DATE 05/21/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025828

APPLICANT LISA MILLER PHONE 352-281-2938

ADDRESS 308 SE HAPPY VALLEY GLENN HIGH SPRINGS FL 32643

OWNER DAVID & LISA MILLER PHONE 454-9325

ADDRESS 308 SE HAPPY VALLEY GLEN HIGH SPRINGS FL 32643

CONTRACTOR OWNER PHONE

LOCATION OF PROPERTY 441 S, L ON HAPPY VALLEY GLEN, 5TH ON RIGHT

TYPE DEVELOPMENT SFD ADDITION ESTIMATED COST OF CONSTRUCTION 22500.00

HEATED FLOOR AREA 450.00 TOTAL AREA 450.00 HEIGHT 12.90 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 4/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 1 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 15-7S-17-09986-027 SUBDIVISION HAPPY VALLEY

LOT 26 BLOCK PHASE UNIT TOTAL ACRES 1.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			Lisa M. Miller

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	07-225-MD	JH	BK	N

COMMENTS: NOC ON FILE, DISCLOSURE STATEMENT SIGNED

EXISTING SFD

Check # or Cash 101

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by — Foundation date/app. by — Monolithic date/app. by

Under slab rough-in plumbing date/app. by — Slab date/app. by — Sheathing/Nailing date/app. by

Framing date/app. by — Rough-in plumbing above slab and below wood floor date/app. by

Electrical rough-in date/app. by — Heat & Air Duct date/app. by — Peri. beam (Lintel) date/app. by

Permanent power date/app. by — C.O. Final date/app. by — Culvert date/app. by

M/H tie downs, blocking, electricity and plumbing date/app. by — Pool date/app. by

Reconnection date/app. by — Pump pole date/app. by — Utility Pole date/app. by

M/H Pole date/app. by — Travel Trailer date/app. by — Re-roof date/app. by

BUILDING PERMIT FEE $ 115.00 CERTIFICATION FEE $ 2.25 SURCHARGE FEE $ 2.25

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ CULVERT FEE $ **TOTAL FEE** 169.50

INSPECTORS OFFICE L. H. CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0703-55 Date Received 3/21/07 By G Permit # 25828

Application Approved by - Zoning Official BLK Date 09.05.07 Plans Examiner OK JTH Date 5-10-07

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

Comments

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

Name Authorized Person Signing Permit Lisa Miller DAVID MILLER Fax 386-454-9325

Address 308 S.E. HAPPY VALLEY GLEN HIGH SPRINGS FL. 32643. Phone 352-281-2938.

Owners Name DAVID MILLER Phone 386-454-9325

911 Address 308 S.E. HAPPY VALLEY GLEN HIGH SPRINGS FL 32643

Contractors Name N/A Phone

Address

Fee Simple Owner Name & Address —

Bonding Co. Name & Address —

Architect/Engineer Name & Address BILL SMISKIN

Mortgage Lenders Name & Address BANK OF AMERICA

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

Property ID Number 15-7S-17-09986-027 Estimated Cost of Construction 30,000.

Subdivision Name HAPPY VALLEY Lot 26 Block Unit Phase

Driving Directions FROM L.CITY, TAKE 441 SOUTH PAST OLENA STATE PARK, APPROX 7 MILE, FIND HAPPY VALLEY GLN ON LEFT SIDE – TURN LEFT TO 5TH HOUSE ON RIGHT.

Type of Construction CONCRETE BLOCK - ADDITION Number of Existing Dwellings on Property ONE

Total Acreage 1 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 75.08' Side 25' Side 43' Rear 150'

Total Building Height 12'9" Number of Stories 1 Heated Floor Area 450 TOTAL 450 Roof Pitch 4/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

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

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

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

GALE TEDDER
MY COMMISSION # DD 333586
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

NOTARY/STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 21st day of MARCH 2007.

Personally known ____ or Produced Identification DL

Notary Signature

(Revised Sept. 2006)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 600C-01 — **Residential Limited Applications Prescriptive Method C** — NORTH 1 2 3

Small Additions, Renovations & Building Systems

Compliance with Method C of Chapter 8 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600C-01 for additions of 600 square feet or less, site- installed components of manufactured homes, and renovations to single and multifamily residences. Alternative methods are provided for additions by use of Form 600B-01 or 600A-01.

PROJECT NAME AND ADDRESS:	308 SE Happy Valley Rd.	**BUILDER:** Owner	
		PERMITTING OFFICE: Columbia Co.	**CLIMATE ZONE:** 1 ☐ 2 ☐ 3 ☐
OWNER: David Moller		**PERMIT NO.:** 258284	**JURISDICTION NO.:** 22 0002

SMALL ADDITIONS TO EXISTING RESIDENCES (600 Square feet or less of conditioned area). Prescriptive requirements in Tables 6C-1, 6C-2 and 6C-3 apply only to the components of the addition, not to the existing building. Space heating, cooling, and water heating equipment efficiency levels must be met only when equipment is installed specifically to serve the addition or is being installed in conjunction with the addition construction. Components separating unconditioned spaces from conditioned spaces must meet the prescribed minimum insulation levels. RENOVATIONS (Residential buildings undergoing renovations costing more than 30% of the assessed value of the building). Prescriptive requirements in Tables 6C-1 and 6C-2 apply only to the components and equipment being renovated or replaced. MANUFACTURED HOMES AND BUILDINGS. Only site-installed components and features are covered by this form. BUILDING SYSTEMS Comply when complete new system is installed.

	Please Print		CK
1. Renovation, Addition, New System or Manufactured Home	1. Addition		
2. Single family detached or Multifamily attached	2. Single		
3. If Multifamily—No. of units covered by this submission	3.		
4. Conditioned floor area (sq. ft.)	4. 450'		
5. Predominant eave overhang (ft.)	5. 2'		
	Single Pane	Double Pane	
6. Glass area and type:			
a. Clear glass	6a. ____ sq. ft.	24 sq. ft.	
b. Tint, film or solar screen	6b. ____ sq. ft.	____ sq. ft.	
7. Percentage of glass to floor area	7. 5 %		
8. Floor type and insulation:			
a. Slab-on-grade (R-value)	8a. R= 12	450 lin. ft.	
b. Wood, raised (R-value)	8b. R= ____	____ sq. ft.	
c. Wood, common (R-value)	8c. R= ____	____ sq. ft.	
d. Concrete, raised (R-value)	8d. R= ____	____ sq. ft.	
e. Concrete, common (R-value)	8e. R= ____	~~____~~ sq. ft.	
9. Wall type and insulation:			
a. Exterior:			
1. Masonry (Insulation R-value)	9a-1 R= 16	488 sq. ft.	
2. Wood frame (Insulation R-value)	9a-2 R= ____	____ sq. ft.	
b. Adjacent:			
1. Masonry (Insulation R-value)	9b-1 R= ____	____ sq. ft.	
2. Wood frame (Insulation R-value)	9b-2 R= ____	____ sq. ft.	
c. Marriage Walls of Multiple Units* (Yes/No)	9c ____	____	
10. Ceiling type and insulation:			
a. Under attic (Insulation R-value)	10a. R= 30	450 sq. ft.	
b. Single assembly (Insulation R-value)	10b. R= ____	____ sq. ft.	
11. Cooling system* (Types: central, room unit, package terminal A.C., gas, existing, none)	11. Type: ____		
	SEER/EER: ____		
12. Heating system*: (Type: heat pump, elec. strip, natural gas, L.P. gas, gas, oil, PTAC, existing, none)	12. Type: ____		
	HSPF/COP/AFUE: ____		
13. Air Distribution System*:			
a. Ducts and air handlers of single package systems* (Yes/No)	13a. ____		
b. Ducts on marriage walls adequately sealed* (Yes/No)	13b. ____		
14. Hot water system: (Types: elec., natural gas, other, existing, none)	14. Type: ____		
	EF: ____		

* Pertains to manufactured homes with site installed components.

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

PREPARED BY: _____ DATE: 5-15-07

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

OWNER AGENT: _____ DATE: _____

Review of 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 in accordance with Section 553.908, F.S.

BUILDING OFFICIAL: _____

DATE: _____

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-225 M

PART II - SITE PLAN

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

Notes: SEE ATTACHED.

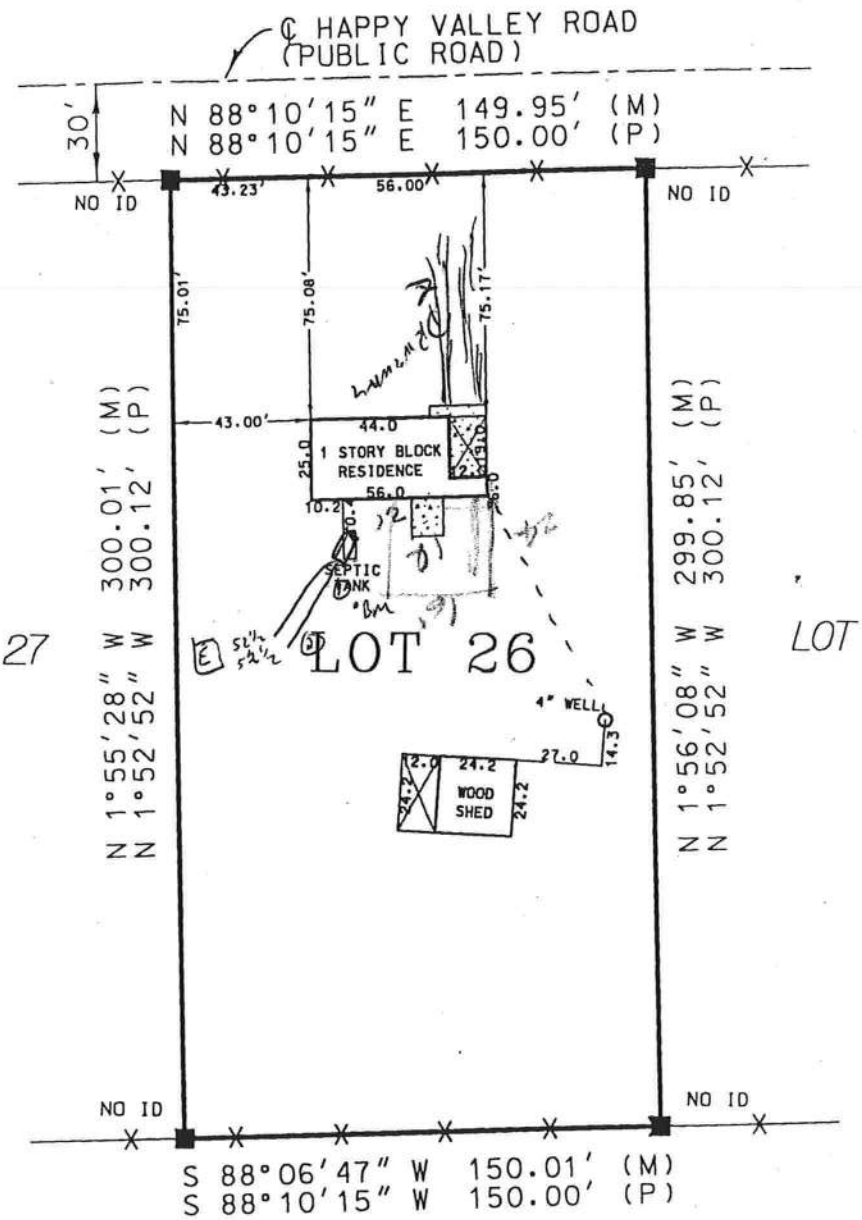
Site Plan submitted by: X [signature] _____ _____
Signature Title

Plan Approved [signature] APPROVED Not Approved _____ Date 4/2/07

By _____ Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)



25' PROPOSED DF TO HOUSE
90' " TO WELL
45' " TO P/L

NOTES:

1. SURVEY BASED ON MONUMENTS FOUND IN PLACE AND ACCEPTED.
2. BASIS OF BEARINGS IS THE SOUTH R/W LINE OF HAPPY VALLEY ROAD.
3. ACCORDING TO THE FLOOD INSURANCE RATE MAP (COMMUNITY PANEL NO. 120070 0280 B, EFFECTIVE DATE JANUARY 6, 1988) THE ABOVE DESCRIBED LANDS LIE IN ZONE X, AN AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD PLAIN.

ABBREVIATIONS:

FND = FOUND	POB
℄ = CENTERLINE	POC
P = PLAT	NO I
D = DEED	R/W
C = CALCULATED	PCP
M = MEASURED	PRM
O/S = OFFSET	CM =
IP = IRON PIPE	IP

NOTORIZED DISCLOSURE STATEMENT

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

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

(✓) Single Family Dwelling **( ) Two-Family Residence**
( ) Farm Outbuilding **( ) Other_____**

NEW CONSTRUCTION OR IMPROVEMENT

( ) New Construction **(✓) Addition, Alteration, Modification or other Improvement**

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

David Miller 3-21-07
Owner Builder Signature **Date**

GALE TEDDER
MY COMMISSION # DD 333586
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

The above signer is personally known to me or produced identification DL

Notary Signature Gale Tedder **Date** 3/21/07 **(Stamp / Seal)**

FOR BUILDING USE ONLY

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

Date_____ **Building Official/Representative**_____

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number _____ **Permit Number** _____

1. Description of property: (legal description of the property and street address or 911 address)
SINGLE FAMILY HOME ON 1 ACRE - 308 SE. HAPPY VALLEY GLN. HIGH SPRINGS FL. 32643.

2. General description of improvement: ADDITION OF MASTER BEDROOM INCL. BATH. 18'X24'.

3. Owner Name & Address DAVID MILLER - 308 SE. HAPPY VALLEY GLEN. HIGH SPRINGS FL. 32643

_____ **Interest in Property** _____

4. Name & Address of Fee Simple Owner (if other than owner): N/A

5. Contractor Name DAVID MILLER **Phone Number** 386-454-9325

Address 308 SE HAPPY VALLEY GLN HIGH SPRINGS FL. 32643

6. Surety Holders Name _____ **Phone Number** _____

Address _____

Amount of Bond _____

Inst:2007006435 Date:03/21/2007 Time:08:46
D.C,P.DeWitt Cason,Columbia County B:1114 P:407

7. Lender Name _____

Address _____

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

Name _____ **Phone Number** _____

Address _____

9. In addition to himself/herself the owner designates _____ **of** _____ **to receive a copy of the Lien Notice as provided in Section 713.13 (1) –**

(a) 7. Phone Number of the designee BILL SHUSKIN 386.462.3236

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

David R. Miller
Signature of Owner

Sworn to (or affirmed) and subscribed before 21st **day of** March **20** 07.

GALE TEDDER
MY COMMISSION # DD 333586
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Gale Tedder
Signature of Notary **NOTARY STAMP/SEAL**

@ CAM112M01 CamaUSA Appraisal System Columbia County
3/15/2007 16:18 **Legal Description Maintenance** **25000 Land 001**
Year T Property Sel **AG 000**
2007 R 15-7S-17-09986-027 . . . **67453 Bldg 001**
308 HAPPY VALLEY GLN SE HIGH SPRINGS **11968 Xfea 002**
HX MILLER DAVID & LISA M **104421 TOTAL B**

1	LOT 26 HAPPY VALLEY S/D.	ORB 388-451,, 645-130,, 847-2479	2
3	861-2075,, 922-1294,, WD 1020- . .	2361.	4
5	. . . . .	. . . . .	6
7	. . . . .	. . . . .	8
9	. . . . .	. . . . .	10
11	. . . . .	. . . . .	12
13	. . . . .	. . . . .	14
15	. . . . .	. . . . .	16
17	. . . . .	. . . . .	18
19	. . . . .	. . . . .	20
21	. . . . .	. . . . .	22
23	. . . . .	. . . . .	24
25	. . . . .	. . . . .	26
27	. . . . .	. . . . .	28

Mnt **7/20/2004 KYLIE**

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

WILLIAM R. SHISKIN N.C.A.R.B.
REGISTERED ARCHITECT AR91545

17642 N. W. 258 LANE
ALACHUA. FLORIDA 32615
PHONE 386-462-3236

ADDENDUM NO. 1

DATE: MARCH 19 2007

REG : ADDENDUM TO TRUSS. DESIGN OF PATIO SOUTH SIDE AND EXPLANATION OF THE CONNECTION OF NEW CONSTRUCTION TO EXISTING.

FOR MR DAVID AND LISA MILLER

ARCHITECTURAL FILE NO.2703

THE FOLLOWING ITEMS SHALL BE REVISED AND MADE PART OF THE CONSTRUCTION DOCUMENTS.

ITEM NO 1
ROOF PLAN
VALLEY JACKS OVER THE EXISTING ROOF SHALL BE SUPPLIED BY TRUSS MANUFACTURER AND WILL SUPPLY SHOP DRAWINGS SHOWING INSTALLATION AND PROPER BRACING.
THE FIRST TRUSS ADJACENT TO THE VALLEY JACKS SHALL BE A GIRDER TRUSS.

ITEM NO. 2

THE PATIO SHOWN BY OWNER SHALL BE A 4" CONCRETE FLOATING SLAB WITH 6"X 6" * 1.4X 1.4 WELDED WIRE MESH SUPPORTED ON CHAIRS WITH 8"X 8" CONCRETE FOOTINGS (ON SOUTH, EAST AND WEST SIDES). WITH ONE NO. 5 CONTINUOUS BOTTOM AND ADDITIONAL #5 AT EACH CORNER AND EXTEND EACH LEG MINIMUM OF 60 DIA.

ITEM NO. 3

THE CONNECTION OF EXISTING BUILDING TO NEW CONSTRUCTION IS SHOWN IN DETAILS, AS SHOWN ON SHEET A2 AND A4 (WIND CALCULATION WALL REINFORCEMENT).

ENGINEERING BY
TRENCO
A MiTek Affiliate

RE: SHEAHSA - HIGH SPRINGS ADDITION

Trenco
818 Soundside Rd
Edenton, NC 27932

Site Information:
Project Customer: Project Name:
Lot/Block: 2 Subdivision: POE SPRINGS DEVELOPEMENT
Address:
City: HIGH SPRINGS State: FLORIDA

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 2 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.

No.	Seal#	Truss Name	Date
1	E4039213	A1	4/27/07
2	E4039214	AET	4/27/07

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 Florida 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-2002 Chapter 2.

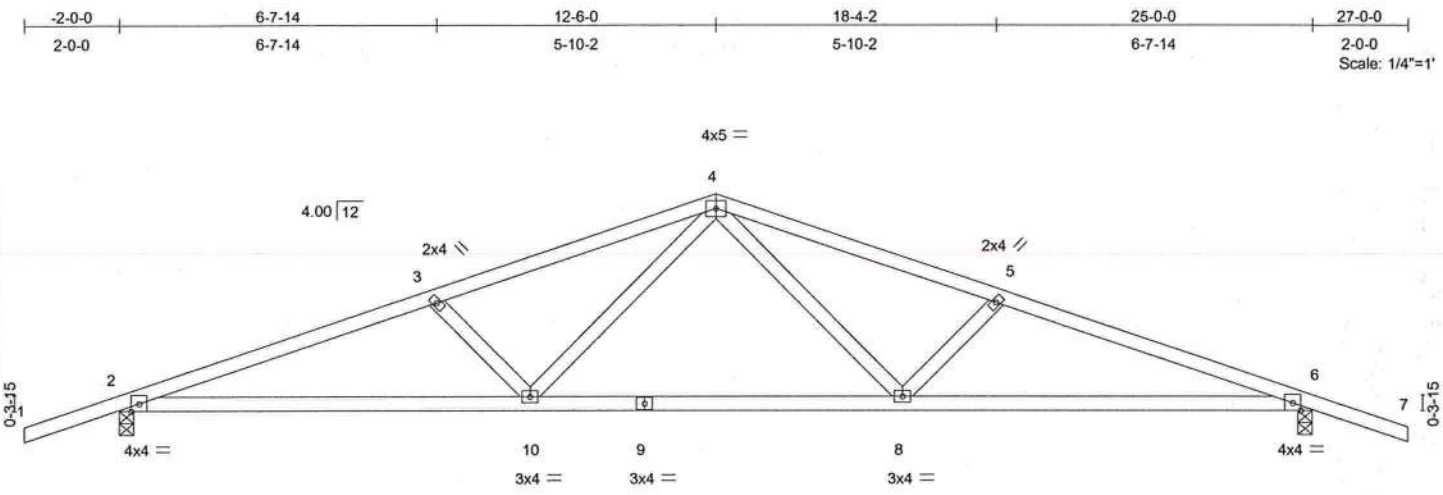
Marvin A. Strzyzewski, FL Lic #
Truss Engineering Company
818 Soundside Rd.
Edenton, NC 27932
FL Cert.#7239

April 27,2007

Strzyzewski, Marvin

Job	Truss	Truss Type	Qty	Ply	HIGH SPRINGS ADDITION	E4039213
SHEAHSA	A1	FINK	9	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Apr 27 12:07:14 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.12	2-10	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.37	2-10	>802	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.08	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 108 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 4-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1117/0-3-8, 6=1117/0-3-8
Max Horz 2=-73(LC 6)
Max Uplift2=-212(LC 3), 6=-212(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=-2305/265, 3-4=-2025/221, 4-5=-2025/221, 5-6=-2305/266, 6-7=0/37
BOT CHORD 2-10=-226/2123, 9-10=-98/1452, 8-9=-98/1452, 6-8=-171/2123
WEBS 3-10=-398/155, 4-10=-37/630, 4-8=-37/630, 5-8=-398/155

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) 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 212 lb uplift at joint 2 and 212 lb uplift at joint 6.

LOAD CASE(S) Standard

April 27,2007

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

Job	Truss	Truss Type	Qty	Ply	HIGH SPRINGS ADDITION	E4039214
SHEAHSA	AET	GABLE	1	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Apr 27 12:07:15 2007 Page 1

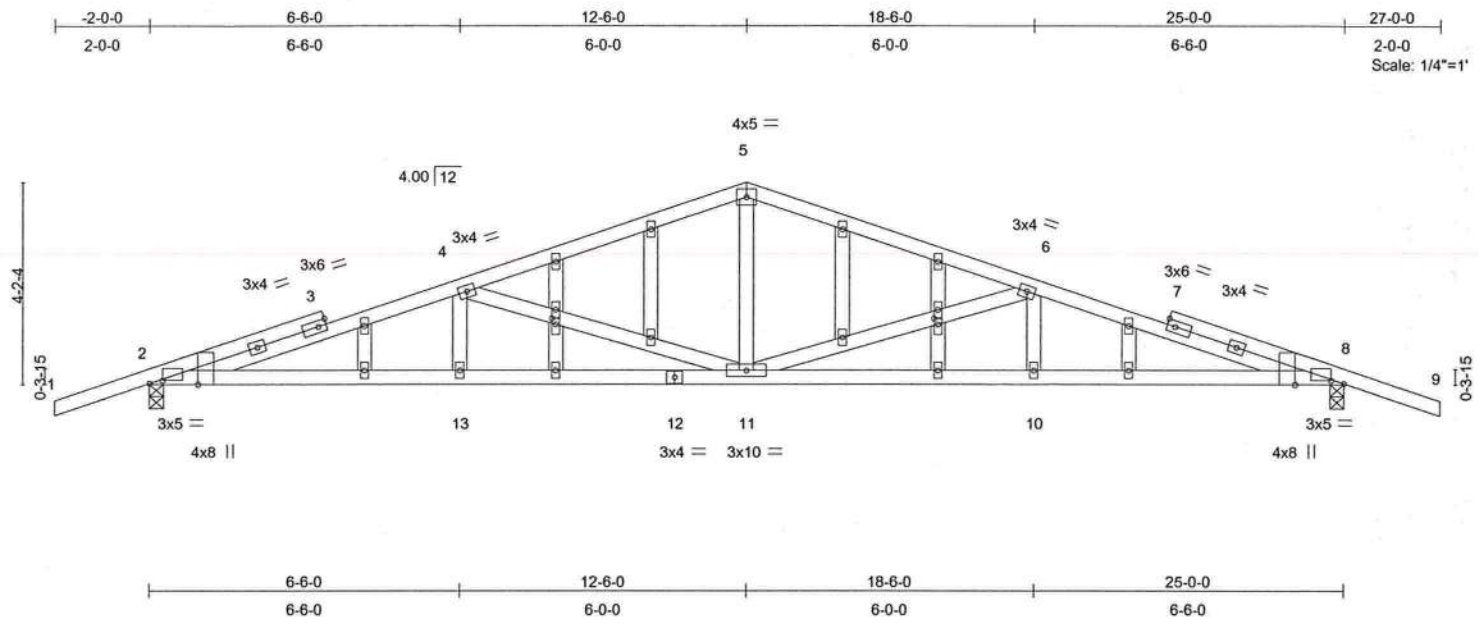


Plate Offsets (X,Y): [2:0-0-4,Edge], [2:0-3-4,0-0-12], [8:0-3-4,0-0-12], [8:0-0-4,Edge], [16:0-1-8,0-1-0], [25:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.14	11-13	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.38	11-13	>789	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.68	Horz(TL)	0.11	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 136 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 3-2-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=1117/0-3-8, 2=1117/0-3-8
Max Horz 2=69(LC 5)
Max Uplift8=-212(LC 4), 2=-212(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=-2679/259, 3-4=-2620/275, 4-5=-1741/200, 5-6=-1741/200, 6-7=-2620/276, 7-8=-2679/260, 8-9=0/37
BOT CHORD 2-13=-245/2523, 12-13=-245/2523, 11-12=-245/2523, 10-11=-193/2523, 8-10=-193/2523
WEBS 4-13=0/248, 5-11=-8/718, 6-10=0/248, 4-11=-975/150, 6-11=-975/152

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 studs spaced at 2-0-0 oc.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 212 lb uplift at joint 8 and 212 lb uplift at joint 2.

LOAD CASE(S) Standard

April 27,2007

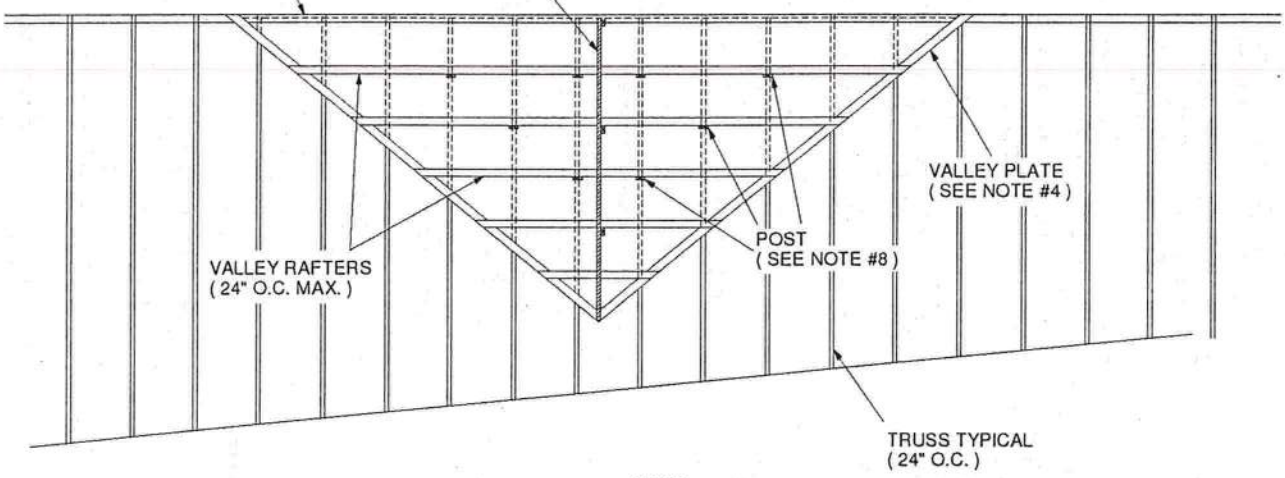
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

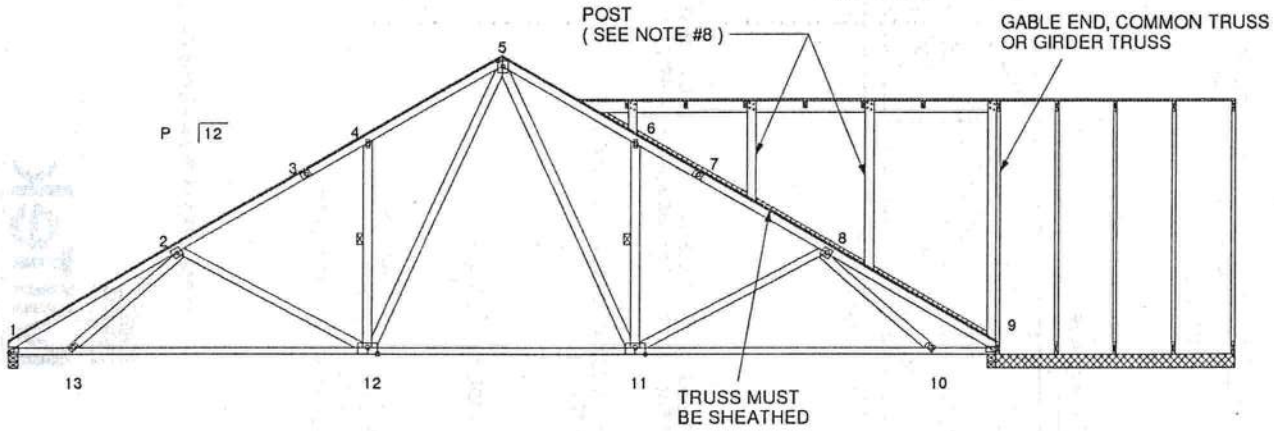
FEBRUARY 12, 2004	**CONVENTIONAL VALLEY FRAMING DETAIL**	ED-VALLEY1

Trenco, Edenton, North Carolina

LIVE LOAD = 30 PSF (MAX)
DEAD LOAD = 15 PSF (MAX)
D.O.L. INC = 1.15
100 MPH WIND ASCE 7-98 WIND

NOTE:
48" O.C. MAXIMUM POST SPACING





CONSTRUCTION SEQUENCE (ALL MATERIAL MINIMUM #2 OR BETTER)

1. INSTALL BASE TRUSSES.

2. APPLY SHEATHING TO TOP CHORD OF SUPPORTING TRUSSES. IF SHEATHING IS NOT APPLIED, PROVIDE 2x4 PURLINS AT 24" O.C. ON THE TOP CHORD OF THE SUPPORTING TRUSSES UNDER THE VALLEY FRAMING. CONNECT PURLINS TO EACH TRUSS WITH (2) - 16d NAILS.

3. BRACE BOTTOM CHORD AND WEB MEMBERS PER TRUSS DESIGNS.

4. INSTALL 2 x 4 VALLEY PLATES. FASTEN TO EACH SUPPORTING TRUSS WITH (2) 16d NAILS.

5. DEFINE VALLEY RIDGE BY RUNNING A LEVEL STRING FROM THE INTERSECTING RIDGE OF THE (a.) GABLE END, (b.) GIRDER TRUSS OR (c.) COMMON TRUSS TO THE ROOF SHEATHING.

6. SET 2 x 6 #2 RIDGE BEAM. SUPPORT WITH 2 x 4 POSTS SPACED 48" O.C.. BEVEL BOTTOM OF POST TO SET EVENLY ON THE SHEATHING. FASTEN POST TO RIDGE WITH (4) 10d NAILS. FASTEN POST TO ROOF SHEATHING WITH (3) 10d TOE-NAILS.

7. FRAME VALLEY RAFTERS FROM VALLEY PLATE TO RIDGE BEAM. MAXIMUM RAFTER SPACING IS 24" O.C.. FASTEN VALLEY RAFTER TO RIDGE BEAM WITH (3) 16d TOE-NAILS. FASTEN VALLEY RAFTER TO VALLEY PLATE WITH (3) 16d TOE-NAILS.

8. SUPPORT THE VALLEY RAFTERS WITH 2 x 4 POSTS 48" O.C (OR LESS) ALONG EACH RAFTER. INSTALL POSTS IN A STAGGERED PATTERN AS SHOWN ON PLAN DRAWING. ALLIGN POSTS WITH TRUSSES BELOW. FASTEN VALLEY RAFTER TO POST WITH (4) 10d NAILS. FASTEN POST TO SHEATHING WITH (3) 16d TOE-NAILS. FOR PURLIN APPLICATION, CONNECT 2x4 POST TO FACE OF TOP CHORD WITH (4) - 10d NAILS.

POSTS SHOULD BE 2 x 4 #2 OR BETTER SPRUCE PINE FIR, DOUG FIR LARCH OR SOUTHERN YELLOW PINE. POSTS EXCEEDING 132" SHALL BE INCREASED TO 4 x 4 OR BE PRE-ASSEMBLED (2) PLY 2 x 4's FASTENED TOGETHER WITH 2 ROWS OF 10d NAILS 6" O.C..

ENGINEERED BY TRENCO
A MiTek Affiliate

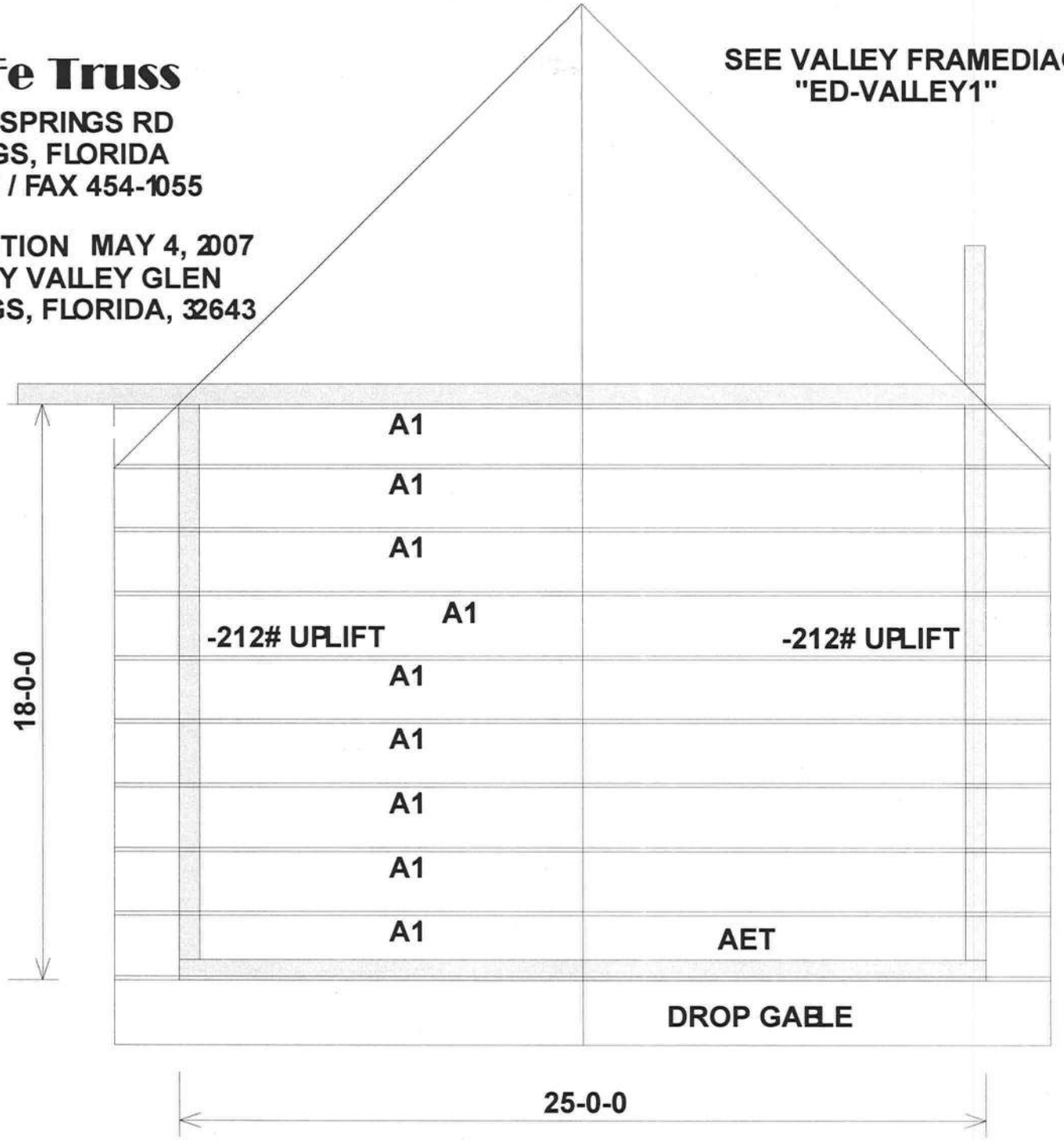
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Santa Fe Truss

410 SW POE SPRINGS RD
HIGH SPRINGS, FLORIDA
386-454-7711 / FAX 454-1055

MILLER ADDITION MAY 4, 2007
308 SE HAPPY VALLEY GLEN
HIGH SPRINGS, FLORIDA, 32643

SEE VALLEY FRAMEDIAGRAM
"ED-VALLEY1"



Santa Fe Truss

410 SW POE SPRINGS RD
HIGH SPRINGS, FLORIDA
386-454-7711 / FAX 454-1055

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SEE VALLEY FRAMEDIAGRAM
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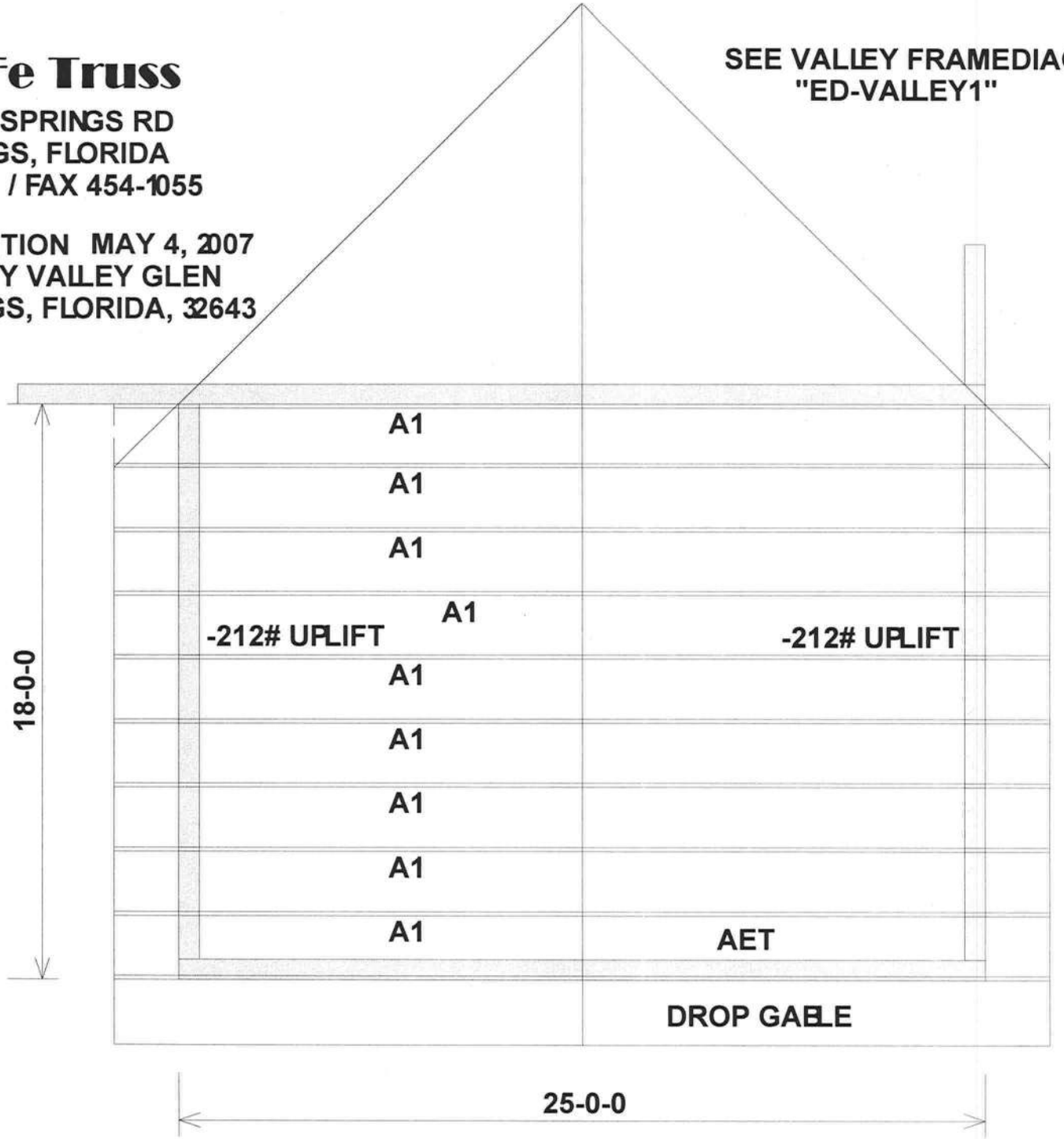
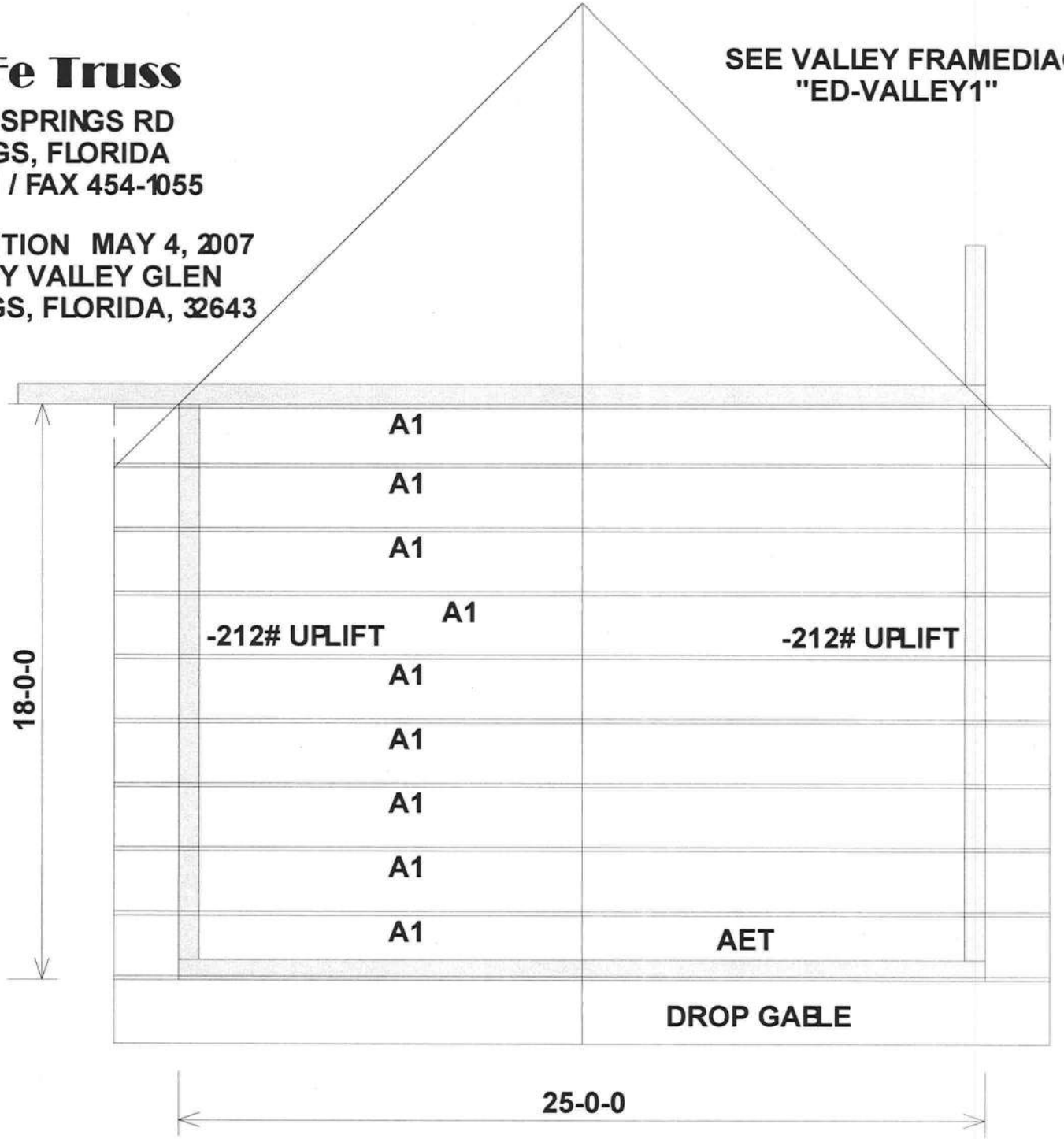


Santa Fe Truss

410 SW POE SPRINGS RD
HIGH SPRINGS, FLORIDA
386-454-7711 / FAX 454-1055

MILLER ADDITION MAY 4, 2007
308 SE HAPPY VALLEY GLEN
HIGH SPRINGS, FLORIDA, 32643

SEE VALLEY FRAMEDIAGRAM
"ED-VALLEY1"



ENGINEERING BY
TRENCO
A MiTek Affiliate

RE: SHEAHSA - HIGH SPRINGS ADDITION

Trenco
818 Soundside Rd
Edenton, NC 27932

Site Information:
Project Customer: Project Name:
Lot/Block: 2 Subdivision: POE SPRINGS DEVELOPEMENT
Address:
City: HIGH SPRINGS State: FLORIDA

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 2 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.

No.	Seal#	Truss Name	Date
1	E4039213	A1	4/27/07
2	E4039214	AET	4/27/07

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 Florida 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-2002 Chapter 2.

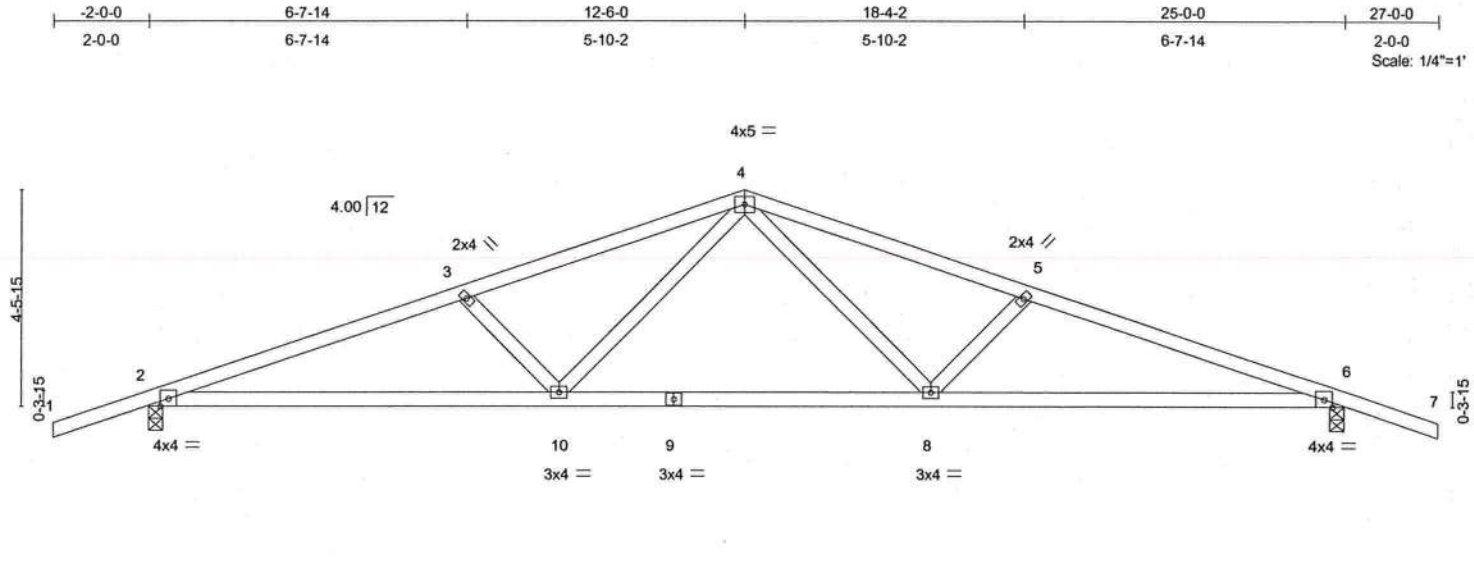
Marvin A. Strzyzewski, FL Lic #[illegible]
Truss Engineering Company
818 Soundside Rd.
Edenton, NC 27932
FL Cert.#7239

April 27,2007

Strzyzewski, Marvin

Job	Truss	Truss Type	Qty	Ply	HIGH SPRINGS ADDITION	E4039213
SHEAHSA	A1	FINK	9	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Apr 27 12:07:14 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.12	2-10	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.37	2-10	>802	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.08	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 108 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 4-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1117/0-3-8, 6=1117/0-3-8
Max Horz 2=-73(LC 6)
Max Uplift2=-212(LC 3), 6=-212(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=-2305/265, 3-4=-2025/221, 4-5=-2025/221, 5-6=-2305/266, 6-7=0/37
BOT CHORD 2-10=-226/2123, 9-10=-98/1452, 8-9=-98/1452, 6-8=-171/2123
WEBS 3-10=-398/155, 4-10=-37/630, 4-8=-37/630, 5-8=-398/155

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) 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 212 lb uplift at joint 2 and 212 lb uplift at joint 6.

LOAD CASE(S) Standard

April 27,2007

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

Job	Truss	Truss Type	Qty	Ply	HIGH SPRINGS ADDITION	E4039214
SHEAHSA	AET	GABLE	1	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Apr 2 2007 MiTek Industries, Inc. Fri Apr 27 12:07:15 2007 Page 1

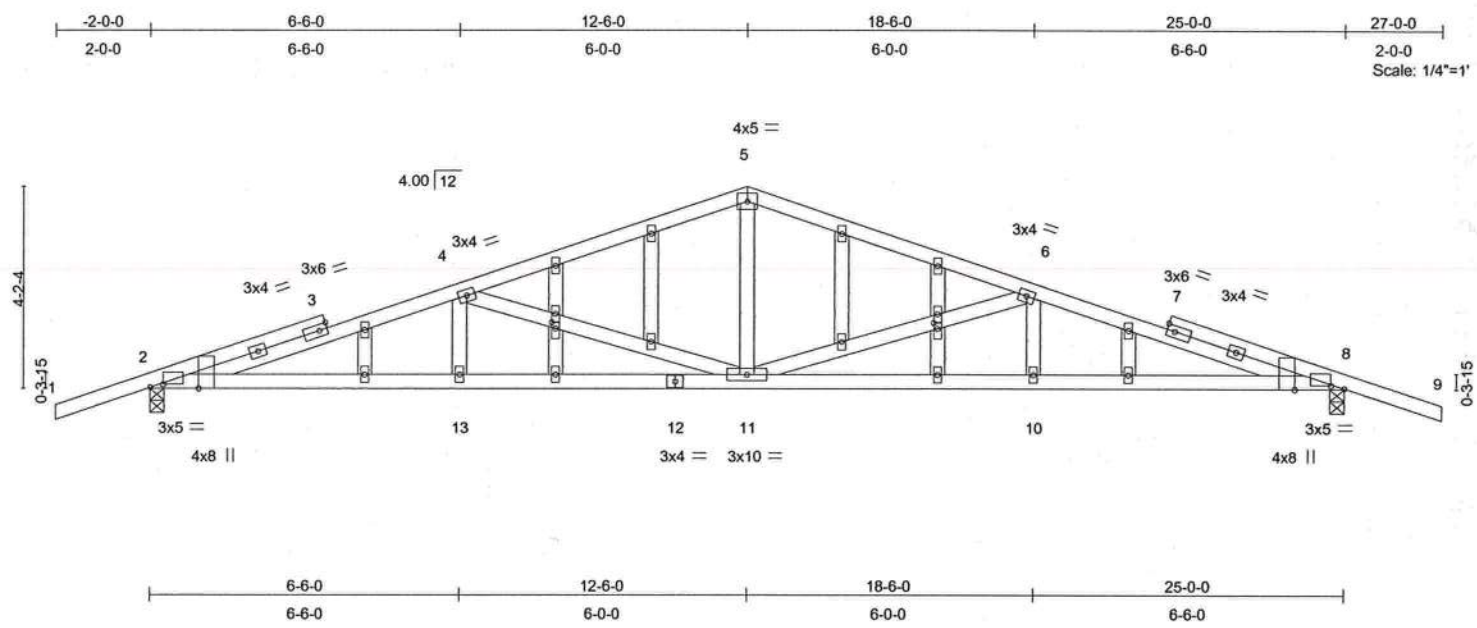


Plate Offsets (X,Y): [2:0-0-4,Edge], [2:0-3-4,0-0-12], [8:0-3-4,0-0-12], [8:0-0-4,Edge], [16:0-1-8,0-1-0], [25:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.14	11-13	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.38	11-13	>789	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.68	Horz(TL)	0.11	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 136 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 3-2-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=1117/0-3-8, 2=1117/0-3-8
Max Horz 2=69(LC 5)
Max Uplift8=-212(LC 4), 2=-212(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=-2679/259, 3-4=-2620/275, 4-5=-1741/200, 5-6=-1741/200, 6-7=-2620/276, 7-8=-2679/260, 8-9=0/37
BOT CHORD 2-13=-245/2523, 12-13=-245/2523, 11-12=-245/2523, 10-11=-193/2523, 8-10=-193/2523
WEBS 4-13=0/248, 5-11=-8/718, 6-10=0/248, 4-11=-975/150, 6-11=-975/152

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 studs spaced at 2-0-0 oc.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 212 lb uplift at joint 8 and 212 lb uplift at joint 2.

LOAD CASE(S) Standard

April 27,2007

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

Project Summary
Entire House

Job: 24
Date: Nov 09, 2004
By: TIMMY HOUGH

Project Information

For: DAVID MILLER

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	68 °F
Design TD	35 °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	6904 Btuh
Ducts	523 Btuh
Central vent (31 cfm)	1179 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	8606 Btuh

Sensible Cooling Equipment Load Sizing

Structure	4942 Btuh
Ducts	707 Btuh
Central vent (31 cfm)	573 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	6035 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	450	450
Volume (ft³)	3600	3600
Air changes/hour	0.61	0.32
Equiv. AVF (cfm)	37	19

Latent Cooling Equipment Load Sizing

Structure	1075 Btuh
Ducts	173 Btuh
Central vent (31 cfm)	1083 Btuh
Equipment latent load	2331 Btuh
Equipment total load	8366 Btuh
Req. total capacity at 0.70 SHR	0.7 ton

Heating Equipment Summary

Make	
Trade	
Model	
Efficiency	80 AFUE
Heating input	0 Btuh
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	245 cfm
Air flow factor	0.033 cfm/Btuh
Static pressure	0.00 in H2O
Space thermostat	

Cooling Equipment Summary

Make	
Trade	
Cond	
Coil	
Efficiency	0 EER
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	245 cfm
Air flow factor	0.043 cfm/Btuh
Static pressure	0.00 in H2O
Load sensible heat ratio	0.73

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

Timmy's Heating & Air Inc.
We Rule Cool !

Duct System Summary
Entire House

Job: 24
Date: Nov 09, 2004
By: TIMMY HOUGH

Project Information

For: DAVID MILLER

	Heating	Cooling
External static pressure	0.00 in H2O	0.00 in H2O
Pressure losses	0.00 in H2O	0.00 in H2O
Available static pressure	0.00 in H2O	0.00 in H2O
Supply / return available pressure	0.00 / 0.00 in H2O	0.00 / 0.00 in H2O
Lowest friction rate	0.000 in/100ft	0.000 in/100ft
Actual air flow	245 cfm	245 cfm
Total effective length (TEL)	200 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
MASTER BDROOM-A	c 2431	91	106	0.000	0	0x0	VlFx	36.0	115.0	st1
MASTER BDROOM	c 2431	91	106	0.000	0	0x0	VlFx	41.0	105.0	st1
CLOSET	h 403	32	17	0.000	0	0x0	VlFx	36.0	125.0	st1
HEAD	h 384	31	17	0.000	0	0x0	VlFx	20.0	135.0	st1

Supply Trunk Detail Table

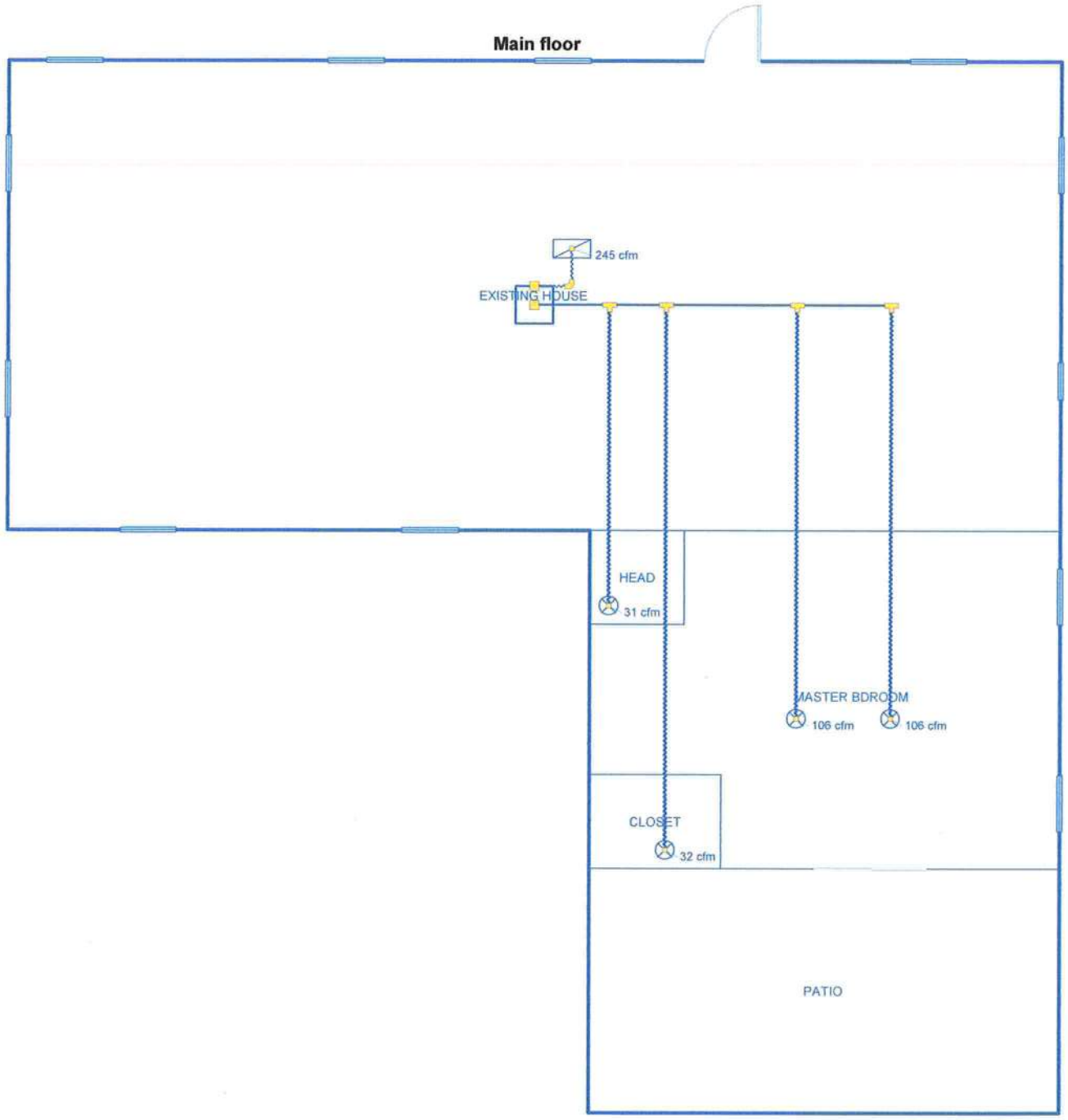
Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	245	245	0.000	0	0	0 x 0	RectFbg	

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	245	245	39.0	0.000	0	0	0x 0		VlFx	rt1

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
rt1	Peak AVF	245	245	0.000	0	0	0 x 0	VinlFlx	



Job #: 24
Performed by TIMMY HOUGH for:
DAVID MILLER

Scale: 1 : 100

Right-Suite Residential
6.0.95 RSR43502
2007-Mar-27 21:36:40
C:\My Documents\Wrightsoft HVAC...

Right-J Worksheet
Entire House

Job: 24
Date: Nov 09, 2004
By: TIMMY HOUGH

							CLOSET 5.0 ft 8.0 ft heat/cool 7.0 x 5.0 ft 35.0 ft²				HEAD 5.0 ft 8.0 ft heat/cool 5.0 x 5.0 ft 25.0 ft²			
	Ty	Construction number	U-value (Btuh/ft²-°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
1	Room name													
2	Exposed wall													
3	Ceiling height													
4	Room dimensions													
5	Room area													
6	W	13AA-0fc	0.304	e	10.64	6.10	0	0	0	0	0	0	0	0
.	G	1D-c2ow	0.570	e	19.95	63.43	0	0	0	0	0	0	0	0
.	W	13AA-0fc	0.304	w	10.64	6.10	40	40	426	244	40	40	426	244
.	C	16B-30ad	0.032	-	1.12	1.68	35	35	39	59	25	25	28	42
11	F	22A-tph	1.358	-	47.53	0.00	35	5	238	0	25	5	238	0
6	c) AED excursion									0				0
	Envelope loss/gain								702	303			691	286
12	a) Infiltration								195	50			195	50
	b) Room ventilation								0	0			0	0
13	Internal gains:	Occupants @ 230					0			0	0			0
		Appliances @ 1200					0			0	0			0
	Subtotal (lines 6 to 13)								897	352			886	336
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								897	352			886	336
15	Duct loads						8%	14%	68	50	8%	14%	67	48
	Total room load								965	403			953	384
	Air required (cfm)								32	17			31	17

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

Right-J Worksheet
Entire House

Job: 24
Date: Nov 09, 2004
By: TIMMY HOUGH

							Entire House 36.0 ft				MASTER BDROOM 26.0 ft			
1	Room name													
2	Exposed wall						8.0 ft				8.0 ft		heat/cool	
3	Ceiling height											1.0 x	390.0 ft	
4	Room dimensions													
5	Room area						450.0 ft²				390.0 ft²			
	Ty	Construction number	U-value (Btuh/ft²-°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	13AA-0fc	0.304	e	10.64	6.10	144	120	1277	731	144	120	1277	731
.	└G	1D-c2ow	0.570	e	19.95	63.43	24	0	479	1522	24	0	479	1522
.	W	13AA-0fc	0.304	w	10.64	6.10	144	144	1532	878	64	64	681	390
.	C	16B-30ad	0.032	-	1.12	1.68	450	450	504	758	390	390	437	657
11	F	22A-tph	1.358	-	47.53	0.00	450	36	1711	0	390	26	1236	0
6	c) AED excursion									236				236
	Envelope loss/gain								5503	4125			4109	3537
12	a) Infiltration								1401	357			1012	258
	b) Room ventilation								0	0			0	0
13	Internal gains:	Occupants @ 230					2			460	2			460
		Appliances @ 1200					0			0	0			0
	Subtotal (lines 6 to 13)								6904	4942			5121	4254
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								6904	4942			5121	4254
15	Duct loads						8%	14%	523	707	8%	14%	388	609
	Total room load								7427	5649			5509	4863
	Air required (cfm)								245	245			182	211

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

AED Assessment
Entire House

Job: 24
Date: Nov 09, 2004
By: TIMMY HOUGH

Project Information

For: DAVID MILLER

Design Conditions

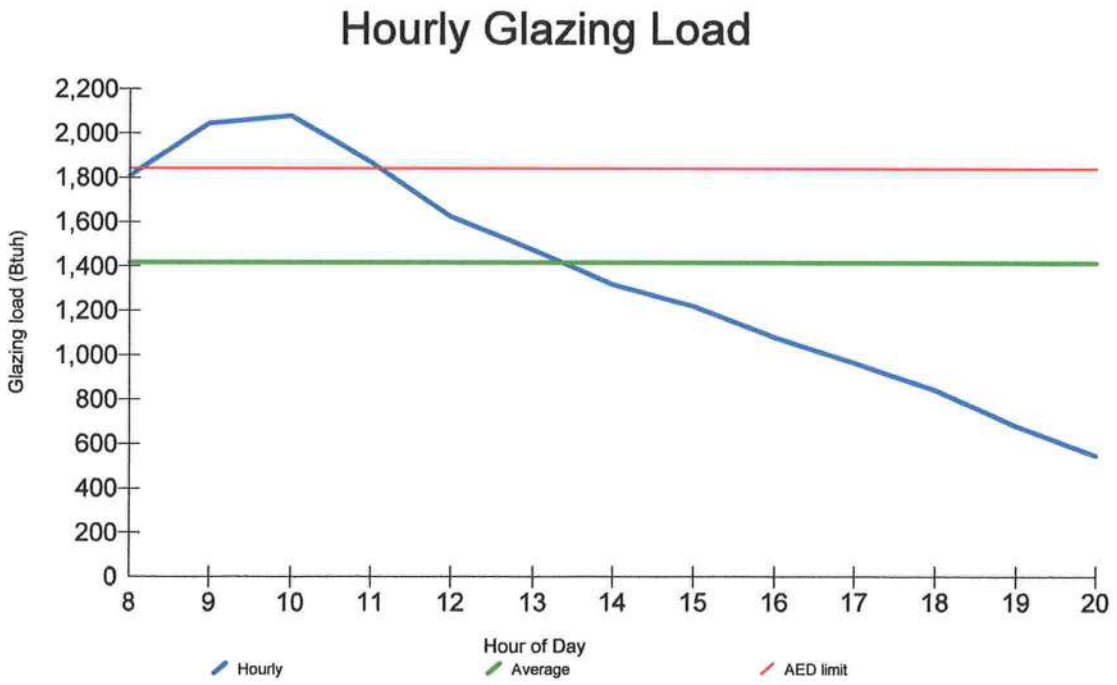
Location:
Gainesville, FL, US
Elevation: 151 ft
Latitude: 30°N

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)	68	75
Design TD (°F)	35	17
Relative humidity (%)	50	50
Moisture difference (gr/lb)	29.0	52.0

Infiltration:

Test for Adequate Exposure Diversity



Maximum hourly glazing load exceeds average by 46.7%.

House does not have adequate exposure diversity (AED), based on AED limit of 30%.

AED excursion: 236 Btuh (PFG - 1.3*AFG)

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 15-7S-17-09986-027 **Building permit No.** 000025828

Use Classification SFD ADDITION **Fire:** 0.00

Permit Holder OWNER **Waste:**

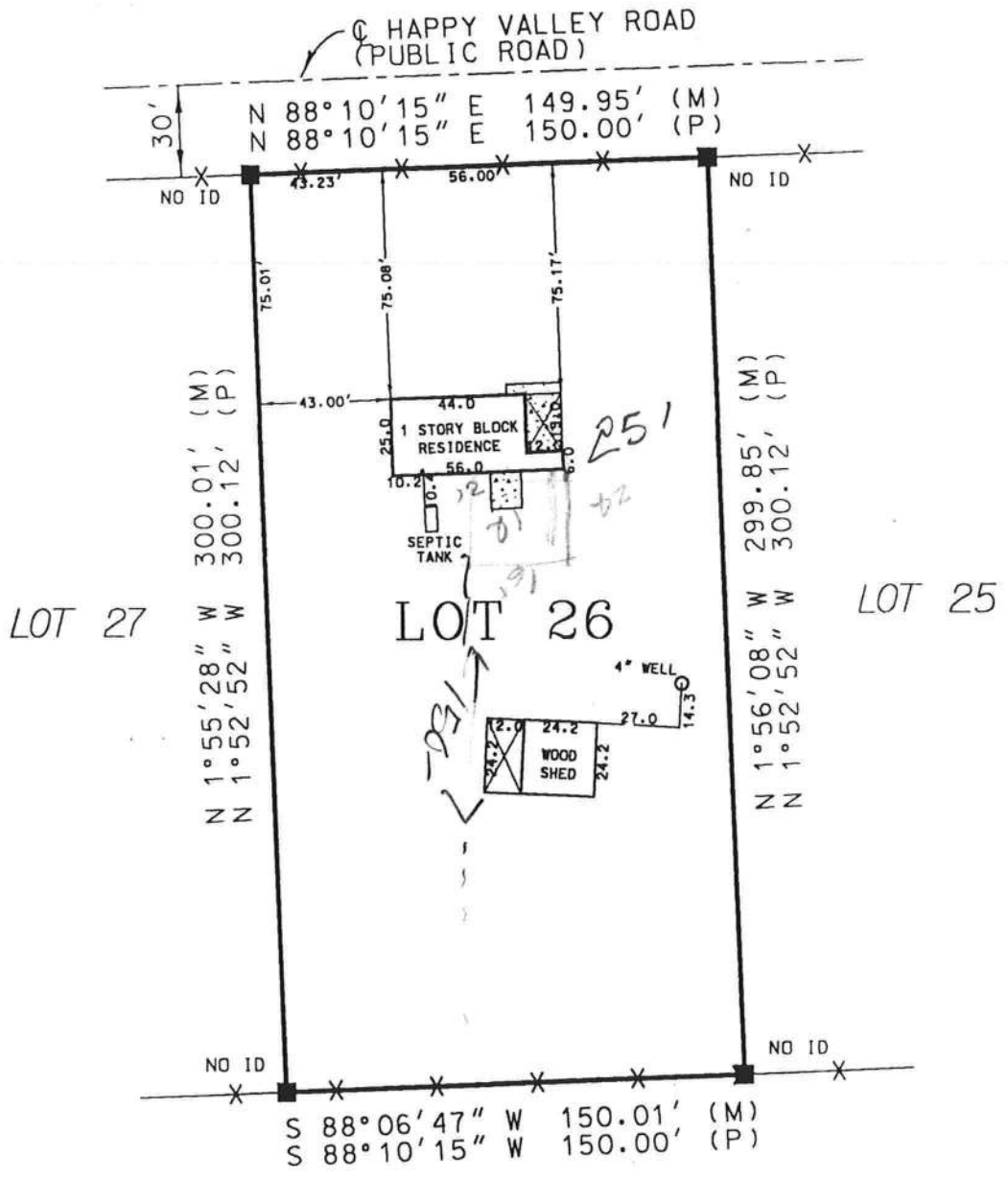
Owner of Building DAVID & LISA MILLER **Total:** 0.00

Location: 308 SE HAPPY VALLEY GLEN, HIGH SPRINGS, FL

Date: 08/16/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



BOUNDARY SURVEY

OF

LOT 26, HAPPY VALLEY
COLUMBIA COUNTY, FLORIDA

LEGAL DESCRIPTION

LOT 26, HAPPY VALLEY, A SUBDIVISION ACCORDING TO PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGE 43 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

LEGEND

- ○ 1/2" IRON PIPE SET
- ● 1/2" IRON PIPE FOUND
- ○ 3/4" IRON PIPE SET
- ● 3/4" IRON PIPE FOUND
- □ 4"X4" CONC. MON. SET
- ■ 4"X4" CONC. MON. FOUND
- ◉ DOT MARKER FOUND
- ×-×-× FENCE
- CONCRETE

0 30 60 120

CERTIFIED TO: BARBARA WAKEFIELD
PARMANN MORTGAGE ASSOCIATES, L.P., IT'S SUCCESSORS AND/OR ASSIGNS
ABSTRACT & TITLE SERVICES, INC.
CHICAGO TITLE INSURANCE COMPANY

SURVEYOR'S CERTIFICATE

I hereby certify that the plat hereon shown is a true and correct plat of survey made under my direction of the hereon described lands and complies with 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.

Signed _____ Date 10/24/97

John M. Lane, PLS LS 4303
Bailey Bishop & Lane, Inc. LB 6685

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

NOTES:

1. SURVEY BASED ON MONUMENTS FOUND IN PLACE AND ACCEPTED.
2. BASIS OF BEARINGS IS THE SOUTH R/W LINE OF HAPPY VALLEY ROAD.
3. ACCORDING TO THE FLOOD INSURANCE RATE MAP (COMMUNITY PANEL NO. 120070 0280 B, EFFECTIVE DATE JANUARY 6, 1988) THE ABOVE DESCRIBED LANDS LIE IN ZONE X, AN AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD PLAIN.

ABBREVIATIONS:

FND = FOUND
℄ = CENTERLINE
P = PLAT
D = DEED
C = CALCULATED
M = MEASURED
O/S = OFFSET
IP = IRON PIPE
POB = POINT OF BEGINNING
POC = POINT OF COMMENCEMENT
NO ID = NO IDENTIFICATION
R/W = RIGHT-OF-WAY
PCP = PERMANENT CONTROL POINT
PRM = PERMANENT REFERENCE MONUMENT
CM = CONCRETE MONUMENT
IR = IRON ROD

BAILEY BISHOP & LANE, INC.
411 WEST BAYA AVENUE
P.O. BOX 3717
LAKE CITY, FL 32056-3717
PH. (904) 752-5640
FAX (904) 755-7771

BARBARA WAKEFIELD

REVISIONS

DATE OF FIELD WORK
BOUNDARY 10/21/97
FOUNDATION
RESIDENCE 10/21/97

JOB NO. 970477

FIELD BOOK 118 : 34
EFB

DATE 10/24/97

SHEET NO. 1 OF 1