Columbia County Building Permit Application

For Office Use Only Application # 0801-157 Date Received 1/30 By JW Permit # 27054

Zoning Official BLK Date 14.02.08 Flood Zone Floodable X FEMA Map # 0280 Zoning A-3

Land Use A-3 Elevation 54' MFE 54' River Santa Fe Plans Examiner OKITH Date 2-28-08

Comments Elevation Confirmation Letter Required Existing MH to be removed 45 days of CO issued

☑ NOC ☑ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor

☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. Fax 386-462-5609

Name Authorized Person Signing Permit CLAYTON R. HUNT Phone 352-665-5609

Address 101 Jefferson Glen High Springs

Owners Name Louis & MARY Rogers Phone 386-454-3391

911 Address 101 SE Jefferson Glen High Springs Fl. 32643

Contractors Name Clayton Contracting Corporation Phone 352-665-5609

Address 10431 NW 234 ST Alachua Fl. 32615

Fee Simple Owner Name & Address 101 SE. Jefferson Glen High Springs

Bonding Co. Name & Address

Architect/Engineer Name & Address Schafer Eng. LLC

Mortgage Lenders Name & Address Bank of America High Springs

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

11-15-17

Property ID Number R09983-026 Estimated Cost of Construction 205,700.00

Subdivision Name Bi Sentinial Acres Lot 31 & 32 Block Unit Phase

Driving Directions So. on 41 TO ADAMS Rd. TR. GO TO STOP TR Jefferson Glen GO TO END. Property STRAIGHT Ahead

* SEE ATTACHED SURVEY * → SHOWING SEPTIC Number of Existing Dwellings on Property 1

Construction of Single Family Res. Total Acreage 11 & 16.85 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or ~~Have an Existing Drive~~ Total Building Height 17'

Actual Distance of Structure from Property Lines - Front 320 Side 60 Side 497 Rear 310

Number of Stories 1 Heated Floor Area 1992 Total Floor Area ~~1992~~ 2420 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.

CK# 2892

Spoke to Clayton 2/28/08

Columbia County Building Permit Application

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

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

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

OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Louis W Rogers
Owners Signature

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

C.R. Hunt
Contractor's Signature (Permitee)

Contractor's License Number CGC059976
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 30th **day of** January **20**08.

Personally known_____ **or Produced Identification** Drivers License

M. T. Loveday
State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC
MICHAEL T. LOVEDAY
Notary Public, State of Florida
Commission# DD3555552
My comm. expires Sept. 16, 2008

Revised 11-30-07

```
@ CAM112M01        CamaUSA Appraisal System                    Columbia County
 1/30/2008 16:57   Legal Description Maintenance    25902  Land  005
Year T Property                          Sel        2673  AG    001
2008 R 11-7S-17-09983-026                ...       31110  Bldg  002  *
       101 SE JEFFERSON GLN                         5300  Xfea  006  *
HX     ROGERS LOUIS W & MARY L                     64985  TOTAL     B*

  1  LOT 31, EX 1 AC IN SE COR DESC  IN ORB 709-361 & ALL LOT 32,      2
  3  BICENTENNIAL ACRES S/D UNIT 2   & BEG NW COR OF LOT 31, RUN W     4
  5  455.32 FT, S 330 FT, E 455.32   FT, N 330 FT TO POB.             6
  7  ORB 297-585, 392-457, 636-353,  709-361, 784-1081, 819-318,      8
  9  819-322, 843-2615.                                              10
 11                                                                  12
 13                                                                  14
 15                                                                  16
 17                                                                  18
 19                                                                  20
 21                                                                  22
 23                                                                  24
 25                                                                  26
 27                                                                  28
                                                 Mnt 1/08/2003 WANDA
F1=Task  F3=Exit  F4=Prompt  F10=GoTo  PgUp/PgDn  F24=More
```

Together, *with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.*

To Have and to Hold, *the same in fee simple forever.*

And *the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to* December 31, 1993

BK 0784 PG1082
OFFICIAL RECORDS

WAYNE A. ROGERS

In Witness Whereof, *the said grantor has signed and sealed these presents the day and year first above written.*

Signed, sealed and delivered in our presence:

Jerry B Pasuka	[redacted]
Daniel A. Culver	[redacted]
DEBORA K. BUBLITZ	[redacted]
Richard L. Neiger	[redacted]

STATE OF CALIFORNIA
COUNTY OF LASSEN

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared

WAYNE A. ROGERS

to me known to be the person described in and who executed the foregoing instrument and HE acknowledged before me that HE executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 14th day of December A. D. 1993.

Helen Elizabeth Lastowski

OFFICIAL NOTARY SEAL
HELEN ELIZABETH LASTOWSKI
Notary Public — California
LASSEN COUNTY
My Comm. Expires APR 04 1996

This Instrument prepared by:
Address

WARRANTY DEED
LONG FORM

RAMCO FORM 1

This Warranty Deed *Made the* 14th *day of* December *A. D.* 1993 *by*

WAYNE A. ROGERS

hereinafter called the grantor, to
LOUIS W. ROGERS AND MARY L. ROGERS

whose postoffice address is RT 2, BOX 645, HIGH SPRINGS, FLORIDA 32643

hereinafter called the grantee:

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

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

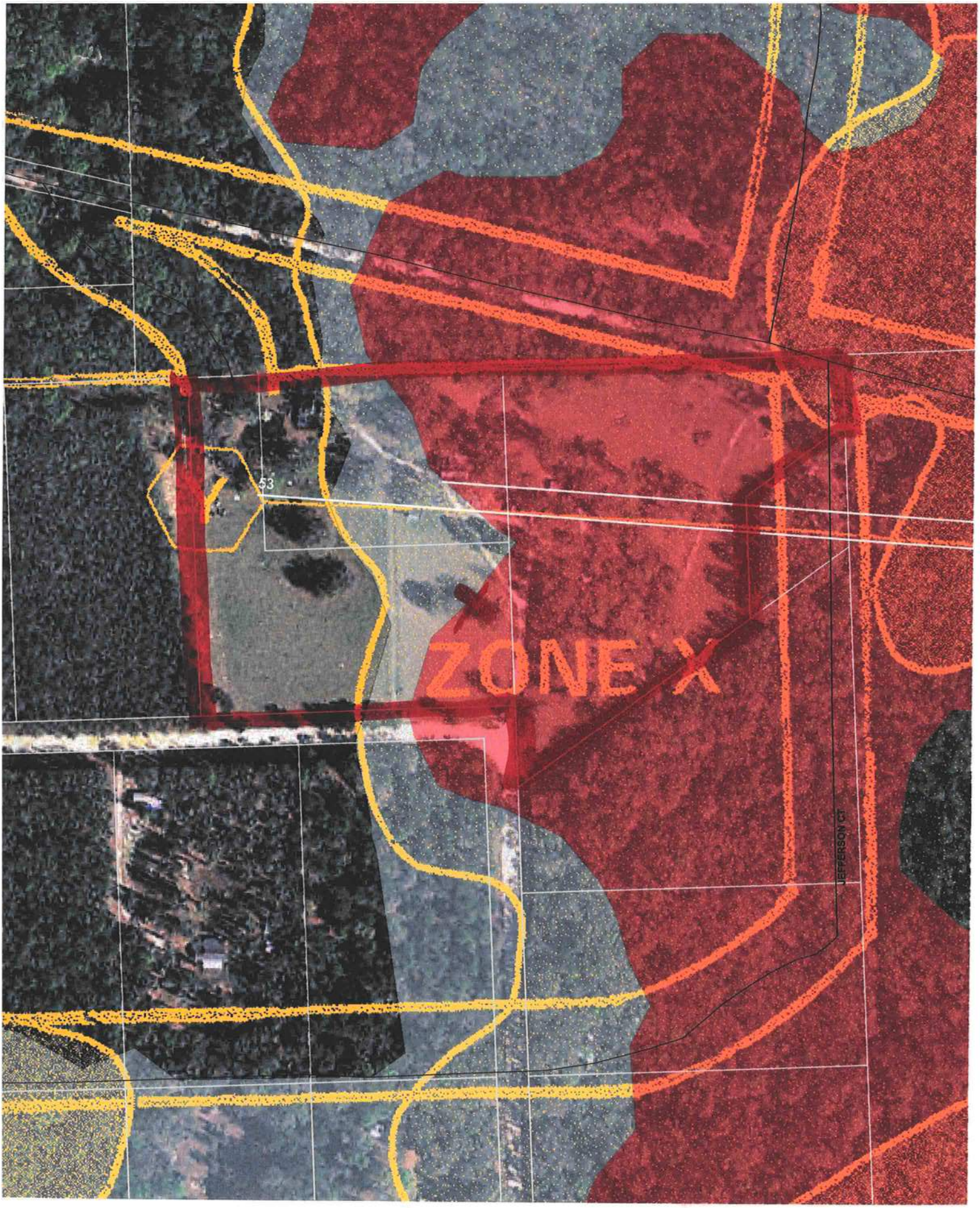
11-7S-17
THE EAST, 216.46 FEET OF LOT 32, BICENTENNIAL ACRES, UNIT 2 AND BEGINNING AT NORTH EAST CORNER OF LOT 32 RUN NORTH. 330 FEET, WEST. 216.46 FEET, SOUTH. 330 FEET, EAST 216.46 FEET. CONTAINING A TOTAL OF 3.18 ACRES MORE OR LESS. COLUMBIA COUNTY, FLORIDA.

OR 0784 PG 1081
OFFICIAL RECORDS

93-15240

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY, FL.
1993 DEC 30 PM 4:19
CLERK OF COURTS
COLUMBIA COUNTY, FLORIDA
BY D.C.

DOCUMENTARY STAMP $ 70.00
INTANGIBLE TAX
P. DeWITT CASON, CLERK OF COURTS, COLUMBIA COUNTY
BY D.C.

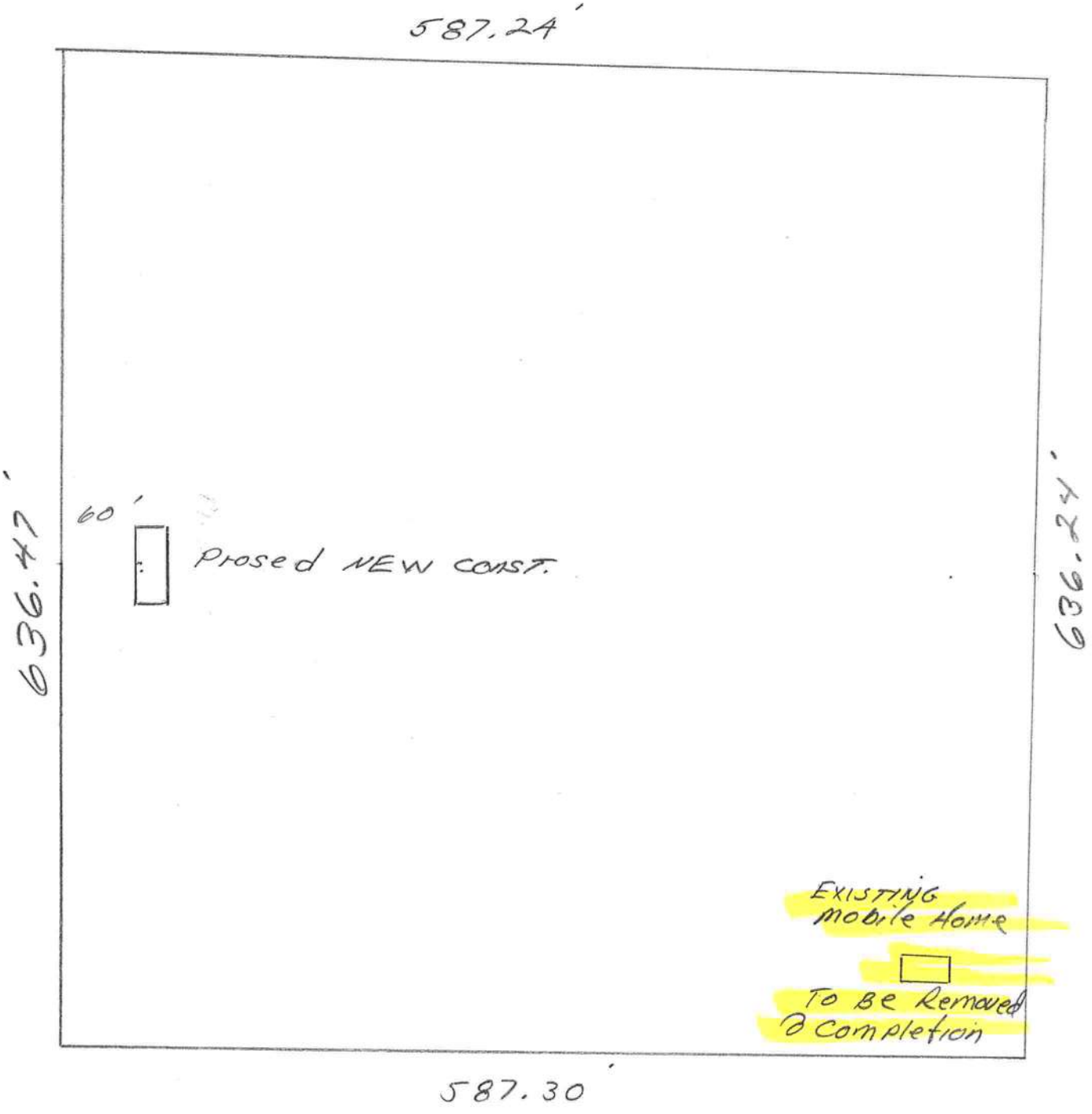


0801-157

SITE PLAN 1" = 100'

LOUIS & MARY ROGERS R09983-026

SE. JEFFERSON GLEN



LDR's

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

Reference to a building permit application Number: **0801-157**

Applicant: Clayton Rihont
Owner: Louis & Mary Rogers
Contractor: Clayton Contracting Corporation
Property Identification # 11-7s-17-09983-026

On the date of February 4, 2008 building permit application number 0801-157 and the submitted plans for construction of a single family dwelling were reviewed. The following information or alterations to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0801-157and when making reference to this application.

This is a plan review for compliance with the Florida Residential Codes 2004 only and doesn't make any consideration toward the land use and zoning requirement.

1. Please submit two sets of truss plans, which have a embossed engineers seal from the pre-engineered truss designers.
2. The electrical plans indicates the location of the electrical service entrance (meter can) point and the interior location of the electrical circuit panel. At the electrical service entrance point an overcurrent protection device shall be installed on the exterior of structure, which will provide overcurrent protection for the service entry cable to the electrical panels. This overcurrent protection device shall also serves as a means of disconnecting electrical power from the utility company. Conductors used from the exterior overcurrent protection disconnect device to the panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

3. Please submit product approval specification and product approval number(s) as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 for all material which will be 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, EXTERIOR DOORS, WINDOWS, ROOFING, SKYLIGHTS and GLASS BLOCKS: More information about statewide product approval can be obtained at www.floridabuilding.org

4. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system.

5. Please submit a recorded (with the Columbia County Clerk Office) notice of commencement statement. Which must be on file with the building department and posted at the construction site before any inspections can be performed by the Columbia County Building Department.

Thank You:

Joe Haltiwanger
Plan Examiner
County Building Department

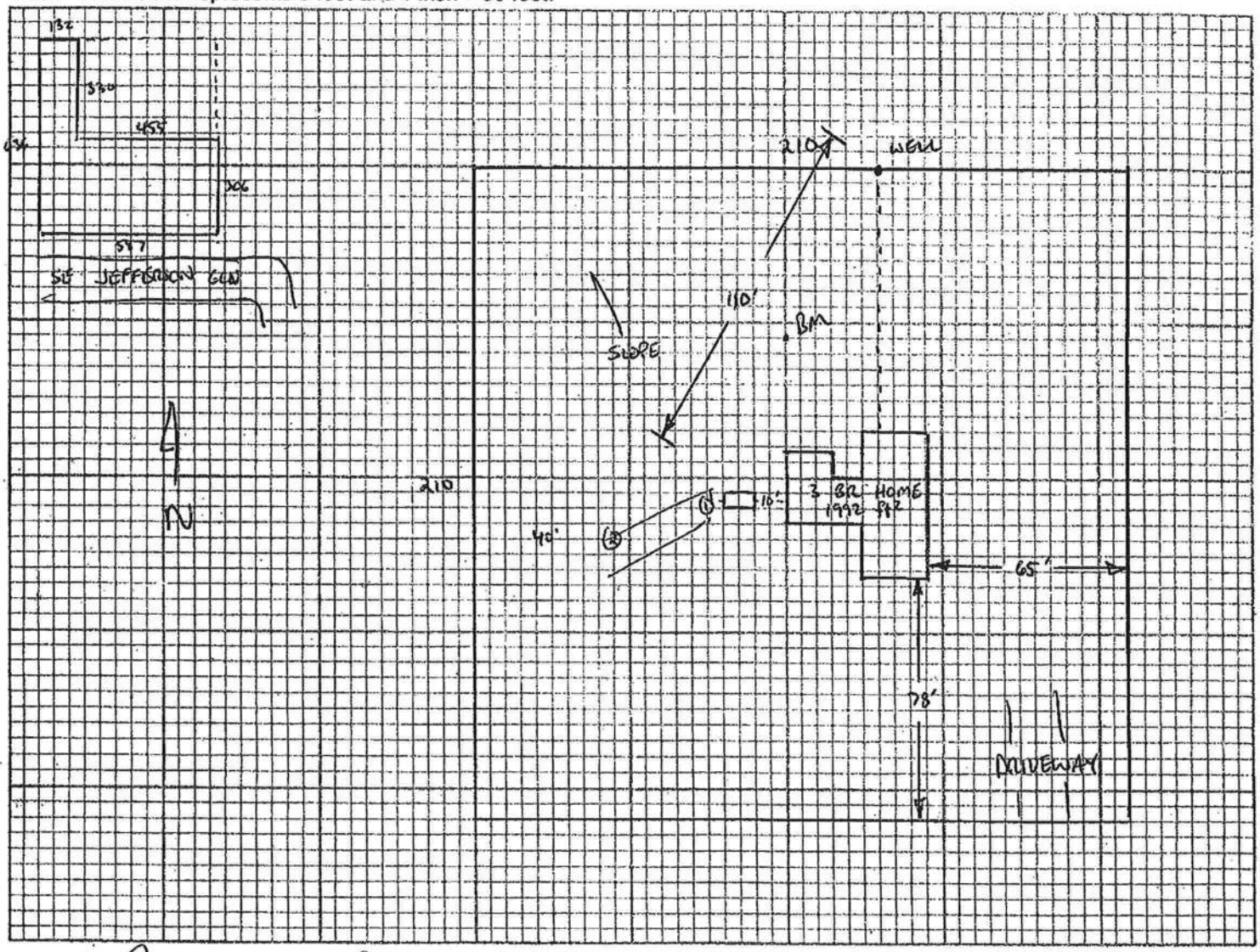
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0195-N

PART II - SITE PLAN

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



Notes: Rogers Res.
Crafton Contracting Permit # 08-0195

Site Plan submitted by: _____ Signature _____ Title

Plan Approved _____ Not Approved

APPROVED

Date 5/30/8

By _____ Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

NOTICE OF COMMENCEMENT

Inst:200812010354 Date:5/30/2008 Time:9:48 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1151 P:1051

Tax Parcel Identification Number RO 99E3-026

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

1. Description of property *(legal description)*:
   a) Street *(job)* Address: 101 SE JEFFERSON Glen High Springs Fl.
2. General description of improvements: CONSTRUCT Single family Residence

3. Owner Information
   a) Name and address: Louis & MARY Rogers
   b) Name and address of fee simple titleholder (if other than owner)
   c) Interest in property: Owners
4. Contractor Information
   a) Name and address: Clayton Contracting Corporation
   b) Telephone No.: 352-665-5609 Fax No. (Opt.)
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond:
   c) Telephone No.: Fax No. (Opt.)
6. Lender
   a) Name and address: BANK of America High Springs Fl.
   b) Phone No.
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address:
   b) Telephone No.: Fax No. (Opt.)

8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
   a) Name and address:
   b) Telephone No.: Fax No. (Opt.)

9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**:

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

STATE OF FLORIDA
COUNTY OF ~~COLUMBIA~~ Alachua

10. [signature: Louis W Rogers]
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Louis Rogers
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 30th day of January, 2008, by:
Louis Rogers as (type of authority, e.g. officer, trustee, attorney fact) for (name of party on behalf of whom instrument was executed).

Personally Known ____ OR Produced Identification X Type Drivers License

Notary Signature [signature] Notary Stamp or Seal: MICHAEL T. LOVEDAY Notary Public, State of Florida Commission DD355552

---AND---

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

[signature: Louis W Rogers]
Signature of Natural Person Signing (in line #10 above.)

FORM E)A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project ... ne:	ROGERS RESIDENCE	Builder:	CLAYTON CONTRACTING
Address		Permitting Office:	COLUMBIA COUNTY
City, Sta ...	,	Permit Number:	27054
Owner:	BILL AND MARY ROGERS	Jurisdiction Number:	221000
Climate ... ne:	North		

1. New c ... nstruction or existing	New	12. Cooling systems	
2. Sing ... ly or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Num ... of units, if multi-family	1		SEER: 13.00
4. Num ... of Bedrooms	3	b. N/A	
5. Is thi ... worst case?	No	c. N/A	
6. Cond ... ned floor area (ft²)	1992 ft²		
7. Glass ... e and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-fac ...	Description Area	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
(or S ... le or Double DEFAULT)	7a. (Dble, U=0.8) 70.0 ft²		HSPF: 8.20
b. SHG ...		b. N/A	
(or ... r Tint DEFAULT)	7b. (SHGC=0.66) 232.0 ft²	c. N/A	
8. Floo ...			
a. Slab- ... Grade Edge Insulation	R=0.0, 0.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.93
9. Wall ... s		b. N/A	
a. Fram ... ood, Adjacent	R=0.0, 1880.0 ft²	c. Conservation credits	
b. Fram ... ood, Exterior	R=19.0, 1471.0 ft²	(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
e. N/A			
10. Ceil ... ypes			
a. Und ... ce	R=30.0, 1992.0 ft²		
b. N/A			
c. N/A			
11. Duc ... s Free)			
a. Sup ... ket: Unc. AH: Interior	Sup. R=6.0, 330.0 ft		
b. N/A			

Glass/Floor Area: 0.16 Total as-built points: 30097 Total base points: 31609 PASS

I hereby ... y that the plans and specifications covered by this calc ... n are in compliance with the Florida Energy Code.

PREP ... D BY: Larry Resmondo a/c

DATE: January 28, 2008

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

OWN ... ENT: _____

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

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , 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	1992.0	18.59	6666.0	1.Double,U=0.77,SHGC=0.	N	8.0	6.0	30.0	19.63	0.67	393.0
				2.Double,U=0.77,SHGC=0.	N	1.5	6.0	70.0	19.63	0.94	1289.0
				3.Double,U=0.77,SHGC=0.	N	1.5	6.0	30.0	19.63	0.94	552.0
				4.Double,U=0.58,SHGC=0.	N	9.0	6.0	42.0	8.50	0.69	246.0
				5.Double,U=0.58,SHGC=0.	N	1.5	6.0	42.0	8.50	0.97	344.0
				6.Double,U=0.77,SHGC=0.	N	1.5	6.0	45.0	19.63	0.94	829.0
				7.Double,U=0.77,SHGC=0.	N	1.5	4.0	18.0	19.63	0.88	310.0
				8.Double,U=0.77,SHGC=0.	N	1.5	4.0	9.0	19.63	0.88	155.0
				9.Double,U=0.77,SHGC=0.	N	1.5	6.0	30.0	19.63	0.94	552.0
				As-Built Total:				**316.0**			**4670.0**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	1880.0	0.70	1316.0	1. Frame, Wood, Adjacent			0.0	1880.0	2.20		4136.0
Exterior	1471.0	1.70	2500.7	2. Frame, Wood, Exterior			19.0	1471.0	0.90		1323.9
Base Total:	**3351.0**		**3816.7**	**As-Built Total:**				**3351.0**			**5459.9**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1.Exterior Wood				21.0	6.10		128.1
Exterior	21.0	6.10	128.1								
Base Total:	**21.0**		**128.1**	**As-Built Total:**				**21.0**			**128.1**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1992.0	1.73	3446.2	1. Under Attic			30.0	1992.0	1.73 X 1.00		3446.2
Base Total:	**1992.0**		**3446.2**	**As-Built Total:**				**1992.0**			**3446.2**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	226.0(p)	-37.0	0.0	1. Slab-On-Grade Edge Insulation			0.0	226.0(p	-41.20		0.0
Raised	0.0	0.00	0.0								
Base Total:			**0.0**	**As-Built Total:**				**0.0**			**0.0**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	1992.0	10.21	20338.3					1992.0	10.21		20338.3

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 34395.3			**Summer As-Built Points:**					**34042.5**
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 42000btuh ,SEER/EFF(13.0) Ducts,Unc(S),Unc(R),Int(AH),R6.0(INS)					
34395.3	0.3250	11178.5	34042 **34042.5**	1.00 **1.00**	(1.09 x 1.000 x 0.91) **0.992**	0.260 **0.260**	1.000 **1.000**	8779.4 **8779.4**

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: ,,, 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	1992.0	20.17	7232.0	1.Double,U=0.77,SHGC=0.	N	8.0	6.0	30.0	21.94	1.02	672.0
				2.Double,U=0.77,SHGC=0.	N	1.5	6.0	70.0	21.94	1.00	1539.0
				3.Double,U=0.77,SHGC=0.	N	1.5	6.0	30.0	21.94	1.00	659.0
				4.Double,U=0.58,SHGC=0.	N	9.0	8.0	42.0	18.61	1.02	797.0
				5.Double,U=0.58,SHGC=0.	N	1.5	8.0	42.0	18.61	1.00	782.0
				6.Double,U=0.77,SHGC=0	N	1.5	6.0	45.0	21.94	1.00	989.0
				7.Double,U=0.77,SHGC=0.	N	1.5	4.0	18.0	21.94	1.01	397.0
				8.Double,U=0.77,SHGC=0.	N	1.5	4.0	9.0	21.94	1.01	198.0
				9.Double,U=0.77,SHGC=0.	N	1.5	6.0	30.0	21.94	1.00	659.0
				As-Built Total:				316.0			6692.0

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	1880.0	3.60	6768.0	1. Frame, Wood, Adjacent	0.0	1880.0	10.40	19552.0
Exterior	1471.0	3.70	5442.7	2. Frame, Wood, Exterior	19.0	1471.0	2.20	3236.2
Base Total:	3351.0		12210.7	**As-Built Total:**		3351.0		22788.2

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	1.Exterior Wood	21.0	12.30	258.3
Exterior	21.0	12.30	258.3				
Base Total:	21.0		258.3	**As-Built Total:**	21.0		258.3

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	1992.0	2.05	4083.6	1. Under Attic	30.0	1992.0	2.05 X 1.00	4083.6
Base Total:	1992.0		4083.6	**As-Built Total:**		1992.0		4083.6

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	226.0(p)	8.9	0.0	1. Slab-On-Grade Edge Insulation	0.0	226.0(p	18.80	0.0
Raised	0.0	0.00	0.0					
Base Total:			0.0	**As-Built Total:**		0.0		0.0

INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points
	1992.0	-0.59	-1175.3		1992.0	-0.59	-1175.3

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: ,,,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**22609.3**	**Winter As-Built Points:**					**32646.8**
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 42000 btuh ,EFF(8.2) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			32646.8	1.000	(1.069 x 1.000 x 0.93) 0.416		1.000	13497.2
22609.3	**0.5540**	**12525.6**	**32646.8**	**1.00**	**0.994**	**0.416**	**1.000**	**13497.2**

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , 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
3	2635.00	7905.0		50.0	0.93	3	1.00	2606.67	1.00	7820.0
				As-Built Total:						7820.0

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
11178	12526	7905	31609	8779	13497	7820	30097

PASS

FORM 600A-2004R EnergyGauge® 4.5

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. 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 cir 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.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.5

The higher the score, the more efficient the home.

BILL AND MARY ROGERS, , , ,

1.	New construction or existing	New		12. Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 42.0 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 13.00
4.	Number of Bedrooms	3		b. N/A	
5.	Is this a worst case?	No			
6.	Conditioned floor area (ft²)	1992 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, U=0.8) 70.0 ft²		a. Electric Heat Pump	Cap: 42.0 kBtu/hr
b.	SHGC:				HSPF: 8.20
	(or Clear or Tint DEFAULT)	7b. (SHGC=0.66) 232.0 ft²		b. N/A	
8.	Floor types				
a.	Slab-On-Grade Edge Insulation	R=0.0, 0.0(p) ft		c. N/A	
b.	N/A				
c.	N/A			14. Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Adjacent	R=0.0, 1880.0 ft²			EF: 0.93
b.	Frame, Wood, Exterior	R=19.0, 1471.0 ft²		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, 1992.0 ft²		15. HVAC credits	
b.	N/A			(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A			HF-Whole house fan,	
11.	Ducts(Leak Free)			PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 330.0 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: _____

Address of New Home: _____ City/FL Zip: _____

GREAT SEAL OF THE STATE OF FLORIDA · IN GOD WE TRUST ·

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.

RONNIE BRANNON, CFC
COLUMBIA COUNTY TAX COLLECTOR

REAL ESTATE 2008 130664.0000

NOTICE OF AD VALOREM TAXES AND NON-AD VALOREM ASSESSMENTS

ACCOUNT NUMBER	ESCROW CD	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE	MILLAGE CODE
R09983-041		28,289	1,516	26,773	003

X 4335 2-3

99999**SINGLE-PIECE

ROGERS LOUIS W & MARY L
101 SE JEFFERSON GLN
HIGH SPRINGS FL 32643

11-7S-17 5000/5000 8.58 acres
LOT 32 BICENTENNIAL ACRES S/D
UNIT 2
ORB 297-585, 392-457, 636-353,
709-361, 784-1081, 819-318,
See Tax Roll for extra legal.

AD VALOREM TAXES

TAXING AUTHORITY		MILLAGE RATE (Dollars per $1,000 of taxable value)			TAXES LEVIED
C001	BOARD OF COUNTY COMMISSIONERS	7.8910	1,516	26,773	211.27
S002	COLUMBIA COUNTY SCHOOL BOARD				
	DISCRETIONARY	0.7480	1,516	26,773	20.03
	LOCAL	5.2220	1,516	26,773	139.81
	CAPITAL OUTLAY	1.7500	1,516	26,773	46.85
W SR	SUWANNEE RIVER WATER MGT DIST	0.4399	1,516	26,773	11.78
HLSH	LAKE SHORE HOSPITAL AUTHORITY	2.0160	1,516	26,773	53.97
IIDA	COLUMBIA COUNTY INDUSTRIAL	0.1240	1,516	26,773	3.32

TOTAL MILLAGE 18.1909 AD VALOREM TAXES 487.03

NON-AD VALOREM ASSESSMENTS

LEVYING AUTHORITY		RATE	AMOUNT
FFIR	FIRE ASSESSMENTS	Per Parcel	146.58
GGAR	SOLID WASTE - ANNUAL	Per Parcel	201.00

FOR INFORMATION OR TO PAY WITH CREDIT/DEBIT CARD VISIT www.columbiataxcollector.com (CONVENIENCE FEE APPLIES)

NON- AD VALOREM ASSESSMENTS 347.58

COMBINED TAXES AND ASSESSMENTS | PAY ONLY ONE AMOUNT **834.61** SEE REVERSE SIDE FOR IMPORTANT INFORMATION

If Paid By	Nov 30, 2008	Dec 31, 2008	Jan 31, 2009	Feb 28, 2009	Mar 31, 200
Please Pay	801.23	809.57	817.92	826.26	834.6

RETAIN THIS PORTION AS YOUR RECEIPT OR MAIL A SELF-ADDRESSED STAMPED ENVELOPE FOR RETURN OF VALIDATED RECEIPT.

RONNIE BRANNON, CFC
COLUMBIA COUNTY TAX COLLECTOR

REAL ESTATE 2008 130664.0000

NOTICE OF AD VALOREM TAXES AND NON-AD VALOREM ASSESSMENTS

ACCOUNT NUMBER	ESCROW CD	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE	MILLAGE CODE
R09983-041		28,289	1,516	26,773	003

SEE INSERT FOR INFORMATION AND TELEPHONE NUMBERS

ROGERS LOUIS W & MARY L
101 SE JEFFERSON GLN
HIGH SPRINGS FL 32643

11-7S-17 5000/5000 8.58 acres
LOT 32 BICENTENNIAL ACRES S/D
UNIT 2
ORB 297-585, 392-457, 636-353,
709-361, 784-1081, 819-318,
See Tax Roll for extra legal.

Submit With Payment

PLEASE PAY IN U.S. FUNDS TO RONNIE BRANNON COLUMBIA COUNTY TAX COLLECTOR • 135 NE HERNANDO AVE. SUITE 125 • LAKE CITY, FL 32

If Paid By	Nov 30, 2008	Dec 31, 2008	Jan 31, 2009	Feb 28, 2009	Mar 31, 200
Please Pay	801.23	809.57	817.92	826.26	834.6

UNIVERSAL
ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Sciences • Construction Materials Testing

4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

REPORT ON IN-PLACE DENSITY TESTS

27054

CLIENT: Clayton Cont

PROJECT: Rodgers Residence, 101 27054 Jefferson Glenn
Gilchrist County

AREA TESTED: fill & prep Bldg Pad

COURSE: F/G.

DEPTH OF TEST: 0-1'

TYPE OF TEST: ASTM D 2922

DATE TESTED: 6-11-08

NOTE: The below tests DO/~~DO NOT~~ meet the minimum 95 % compaction requirements of maximum density.

REMARKS:

LOCATION OF TESTS	DRY DEN.	MAX. DEN.	% MAX. DEN.	% MOIST.	OPT. MOIST.
		117.5			11.5
5' S.W. of N.E. Corner of Pad	114.9		97.7	4.1	
Approx Center of Pad	113.2		96.3	3.6	
5' N.E. of S.W. Corner of Pad	113.0		96.1	3.3	

TECH. MM

4404

27054

BRITT SURVEYING

Land Surveyors and Mappers

LAKE CITY • VENICE • SARASOTA

10/23/08

L-19610

To Whom It May Concern:

C/o: Clayton Construction

Re: part of lot 32 Bicentennial Acres

The elevation of the finished floor is found to be 60.02 feet. The parcel falls in the floodable Zone X and the adjacent 100-year flood zone is 54.00 feet as per FIRM 120070 0280 B. The highest adjacent grade is 58.81 feet. The lowest adjacent grade is 57.11 feet. The elevations shown hereon are based on NGVD 29 Datum.

L. Scott Britt
PLS #5757

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 11-7S-17-09983-026 **Building permit No.** 000027054

Use Classification SFD,UTILITY **Fire:** 146.60

Permit Holder CLAYTON CONTRACTING **Waste:** 201.00

Owner of Building LOUIS & MARY ROGERS **Total:** 347.60

Location: 101 SE JEFFERSON GLEN, HIGH SPRINGS, FL

Date: 10/28/2008

Randy Jones 64

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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

Reference to a building permit application Number: **0801-157**

Applicant: Clayton Rihont
Owner: Louis & Mary Rogers
Contractor: Clayton Contracting Corporation
Property Identification # 11-7s-17-09983-026

On the date of February 4, 2008 building permit application number 0801-157 and the submitted plans for construction of a single family dwelling were reviewed. The following information or alterations to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0801-157and when making reference to this application.

This is a plan review for compliance with the Florida Residential Codes 2004 only and doesn't make any consideration toward the land use and zoning requirement.

1. Please submit two sets of truss plans, which have a embossed engineers seal from the pre-engineered truss designers.
2. The electrical plans indicates the location of the electrical service entrance (meter can) point and the interior location of the electrical circuit panel. At the electrical service entrance point an overcurrent protection device shall be installed on the exterior of structure, which will provide overcurrent protection for the service entry cable to the electrical panels. This overcurrent protection device shall also serves as a means of disconnecting electrical power from the utility company. Conductors used from the exterior overcurrent protection disconnect device to the panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

3. Please submit product approval specification and product approval number(s) as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 for all material which will be 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, EXTERIOR DOORS, WINDOWS, ROOFING, SKYLIGHTS and GLASS BLOCKS: More information about statewide product approval can be obtained at www.floridabuilding.org

4. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system.

5. Please submit a recorded (with the Columbia County Clerk Office) notice of commencement statement. Which must be on file with the building department and posted at the construction site before any inspections can be performed by the Columbia County Building Department.

Thank You:

Joe Haltiwanger
Plan Examiner
County Building Department

Schafer Engineering, LLC

14952 Main St. Alachua FL 32615

Prepared for:

CLAYTON CONTRACTING
ROGERS RESIDENCE
COLUMBIA COUNTY

By:

Schafer Engineering, LLC

386-462-1340 / 352-375-6329

SCHAFER ENGINEERING LLC

Trusses: Pre-engineered with manufacturer's required bracing system installed.
Roof sheathing: Type OSB Size 7/16 Fastener type nails 8d/.113 Ring Shank

Interior zone spacing: Interior 6 in. Periphery 4 in.
Edge and end zone spacing: Interior 6 in. Periphery 4 in.

Top double pl: Type Spruce Grade #1 #2 Size 2 x 4 Nail spacing 10 in.

Studs: Type Spruce Grade #1 #2 Size 2 x 4
Interior stud spacing 16 in. Composite (yes or no) Y
End stud spacing 16 in. Composite (yes or no) Y

Shearwall siding: Type OSB Thickness 7/16 in.
Trans: Fastener 8d/131 GA Spacing: Int 8 in. Edge 4 in.
Long: Fastener 8d/131 GA Spacing: Int 8 in. Edge 4 in.

Allowable unit shear on shearwalls: 314 **pounds per linear foot**
Unit shear transferred from diaphragm: Trans: 78 Long: 44

Wall tension transferred by: Siding nails 8d/131 @ 4 O.C. edges

Foundation anchor bolts: Concrete strength 3000 psi Size 1/2 in. Shape L
Washer 2" Embedment 7 in. Location of first anchor bolt from corner 8 in.

Anchor Bolts @ 48" O.C. Model A307 Loc. from corner 8 in.

Type of foundation: 1 #5 rebar continuous required in bond beam.
Floor slab 4 in. CMU: Size 8 x 16 in. Height 24 in. Reinf. # 5 at 72 in.
Monolithic footing: Depth 20 in. Bottom width 12 in. Reinf. 2 # 5 bars

Footing: Width 20 in. Depth 10 in. Reinforcing 2 # 5 bars
Interior Footings: 16" W X 10" D

Porch Columns: 4X4X8 Syp #2 PT @ 96 OC. MAX. **Column Fasteners:** Simpson CBSQ44/CC44 OR EQUAL

Special Comments: Install ceiling diaphragm on open porch using same Grade material, nail spacings, & nail size as roof sheathing.

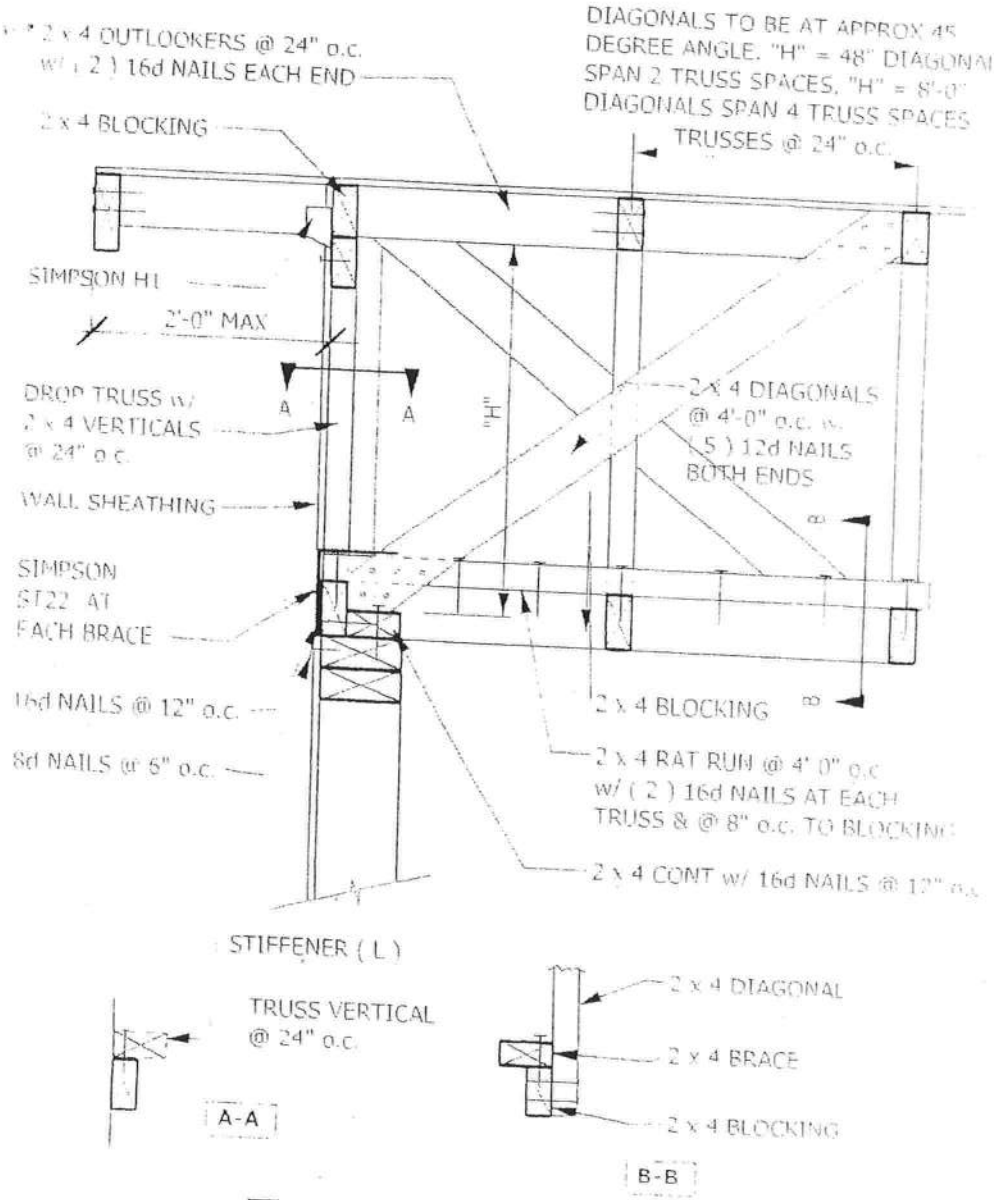
NOTE:
1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shear walls.
4. This is a wind load only, NOT a structural analysis.
5. This wind load is not valid without a raised, embossed seal.
6. It is assumed that ideal soil conditions and pad preparations are provided.
7. Fiber mesh or WWM may be used in concrete slab.
8. Trusses must be anchored and supported in accordance to the truss engineering.
9. Wind design and analysis valid for one use only, no copies permitted.
10. The foundation is for minimum design use and may be increased.
11. All headers over 12 feet to be pre-engineered.

1-28-08

48984
7104 NW 42nd Ln
Gainesville, Fl

SCHAFER ENGINEERING, LLC

7104 N. W. 42ND LANE
GAINESVILLE, FLORIDA 32606



TYPICAL GABLE END BRACING

1-28-08

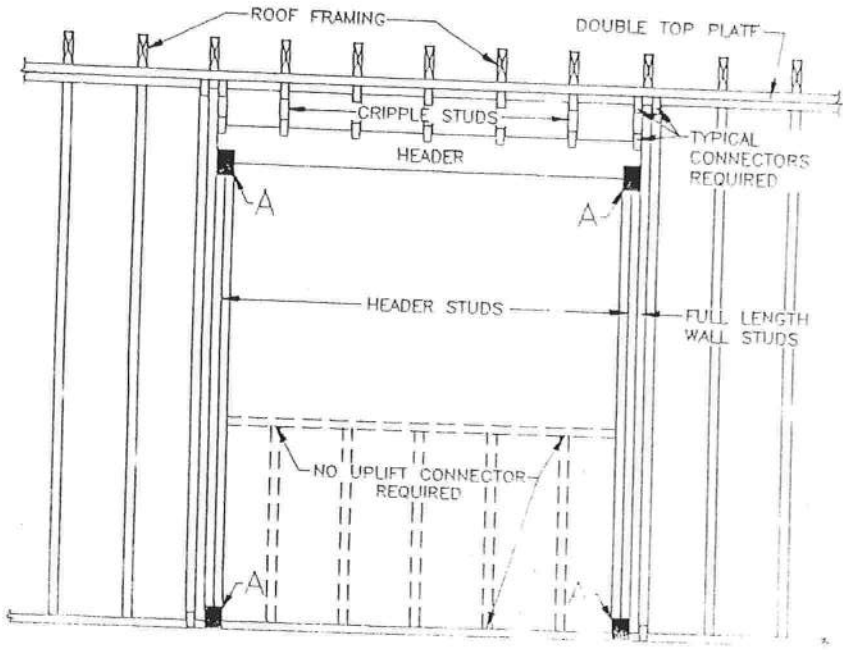
48984
7104 NW 42nd Ln
Gainesville FL

Unsupported Wall Height	Stud Spacing	Maximum Header Span (ft.)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1[1]	1	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
10' or less	12 in.	2	2	3	3	3	3
	16 in.	2	2	3	3	3	3
	24 in.	1	2	2	2	2	2
greater than 10'	12 in.	2	2	3	4	5	5
	16 in.	2	2	3	3	4	4
	24 in.	1	2	2	2	3	3

1. The header stud shall not be required if the header is supported by a suitable framing anchor.

Uplift connection requirement at points A (top and bottom of header studs): Uplift load per framing member above the header from Table 307F1 or 307A, as appropriate, multiplied by the number of framing members displaced divided by two.

NOTE: Uplift connection is required at each end of header and at bottom of header studs in addition to connectors at wall studs and at top and bottom of cripples



TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700

Total uplift for each truss resting on the header and divide by 2 to determine the uplift force.
Use proper bolt anchors sufficient to support required load.

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A

Two 12d common toenails are required per truss/rafter per bearing point into plate.
Use proper bolt anchors.
Strap rafters to truss or at each end with minimum uplift resistance of 450# each end.
Strap ridge beam at each end with minimum uplift resistance of 1000#.
It is the contractors' responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300

*or per truss engineering
Use proper bolt anchors
All beams to be sheathed or strapped to Double Top Plate when applicable.

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS
Wall sheathing nailing Adequate exterior walls bottom w/8d nails.
Use SP1 & SP2 @32" O.C. on all interior non-sheathed bearing walls.
Interior anchor bolts to be ½" x 8" A307 or ½" x 7" wedge anchor or equivalent.

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.

NOTE:

1. For nailing into SPF members, multiply table values by .86
2. See truss engineering for anchor tie-down values.

ASCE 7-02

1/24/08

Wind Load Design per ASCE 7-02

User Input Data		
Structure Type	Building	
Basic Wind Speed (V)	110	mph
Structural Category	II	
Exposure	B	
Struc Nat Frequency (n1)	1	Hz
Slope of Roof (Theta)	26.6	Deg
Type of Roof	Gabled	
Eave Height (Eht)	8.00	ft
Ridge Height (RHt)	17.33	ft
Mean Roof Height (Ht)	14.58	ft
Width Perp. to Wind (B)	45.00	ft
Width Parallel to Wind (L)	28.00	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters		
Importance Factor	1	
Hurricane Prone Region (V>100 mph)		
Table C6-4 Values		
Alpha =	7.000	
zg =	1200.000	
At =	0.143	
Bt =	0.840	
Am =	0.250	
Bm =	0.450	
Cc =	0.300	
l =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.52
Flexible Structure	No

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	Cc * (33/z)^0.167	0.3048	
Lzm	l*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.9043	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8685	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	V*(5280/3600)	161.33	ft/s
Vzm	bm*(zm/33)^Am*Vhref	70.89	ft/s
NF1	NatFreq*Lzm/Vzm	4.37	Hz
Rn	(7.47*NF1)/(1+10.302*NF1)^1.667	0.0552	
Nh	4.6*NatFreq*Ht/Vzm	0.95	
Nb	4.6*NatFreq*B/Vzm	2.92	
Nd	15.4*NatFreq*Depth/Vzm	6.08	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.5826	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.2840	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.1509	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.7407	
gg	+(2*LN(3600*n1))^0.5+0.577/(2*LN(3600*n1))^0.5	4.19	
Gust3	0.925*((1+1.7*Izm*(3.4^2*Q^2+GG^2*RR^2)^0.5)/(1+1.7*3.4*Izm))	1.09	

Gust Factor Summary			
Main Wind-force resisting system:		**Components and Cladding:**	
Gust Factor Category:	I	Gust Factor Category:	I
Gust Factor (G)	0.87	Gust Factor (G)	0.87

ASCE 7-02

1/24/08

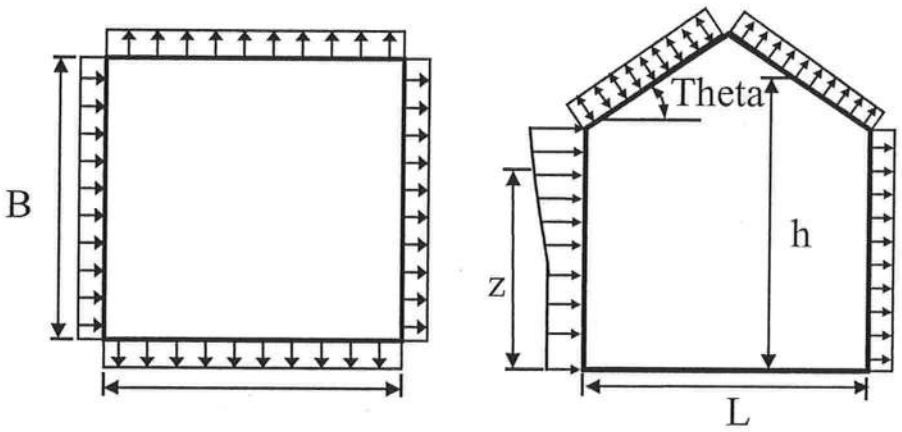
Wind Load Design per ASCE 7-02

6.5.12.2.1 Design Wind Pressure - Buildings of All Heights (Non-flexible)

Elev.	Kz	Kzt	Kd	qz	Pressure (lb/ft^2) Windward Wall*	
ft			1.00	lb/ft^2	+GCpi	-GCpi
17.33	0.70	1.00	1.00	21.70	11.87	18.28
15	0.70	1.00	1.00	21.70	11.87	18.28

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	2.01*(15/zg)^(2/Alpha)	0.57	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	.00256*(V)^2*ImpFac*Kh*Kht*Kd	17.80	psf

Wall Pressure Coefficients, Cp	
Surface	Cp
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.80

Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)	-
Reduction Factor	1.00

Description	Cp	Pressure (psf) +GCpi	-GCpi
Leeward Walls (Wind Dir Parallel to 45 ft wall)	-0.50	-10.94	-4.53
Leeward Walls (Wind Dir Parallel to 28 ft wall)	-0.38	-9.06	-2.65
Side Walls	-0.70	-14.03	-7.62
Roof - Normal to Ridge (Theta>=10)			
Windward - Max Negative	-0.27	-7.46	-1.05
Windward - Max Positive	0.19	-0.20	6.21
Leeward Normal to Ridge	-0.60	-12.48	-6.07
Overhang Top	-0.27	-4.25	-4.25
Overhang Bottom	0.80	0.69	0.69
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 7.29 ft	-0.92	-17.38	-10.97
Dist from Windward Edge: 7.29 ft to 14.58 ft	-0.89	-16.99	-10.58
Dist from Windward Edge: 14.58 ft to 29.16 ft	-0.51	-11.06	-4.65

ASCE 7-02

Wind Load Design per ASCE 7-02

Dist from Windward Edge: > 29.16 ft	-0.32	-8.10	-1.69

* Horizontal distance from windward edge

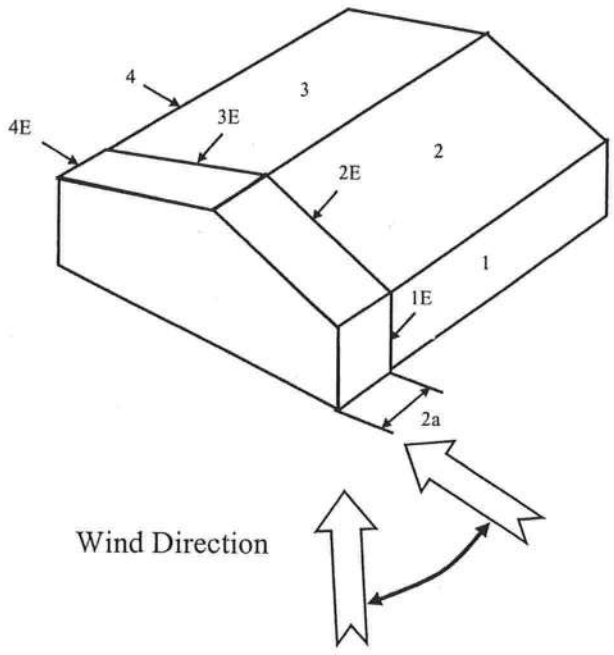
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(15/zg)^(2/Alpha)	=	0.57
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	17.80

Case A						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	0.55	0.18	-0.18	21.70	8.03	15.84
2	-0.10	0.18	-0.18	21.70	-5.99	1.82
3	-0.45	0.18	-0.18	21.70	-13.61	-5.79
4	-0.39	0.18	-0.18	21.70	-12.38	-4.57
5	0.00	0.18	-0.18	21.70	-3.91	3.91
6	0.00	0.18	-0.18	21.70	-3.91	3.91
1E	0.73	0.18	-0.18	21.70	11.88	19.69
2E	-0.19	0.18	-0.18	21.70	-7.93	-0.12
3E	-0.58	0.18	-0.18	21.70	-16.59	-8.78
4E	-0.53	0.18	-0.18	21.70	-15.50	-7.69
5E	0.00	0.18	-0.18	21.70	-3.91	3.91
6E	0.00	0.18	-0.18	21.70	-3.91	3.91

* p = qh * (GCpf - GCpi)



ASCE 7-02

Wind Load Design per ASCE 7-02

Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(15/zg)^(2/Alpha)	=	0.57
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	17.80

Case B						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	-0.45	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.61	0.18	-0.18	21.70	9.33	17.14
6E	-0.43	0.18	-0.18	21.70	-13.24	-5.43

* p = qh * (GCpf - GCpi)

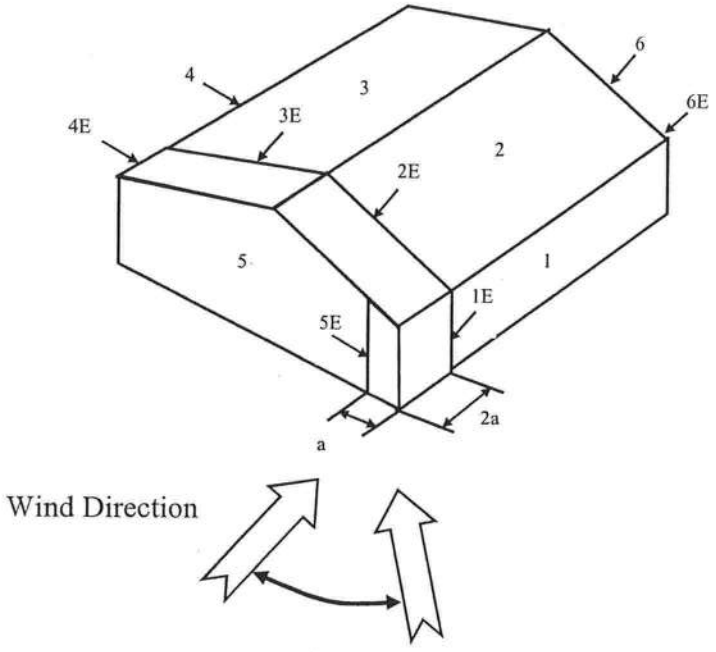


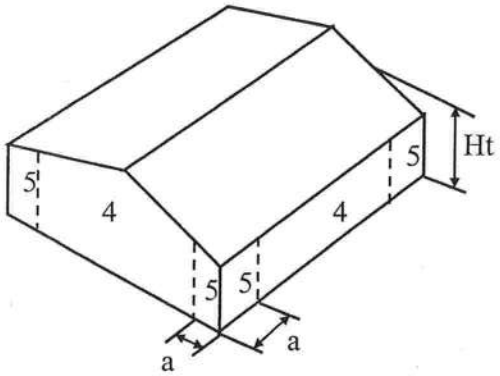
Figure 6-5 - External Pressure Coefficients, GCp

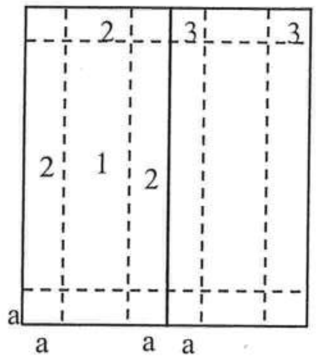
Loads on Components and Cladding for Buildings w/ Ht <= 60 ft

ASCE 7-02

1/24/08

Wind Load Design per ASCE 7-02





Gabled Roof
10 < Theta <= 45

a = 2.8 ==> 3.00 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp Max	GCp Min	Wind Press (lb/ft^2) Max	Wind Press (lb/ft^2) Min
	16	7	112.00	5	0.81	-1.03	17.71	-21.53
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
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	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					

Note: * Enter Zone 1 through 5, or 1H through 3H for overhangs.

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

Condition	Gcpi Max +	Gcpi Max -

ASCE 7-02

Wind Load Design per ASCE 7-02

Open Buildings	0.00	0.00
Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	**0.18**	**-0.18**

Table 6-8 External Pressure Coefficients for Arched Roofs, Cp

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	-1.27	-18.67	-10.94
	P (-GCpi) -psf	5.14	-12.26	-4.53
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.29	-18.67	-10.94
	P (-GCpi) -psf	3.29	-18.67	-10.94

Table 6-9 Force Coefficients for Monoslope Roofs over Open Buildings, Cf

Variable	Description	Value	
L	Roof dimension normal to wind direction	28.00	ft
B	Roof dimension parallel to wind direction	45.00	ft
L/B	Ratio of L to B	0.622	
Theta	Slope of Roof	26.6	Deg
Cf	Force Coefficient	1.15	
X	Distance to center of pressure from windward edge	0.42	ft

Load Short Form
Entire House
LARRY RESMONDO AIR CONDITIONING

Job: BILL AND MARY ROGE...
Date: Jan 28, 2008
By:

Project Information

For: RANDY HUNT, CLAYTON CONTRACTING

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	52

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make Ruud
Trade Ruud UPNE Series
Model UPNE-042J*Z

Efficiency	8.2 HSPF
Heating input	
Heating output	41500 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	1367 cfm
Air flow factor	0.037 cfm/Btuh
Static pressure	0.10 in H2O
Space thermostat	

COOLING EQUIPMENT

Make Ruud
Trade Ruud UPNE Series
Cond UPNE-042J*Z
Coil UBHK-24+RCHJ-48A1

Efficiency	13 SEER
Sensible cooling	28700 Btuh
Latent cooling	12300 Btuh
Total cooling	41000 Btuh
Actual air flow	1367 cfm
Air flow factor	0.046 cfm/Btuh
Static pressure	0.10 in H2O
Load sensible heat ratio	0.83

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
KITCHEN ENTRY	37	1883	931	70	43
KITCHEN	216	4003	6582	149	301
DINING	173	6042	2822	225	129
LAUNDRY	47	890	3737	33	171
1/2 BATH	28	363	137	14	6
HALL/CLOSET	56	81	1762	3	81
POWDER ROOM	40	704	231	26	11
STUDY	132	1418	974	53	45
BEDROOM 3	181	4117	2302	153	105
BATH 2	110	2629	1025	98	47
LONG HALL	67	96	179	4	8
BEDROOM 2	135	2489	1880	92	86
LIVING ROOM	323	3332	2718	124	124
M/BEDROOM	240	5472	3472	203	159
W.I.C. 1	39	594	206	22	9
W.I.C. 2	42	1407	370	52	17
MASTER BATH	127	1259	546	47	25

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Entire House	d	1992	36780	29875	1367	1367
Other equip loads			1621	745		
Equip. @ 0.97 RSM				29701		
Latent cooling				6175		
TOTALS		1992	38401	35876	1367	1367

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

Building Analysis
Entire House
LARRY RESMONDO AIR CONDITIONING

Job: BILL AND MARY ROGE...
Date: Jan 28, 2008
By:

Project Information

For: RANDY HUNT, CLAYTON CONTRACTING

Design Conditions

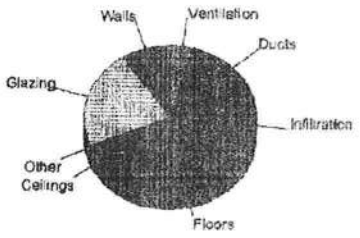
Location:
Gainesville, FL, US
Elevation: 0 ft
Latitude: 30°N

Outdoor:	Heating	Cooling
Dry bulb (°F)	33	92
Daily range (°F)	-	19 (M)
Wet bulb (°F)	-	77
Wind speed (mph)	15.0	7.5

Indoor:	Heating	Cooling
Indoor temperature (°F)	70	75
Design TD (°F)	37	17
Relative humidity (%)	30	50
Moisture difference (gr/lb)	10.6	51.6
Infiltration:		
Method	Simplified	
Construction quality	Average	
Fireplaces	0	

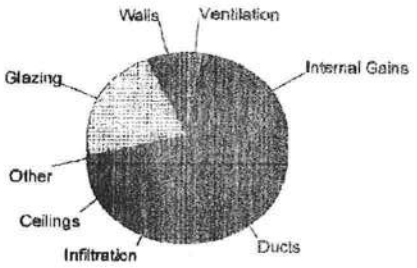
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	1.1	3701	9.6
Glazing	26.6	8412	21.9
Doors	14.4	303	0.8
Ceilings	1.2	2359	6.1
Floors	5.7	11356	29.6
Infiltration	2.3	4108	10.7
Ducts		6542	17.0
Piping		0	0.0
Humidification		0	0.0
Ventilation		1621	4.2
Adjustments		0	
Total		**38401**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	0.6	2006	6.5
Glazing	21.8	6895	22.5
Doors	11.4	239	0.8
Ceilings	2.0	3994	13.0
Floors	0.0	0	0.0
Infiltration	0.5	993	3.2
Ducts		7629	24.9
Ventilation		745	2.4
Internal gains		8120	26.5
Blower		0	0.0
Adjustments		0	
Total		**30620**	**100.0**



Overall U-value = 0.154 Btuh/ft²-°F

Data entries checked.

Project Summary
Entire House
LARRY RESMONDO AIR CONDITIONING

Job: BILL AND MARY ROGE...
Date: Jan 28, 2008
By:

Project Information

For: RANDY HUNT, CLAYTON CONTRACTING

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33	°F
Inside db	70	°F
Design TD	37	°F

Summer Design Conditions

Outside db	92	°F
Inside db	75	°F
Design TD	17	°F
Daily range	M	
Relative humidity	50	%
Moisture difference	52	gr/lb

Heating Summary

Structure	30238	Btuh
Ducts	6542	Btuh
Central vent (40 cfm)	1621	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	38401	Btuh

Sensible Cooling Equipment Load Sizing

Structure	22246	Btuh
Ducts	7629	Btuh
Central vent (40 cfm)	745	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.97	
Equipment sensible load	29701	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1992	1992
Volume (ft³)	15936	15936
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	101	53

Latent Cooling Equipment Load Sizing

Structure	2662	Btuh
Ducts	2116	Btuh
Central vent (40 cfm)	1397	Btuh
Equipment latent load	6175	Btuh
Equipment total load	35876	Btuh
Req. total capacity at 0.70 SHR	3.5	ton

Heating Equipment Summary

Make	Ruud
Trade	Ruud UPNE Series
Model	UPNE-042J*Z

Efficiency	8.2 HSPF	
Heating input		
Heating output	41500	Btuh @ 47°F
Temperature rise	28	°F
Actual air flow	1367	cfm
Air flow factor	0.037	cfm/Btuh
Static pressure	0.10	in H2O
Space thermostat		

Cooling Equipment Summary

Make	Ruud
Trade	Ruud UPNE Series
Cond	UPNE-042J*Z
Coil	UBHK-24+RCHJ-48A1

Efficiency	13 SEER	
Sensible cooling	28700	Btuh
Latent cooling	12300	Btuh
Total cooling	41000	Btuh
Actual air flow	1367	cfm
Air flow factor	0.046	cfm/Btuh
Static pressure	0.10	in H2O
Load sensible heat ratio	0.83	

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

Duct System Summary
Entire House
LARRY RESMONDO AIR CONDITIONING

Job: BILL AND MARY ROGE...
Date: Jan 28, 2008
By:

Project Information

For: RANDY HUNT, CLAYTON CONTRACTING

	Heating	Cooling
External static pressure	***0.10*** in H2O	***0.10*** in H2O
Pressure losses	0.25 in H2O	0.25 in H2O
Available static pressure	-0.2 in H2O	-0.2 in H2O
Supply / return available pressure	-0.10 / -0.05 in H2O	-0.10 / -0.05 in H2O
Lowest friction rate	***0.100*** in/100ft	***0.100*** in/100ft
Actual air flow	1367 cfm	1367 cfm
Total effective length (TEL)	330 ft	

Supply Branch Detail Table

Name		Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
KITCHEN ENTRY	h	1883	70	43	0.100	6	12x2	VlFx	210.0	0.0	st1
KITCHEN A	c	3291	74	151	0.100	8	12x5	VlFx	210.0	0.0	st1
KITCHEN	c	3291	74	151	0.100	8	12x5	VlFx	210.0	0.0	st1
DINING	h	6042	225	129	0.100	9	12x6	VlFx	210.0	0.0	st1
LAUND-	c	3737	33	171	0.100	8	12x5	VlFx	210.0	0.0	st1A
1/2 BATH	h	363	14	6	0.100	4	12x1	VlFx	210.0	0.0	st1
HALL/CLOSET	c	1762	3	81	0.100	6	12x3	VlFx	210.0	0.0	st1
POWDER ROOM	h	704	26	11	0.100	4	12x1	VlFx	210.0	0.0	st1
STUDY	h	1418	53	45	0.100	5	12x2	VlFx	210.0	0.0	st1
BEDROOM 3	h	4117	153	105	0.100	8	12x5	VlFx	210.0	0.0	st1
BATH 2	h	2629	98	47	0.100	7	12x3	VlFx	210.0	0.0	st1
LONG HALL	c	179	4	8	0.100	4	12x1	VlFx	210.0	0.0	st1
BEDRO M 2	h	2489	92	86	0.100	7	12x3	VlFx	210.0	0.0	st1
LIVING OOM	c	2718	124	124	0.100	7	12x4	VlFx	210.0	0.0	st1
M/BEDR OM	h	5472	203	159	0.100	9	12x6	VlFx	210.0	0.0	st1
W.I.C. 1	h	594	22	9	0.100	4	12x1	VlFx	210.0	0.0	st1
W.I.C. 2	h	1407	52	17	0.100	5	12x2	VlFx	210.0	0.0	st1
MASTER BATH	h	1259	47	25	0.100	5	12x1	VlFx	210.0	0.0	st1

Supply Trunk Detail Table

Nam	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	1367	1367	0.100	946	16	16 x 13	RectFbg	
st1A	Peak AVF	33	171	0.100	308	10	16 x 5	RectFbg	st1

Bold/italic values have been manually overridden

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb2	0x0	153	105	120.0	0.100	441	8	10x 5		VlFx	
rb3	0x0	92	86	120.0	0.100	333	7	10x 4		VlFx	
rb4	0x0	124	124	120.0	0.100	448	7	10x 4		VlFx	
rb5	x0	203	159	120.0	0.100	418	9	10x 7		VlFx	

0801-157

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 101 SE Jefferson Glen **Project Name:** Rogers

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	Masonite int.	Metal, Glazed	4904.6
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	Better Built	Allum. insul.	8455.2
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			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	Millennium	29ga.	7809.2
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			

08-01-157

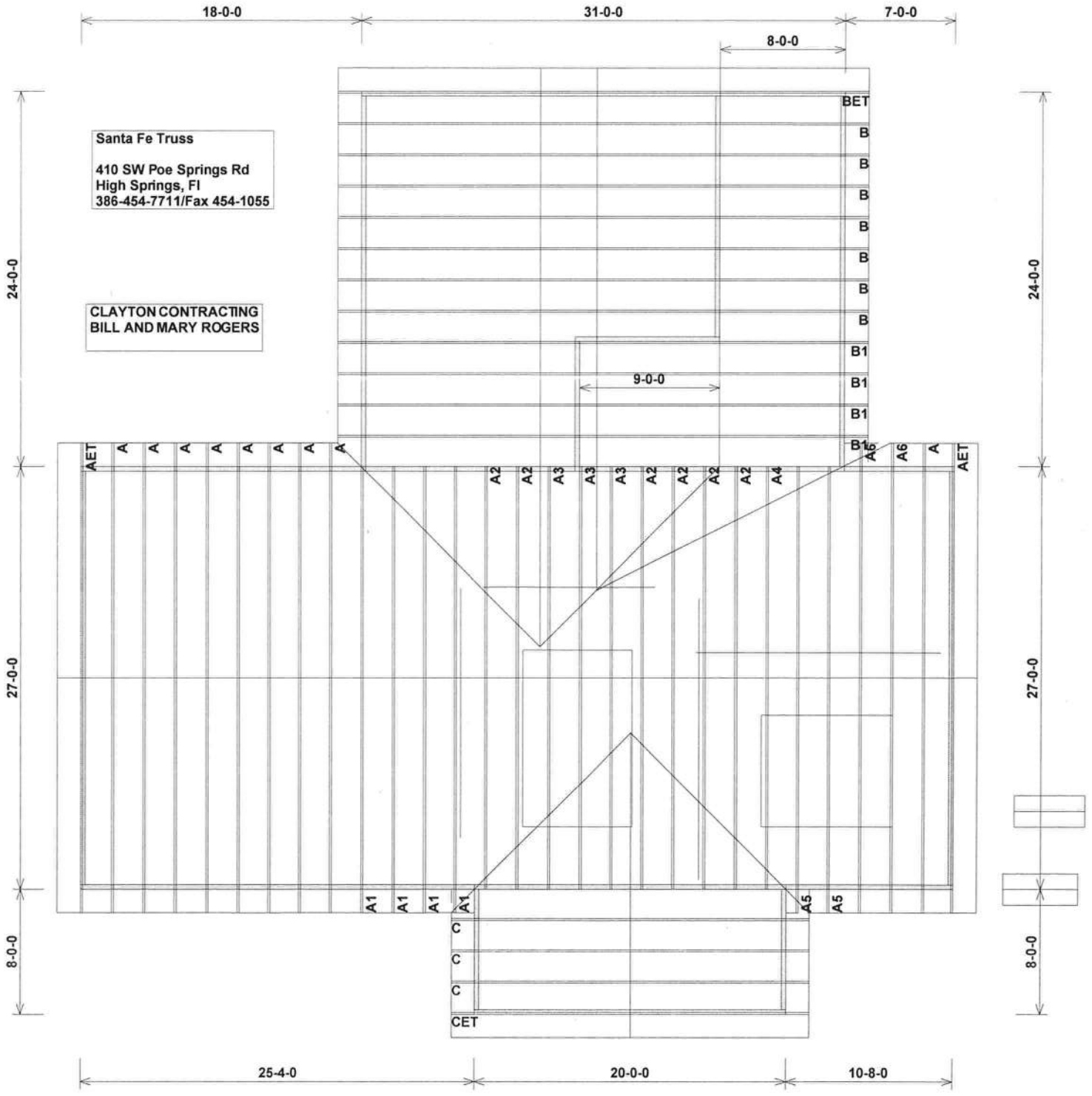
PRODUCT APPROVAL SPECIFICATION SHEET

Location: 101 SE Jefferson Glen **Project Name:** Rogers

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	Masonite int.	Metal, Glazed	4904.6
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	Better Built	Alum. insul.	8455.2
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			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	Millennium	29ga.	7809.2
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			

0801-157


18-0-0
31-0-0
7-0-0
8-0-0
Santa Fe Truss
410 SW Poe Springs Rd
High Springs, Fl
386-454-7711/Fax 454-1055
CLAYTON CONTRACTING
BILL AND MARY ROGERS
BET
B
B1
9-0-0
24-0-0
27-0-0
8-0-0
AET
A
A2
A3
A4
A5
A6
A1
C
CET
25-4-0
20-0-0
10-8-0

ENGINEERING BY
TRENCO
A MiTek Affiliate

RE: CCROGE - ROGERS, BILL AND MARY

Trenco
818 Soundside Rd
Edenton, NC 27932

Site Information:
Project Customer: RANDY HUNT Project Name: ROGERS
Lot/Block: Subdivision:
Address: 101 JEFFERSON GLEN
City: HIGH SPRING State: FL

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

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2004/TPI2002 Design Program: MiTek 20/20 6.5
Wind Code: ASCE 7-02 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 13 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.
This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

No.	Seal#	Truss Name	Date
1	E4637107	A	1/28/08
2	E4637108	A1	1/28/08
3	E4637109	A2	1/28/08
4	E4637110	A3	1/28/08
5	E4637111	A4	1/28/08
6	E4637112	A5	1/28/08
7	E4637113	A6	1/28/08
8	E4637114	AET	1/28/08
9	E4637115	B	1/28/08
10	E4637116	B1	1/28/08
11	E4637117	BET	1/28/08
12	E4637118	C	1/28/08
13	E4637119	CET	1/28/08

The truss drawing(s) referenced above have been prepared by TRENCO under my direct supervision based on the parameters provided by Santa Fe Truss.
Truss Design Engineer's Name: Strzyzewski, Marvin
My license renewal date for the state of is February 28, 2009.

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

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 28,2008
Strzyzewski, Marvin

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637107
CCROGE	A	ROOF TRUSS	9	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:06 2008 Page 1

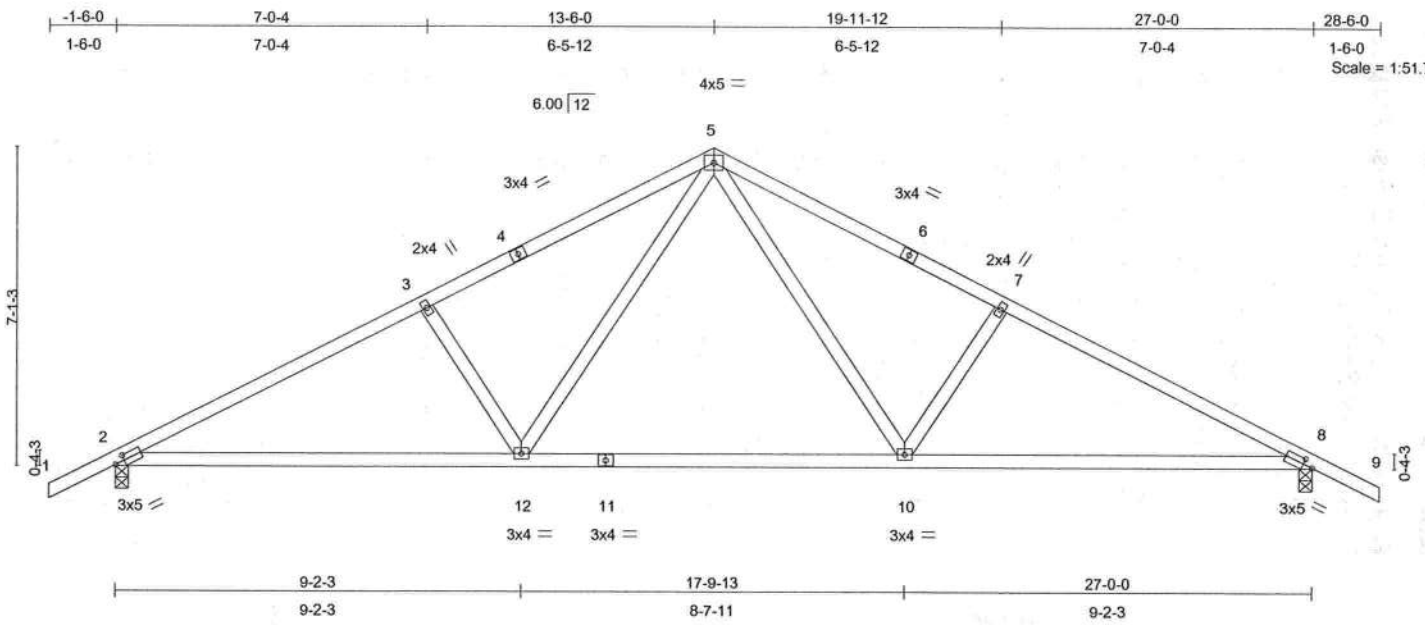


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [8:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.14	8-10	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.40	8-10	>805	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.06	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 125 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1167/0-3-8, 8=1167/0-3-8
Max Horz 2=-106(LC 6)
Max Uplift2=-181(LC 5), 8=-181(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/39, 2-3=-1859/194, 3-4=-1636/179, 4-5=-1544/205, 5-6=-1544/206, 6-7=-1636/179, 7-8=-1859/194, 8-9=0/39
BOT CHORD 2-12=-172/1579, 11-12=-33/1062, 10-11=-33/1062, 8-10=-66/1579
WEBS 3-12=-386/182, 5-12=-76/615, 5-10=-76/615, 7-10=-386/182

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 181 lb uplift at joint 2 and 181 lb uplift at joint 8.

LOAD CASE(S) Standard

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FL COA #7239

January 28,2008

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637108
CCROGE	A1	ROOF TRUSS	4	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:07 2008 Page 1

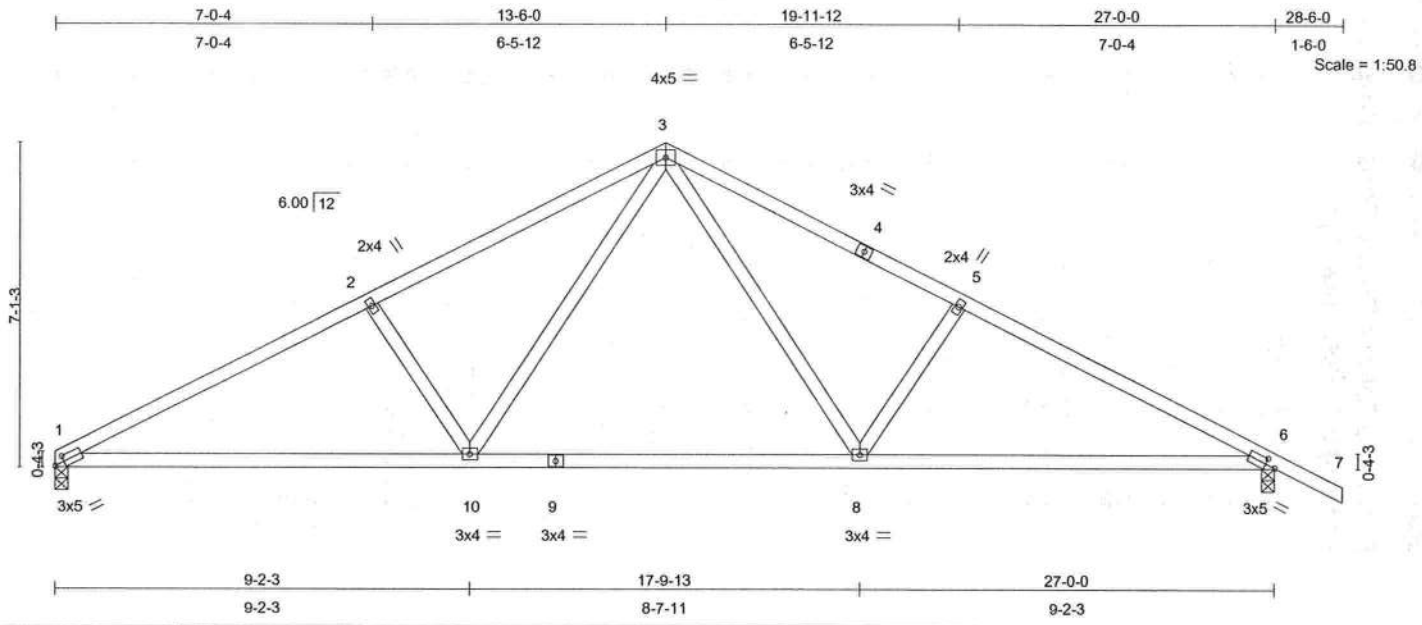

Plate Offsets (X,Y): [1:0-2-10,0-1-8], [6:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.14	6-8	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.41	1-10	>779	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.06	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 123 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=1065/0-3-8, 6=1170/0-3-8
Max Horz 1=-116(LC 6)
Max Uplift1=-112(LC 5), 6=-181(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1859/210, 2-3=-1654/221, 3-4=-1550/206, 4-5=-1642/180, 5-6=-1865/195, 6-7=0/39
BOT CHORD 1-10=-189/1599, 9-10=-38/1068, 8-9=-38/1068, 6-8=-71/1585
WEBS 2-10=-395/189, 3-10=-90/632, 3-8=-76/614, 5-8=-386/182

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 1 and 181 lb uplift at joint 6.

LOAD CASE(S) Standard

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Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 28,2008

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637109
CCROGE	A2	ROOF TRUSS	6	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:08 2008 Page 1

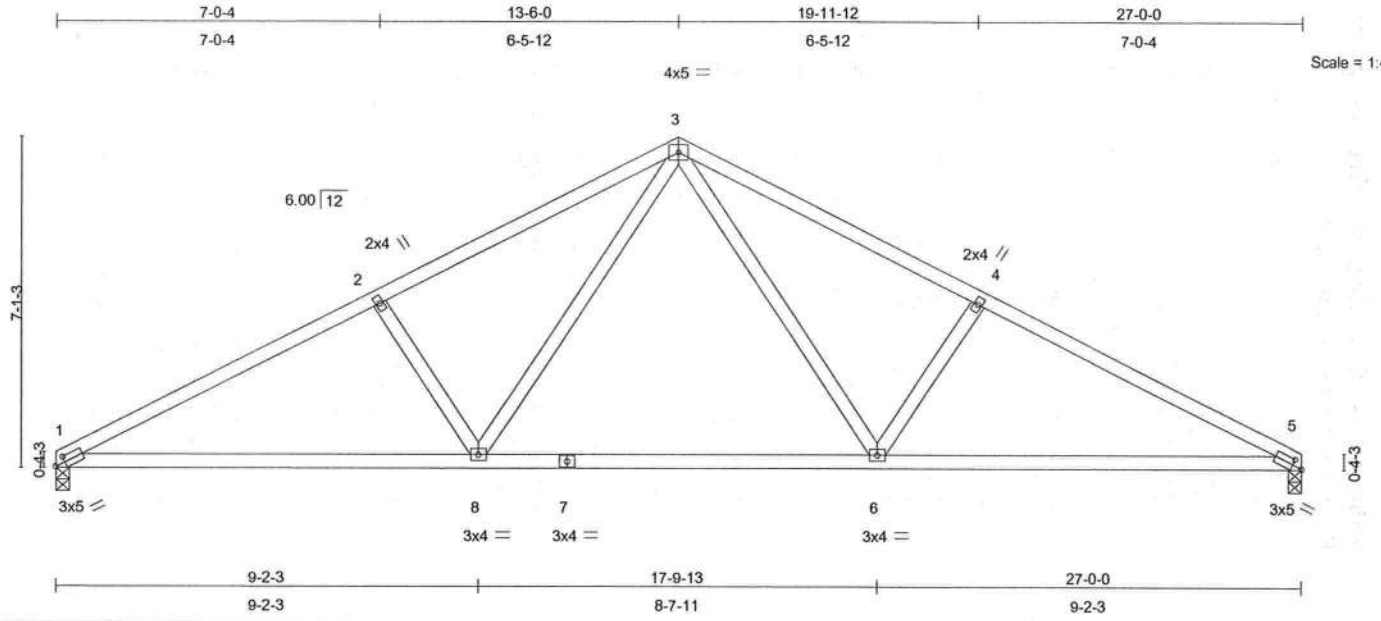

Plate Offsets (X,Y): [1:0-2-10,0-1-8], [5:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.14	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.41	5-6	>777	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.06	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 120 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=1068/0-3-8, 5=1068/0-3-8
Max Horz 1=-87(LC 3)
Max Uplift1=-112(LC 5), 5=-112(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1865/210, 2-3=-1660/221, 3-4=-1660/221, 4-5=-1865/211
BOT CHORD 1-8=-199/1605, 7-8=-49/1074, 6-7=-49/1074, 5-6=-119/1605
WEBS 2-8=-395/190, 3-8=-90/631, 3-6=-90/631, 4-6=-395/190

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 1 and 112 lb uplift at joint 5.

LOAD CASE(S) Standard

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Edenton, NC 27932
FL COA #7239

January 28,2008

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637110
CCROGE	A3	ROOF TRUSS	3	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:09 2008 Page 1

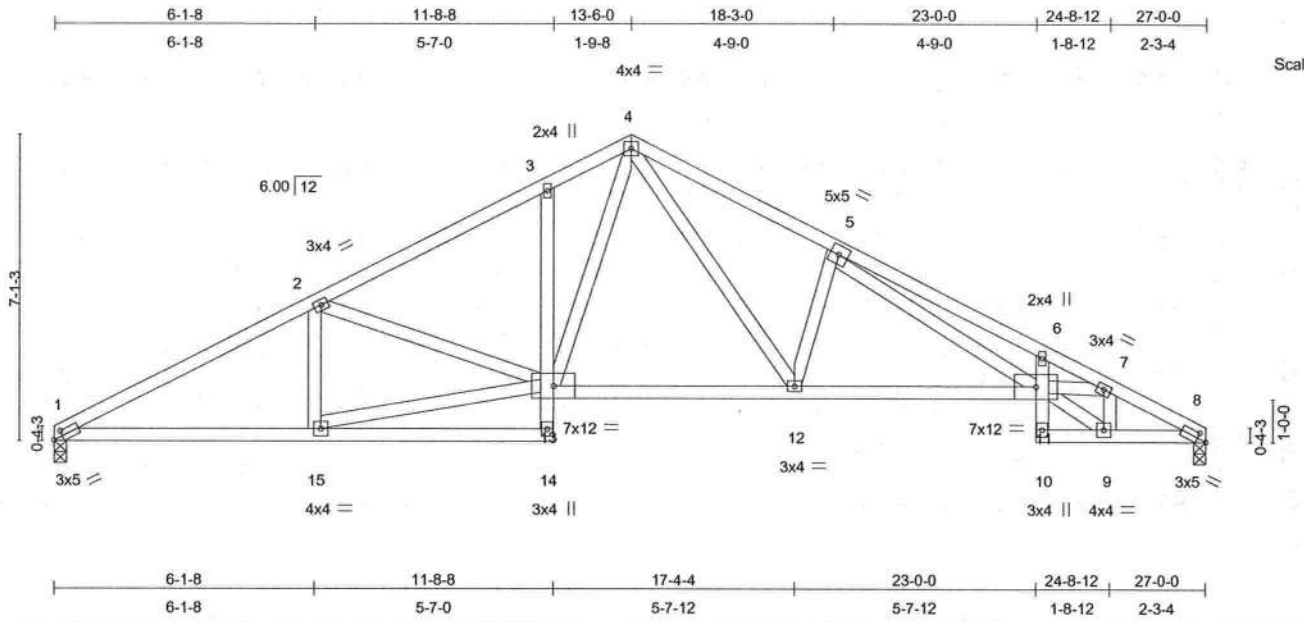

Plate Offsets (X,Y): [1:0-2-10,0-1-8], [8:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.16	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.82	Vert(TL)	-0.42	11-12	>757	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.18	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 154 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
6-0-0 oc bracing: 3-13, 6-11

REACTIONS (lb/size) 1=1068/0-3-8, 8=1068/0-3-8
Max Horz 1=87(LC 4)
Max Uplift1=-112(LC 5), 8=-112(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1965/202, 2-3=-1710/189, 3-4=-1645/239, 4-5=-2010/249, 5-6=-3754/418, 6-7=-3615/339, 7-8=-1996/207
BOT CHORD 1-15=-199/1680, 14-15=-5/122, 13-14=0/105, 3-13=-216/104, 12-13=-43/1238, 11-12=-83/1889, 10-11=-5/117, 6-11=-168/101, 9-10=-51/334, 8-9=-157/1725
WEBS 2-15=-155/88, 13-15=-197/1584, 2-13=-301/115, 4-13=-133/699, 4-12=-142/895, 5-12=-583/179, 5-11=-228/1758, 9-11=-126/1645, 7-11=-95/1479, 7-9=-972/99

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 1 and 112 lb uplift at joint 8.

LOAD CASE(S) Standard

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Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 28,2008

ENGINEERING BY TRENCO
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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637111
CCROGE	A4	ROOF TRUSS	1	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:10 2008 Page 1

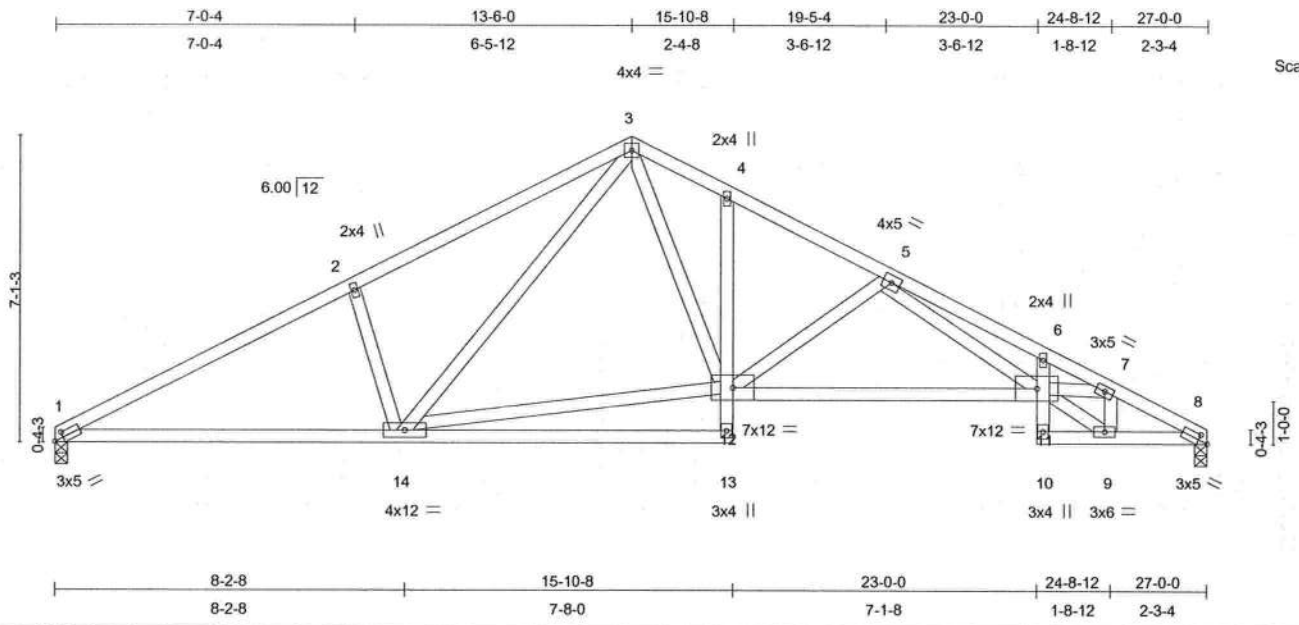

Plate Offsets (X,Y): [1:0-2-10,0-1-8], [8:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.15	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.43	11-12	>743	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.16	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 152 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D *Except*
4-13 2 X 4 SYP No.3, 6-10 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
6-0-0 oc bracing: 4-12, 6-11

REACTIONS (lb/size) 1=1068/0-3-8, 8=1068/0-3-8
Max Horz 1=87(LC 4)
Max Uplift1=-112(LC 5), 8=-112(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1905/203, 2-3=-1780/263, 3-4=-1638/214, 4-5=-1751/173, 5-6=-3803/361, 6-7=-3653/330, 7-8=-2001/207
BOT CHORD 1-14=-192/1622, 13-14=0/87, 12-13=0/143, 4-12=-115/71, 11-12=-122/2063, 10-11=-6/110, 6-11=-107/60, 9-10=-54/267
, 8-9=-158/1731
WEBS 2-14=-385/193, 3-14=-130/570, 12-14=-60/1109, 3-12=-96/804, 5-12=-680/159, 5-11=-134/1679, 9-11=-122/1732,
7-11=-84/1498, 7-9=-1011/98

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 1 and 112 lb uplift at joint 8.

LOAD CASE(S) Standard

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Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 28,2008

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637112
CCROGE	A5	ROOF TRUSS	2	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:10 2008 Page 1

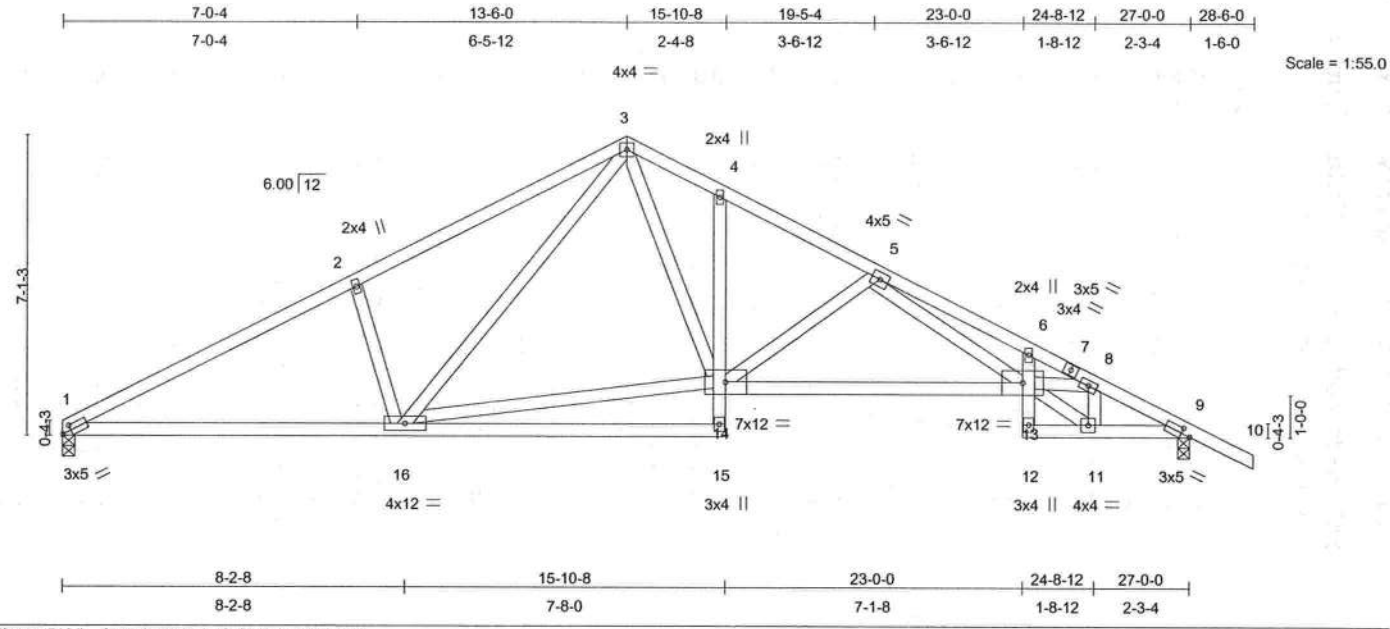

Plate Offsets (X,Y): [1:0-2-10,0-1-8], [9:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.14	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.43	13-14	>754	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.16	9	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 154 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D *Except*
4-15 2 X 4 SYP No.3, 6-12 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
6-0-0 oc bracing: 4-14, 6-13

REACTIONS (lb/size) 1=1065/0-3-8, 9=1170/0-3-8
Max Horz 1=-116(LC 6)
Max Uplift1=-112(LC 5), 9=-181(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1899/202, 2-3=-1773/263, 3-4=-1627/197, 4-5=-1739/164, 5-6=-3731/263, 6-7=-3546/233, 7-8=-3580/228, 8-9=-1928/141, 9-10=0/39
BOT CHORD 1-16=-182/1616, 15-16=0/88, 14-15=0/143, 4-14=-116/73, 13-14=-89/2041, 12-13=-9/116, 6-13=-117/69, 11-12=-45/262, 9-11=-63/1652
WEBS 2-16=-385/193, 3-16=-132/570, 14-16=-49/1102, 3-14=-80/795, 5-14=-666/140, 5-13=-62/1625, 11-13=-30/1644, 8-13=-66/1516, 8-11=-994/63

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 1 and 181 lb uplift at joint 9.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 28,2008

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637113
CCROGE	A6	ROOF TRUSS	2	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:11 2008 Page 1

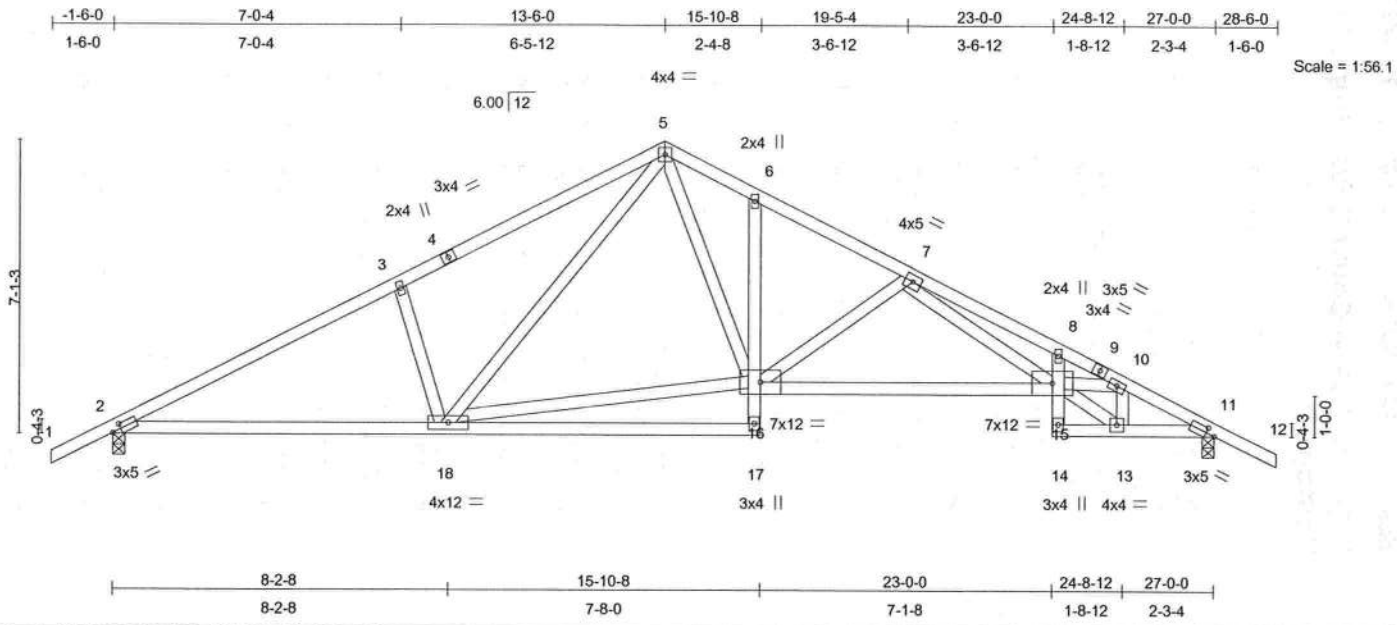

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [11:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.14	15-16	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.42	15-16	>756	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.16	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 157 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D *Except*
6-17 2 X 4 SYP No.3, 8-14 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
6-0-0 oc bracing: 6-16, 8-15

REACTIONS (lb/size) 2=1167/0-3-8, 11=1167/0-3-8
Max Horz 2=-106(LC 6)
Max Uplift2=-181(LC 5), 11=-181(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/39, 2-3=-1878/185, 3-4=-1751/218, 4-5=-1658/244, 5-6=-1618/196, 6-7=-1731/158, 7-8=-3719/262, 8-9=-3534/232, 9-10=-3568/227, 10-11=-1921/140, 11-12=0/39
BOT CHORD 2-18=-164/1594, 17-18=0/92, 16-17=0/144, 6-16=-115/73, 15-16=-82/2033, 14-15=-9/115, 8-15=-117/69, 13-14=-45/261, 11-13=-59/1646
WEBS 3-18=-377/186, 5-18=-116/551, 16-18=-40/1091, 5-16=-79/794, 7-16=-665/140, 7-15=-61/1621, 13-15=-26/1639, 10-15=-66/1511, 10-13=-991/62

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 181 lb uplift at joint 2 and 181 lb uplift at joint 11.

LOAD CASE(S) Standard

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818 Soundside Road
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January 28,2008

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637114
CCROGE	AET	GABLE	2	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:13 2008 Page 1

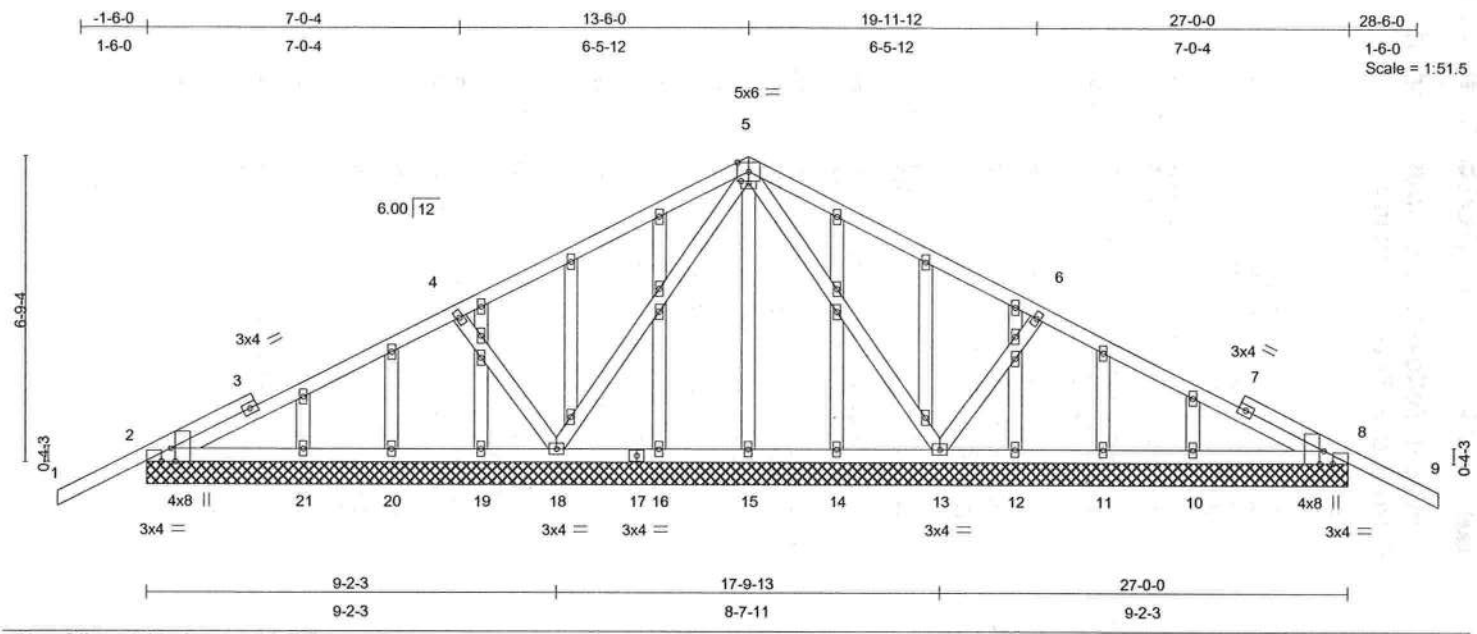

Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-2-8,Edge], [5:0-2-0,0-0-8], [8:0-3-8,Edge], [8:0-2-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	0.01	9	n/r	120	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	0.02	9	n/r	120		
BCLL	0.0	Rep Stress Incr	YES	WB	0.80	Horz(TL)	0.01	13	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 186 lb	

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

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

REACTIONS (lb/size) 2=444/27-0-0, 8=246/27-0-0, 13=941/27-0-0, 15=-34/27-0-0, 16=206/27-0-0, 19=276/27-0-0, 20=-99/27-0-0, 21=180/27-0-0, 14=64/27-0-0, 12=47/27-0-0, 11=4/27-0-0, 10=125/27-0-0
Max Horz 2=-112(LC 6)
Max Uplift 2=-164(LC 5), 8=-128(LC 6), 13=-218(LC 6), 15=-34(LC 1), 16=-25(LC 5), 19=-52(LC 5), 20=-99(LC 1)
Max Grav 2=459(LC 7), 8=291(LC 8), 13=941(LC 1), 15=42(LC 2), 16=206(LC 1), 19=276(LC 1), 20=53(LC 5), 21=180(LC 1), 14=99(LC 2), 12=78(LC 2), 11=55(LC 2), 10=147(LC 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/52, 2-3=-453/64, 3-4=-385/94, 4-5=-227/99, 5-6=-62/502, 6-7=-63/270, 7-8=-79/180, 8-9=0/52
BOT CHORD 2-21=-85/344, 20-21=-85/344, 19-20=-85/344, 18-19=-85/344, 17-18=-1/156, 16-17=-1/156, 15-16=-1/156, 14-15=-1/156, 13-14=-1/156, 12-13=-170/112, 11-12=-170/112, 10-11=-170/112, 8-10=-170/112
WEBS 4-18=-394/184, 5-18=-61/123, 5-13=-733/172, 6-13=-384/182

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1-2002.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 164 lb uplift at joint 2, 128 lb uplift at joint 8, 218 lb uplift at joint 13, 34 lb uplift at joint 15, 25 lb uplift at joint 16, 52 lb uplift at joint 19 and 99 lb uplift at joint 20.

LOAD CASE(S) Standard

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January 28,2008

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637115
CCROGE	B	ROOF TRUSS	7	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:14 2008 Page 1

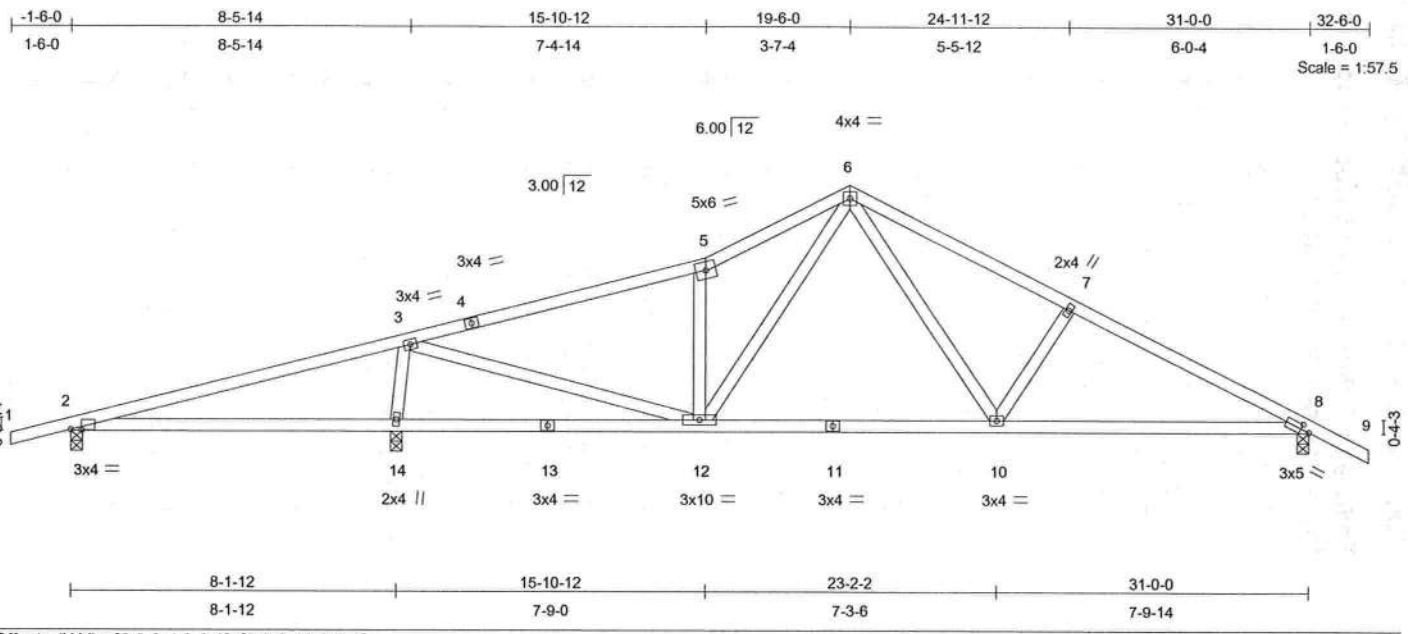

Plate Offsets (X,Y): [2:0-3-4,0-0-2], [8:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	-0.07	8-10	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.21	2-14	>455	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 145 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-1-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=307/0-3-8, 14=1379/0-3-8, 8=969/0-3-8
Max Horz 2=-100(LC 6)
Max Uplift2=-111(LC 3), 14=-166(LC 5), 8=-168(LC 6)
Max Grav 2=322(LC 7), 14=1379(LC 1), 8=969(LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-67/311, 3-4=-1132/106, 4-5=-1069/122, 5-6=-1235/200, 6-7=-1299/178, 7-8=-1486/167, 8-9=0/39
BOT CHORD 2-14=-234/87, 13-14=-76/71, 12-13=-76/71, 11-12=-10/810, 10-11=-10/810, 8-10=-51/1256
WEBS 3-14=-1188/243, 3-12=-60/1145, 5-12=-577/183, 6-12=-108/508, 6-10=-62/523, 7-10=-321/154

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 2, 166 lb uplift at joint 14 and 168 lb uplift at joint 8.

LOAD CASE(S) Standard

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January 28,2008

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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637116
CCROGE	B1	ROOF TRUSS	4	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:15 2008 Page 1

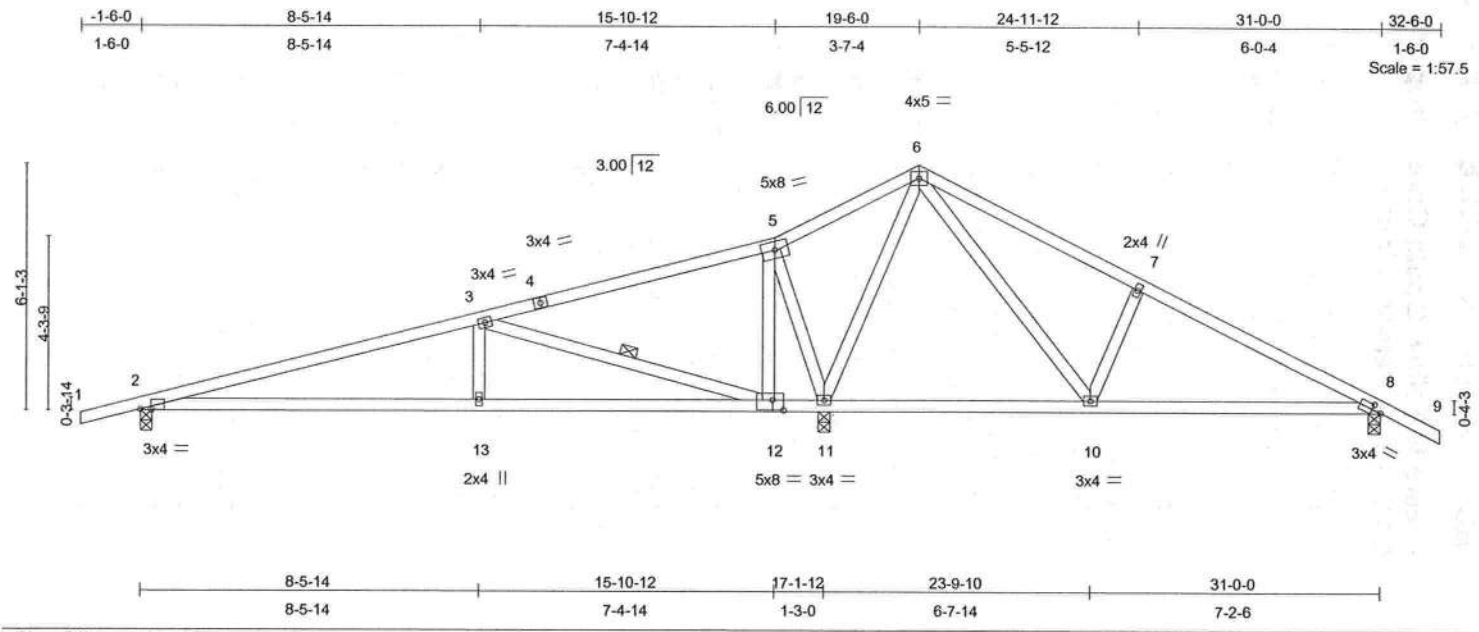

Plate Offsets (X,Y): [2:0-3-4,0-0-2], [8:0-2-10,0-1-8], [12:0-3-4,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	-0.10	2-13	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.32	2-13	>645	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.82	Horz(TL)	0.02	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 149 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-12

REACTIONS (lb/size) 2=560/0-3-8, 11=1719/0-3-8, 8=376/0-3-8
Max Horz 2=-100(LC 6)
Max Uplift2=-144(LC 3), 11=-193(LC 5), 8=-147(LC 6)
Max Grav 2=574(LC 7), 11=1719(LC 1), 8=487(LC 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-828/128, 3-4=-78/594, 4-5=-68/691, 5-6=-60/924, 6-7=-322/251, 7-8=-455/212, 8-9=0/39
BOT CHORD 2-13=-110/747, 12-13=-110/747, 11-12=-628/142, 10-11=-403/146, 8-10=-159/340
WEBS 3-13=0/354, 3-12=-1374/232, 5-12=-18/445, 5-11=-591/142, 6-11=-1178/94, 6-10=-88/584, 7-10=-341/156

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 2, 193 lb uplift at joint 11 and 147 lb uplift at joint 8.

LOAD CASE(S) Standard

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Edenton, NC 27932
FL COA #7239

January 28,2008

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Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637117
CCROGE	BET	GABLE	1	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:16 2008 Page 1

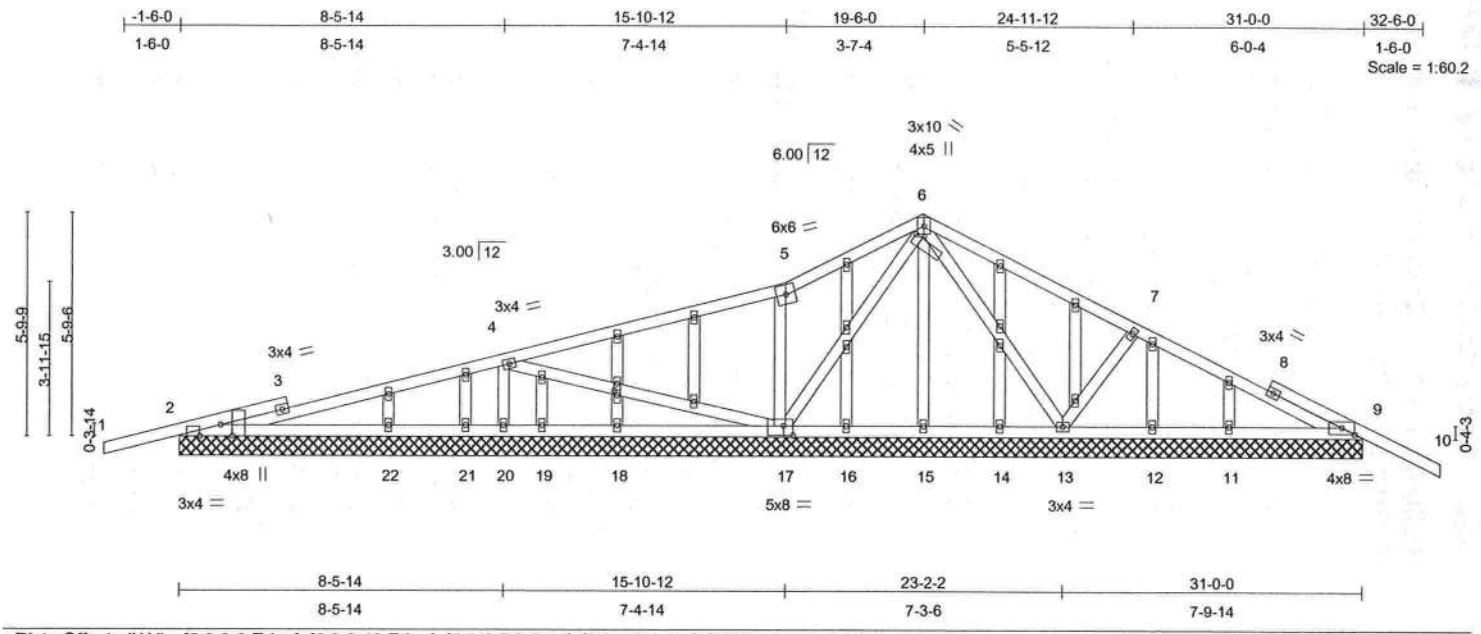

Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-6-12,Edge], [6:0-2-5,0-0-14], [9:0-4-0,0-2-1], [17:0-3-0,0-3-0], [27:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.00	10	n/r	120	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.21	Vert(TL)	-0.00	10	n/r	120		
BCLL	0.0	Rep Stress Incr	YES	WB	0.21	Horz(TL)	-0.01	9	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 190 lb	

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

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

REACTIONS (lb/size) 2=300/31-0-0, 9=312/31-0-0, 20=672/31-0-0, 17=503/31-0-0, 13=539/31-0-0, 15=47/31-0-0, 16=16/31-0-0, 18=79/31-0-0, 19=1/31-0-0, 21=-78/31-0-0, 22=183/31-0-0, 14=31/31-0-0, 12=22/31-0-0, 11=93/31-0-0
Max Horz 2=-107(LC 6)
Max Uplift 2=-121(LC 3), 9=-144(LC 6), 20=-185(LC 3), 17=-123(LC 5), 13=-132(LC 6), 21=-78(LC 7)
Max Grav 2=301(LC 7), 9=320(LC 8), 20=678(LC 7), 17=503(LC 1), 13=541(LC 8), 15=93(LC 2), 16=33(LC 2), 18=156(LC 2), 19=14(LC 2), 21=13(LC 3), 22=235(LC 2), 14=64(LC 2), 12=68(LC 2), 11=134(LC 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/28, 2-3=-135/345, 3-4=-124/420, 4-5=-56/211, 5-6=0/210, 6-7=-12/272, 7-8=-30/51, 8-9=-92/21, 9-10=0/52
BOT CHORD 2-22=-348/127, 21-22=-348/127, 20-21=-348/127, 19-20=-348/127, 18-19=-348/127, 17-18=-348/127, 16-17=-34/140, 15-16=-34/140, 14-15=-34/140, 13-14=-34/140, 12-13=-21/68, 11-12=-21/68, 9-11=-21/68
WEBS 4-20=-604/197, 4-17=-17/212, 5-17=-319/148, 6-17=-218/19, 6-13=-269/32, 7-13=-331/155

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1-2002.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 2, 144 lb uplift at joint 9, 185 lb uplift at joint 20, 123 lb uplift at joint 17, 132 lb uplift at joint 13 and 78 lb uplift at joint 21.

LOAD CASE(S) Standard

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January 28,2008

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Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637118
CCROGE	C	ROOF TRUSS	3	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:17 2008 Page 1

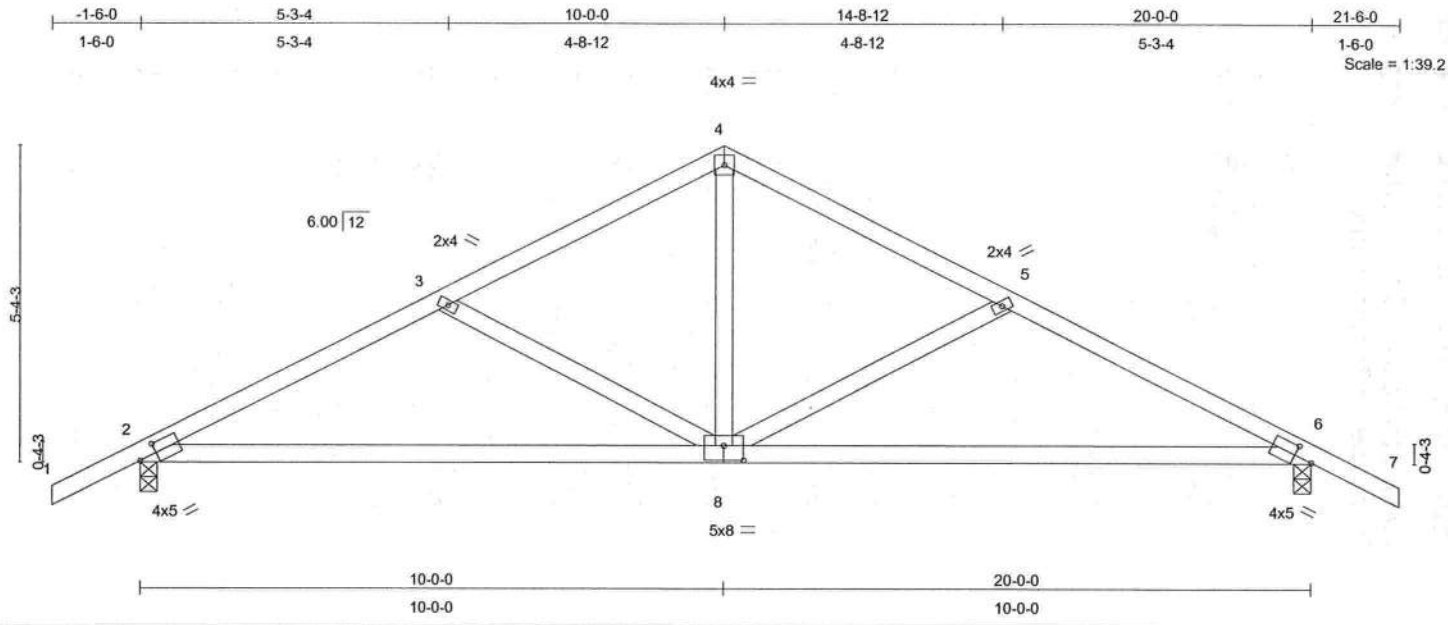


Plate Offsets (X,Y): [2:0-3-10,0-2-0], [6:0-3-10,0-2-0], [8:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.14	2-8	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.38	2-8	>622	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.19	Horz(TL)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 91 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=887/0-3-8, 6=887/0-3-8
Max Horz 2=86(LC 5)
Max Uplift2=-152(LC 5), 6=-152(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/39, 2-3=-1294/150, 3-4=-980/102, 4-5=-980/102, 5-6=-1294/151, 6-7=0/39
BOT CHORD 2-8=-126/1109, 6-8=-53/1109
WEBS 3-8=-352/145, 4-8=0/582, 5-8=-352/145

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 152 lb uplift at joint 2 and 152 lb uplift at joint 6.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 28,2008

Job	Truss	Truss Type	Qty	Ply	ROGERS, BILL AND MARY	E4637119
CCROGE	CET	GABLE	1	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Jan 25 15:39:18 2008 Page 1

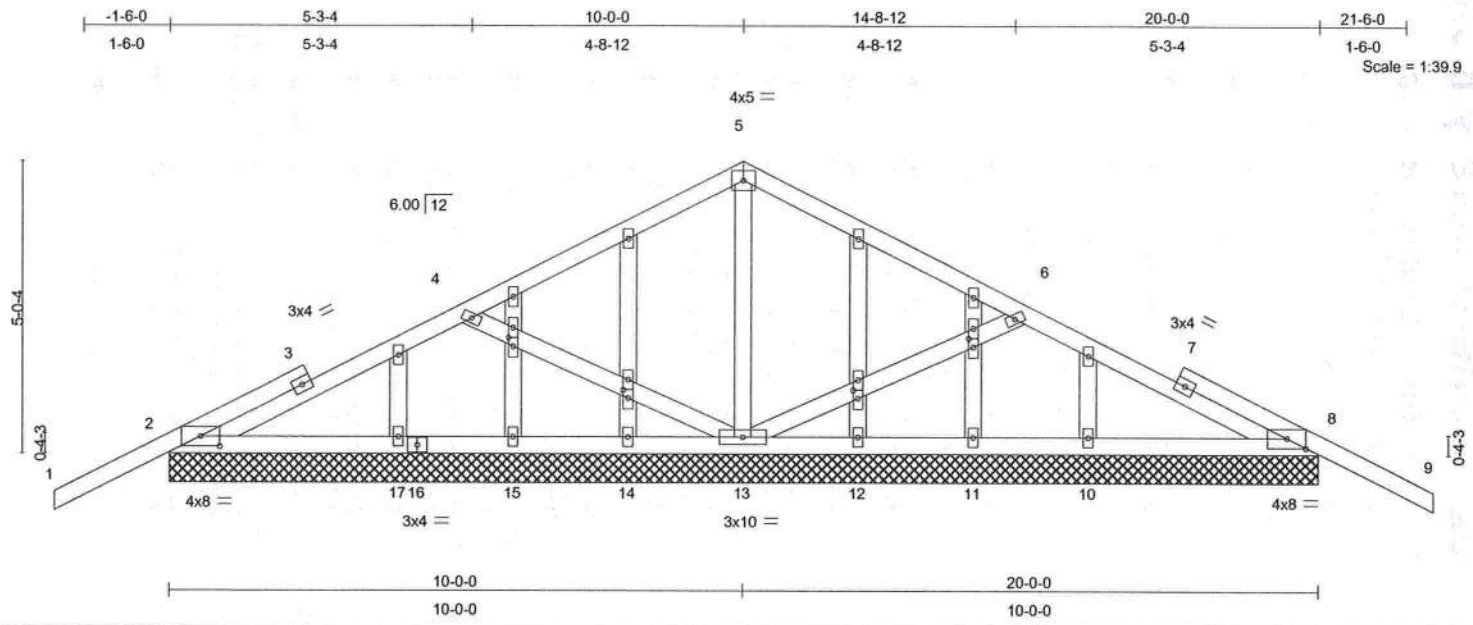


Plate Offsets (X,Y): [2:0-4-0,0-2-1], [8:0-4-0,0-2-1], [18:0-1-12,0-1-0], [20:0-1-12,0-1-0], [24:0-1-12,0-1-0], [26:0-1-12,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	-0.01	9	n/r	120	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	9	n/r	120		
BCLL	0.0	Rep Stress Incr	YES	WB	0.21	Horz(TL)	0.00	13	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 119 lb	

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

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

REACTIONS (lb/size) 2=340/20-0-0, 8=340/20-0-0, 13=857/20-0-0, 14=46/20-0-0, 15=19/20-0-0, 17=86/20-0-0, 12=46/20-0-0, 11=19/20-0-0, 10=86/20-0-0
Max Horz 2=-91(LC 6)
Max Uplift 2=-146(LC 5), 8=-161(LC 6), 13=-191(LC 5)
Max Grav 2=378(LC 7), 8=378(LC 8), 13=857(LC 1), 14=88(LC 2), 15=52(LC 2), 17=146(LC 2), 12=88(LC 2), 11=52(LC 2), 10=146(LC 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/52, 2-3=-244/76, 3-4=-189/100, 4-5=-49/329, 5-6=-35/329, 6-7=-189/100, 7-8=-244/76, 8-9=0/52
BOT CHORD 2-17=-71/173, 16-17=-71/173, 15-16=-71/173, 14-15=-71/173, 13-14=-71/173, 12-13=-71/173, 11-12=-71/173, 10-11=-71/173, 8-10=-71/173
WEBS 4-13=-367/160, 5-13=-530/110, 6-13=-367/163

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1-2002.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 146 lb uplift at joint 2, 161 lb uplift at joint 8 and 191 lb uplift at joint 13.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 8.

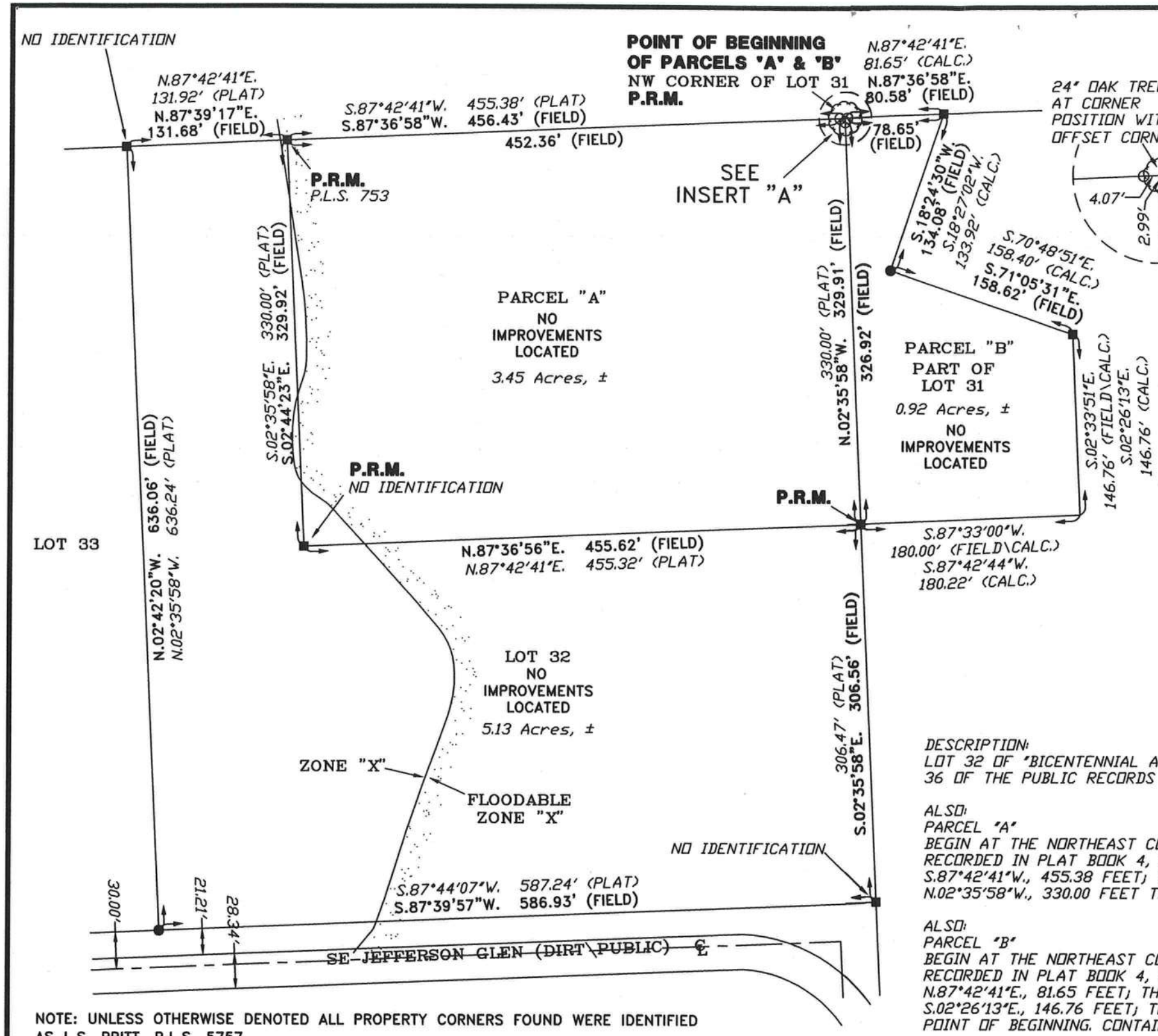
LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

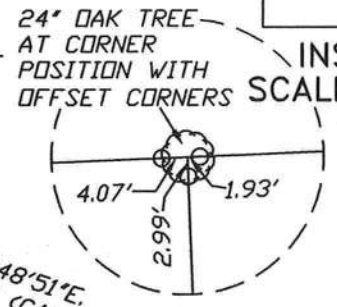
January 28,2008

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

BOUNDARY SURVEY IN SECTION 11, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.



INSERT "A" SCALE: 1" = 30'



SCALE: 1" = 100'

SYMBOL LEGEND:

- ■ 4"X4" CONCRETE MONUMENT FOUND
- □ 4"X4" CONCRETE MONUMENT SET
- ● IRON PIPE FOUND
- ○ IRON PIN AND CAP SET
- ⊕ POWER POLE
- ▲ WATER METER
- ℄ CENTERLINE
- ✳ WELL
- Ⓐ SATELLITE DISH
- ⊙ TELEPHONE BOX
- --E-- ELECTRIC LINES
- --X-- WIRE FENCE
- --o-- CHAIN LINK FENCE
- --s-- WOODEN FENCE

SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
3. A PORTION OF THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN. A PORTION OF THIS PARCEL IS IN FLOODABLE ZONE "X" AND IS SUBJECT TO AREAS OF 500-YEAR FLOOD; AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD. AS PER FLOOD INSURANCE RATE MAP, DATED 6 JAN. 1988 COMMUNITY PANEL NO. 120070 0280 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

DESCRIPTION:
LOT 32 OF "BICENTENNIAL ACRES - UNIT TWO" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGE 36 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

ALSO:
PARCEL "A"
BEGIN AT THE NORTHEAST CORNER OF LOT 31 "BICENTENNIAL ACRES - UNIT TWO" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGE 36 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA AND RUN S.87°42'41"W., 455.38 FEET; THENCE S.02°35'58"E., 330.00 FEET; THENCE N.87°42'41"E., 455.32 FEET; THENCE N.02°35'58"W., 330.00 FEET TO THE POINT OF BEGINNING. CONTAINING

ALSO:
PARCEL "B"
BEGIN AT THE NORTHEAST CORNER OF LOT 31 "BICENTENNIAL ACRES - UNIT TWO" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGE 36 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA AND RUN N.87°42'41"E., 81.65 FEET; THENCE S.18°27'02"W., 133.92 FEET; THENCE S.70°48'51"E., 158.40 FEET; THENCE S.02°26'13"E., 146.76 FEET; THENCE S.87°42'44"W., 180.22 FEET; THENCE N.02°35'58"W., 330.00 FEET TO THE POINT OF BEGINNING. CONTAINING 0.92 ACRES, MORE OR LESS.

NOTE: UNLESS OTHERWISE DENOTED ALL PROPERTY CORNERS FOUND WERE IDENTIFIED AS L.S. BRITT, P.L.S. 5757.

CERTIFIED TO:

LOUIS W. ROGERS

FIELD BOOK: SEE PAGE(S): FILE

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

11/21/07 FIELD SURVEY DATE

11/26/07 DRAWING DATE

E. SCOTT BRITT, P.S.M. CERTIFICATION # 5757

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

BRITT SURVEYING & ASSOCIATES, INC.
LAND SURVEYORS AND MAPPERS
830 WEST DUVAL STREET LAKE CITY, FLORIDA 32055
(386)752-7163 FAX (386)752-5573

WORK ORDER # L-18926

NOTICE OF TREATMENT

Applicator Name McCall #27054

Address NW 250 Street, Suite 1

City Newberry

Time 8:34 Date 6/18

SITE LOCATION

Lot # _____ Block # _____ Permit # 00027054

Subdivision _____

Address 101 SE Jefferson Glen High Springs

Name of Chemical Applied Termidor SC Used .06%

Area Treated 1800sq 256 LF

Gallons Used 185 gal Mono

Remarks _____

Mono

Rod Stein

Applicator - White Permit File - Canary Permit Holder - Pink

M-1043