DATE 04/21/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000024413

APPLICANT BRYAN ZECHER PHONE 752.8653

ADDRESS POB 815 LAKE CITY FL 32056

OWNER BRYAN & KATHY SCHREIBER PHONE 623.0462

ADDRESS 4267 NW LASSIE BLACK STREET FT. WHITE FL 32038

CONTRACTOR BRYAN ZECHER PHONE 752.8653

LOCATION OF PROPERTY 41-N TO -246/LASSIE BLACK R ,TR CROSS 1ST. BRIDGE TO JOB SITE AND IT'S THE NXT L.

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 97650.00

HEATED FLOOR AREA 2663.00 TOTAL AREA 4361.00 HEIGHT 29.00 STORIES 2

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

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. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 15-2S-16-01618-001 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 5.02

		CBC054575		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
EXISTING	06-0291-N	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ONE FOOT ABOVE ROAD.

Check # or Cash 24444

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 $ 490.00 CERTIFICATION FEE $ 21.80 SURCHARGE FEE $ 21.80

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** 583.60

INSPECTORS OFFICE 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

Revised 9-23-04

For Office Use Only Application # 0604-48 Date Received 4-19-06 By CT Permit # 24413

Application Approved by - Zoning Official BLK Date 19.04.06 Plans Examiner OK TH Date 4-20-06

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

Comments

Applicants Name Bryan Tecker 867-4994 Phone 752-8653 758-8920

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

Owners Name Brian Schneiber (and Kathy) Phone 623-0462

911 Address 4267 NW Lassie Black St. White Springs, FL 32096

Contractors Name Bryan Tecker Construction, Inc. Phone 752-8653

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

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Teena Rotto / Mark Disaway

Mortgage Lenders Name & Address First Federal

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

Property ID Number 15-23-16-01618-001 Estimated Cost of Construction

Subdivision Name N/A Lot Block Unit Phase

Driving Directions North on Hwy 41. Turn Right onto CR 246 / Lassie Black St. Cross Bridge. Drive to job site is next Left.

Type of Construction New home Number of Existing Dwellings on Property 0

Total Acreage 5.020 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 150' Side 320' Side 75' Rear 260'

Total Building Height 29' Number of Stories 2 Heated Floor Area 2663 Roof Pitch 6/12

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

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

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

Owner Builder or Agent (including Contractor)

Contractor Signature

Contractors License Number CBC054575

Competency Card Number

NOTARY STAMP/SEAL

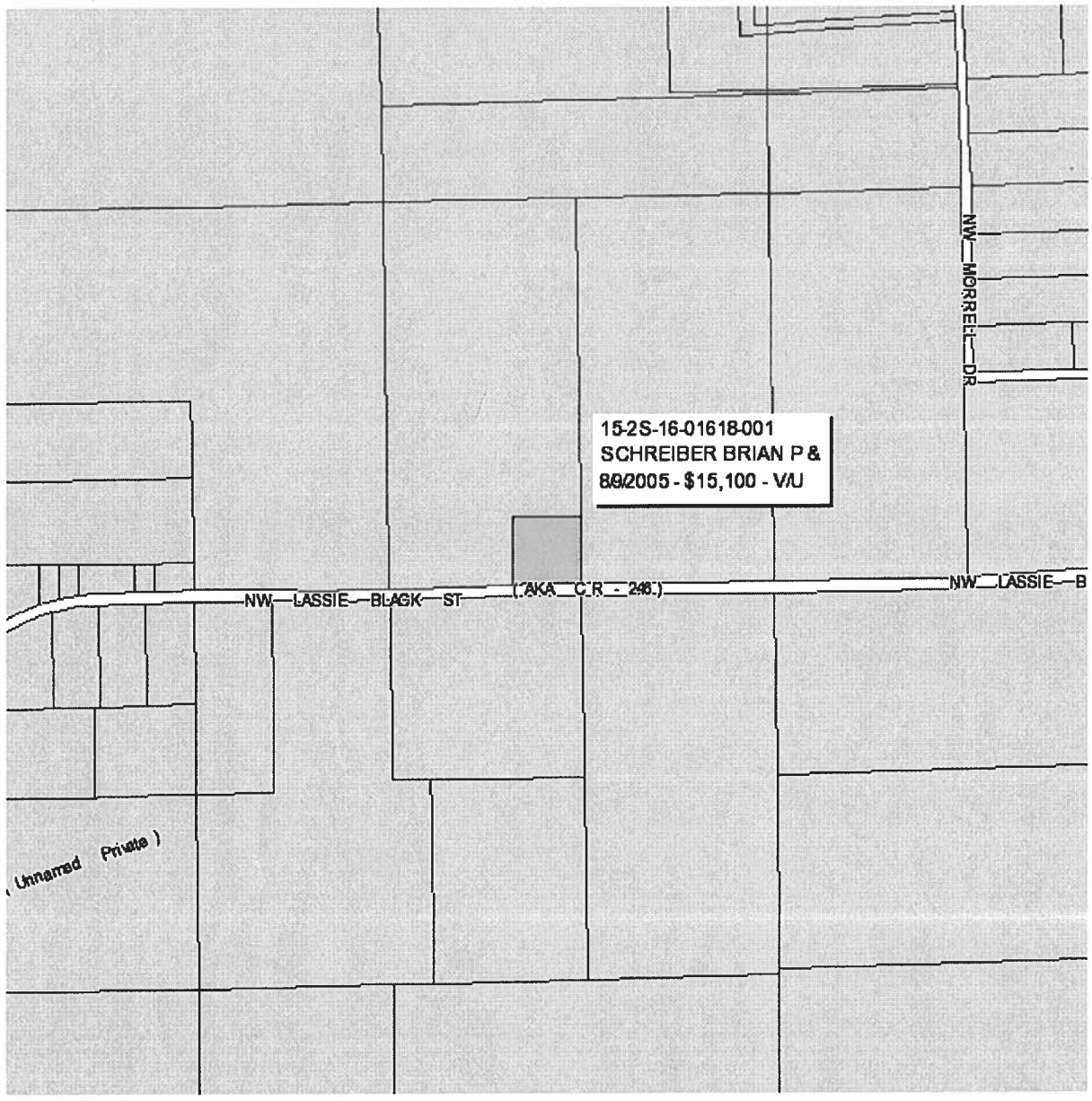
STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 18 day of April 20 06.

Personally known ____ or Produced Identification ____

Notary Signature

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



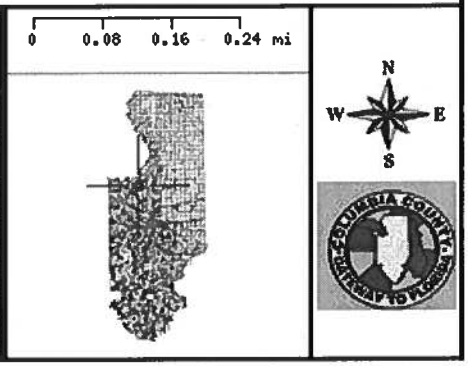
Columbia County Property Appraiser

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

PARCEL: 15-2S-16-01618-001 - NO AG ACRE (009900)

COMM AT NE COR OF NW1/4 OF NE 1/4 OF SEC, RUN S 2159.31 FT TO POB, W 471.83 FT, S 464 FT

Name:	SCHREIBER BRIAN P &	LandVal	$24,407.00
Site:		BldgVal	$0.00
	KATHERINE L	ApprVal	$24,407.00
Mail:	543 SW BROOKWOOD DRIVE	JustVal	$24,407.00
	LAKE CITY, FL 32024	Assd	$24,407.00
Sales Info	8/9/2005 $15,100.00 V / U	Exmpt	$0.00
		Taxable	$24,407.00



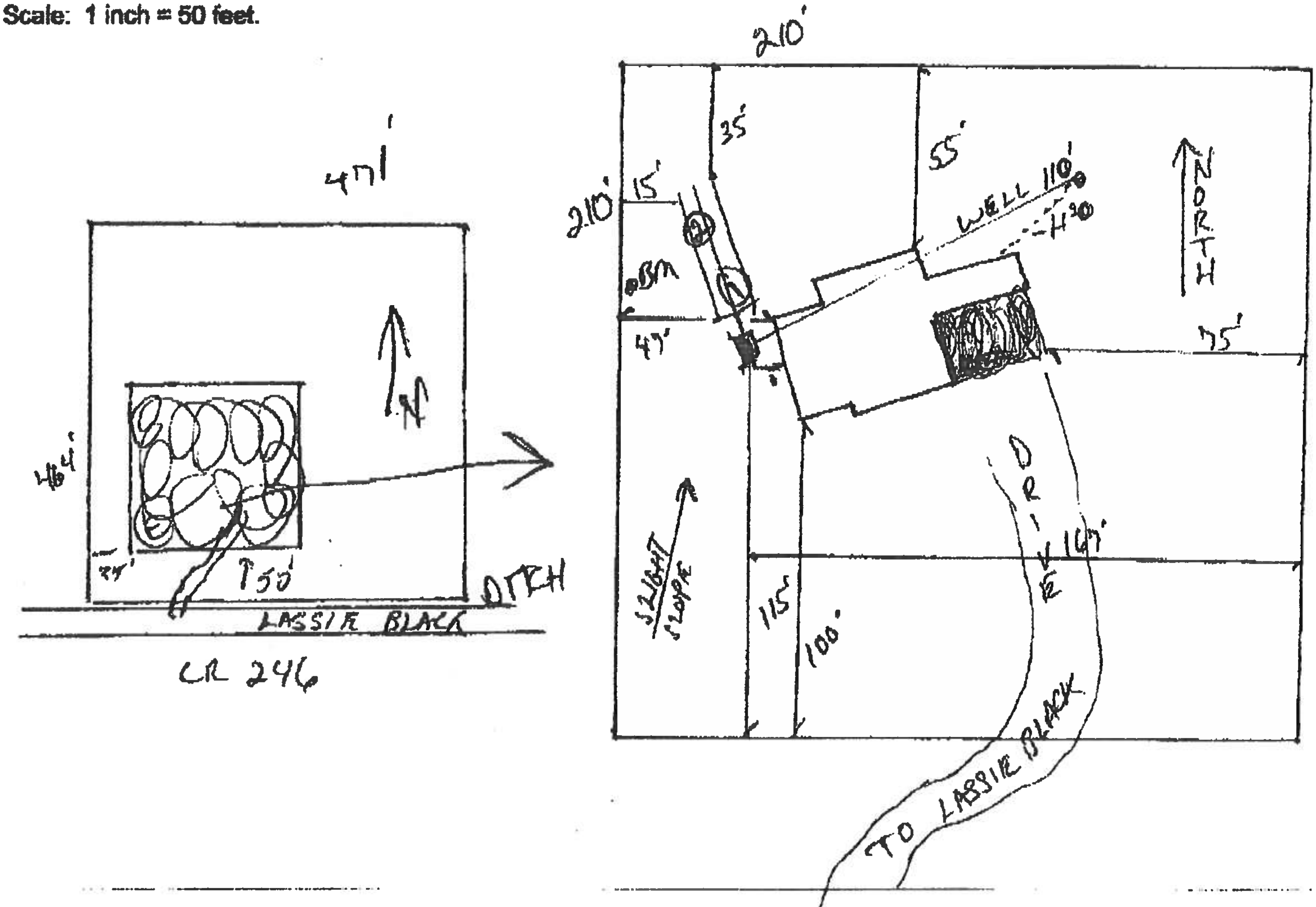
This information, GIS Map Updated: 4/6/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION F0R ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0291N

---------------------------------- PART II - SITEPLAN ----------------------------------

Scale: 1 inch = 50 feet.



Notes: 1 Acre of 5 Acres

Site Plan submitted by: [signature] MASTER CONTRACTOR

Plan Approved X Not Approved Date 4/19/6

By [signature] APPROVED Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

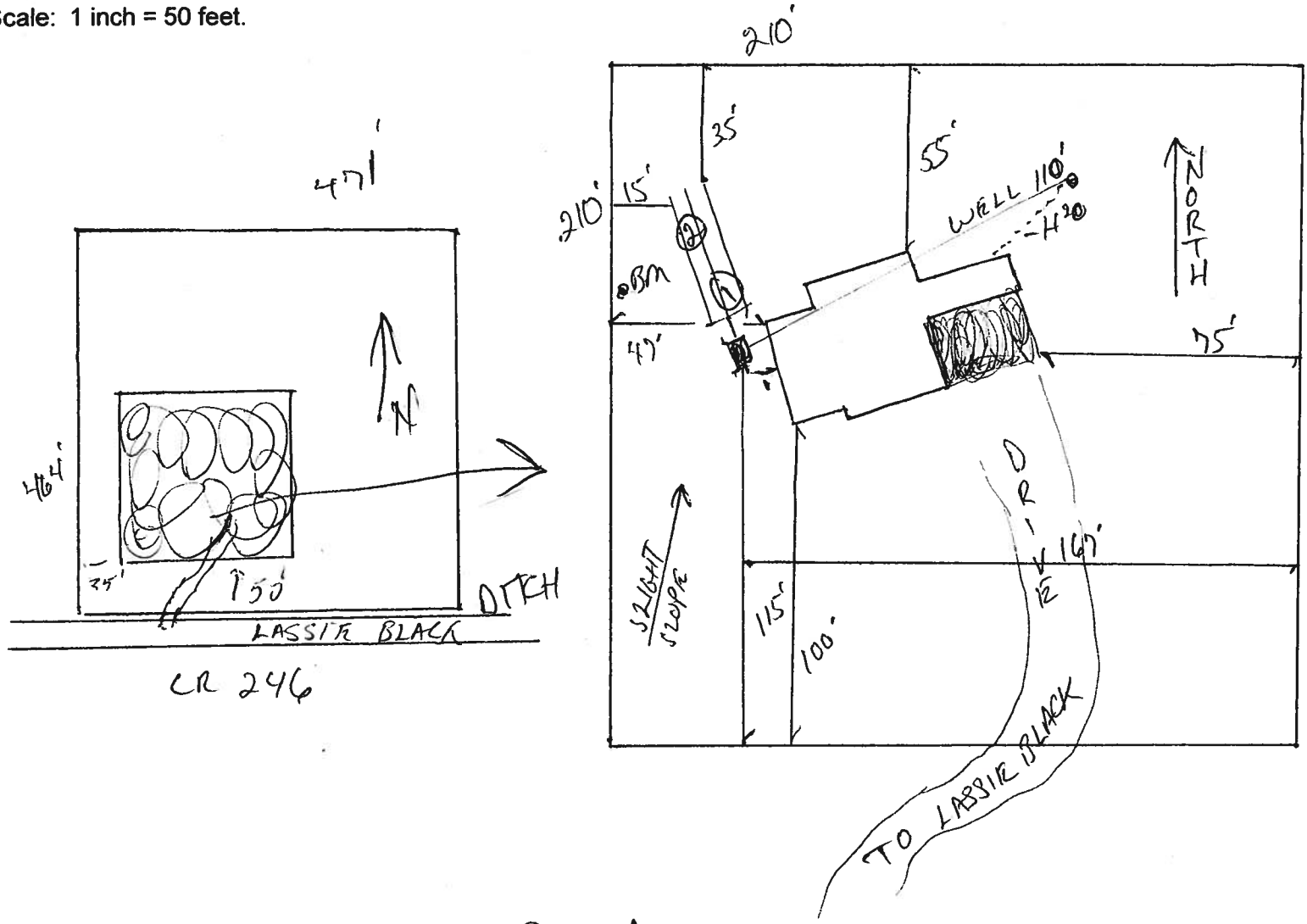
DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

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

Permit Application Number 06-0291N

---------- PART II - SITEPLAN ----------

Scale: 1 inch = 50 feet.



Notes: 1 Acre of 5 Acres

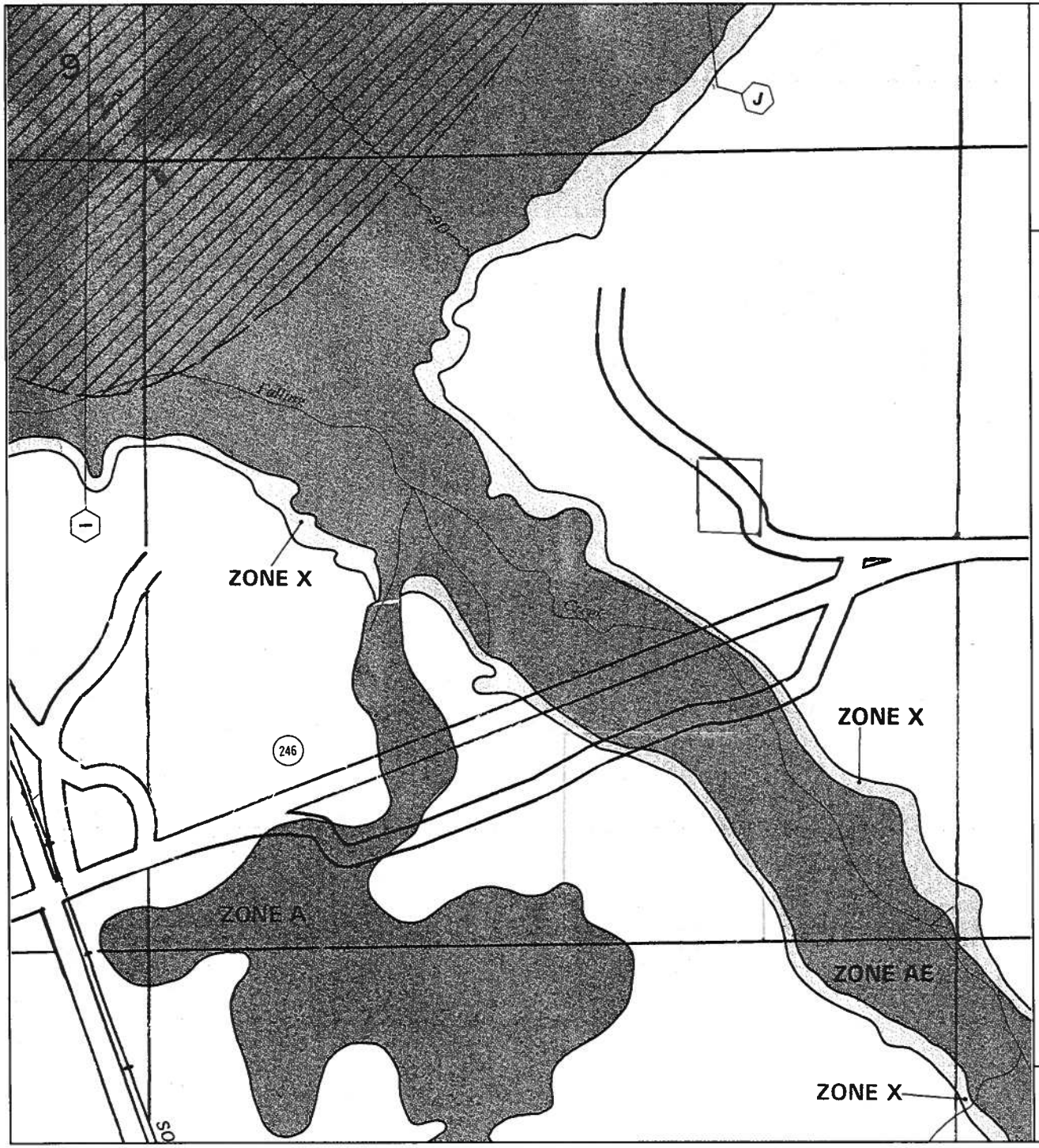
Site Plan submitted by: Rocky Tedder MASTER CONTRACTOR

Plan Approved Not Approved Date 4/19/06

By APPROVED Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

SCHREIBER (060448)



N

APPROXIMATE SCALE IN FEET

1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

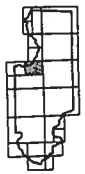
FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 110 OF 290

PANEL LOCATION



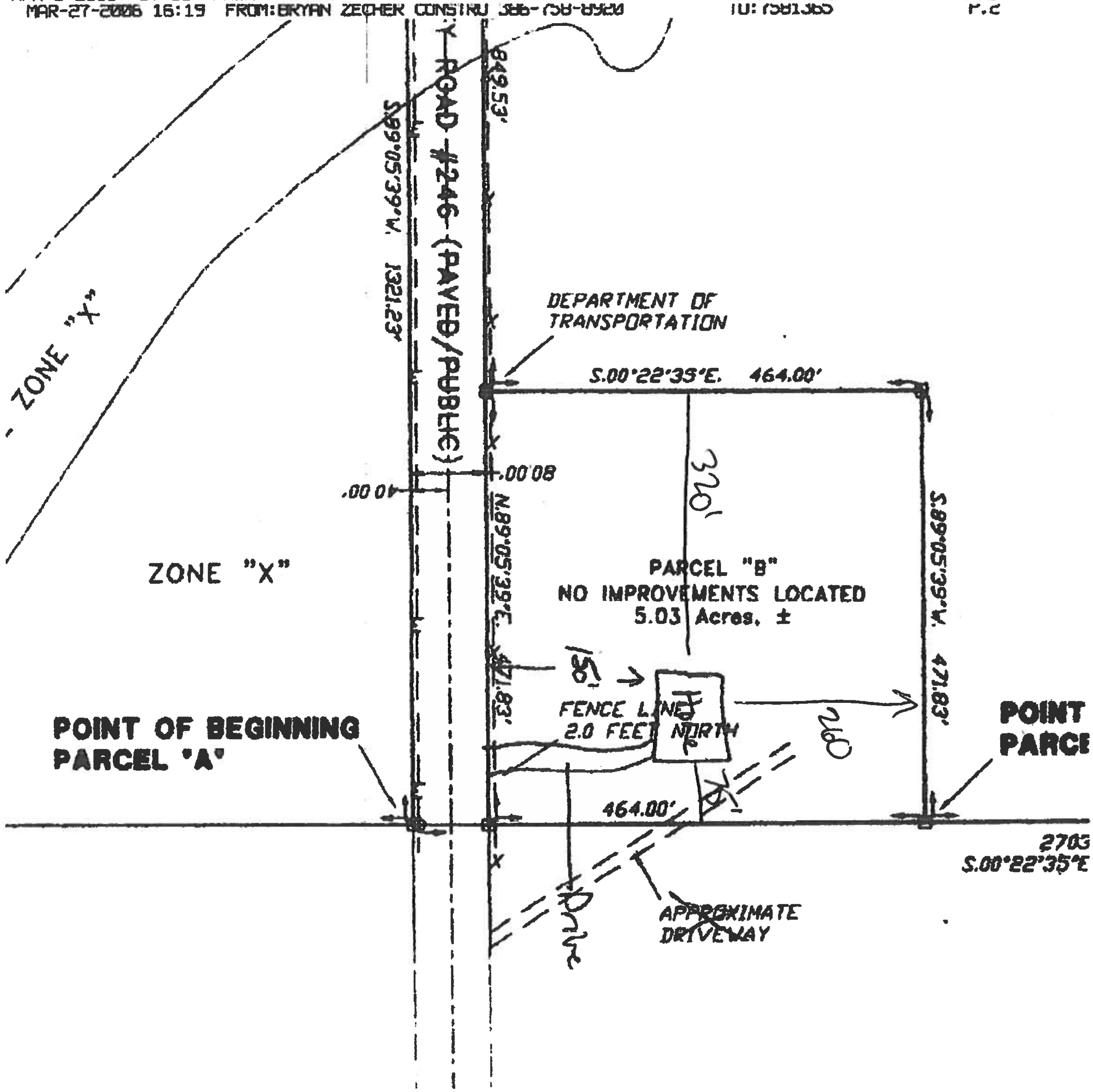
COMMUNITY-PANEL NUMBER
120070 0110 B

EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

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

Print Date: 4/19/2006 (printed at scale and type A)


ROAD #246 (PAVED/PUBLIC)
849.53'
S.89°05'39"W. 1321.23'
ZONE "X"
ZONE "X"
DEPARTMENT OF
TRANSPORTATION
S.00°22'35"E. 464.00'
80.00'
40.00'
N.89°05'39"E. 471.83'
S.89°05'39"W. 471.83'
PARCEL "B"
NO IMPROVEMENTS LOCATED
5.03 Acres. ±
320'
150'
260
FENCE LINE
2.0 FEET NORTH
464.00'
POINT OF BEGINNING
PARCEL "A"
POINT
PARCE
2703
S.00°22'35"E
APPROXIMATE
DRIVEWAY
Drive

Columbia County Property Appraiser

DB Last Updated: 4/6/2006

2006 Proposed Values

Parcel: 15-2S-16-01618-001

Tax Record | Property Card | Interactive GIS Map | Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	SCHREIBER BRIAN P &
Site Address	
Mailing Address	KATHERINE L 543 SW BROOKWOOD DRIVE LAKE CITY, FL 32024
Brief Legal	COMM AT NE COR OF NW1/4 OF NE 1/4 OF SEC, RUN S 2159.31 FT TO POB, W 471.83 FT, S 464 FT

Use Desc. (code)	NO AG ACRE (009900)
Neighborhood	15216.00
Tax District	3
UD Codes	MKTA03
Market Area	03
Total Land Area	5.020 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$24,407.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$24,407.00

Just Value	$24,407.00
Class Value	$0.00
Assessed Value	$24,407.00
Exempt Value	$0.00
Total Taxable Value	$24,407.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
8/9/2005	1060/1889	WD	V	U	08	$15,100.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
009900	AC NON-AG (MKT)	5.020 AC	1.00/1.00/1.00/1.00	$4,862.00	$24,407.00

Columbia County Property Appraiser

DB Last Updated: 4/6/2006

1 of 1

Disclaimer

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

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

June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

Thank you,

Donald D. Hall
DDH/jk

FORM 600A-2004 EnergyGauge® 4.1

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	604053ZecherBryanSchreiderBrian&KathyResidence	Builder:	
Address:	246 CR	Permitting Office:	
City, State:	, FL	Permit Number:	
Owner:	Schreider Brian & Kathy Residence	Jurisdiction Number:	
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 56.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	5	b. N/A	
5. Is this a worst case?	No		
6. Conditioned floor area (ft²)	2663 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) 442.5 ft²	a. Electric Heat Pump	Cap: 56.0 kBtu/hr
b. SHGC:			HSPF: 7.90
(or Clear or Tint DEFAULT) 7b.	(Clear) 442.5 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 233.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 40.0 gallons
a. Frame, Wood, Exterior	R=13.0, 2705.5 ft²		EF: 0.93
b. N/A		b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	
a. Under Attic	R=30.0, 2463.0 ft²	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 250.0 ft		
b. N/A			

Glass/Floor Area: 0.17	Total as-built points: 40814 Total base points: 42098	PASS

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

PREPARED BY: _____

DATE: 4-17-06

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

OWNER/AGENT: _____

DATE: 4/18/06

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: **246 CR, , FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2663.0	20.04	9606.0	Double, Clear	N	1.5	6.0	15.0	19.20	0.94	270.3	
				Double, Clear	N	11.7	6.0	15.0	19.20	0.63	180.1	
				Double, Clear	N	6.0	6.5	32.0	19.20	0.72	444.2	
				Double, Clear	N	6.0	6.5	54.0	19.20	0.72	749.6	
				Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7	
				Double, Clear	E	1.5	3.5	9.0	42.06	0.78	293.6	
				Double, Clear	S	6.0	5.5	60.0	35.87	0.51	1092.3	
				Double, Clear	S	1.5	5.0	20.0	35.87	0.81	578.8	
				Double, Clear	W	1.5	5.5	30.0	38.52	0.90	1036.6	
				Double, Clear	N	1.5	5.5	50.0	19.20	0.93	891.1	
				Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7	
				Double, Clear	S	1.5	0.0	60.0	35.87	0.43	929.5	
				Double, Clear	S	1.5	5.5	37.5	35.87	0.83	1119.3	
				As-Built Total:				**442.5**			**8654.8**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	2705.5	1.50	4058.3
Exterior	2705.5	1.70	4599.4					
Base Total:	**2705.5**		**4599.4**	**As-Built Total:**		**2705.5**		**4058.3**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	0.0	0.00	0.0	Exterior Insulated	80.0	4.10	328.0
Exterior	80.0	4.10	328.0				
Base Total:	**80.0**		**328.0**	**As-Built Total:**	**80.0**		**328.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	1953.0	1.73	3378.7	Under Attic	30.0	2463.0	1.73 X 1.00	4261.0
Base Total:	**1953.0**		**3378.7**	**As-Built Total:**		**2463.0**		**4261.0**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	233.0(p)	-37.0	-8621.0	Slab-On-Grade Edge Insulation	0.0	233.0(p	-41.20	-9599.6
Raised	0.0	0.00	0.0					
Base Total:			**-8621.0**	**As-Built Total:**		**233.0**		**-9599.6**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **246 CR, , FL,**	PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points				Area X	SPM	=	Points
	2663.0	10.21	27189.2				2663.0	10.21		27189.2
Summer Base Points: 36480.2				**Summer As-Built Points:**						**34891.7**
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
				(sys 1: Central Unit 56000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)						
				34892		1.00	(1.09 x 1.147 x 1.00)	0.263	1.000	11452.6
36480.2		**0.4266**	**15562.5**	**34891.7**		**1.00**	**1.250**	**0.263**	**1.000**	**11452.6**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **246 CR, , FL,** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	2663.0	12.74	6106.8	Double, Clear	N	1.5	6.0	15.0	24.58	1.00	369.5
				Double, Clear	N	11.7	6.0	15.0	24.58	1.02	377.8
				Double, Clear	N	6.0	6.5	32.0	24.58	1.02	800.1
				Double, Clear	N	6.0	6.5	54.0	24.58	1.02	1350.2
				Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5
				Double, Clear	E	1.5	3.5	9.0	18.79	1.09	185.0
				Double, Clear	S	6.0	5.5	60.0	13.30	2.88	2297.5
				Double, Clear	S	1.5	5.0	20.0	13.30	1.20	318.4
				Double, Clear	W	1.5	5.5	30.0	20.73	1.03	639.3
				Double, Clear	N	1.5	5.5	50.0	24.58	1.00	1232.5
				Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5
				Double, Clear	S	1.5	0.0	60.0	13.30	3.66	2920.1
				Double, Clear	S	1.5	5.5	37.5	13.30	1.15	572.0
				As-Built Total:				**442.5**			**12541.6**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	2705.5	3.40	9198.7
Exterior	2705.5	3.70	10010.4					
Base Total:	**2705.5**		**10010.4**	**As-Built Total:**		**2705.5**		**9198.7**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	Exterior Insulated	80.0	8.40	672.0
Exterior	80.0	8.40	672.0				
Base Total:	**80.0**		**672.0**	**As-Built Total:**	**80.0**		**672.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	1953.0	2.05	4003.6	Under Attic	30.0	2463.0	2.05 X 1.00	5049.1
Base Total:	**1953.0**		**4003.6**	**As-Built Total:**		**2463.0**		**5049.1**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	233.0(p)	8.9	2073.7	Slab-On-Grade Edge Insulation	0.0	233.0(p	18.80	4380.4
Raised	0.0	0.00	0.0					
Base Total:			**2073.7**	**As-Built Total:**		**233.0**		**4380.4**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **246 CR, , FL,** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points			
	2663.0	-0.59	-1571.2		2663.0	-0.59	-1571.2			
Winter Base Points:			**21295.3**	**Winter As-Built Points:**						**30270.7**
Total Winter Points	X System Multiplier	= Heating Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
				(sys 1: Electric Heat Pump 56000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Gar(AH),R6.0						
				30270.7	1.000	(1.069 x 1.169 x 1.00)	0.432	1.000	16328.4	
21295.3	**0.6274**	**13360.7**		**30270.7**	**1.00**	**1.250**	**0.432**	**1.000**	**16328.4**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **246 CR, , FL,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
5		2635.00	13175.0	40.0	0.93	5	1.00	2606.67	1.00	13033.3	
				As-Built Total:						**13033.3**	

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points		Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	
15562	**13361**	**13175**	**42098**		**11453**	**16328**	**13033**	**40814**	

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **246 CR, , FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.5

The higher the score, the more efficient the home.

Schreider Brian & Kathy Residence, 246 CR, , FL,

1.	New construction or existing	New	12.	Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 56.0 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 13.00
4.	Number of Bedrooms	5		b. N/A	
5.	Is this a worst case?	No			
6.	Conditioned floor area (ft²)	2663 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) 442.5 ft²		a. Electric Heat Pump	Cap: 56.0 kBtu/hr
	b. SHGC:				HSPF: 7.90
	(or Clear or Tint DEFAULT) 7b.	(Clear) 442.5 ft²		b. N/A	
8.	Floor types				
	a. Slab-On-Grade Edge Insulation	R=0.0, 233.0(p) ft		c. N/A	
	b. N/A				
	c. N/A		14.	Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 40.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 2705.5 ft²			EF: 0.93
	b. N/A			b. N/A	
	c. N/A				
	d. N/A			c. Conservation credits	
	e. N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 2463.0 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: Garage	Sup. R=6.0, 250.0 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: 4/18/06

Address of New Home: 4267 NW Lasso Blvd City/FL Zip: White Springs, FL 32096

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.

Prepared by and Return To:
Brannon, Brown, Haley & Bullock, P.A.
116 NW Columbia Avenue
Lake City, Florida 32056

24413

NOTICE OF COMMENCEMENT

To whom it may concern:

The undersigned hereby informs all concerned that improvements will be made to certain real property, and in accordance with section 713.13 of the Florida Statutes, the following information is stated in this Notice of Commencement.

LEGAL DESCRIPTION OF PROPERTY: (INCLUDE STREET ADDRESS, IF AVAILABLE)

TOWNSHIP 2 SOUTH, RANGE 16 EAST

SECTION 15: A part of W½ of E½ of said Section, being more particularly described as follows:

Commence at the NE corner of the NW¼ of NE¼ of said Section 15 and run S 00°22'35" E, along the East line of said W½ of E½, 2159.31 feet to the Point of Beginning; thence S 89°05'39"W, 471.83 feet; thence S 00°22'35"E, parallel to said East line, 464.00 feet to a point on the North right of way of Country Road #246; thence N 89°05'39" E, along said right of way, 471.83 feet to the East line of said W½ of E½; thence N 00°22'35" W, 464.00 feet to the Point of Beginning.

GENERAL DESCRIPTION OF IMPROVEMENTS:

Single Family Dwelling

OWNER'S NAME AND ADDRESSS:

Brian P. Schreiber and Katherine L. Schreiber, husband and wife

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By *Stacey Teague* Deputy Clerk
Date *4-13-2006*

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

OWNER'S INTEREST IN SITE OF THE IMPROVEMENT: (FEE SIMPLE IF NOT STATED OTHERWISE) FEE SIMPLE

FEE SIMPLE TITLE HOLDER: (IF OTHER THAN THE OWNER)

CONTRACTOR'S NAME AND ADDRESS:

Inst:2006009083 Date:04/13/2006 Time:14:42
S.T. DC,P.DeWitt Cason,Columbia County B:1080 P:1437

Bryan Zecher Construction, Inc.
P. O. Box 815 - 465 NW Orange St.
Lake City, Florida 32056

SURETY NAME AND ADDRESS AND AMOUNT OF BOND: (IF ANY)

N/A

ANY PERSON MAKING A LOAN FOR THE CONSTRUCTION OF THE IMPROVEMENTS NAME AND ADDRESS:
First Federal Savings Bank of Florida
P. O. Box 2029, Lake City, Florida 32056
Phone: 386-755-0600

PERSON WITHIN THE STATE OF FLORIDA DESIGNATED BY OWNER UPON WHOM NOTICES OR OTHER DOCUMENTS MAY BE SERVED NAME AND ADDRESS:
Paula Hacker
First Federal Savings Bank of Florida
P. O. Box 2029, Lake City, Florida 32056
Phone: 386-755-0600

IN ADDITION TO HIMSELF, OWNER DESIGNATES THE FOLLOWING PERSON TO RECEIVE A COPY OF THE LIENOR'S NOTICE AS PROVIDED IN SECTION 713.13 (1) (H), FLORIDA STATUTES, NAME AND ADDRESS: (AT OWNER'S OPTION)
William J. Haley, Esquire
P. O. Box 1029, Lake City, Florida 32056
Phone: 386-752-3213

[signature]
Brian P. Schreiber

Katherine L. Schreiber
Katherine L. Schreiber

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to and subscribed before me, this 12th day of April, 2006 personally appeared who are personally known to me or who have produced the following form of identification.

Debbie G. Moore
Notary Public
Debbie G. Moore
Printed Notary Name

My Commission Expires:

NOTARY PUBLIC STATE OF FLORIDA
Debbie G. Moore
Commission # DD400475
Expires March 16, 2009
Bonded Troy Fain - Insurance, Inc. 800-385-7019

File No.: SCHREIBE

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

Reference to a building permit application Number: 0604-48
Bryan Zecher Owner Brian Schreiber 4267 NW Lassie Black St.

On the date of April 19, 2006 application 0604-48 and plans for placement of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0604-48 when making reference to this application.

1. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system.
2. On the dwelling elevation drawing show the height of the chimney flue above the roof peak and the distance from the nearest roof line intersection.

3. Please verify that the egress windows on the second floor will comply with the FBC-2004 Section R310.1.1 Minimum opening area: All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m2).

4. Please indicate the type fireplace which will be install within the structure(gas vented), (gas non-vented) or wood burning with hearth height, if additional foundation support is required for the fireplace installation show a detail of the foundation on the foundation plan.

5. Please show compliance with the FRC-2004 sections R311.5 Stairways.R311.5.1 Width. Stairways shall not be less than 36 inches (914 mm) in clear width at all points above the permitted handrail height and below the required headroom height. Handrails shall not project more than 4.5 inches (114 mm) on either side of the stairway and the minimum clear width of the stairway at and below the handrail height, including treads and landings, shall not be less than 31.5 inches (787 mm) where a handrail is installed on one side and 27 inches (698 mm) where handrails are provided on both sides. R311.5.2 Headroom: The minimum headroom in all parts of the stairway shall not be less than 6 feet 8 inches (2036 mm) measured vertically from the sloped plane adjoining the tread nosing or from the floor surface of the landing or platform. R311.5.3 Stair treads and risers.

R311.5.3.1 Riser height: The maximum riser height shall be 7¾ inches (196 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R311.5.3.2 Tread depth: The minimum tread depth, exclusive of nosing, shall be not less than 9 inches (229 mm). Treads and risers of stairs shall be permitted to be so proportioned that the sum of two risers and a tread, exclusive of projection of nosing, is not less than 24 inches (610 mm) nor more than 25 inches (635 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at a point 12 inches (305) mm from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the greatest winder tread depth at the 12 inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm).

6. Show the header/beam design which will be used to support the roof system over the carport and covered back porch.
7. Please submit the second floor system (T114 truss).

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001
ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:**
		a) Dimensions of lot
		b) Dimensions of building set backs
		c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
		d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required**
		a) Plans or specifications must state compliance with FBC Section 1606
		b) The following information must be shown as per section 1606.1.7 FBC
		a. Basic wind speed (MPH)
		b. Wind importance factor (I) and building category
		c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
		d. The applicable internal pressure coefficient
		e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional
☑	☑	**Elevations including:**
☐	☑	a) All sides
☑	☑	b) Roof pitch
☑	☑	c) Overhang dimensions and detail with attic ventilation
☐	☑	d) Location, size and height above roof of chimneys ? ☒ 2
☑	☑	e) Location and size of skylights
☐	☑	f) Building height
☑	☑	e) Number of stories 2

Floor Plan including:

a) Rooms labeled and dimensioned

b) Shear walls

c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)

d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth

e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails

f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing

b) All posts and/or column footing including size and reinforcing

c) Any special support required by soil analysis such as piling

d) Location of any vertical steel

Roof System:

a) Truss package including:

1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

b) Conventional Framing Layout including:

1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

a) Masonry wall

1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☑ ☐ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

N/A ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☑ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☑ ☐ b) Floor joist size and spacing

☑ ☐ c) Girder size and spacing

☑ ☐ d) Attachment of joist to girder

☑ ☐ e) Wind load requirements where applicable

☑ ☐ **Plumbing Fixture layout**

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

☑ ☐ d) Service panel and sub-panel size and location(s)

☑ ☐ e) Meter location with type of service entrance (overhead or underground)

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathroom

☑ ☐ **Energy Calculations** (dimensions shall match plans)

☑ ☐ **Gas System** Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

Notice Of Commencement

Private Potable Water

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

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

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

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
   A development permit will also be required. Development permit cost is $10.00

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit ($5.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ($25.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 758-8787

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

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up	N/A		
5. Automatic	N/A		
6. Other	—		
B. WINDOWS			
1. Single hung	Capital / Jordan		FL 675 / FL 1378 -
2. Horizontal Slider	" "		FL 685 / FL 1384 -
3. Casement	—		
4. Double Hung	—		
5. Fixed	C / J		FL 681 / FL 1383 -
6. Awning	—		
7. Pass -through	—		
8. Projected	—		
9. Mullion	—		
10. Wind Breaker	—		
11 Dual Action	—		
12. Other			
C. PANEL WALL			
1. Siding	Hardy Plank		FL 889-R1
2. Soffits	Ashley Aluminum		FL 4968
3. EIFS	—		
4. Storefronts	—		
5. Curtain walls	—		
6. Wall louver	—		
7. Glass block	—		
8. Membrane	—		
9. Greenhouse	—		
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Elk / Certainteed		FL 728-R1 / FL 250 R
2. Underlayments	Felt		FL 1814
3. Roofing Fasteners	Nails		ROA 3378
4. Non-structural Metal Rf	—		
5. Built-Up Roofing	—		
6. Modified Bitumen	—		
7. Single Ply Roofing Sys	—		
8. Roofing Tiles	—		
9. Roofing Insulation	—		
10. Waterproofing	—		
11. Wood shingles /shakes	—		
12. Roofing Slate	—		

Residential System Sizing Calculation

Summary

Schreider Brian & Kathy Residence	Project Title:	Class 3 Rating
246 CR	604053ZecherBryanSchreiderBrian&KathyResidenc	Registration No. 0
, FL		Climate: North

4/17/2006

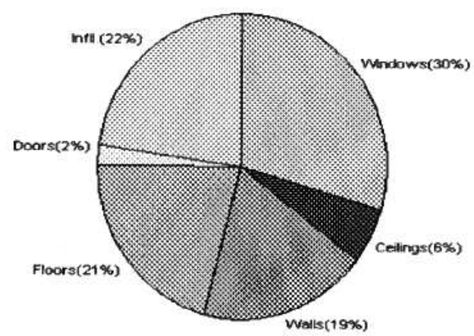
Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)

Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**47919**	**Btuh**	**Total cooling load calculation**	**36745**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	116.9	56000	Sensible (SHR = 0.75)	141.0	42000
Heat Pump + Auxiliary(0.0kW)	116.9	56000	Latent	201.1	14000
			Total (Electric Heat Pump)	152.4	56000

WINTER CALCULATIONS

Winter Heating Load (for 2663 sqft)

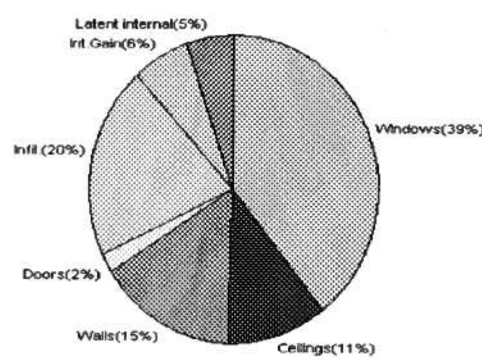
Load component			Load	
Window total	443	sqft	14244	Btuh
Wall total	2706	sqft	8885	Btuh
Door total	80	sqft	1036	Btuh
Ceiling total	2463	sqft	2902	Btuh
Floor total	233	sqft	10173	Btuh
Infiltration	264	cfm	10679	Btuh
Duct loss			0	Btuh
Subtotal			**47919**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**47919**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2663 sqft)

Load component			Load	
Window total	443	sqft	14448	Btuh
Wall total	2706	sqft	5643	Btuh
Door total	80	sqft	784	Btuh
Ceiling total	2463	sqft	4079	Btuh
Floor total			0	Btuh
Infiltration	136	cfm	2528	Btuh
Internal gain			2300	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**29782**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			4963	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			2000	Btuh
Total latent gain			**6963**	**Btuh**
TOTAL HEAT GAIN			**36745**	**Btuh**



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: [signature]
DATE: 4-17-06

EnergyGauge® FLR2PB v4.1

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

Class 3 Rating
Registration No. 0
Climate: North

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

4/17/2006

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	N	15.0	32.2	483 Btuh
2	2, Clear, Metal, 0.87	N	15.0	32.2	483 Btuh
3	2, Clear, Metal, 0.87	N	32.0	32.2	1030 Btuh
4	2, Clear, Metal, 0.87	N	54.0	32.2	1738 Btuh
5	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
6	2, Clear, Metal, 0.87	E	9.0	32.2	290 Btuh
7	2, Clear, Metal, 0.87	S	60.0	32.2	1931 Btuh
8	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
9	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	N	50.0	32.2	1609 Btuh
11	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
12	2, Clear, Metal, 0.87	S	60.0	32.2	1931 Btuh
13	2, Clear, Metal, 0.87	S	37.5	32.2	1207 Btuh
	Window Total		443(sqft)		14244 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2706	3.3	8885 Btuh
	Wall Total		2706		8885 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		80	12.9	1036 Btuh
	Door Total		80		1036Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2463	1.2	2902 Btuh
	Ceiling Total		2463		2902Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	233.0 ft(p)	43.7	10173 Btuh
	Floor Total		233		10173 Btuh
			Zone Envelope Subtotal:		37240 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	23967	263.6	10679 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**47919 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	47919 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	47919 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

Class 3 Rating
Registration No. 0
Climate: North

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

4/17/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	N	15.0	32.2	483 Btuh
2	2, Clear, Metal, 0.87	N	15.0	32.2	483 Btuh
3	2, Clear, Metal, 0.87	N	32.0	32.2	1030 Btuh
4	2, Clear, Metal, 0.87	N	54.0	32.2	1738 Btuh
5	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
6	2, Clear, Metal, 0.87	E	9.0	32.2	290 Btuh
7	2, Clear, Metal, 0.87	S	60.0	32.2	1931 Btuh
8	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
9	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	N	50.0	32.2	1609 Btuh
11	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
12	2, Clear, Metal, 0.87	S	60.0	32.2	1931 Btuh
13	2, Clear, Metal, 0.87	S	37.5	32.2	1207 Btuh
	Window Total		443(sqft)		14244 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2706	3.3	8885 Btuh
	Wall Total		2706		8885 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		80	12.9	1036 Btuh
	Door Total		80		1036Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2463	1.2	2902 Btuh
	Ceiling Total		2463		2902Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	233.0 ft(p)	43.7	10173 Btuh
	Floor Total		233		10173 Btuh
			Zone Envelope Subtotal:		37240 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	23967	263.6	10679 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**47919 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	47919 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	47919 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 4/17/2006

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	N	1.5ft.	6ft.	15.0	0.0	15.0	29	29	434 Btuh
2	2, Clear, 0.87, None,N,N	N	11.6	6ft.	15.0	0.0	15.0	29	29	434 Btuh
3	2, Clear, 0.87, None,N,N	N	6ft.	6.5ft.	32.0	0.0	32.0	29	29	927 Btuh
4	2, Clear, 0.87, None,N,N	N	6ft.	6.5ft.	54.0	0.0	54.0	29	29	1564 Btuh
5	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	30.0	0.0	30.0	29	29	869 Btuh
6	2, Clear, 0.87, None,N,N	E	1.5ft.	3.5ft.	9.0	2.2	6.8	29	80	603 Btuh
7	2, Clear, 0.87, None,N,N	S	6ft.	5.5ft.	60.0	60.0	0.0	29	34	1738 Btuh
8	2, Clear, 0.87, None,N,N	S	1.5ft.	5ft.	20.0	20.0	0.0	29	34	579 Btuh
9	2, Clear, 0.87, None,N,N	W	1.5ft.	5.5ft.	30.0	4.5	25.5	29	80	2160 Btuh
10	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	50.0	0.0	50.0	29	29	1448 Btuh
11	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	30.0	0.0	30.0	29	29	869 Btuh
12	2, Clear, 0.87, None,N,N	S	1.5ft.	0ft.	60.0	60.0	0.0	29	34	1738 Btuh
13	2, Clear, 0.87, None,N,N	S	1.5ft.	5.5ft.	37.5	37.5	0.0	29	34	1086 Btuh
	Window Total				443 (sqft)					14448 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2705.5	2.1	5643 Btuh
	Wall Total		2706 (sqft)		5643 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Exterior		80.0	9.8	784 Btuh
	Door Total		80 (sqft)		784 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2463.0	1.7	4079 Btuh
	Ceiling Total		2463 (sqft)		4079 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	233 (ft(p))	0.0	0 Btuh
	Floor Total		233.0 (sqft)		0 Btuh
			Zone Envelope Subtotal:		24954 Btuh

Infiltration	Type	ACH	Volume(cuft)		CFM=	Load
	SensibleNatural	0.34	23967		135.8	2528 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance	Load
		10	X 230	+	0	2300 Btuh
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)				DGM = 0.00	0.0 Btuh
				Sensible Zone Load		**29782 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**29782 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**29782 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**29782 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	4963 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (10 people @ 200 Btuh per person)	2000 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**6963 Btuh**
	TOTAL GAIN	**36745 Btuh**

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 4/17/2006

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	N	1.5ft.	6ft.	15.0	0.0	15.0	29	29	434 Btuh
2	2, Clear, 0.87, None,N,N	N	11.6	6ft.	15.0	0.0	15.0	29	29	434 Btuh
3	2, Clear, 0.87, None,N,N	N	6ft.	6.5ft.	32.0	0.0	32.0	29	29	927 Btuh
4	2, Clear, 0.87, None,N,N	N	6ft.	6.5ft.	54.0	0.0	54.0	29	29	1564 Btuh
5	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	30.0	0.0	30.0	29	29	869 Btuh
6	2, Clear, 0.87, None,N,N	E	1.5ft.	3.5ft.	9.0	2.2	6.8	29	80	603 Btuh
7	2, Clear, 0.87, None,N,N	S	6ft.	5.5ft.	60.0	60.0	0.0	29	34	1738 Btuh
8	2, Clear, 0.87, None,N,N	S	1.5ft.	5ft.	20.0	20.0	0.0	29	34	579 Btuh
9	2, Clear, 0.87, None,N,N	W	1.5ft.	5.5ft.	30.0	4.5	25.5	29	80	2160 Btuh
10	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	50.0	0.0	50.0	29	29	1448 Btuh
11	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	30.0	0.0	30.0	29	29	869 Btuh
12	2, Clear, 0.87, None,N,N	S	1.5ft.	0ft.	60.0	60.0	0.0	29	34	1738 Btuh
13	2, Clear, 0.87, None,N,N	S	1.5ft.	5.5ft.	37.5	37.5	0.0	29	34	1086 Btuh
	Window Total				443 (sqft)					14448 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2705.5	2.1	5643 Btuh
	Wall Total		2706 (sqft)		5643 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Exterior		80.0	9.8	784 Btuh
	Door Total		80 (sqft)		784 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2463.0	1.7	4079 Btuh
	Ceiling Total		2463 (sqft)		4079 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	233 (ft(p))	0.0	0 Btuh
	Floor Total		233.0 (sqft)		0 Btuh
				Zone Envelope Subtotal:	24954 Btuh

Infiltration	Type	ACH		Volume(cuft)		CFM=	Load
	SensibleNatural	0.34		23967		135.8	2528 Btuh
Internal gain		Occupants		Btuh/occupant		Appliance	Load
		10	X	230	+	0	2300 Btuh
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)					DGM = 0.00	0.0 Btuh
						Sensible Zone Load	**29782 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**29782 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**29782 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
Whole House	**Total sensible gain**	**29782 Btuh**
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	4963 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (10 people @ 200 Btuh per person)	2000 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**6963 Btuh**
	TOTAL GAIN	**36745 Btuh**

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

For Florida residences only

Residential Window Diversity

MidSummer

Schreider Brian & Kathy Residence
246 CR
, FL

Project Title:
604053ZecherBryanSchreiderBrian&KathyResidenc

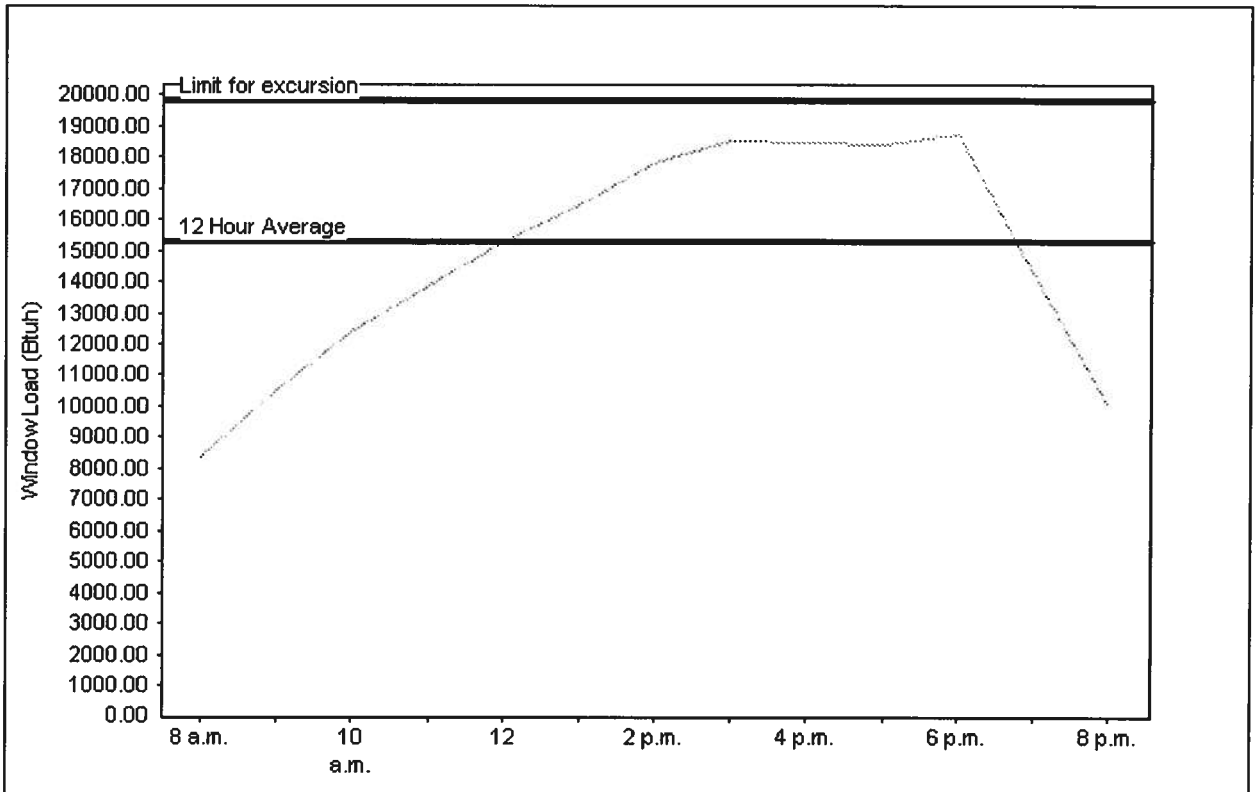
Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	15270 Btu
Summer setpoint	75 F	Peak window load for July	18737 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	19851 Btu
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: Ryan Lynch
DATE: 4-17-06

Notice of Treatment 12087

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 604 A Ave
City LC Phone 752-1703

Site Location: Subdivision N/A
Lot # _____ Block# _____ Permit # 24413
Address 4267 NW Lassie Black St

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	3159	679	5

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 _____.

7/26/06 Date | 1340 Time | F254 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 15-2S-16-01618-001 **Building permit No.** 000024413

Use Classification SFD,UTILITY **Fire:** 61.38

Permit Holder BRYAN ZECHER **Waste:** 184.25

Owner of Building BRYAN & KATHY SCHREIBER **Total:** 245.63

Location: 4267 NW LASSIE BLACK ST, LAKE CITY, FL

Date: 11/14/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Project Information for:	L157934		
Builder:	BRYAN ZECHER	Date:	4/13/2006
Lot:	N/A	Start Number:	**2728**
Subdivision:	4267 NW LASSIE BLACK ST.		
County or City:	COLUMBIA COUNTY		
Truss Page Count:	25		

Truss Design Load Information (UNO) Design Program: MiTek 5.2 / 6.2

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

Note: See individual truss drawings for special loading conditions

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

ZECHER, BRYAN C. CBC 054575
Address: PO BOX 815
LAKE CITY,FLORIDA 32056 Designer: **157**

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

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for veritcal loads only, unless noted otherwise.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ3	0413062728	4/13/2006				
2	EJ5	0413062729	4/13/2006				
3	EJ6	0413062730	4/13/2006				
4	EJ6A	0413062731	4/13/2006				
5	EJ6G	0413062732	4/13/2006				
6	HJ7	0413062733	4/13/2006				
7	PB01	0413062734	4/13/2006				
8	T01	0413062735	4/13/2006				
9	T01G	0413062736	4/13/2006				
10	T01G	0413062737	4/13/2006				
11	T02	0413062738	4/13/2006				
12	T03	0413062739	4/13/2006				
13	T03G	0413062740	4/13/2006				
14	T03G	0413062741	4/13/2006				
15	T04	0413062742	4/13/2006				
16	T05	0413062743	4/13/2006				
17	T06	0413062744	4/13/2006				
18	T06G	0413062745	4/13/2006				
19	T07	0413062746	4/13/2006				
20	T07G	0413062747	4/13/2006				
21	T08	0413062748	4/13/2006				
22	T09	0413062749	4/13/2006				
23	F01	0413062750	4/13/2006				
24	F02	0413062751	4/13/2006				
25	F03	0413062752	4/13/2006				

APR 13 2006

Dwg.#0413062727

Licensee Details

Licensee Information

Name:	**ZECHER, BRYAN CHRISTIAN (Primary Name)**
	BRYAN ZECHER CONSTRUCTION INC (DBA
Main Address:	**P O BOX 815** **LAKE CITY, Florida 32056**
Lic. Location:	**465 NW ORANGE ST** **LAKE CITY, FL 32055 United States** **Columbia**

License Information

License Type:	**Certified Building Contractor**
Rank:	**Cert Building**
License Number:	**CBC054575**
Status:	**Current, Active**
Licensure Date:	**12/05/1991**
Expires:	**08/31/2006**

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

View Related License Information

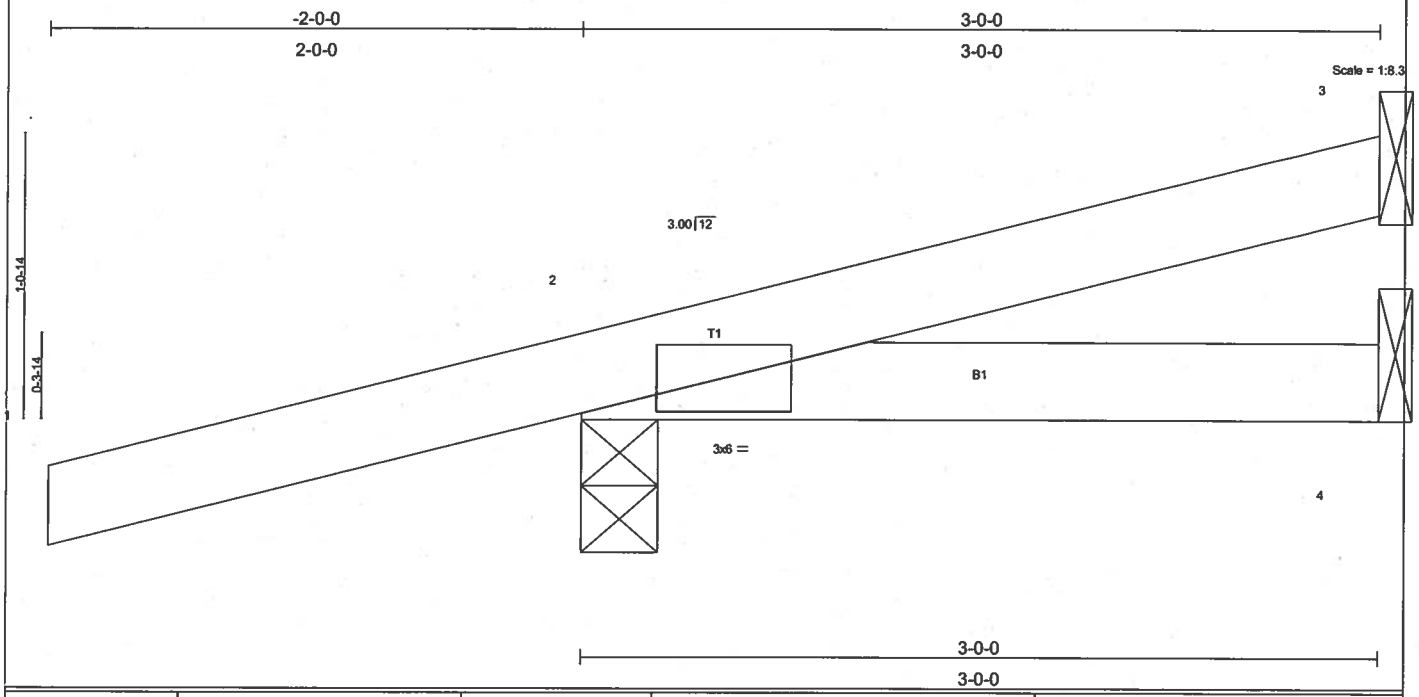
View License Complaint

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062728

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	CJ3	MONO TRUSS	8	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:28 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 12 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 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
Max Horz 2=66(load case 3)
Max Uplift3=-21(load case 6), 2=-244(load case 3), 4=-27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/25, 2-3=-32/4
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.10

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 3, 244 lb uplift at joint 2 and 27 lb uplift at joint 4.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062729

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	EJ5	MONO TRUSS	9	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:29 2006 Page 1

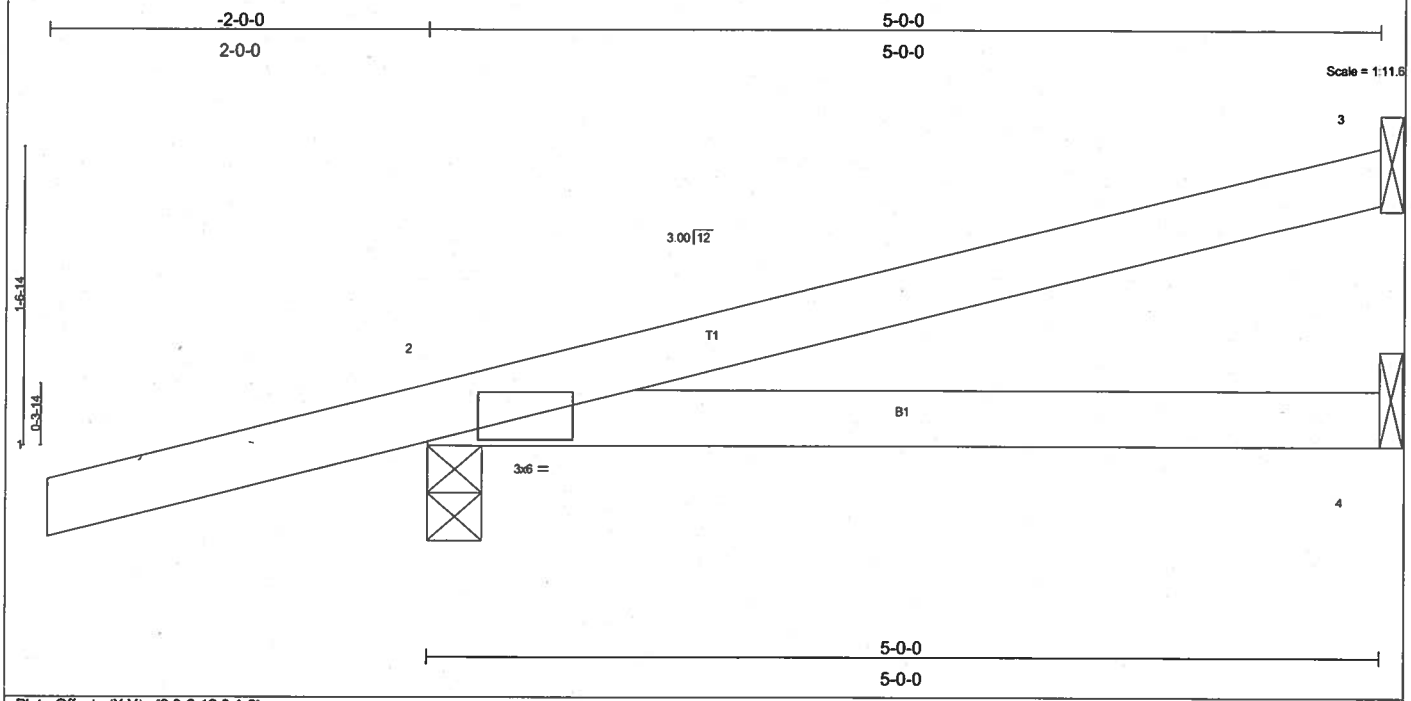


Plate Offsets (X,Y): [2:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	0.09	2-4	>663	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	0.07	2-4	>774	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 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 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=103/Mechanical, 2=343/0-3-8, 4=72/Mechanical
Max Horz 2=89(load case 3)
Max Uplift3=-69(load case 3), 2=-277(load case 3), 4=-46(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/25, 2-3=-41/20
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.11

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 69 lb uplift at joint 3, 277 lb uplift at joint 2 and 46 lb uplift at joint 4.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062730

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	EJ6	MONO TRUSS	26	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:42:55 2006 Page 1

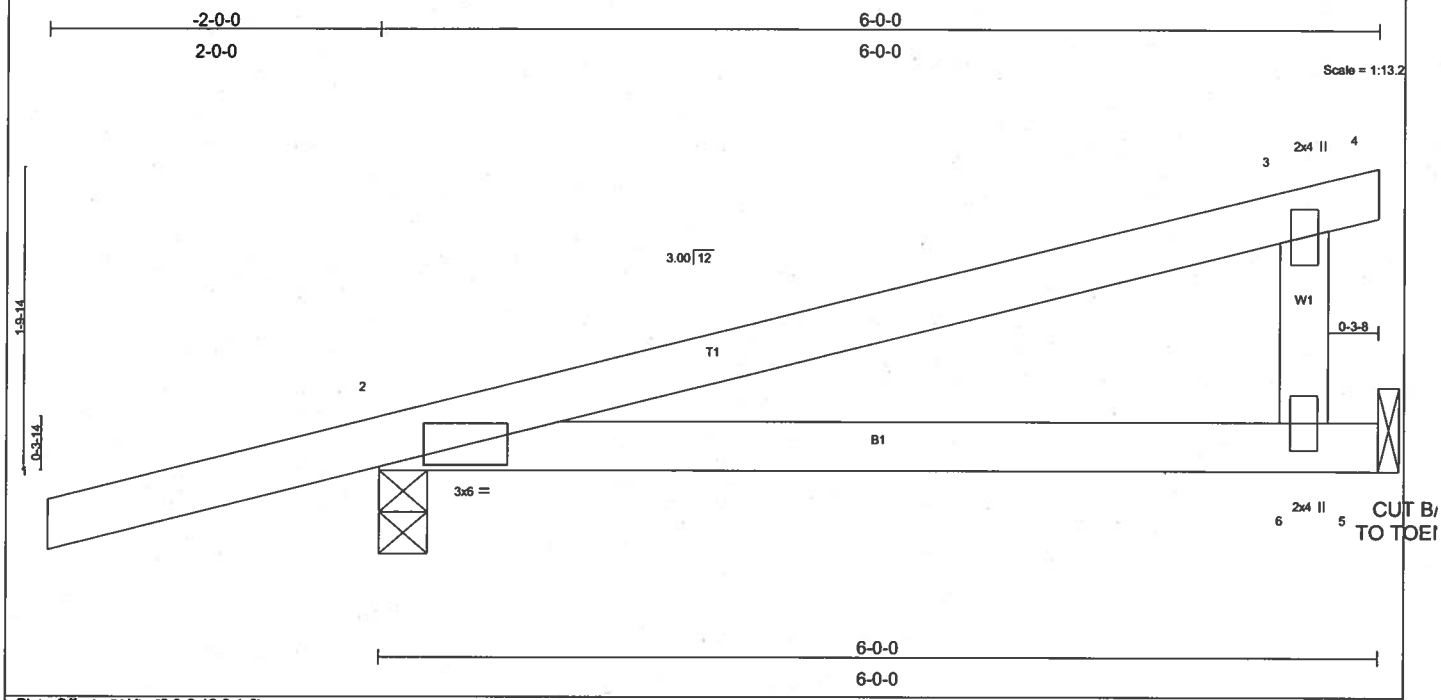


Plate Offsets (X,Y): [2:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	0.22	2-6	>322	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	0.18	2-6	>378	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 23 lb	

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

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

REACTIONS (lb/size) 2=381/0-3-8, 5=225/Mechanical
Max Horz 2=100(load case 3)
Max Uplift2=-299(load case 3), 5=-150(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/25, 2-3=-57/24, 3-4=-6/0
BOT CHORD 2-6=0/0, 5-6=0/0
WEBS 3-6=-148/177

JOINT STRESS INDEX
2 = 0.12, 3 = 0.10 and 6 = 0.10

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 299 lb uplift at joint 2 and 150 lb uplift at joint 5.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062731

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	EJ6A	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:43:17 2006 Page 1

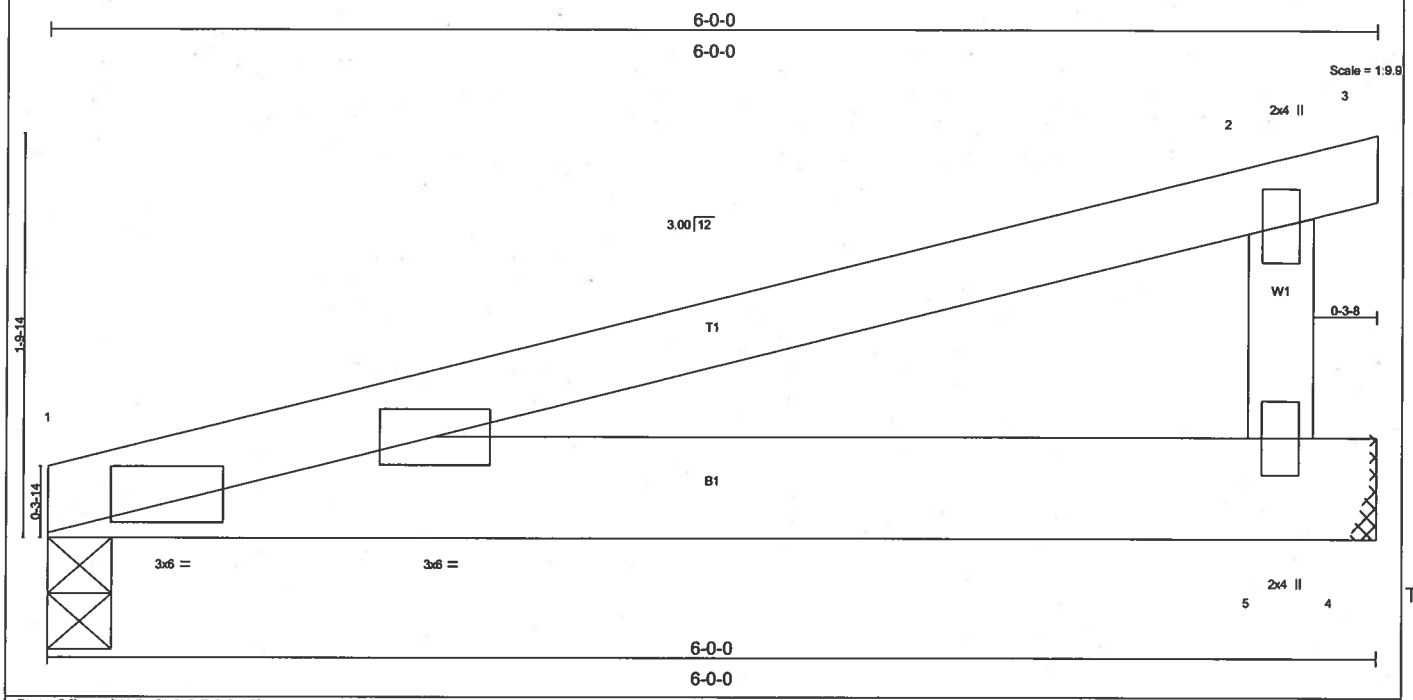


Plate Offsets (X,Y): [1:0-3-7,0-0-10]

LOADING (psf)		SPACING	4-6-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.93	Vert(LL)	0.05	1-5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.07	1-5	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.07	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 25 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD 2-0-0 oc purlins (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=547/0-3-8, 4=555/Mechanical
Max Horz 1=148(load case 2)
Max Uplift1=-352(load case 2), 4=-387(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-91/63, 2-3=-13/0
BOT CHORD 1-5=0/0, 4-5=0/0
WEBS 2-5=-384/281

JOINT STRESS INDEX
1 = 0.19, 1 = 0.00, 2 = 0.16 and 5 = 0.16

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 352 lb uplift at joint 1 and 387 lb uplift at joint 4.

LOAD CASE(S) Standard

C
TO

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062732

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	EJ6G	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:30 2006 Page 1

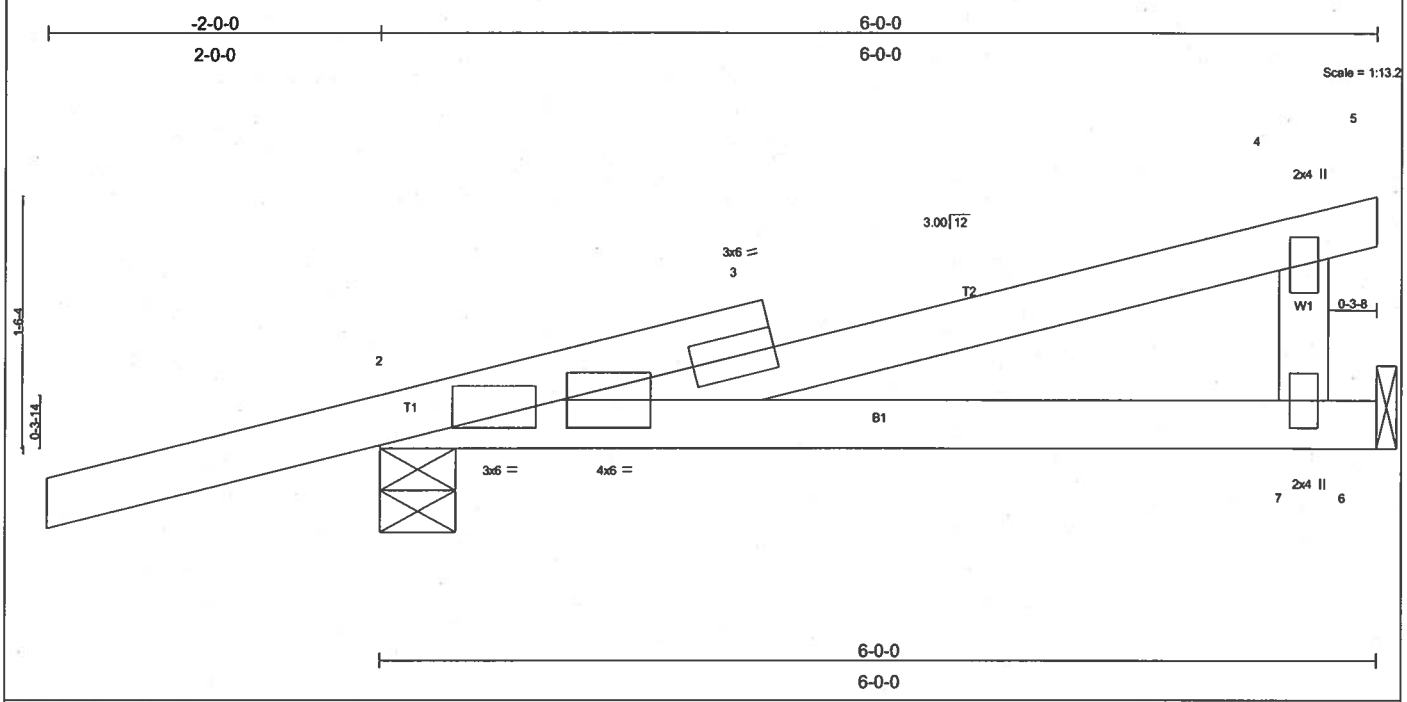


Plate Offsets (X,Y): [2:0-5-4,0-1-4], [2:1-1-8,0-1-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	0.24	2-7	>284	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	0.20	2-7	>335	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.10	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

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

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

REACTIONS (lb/size) 2=715/0-5-8, 6=369/Mechanical
Max Horz 2=86(load case 3)
Max Uplift2=-531(load case 3), 6=-243(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-35/53, 2-3=-53/0, 3-4=-76/47, 4-5=-12/8
BOT CHORD 2-7=0/0, 6-7=0/0
WEBS 4-7=-303/386

JOINT STRESS INDEX
2 = 0.56, 2 = 0.88, 3 = 0.00, 3 = 0.74, 4 = 0.22 and 7 = 0.22

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 531 lb uplift at joint 2 and 243 lb uplift at joint 6.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-114(F=-60), 2-6=-30

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062733

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	HJ7	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:31 2006 Page 1

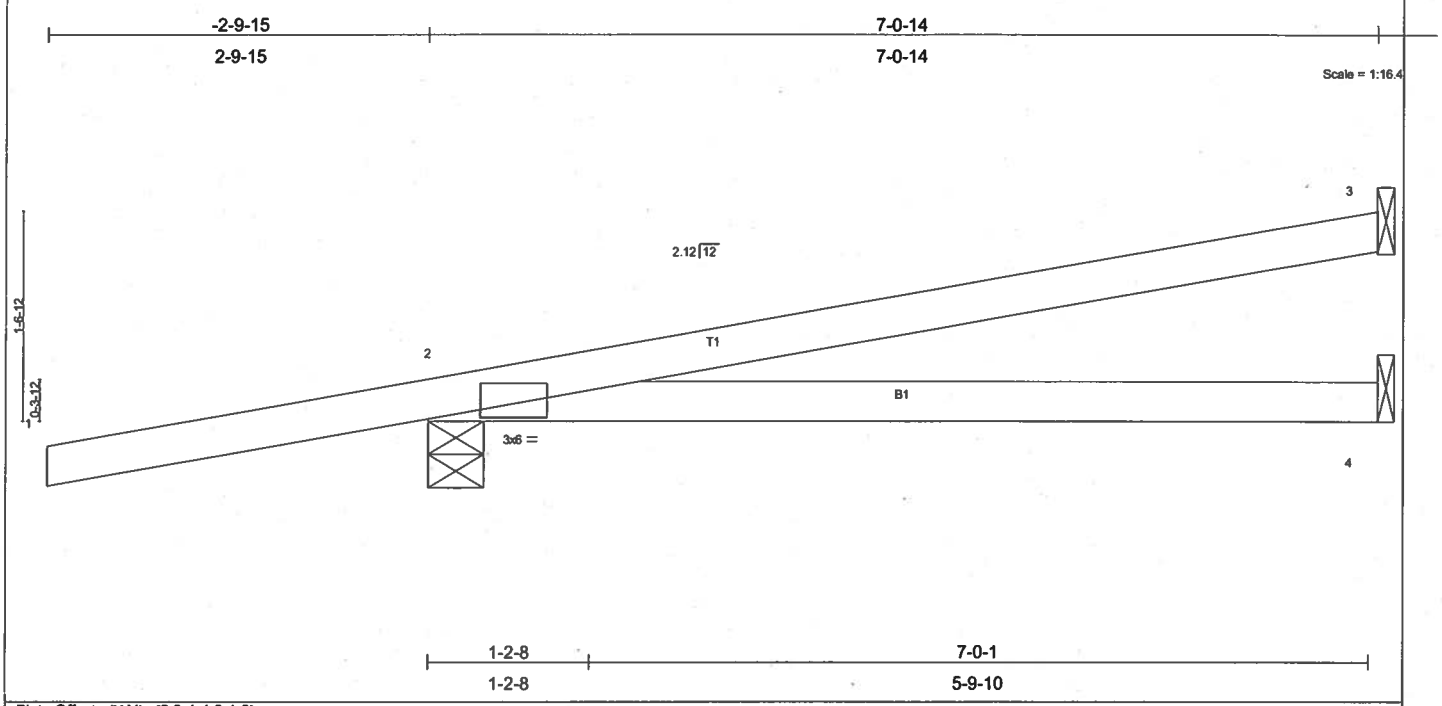

Plate Offsets (X,Y): [2:0-1-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	0.11	2-4	>756	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.13	2-4	>615	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	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 7-0-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=192/Mechanical, 2=375/0-4-15, 4=111/Mechanical
Max Horz 2=84(load case 2)
Max Uplift3=-136(load case 2), 2=-355(load case 2), 4=-55(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-34/24
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.44

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 136 lb uplift at joint 3, 355 lb uplift at joint 2 and 55 lb uplift at joint 4.
4) 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: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-3(F=26, B=26)-to-3=-95(F=-21, B=-21), 2=-0(F=15, B=15)-to-4=-53(F=-12, B=-12)

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062734

Job	Truss	Truss Type	3x6 =	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	PB01	PIGGYBACK		7	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:31 2006 Page 1

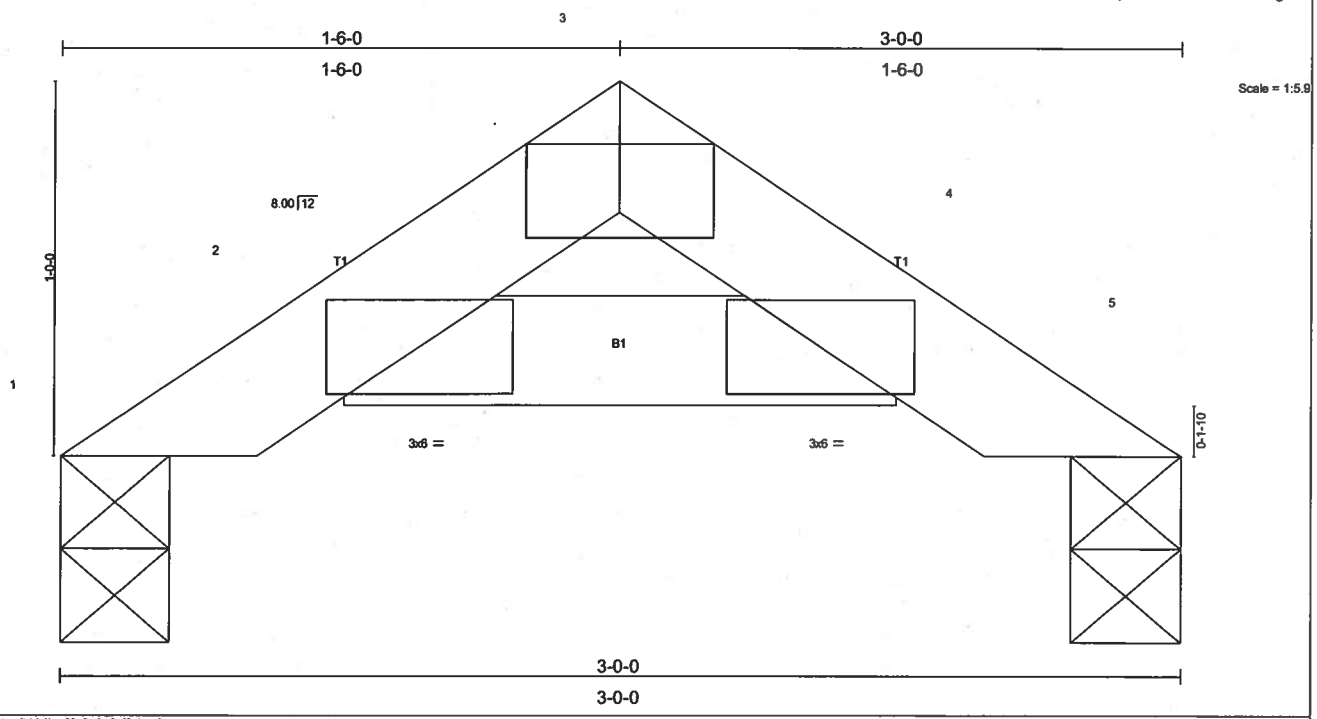

Plate Offsets (X,Y): [3:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 8 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 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=110/0-3-8, 5=110/0-3-8
Max Horz 1=34(load case 4)
Max Uplift1=-38(load case 5), 5=-38(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-54/34, 2-3=-144/66, 3-4=-144/66, 4-5=-54/33
BOT CHORD 2-4=-32/149

JOINT STRESS INDEX
2 = 0.14, 3 = 0.07 and 4 = 0.14

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 1 and 38 lb uplift at joint 5.
6) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062735

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T01	ATTIC	11	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:32 2006 Page 1

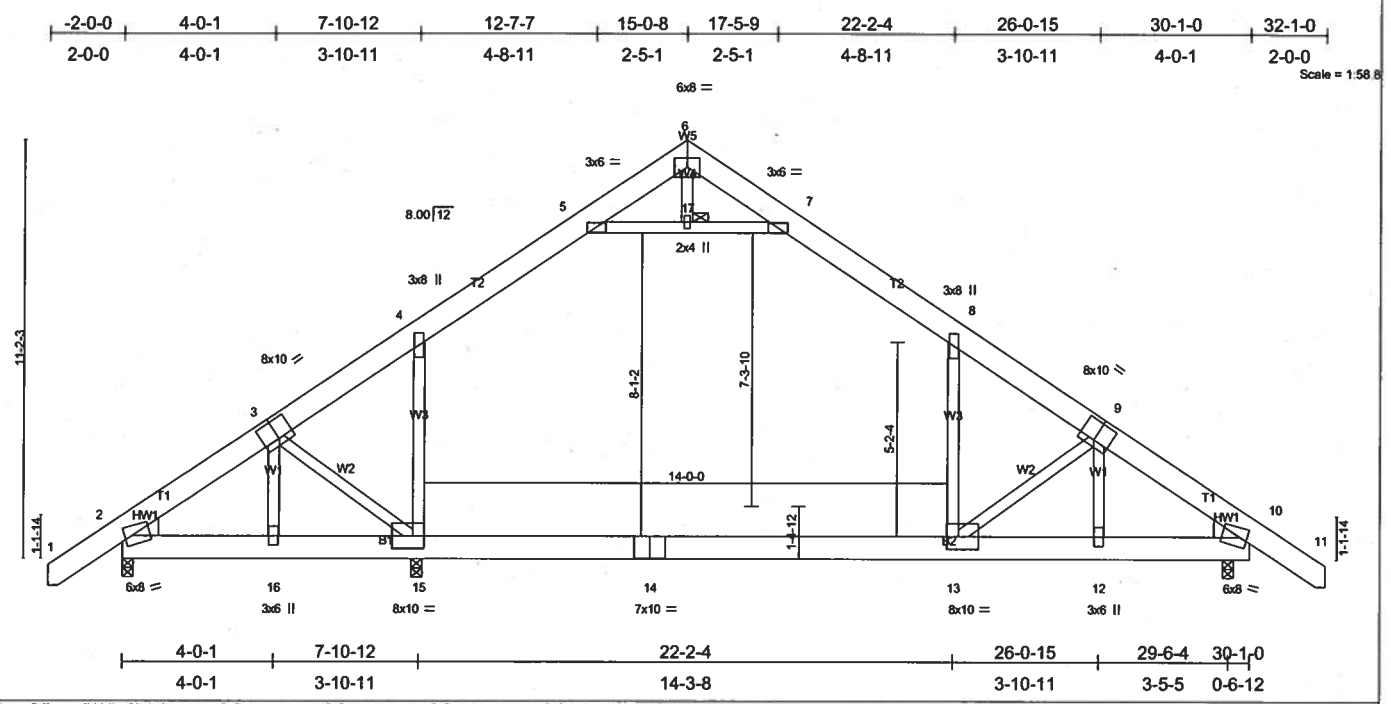

Plate Offsets (X,Y): [2:0-2-6,0-3-0], [3:0-5-0,0-6-0], [9:0-5-0,0-6-0], [10:0-2-6,0-3-0], [13:0-3-8,0-4-0], [15:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.97	Vert(LL)	-0.54	13-15	>488	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.83	Vert(TL)	-0.88	13-15	>301	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.49	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Wind(LL)	0.21	13-15	>999	240	Weight: 270 lb	

LUMBER
TOP CHORD 2 X 8 SYP No.1D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 6 SYP No.1D, Right: 2 X 6 SYP No.1D

BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 6-4-11 oc bracing.
JOINTS 1 Brace at Jt(s): 17

REACTIONS (lb/size) 2=1345/0-3-8, 15=979/0-3-8, 10=1815/0-3-8
Max Horz 2=-369(load case 3)
Max Uplift2=-301(load case 6), 15=-150(load case 4), 10=-521(load case 6)
Max Grav 2=1345(load case 1), 15=1126(load case 10), 10=1815(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/38, 2-3=-1510/386, 3-4=-2011/354, 4-5=-1573/429, 5-6=-40/512, 6-7=-134/701, 7-8=-1453/408, 8-9=-2268/394, 9-10=-2463/686, 10-11=0/38
BOT CHORD 2-16=-158/1167, 15-16=-158/1159, 14-15=-21/1507, 13-14=-21/1507, 12-13=-415/1940, 10-12=-412/1942
WEBS 5-17=-2226/571, 7-17=-2226/571, 4-15=-296/851, 8-13=-95/1265, 3-16=-890/12, 9-12=-301/0, 3-15=0/507, 9-13=-595/505, 6-17=-26/220

JOINT STRESS INDEX
2 = 0.80, 2 = 0.00, 3 = 0.27, 4 = 0.39, 5 = 0.74, 6 = 0.84, 7 = 0.74, 8 = 0.39, 9 = 0.27, 10 = 0.80, 10 = 0.00, 12 = 0.16, 13 = 0.27, 14 = 0.84, 15 = 0.27, 16 = 0.16 and 17 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed ; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-17, 7-17; Wall dead load (5.0psf) on member(s).4-15, 8-13
4) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-15
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 301 lb uplift at joint 2, 150 lb uplift at joint 15 and 521 lb uplift at joint 10.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062736

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T01G	ATTIC	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:33 2006 Page 1

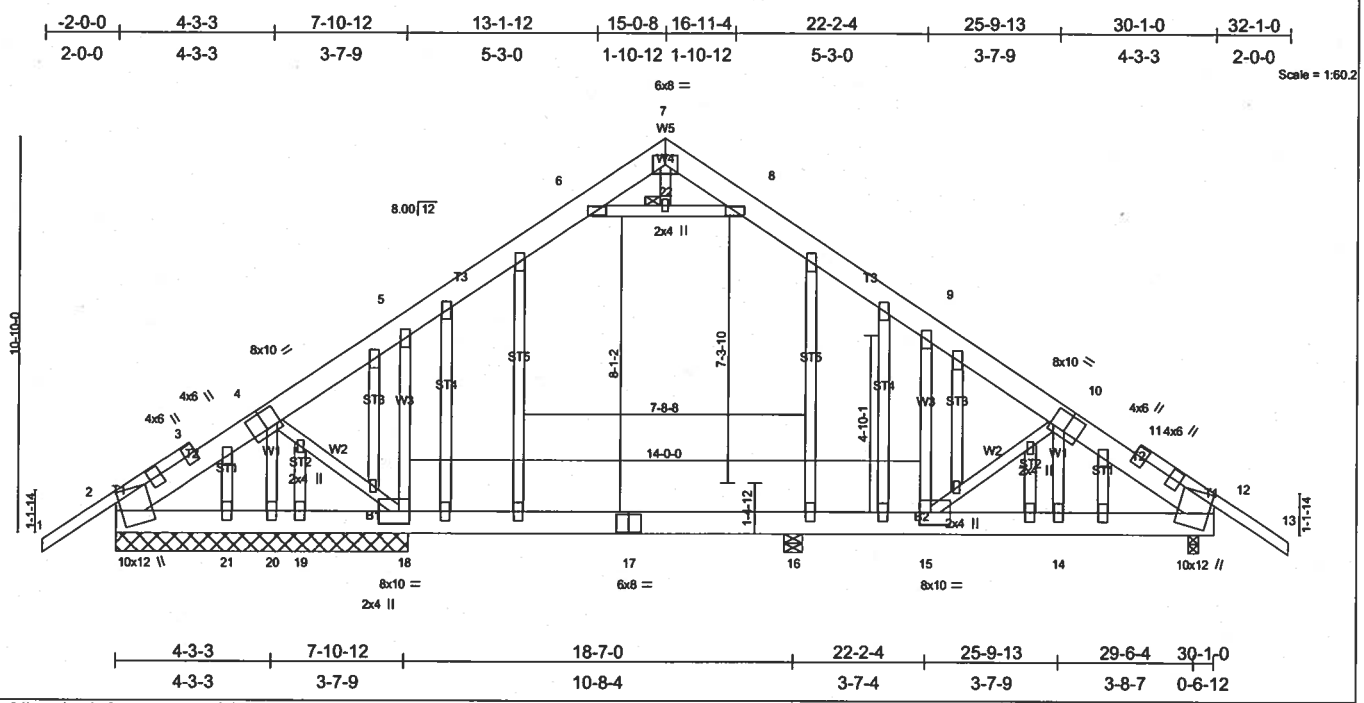

Plate Offsets (X,Y): [2:0-5-10,0-1-12], [4:0-5-0,0-6-0], [10:0-5-0,0-6-0], [12:0-3-10,0-2-12], [15:0-3-8,0-4-0], [18:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.08	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.16	14-15	>871	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Wind(LL)	0.17	14-15	>823	240	Weight: 320 lb	

LUMBER
TOP CHORD 2 X 8 SYP 2400F 2.0E *Except*
T2 2 X 8 SYP No.1D, T2 2 X 8 SYP No.1D, T1 2 X 4 SYP No.2, T1 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-8-2 oc bracing: 14-15.
JOINTS 1 Brace at Jt(s): 22

REACTIONS (lb/size) 2=1144/8-0-0, 18=1279/8-0-0, 20=1063/8-0-0, 12=1699/0-3-8, 19=-646/8-0-0, 21=8/8-0-0, 16=1656/0-6-0
Max Horz 2=-357(load case 3)
Max Uplift2=-688(load case 5), 18=-116(load case 4), 20=-197(load case 5), 12=-1151(load case 6), 19=-817(load case 9), 21=-9(load case 4), 16=-345(load case 6)
Max Grav 2=1144(load case 1), 18=1474(load case 10), 20=1063(load case 1), 12=1699(load case 1), 21=35(load case 3), 16=1678(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-39/71, 2-3=-1203/826, 3-4=-969/698, 4-5=-1316/948, 5-6=-1343/1062, 6-7=-245/125, 7-8=-222/137, 8-9=-1282/1017, 9-10=-1360/999, 10-11=-2012/1632, 11-12=-2194/1760, 12-13=-39/71
BOT CHORD 2-21=-500/866, 20-21=-500/866, 19-20=-447/803, 18-19=-447/803, 17-18=-507/998, 16-17=-507/998, 15-16=-507/998, 14-15=-1325/1731, 12-14=-1267/1674
WEBS 6-22=-937/984, 8-22=-937/984, 5-18=-632/451, 9-15=-440/300, 4-20=-615/510, 10-14=-564/569, 4-18=-75/243, 10-15=-918/1004, 7-22=-84/124

JOINT STRESS INDEX
2 = 0.89, 3 = 0.00, 3 = 0.30, 3 = 0.29, 4 = 0.73, 5 = 0.19, 6 = 0.31, 7 = 0.16, 8 = 0.31, 9 = 0.19, 10 = 0.73, 11 = 0.00, 11 = 0.29, 11 = 0.30, 12 = 0.89, 14 = 0.19, 15 = 0.17, 17 = 0.54, 18 = 0.17, 19 = 0.16, 20 = 0.19, 21 = 0.16, 22 = 0.34, 23 = 0.16, 24 = 0.16, 25 = 0.16, 26 = 0.16, 27 = 0.34, 28 = 0.16, 29 = 0.34, 30 = 0.16, 31 = 0.16, 32 = 0.16, 33 = 0.16, 34 = 0.16, 35 = 0.34, 36 = 0.16, 37 = 0.16, 38 = 0.34, 39 = 0.16 and 40 = 0.16

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 3x6 MT20 unless otherwise indicated.
5) The following joint(s) require plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection: 12 and 2.
6) Gable studs spaced at 2-0-0 oc.
7) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-22, 8-22; Wall dead load (5.0psf) on member(s).5-18, 9-15
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 16-18, 15-16
9) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 688 lb uplift at joint 2, 116 lb uplift at joint 18, 197 lb uplift at joint 20, 1151 lb uplift at joint 12, 817 lb uplift at joint 19, 9 lb uplift at joint 21 and 345 lb uplift at joint 16.
11) 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

Continued on page 2

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062737

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T01G	ATTIC	1	1	Job Reference (optional)

LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 2-18=-30, 15-18=-110, 12-15=-30, 1-5=-114(F=-60), 5-6=-126(F=-60), 6-7=-114(F=-60), 7-8=-114(F=-60), 8-9=-126(F=-60), 9-13=-114(F=-60), 6-8=-10
Drag: 5-18=-10, 9-15=-10

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062738

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T02	ATTIC	3	1	Job Reference (optional)

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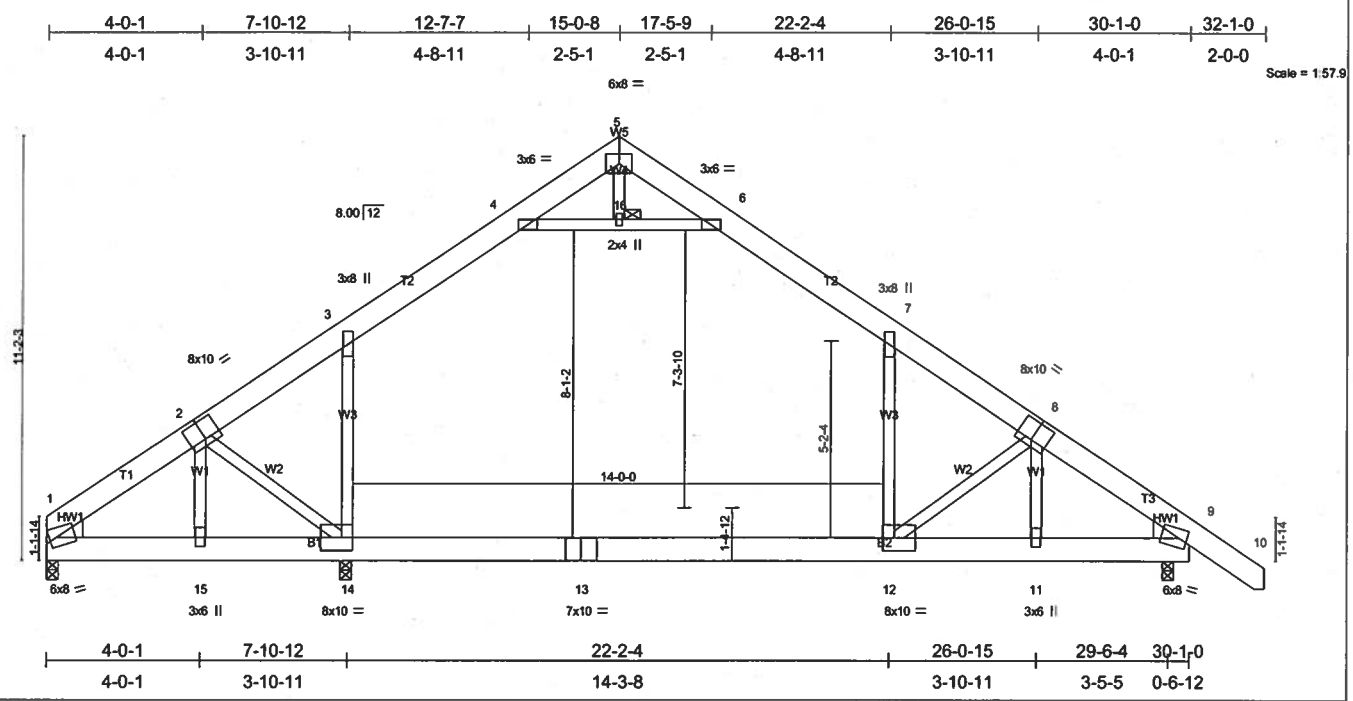


Plate Offsets (X,Y): [2:0-5-0,0-6-0], [8:0-5-0,0-6-0], [9:0-2-6,0-3-0], [12:0-3-8,0-4-0], [14:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.97	Vert(LL)	-0.54	12-14	>488	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.83	Vert(TL)	-0.88	12-14	>301	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.49	Horz(TL)	0.03	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Wind(LL)	0.21	12-14	>999	240	Weight: 263 lb	

LUMBER
TOP CHORD 2 X 8 SYP No.1D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 6 SYP No.1D, Right: 2 X 6 SYP No.1D

BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 6-4-11 oc bracing.
JOINTS 1 Brace at Jt(s): 16

REACTIONS (lb/size) 1=1222/0-3-8, 14=993/0-3-8, 9=1815/0-3-8
Max Horz 1=-383(load case 3)
Max Uplift1=-261(load case 6), 14=-154(load case 4), 9=-521(load case 6)
Max Grav 1=1222(load case 1), 14=1140(load case 10), 9=1815(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1535/398, 2-3=-2013/355, 3-4=-1573/429, 4-5=-40/512, 5-6=-134/701, 6-7=-1453/408, 7-8=-2268/394, 8-9=-2463/686, 9-10=0/38
BOT CHORD 1-15=-188/1191, 14-15=-188/1183, 13-14=-21/1507, 12-13=-21/1507, 11-12=-415/1940, 9-11=-412/1942
WEBS 4-16=-2226/570, 6-16=-2226/570, 3-14=-297/852, 7-12=-95/1265, 2-15=-879/0, 8-11=-301/0, 2-14=0/499, 8-12=-595/505, 5-16=-26/220

JOINT STRESS INDEX
1 = 0.74, 1 = 0.00, 2 = 0.27, 3 = 0.39, 4 = 0.74, 5 = 0.84, 6 = 0.74, 7 = 0.39, 8 = 0.27, 9 = 0.80, 9 = 0.00, 11 = 0.16, 12 = 0.27, 13 = 0.84, 14 = 0.27, 15 = 0.16 and 16 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed ; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-16, 6-16; Wall dead load (5.0psf) on member(s).3-14, 7-12
4) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 261 lb uplift at joint 1, 154 lb uplift at joint 14 and 521 lb uplift at joint 9.

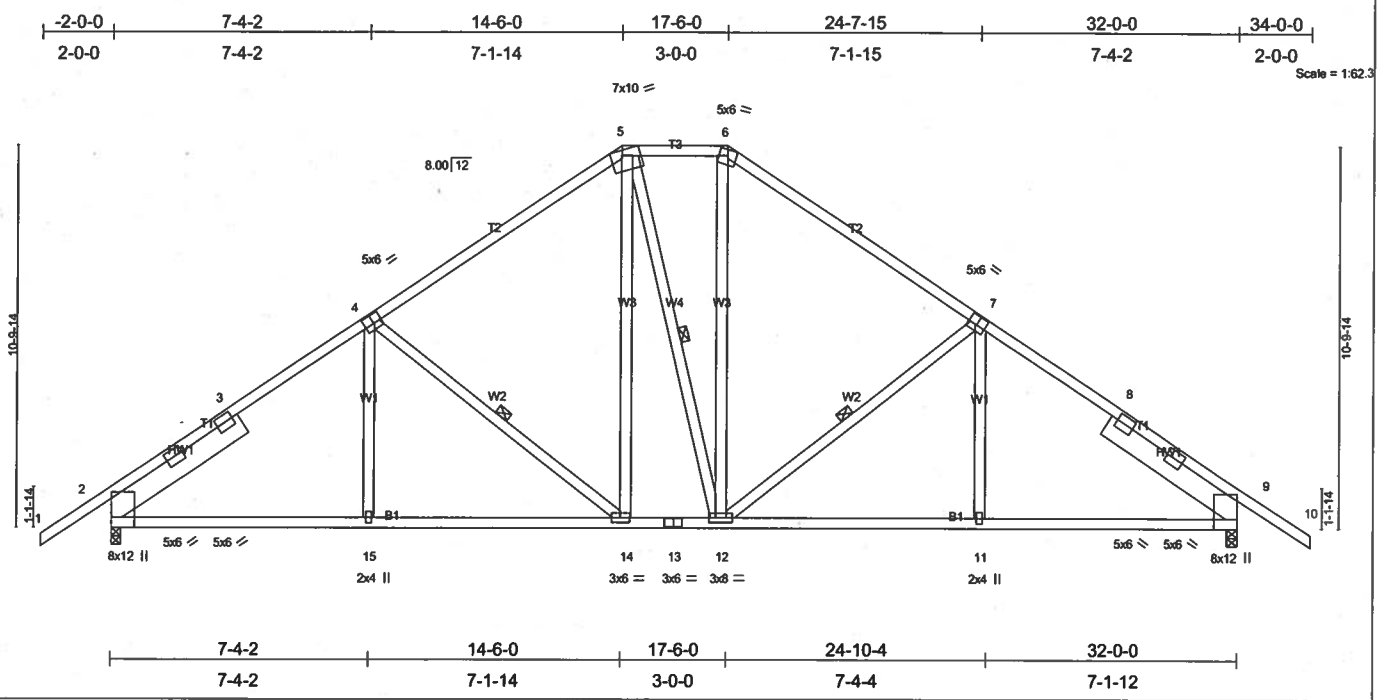
LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062739

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T03	COMMON	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:35 2006 Page 1



7-4-2	14-6-0	17-6-0	24-10-4	32-0-0
7-4-2	7-1-14	3-0-0	7-4-4	7-1-12

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [5:0-4-0,Edge], [7:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.60	Vert(LL)	-0.15	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.24	14-15	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.07	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 229 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 8 SYP No.1D 4-7-5, Right 2 X 8 SYP No.1D 4-7-5

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-3 oc purlins, except 2-0-0 oc purlins (5-6-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 9-9-15 oc bracing.
WEBS 1 Row at midpt 4-14, 5-12, 7-12

REACTIONS (lb/size) 2=1452/0-3-8, 9=1452/0-3-8
Max Horz 2=-368(load case 3)
Max Uplift2=-531(load case 5), 9=-531(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-1815/606, 3-4=-1692/631, 4-5=-1334/603, 5-6=-1033/591, 6-7=-1336/603, 7-8=-1692/631, 8-9=-1814/606, 9-10=0/26
BOT CHORD 2-15=-406/1346, 14-15=-406/1345, 13-14=-207/1032, 12-13=-207/1032, 11-12=-319/1345, 9-11=-318/1346
WEBS 4-15=0/215, 4-14=-427/322, 5-14=-167/405, 5-12=-229/230, 6-12=-178/437, 7-12=-425/321, 7-11=0/213

JOINT STRESS INDEX
2 = 0.51, 2 = 0.33, 2 = 0.33, 3 = 0.00, 4 = 0.74, 5 = 0.62, 6 = 0.70, 7 = 0.74, 8 = 0.00, 9 = 0.51, 9 = 0.33, 9 = 0.33, 11 = 0.34, 12 = 0.69, 13 = 0.49, 14 = 0.35 and 15 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 531 lb uplift at joint 2 and 531 lb uplift at joint 9.
6) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062740

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T03G	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:36 2006 Page 1

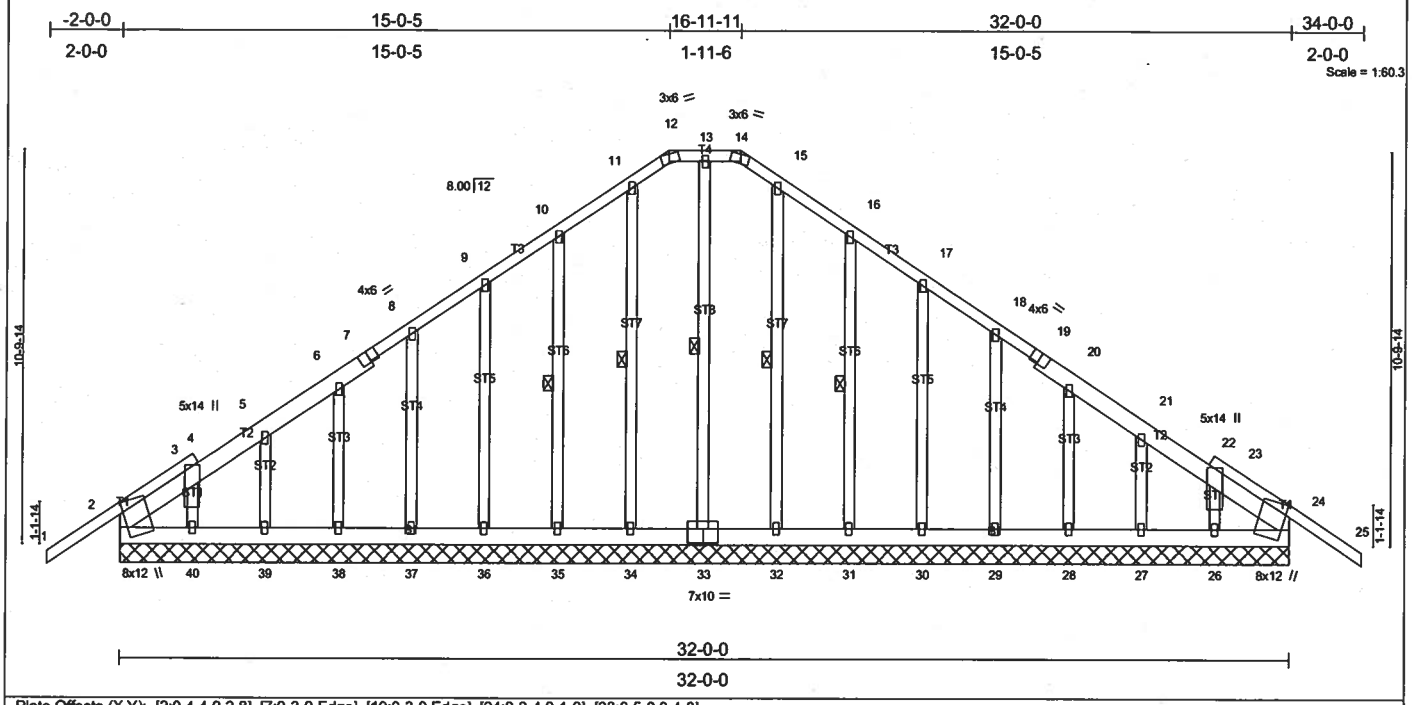


Plate Offsets (X,Y): [2:0-4-4,0-2-8], [7:0-3-0,Edge], [19:0-3-0,Edge], [24:0-3-4,0-1-0], [33:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.04	25	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.06	25	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.20	Horz(TL)	0.01	24	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 287 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except* T2 2 X 6 SYP No.1D, T2 2 X 6 SYP No.1D
BOT CHORD 2 X 6 SYP No.1D
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 12-14.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 13-33, 11-34, 10-35, 15-32, 16-31

REACTIONS (lb/size) 2=525/32-0-0, 24=525/32-0-0, 33=245/32-0-0, 34=271/32-0-0, 35=291/32-0-0, 36=289/32-0-0, 37=281/32-0-0, 38=293/32-0-0, 39=312/32-0-0, 40=148/32-0-0, 32=271/32-0-0, 31=291/32-0-0, 30=289/32-0-0, 29=281/32-0-0, 28=293/32-0-0, 27=312/32-0-0, 26=148/32-0-0
Max Horz 2=366(load case 4)
Max Uplift 2=-281(load case 3), 24=-210(load case 4), 33=-77(load case 4), 34=-106(load case 4), 35=-163(load case 5), 36=-148(load case 5), 37=-150(load case 5), 38=-158(load case 5), 39=-145(load case 5), 40=-137(load case 4), 32=-81(load case 3), 31=-165(load case 6), 30=-148(load case 6), 29=-148(load case 6), 28=-157(load case 6), 27=-149(load case 6), 26=-115(load case 3)
Max Grav 2=525(load case 1), 24=525(load case 1), 33=245(load case 1), 34=274(load case 9), 35=291(load case 1), 36=289(load case 9), 37=281(load case 9), 38=293(load case 9), 39=312(load case 1), 40=150(load case 9), 32=274(load case 10), 31=291(load case 1), 30=289(load case 10), 29=281(load case 10), 28=293(load case 10), 27=312(load case 1), 26=150(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-11/63, 2-3=-306/256, 3-4=-182/131, 4-5=-244/200, 5-6=-204/208, 6-7=-140/202, 7-8=-147/192, 8-9=-128/191, 9-10=-128/185, 10-11=-130/243, 11-12=-122/262, 12-13=-54/244, 13-14=-54/244, 14-15=-122/262, 15-16=-130/236, 16-17=-128/158, 17-18=-128/94, 18-19=-48/82, 19-20=-140/103, 20-21=-127/108, 21-22=-176/105, 22-23=-145/65, 23-24=-239/150, 24-25=-11/63
BOT CHORD 2-40=-84/285, 39-40=-84/285, 38-39=-84/285, 37-38=-84/285, 36-37=-84/285, 35-36=-84/285, 34-35=-84/285, 33-34=-84/285, 32-33=-84/285, 31-32=-84/285, 30-31=-84/285, 29-30=-84/285, 28-29=-84/285, 27-28=-84/285, 26-27=-84/285, 24-26=-84/285
WEBS 13-33=-185/89, 11-34=-214/118, 10-35=-231/175, 9-36=-229/160, 8-37=-220/161, 6-38=-237/172, 5-39=-237/151, 3-40=-142/159, 15-32=-214/93, 16-31=-231/177, 17-30=-229/160, 18-29=-220/160, 20-28=-237/171, 21-27=-237/153, 23-26=-142/150

JOINT STRESS INDEX
2 = 0.89, 3 = 0.82, 4 = 0.00, 5 = 0.34, 6 = 0.34, 7 = 0.13, 8 = 0.34, 9 = 0.34, 10 = 0.34, 11 = 0.34, 12 = 0.18, 13 = 0.34, 14 = 0.18, 15 = 0.34, 16 = 0.34, 17 = 0.34, 18 = 0.34, 19 = 0.13, 20 = 0.34, 21 = 0.34, 22 = 0.00, 23 = 0.82, 24 = 0.89, 26 = 0.34, 27 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.34, 32 = 0.34, 33 = 0.16, 34 = 0.34, 35 = 0.34, 36 = 0.34, 37 = 0.34, 38 = 0.34, 39 = 0.34 and 40 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 281 lb uplift at joint 2, 210 lb uplift at joint 24, 77 lb uplift at joint 33, 106 lb uplift at joint 34, 163 lb uplift at joint 35, 148 lb uplift at joint 36, 150 lb uplift at joint 37, 158 lb uplift at joint 38, 145 lb uplift at joint 39, 137 lb uplift at joint 40, 81 lb uplift at joint 32, 165 lb uplift at joint 31, 148 lb uplift at joint 30, 148 lb uplift at joint 29, 157 lb uplift at joint 28, 149 lb uplift at joint 27 and 115 lb uplift at joint 26.
10) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
11) 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

Continued on page 2

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T03G	COMMON	1	1	Job Reference (optional)

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-12=-114(F=-60), 12-14=-114(F=-60), 14-25=-114(F=-60), 2-24=-30

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062742

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T04	ROOF TRUSS	2	1	Job Reference (optional)

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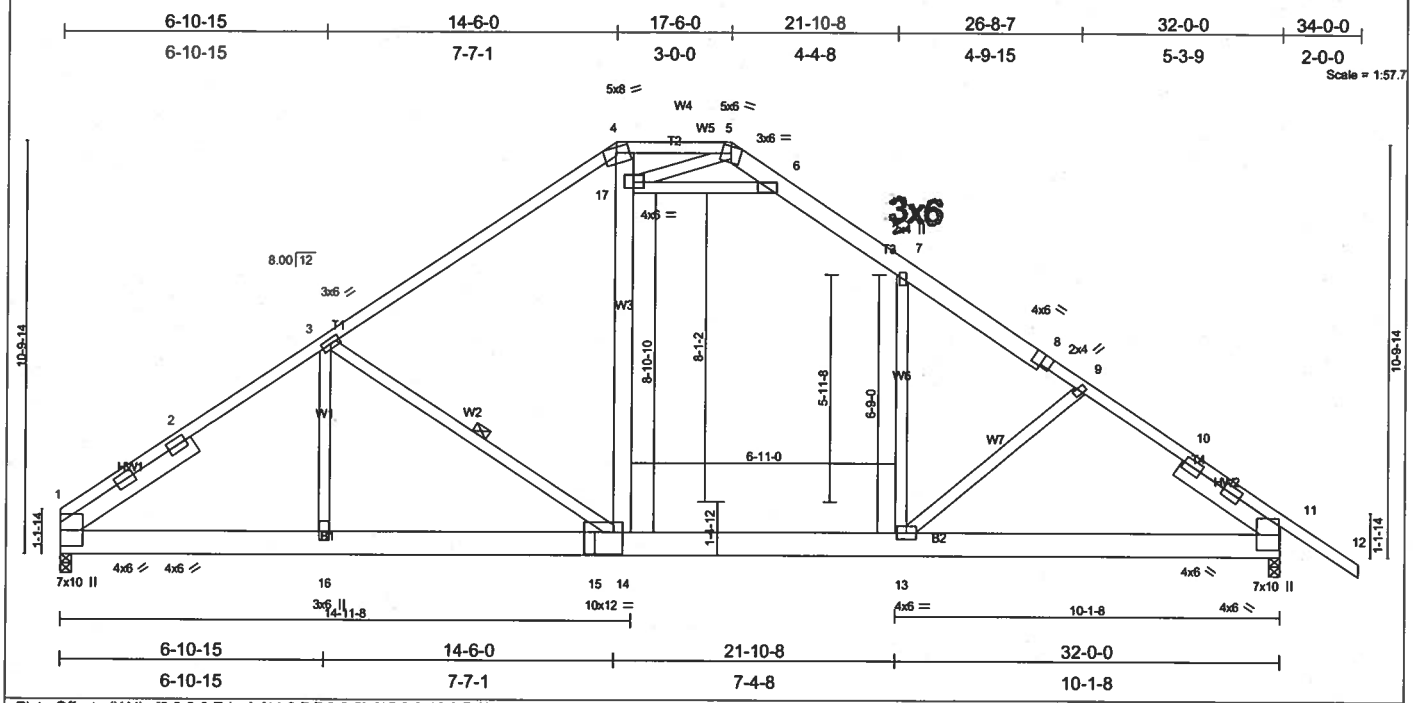


Plate Offsets (X,Y): [8:0-3-0,Edge], [11:0-7-7,0-0-6], [15:0-2-12,0-7-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.60	Vert(LL)	-0.33	11-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.69	Vert(TL)	-0.57	11-13	>677	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.50	Horz(TL)	0.04	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Wind(LL)	0.22	11-13	>999	240	Weight: 257 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except*
T3 2 X 6 SYP No.1D
BOT CHORD 2 X 8 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except*
W3 2 X 6 SYP No.1D
SLIDER Left 2 X 6 SYP No.1D 4-2-2, Right 2 X 6 SYP No.1D 3-2-10

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-11 oc purlins, except 2-0-0 oc purlins (4-3-4 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 9-0-0 oc bracing.
WEBS 1 Row at midpt 3-14

REACTIONS (lb/size) 1=1695/0-3-8, 11=1929/0-3-8
Max Horz 1=-375(load case 3)
Max Uplift1=-285(load case 5), 11=-384(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2326/428, 2-3=-2216/451, 3-4=-2103/405, 4-5=-1495/340, 5-6=-389/76, 6-7=-1855/399, 7-8=-2063/314, 8-9=-2194/301, 9-10=-2344/361, 10-11=-2420/336, 11-12=0/34
BOT CHORD 1-16=-285/1798, 15-16=-285/1798, 14-15=-285/1798, 13-14=0/1700, 11-13=-130/1899
WEBS 3-16=-123/87, 3-14=-271/368, 14-17=-148/1194, 4-17=0/696, 7-13=-10/345, 9-13=-299/280, 6-17=-1672/451, 5-17=-413/1555

JOINT STRESS INDEX
1 = 0.61, 1 = 0.42, 1 = 0.42, 2 = 0.00, 3 = 0.43, 4 = 0.90, 5 = 0.50, 6 = 0.56, 7 = 0.34, 8 = 0.56, 9 = 0.34, 10 = 0.00, 11 = 0.92, 11 = 0.45, 11 = 0.45, 13 = 0.25, 14 = 0.00, 15 = 0.87, 16 = 0.16 and 17 = 0.62

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Ceiling dead load (5.0 psf) on member(s). 6-7, 6-17; Wall dead load (5.0psf) on member(s).14-17, 7-13
5) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-14
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 285 lb uplift at joint 1 and 384 lb uplift at joint 11.
8) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

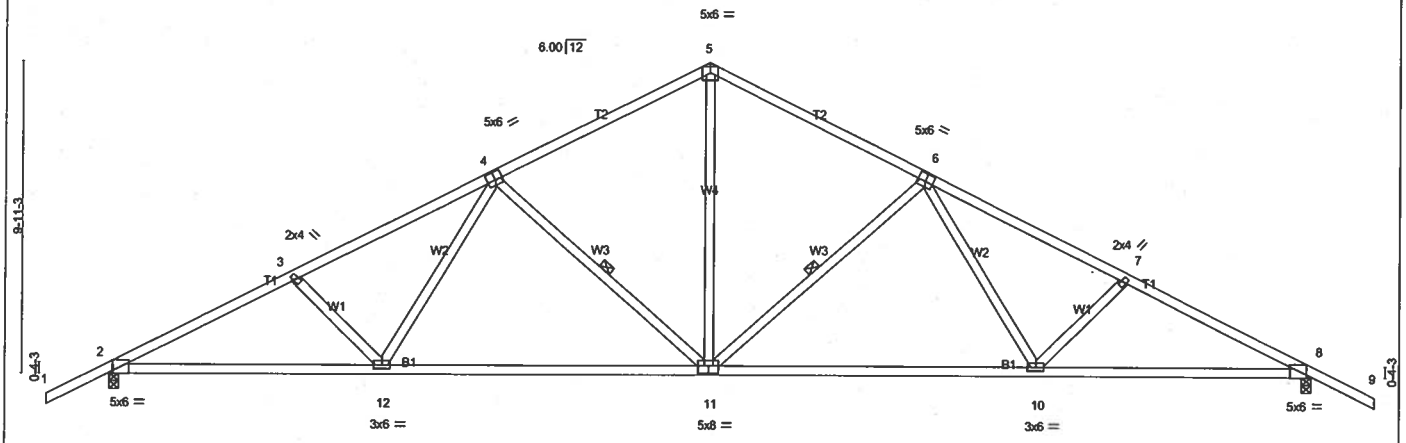
Dwg.#0413062743

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T05	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 12:17:38 2006 Page 1

-2-0-0	5-11-10	12-4-0	19-2-0	26-0-0	32-4-6	38-4-0	40-4-0
2-0-0	5-11-10	6-4-6	6-10-0	6-10-0	6-4-6	5-11-10	2-0-0

Scale = 1:70.0



8-8-11	19-2-0	29-7-5	38-4-0
8-8-11	10-5-6	10-5-5	8-8-11

Plate Offsets (X,Y): [2:0-1-10,Edge], [4:0-3-0,0-3-0], [6:0-3-0,0-3-0], [8:0-1-10,Edge], [11:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.35	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.59	11-12	>777	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.90	Horz(TL)	0.15	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 200 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 3-4-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-4-9 oc bracing.
WEBS 1 Row at midpt 4-11, 6-11

REACTIONS (lb/size) 2=1714/0-3-8, 8=1714/0-3-8
Max Horz 2=-172(load case 6)
Max Uplift2=-643(load case 5), 8=-643(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2996/1276, 3-4=-2773/1219, 4-5=-1891/952, 5-6=-1891/952, 6-7=-2773/1219, 7-8=-2996/1276, 8-9=0/47
BOT CHORD 2-12=-965/2604, 11-12=-694/2124, 10-11=-694/2124, 8-10=-965/2604
WEBS 3-12=-278/279, 4-12=-155/577, 4-11=-701/451, 5-11=-547/1240, 6-11=-701/451, 6-10=-155/577, 7-10=-278/279

JOINT STRESS INDEX
2 = 0.75, 3 = 0.34, 4 = 0.72, 5 = 0.64, 6 = 0.72, 7 = 0.34, 8 = 0.75, 10 = 0.45, 11 = 0.89 and 12 = 0.45

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 643 lb uplift at joint 2 and 643 lb uplift at joint 8.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062744

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T06	COMMON	12	1	Job Reference (optional)

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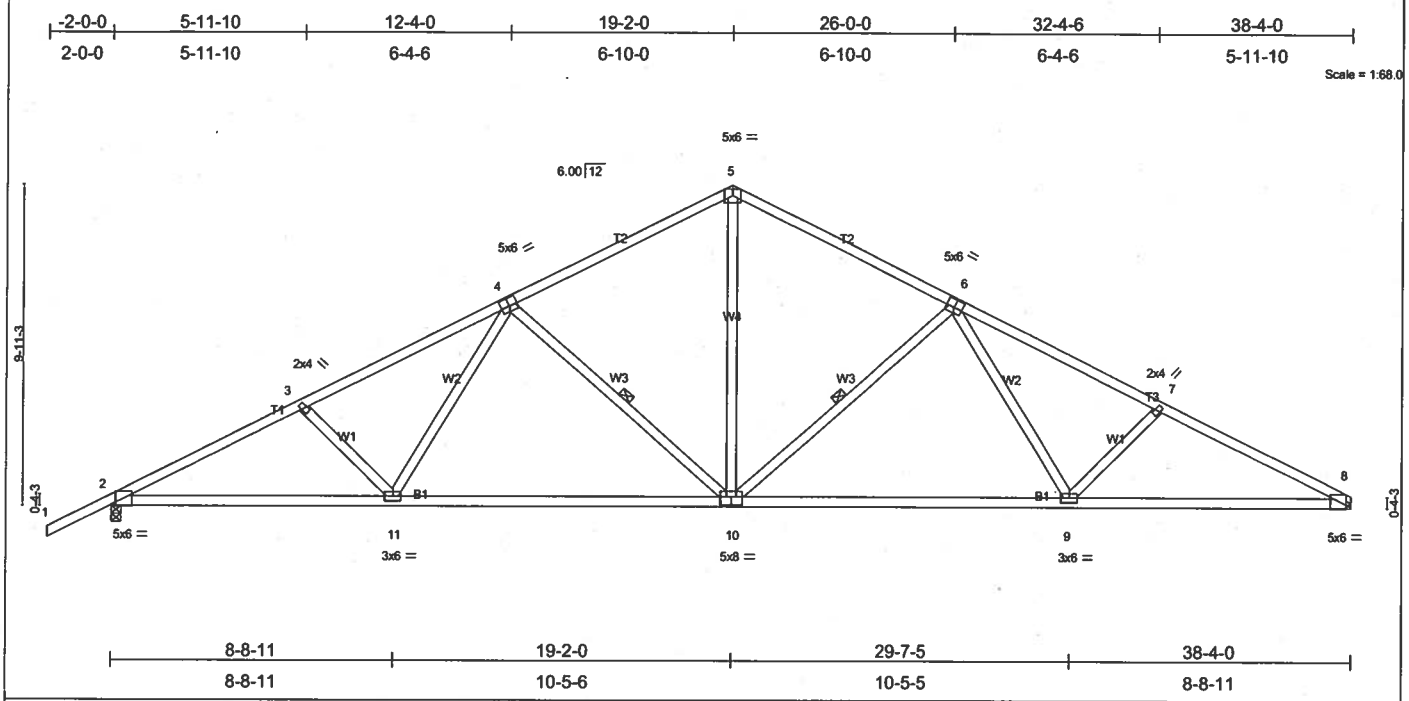

Plate Offsets (X,Y): [2:0-1-11,Edge], [4:0-3-0,0-3-0], [6:0-3-0,0-3-0], [8:0-1-11,Edge], [10:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.36	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.59	10-11	>769	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.91	Horz(TL)	0.15	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 197 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 3-1-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-10-12 oc bracing.
WEBS 1 Row at midpt 4-10, 6-10

REACTIONS (lb/size) 2=1717/0-3-8, 8=1594/Mechanical
Max Horz 2=197(load case 5)
Max Uplift2=-644(load case 5), 8=-518(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3005/1288, 3-4=-2782/1231, 4-5=-1898/963, 5-6=-1898/963, 6-7=-2805/1270, 7-8=-3019/1336
BOT CHORD 2-11=-1054/2612, 10-11=-782/2131, 9-10=-795/2138, 8-9=-1107/2644
WEBS 3-11=-279/279, 4-11=-156/577, 4-10=-702/451, 5-10=-555/1246, 6-10=-712/468, 6-9=-196/602, 7-9=-296/307

JOINT STRESS INDEX
2 = 0.75, 3 = 0.34, 4 = 0.72, 5 = 0.65, 6 = 0.72, 7 = 0.34, 8 = 0.75, 9 = 0.47, 10 = 0.88 and 11 = 0.47

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 644 lb uplift at joint 2 and 518 lb uplift at joint 8.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062745

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T06G	COMMON	2	1	Job Reference (optional)

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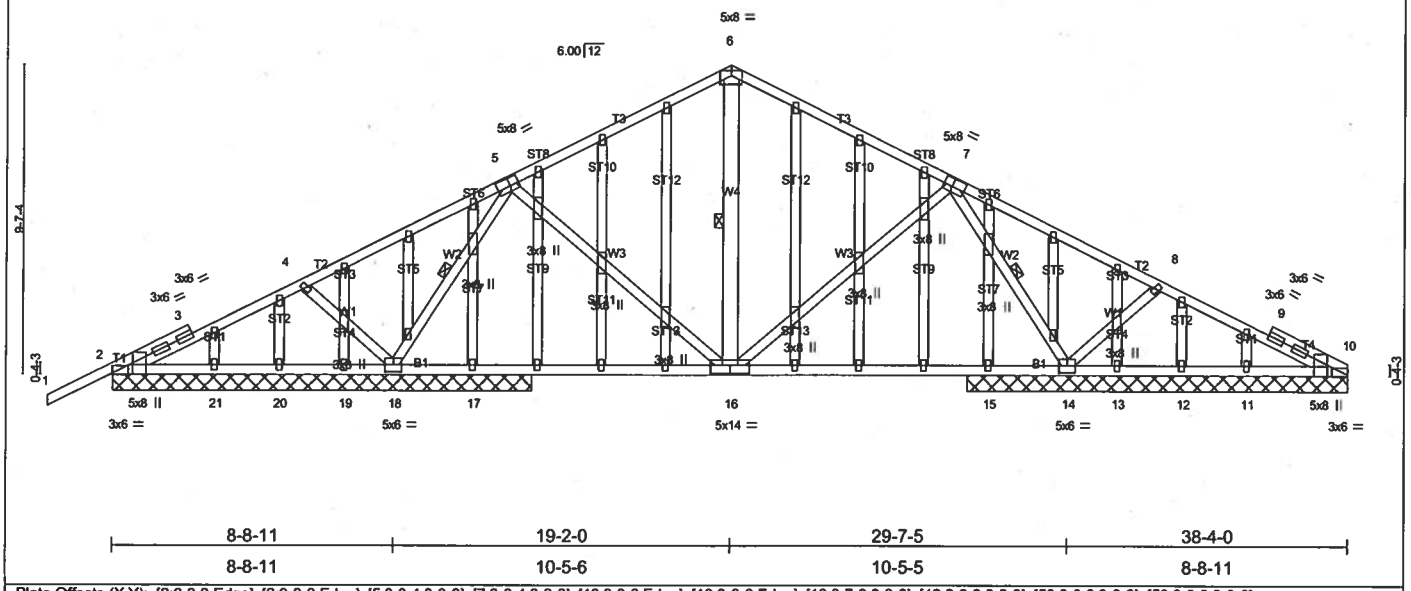
-2-0-0 | 5-11-10 | 12-4-0 | 19-2-0 | 26-0-0 | 32-4-6 | 38-4-0

2-0-0 | 5-11-10 | 6-4-6 | 6-10-0 | 6-10-0 | 6-4-6 | 5-11-10

Scale = 1:68.2



8-8-11 | 19-2-0 | 29-7-5 | 38-4-0

8-8-11 | 10-5-6 | 10-5-5 | 8-8-11

Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-8,Edge], [5:0-3-4,0-3-0], [7:0-3-4,0-3-0], [10:0-3-8,Edge], [10:0-0-8,Edge], [16:0-7-0,0-3-0], [49:0-0-0,0-0-0], [50:0-0-0,0-0-0], [53:0-0-0,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.79	Vert(LL)	-0.07	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.12	16-17	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.47	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 312 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 *Except*
W4 2 X 6 SYP No.1D
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-9-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-18, 6-16, 7-14

REACTIONS (lb/size) 2=561/13-0-0, 18=1816/13-0-0, 14=1883/11-10-0, 10=250/11-10-0, 17=188/13-0-0, 19=48/13-0-0, 20=-33/13-0-0, 21=60/13-0-0, 15=189/11-10-0, 13=55/11-10-0, 12=-57/11-10-0, 11=118/11-10-0
Max Horz 2=192(load case 5)
Max Uplift2=-318(load case 5), 18=-916(load case 5), 14=-941(load case 6), 10=-115(load case 6), 20=-34(load case 9), 21=-30(load case 6), 13=-3(load case 6), 12=-58(load case 10), 11=-69(load case 6)
Max Grav 2=567(load case 9), 18=1816(load case 1), 14=1883(load case 1), 10=255(load case 10), 17=188(load case 1), 19=48(load case 1), 20=12(load case 6), 21=63(load case 9), 15=189(load case 1), 13=55(load case 1), 12=28(load case 6), 11=121(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-15/99, 2-3=-243/95, 3-4=-54/78, 4-5=-221/612, 5-6=-946/527, 6-7=-946/526, 7-8=-252/677, 8-9=-81/1, 9-10=-189/17
BOT CHORD 2-21=-61/113, 20-21=-61/113, 19-20=-61/113, 18-19=-61/113, 17-18=-143/507, 16-17=-143/507, 15-16=-70/478, 14-15=-70/478, 13-14=0/73, 12-13=0/73, 11-12=0/73, 10-11=0/73
WEBS 4-18=-673/466, 5-18=-1724/857, 5-16=-0/265, 6-16=-95/39, 7-16=-36/293, 7-14=-1783/918, 8-14=-701/495

JOINT STRESS INDEX
2 = 0.62, 2 = 0.18, 3 = 0.00, 3 = 0.52, 3 = 0.52, 4 = 0.34, 5 = 0.89, 6 = 0.79, 7 = 0.88, 8 = 0.34, 9 = 0.00, 9 = 0.52, 9 = 0.52, 10 = 0.62, 10 = 0.18, 11 = 0.34, 12 = 0.34, 13 = 0.34, 14 = 0.35, 15 = 0.34, 16 = 0.23, 17 = 0.34, 18 = 0.35, 19 = 0.34, 20 = 0.34, 21 = 0.34, 22 = 0.35, 23 = 0.34, 24 = 0.34, 25 = 0.35, 26 = 0.34, 27 = 0.34, 28 = 0.35, 29 = 0.34, 30 = 0.34, 31 = 0.69, 32 = 0.34, 33 = 0.34, 34 = 0.34, 35 = 0.36, 36 = 0.34, 37 = 0.34, 38 = 0.34, 39 = 0.34, 40 = 0.34, 41 = 0.35, 42 = 0.34, 43 = 0.34, 44 = 0.35, 45 = 0.34, 46 = 0.34, 47 = 0.35, 48 = 0.34, 49 = 0.69, 50 = 0.34, 51 = 0.34, 52 = 0.34, 53 = 0.36, 54 = 0.34 and 55 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 318 lb uplift at joint 2, 916 lb uplift at joint 18, 941 lb uplift at joint 14, 115 lb uplift at joint 10, 34 lb uplift at joint 20, 30 lb uplift at joint 21, 3 lb uplift at joint 13, 58 lb uplift at joint 12 and 69 lb uplift at joint 11.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-6=-114(F=-60), 6-10=-114(F=-60), 15-17=-30

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062746

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T07	COMMON	2	2	Job Reference (optional)

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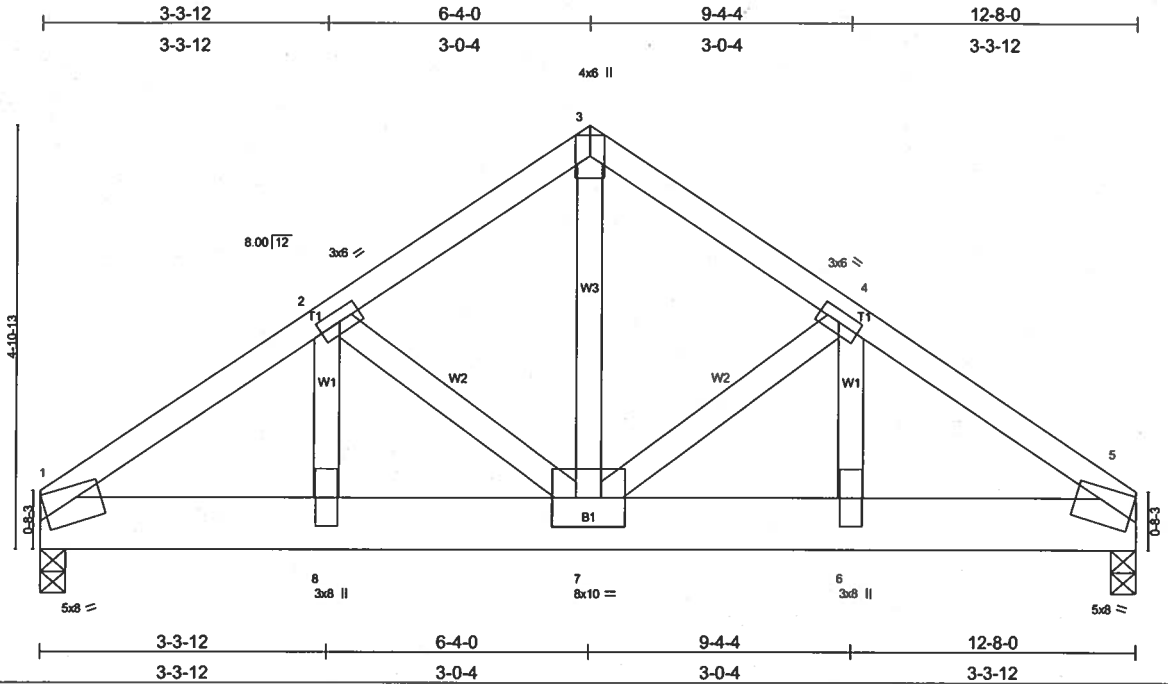

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.06	7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.09	6-7	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.78	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 168 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-2-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=5241/0-3-8, 5=5241/0-3-8
Max Horz 1=-154(load case 2)
Max Uplift1=-2012(load case 4), 5=-2012(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-6398/2449, 2-3=-4624/1825, 3-4=-4624/1825, 4-5=-6398/2450
BOT CHORD 1-8=-1948/5057, 7-8=-1948/5057, 6-7=-1897/5057, 5-6=-1897/5057
WEBS 2-8=-799/2148, 2-7=-1578/685, 3-7=-1894/4862, 4-7=-1578/687, 4-6=-803/2149

JOINT STRESS INDEX
1 = 0.75, 2 = 0.82, 3 = 0.58, 4 = 0.82, 5 = 0.75, 6 = 0.35, 7 = 0.46 and 8 = 0.35

NOTES
1) 2-ply truss to be connected together with 0.131"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 8 - 2 rows at 0-7-0 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=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2012 lb uplift at joint 1 and 2012 lb uplift at joint 5.
7) Girder carries tie-in span(s): 38-4-0 from 0-0-0 to 12-8-0

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 1-5=-793(F=-763)

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062747

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T07G	COMMON	2	1	Job Reference (optional)

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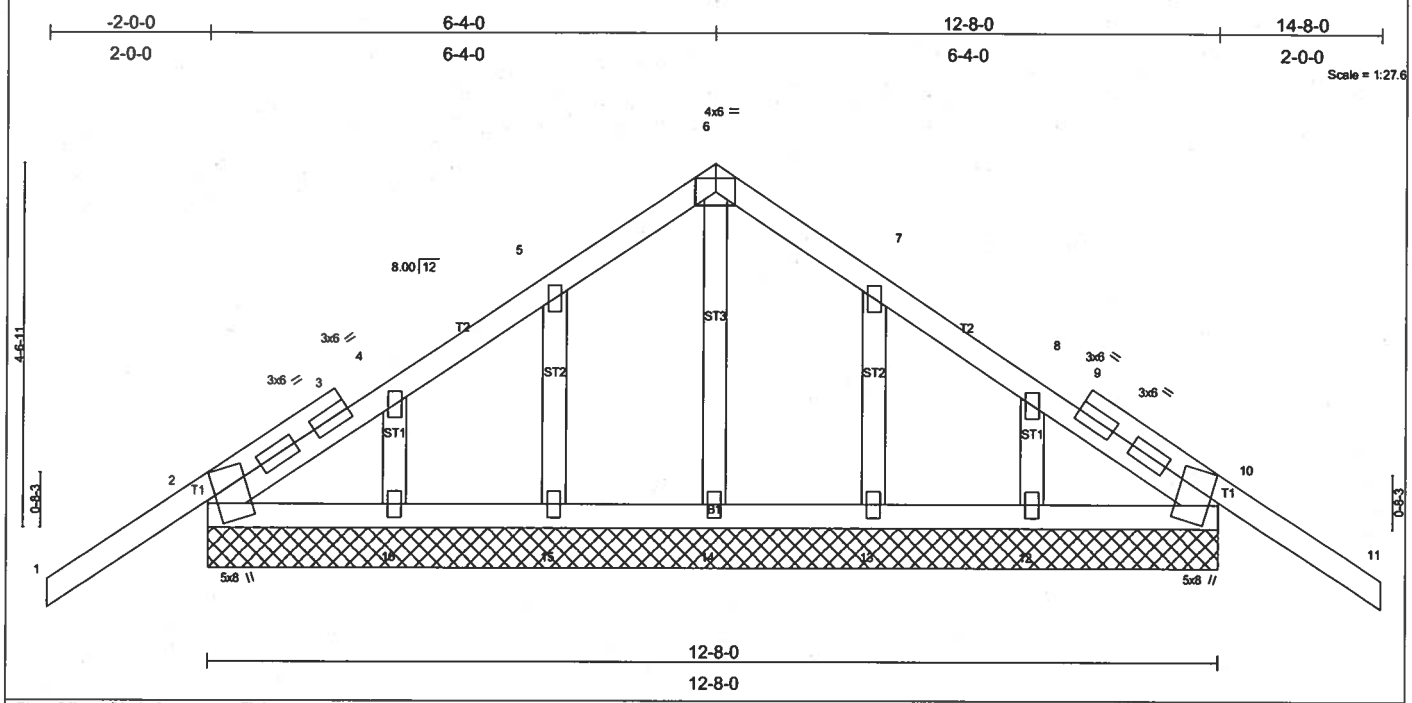

Plate Offsets (X,Y): [2:0-3-9,0-1-7], [10:0-1-15,0-1-1]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.04	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.07	11	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.06	Horz(TL)	0.00	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 73 lb	

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

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

REACTIONS (lb/size) 2=506/12-8-0, 10=506/12-8-0, 14=235/12-8-0, 15=306/12-8-0, 16=211/12-8-0, 13=306/12-8-0, 12=211/12-8-0
Max Horz 2=152(load case 4)
Max Uplift2=-266(load case 5), 10=-286(load case 6), 14=-7(load case 4), 15=-166(load case 5), 16=-78(load case 6), 13=-165(load case 6), 12=-78(load case 5)
Max Grav 2=506(load case 1), 10=506(load case 1), 14=235(load case 1), 15=311(load case 9), 16=211(load case 1), 13=311(load case 10), 12=211(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-12/100, 2-3=-152/110, 3-4=-97/107, 4-5=-98/95, 5-6=-105/145, 6-7=-105/145, 7-8=-98/69, 8-9=-38/48, 9-10=-152/52, 10-11=-12/100
BOT CHORD 2-16=-18/120, 15-16=-18/120, 14-15=-18/120, 13-14=-18/120, 12-13=-18/120, 10-12=-18/120
WEBS 6-14=-178/20, 5-15=-244/170, 4-16=-170/106, 7-13=-244/169, 8-12=-170/106

JOINT STRESS INDEX
2 = 0.78, 3 = 0.00, 3 = 0.28, 3 = 0.28, 4 = 0.08, 5 = 0.12, 6 = 0.17, 7 = 0.12, 8 = 0.08, 9 = 0.00, 9 = 0.28, 9 = 0.28, 10 = 0.78, 12 = 0.06, 13 = 0.10, 14 = 0.07, 15 = 0.10 and 16 = 0.06

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 266 lb uplift at joint 2, 286 lb uplift at joint 10, 7 lb uplift at joint 14, 166 lb uplift at joint 15, 78 lb uplift at joint 16, 165 lb uplift at joint 13 and 78 lb uplift at joint 12.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-6=-114(F=-60), 6-11=-114(F=-60), 2-10=-30

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062748

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T08	MONO HIP	1	1	Job Reference (optional)

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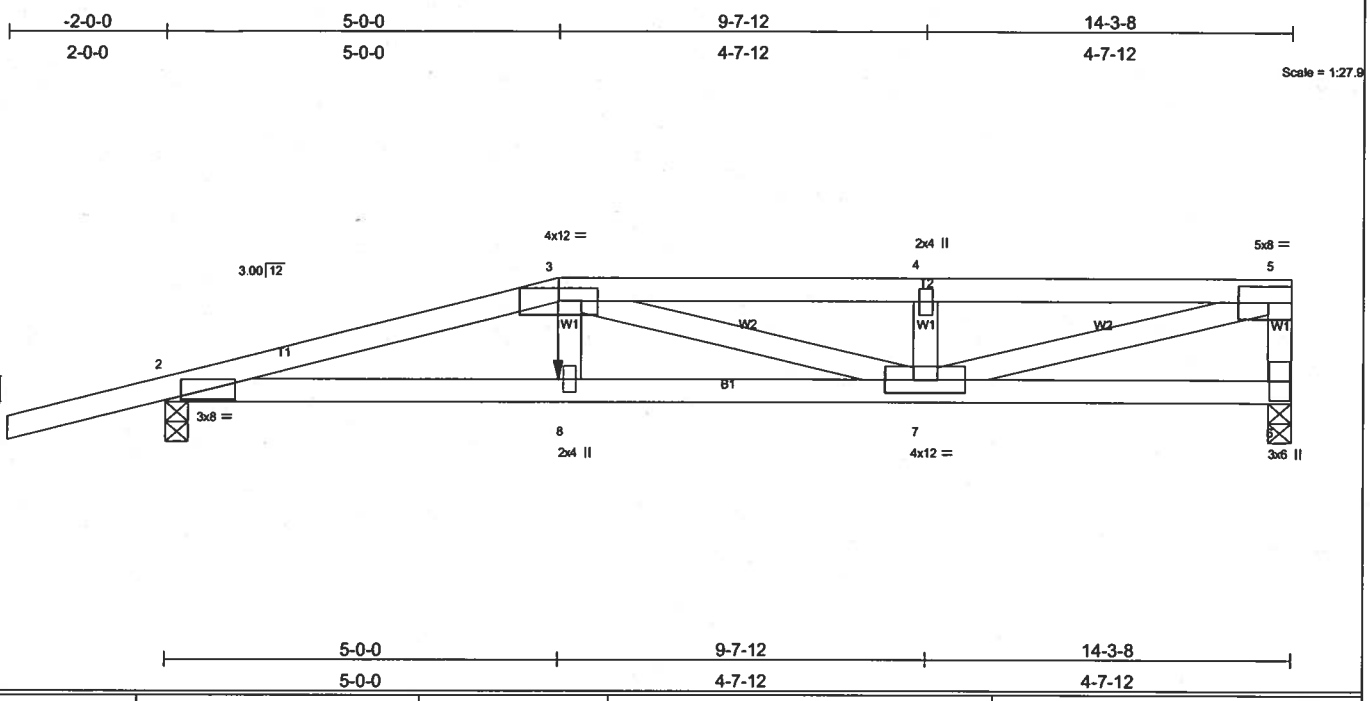

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.71	Vert(LL)	-0.18	7-8	>952	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.73	Vert(TL)	-0.28	7-8	>592	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.77	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 63 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 3-7-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-1-1 oc bracing.

REACTIONS (lb/size) 6=1016/0-3-8, 2=1038/0-3-8
Max Horz 2=90(load case 2)
Max Uplift6=-571(load case 2), 2=-660(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/25, 2-3=-2832/1524, 3-4=-2556/1430, 4-5=-2556/1430, 5-6=-875/519
BOT CHORD 2-8=-1498/2707, 7-8=-1518/2755, 6-7=-147/259
WEBS 3-8=-187/430, 3-7=-207/133, 4-7=-399/298, 5-7=-1334/2388

JOINT STRESS INDEX
2 = 0.68, 3 = 0.79, 4 = 0.17, 5 = 0.56, 6 = 0.49, 7 = 0.88 and 8 = 0.31

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 571 lb uplift at joint 6 and 660 lb uplift at joint 2.
5) Girder carries hip end with 0-0-0 right side setback, 5-0-0 left side setback, and 5-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 101 lb up at 5-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-91(F=-37), 2-8=-30, 6-8=-50(F=-20)
Concentrated Loads (lb)
Vert: 8=-245(F)

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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062749

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934	T09	MONO HIP	1	1	Job Reference (optional)

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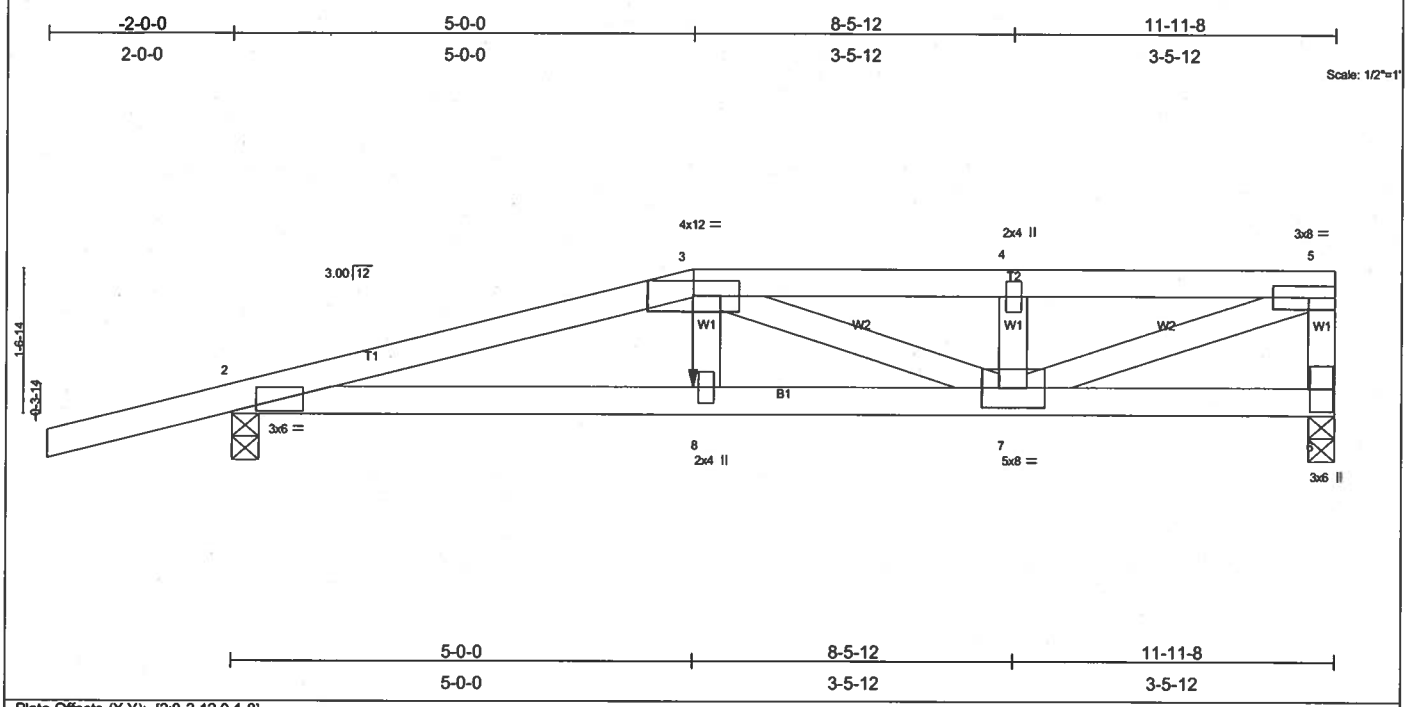

Plate Offsets (X,Y): [2:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.09	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.14	7-8	>985	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.52	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 53 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 4-2-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-11-2 oc bracing.

REACTIONS (lb/size) 6=857/0-3-8, 2=868/0-3-8
Max Horz 2=90(load case 2)
Max Uplift6=-479(load case 2), 2=-565(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/25, 2-3=-2136/1133, 3-4=-1664/925, 4-5=-1664/925, 5-6=-749/438
BOT CHORD 2-8=-1119/2032, 7-8=-1138/2077, 6-7=-86/152
WEBS 3-8=-181/402, 3-7=-440/243, 4-7=-288/218, 5-7=-898/1620

JOINT STRESS INDEX
2 = 0.73, 3 = 0.67, 4 = 0.12, 5 = 0.53, 6 = 0.30, 7 = 0.74 and 8 = 0.29

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 479 lb uplift at joint 6 and 565 lb uplift at joint 2.
5) Girder carries hip end with 0-0-0 right side setback, 5-0-0 left side setback, and 5-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 101 lb up at 5-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-91(F=-37), 2-8=-30, 6-8=-50(F=-20)
Concentrated Loads (lb)
Vert: 8=-245(F)

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062750

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934F	F01	SPECIAL	2	1	Job Reference (optional)

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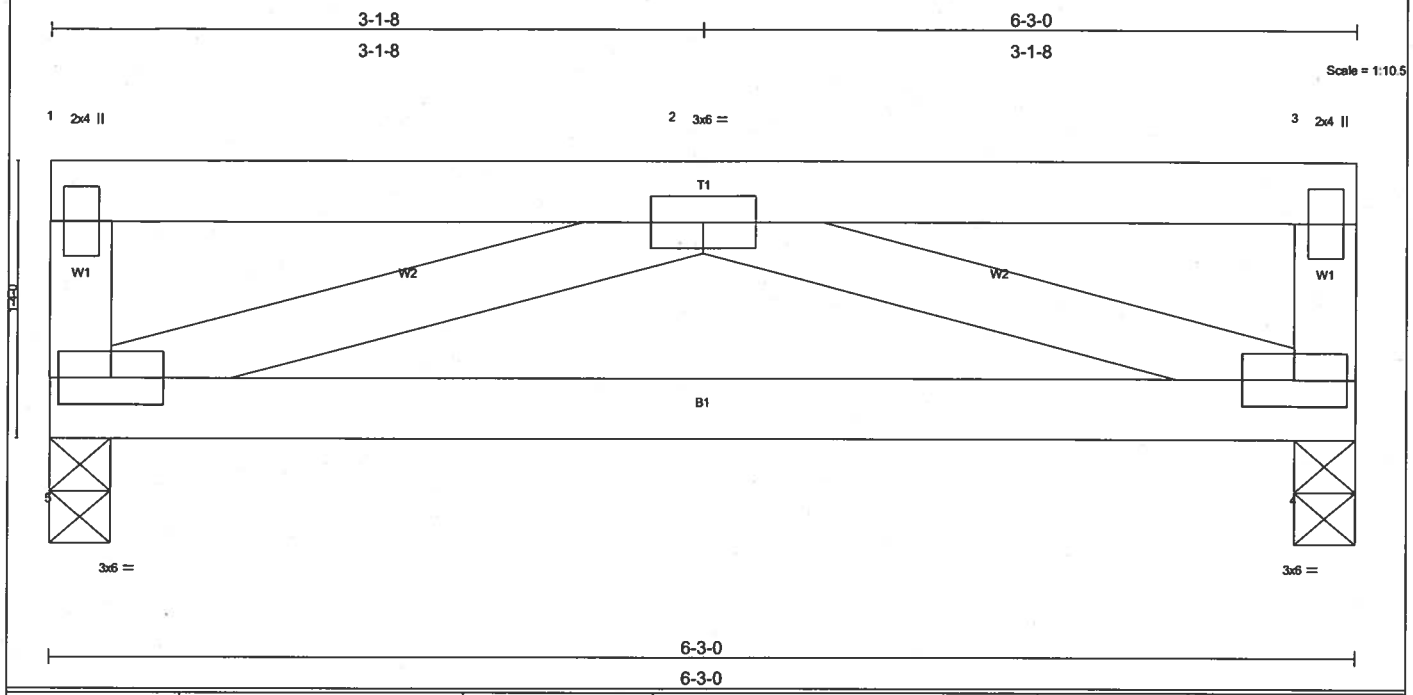

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.20	Vert(LL)	0.00	5	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.21	Vert(TL)	-0.05	4-5	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.14	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Wind(LL)	0.00	5	****	240	Weight: 30 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 6-3-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=328/0-3-8, 4=328/0-3-8
Max Uplift5=-94(load case 3), 4=-94(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-5=-120/74, 1-2=0/0, 2-3=0/0, 3-4=-120/74
BOT CHORD 4-5=-314/509
WEBS 2-5=-540/333, 2-4=-540/333

JOINT STRESS INDEX
1 = 0.06, 2 = 0.19, 3 = 0.06, 4 = 0.20 and 5 = 0.20

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=11ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 5 and 94 lb uplift at joint 4.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062751

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934F	F02	SPECIAL	4	1	Job Reference (optional)

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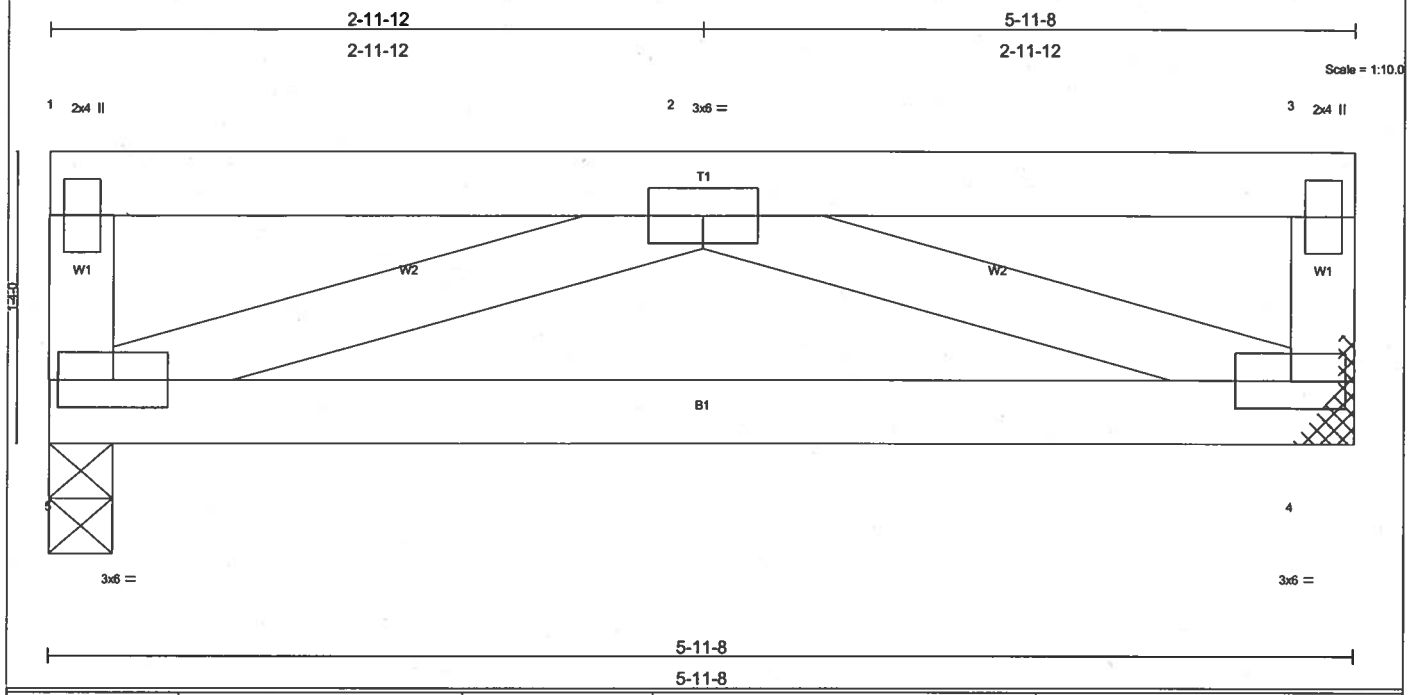

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.18	Vert(LL)	0.00	5	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.19	Vert(TL)	-0.04	4-5	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.12	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Wind(LL)	0.00	5	****	240	Weight: 28 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 5-11-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=312/0-3-8, 4=312/Mechanical
Max Uplift5=-90(load case 3), 4=-90(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-5=-114/71, 1-2=0/0, 2-3=0/0, 3-4=-114/71
BOT CHORD 4-5=-289/461
WEBS 2-5=-491/308, 2-4=-491/308

JOINT STRESS INDEX
1 = 0.06, 2 = 0.17, 3 = 0.06, 4 = 0.18 and 5 = 0.18

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=11ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 90 lb uplift at joint 5 and 90 lb uplift at joint 4.

LOAD CASE(S) Standard

APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0413062752

Job	Truss	Truss Type	Qty	Ply	BRYAN ZECHER - SCHREIBER RES.
L157934F	F03	SPECIAL	4	1	Job Reference (optional)

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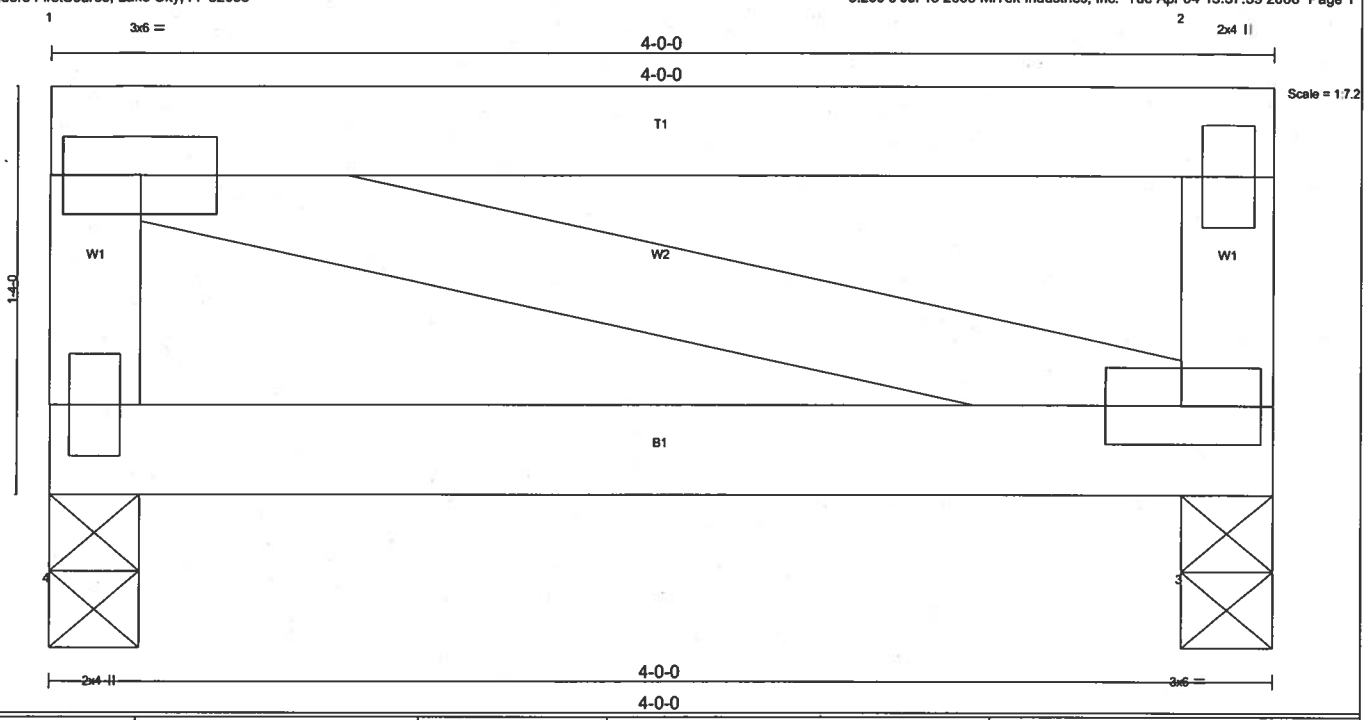


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.39	Vert(LL)	0.00	4	****	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.04	Vert(TL)	-0.01	3-4	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Wind(LL)	0.00	4	****	240	Weight: 19 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 4-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=204/0-3-8, 3=204/0-3-8
Max Uplift4=-59(load case 3), 3=-59(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-4=-185/120, 1-2=0/0, 2-3=-185/120
BOT CHORD 3-4=-0/0
WEBS 1-3=-0/0

JOINT STRESS INDEX
1 = 0.08, 2 = 0.09, 3 = 0.08 and 4 = 0.08

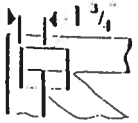
NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=11ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 59 lb uplift at joint 4 and 59 lb uplift at joint 3.

LOAD CASE(S) Standard

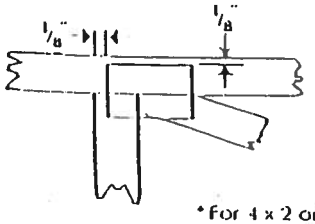
APRIL 13, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Symbols

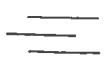
PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seal.



* For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.



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

PLATE SIZE

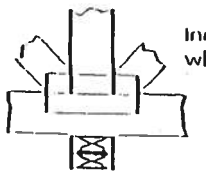
4 X 4

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

LATERAL BRACING

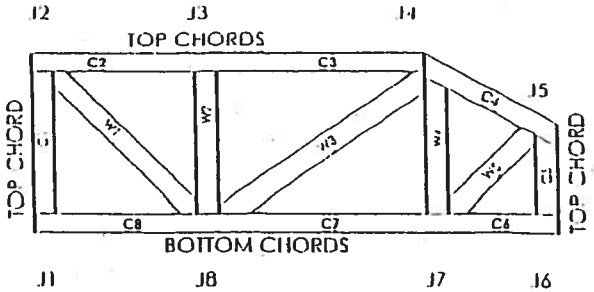
Indicates location of required continuous lateral bracing.

BEARING



Indicates location of joints at which bearings (supports) occur.

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 96-67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/DILHR	960022-W, 970036-H
HER	561

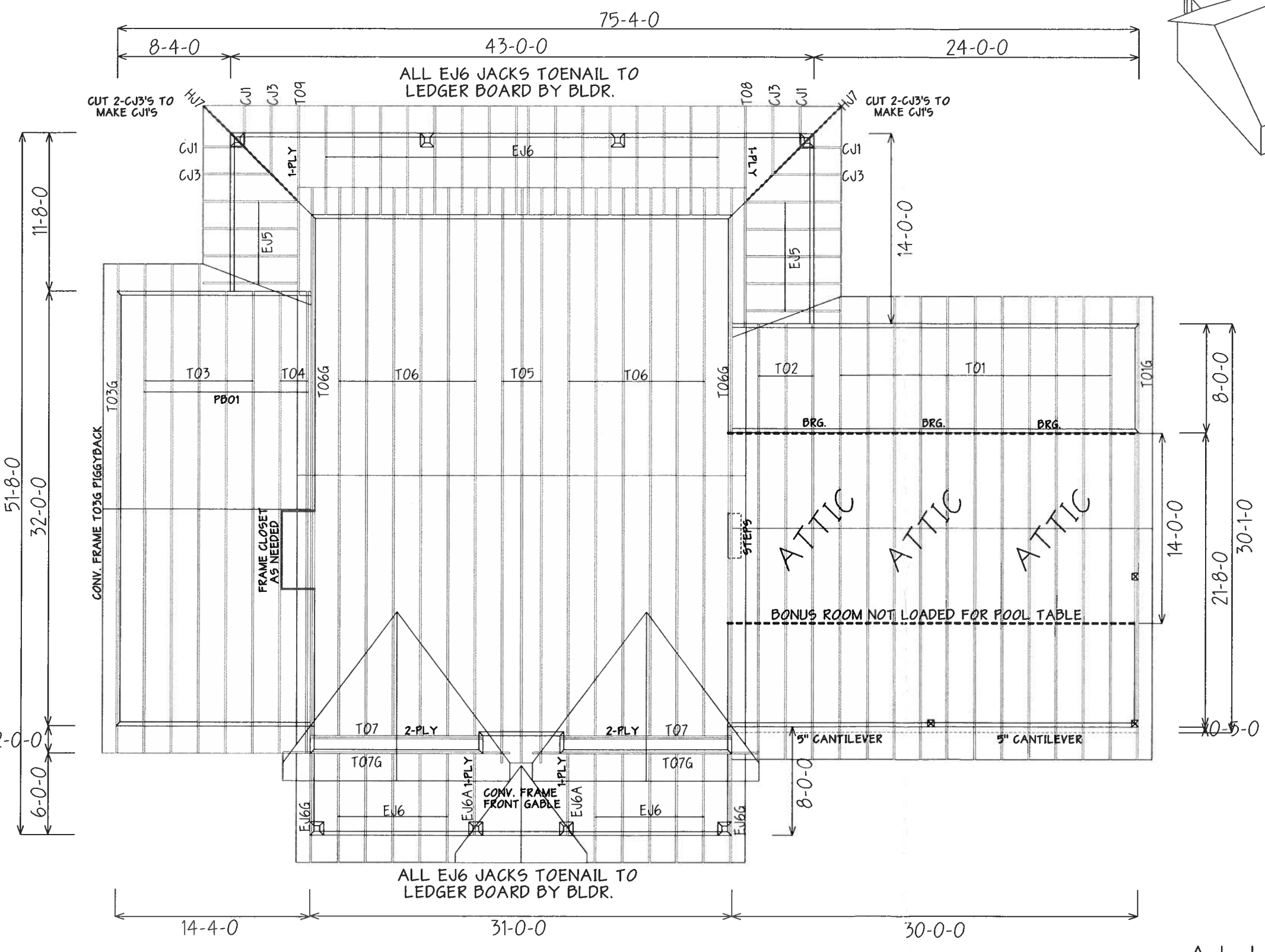
MiTek Engineering Reference Sheet: MII-7473

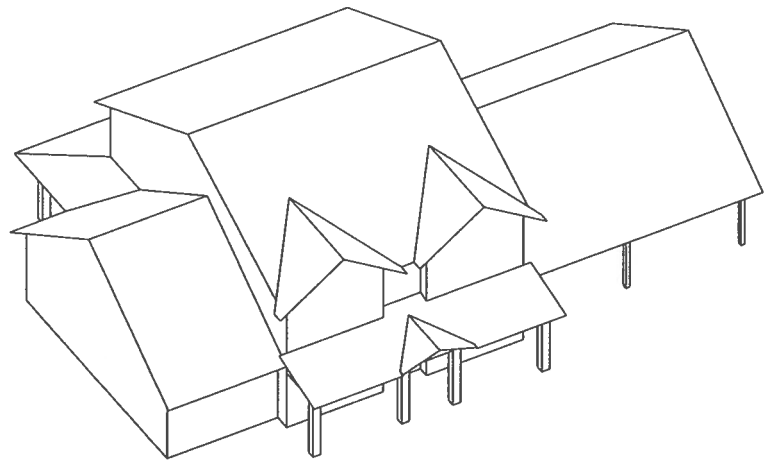
General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length (± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and / or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

8/12 - 6/12 - 3/12 PITCH
2'0" O/H
HEEL ADJUSTED TO MATCH SOFFIT





ALL FLAT CLGS.

BEARING HEIGHT SCHEDULE

	9'-1 1/8"
	18'-7"

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
2.) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V105 FOR ALTERNATE BRACING REQUIREMENTS.
3.) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
4.) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
5.) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
6.) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
7.) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.
8.) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

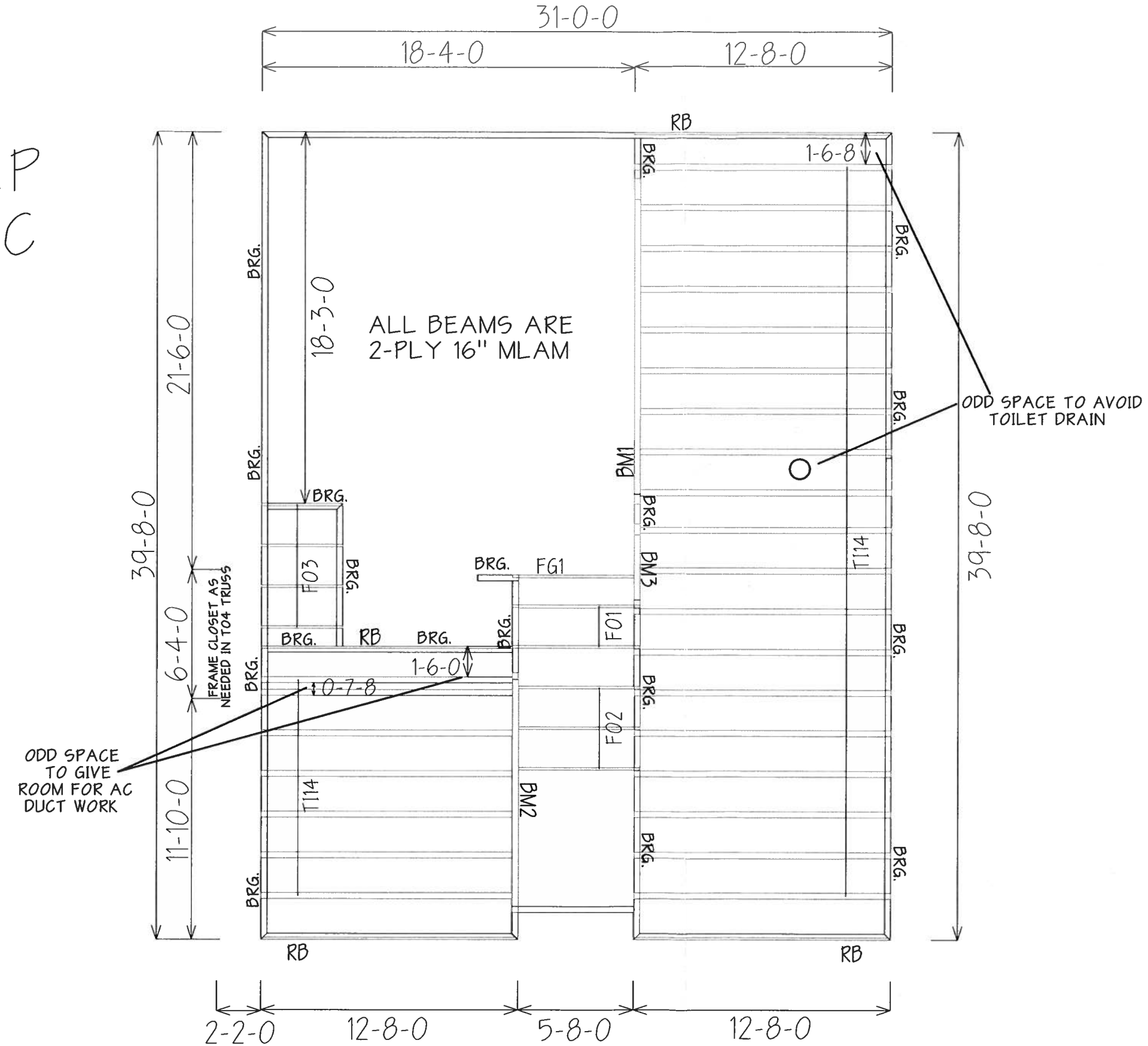
Requested Delivery Date: _____

Approved By: _____ Date: _____

Builders FirstSource
Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994
Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973
Lake City
PHONE: 904-755-6894 FAX: 904-755-7973
Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: BRYAN ZECHER
LEGAL ADDRESS: SCHREIBER RES.
MODEL: CUSTOM
REVISION:
SCALE: NTS
DATE: 4-4-06
DRAWN BY: K.L.H.
JOB #: L157934

16" DEEP
24" O/C



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JOB #:	L157934F