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-11 oc bracing.

REACTIONS (lb/size) 5=408/0-3-8, 2=548/0-3-8
Max Horz 2=147(load case 3)
Max Uplift5=-287(load case 3), 2=-402(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-777/676, 3-4=-56/13, 4-5=-79/61
BOT CHORD 2-6=-716/709, 5-6=-716/709
WEBS 3-6=-295/169, 3-5=-741/745

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 287 lb uplift at joint 5 and 402 lb uplift at joint 2.

LOAD CASE(S) Standard

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0103071303

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	EJ10G	GABLE	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:25 2006 Page 1

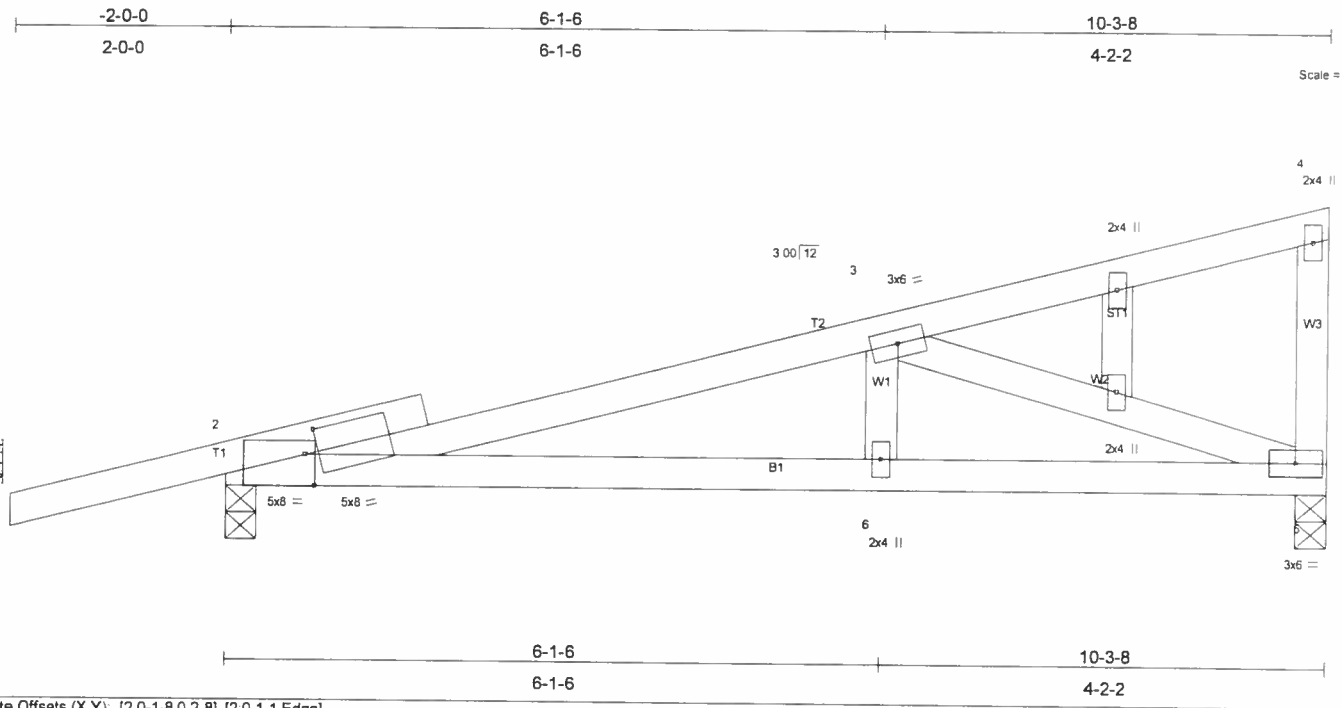


Plate Offsets (X,Y): [2:0-1-8,0-2-8], [2:0-1-1,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	0.15	2-6	>820	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	0.12	2-6	>993	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.32	Horz(TL)	-0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 48 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-10-15 oc purlins, except end verticals
BOT CHORD Rigid ceiling directly applied or 5-6-0 oc bracing

REACTIONS (lb/size) 2=622/0-3-8, 5=455/0-3-8
Max Horz 2=133(load case 3)
Max Uplift2=-455(load case 3), 5=-316(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2/25, 2-3=-1017/1152, 3-4=-74/25, 4-5=-97/102
BOT CHORD 2-6=-1221/952, 5-6=-1221/952
WEBS 3-6=-294/163, 3-5=-965/1237

NOTES
1) Wind: ASCE 7-02, 110mph (3-second gust), h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
3) Gable studs spaced at 2-0-0 oc.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 455 lb uplift at joint 2 and 316 lb uplift at joint 5.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-64(F=-10), 2-5=-30

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

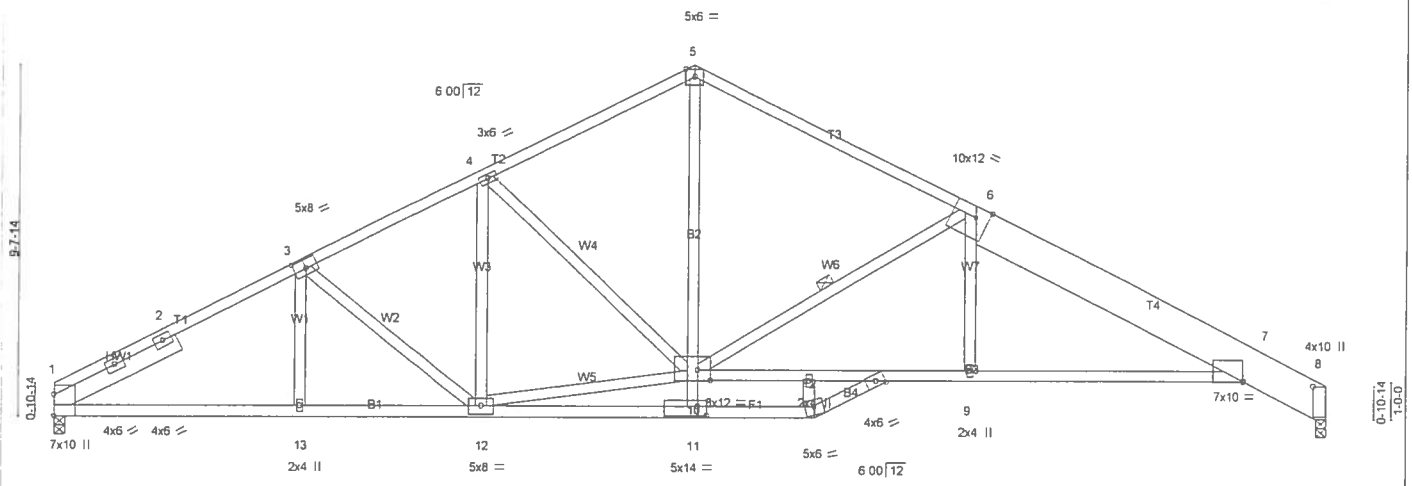
Dwg.#0103071304

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	T01	SPECIAL	7	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:30 2006 Page 1

6-8-15	11-8-9	17-6-0	25-1-4	35-0-0
6-8-15	4-11-9	5-9-7	7-7-4	9-10-12

Scale = 1:60.8
Camber = 3/16 in



6-8-15	11-9-3	17-7-12	25-1-4	32-8-2	35-0-0
6-8-15	5-0-3	5-10-9	7-5-8	7-6-14	2-3-14

Plate Offsets (X,Y): [3.0-4-0,0-3-0], [6.0-4-4,Edge], [7:0-1-9,1-11-11], [7:0-0-4,0-0-2], [10:0-4-4,Edge], [11.0-2-15,0-2-14]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.81	Vert(LL)	-0.27	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.65	Vert(TL)	-0.44	9-10	>941	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.55	Horz(TL)	0.19	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 239 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except*
T4 2 X 12 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3
SLIDER Left 2 X 6 SYP No.1D 3-9-13

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-2 oc purlins
BOT CHORD Rigid ceiling directly applied or 7-6-6 oc bracing.
WEBS 1 Row at midpt 6-10

REACTIONS (lb/size) 1=1463/0-3-8, 8=1423/0-3-8
Max Horz 1=141(load case 5)
Max Uplift1=-475(load case 5), 8=-473(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2419/749, 2-3=-2323/769, 3-4=-2039/712, 4-5=-1799/641, 5-6=-1865/658, 6-7=-2732/835, 7-8=-426/153
BOT CHORD 1-13=-695/2014, 12-13=-695/2014, 11-12=-46/94, 10-11=0/96, 5-10=-374/1226, 9-10=-645/2478, 7-9=-646/2469
WEBS 3-13=0/161, 3-12=-317/211, 4-12=-10/105, 10-12=-495/1724, 4-10=-410/257, 6-10=-1045/500, 6-9=0/259

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 475 lb uplift at joint 1 and 473 lb uplift at joint 8.

LOAD CASE(S) Standard

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THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0103071305

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	T01G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc Fri Dec 29 15:10:32 2006 Page 1

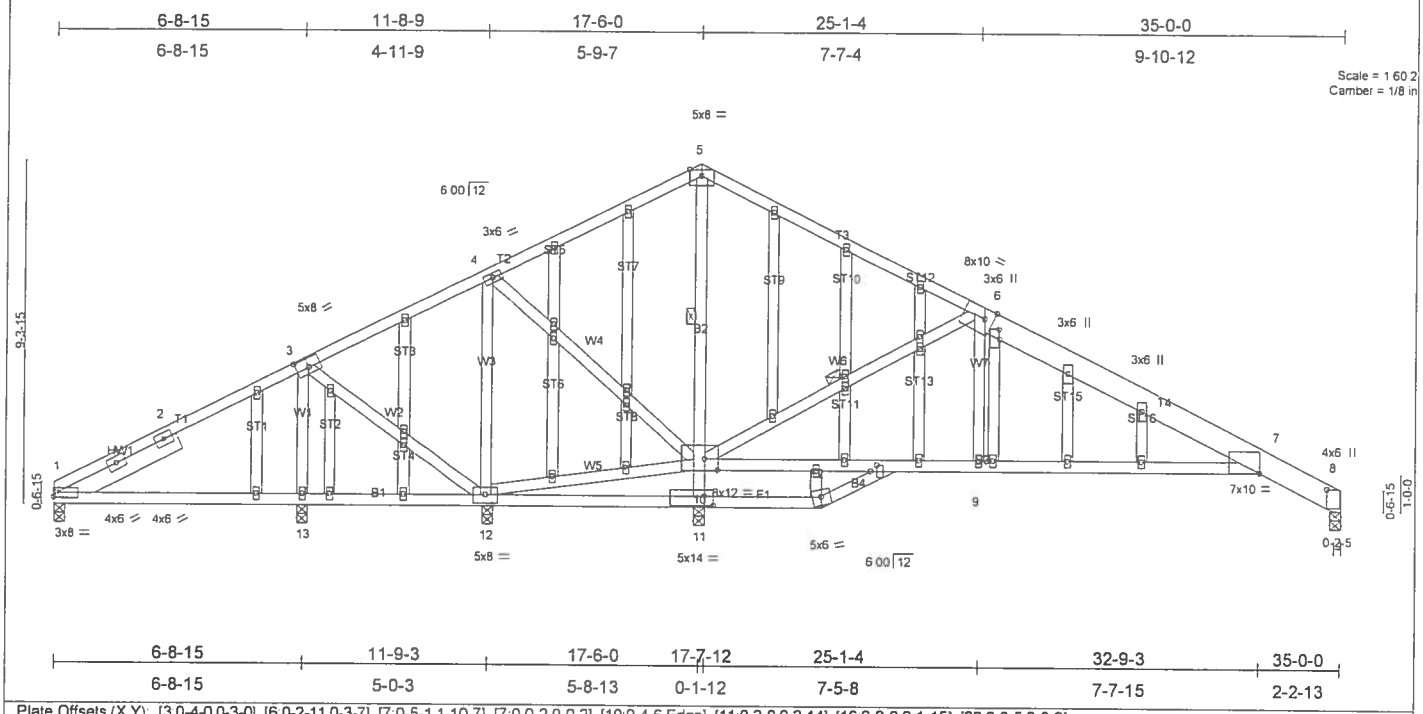


Plate Offsets (X,Y): [3:0-4-0,0-3-0], [6:0-2-11,0-3-7], [7:0-5-1,1-10-7], [7:0-0-2,0-0-2], [10:0-4-6,Edge], [11:0-3-0,0-2-14], [16:0-2-0,0-1-15], [39:0-3-5,0-0-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.74	Vert(LL)	-0.15	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.24	7-9	>860	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.58	Horz(TL)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight 285 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except*
T4 2 X 8 SYP 2400F 2.0E
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3
SLIDER Left 2 X 6 SYP No.1D 3-7-3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 5-10
WEBS 1 Row at midpt 6-10

REACTIONS (lb/size) 1=321/0-3-8, 11=2216/0-3-8, 13=-13/0-3-8, 12=318/0-3-8, 8=381/0-3-8
Max Horz 1=133(load case 4)
Max Uplift1=-154(load case 5), 11=-774(load case 6), 13=-120(load case 10), 12=-171(load case 5), 8=-152(load case 6)
Max Grav 1=378(load case 9), 11=2216(load case 1), 13=128(load case 9), 12=399(load case 9), 8=381(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-310/175, 2-3=-230/182, 3-4=-69/546, 4-5=-260/1003, 5-6=-276/1023, 6-7=-81/129, 7-8=-135/75
BOT CHORD 1-13=-160/210, 12-13=-160/210, 11-12=-53/0, 10-11=-2130/1000, 5-10=-1259/560, 9-10=0/108, 7-9=0/106
WEBS 3-13=-104/305, 3-12=-632/461, 4-12=-145/410, 10-12=-438/328, 4-10=-556/393, 6-10=-987/548, 6-9=0/251.

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 154 lb uplift at joint 1, 774 lb uplift at joint 11, 120 lb uplift at joint 13, 171 lb uplift at joint 12 and 152 lb uplift at joint 8.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

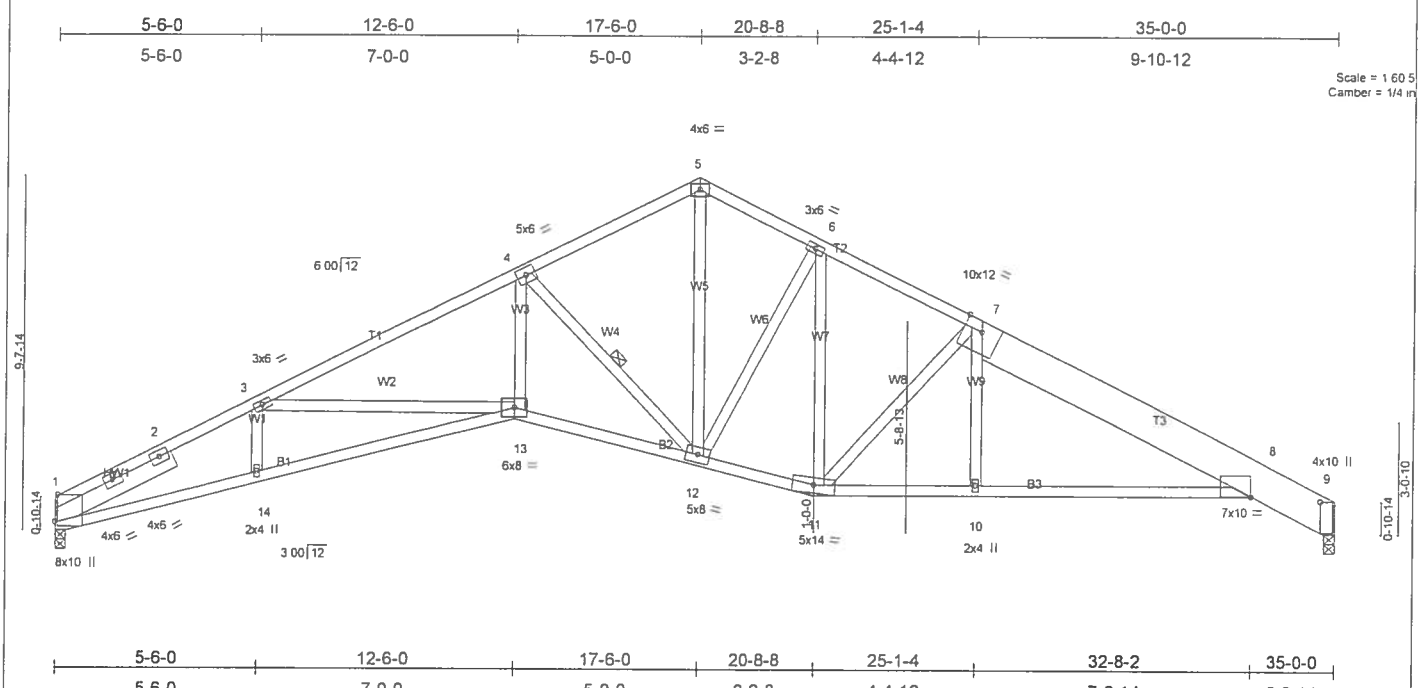
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-64(F=-10), 5-7=-64(F=-10), 7-8=-75(F=-10), 1-11=-30, 7-10=-30

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0103071306

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	T02	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:34 2006 Page 1



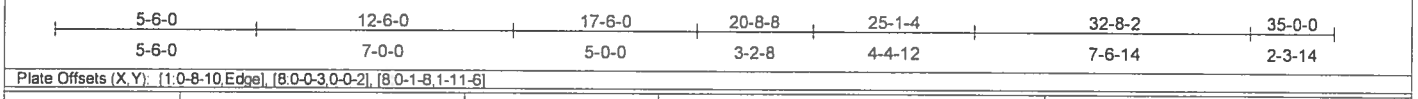


Plate Offsets (X,Y): [1:0-8-10,Edge], [8:0-0-3,0-0-2], [8:0-1-8,1-11-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.97	Vert(LL)	-0.43	13-14	>981	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.69	13-14	>607	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.40	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight 228 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.1D *Except*
T2 2 X 4 SYP No.2, T3 2 X 12 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B1 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3
SLIDER Left 2 X 6 SYP No.1D 3-7-13

BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 6-1-6 oc bracing
WEBS 1 Row at midpt 4-12

REACTIONS (lb/size) 1=1460/0-3-8, 9=1420/0-3-8
Max Horz 1=143(load case 5)
Max Uplift1=-473(load case 5), 9=-472(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3878/1277, 2-3=-3781/1290, 3-4=-3504/1115, 4-5=-1971/697, 5-6=-1933/710, 6-7=-2140/726, 7-8=-2684/803, 8-9=-425/152
BOT CHORD 1-14=-1187/3342, 13-14=-1192/3357, 12-13=-926/3207, 11-12=-438/1897, 10-11=-607/2427, 8-10=-608/2420
WEBS 3-14=0/175, 3-13=-269/257, 4-13=-477/1760, 4-12=-2026/766, 5-12=-512/1503, 6-12=-347/269, 6-11=-142/256, 7-11=-833/368, 7-10=0/218

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 473 lb uplift at joint 1 and 472 lb uplift at joint 9.

LOAD CASE(S) Standard

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0103071307

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	T03	SPECIAL	7	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:36 2006 Page 1

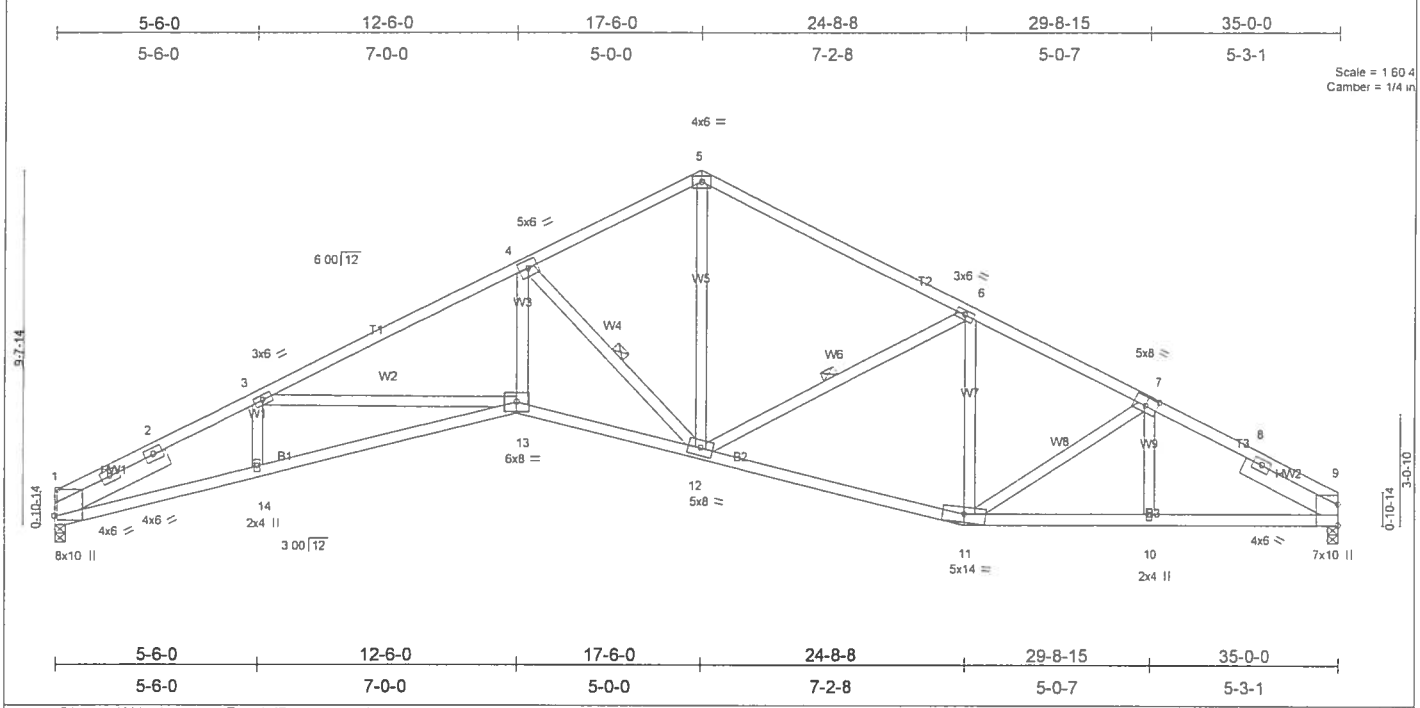


Plate Offsets (X,Y): [1:0-8-10,Edge], [7:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.95	Vert(LL)	-0.41	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.82	Vert(TL)	-0.67	13-14	>627	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.33	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 199 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except*
T1 2 X 4 SYP No.1D
BOT CHORD 2 X 4 SYP No.1D *Except*
B3 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W2 2 X 4 SYP No.2
SLIDER Left 2 X 6 SYP No.1D 3-5-10, Right 2 X 6 SYP No.1D 2-11-13

BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 6-1-11 oc bracing.
WEBS 1 Row at midpt 4-12, 6-12

REACTIONS (lb/size) 1=1467/0-3-8, 9=1467/0-3-8
Max Horz 1=137(load case 4)
Max Uplift1=-475(load case 5), 9=-475(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3886/1271, 2-3=-3796/1285, 3-4=-3525/1111, 4-5=-2004/699, 5-6=-2033/695, 6-7=-2166/739, 7-8=-2338/771, 8-9=-2416/760
BOT CHORD 1-14=-1173/3351, 13-14=-1178/3368, 12-13=-912/3222, 11-12=-479/2001, 10-11=-568/2003, 9-10=-568/2005
WEBS 3-14=0/171, 3-13=-258/258, 4-13=-476/1755, 4-12=-1995/746, 5-12=-446/1423, 6-12=-312/281, 6-11=-215/126, 7-11=-144/127, 7-10=0/104

NOTES
1) Unbalanced roof live loads have been considered for this design
2) Wind: ASCE 7-02; 110mph (3-second gust), h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II, Exp B, enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 475 lb uplift at joint 1 and 475 lb uplift at joint 9.

LOAD CASE(S) Standard

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0103071308

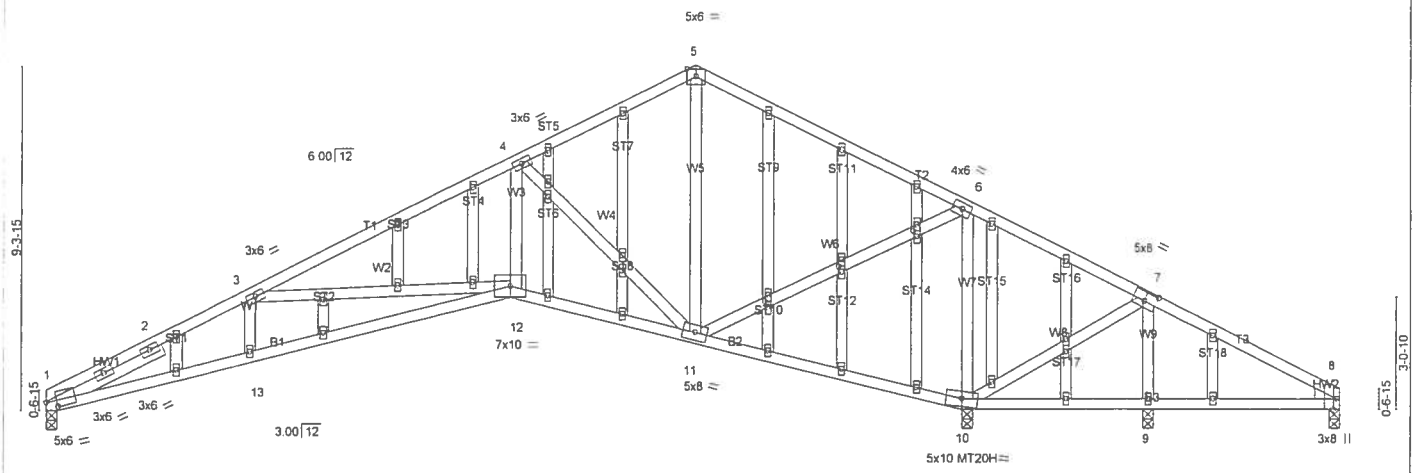
Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	T03G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6 300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15 10 39 2006 Page 1

5-6-0 | 12-6-0 | 17-6-0 | 24-8-8 | 29-8-15 | 35-0-0

5-6-0 | 7-0-0 | 5-0-0 | 7-2-8 | 5-0-7 | 5-3-1

Scale = 1 59 9
Camber = 1/8 in



5-6-0 | 12-6-0 | 17-6-0 | 24-8-8 | 29-8-15 | 35-0-0

5-6-0 | 7-0-0 | 5-0-0 | 7-2-8 | 5-0-7 | 5-3-1

Plate Offsets (X,Y) [1 0-3-7,0-2-4], [7 0-4-0,0-3-0], [8 0-3-8,Edge], [30 0-1-12,0-1-0], [33 0-1-12,0-1-0], [36 0-1-12,0-1-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20 0	Plates Increase 1.25	TC 0 83	Vert(LL) -0.21 12-13 >999 240	MT20 244/190
TCDL 7 0	Lumber Increase 1.25	BC 0.54	Vert(TL) -0.35 12-13 >856 180	MT20H 187/143
BCLL 10.0	Rep Stress Incr NO	WB 0.98	Horz(TL) 0.14 10 n/a n/a	
BCDL 5 0	Code FBC2004/TPI2002	(Matrix)		Weight 250 lb

LUMBER
TOP CHORD 2 X 4 SYP No 2
BOT CHORD 2 X 4 SYP No 2
WEBS 2 X 4 SYP No 3
OTHERS 2 X 4 SYP No 3
WEDGE
Right 2 X 4 SYP No 3
SLIDER Left 2 X 4 SYP No 3 3-5-10

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-2 oc purlins
BOT CHORD Rigid ceiling directly applied or 5-0-1 oc bracing

REACTIONS (lb/size) 1=839/0-3-8, 10=2930/0-3-8, 8=-97/0-3-8, 9=-403/0-3-8
Max Horz 1=133(load case 4)
Max Uplift1=-286(load case 5), 10=-976(load case 5), 8=-184(load case 9), 9=-551(load case 9)
Max Grav 1=839(load case 1), 10=2930(load case 1), 8=61(load case 5), 9=210(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2316/976, 2-3=-2231/988, 3-4=-1177/462, 4-5=-173/211, 5-6=-247/180, 6-7=-529/1616, 7-8=-221/692
BOT CHORD 1-13=-813/2046, 12-13=-817/2050, 11-12=-235/1014, 10-11=-1497/720, 9-10=-539/263, 8-9=-528/261
WEBS 3-13=0/198, 3-12=-1003/625, 4-12=-212/901, 4-11=-1229/528, 5-11=-291/114, 6-11=-534/1682, 6-10=-1883/852, 7-10=-973/472, 7-9=-195/701

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=3 0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 1, 976 lb uplift at joint 10, 184 lb uplift at joint 8 and 551 lb uplift at joint 9.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-64(F=-10), 5-8=-64(F=-10), 1-12=-30, 10-12=-30, 8-10=-30

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

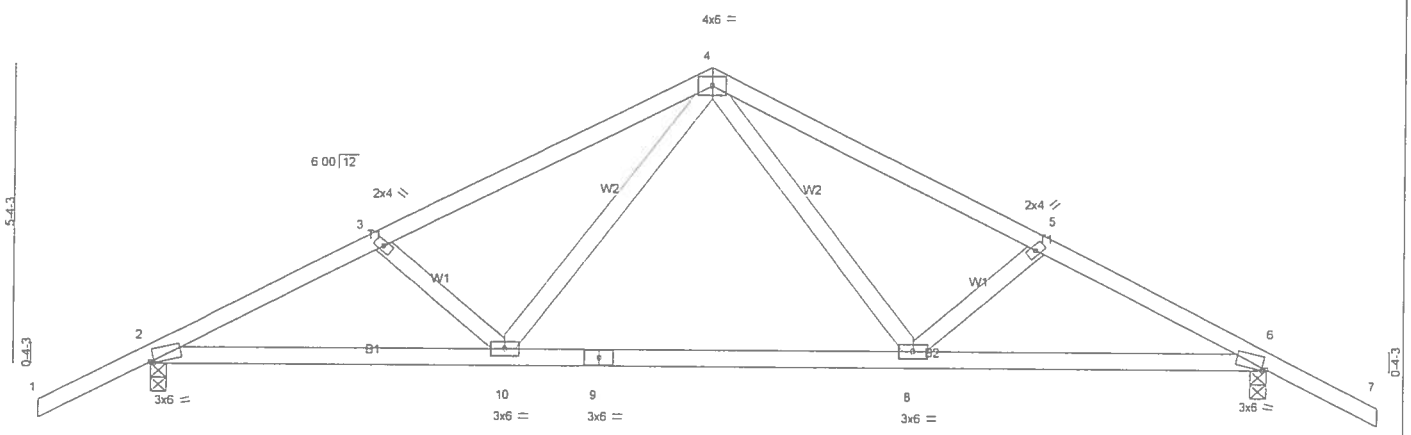
Dwg.#0103071309

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	T04	COMMON	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:40 2006 Page 1

-2-0-0 | 4-2-2 | 10-0-0 | 15-9-14 | 20-0-0 | 22-0-0
2-0-0 | 4-2-2 | 5-9-14 | 5-9-14 | 4-2-2 | 2-0-0

Scale = 1:39.7
Camber = 1/16 in



6-4-1 | 13-7-15 | 20-0-0
6-4-1 | 7-3-15 | 6-4-1

Plate Offsets (X,Y): [2:0-0-13,Edge], [6:0-0-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.21	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.17	8-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code	FBC2004/TPI2002	(Matrix)							Weight: 96 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-2-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-3-14 oc bracing.

REACTIONS (lb/size) 2=944/0-3-8, 6=944/0-3-8
Max Horz 2=-108(load case 6)
Max Uplift2=-642(load case 5), 6=-642(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1431/1213, 3-4=-1255/1188, 4-5=-1255/1188, 5-6=-1431/1213, 6-7=0/47
BOT CHORD 2-10=-950/1227, 9-10=-536/805, 8-9=-536/805, 6-8=-950/1227
WEBS 3-10=-248/212, 4-10=-536/459, 4-8=-536/459, 5-8=-248/212

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02, 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 642 lb uplift at joint 2 and 642 lb uplift at joint 6.

LOAD CASE(S) Standard

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0103071310

Job	Truss	Truss Type	Qty	Ply	ZECHER - JIM & KAREN LEWIS
L221634	T04G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 29 15:10:43 2006 Page 1

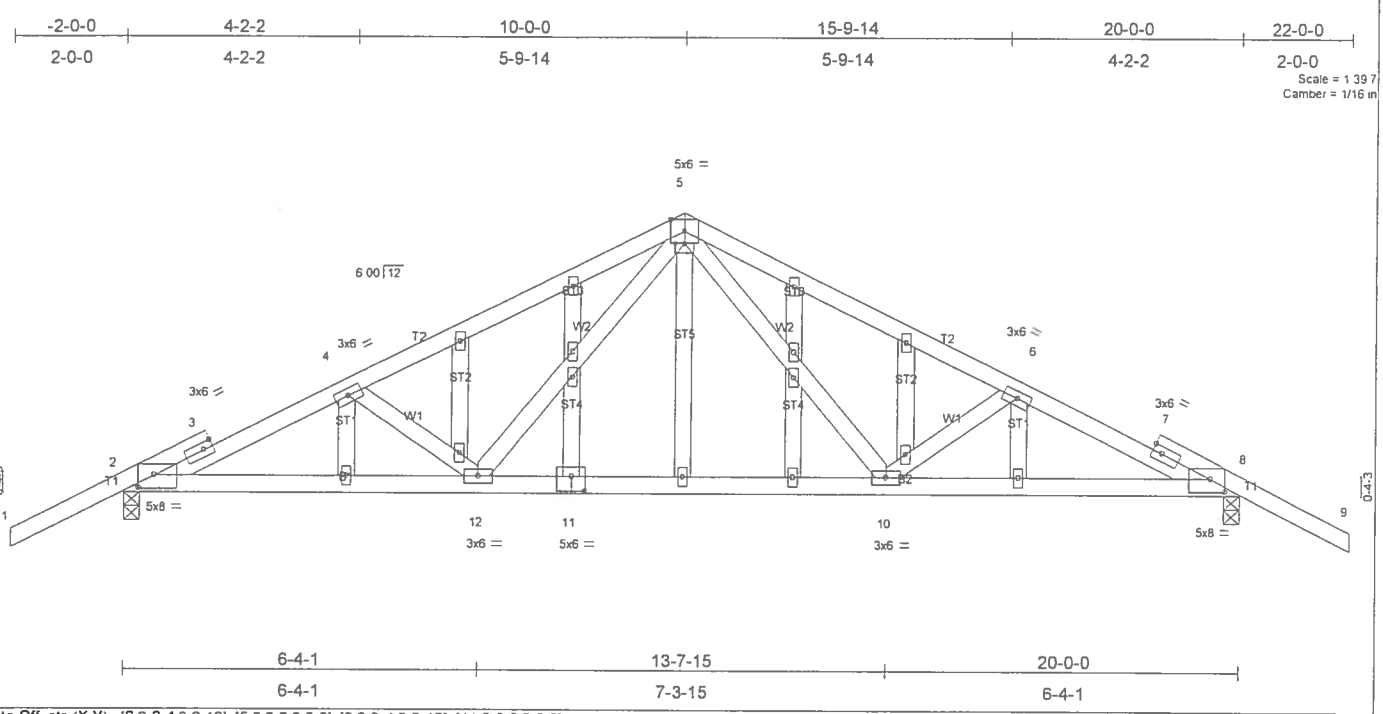


Plate Offsets (X,Y) [2:0-3-4,0-2-12], [5:0-2-0,0-0-0], [8:0-3-4,0-2-12], [11:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.26	10-12	>897	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.21	10-12	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.49	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 125 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-11 oc purlins
BOT CHORD Rigid ceiling directly applied or 4-10-0 oc bracing.

REACTIONS (lb/size) 2=1064/0-3-8, 8=1064/0-3-8
Max Horz 2=104(load case 5)
Max Uplift2=-724(load case 5), 8=-724(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2/56, 2-3=-1835/1906, 3-4=-1809/1911, 4-5=-1560/1726, 5-6=-1560/1726, 6-7=-1809/1911, 7-8=-1835/1906, 8-9=-2/56
BOT CHORD 2-12=-1631/1646, 11-12=-834/963, 10-11=-834/963, 8-10=-1631/1646
WEBS 4-12=-417/411, 5-12=-764/590, 5-10=-764/590, 6-10=-417/411

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II, Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60 This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 724 lb uplift at joint 2 and 724 lb uplift at joint 8
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-64(F=-10), 5-9=-64(F=-10), 2-8=-30

JANUARY 03, 2007 TRUSS DESIGN ENGINEER:
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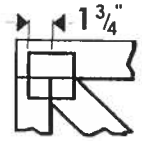
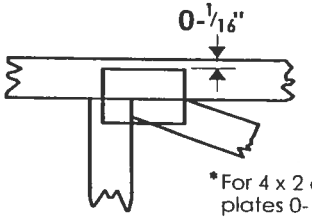
Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

*This symbol indicates the required direction of slots in connector plates.

***Plate location details available in MiTek 20/20 software or upon request.**

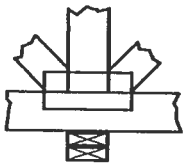
PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

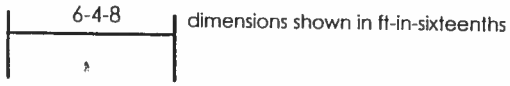


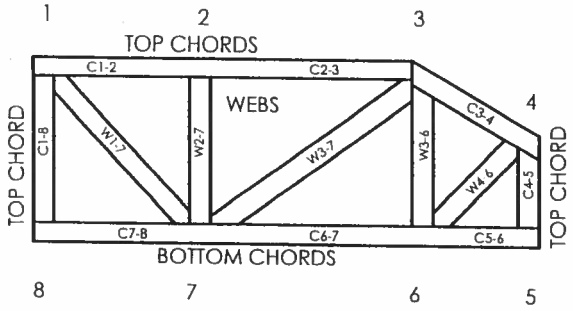
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System





JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A

MiTek®

TEE-LOK®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI1.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

Residential System Sizing Calculation

Summary

Lewis, Jim & Karen Residence

, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

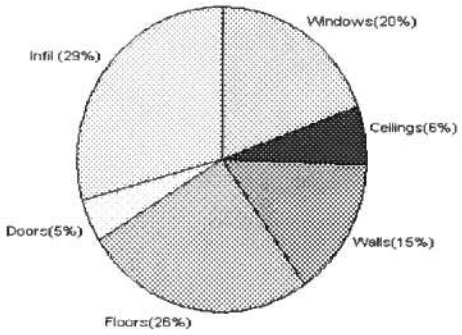
1/3/2007

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
Total heating load calculation	**22772**	**Btuh**	**Total cooling load calculation**	**16445**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	114.2	26000	Sensible (SHR = 0.75)	155.5	19500
Heat Pump + Auxiliary(0.0kW)	114.2	26000	Latent	166.6	6500
			Total (Electric Heat Pump)	158.1	26000

WINTER CALCULATIONS

Winter Heating Load (for 1155 sqft)

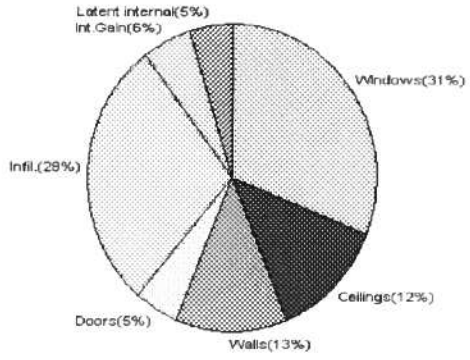
Load component			Load	
Window total	138	sqft	4442	Btuh
Wall total	1006	sqft	3304	Btuh
Door total	80	sqft	1036	Btuh
Ceiling total	1235	sqft	1455	Btuh
Floor total	136	sqft	5938	Btuh
Infiltration	163	cfm	6597	Btuh
Duct loss			0	Btuh
Subtotal			**22772**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**22772**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1155 sqft)

Load component			Load	
Window total	138	sqft	5115	Btuh
Wall total	1006	sqft	2098	Btuh
Door total	80	sqft	784	Btuh
Ceiling total	1235	sqft	2045	Btuh
Floor total			0	Btuh
Infiltration	85	cfm	1580	Btuh
Internal gain			920	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**12543**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			3102	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			800	Btuh
Total latent gain			**3902**	**Btuh**
TOTAL HEAT GAIN			**16445**	**Btuh**



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE: 1-3-07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Lewis, Jim & Karen Residence
, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

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

1/3/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	36.0	32.2	1159 Btuh
2	2, Clear, Metal, 0.87	SE	72.0	32.2	2318 Btuh
3	2, Clear, Metal, 0.87	SW	30.0	32.2	966 Btuh
	Window Total		138(sqft)		4442 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1006	3.3	3304 Btuh
	Wall Total		1006		3304 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		60	12.9	777 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		80		1036Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1235	1.2	1455 Btuh
	Ceiling Total		1235		1455Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	136.0 ft(p)	43.7	5938 Btuh
	Floor Total		136		5938 Btuh
			Zone Envelope Subtotal:		16175 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.94	10395	162.9	6597 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**22772 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	22772 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	22772 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Lewis, Jim & Karen Residence
, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

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

Lewis, Jim & Karen Residence
, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

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

1/3/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	36.0	32.2	1159 Btuh
2	2, Clear, Metal, 0.87	SE	72.0	32.2	2318 Btuh
3	2, Clear, Metal, 0.87	SW	30.0	32.2	966 Btuh
	Window Total		138(sqft)		4442 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1006	3.3	3304 Btuh
	Wall Total		1006		3304 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		60	12.9	777 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		80		1036Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1235	1.2	1455 Btuh
	Ceiling Total		1235		1455Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	136.0 ft(p)	43.7	5938 Btuh
	Floor Total		136		5938 Btuh
			Zone Envelope Subtotal:		16175 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.94	10395	162.9	6597 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**22772 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	22772 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	22772 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Lewis, Jim & Karen Residence
, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

1/2/2007

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

Lewis, Jim & Karen Residence
, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/3/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type* / Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Overhang Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	HTM Unshaded	Load
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	36.0	0.0	36.0	29	60	2161 Btuh
2	2, Clear, 0.87, None,N,N	SE	6.41	7.5ft.	72.0	72.0	0.0	29	63	2085 Btuh
3	2, Clear, 0.87, None,N,N	SW	1.5ft.	0ft.	30.0	30.0	0.0	29	63	869 Btuh
	Window Total				138 (sqft)					5115 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1006.0	2.1	2098 Btuh
	Wall Total		1006 (sqft)		2098 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	60.0	9.8	588 Btuh
2	Insulated - Exterior	20.0	9.8	196 Btuh
	Door Total	80 (sqft)		784 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1235.0	1.7	2045 Btuh
	Ceiling Total		1235 (sqft)		2045 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	136 (ft(p))	0.0	0 Btuh
	Floor Total		136.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		10043 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.49	10395	84.9	1580 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	4	X 230 +	0	920 Btuh

Duct load			
Unsealed, R6.0, Supply(Attic), Return(Attic)	DGM = 0.00	0.0 Btuh

	Sensible Zone Load	**12543 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Lewis, Jim & Karen Residence
, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

1/3/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**12543 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**12543 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**12543 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	3102 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (4 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**3902 Btuh**
	TOTAL GAIN	**16445 Btuh**

*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

Lewis, Jim & Karen Residence
, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/3/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	36.0	0.0	36.0	29	60	2161 Btuh
2	2, Clear, 0.87, None,N,N	SE	6.41	7.5ft.	72.0	72.0	0.0	29	63	2085 Btuh
3	2, Clear, 0.87, None,N,N	SW	1.5ft.	0ft.	30.0	30.0	0.0	29	63	869 Btuh
	Window Total				138 (sqft)					5115 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1006.0	2.1	2098 Btuh
	Wall Total		1006 (sqft)		2098 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	60.0	9.8	588 Btuh
2	Insulated - Exterior	20.0	9.8	196 Btuh
	Door Total	80 (sqft)		784 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1235.0	1.7	2045 Btuh
	Ceiling Total		1235 (sqft)		2045 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	136 (ft(p))	0.0	0 Btuh
	Floor Total		136.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		10043 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.49	10395	84.9	1580 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	4	X 230 +	0	920 Btuh

Duct load			
Unsealed, R6.0, Supply(Attic), Return(Attic)	DGM = 0.00	0.0 Btuh

	Sensible Zone Load	**12543 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Lewis, Jim & Karen Residence
, FL

Project Title:
701025ZecherBryan

Class 3 Rating
Registration No. 0
Climate: North

1/3/2007

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**12543 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**12543 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
Whole House	**Total sensible gain**	**12543 Btuh**
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	3102 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (4 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**3902 Btuh**
	TOTAL GAIN	**16445 Btuh**

*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

Residential Window Diversity

MidSummer

Lewis, Jim & Karen Residence

, FL

Project Title:
701025ZecherBryan

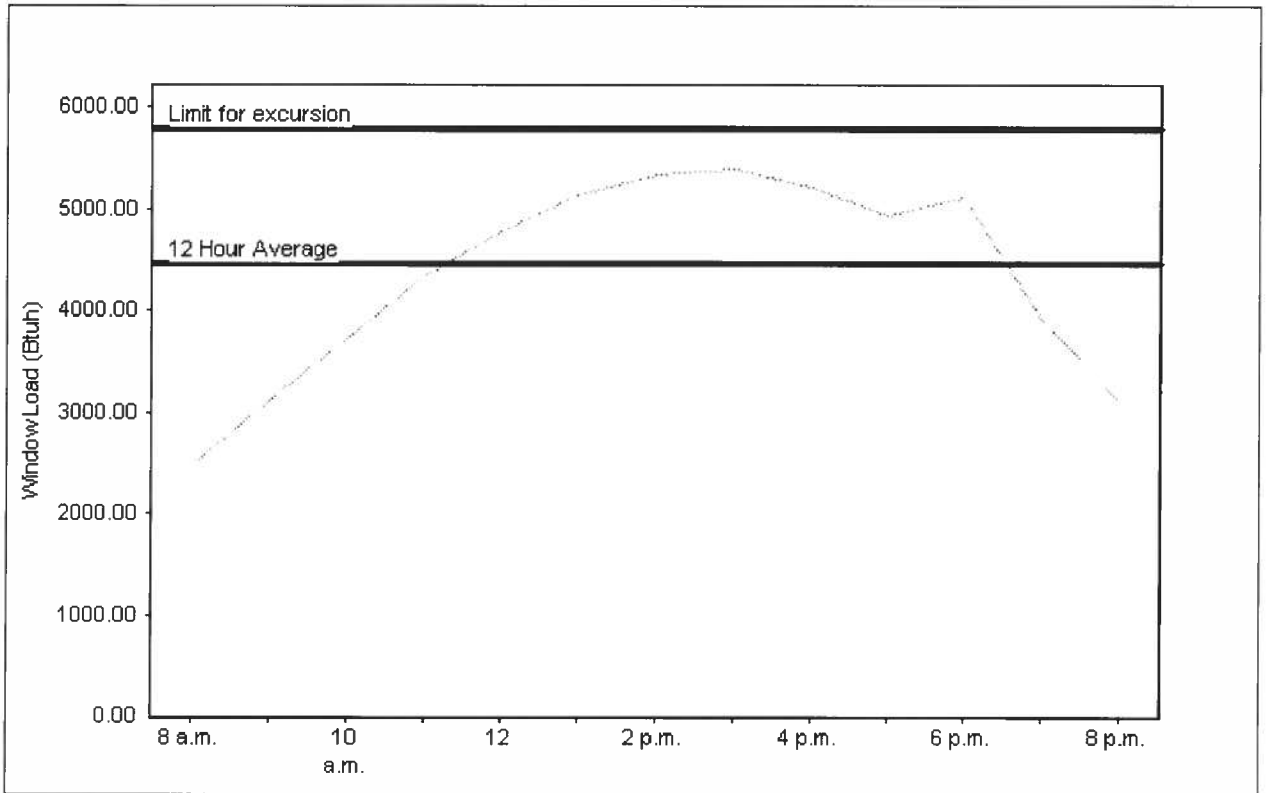
Class 3 Rating
Registration No. 0
Climate: North

1/3/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	4455 Btuh
Summer setpoint	75 F	Peak window load for July	5382 Btuh
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	5791 Btuh
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

The midsummer window load for this house does not exceed the window load excursion limit.
This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:
DATE: 1-3-07

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

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			
3. Sectional			
4. Roll up	N/A		
5. Automatic	N/A		
6. Other	—		
B. WINDOWS			
1. Single hung	Capital / Jordan		FL 675 / FL 1318-R1
2. Horizontal Slider	" "		FL 685 / FL 1384-R1
3. Casement	—		
4. Double Hung	—		
5. Fixed	C / J		FL 681 / FL 1383-R1
6. Awning	—		
7. Pass -through	—		
8. Projected	—		
9. Mullion	—		
10. Wind Breaker	—		
11 Dual Action	—		
12. Other			
C. PANEL WALL			
1. Siding	Hardy Plank		FL 889-R1
2. Soffits	Ashley Aluminum		FL 4968
3. EIFS	—		
4. Storefronts	—		
5. Curtain walls	—		
6. Wall louver	—		
7. Glass block	—		
8. Membrane	—		
9. Greenhouse	—		
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Elk / Certainteed		FL 728 R1 / FL 2556 R1
2. Underlayments	Felt		FL 2814
3. Roofing Fasteners	Nails		FL 3978
4. Non-structural Metal Rf	—		
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	—		

Notice of Treatment 12450

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Baya Dr.
City Lake City Phone (386) 752-1703

Site Location: Subdivision x/14
Lot # _____ Block# _____ Permit # 25445
Address 423 SW Carl Wilson Rd. Fort White

Product used	Active Ingredient	% Concentration
☐ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Main Body	3224	≈214	4.0

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

04-03-07 — Date
9:00 A — Time
RJ Strickland — Print Technician's Name

Remarks: 4 Sunpad Discs on back porch not in place WILL NEED TO BE TREATED

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 16-6S-17-09687-002 **Building permit No.** 000025443

Use Classification SFD,UTILITY **Fire:** 43.16

Permit Holder BRYAN ZECHER **Waste:** 67.00

Owner of Building JAMES & KAREN LEWIS **Total:** 110.16

Location: 423 SW CARL WILSON RD, LAKE CITY, FL

Date: 06/06/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)