DATE 07/10/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000024732

APPLICANT JOYCE E. COLLINS PHONE 386.362.5671

ADDRESS 3907 120TH STREET LIVE OAK FL 32060

OWNER ROGER RUNYUN & JOYCE E. COLLINS PHONE 386.362.2548

ADDRESS 883 SW LEGION DRIVE LAKE CITY FL 32024

CONTRACTOR ROGER W. RUNYUN PHONE 386.362.2548

LOCATION OF PROPERTY 90-W TO SR-247-S,TL TO 5 MILES TO TAMARAC,TR TO LEGION DR,TL
BOTTOM OF HILL INTO S.D & IT'S THE 1ST. LOT ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 114000.00

HEATED FLOOR AREA 2280.00 TOTAL AREA 3528.00 HEIGHT ___ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT ___

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

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. ___

PARCEL ID 17-4S-16-03051-101 SUBDIVISION SOUTH POINTE

LOT 1 BLOCK ___ PHASE ___ UNIT ___ TOTAL ACRES 0.50

000001151 ___ ___ Roger W. Runyun

Culvert Permit No. | Culvert Waiver | Contractor's License Number | Applicant/Owner/Contractor

18"X32'MITERED 06-0608-N BLK JTH ___

Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash 4546

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 $ 570.00 CERTIFICATION FEE $ 17.64 SURCHARGE FEE $ 17.64

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

FLOOD DEVELOPMENT FEE $ ___ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 705.28

INSPECTORS OFFICE L. H. CLERKS OFFICE CN

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

Revised 9-23-

For Office Use Only Application # 0606-111 Date Received 6/30 By JW Permit # 1150/ 24782

Application Approved by - Zoning Official BLK Date 10.07.06 Plans Examiner OK JTH Date 7-7-06

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

Comments

CK# 4546

Applicants Name Roger W. Runyon Joyce E Collins Fax: 386.362.5671 Phone 386.362.2548

Address

Owners Name Roger W. Runyon Phone 386.362.2548

911 Address 883 S.W. Legion Drive Lake City, FL 32024

Contractors Name Roger W. Runyon - Commercial Vault Ent. Inc. Phone 386.362.2548

Address 13907 120th St. Live Oak, FL 32060

Fee Simple Owner Name & Address Same as Above

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Repasky - 656 Capitol Suite One Tallahassee, FL 32301

Mortgage Lenders Name & Address N/A

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

Property ID Number 17-4S-16-03051-101 Estimated Cost of Construction

Subdivision Name South Pointe Lot 1 Block Unit Phase

Driving Directions HW90 to SR 247 - Go About 5 miles (R) on Tamarac (L) on S.W. Legion Dr. Bottom of Hill into South Pointe 1st. Lot on Right

Type of Construction Home Number of Existing Dwellings on Property 0

Total Acreage .5 Lot Size Do you need a - (Culvert Permit) or Culvert Waiver or Have an Existing Dr

Actual Distance of Structure from Property Lines - Front 111' Side 113' Side 177' Rear 370+'

Total Building Height Number of Stories 1 Heated Floor Area 2280 Roof Pitch 6/12

Porches 480 Garage 768 Total 3528

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 o all laws regulating construction in this jurisdiction.

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

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

Roger W. Runyon
Owner Builder or Agent (Including Contractor)

Roger W. Runyon
Contractor Signature

Contractors License Number CGC 045489

Competency Card Number

NOTARY STAMP/SEAL

Joyce E Collins
My Commission DD326909
Expires June 07 2008

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 20 day of June 2006.

(Personally known) or Produced Identification

J E Collins
Notary Signature

Joyce E Collins
My Commission DD326909
Expires June 07 2008

- JW called 7/10/ - Tx T.

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-1608N

PART II - SITE PLAN

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

W 80 30 - 30.

See Attached

Notes: _____

Site Plan submitted by: Roger W. Runyon Roger W. Runyon (Signature) OWNER (Title)

Plan Approved X Not Approved _____ Date 6-30-06 7/7/06

By _____ County Health Department

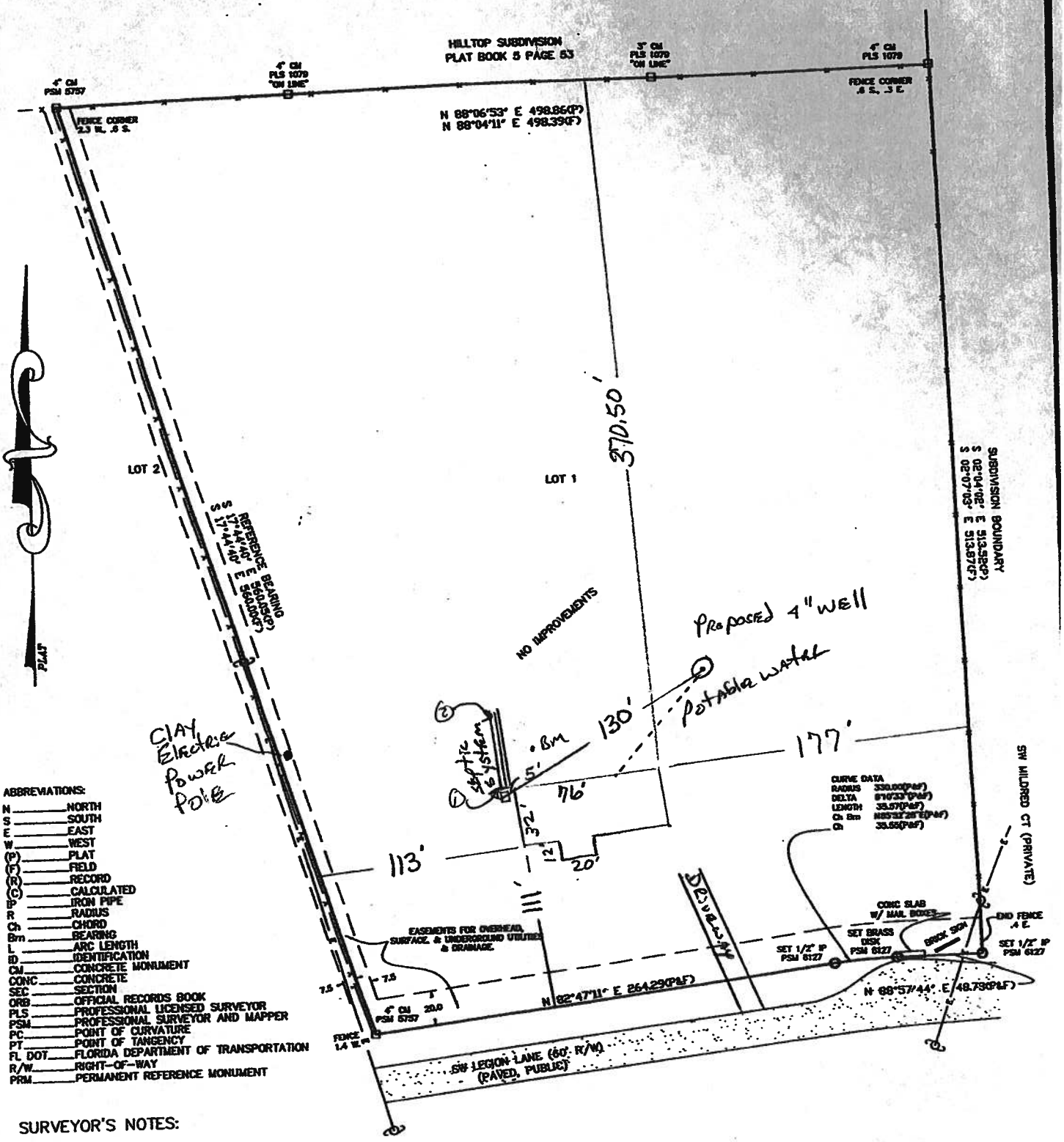
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Scale 93' = 1"

MAP OF BOUNDARY SURVEY

06-0608N

OF LOT 1, "SOUTH POINTE", AS RECORDED IN PLAT BOOK 7, PAGE 53, COLUMBIA COUNTY, FLORIDA



ABBREVIATIONS:

N	NORTH
S	SOUTH
E	EAST
W	WEST
(P)	PLAT
(F)	FIELD
(R)	RECORD
(C)	CALCULATED
IP	IRON PIPE
R	RADIUS
Ch	CHORD
Brn	BEARING
L	ARC LENGTH
ID	IDENTIFICATION
CM	CONCRETE MONUMENT
CONC	CONCRETE
SEC	SECTION
ORB	OFFICIAL RECORDS BOOK
PLS	PROFESSIONAL LICENSED SURVEYOR
PSM	PROFESSIONAL SURVEYOR AND MAPPER
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
FL DOT	FLORIDA DEPARTMENT OF TRANSPORTATION
R/W	RIGHT-OF-WAY
PRM	PERMANENT REFERENCE MONUMENT

SURVEYOR'S NOTES:

ACCURACY EXCEEDS 1/10,000.

UNDERGROUND IMPROVEMENTS, ENCROACHMENTS, IF EXISTING, WERE NOT LOCATED AS PART OF THIS SURVEY.

A CURRENT TITLE OPINION OR ABSTRACT OF MATTERS AFFECTING TITLE OR BOUNDARY OF THE SUBJECT PROPERTY HAS NOT BEEN PROVIDED. IT IS POSSIBLE THERE ARE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES.

CERTIFIED TO: ROGER RUNYON

LEGEND:

- FOUND 4" CONCRETE MONUMENT
- SET 1/2" IRON PIPE (# 6127)
- FOUND IRON PIPE
- WELL
- WIRE FIELD FENCE
- CHAIN LINK FENCE
- WOODEN FENCE
- UTILITY POLE
- OVERHEAD ELECTRIC LINE

Roger W. Runyon
6-30-06

4-03-06

Corporate Warranty Deed

Inst:2006008751 Date:04/10/2006 Time:16:44
Doc Stamp-Deed : 693.00
4.9 DC,P.DeWitt Cason,Columbia County B:1080 P:389

This Indenture, made , April 7, 2006 A.D.
Between
Martin Home Builders, Inc. whose post office address is: P.O. Box 1831, Lake City, FL 32056 a corporation existing under the laws of the State of Florida, Grantor and **Roger W. Runyon and his wife, Joyce E. Collins** whose post office address is: 13907 120th Street, Live Oak, FL 32060, Grantee,

Witnesseth, that the said Grantor, for and in consideration of the sum of Ten and No/100 Dollars ($10.00), to it in hand paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee forever, the following described land, situate, lying and being in the County of Columbia, State of Florida, to wit:

Lot 1, SOUTH POINTE, A SUBDIVISION, according to the plat thereof, recorded in Plat Book 7, Page(s) 52, 53 and 54 of the Public Records of Columbia County, Florida.

Subject to taxes for the current year, covenants, restrictions and easements of record, if any.

Parcel Identification Number: 03051-101

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

In Witness Whereof, the said Grantor has caused this instrument to be executed in its name by its duly authorized officer and caused its corporate seal to be affixed the day and year first above written.

Martin Home Builders, Inc.

Signed and Sealed in Our Presence:

By: _____
Bennett G. Martin
Its: President

_____
Witness Print Name: Matthew D. Rocco

_____
Witness Print Name: Robert S. Stewart

(Corporate Seal)

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 7th day of April, 2006, by Bennett G. Martin, the President of Martin Home Builders, Inc. A corporation existing under the laws of the State of Florida, on behalf of the corporation.
He/She is personally known to me or has produced DL as identification.

_____(Seal)
Notary Public
Notary Printed Name: _____

My Commission Expires::

Prepared by:

Matthew Rocco
My Commission DD150700

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001151

DATE 07/10/2006 PARCEL ID # 17-4S-16-03051-101

APPLICANT JOYCE E. COLLINS PHONE 386.362.5671

ADDRESS 13907 120TH STREET LIVE OAK FL 32060

OWNER ROGER RUNYUN & JOYCE E. COLLINS PHONE 386.362.2548

ADDRESS 883 SW LEGION DRIVE LAKE CITY FL 32024

CONTRACTOR ROGER W. RUNYUN PHONE 386.362.2548

LOCATION OF PROPERTY 90-W TO SR-247-S,TL TO 5 MILES TO TAMARAC,TR TO LEGION DR,TL TO BOTTOM OF HILL INTO S.D & IT'S THE 1ST. LOT ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SOUTH POINTE 1

SIGNATURE Roger W. Runyun

INSTALLATION REQUIREMENTS

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

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

[ ] Culvert installation shall conform to the approved site plan standards.

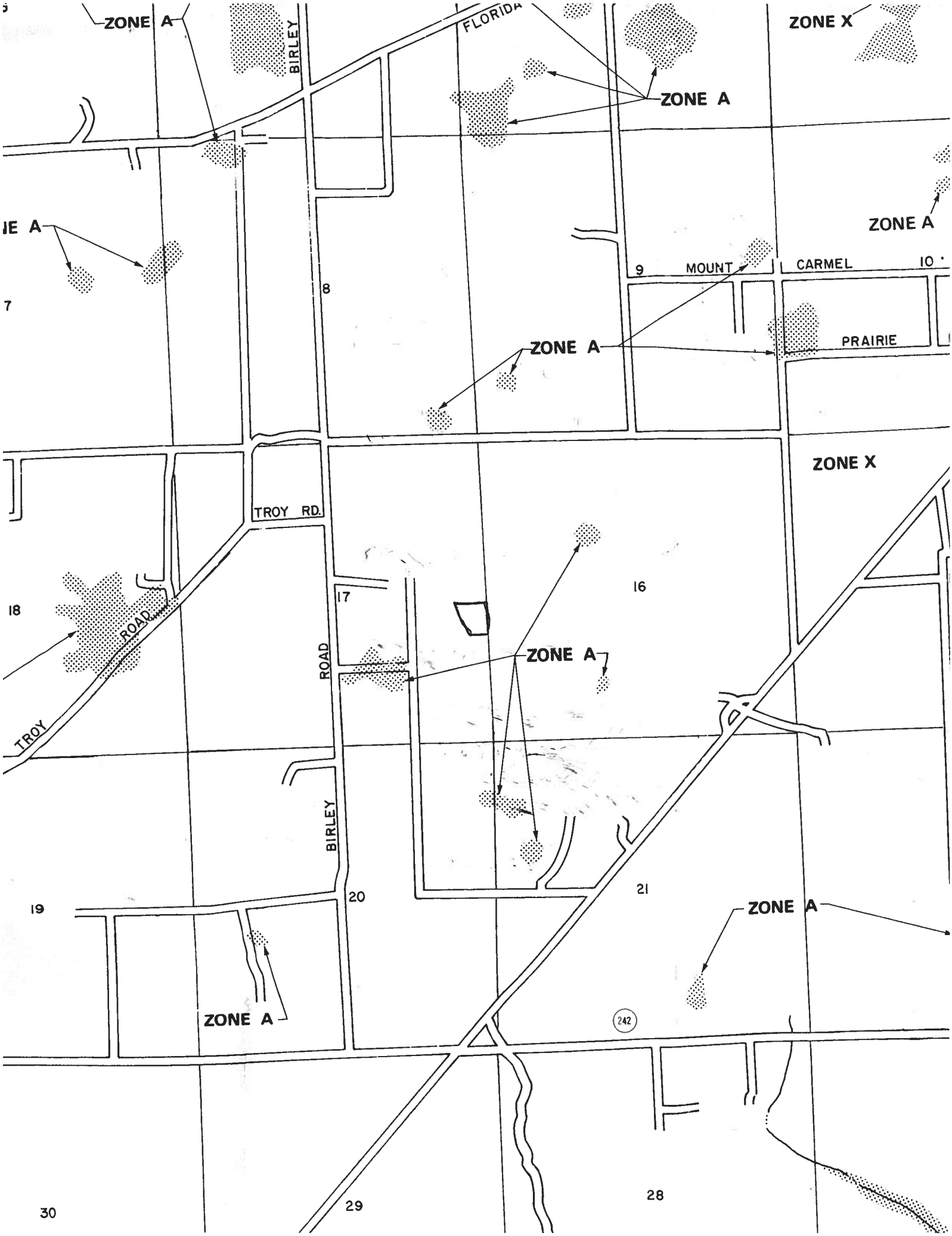
[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

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

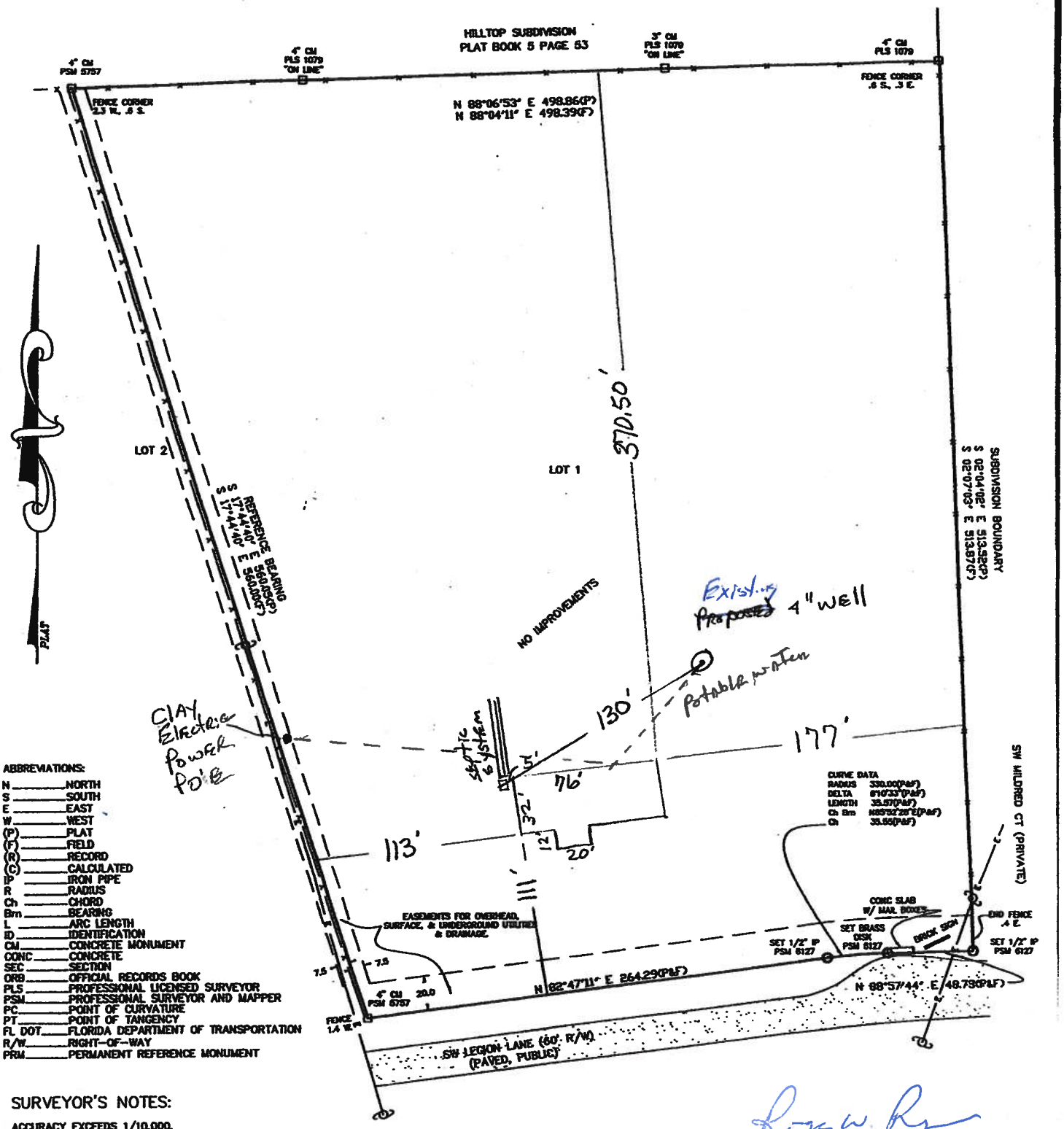
135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00


ZONE A
BIRLEY
FLORIDA
ZONE A
ZONE X
ZONE A
ZONE A
9
MOUNT
CARMEL
10
8
7
ZONE A
PRAIRIE
ZONE X
TROY RD.
16
17
18
ROAD
ZONE A
ROAD
TROY
BIRLEY
21
20
19
ZONE A
ZONE A
242
30
29
28

MAP OF BOUNDARY SURVEY

OF LOT 1, "SOUTH POINTE", AS RECORDED IN PLAT BOOK 7, PAGE 53, COLUMBIA COUNTY, FLORIDA



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R/W	RIGHT-OF-WAY
PRM	PERMANENT REFERENCE MONUMENT

SURVEYOR'S NOTES:

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CERTIFIED TO:
ROGER RUNYON
SIERRA TITLE, LLC
FIRST FEDERAL SAVINGS BANK OF FLORIDA
TICOR TITLE INSURANCE CO.

LEGEND:

⊡	FOUND 4" CONCRETE MONUMENT
○	SET 1/2" IRON PIPE (# 6127)
◉	FOUND IRON PIPE
Ⓦ	WELL
x——x	WIRE FIELD FENCE
o——o	CHAIN LINK FENCE
□——□	WOODEN FENCE
⌀	UTILITY POLE
E——E	OVERHEAD ELECTRIC LINE
T——T	OVERHEAD TELEPHONE LINE

Roger W. Runyon
6-30-06

4-03-06
WILLIAM M. DARDEN P.S.M. # 6127

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	MASONITE	6 PANEL STEEL	FL 18
B. SLIDING			
C. SECTIONAL/ROLL UP	OVERHEAD	STEEL Roll up	FL 742
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	JORDAN	VINYL WINDOWS	FL 1378.3 R1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	KAYCAN	VINYL	FL 1139
B. SOFFITS	"	"	FL 1146
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	TAMKO	SHINGLES	FL 623
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER	[illegible]	[illegible]	[illegible]
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS	ARXX	INSULATED WALL SYSTEM	FL 1350
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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

Roger W. Runyon
APPLICANT SIGNATURE

6-20-2006
DATE

R-1305 01-04

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	COLLINS RUNYAN RESIDENCE	Builder:	COMMERCIAL VAULT ENTE
Address:	883 S.W. LEGION DRIVE	Permitting Office:	COLUMBIA COUNTY
City, State:	LAKE CITY, FL 32024-	Permit Number:	24732
Owner:	COLLINS / RUNYON	Jurisdiction Number:	221000
Climate Zone:	North		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	2280 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 185.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 185.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 176.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=0.0, 1357.0 ft²	
b.	Frame, Wood, Exterior	R=0.0, 256.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 2280.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 68.0 ft	
b.	N/A		
12.	Cooling systems		
a.	Central Unit	Cap: 36.0 kBtu/hr SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	PTHP	Cap: 36.0 kBtu/hr COP: 3.50	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons EF: 0.93	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.08

Total as-built points: 27776

Total base points: 32165

PASS

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

PREPARED BY: Larry Resmondo a/c

DATE: 6-23-06

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

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **883 S.W. LEGION DRIVE, LAKE CITY, FL, 32024-** 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	2280.0	20.04	8224.4	Double, Clear	N	12.0	7.0	45.0	19.20	0.64	549.4	
				Double, Clear	W	1.5	6.0	15.0	38.52	0.91	527.8	
				Double, Clear	S	12.0	6.0	45.0	35.87	0.45	728.1	
				Double, Clear	N	1.5	6.0	15.0	19.20	0.94	270.3	
				Double, Clear	S	1.5	5.0	14.0	35.87	0.81	405.2	
				Double, Clear	S	1.5	6.0	18.0	35.87	0.86	552.7	
				Double, Clear	N	1.5	5.0	14.0	19.20	0.92	246.1	
				Double, Clear	S	1.5	3.0	4.0	35.87	0.66	94.7	
				Double, Clear	N	1.5	4.0	6.0	19.20	0.88	101.3	
				Double, Clear	S	1.5	4.0	9.0	35.87	0.74	238.0	
				As-Built Total:				**185.0**			**3713.7**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			0.0	1357.0	5.50		7463.5	
Exterior	1613.0	1.70	2742.1	Frame, Wood, Exterior			0.0	256.0	5.50		1408.0	
Base Total:	**1613.0**		**2742.1**	**As-Built Total:**				**1613.0**			**8871.5**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Wood				63.0	6.10		384.3	
Exterior	63.0	6.10	384.3									
Base Total:	**63.0**		**384.3**	**As-Built Total:**				**63.0**			**384.3**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	2280.0	1.73	3944.4	Under Attic			30.0	2280.0	1.73 X 1.00		3944.4	
Base Total:	**2280.0**		**3944.4**	**As-Built Total:**				**2280.0**			**3944.4**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	176.0(p)	-37.0	-6512.0	Slab-On-Grade Edge Insulation			0.0	176.0(p	-41.20		-7251.2	
Raised	0.0	0.00	0.0									
Base Total:			**-6512.0**	**As-Built Total:**				**176.0**			**-7251.2**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	2280.0	10.21	23278.8					2280.0	10.21		23278.8	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **883 S.W. LEGION DRIVE, LAKE CITY, FL, 32024-** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 32062.0			**Summer As-Built Points:**					**32941.5**
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 36000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			32941	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	9839.4
32062.0	**0.4266**	**13677.7**	**32941.5**	**1.00**	**1.138**	**0.263**	**1.000**	**9839.4**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **883 S.W. LEGION DRIVE, LAKE CITY, FL, 32024-** 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	2280.0	12.74	5228.5	Double, Clear	N	12.0	7.0	45.0	24.58	1.02	1132.6	
				Double, Clear	W	1.5	6.0	15.0	20.73	1.02	318.2	
				Double, Clear	S	12.0	6.0	45.0	13.30	3.51	2097.5	
				Double, Clear	N	1.5	6.0	15.0	24.58	1.00	369.5	
				Double, Clear	S	1.5	5.0	14.0	13.30	1.20	222.9	
				Double, Clear	S	1.5	6.0	18.0	13.30	1.12	267.5	
				Double, Clear	N	1.5	5.0	14.0	24.58	1.00	345.4	
				Double, Clear	S	1.5	3.0	4.0	13.30	1.64	87.2	
				Double, Clear	N	1.5	4.0	6.0	24.58	1.01	148.4	
				Double, Clear	S	1.5	4.0	9.0	13.30	1.35	162.0	
				As-Built Total:				**185.0**			**5151.3**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =	Points		
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			0.0	1357.0	11.10	15062.7		
Exterior	1613.0	3.70	5968.1	Frame, Wood, Exterior			0.0	256.0	11.10	2841.6		
Base Total:	**1613.0**		**5968.1**	**As-Built Total:**				**1613.0**		**17904.3**		
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =	Points		
Adjacent	0.0	0.00	0.0	Exterior Wood				63.0	12.30	774.9		
Exterior	63.0	12.30	774.9									
Base Total:	**63.0**		**774.9**	**As-Built Total:**				**63.0**		**774.9**		
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =	Points		
Under Attic	2280.0	2.05	4674.0	Under Attic			30.0	2280.0	2.05 X 1.00	4674.0		
Base Total:	**2280.0**		**4674.0**	**As-Built Total:**				**2280.0**		**4674.0**		
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =	Points		
Slab	176.0(p)	8.9	1566.4	Slab-On-Grade Edge Insulation			0.0	176.0(p	18.80	3308.8		
Raised	0.0	0.00	0.0									
Base Total:			**1566.4**	**As-Built Total:**				**176.0**		**3308.8**		
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =	Points		
	2280.0	-0.59	-1345.2					2280.0	-0.59	-1345.2		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **883 S.W. LEGION DRIVE, LAKE CITY, FL, 32024-** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**16866.7**	**Winter As-Built Points:**					**30468.1**
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: PTHP 36000 btuh ,EFF(3.5) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			30468.1	1.000	(1.069 x 1.169 x 0.93)	0.286	1.000	10117.0
16866.7	**0.6274**	**10582.2**	**30468.1**	**1.00**	**1.162**	**0.286**	**1.000**	**10117.0**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **883 S.W. LEGION DRIVE, LAKE CITY, FL, 32024-** 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
13678	**10582**	**7905**	**32165**	**9839**	**10117**	**7820**	**27776**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **883 S.W. LEGION DRIVE, LAKE CITY, FL, 32024-** 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.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.4

The higher the score, the more efficient the home.

COLLINS / RUNYON, 883 S.W. LEGION DRIVE, LAKE CITY, FL, 32024-

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 36.0 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)	2280 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 185.0 ft²			a. PTHP	Cap: 36.0 kBtu/hr
	b. SHGC:					COP: 3.50
	(or Clear or Tint DEFAULT)	7b. (Clear) 185.0 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=0.0, 176.0(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, Exterior	R=0.0, 1357.0 ft²				EF: 0.93
	b. Frame, Wood, Exterior	R=0.0, 256.0 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, 2280.0 ft²		15.	HVAC credits	
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 68.0 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: _____

**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.

RIGHT-J SHORT FORM
Entire House
LARRY RESMONDO A/C

Job: COLLINS RUNYON RESIDENCE 6/23/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: COMMERCIAL VAULT ENTERPRISES
13907 120TH STREET, LIVE OAK, FL 32060
Phone: 386-362-2548 Fax: 386-362-5671

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 AIR COND
Trade Ruud UPMB Series
UPMB-036JA

Efficiency	8.0 HSPF	
Heating input	0	Btuh
Heating output	0	Btuh
Heating temperature rise	0	°F
Actual heating fan	1150	cfm
Heating air flow factor	0.048	cfm/Btuh

Space thermostat

COOLING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-036JA
UBHJ-21+RCHJ-36A2

Efficiency	13.0 SEER	
Sensible cooling	24500	Btuh
Latent cooling	10500	Btuh
Total cooling	35000	Btuh
Actual cooling fan	1150	cfm
Cooling air flow factor	0.066	cfm/Btuh
Load sensible heat ratio	76	%

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
WHOLE HOUSE	2280	23868	17356	1150	1150
Entire House d	2280	23868	17356	1150	1150
Ventilation air		0	0		
Equip. @ 0.97 RSM			16835		
Latent cooling			5495		
TOTALS	2280	23868	22331	1150	1150

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

DUCT SYSTEM SUMMARY
Entire House
LARRY RESMONDO A/C

Job: COLLINS RUNYON RESIDENCE 6/23/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: COMMERCIAL VAULT ENTERPRISES
13907 120TH STREET, LIVE OAK, FL 32060
Phone: 386-362-2548 Fax: 386-362-5671

	HEATING	COOLING
External Static Pressure:	***0.10*** in H2O	0.00 in H2O
Pressure Losses:	0.50 in H2O	0.50 in H2O
Available Static Pressure:	-0.4 in H2O	-0.5 in H2O
Friction Rate:	***0.100*** in/100ft	***0.100*** in/100ft
Actual AVF:	1150 cfm	1150 cfm

Total Effective Length (TEL): 120 ft

Supply Branch Detail Table

Name	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trnk
WHOLE HOUSE	4776	3472	230	230	0.100	521	9	0x 0	VlFx	st1
WHOLE HOUSE-A	4774	3471	230	230	0.100	521	9	0x 0	VlFx	st1A
WHOLE HOUSE-B	4774	3471	230	230	0.100	521	9	0x 0	VlFx	st1A
WHOLE HOUSE-C	4774	3471	230	230	0.100	521	9	0x 0	VlFx	st1B
WHOLE HOUSE-D	4774	3471	230	230	0.100	521	9	0x 0	VlFx	st1

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	1150	1150	824	16	0 x 0	RectFbg	
st1A	Peak AVF	690	690	749	13	0 x 0	RectFbg	st1
st1B	Peak AVF	230	230	659	8	0 x 0	RectFbg	st1A

Return Branch Detail Table

Name	Diffus Sz (in)	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trunk
rb1	0 x 0	23870	17357	1150	1150	0.100	651	18	0x 0	VlFx	

Bold/italic values have been manually overridden

RIGHT-J BUILDING ANALYSIS REPORT
Entire House
LARRY RESMONDO A/C

Job: COLLINS RUNYON RESIDENCE 6/23/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: COMMERCIAL VAULT ENTERPRISES
13907 120TH STREET, LIVE OAK, FL 32060
Phone: 386-362-2548 Fax: 386-362-5671

Design Information

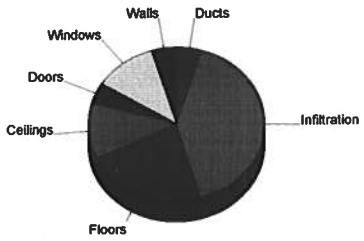
	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	52

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

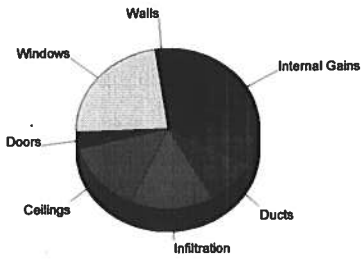
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	0.7	1107	4.6
Windows	14.8	2731	11.4
Doors	17.0	1072	4.5
Ceilings	1.2	2784	11.7
Floors	30.0	5275	22.1
Infiltration	39.4	9763	40.9
Ducts		1137	4.8
Total		**23868**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	0.2	389	2.2
Windows	21.9	4046	23.3
Doors	9.5	597	3.4
Ceilings	1.1	2483	14.3
Floors	0.0	0	0.0
Infiltration	10.3	2563	14.8
Ducts		1578	9.1
Internal gains		5700	32.8
Total		**17356**	**100.0**



Cooling at 76 % SHR = 1.9 ton
Cooling at 70 % SHR = 2.0 ton

Cooling air flow = 618 cfm/ton
Cooling at 400 cfm/ton = 2.9 ton

Overall U-Value = 0.082 Btuh/ft²-°F

WARNING: window to floor area ratio = 8.1% - less than 10%.

RIGHT-J LOAD AND EQUIPMENT SUMMARY
Entire House
LARRY RESMONDO A/C

Job: COLLINS RUNYON RESIDENCE 6/23/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: COMMERCIAL VAULT ENTERPRISES
13907 120TH STREET, LIVE OAK, FL 32060
Phone: 386-362-2548 Fax: 386-362-5671

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

Building heat loss	23868	Btuh
Ventilation air	0	cfm
Ventilation air loss	0	Btuh
Design heat load	23868	Btuh

Sensible Cooling Equipment Load Sizing

Structure	17356	Btuh
Ventilation	0	Btuh
Design temperature swing	3.0	°F
Use mfg. data	n	
Rate/swing multiplier	0.97	
Total sens. equip. load	16835	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2280	2280
Volume (ft³)	20520	20520
Air changes/hour	0.7	0.4
Equiv. AVF (cfm)	240	137

Latent Cooling Equipment Load Sizing

Internal gains	690	Btuh
Ventilation	0	Btuh
Infiltration	4805	Btuh
Total latent equip. load	5495	Btuh
Total equipment load	22331	Btuh

Heating Equipment Summary

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-036JA

Efficiency	8.0 HSPF	
Heating input	0	Btuh
Heating output	0	Btuh
Heating temp rise	0	°F
Actual heating fan	1150	cfm
Heating air flow factor	0.048	cfm/Btuh

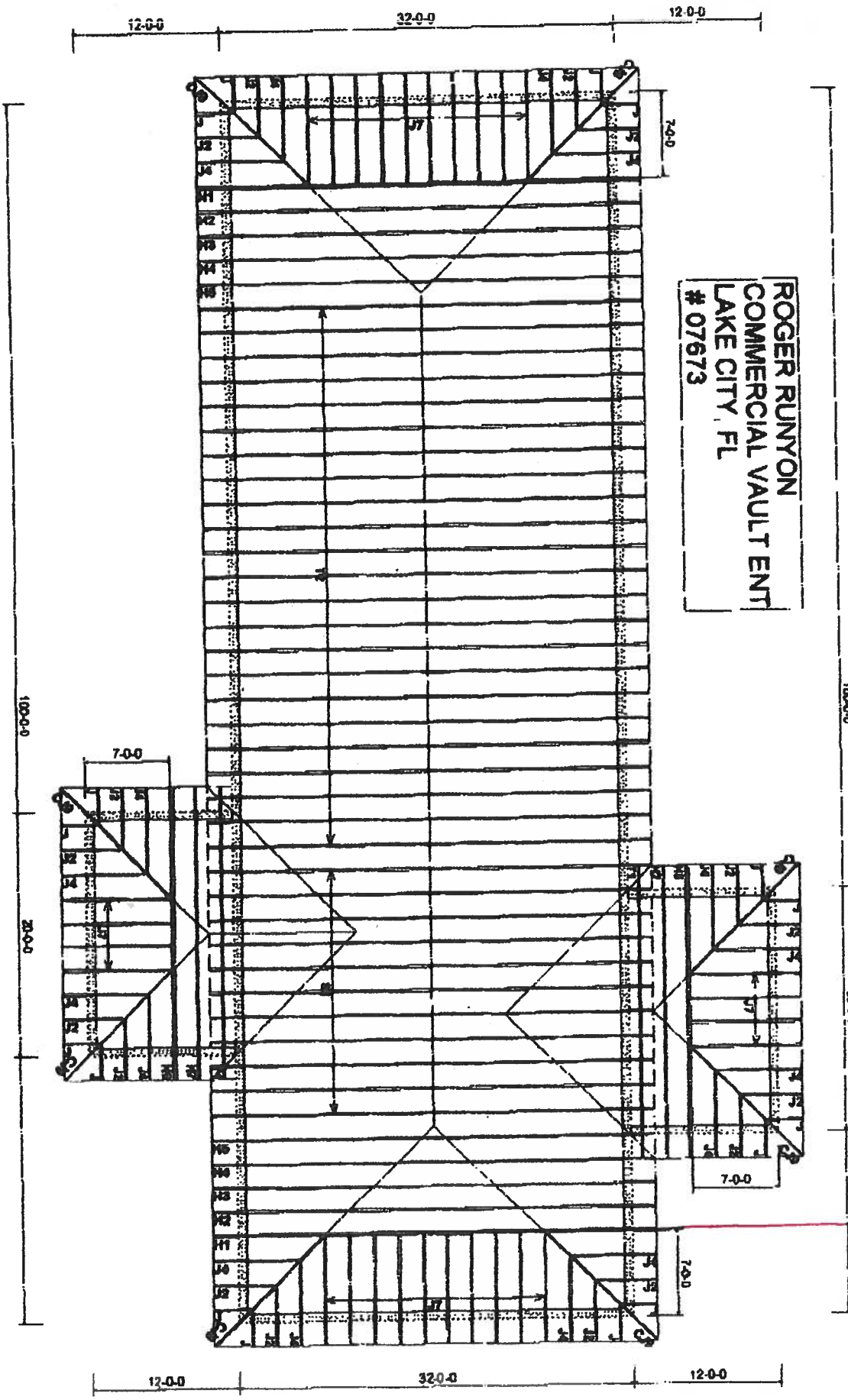
Space thermostat

Cooling Equipment Summary

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-036JA
UBHJ-21+RCHJ-36A2

Efficiency	13.0 SEER	
Sensible cooling	24500	Btuh
Latent cooling	10500	Btuh
Total cooling	35000	Btuh
Actual cooling fan	1150	cfm
Cooling air flow factor	0.066	cfm/Btuh
Load sensible heat ratio	76	%

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.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12-0-0
32-0-0
12-0-0
ROGER RUNYON
COMMERCIAL VAULT ENT
LAKE CITY, FL
07673
REQUIRES
1 - HETA-2C
TYP

MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO 63017-5746

Re: 9502
COMMERCIAL VAULT

The truss drawing(s) referenced below have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Reese Building Components, Inc.

Pages or sheets covered by this seal: I10561381 thru I10561395

My license renewal date for the state of Florida is February 28, 2007.

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

Miller, Scott

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-1995 Sec. 2.

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	CJ9	ROOF TRUSS	8	1	I10561381
					Job Reference (optional)

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:40 2006 Page 1

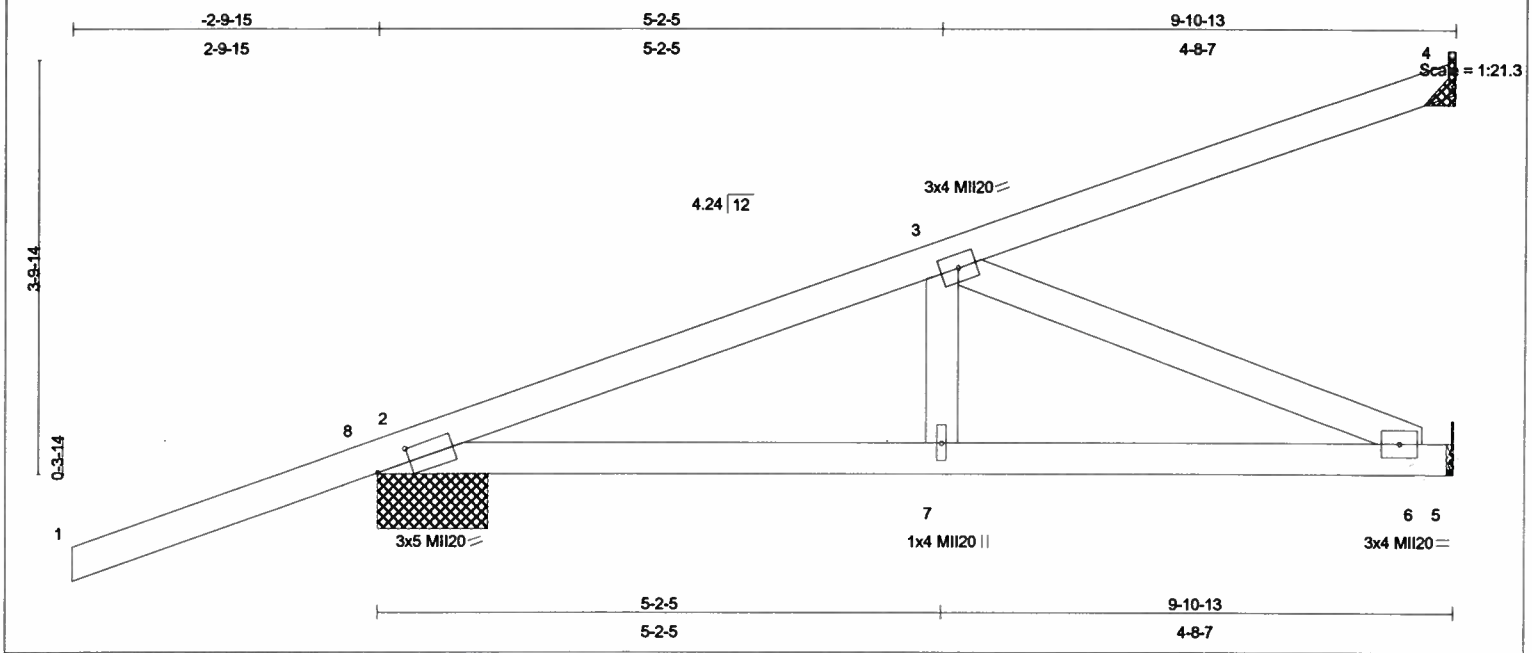

Plate Offsets (X,Y): [2:0-3-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.74	Vert(LL)	-0.04	2-7	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.10	6-7	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.30	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 44 lb	

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

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

REACTIONS (lb/size) 4=253/Mechanical, 2=537/1-0-1, 5=347/Mechanical
Max Horz 2=320(load case 3)
Max Uplift4=-242(load case 3), 2=-323(load case 3), 5=-84(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=0/50, 2-8=0/50, 2-3=-716/77, 3-4=-109/62
BOT CHORD 2-7=-288/644, 6-7=-288/644, 5-6=0/0
WEBS 3-7=0/262, 3-6=-699/313

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 242 lb uplift at joint 4, 323 lb uplift at joint 2 and 84 lb uplift at joint 5.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-8=-60
Trapezoidal Loads (plf)
Vert: 8=0(F=30, B=30)-to-4=-148(F=-44, B=-44), 2=-2(F=9, B=9)-to-5=-49(F=-15, B=-15)

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

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Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	H1	ROOF TRUSS	2	2	I10561382
					Job Reference (optional)

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:41 2006 Page 1

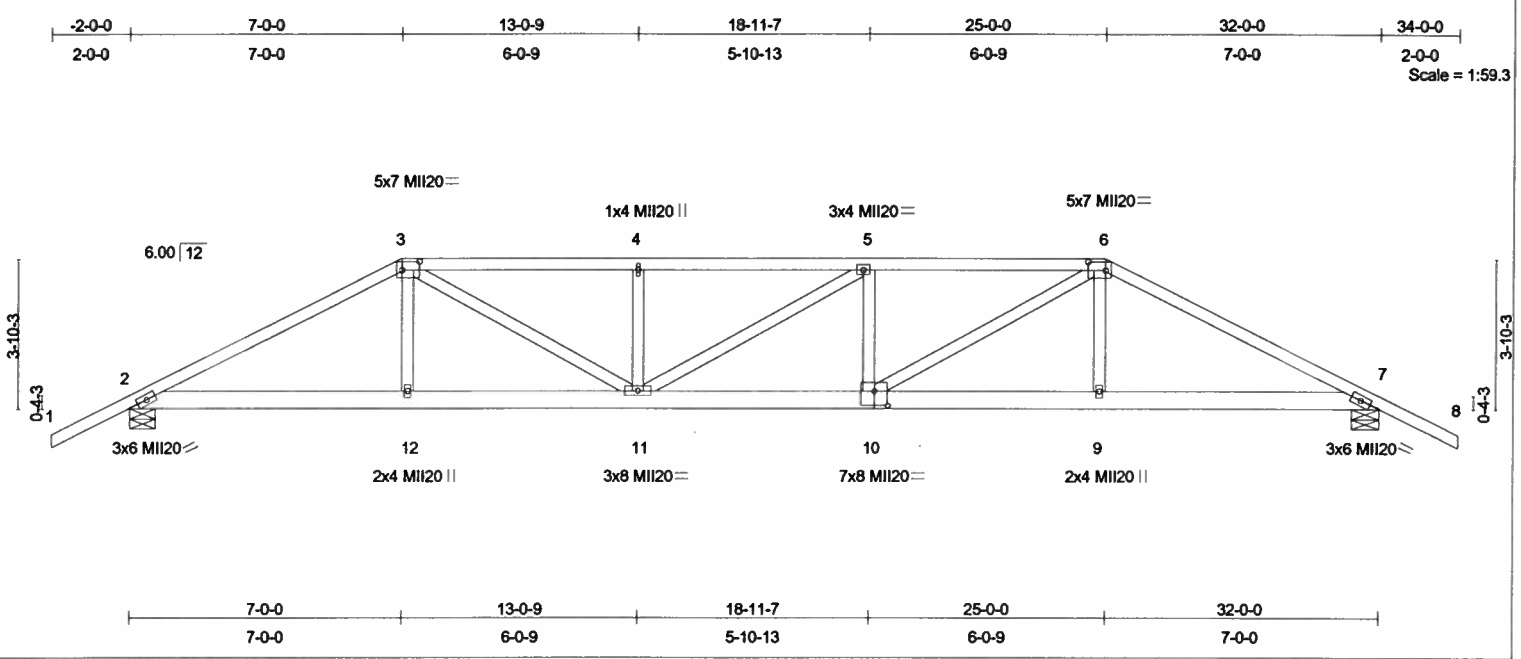

Plate Offsets (X,Y): [3:0-5-4,0-2-8], [6:0-5-4,0-2-8], [10:0-4-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	0.25	10-11	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.42	10-11	>899	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.35	Horz(TL)	0.09	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 358 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-5-12 oc bracing.

REACTIONS (lb/size) 2=2751/0-8-0, 7=2751/0-8-0
Max Horz 2=-108(load case 6)
Max Uplift2=-1408(load case 5), 7=-1408(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/57, 2-3=-5220/2641, 3-4=-6389/3376, 4-5=-6388/3376, 5-6=-6406/3387, 6-7=-5216/2638, 7-8=0/57
BOT CHORD 2-12=-2301/4560, 11-12=-2310/4590, 10-11=-3266/6405, 9-10=-2260/4586, 7-9=-2251/4556
WEBS 3-12=-222/723, 3-11=-1218/2160, 4-11=-800/721, 5-11=-59/38, 5-10=-817/731, 6-10=-1234/2185, 6-9=-215/711

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1408 lb uplift at joint 2 and 1408 lb uplift at joint 7.
9) Girder carries hip end with 7-0-0 end setback.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 513 lb down and 320 lb up at 25-0-0, and 513 lb down and 320 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #56316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	H1	ROOF TRUSS	2	2	I10561382
					Job Reference (optional)

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-60, 3-6=-131(F=-71), 6-8=-60, 2-12=-20, 9-12=-44(F=-24), 7-9=-20
Concentrated Loads (lb)
Vert: 12=-513(F) 9=-513(F)

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Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT	I10561383
9502	H2	ROOF TRUSS	2	1	Job Reference (optional)	

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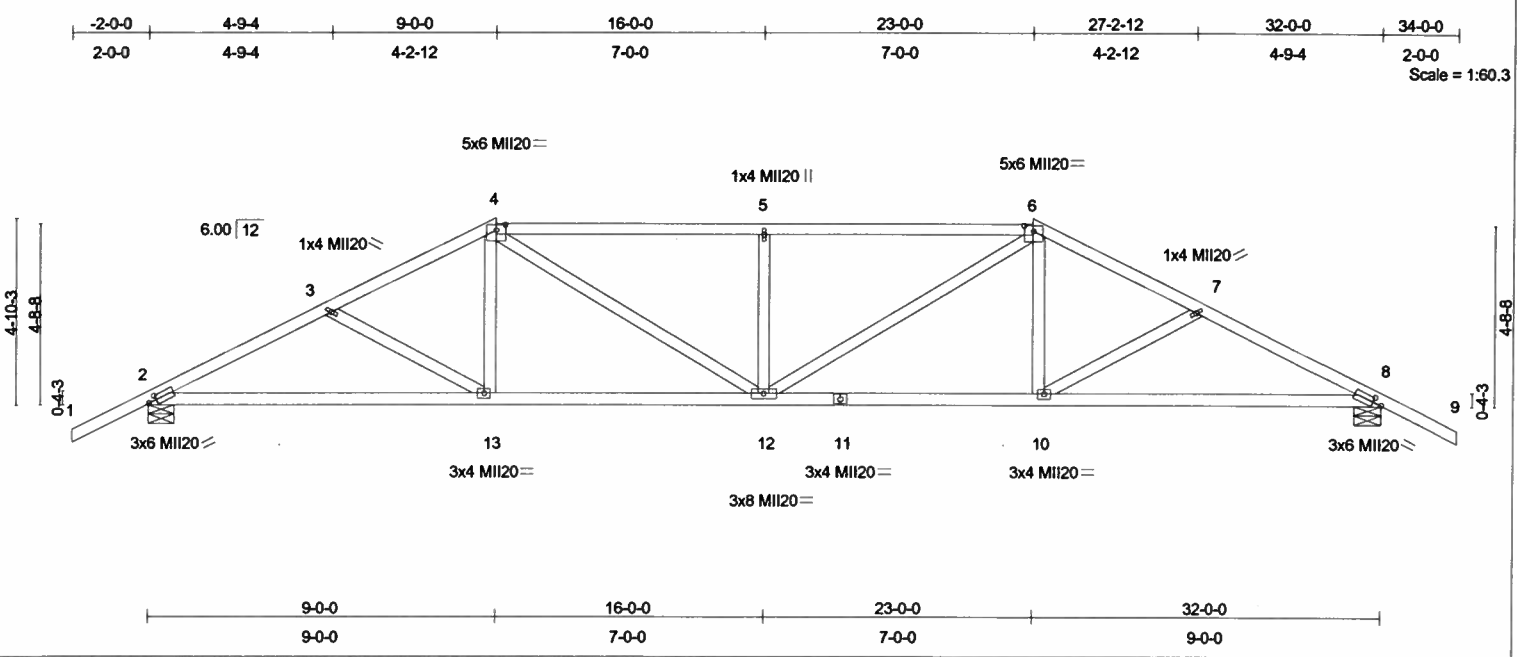

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [4:0-3-0,0-1-12], [6:0-3-0,0-1-12], [8:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.13	12	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.34	8-10	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.40	Horz(TL)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 161 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-2-7 oc bracing.

REACTIONS (lb/size) 2=1393/0-8-0, 8=1393/0-8-0
Max Horz 2=122(load case 5)
Max Uplift2=-581(load case 5), 8=-581(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2221/691, 3-4=-2032/658, 4-5=-2261/816, 5-6=-2261/816, 6-7=-2032/658, 7-8=-2221/691, 8-9=0/53
BOT CHORD 2-13=-574/1891, 12-13=-521/1781, 11-12=-454/1781, 10-11=-454/1781, 8-10=-508/1891
WEBS 3-13=-125/185, 4-13=0/352, 4-12=-328/655, 5-12=-485/359, 6-12=-328/655, 6-10=0/352, 7-10=-125/186

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 581 lb uplift at joint 2 and 581 lb uplift at joint 8.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	H3	ROOF TRUSS	2	1	I10561384
					Job Reference (optional)

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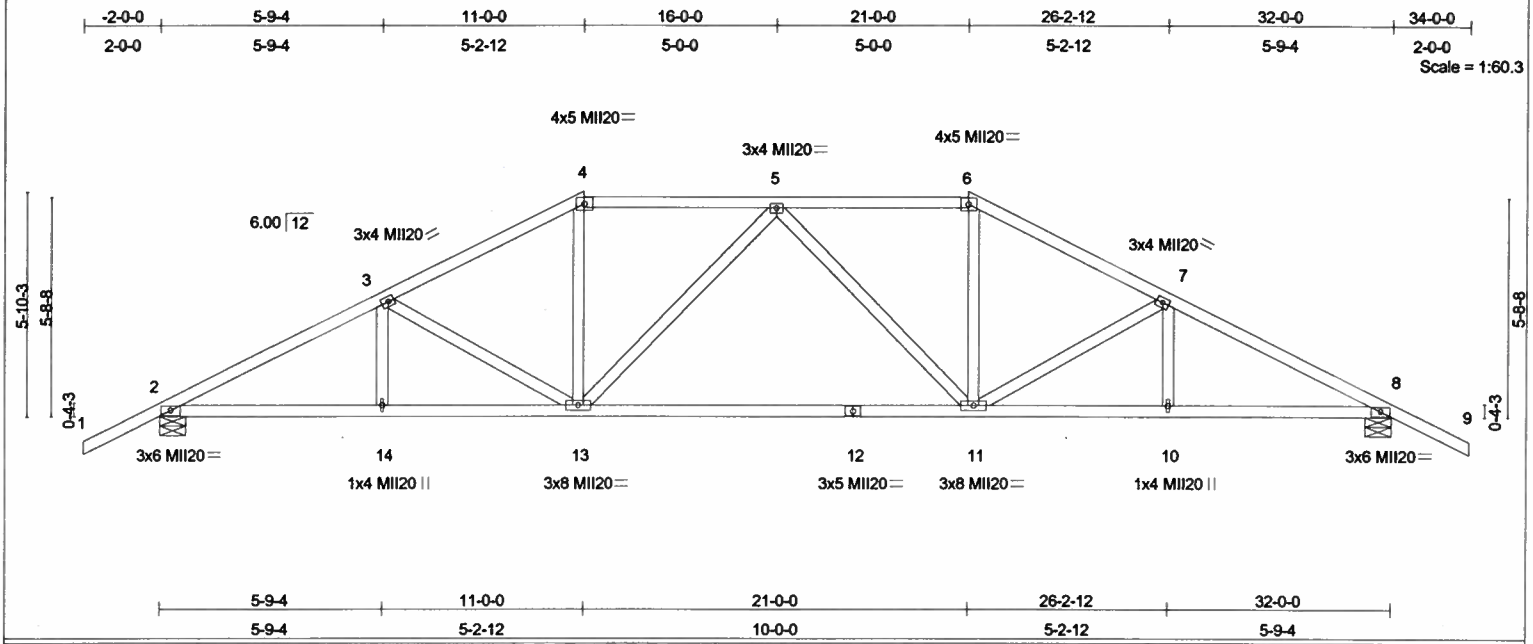

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.25	11-13	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.79	Vert(TL)	-0.69	11-13	>546	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 167 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-0-15 oc bracing.

REACTIONS (lb/size) 2=1393/0-8-0, 8=1393/0-8-0
Max Horz 2=-139(load case 6)
Max Uplift2=-602(load case 5), 8=-602(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2249/701, 3-4=-1890/614, 4-5=-1626/608, 5-6=-1626/608, 6-7=-1890/614, 7-8=-2249/701, 8-9=0/53
BOT CHORD 2-14=-582/1913, 13-14=-582/1913, 12-13=-451/1780, 11-12=-451/1780, 10-11=-444/1913, 8-10=-444/1913
WEBS 3-14=0/154, 3-13=-327/247, 4-13=-94/528, 5-13=-335/234, 5-11=-335/234, 6-11=-94/528, 7-11=-327/248, 7-10=0/154

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 602 lb uplift at joint 2 and 602 lb uplift at joint 8.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

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Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	H4	ROOF TRUSS	2	1	I10561385
					Job Reference (optional)

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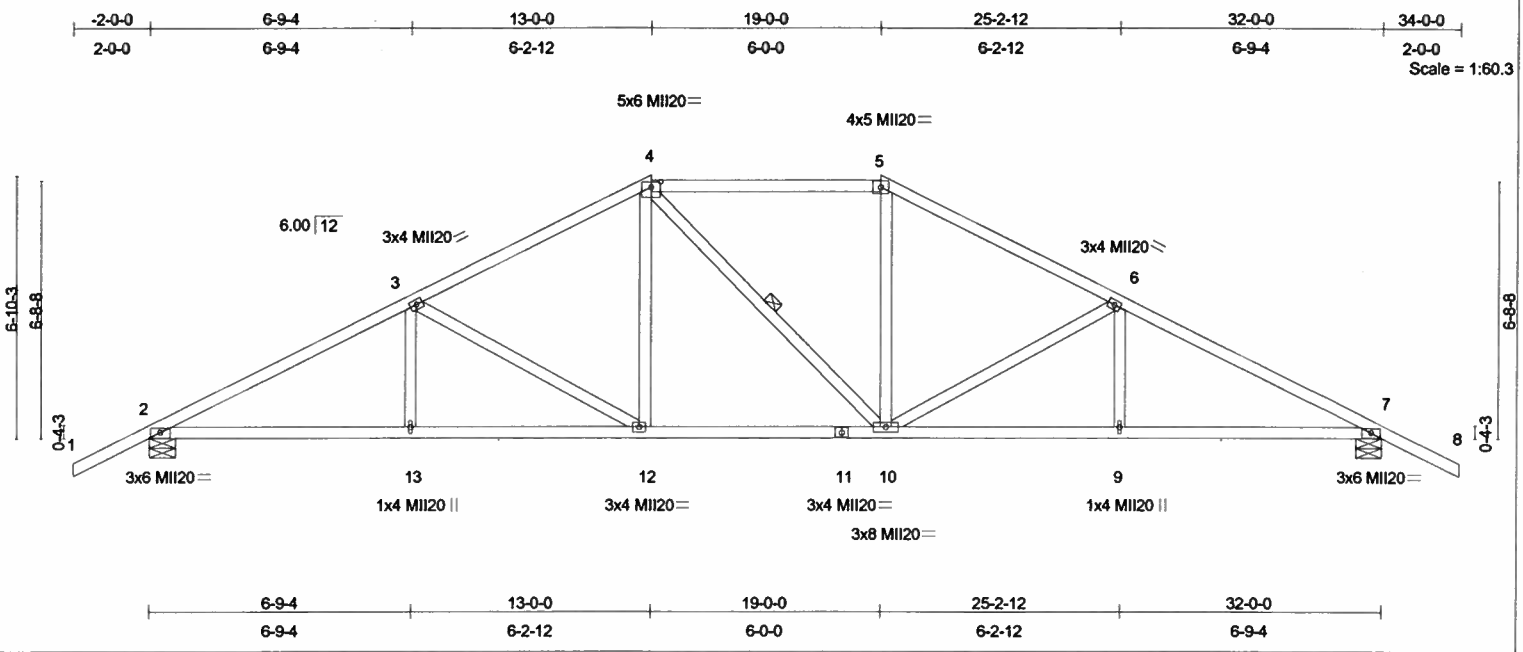

Plate Offsets (X,Y): [4:0-3-0,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.10	12	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.25	10-12	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.10	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 167 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-15 oc bracing.
WEBS 1 Row at midpt 4-10

REACTIONS (lb/size) 2=1393/0-8-0, 7=1393/0-8-0
Max Horz 2=156(load case 5)
Max Uplift2=-620(load case 5), 7=-620(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2239/732, 3-4=-1731/618, 4-5=-1472/623, 5-6=-1731/618, 6-7=-2238/732, 7-8=0/53
BOT CHORD 2-13=-615/1899, 12-13=-615/1899, 11-12=-340/1471, 10-11=-340/1471, 9-10=-460/1899, 7-9=-460/1899
WEBS 3-13=0/263, 3-12=-488/314, 4-12=-95/429, 4-10=-155/156, 5-10=-88/429, 6-10=-487/315, 6-9=0/263

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 620 lb uplift at joint 2 and 620 lb uplift at joint 7.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

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Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT	I10561386
9502	H5	ROOF TRUSS	2	1	Job Reference (optional)	

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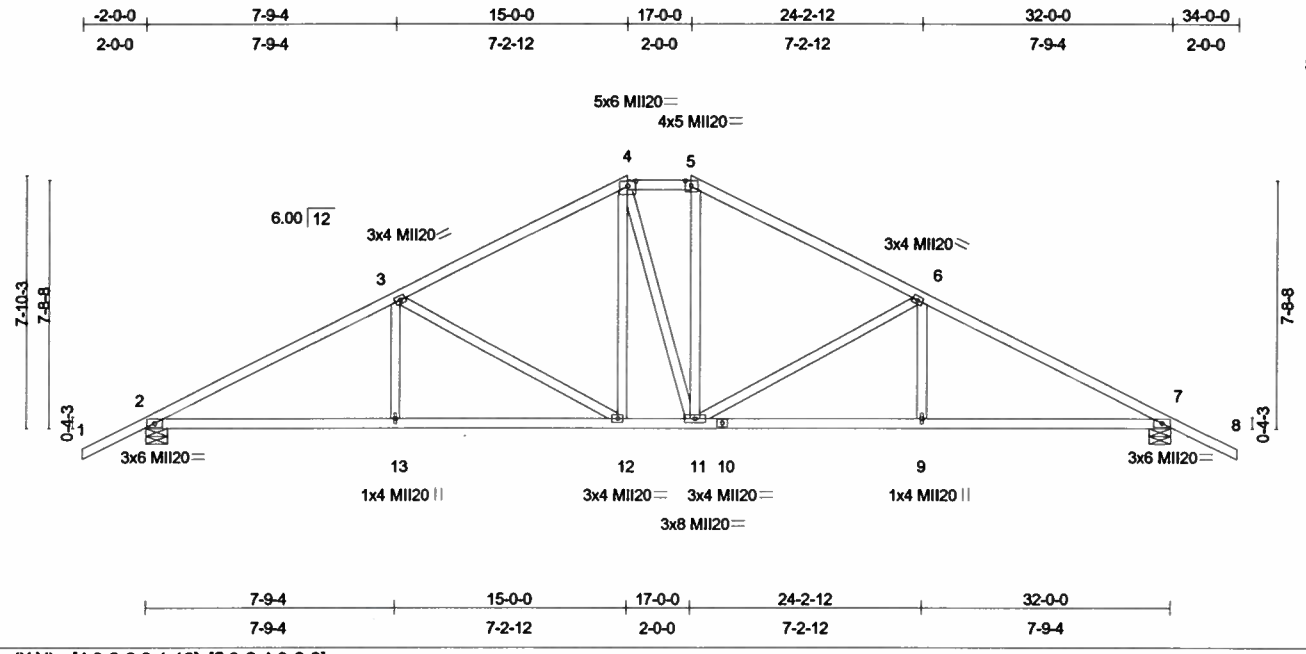

Plate Offsets (X,Y): [4:0-3-0,0-1-12], [5:0-2-4,0-2-0]

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)	0.11	12-13	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.27	12-13	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.73	Horz(TL)	0.10	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 174 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-10-9 oc bracing.

REACTIONS (lb/size) 2=1393/0-8-0, 7=1393/0-8-0
Max Horz 2=173(load case 5)
Max Uplift2=-636(load case 5), 7=-636(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2214/755, 3-4=-1577/604, 4-5=-1318/622, 5-6=-1579/605, 6-7=-2213/755, 7-8=0/53
BOT CHORD 2-13=-640/1872, 12-13=-640/1872, 11-12=-299/1316, 10-11=-472/1871, 9-10=-472/1871, 7-9=-472/1871
WEBS 3-13=0/324, 3-12=-637/387, 4-12=-144/404, 4-11=-202/215, 5-11=-173/436, 6-11=-634/387, 6-9=0/322

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 636 lb uplift at joint 2 and 636 lb uplift at joint 7.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

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Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	H6	ROOF TRUSS	2	2	I10561387
					Job Reference (optional)

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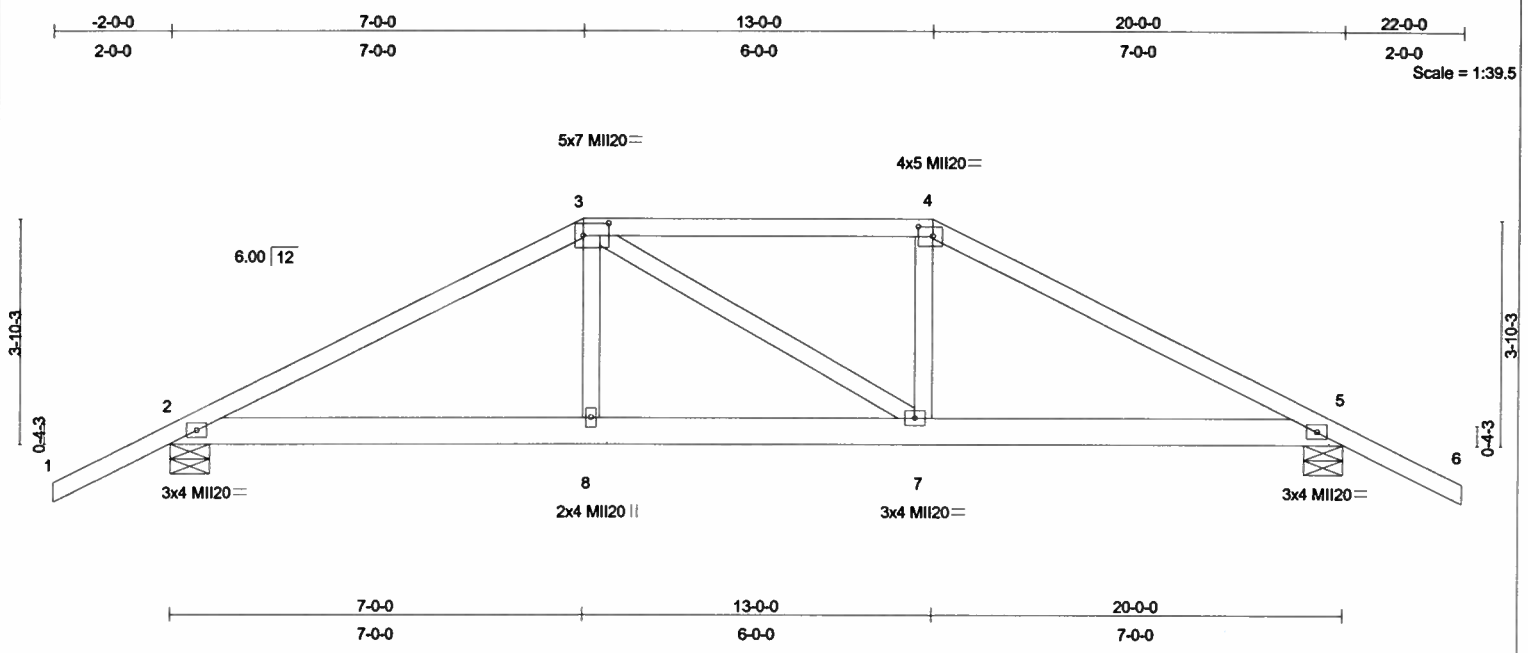


Plate Offsets (X,Y): [3:0-5-4,0-2-8], [4:0-3-0,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	0.06	7-8	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.10	7-8	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.12	Horz(TL)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 209 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 2=1706/0-8-0, 5=1706/0-8-0
Max Horz 2=108(load case 5)
Max Uplift2=-936(load case 5), 5=-936(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/57, 2-3=-2959/1420, 3-4=-2582/1353, 4-5=-2957/1418, 5-6=0/57
BOT CHORD 2-8=-1200/2554, 7-8=-1209/2584, 5-7=-1151/2552
WEBS 3-8=-221/712, 3-7=-117/113, 4-7=-240/757

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 936 lb uplift at joint 2 and 936 lb uplift at joint 5.
9) Girder carries hip end with 7-0-0 end setback.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 513 lb down and 320 lb up at 13-0-0, and 513 lb down and 320 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

Continued on page 2

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-4=-131(F=-71), 4-6=-60, 2-8=-20, 7-8=-44(F=-24), 5-7=-20

Concentrated Loads (lb)

Vert: 8=-513(F) 7=-513(F)

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT	I10561388
9502	H7	ROOF TRUSS	2	1	Job Reference (optional)	

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:47 2006 Page 1

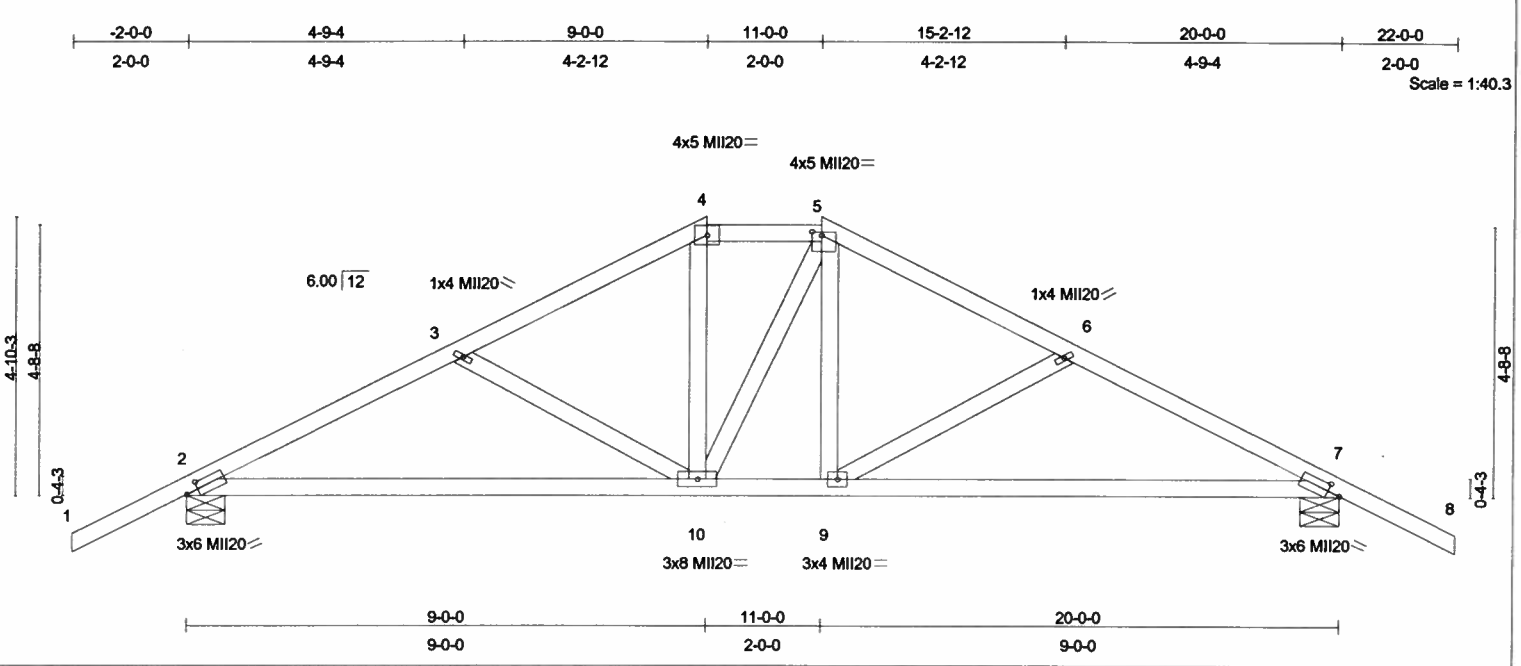


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [5:0-2-0,0-0-12], [7:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.12	7-9	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.30	7-9	>784	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.10	Horz(TL)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 103 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-7-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=913/0-8-0, 7=913/0-8-0
Max Horz 2=-122(load case 6)
Max Uplift2=-455(load case 5), 7=-455(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-1236/434, 3-4=-983/332, 4-5=-823/350, 5-6=-982/332, 6-7=-1236/434, 7-8=0/53
BOT CHORD 2-10=-337/1034, 9-10=-126/821, 7-9=-256/1034
WEBS 3-10=-241/218, 4-10=-68/266, 5-10=-101/108, 5-9=-34/268, 6-9=-243/219

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 455 lb uplift at joint 2 and 455 lb uplift at joint 7.

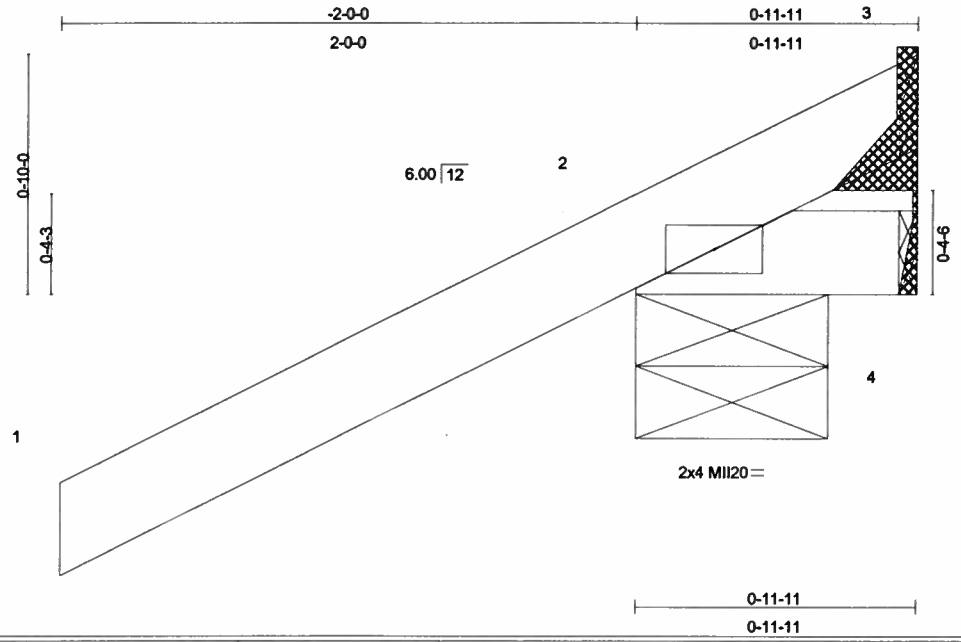
LOAD CASE(S) Standard

Scott W. Miller, FL Lic #59316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT	I10561389
9502	J	ROOF TRUSS	16	1	Job Reference (optional)	

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:48 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.00	2	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 7 lb	

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

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

REACTIONS (lb/size) 2=305/0-8-0, 4=9/Mechanical, 3=-120/Mechanical
Max Horz 2=104(load case 5)
Max Uplift2=-355(load case 5), 3=-120(load case 1)
Max Grav 2=305(load case 1), 4=18(load case 2), 3=179(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/52, 2-3=-87/89
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 355 lb uplift at joint 2 and 120 lb uplift at joint 3.

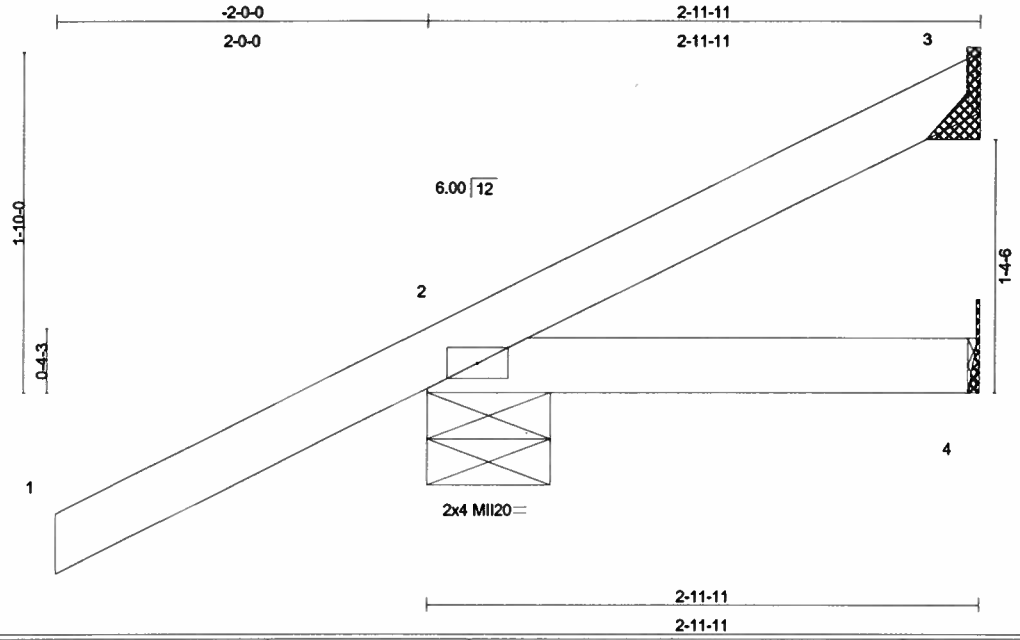
LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	J2	ROOF TRUSS	16	1	I10561390
					Job Reference (optional)

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:48 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.00	2-4	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=9/Mechanical, 2=306/0-8-0, 4=26/Mechanical
Max Horz 2=156(load case 5)
Max Uplift3=-24(load case 6), 2=-269(load case 5)
Max Grav3=24(load case 3), 2=306(load case 1), 4=52(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-71/11
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 24 lb uplift at joint 3 and 269 lb uplift at joint 2.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

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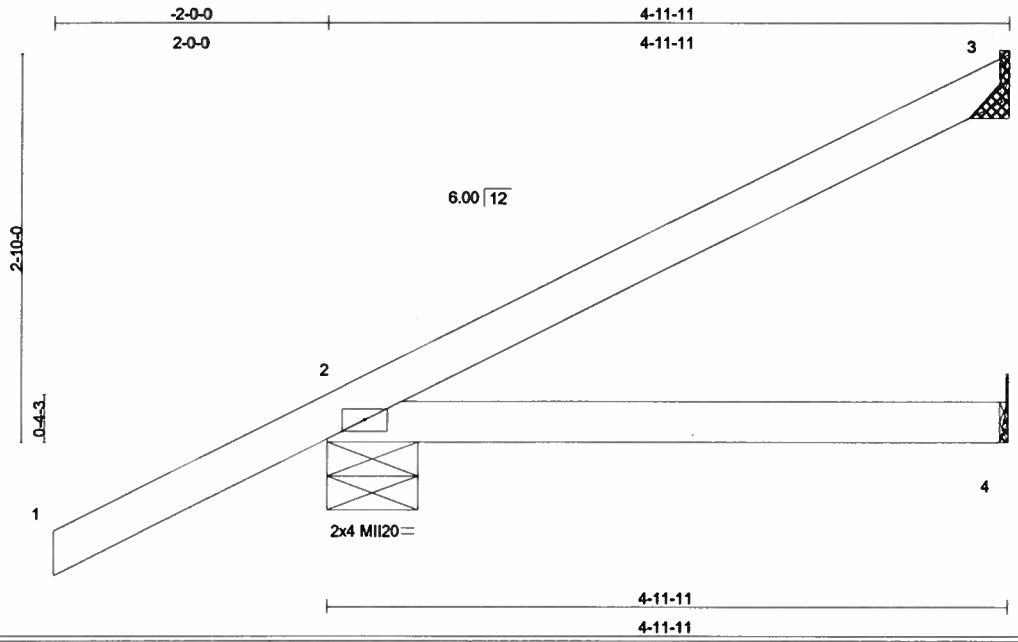
POWER TO PERFORM.
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	J4	ROOF TRUSS	16	1	I10561391
					Job Reference (optional)

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:49 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.02	2-4	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.06	2-4	>934	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 19 lb	

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

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

REACTIONS (lb/size) 3=99/Mechanical, 2=357/0-8-0, 4=46/Mechanical
Max Horz 2=212(load case 5)
Max Uplift3=-91(load case 5), 2=-251(load case 5)
Max Grav3=99(load case 1), 2=357(load case 1), 4=92(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-82/34
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 3 and 251 lb uplift at joint 2.

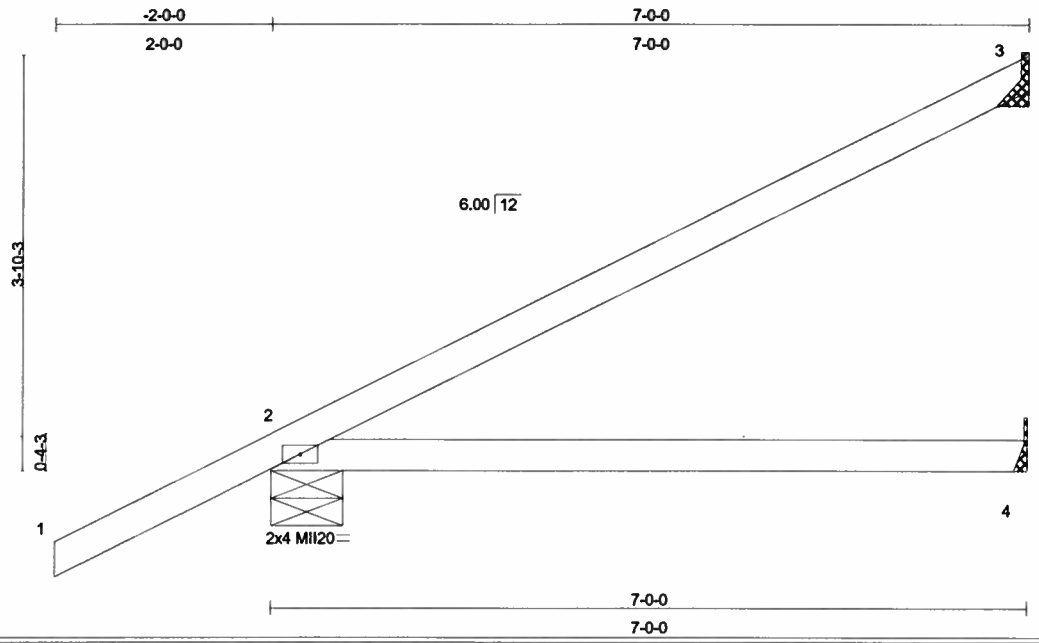
LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	J7	ROOF TRUSS	28	1	I10561392
					Job Reference (optional)

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:49 2006 Page 1



Scale = 1:21.4

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.10	2-4	>794	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.25	2-4	>318	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 26 lb	

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

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

REACTIONS (lb/size) 3=171/Mechanical, 2=427/0-8-0, 4=66/Mechanical
Max Horz 2=269(load case 5)
Max Uplift 3=-167(load case 5), 2=-258(load case 5)
Max Grav 3=171(load case 1), 2=427(load case 1), 4=132(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-109/62
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 167 lb uplift at joint 3 and 258 lb uplift at joint 2.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

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14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	S2	ROOF TRUSS	11	1	I10561393
					Job Reference (optional)

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:51 2006 Page 1

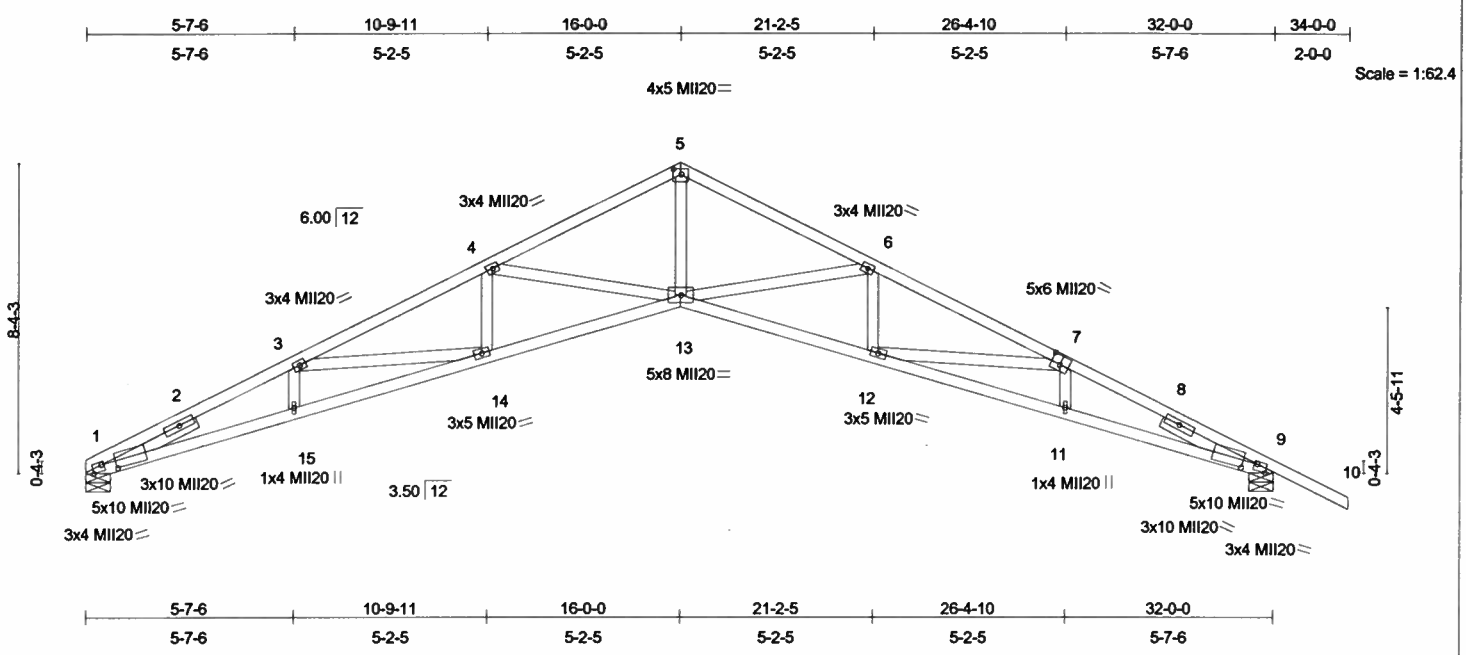

Plate Offsets (X,Y): [1:0-4-13,0-2-8], [1:0-3-1,Edge], [5:0-2-8,0-1-12], [7:0-3-0,0-3-0], [9:0-4-13,0-2-8], [9:0-3-1,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.64	Vert(LL)	0.47	13-14	>800	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.92	Vert(TL)	-1.04	13-14	>363	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.79	Horz(TL)	0.84	9	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 160 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
SLIDER Left 2 X 4 SYP No.3 2-9-14, Right 2 X 4 SYP No.3 2-9-14

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 1=1248/0-8-0, 9=1399/0-8-0
Max Horz 1=-206(load case 6)
Max Uplift1=-475(load case 5), 9=-644(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4398/1664, 2-3=-4334/1684, 3-4=-4042/1450, 4-5=-3173/1002, 5-6=-3174/1022, 6-7=-4017/1223, 7-8=-4237/1326, 8-9=-4319/1305, 9-10=0/49
BOT CHORD 1-15=-1555/3952, 14-15=-1561/3974, 13-14=-1225/3748, 12-13=-941/3726, 11-12=-1055/3874, 9-11=-1043/3853
WEBS 3-15=0/154, 3-14=-311/320, 4-14=-43/272, 4-13=-867/566, 5-13=-705/2478, 6-13=-847/548, 6-12=-31/266, 7-12=-236/265, 7-11=0/152

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; 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) Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 475 lb uplift at joint 1 and 644 lb uplift at joint 9.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

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14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	T1	ROOF TRUSS	23	1	I10561394
					Job Reference (optional)

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:52 2006 Page 1

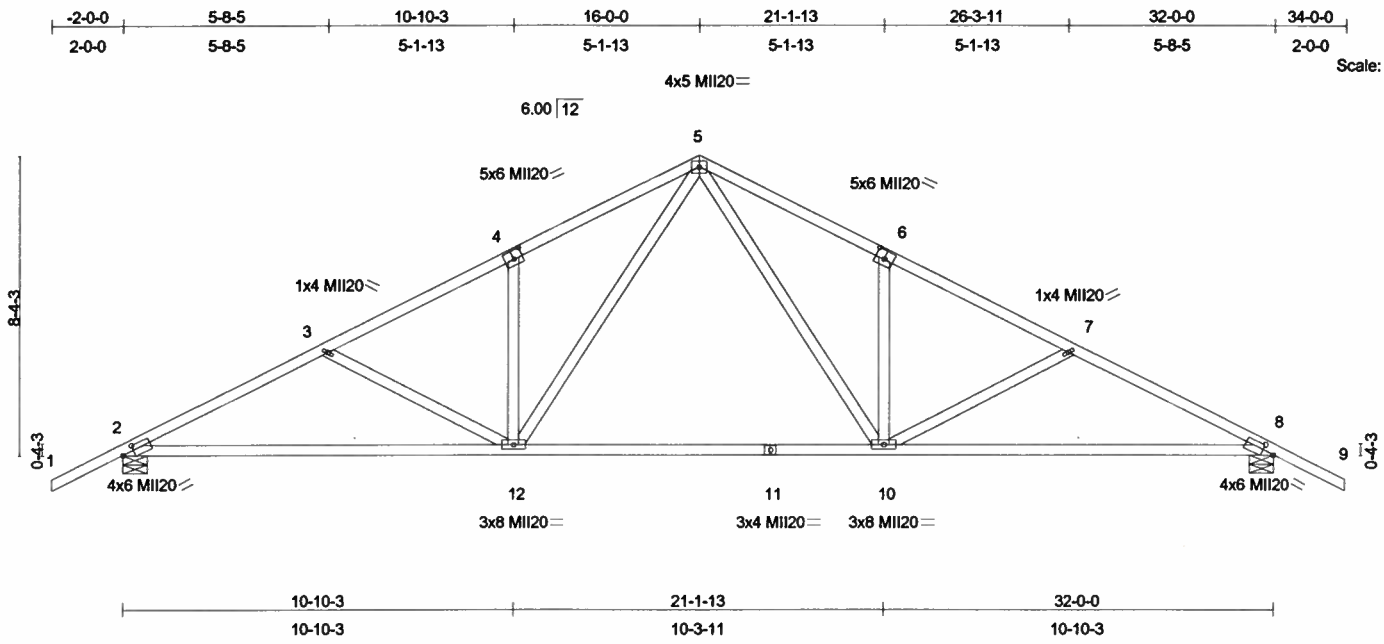

Plate Offsets (X,Y): [2:0-3-14,0-1-12], [4:0-3-0,0-3-0], [6:0-3-0,0-3-0], [8:0-3-14,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.23	8-10	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.62	8-10	>607	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.09	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 168 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-2-11 oc bracing.

REACTIONS (lb/size) 2=1393/0-8-0, 8=1393/0-8-0
Max Horz 2=182(load case 5)
Max Uplift2=-642(load case 5), 8=-642(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2208/825, 3-4=-1895/692, 4-5=-1885/857, 5-6=-1885/857, 6-7=-1895/692, 7-8=-2208/825, 8-9=0/53
BOT CHORD 2-12=-731/1887, 11-12=-266/1210, 10-11=-266/1210, 8-10=-549/1887
WEBS 3-12=-300/274, 4-12=-315/325, 5-12=-405/793, 5-10=-404/793, 6-10=-315/325, 7-10=-300/275

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; 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 642 lb uplift at joint 2 and 642 lb uplift at joint 8.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

Job	Truss	Truss Type	Qty	Ply	COMMERCIAL VAULT
9502	T4	ROOF TRUSS	2	1	I10561395
					Job Reference (optional)

Reese Building Components, Inc., Sylvester Ga. 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Jun 23 14:37:52 2006 Page 1

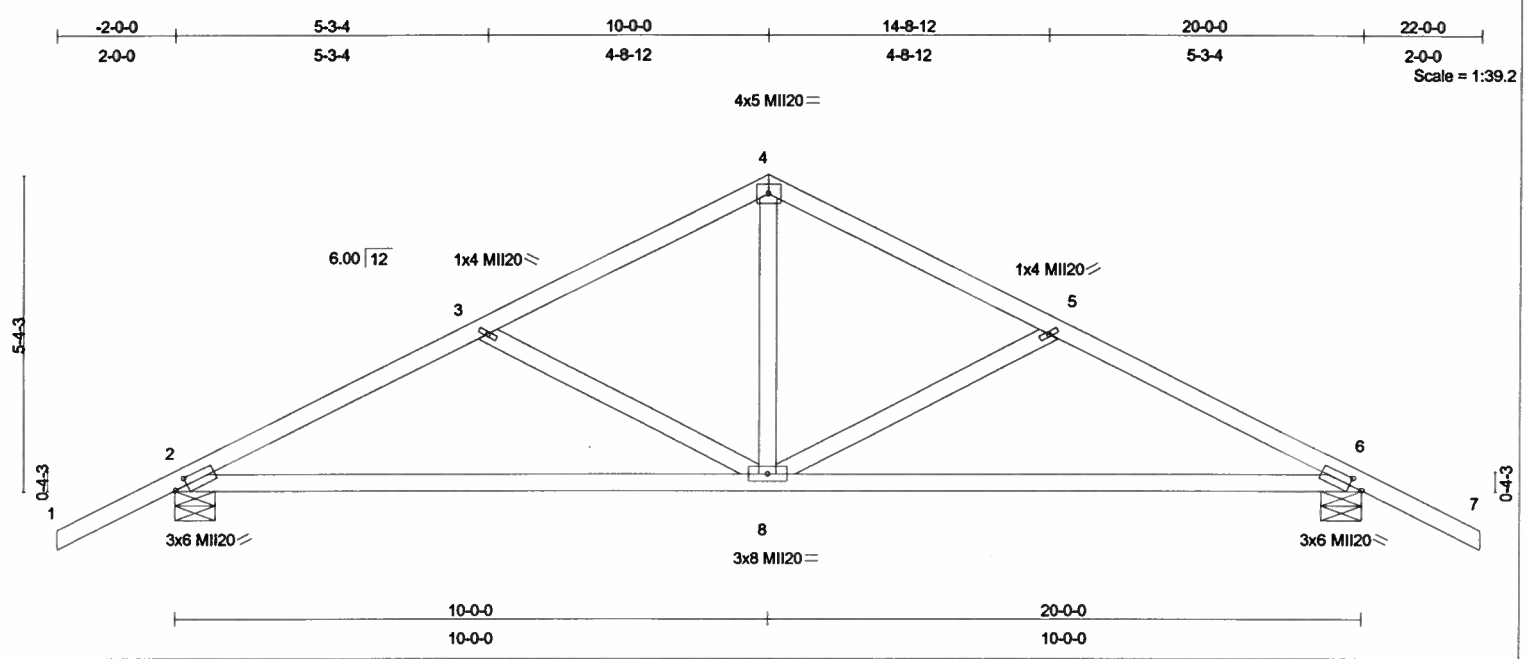

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [6:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.14	2-8	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.36	2-8	>643	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.18	Horz(TL)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 93 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=913/0-8-0, 6=913/0-8-0
Max Horz 2=-131(load case 6)
Max Uplift2=-462(load case 5), 6=-462(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-1220/447, 3-4=-923/339, 4-5=-923/339, 5-6=-1220/447, 6-7=0/53
BOT CHORD 2-8=-353/1018, 6-8=-263/1018
WEBS 3-8=-308/263, 4-8=-88/547, 5-8=-308/264

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; 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 462 lb uplift at joint 2 and 462 lb uplift at joint 6.

LOAD CASE(S) Standard

Scott W. Miller, FL Lic #58316
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 26,2006

MiTek
POWER TO PERFORM.
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

RUNYON RESIDENCE

883 SW Legion Drive, Lake City, FL 32024

WIND LOAD CALCULATIONS

Winds loads per FBC 2004, Section 1609 for enclosed simple diaphragm buildings with mean roof height less than 60' or the least horizontal dimension; not sited in the upper half of an unobsrtucted 60' high hill with > 10% slope.)

Basic Wind Speed	110 MPH
Wind Exposure	B
Wind Importance Factor	1.0
Building Category	II
Internal Pressure Coefficient	N/A (Enclosed)
High velocity hurricane zone	No
Wind-borne debris region	No
Mean Roof Height	15'
Roof Angle	26.5 degrees
Supports	Light frame roof only

MWFRS	**Horizontal wall loads**	
Zone	**Transverse**	**Longitudinal**
End	26.6	19.2
Interior	17.7	12.7

WORST CASE	**Transverse**	**Longitudinal**
Required	5.7'	3.4'
Provided	**26.33'**	**71'**

Worst case load is parallel to trusses/perpendicular to ridge			
Lmin	wall segment min length (see below)	2'	
Main house	Length between shear walls	60'	**Worst**
Lrequired	For 6" ARXX: 0,85 x 6.75'	5.7'	**case**
Lprovided	32' - 3.0' - 2.67'	**26.33' >> 5.7'**	**OK**
	At demising wall, garage section from main house (60'/40')		
Longitudinal	0.85 x 4'	3.4'	
Remainder of house	OK by inspection		

ARXX PRESCRIPTIVE

Minimum solid wall segment

Block	Max wall height, feet					
	10	12	14	16	18	20
4"	2'-0					
6"	*2'-0*	2'-5	2'-10	3'-2		
8"	2'-0	2'-5	2'-10	3'-2	3'-7	4'-0

Mark D. Repasky, PE
FL Civil 36872

656-D Capital Circle NE
Tallahassee, FL 32301

850-561-1111
fax 385-1832

Notice of Treatment 12/21

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE BAYA AVE
City Lake City Phone 7521003

Site Location: Subdivision Southpointe
Lot # 1 Block# Permit # 24732
Address 883 SW Legion DR

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

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Dwelling	3800	293	280

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

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

8/14/06 Date | 1330 Time | FJ54 GUNNY Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 17-4S-16-03051-101 **Building permit No.** 000024732

Use Classification SFD/UTILITY **Fire:** 55.80

Permit Holder ROGER W. RUNYUN **Waste:** 167.50

Owner of Building ROGER RUNYUN & JOYCE E. COLLINS **Total:** 223.30

Location: 883 SW LEGION DRIVE

Date: 12/21/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)