Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0711-45 Date Received 11/19/07 By G Permit # 1482 / 24466

Application Approved by - Zoning Official BLK Date 29.11.07 Plans Examiner OK JJH Date 11-27-07

Flood Zone X Plat plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den.

Comments Plat Requires MFE of 98.5 ft, Elevation Confirmation Letter Required

Applicants Name Trent Gibbs Const Inc Phone 397-0545

Address 697 SE Holly Terrace Lake City FL

Owners Name LSJ Properties Inc Phone 752-2874

911 Address 225 SW Arrowbend Drive Lake City FL 32025

Contractors Name Trent Gibbs [redacted] Phone 397-0545

Address 697 SE Holly Terrace

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Freman Design Group

Mortgage Lenders Name & Address

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

Property ID Number 24-45-16-03114-122 Estimated Cost of Construction 90,000

Subdivision Name Cannon Creek Place Lot 22 Block ____ Unit ____ Phase ____

Driving Directions Sisters Welcome South left on Kicklighter Right on Gerald Conner Drive left on SW Arrowbend Drive house on corner of SW Haver Hill Glen

Type of Construction frame SFD Number of Existing Dwellings on Property -0-

Total Acreage ____ Lot Size .51 Do you need a (Culvert Permit) or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 40 Side 70 Side 53 Rear 37

Total Building Height 16'4" Number of Stories 1 Heated Floor Area 1344 TOTAL 1,984 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 RR0282811523

Competency Card Number 000141

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 19th day of November 2007.

Personally known X or Produced Identification ____

Notary Signature

ELAINE K. TOLAR
MY COMMISSION # DD 436381
EXPIRES: October 2, 2009
Bonded Thru Notary Public Underwriters

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001482

DATE 11/30/2007 PARCEL ID # 24-4S-16-03114-122

APPLICANT TRENT GIEBEIG PHONE 397-0545

ADDRESS 697 SE HOLLY TERR LAKE CITY FL 32055

OWNER LSJ PROPERTIES PHONE 752-2874

ADDRESS 225 SW ARROWHEAD DRIVE LAKE CITY FL 32025

CONTRACTOR TRENT GIEBEIG PHONE 397-0545

LOCATION OF PROPERTY 341 S. L KICKLIGHTER, R GERALD CONNER DR, L ARROWHEAD DR,

ON THE CORNER OF SW HAVER HILL GLN & ARROWHEEAD DR

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CANNON CREEK PLACE 22

SIGNATURE Trent Giebeig

INSTALLATION REQUIREMENTS

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

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

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

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

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

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

Amount Paid 25.00

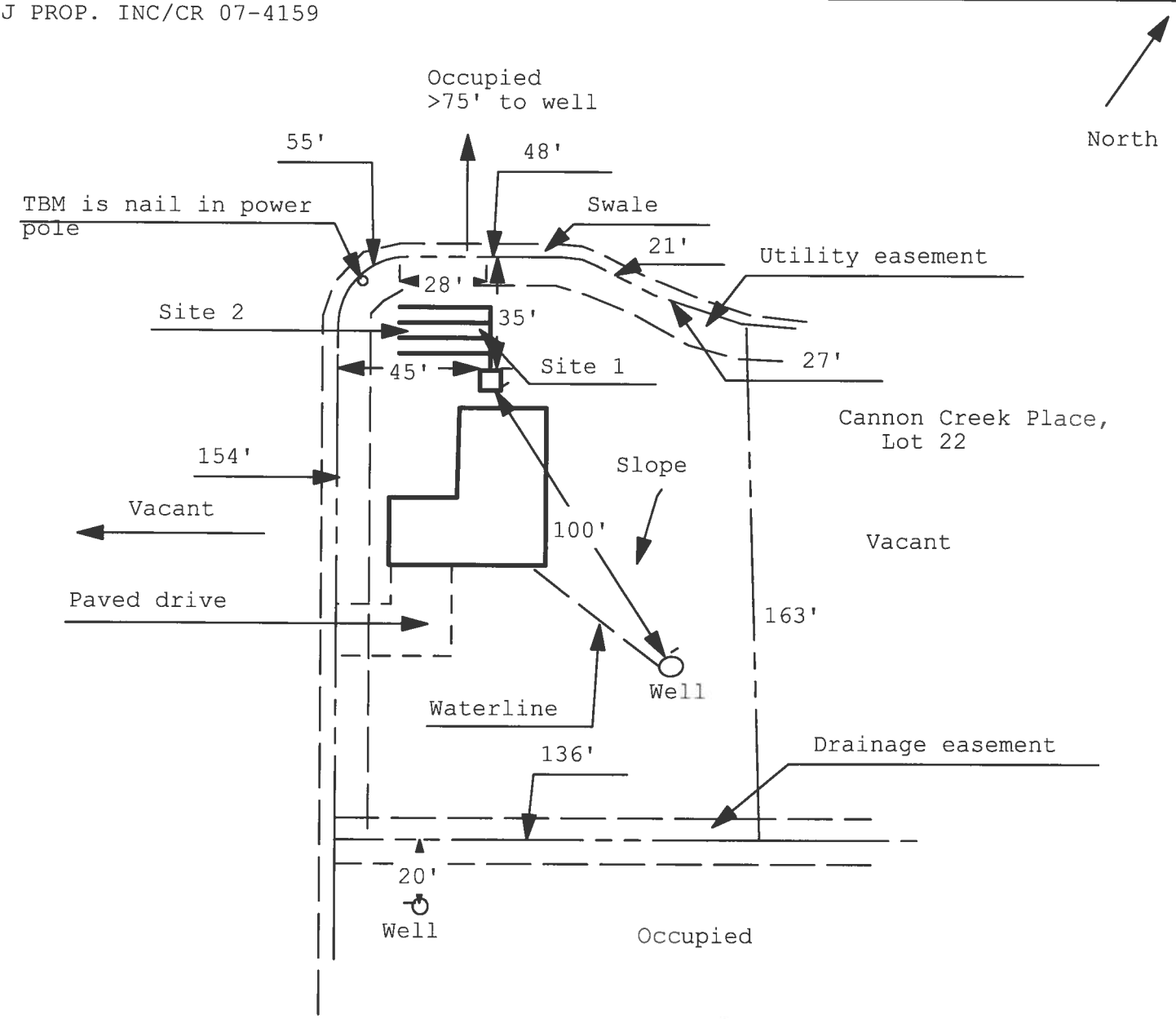
COLUMBIA COUNTY FLORIDA

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 07-0873

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

LSJ PROP. INC/CR 07-4159



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd **Date** 11/8/07

Plan Approved ✓ **Not Approved** ____ **Date** 11/14/07

By Mr O'Z Columbia **CPHU**

Notes: _____

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Cannon Creek-Lot#22**	Builder:	**T. Geibeig**
Address:	**SW Arrowbend Drive**	Permitting Office:	Columbia County
City, State:	**Lake City, Fl**	Permit Number:	26466
Owner:		Jurisdiction Number:	221500
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit/Split	Cap: 32.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1344 ft²	13. Heating systems	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		a. Electric Heat Pump/Split	Cap: 32.0 kBtu/hr
a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 148.0 ft²		HSPF: 8.50
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 148.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 200.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 20.0 gallons
c. N/A			EF: 0.94
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1141.4 ft²	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
b. N/A		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1344.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 56.0 ft		
b. N/A			

Glass/Floor Area: 0.11

Total as-built points: 16907

Total base points: 20404

PASS

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

PREPARED BY: Debbie Mates

DATE: 11/5/07

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

OWNER/AGENT: _____

DATE: _____

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

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

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: **SW Arrowbend Drive, Lake City, 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	1344.0	18.59	4497.0	1.Double, Clear	W	1.0	6.0	15.0	38.52	0.97	560.0	
				2.Double, Clear	W	1.0	6.0	60.0	38.52	0.97	2242.0	
				3.Double, Clear	E	1.0	6.0	40.0	42.06	0.97	1631.0	
				4.Double, Clear	E	6.0	6.0	4.0	42.06	0.52	87.0	
				5.Double, Clear	E	1.0	6.0	24.0	42.06	0.97	978.0	
				6.Double, Clear	N	1.0	6.0	5.0	19.20	0.98	93.0	
				As-Built Total:				**148.0**			**5591.0**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	1141.4	1.50		1712.1	
Exterior	1141.4	1.70	1940.4									
Base Total:	**1141.4**		**1940.4**	**As-Built Total:**				**1141.4**			**1712.1**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				15.0	4.10		61.5	
Exterior	54.6	6.10	333.1	2.Exterior Insulated				39.6	4.10		162.4	
Base Total:	**54.6**		**333.1**	**As-Built Total:**				**54.6**			**223.9**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1344.0	1.73	2325.1	1. Under Attic			30.0	1344.0	1.73 X 1.00		2325.1	
Base Total:	**1344.0**		**2325.1**	**As-Built Total:**				**1344.0**			**2325.1**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	200.0(p)	-37.0	-7400.0	1. Slab-On-Grade Edge Insulation			0.0	200.0(p	-41.20		-8240.0	
Raised	0.0	0.00	0.0									
Base Total:			**-7400.0**	**As-Built Total:**				**200.0**			**-8240.0**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1344.0	10.21	13722.2					1344.0	10.21		13722.2	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **SW Arrowbend Drive, Lake City, Fl,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 15417.8			**Summer As-Built Points:**					**15334.3**
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 32000btuh ,SEER/EFF(13.0) Ducts:Con(S),Con(R),Int(AH),R6.0(INS)					
			15334	1.00	(1.00 x 1.147 x 0.91)	0.260	0.902	3755.7
15417.8	**0.3250**	**5010.8**	**15334.3**	**1.00**	**1.044**	**0.260**	**0.902**	**3755.7**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **SW Arrowbend Drive, Lake City, 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	1344.0	20.17	4880.0	1.Double, Clear	W	1.0	6.0	15.0	20.73	1.01	313.0	
				2.Double, Clear	W	1.0	6.0	60.0	20.73	1.01	1253.0	
				3.Double, Clear	E	1.0	6.0	40.0	18.79	1.02	763.0	
				4.Double, Clear	E	6.0	6.0	4.0	18.79	1.29	96.0	
				5.Double, Clear	E	1.0	6.0	24.0	18.79	1.02	458.0	
				6.Double, Clear	N	1.0	6.0	5.0	24.58	1.00	122.0	
				As-Built Total:				**148.0**			**3005.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	1141.4	3.40		3880.8	
Exterior	1141.4	3.70	4223.2									
Base Total:	**1141.4**		**4223.2**	**As-Built Total:**				**1141.4**			**3880.8**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				15.0	8.40		126.0	
Exterior	54.6	12.30	671.6	2.Exterior Insulated				39.6	8.40		332.6	
Base Total:	**54.6**		**671.6**	**As-Built Total:**				**54.6**			**458.6**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	1344.0	2.05	2755.2	1. Under Attic			30.0	1344.0	2.05 X	1.00	2755.2	
Base Total:	**1344.0**		**2755.2**	**As-Built Total:**				**1344.0**			**2755.2**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	200.0(p)	8.9	1780.0	1. Slab-On-Grade Edge Insulation			0.0	200.0(p	18.80		3760.0	
Raised	0.0	0.00	0.0									
Base Total:			**1780.0**	**As-Built Total:**				**200.0**			**3760.0**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	1344.0	-0.59	-793.0					1344.0	-0.59		-793.0	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **SW Arrowbend Drive, Lake City, Fl,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**13517.0**	**Winter As-Built Points:**					**13066.6**
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 32000 btuh ,EFF(8.5) Ducts:Con(S),Con(R),Int(AH),R6.0					
			13066.6	1.000	(1.000 x 1.169 x 0.93)	0.401	0.950	5414.0
13517.0	**0.5540**	**7488.4**	**13066.6**	**1.00**	**1.087**	**0.401**	**0.950**	**5414.0**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **SW Arrowbend Drive, Lake City, 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	
3		2635.00	7905.0	20.0	0.94	3	1.00	2578.94	1.00	7736.8	
				As-Built Total:						**7736.8**	

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points		Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	
5011	**7488**	**7905**	**20404**		**3756**	**5414**	**7737**	**16907**	

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.6

The higher the score, the more efficient the home.

, SW Arrowbend Drive, Lake City, Fl,

1.	New construction or existing	New		12.	Cooling systems
2.	Single family or multi-family	Single family		a.	Central Unit/Split — Cap: 32.0 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 13.00
4.	Number of Bedrooms	3		b.	N/A
5.	Is this a worst case?	Yes			
6.	Conditioned floor area (ft²)	1344 ft²		c.	N/A
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 148.0 ft²		13.	Heating systems
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 148.0 ft²		a.	Electric Heat Pump/Split — Cap: 32.0 kBtu/hr
8.	Floor types				HSPF: 8.50
a.	Slab-On-Grade Edge Insulation	R=0.0, 200.0(p) ft		b.	N/A
b.	N/A			c.	N/A
c.	N/A			14.	Hot water systems
9.	Wall types			a.	Electric Resistance — Cap: 20.0 gallons
a.	Frame, Wood, Exterior	R=13.0, 1141.4 ft²			EF: 0.94
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 — PT, CF,
a.	Under Attic	R=30.0, 1344.0 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: Con. Ret: Con. AH: Interior	Sup. R=6.0, 56.0 ft			
b.	N/A				

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

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

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

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

BUILDING INPUT SUMMARY REPORT

PROJECT

Title:	Cannon Creek-Lot#22	**Family Type:**	Single	**Address Type:**	Street Address
Owner:	(blank)	**New/Existing:**	New	**Lot #:**	N/A
# of Units:	1	**Bedrooms:**	3	**Subdivision:**	N/A
Builder Name:	T. Geibeig	**Conditioned Area:**	1344	**Platbook:**	N/A
Climate:	North	**Total Stories:**	1	**Street:**	SW Arrowbend Drive
Permit Office:	(blank)	**Worst Case:**	Yes	**County:**	Columbia
Jurisdiction #:	(blank)	**Rotate Angle:**	270	**City, St, Zip:**	Lake City, Fl,

FLOORS

#	Floor Type	R-Val	Area/Perimeter	Units
1	Slab-On-Grade Edge Insulation	0.0	200.0(p) ft	1

DOORS

#	Door Type	Orientation	Area	Units
1	Insulated	Exterior	15.0 ft²	1
2	Insulated	Exterior	39.6 ft²	1

CEILINGS

#	Ceiling Type	R-Val	Area	Base Area	Units
1	Under Attic	30.0	1344.0 ft²	1344.0 ft²	1

Credit Multipliers: None

COOLING

#	System Type	Efficiency	Capacity
1	Central Unit/Split	SEER: 13.00	32.0 kBtu/hr

Credit Multipliers: Ceil Fn, PT

WALLS

#	Wall Type	Location	R-Val	Area	Units
1	Frame - Wood	Exterior	13.0	1141.4 ft²	1

HEATING

#	System Type	Efficiency	Capacity
1	Electric Heat Pump/Split	HSPF: 8.50	32.0 kBtu/hr

Credit Multipliers: PT

WINDOWS

#	Panes	Tint	Ornt	Area	OH Length	OH Hght	Units
1	Double	Clear	N	15.0 ft²	1.0 ft	6.0 ft	1
2	Double	Clear	N	30.0 ft²	1.0 ft	6.0 ft	2
3	Double	Clear	S	20.0 ft²	1.0 ft	6.0 ft	2
4	Double	Clear	S	4.0 ft²	6.0 ft	6.0 ft	1
5	Double	Clear	S	24.0 ft²	1.0 ft	6.0 ft	1
6	Double	Clear	E	5.0 ft²	1.0 ft	6.0 ft	1

DUCTS

#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
1	Cond.	Cond.	Interior	6.0	56.0 ft

Credit Multipliers: None

WATER

#	System Type	EF	Cap.	Conservation Type	Con. EF
1	Electric Resistance	0.94	20.0	None	0.00

REFR.

#	Use Default?	Annual Operating Cost	Electric Rate
1	Yes	N/A	N/A

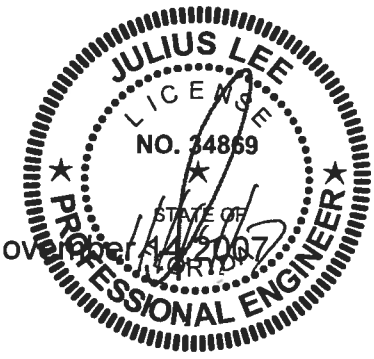
MISC

Rater Name:	CodeOnlyPro	**Class #:**	3	**Pool Size:**	0
Rater Certification #:	CodeOnlyPro	**Duct Leakage Type:**	N/A	**Pump Size:**	0.00 hp
Area Under Fluorescent:	0.0	**Visible Duct Disconnects:**	N/A	**Dryer Type:**	Electric
Area Under Incandescent:	1344.0	**Leak Free Duct System Proposed:**	No	**Stove Type:**	Electric
NOTE: Not all Rating info shown		**HRV/ERV System Present?:**	No	**Avg Ceil Hgt:**	

Builders FirstSource

Project Information for: L260930

Builder: GIEBEIG HOMES
Lot : 22
Subdivision: CANNON CREEK PLACE
County: COLUMBIA
Truss Count: 25
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002



November 14,2007

Truss Design Load Information:

Gravity: **Wind:**

Roof (psf): 42.0 Wind Standard: ASCE 7-02 Wind Exposure: B
Floor (psf): N/A Wind Speed (mph): 110

Note: See the individual truss drawings for special loading conditions.

Contractor of Record, responsible for structural engineering:

Brian T. Giebeig Florida Registered Residential Contractor License No. RR282811523
Address: Trent Giebeig Construction, Inc. 462 Southwest Fairlington Court Lake City, Florida 32025

Truss Design Engineer: Julius Lee, PE Florida P.E. License No. 34869
Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-2002 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. The Truss Design Engineer's responsibility relative to this structure consists solely of the design of the individual truss components and does not include the design of any additional structural elements including but not limited to continuous lateral bracing elelments in the web and chord planes. See Florida Administrative Code 61G15-31.003 sections 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

No.	Drwg. #	Truss ID	Date
1	J1909904	CJ1	11/14/07
2	J1909905	CJ3	11/14/07
3	J1909906	CJ5	11/14/07
4	J1909907	EJ7	11/14/07
5	J1909908	HJ9	11/14/07
6	J1909909	T01	11/14/07
7	J1909910	T01G	11/14/07
8	J1909911	T02	11/14/07
9	J1909912	T02G	11/14/07
10	J1909913	T04	11/14/07
11	J1909914	T05	11/14/07
12	J1909915	T06	11/14/07
13	J1909916	T07	11/14/07
14	J1909917	T08	11/14/07
15	J1909918	T09	11/14/07
16	J1909919	T10	11/14/07
17	J1909920	T11	11/14/07
18	J1909921	T12	11/14/07
19	J1909922	T13	11/14/07
20	J1909923	T14	11/14/07
21	J1909924	T15	11/14/07
22	J1909925	T16	11/14/07
23	J1909926	T17	11/14/07
24	J1909927	T18	11/14/07
25	J1909928	T19	11/14/07

Builders FirstSource

Project Information for: L260930

Builder: GIEBEIG HOMES
Lot : 22
Subdivision: CANNON CREEK PLACE
County: COLUMBIA
Truss Count: 25
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

November 14,2007

Truss Design Load Information:

Gravity:	**Wind:**	
Roof (psf): 42.0	Wind Standard: ASCE 7-02	Wind Exposure: B
Floor (psf): N/A	Wind Speed (mph): 110	

Note: See the individual truss drawings for special loading conditions.

Contractor of Record, responsible for structural engineering:

Brian T. Giebeig Florida Registered Residential Contractor License No. RR282811523
Address: Trent Giebeig Construction, Inc. 462 Southwest Fairlington Court Lake City, Florida 32025

Truss Design Engineer: Julius Lee, PE Florida P.E. License No. 34869
Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

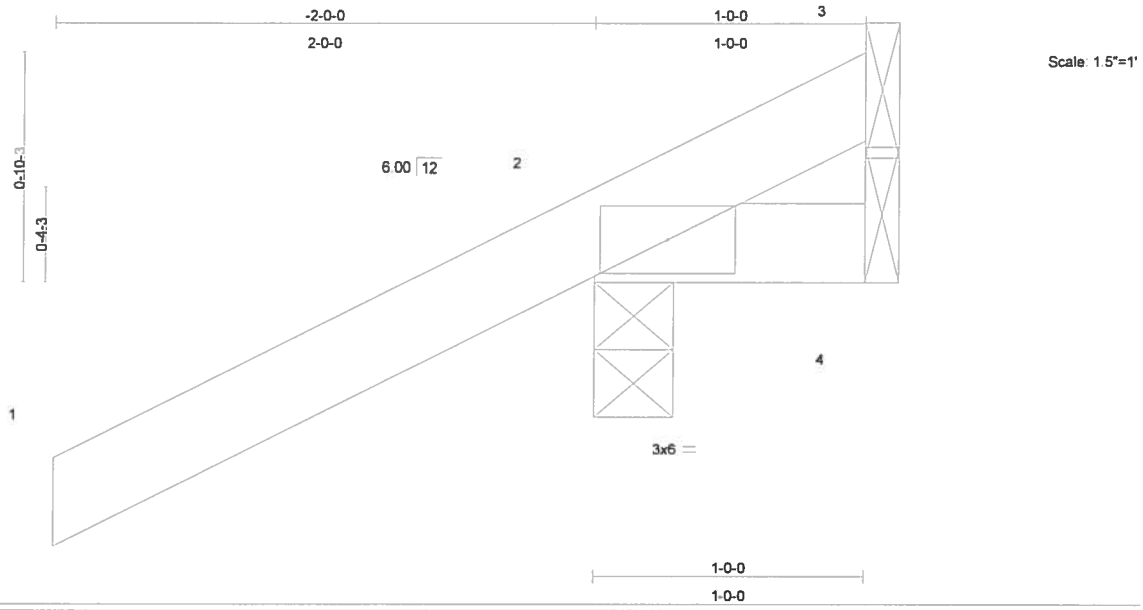
Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-2002 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. The Truss Design Engineer's responsibility relative to this structure consists solely of the design of the individual truss components and does not include the design of any additional structural elements including but not limited to continuous lateral bracing elelments in the web and chord planes. See Florida Administrative Code 61G15-31.003 sections 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

No.	Drwg. #	Truss ID	Date
1	J1909904	CJ1	11/14/07
2	J1909905	CJ3	11/14/07
3	J1909906	CJ5	11/14/07
4	J1909907	EJ7	11/14/07
5	J1909908	HJ9	11/14/07
6	J1909909	T01	11/14/07
7	J1909910	T01G	11/14/07
8	J1909911	T02	11/14/07
9	J1909912	T02G	11/14/07
10	J1909913	T04	11/14/07
11	J1909914	T05	11/14/07
12	J1909915	T06	11/14/07
13	J1909916	T07	11/14/07
14	J1909917	T08	11/14/07
15	J1909918	T09	11/14/07
16	J1909919	T10	11/14/07
17	J1909920	T11	11/14/07
18	J1909921	T12	11/14/07
19	J1909922	T13	11/14/07
20	J1909923	T14	11/14/07
21	J1909924	T15	11/14/07
22	J1909925	T16	11/14/07
23	J1909926	T17	11/14/07
24	J1909927	T18	11/14/07
25	J1909928	T19	11/14/07

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
L260930	CJ1	MONO TRUSS	10	1	J1909904 Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:01:56 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
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: 7 lb	

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

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

REACTIONS (lb/size) 2=256/0-3-8, 4=5/Mechanical, 3=-90/Mechanical
Max Horz 2=87(load case 6)
Max Uplift 2=-286(load case 6), 4=-9(load case 4), 3=-90(load case 1)
Max Grav 2=256(load case 1), 4=14(load case 2), 3=127(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-69/75
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.14

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 286 lb uplift at joint 2, 9 lb uplift at joint 4 and 90 lb uplift at joint 3.

Continued on page 2

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November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909904
L260930	CJ1	MONO TRUSS	10	1	Job Reference (optional)

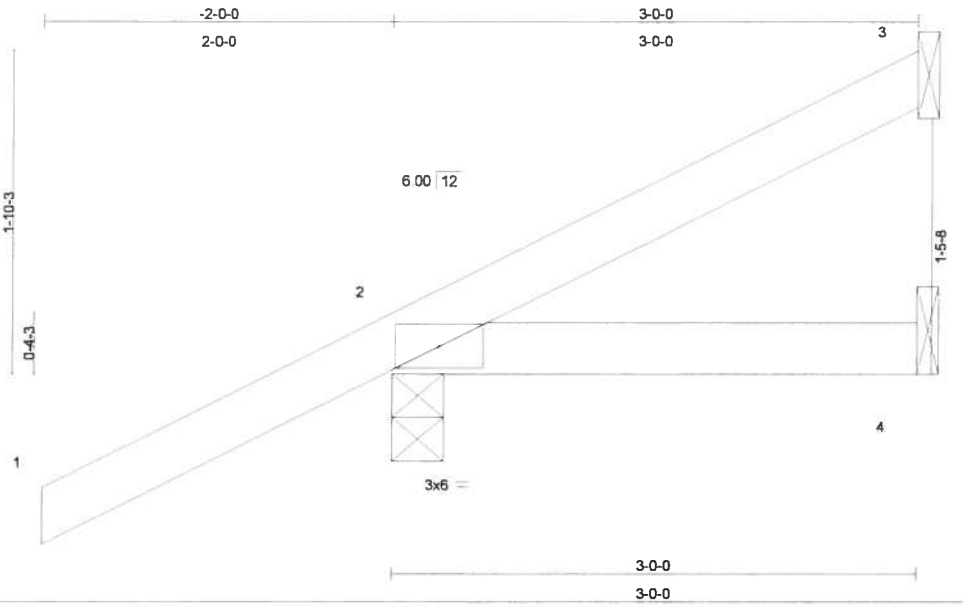
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 49810
1326 General Hay Drive
Lawton Beach, FL 33547

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909905
L260930	CJ3	MONO TRUSS	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:01:57 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	240		
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: 13 lb	

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

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

REACTIONS (lb/size) 3=31/Mechanical, 2=250/0-3-8, 4=14/Mechanical
Max Horz 2=132(load case 6)
Max Uplift 3=-28(load case 7), 2=-238(load case 6), 4=-27(load case 4)
Max Grav 3=31(load case 1), 2=250(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-57/7
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.13

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4.

Continued on page 2

Julius Lee
Truss Design Engineer
For this truss only, not for
the overall building design.
Mount Dora, FL 32757

November 14,2007

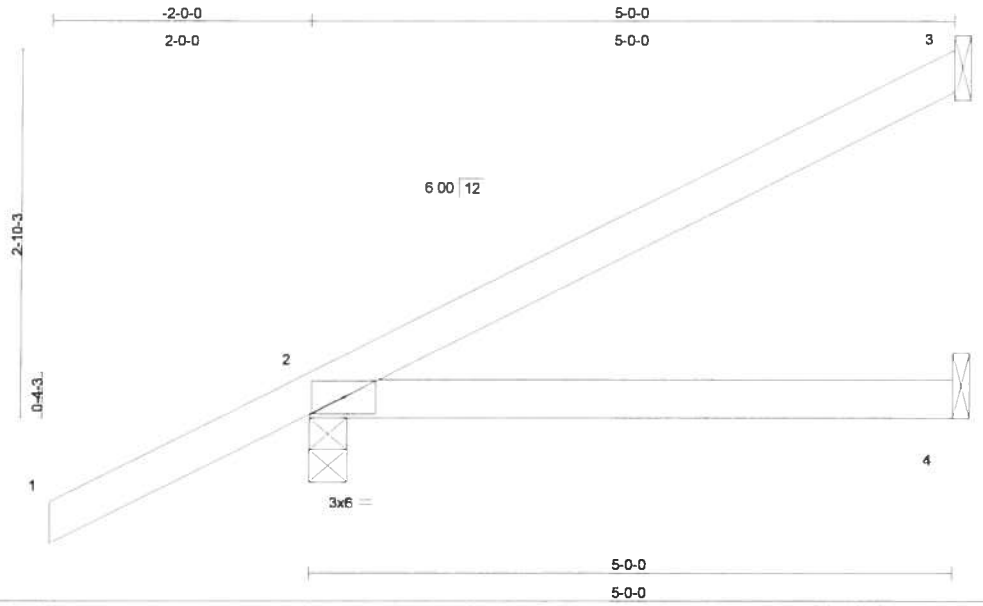
Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909905
L260930	CJ3	MONO TRUSS	10	1	Job Reference (optional)

LOAD CASE(S) Standard

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909906
L260930	CJ5	MONO TRUSS	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:01:57 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.09	2-4	>663	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.05	2-4	>999	240		
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: 19 lb	

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

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

REACTIONS (lb/size) 3=103/Mechanical, 2=295/0-3-8, 4=24/Mechanical
Max Horz 2=178(load case 6)
Max Uplift 3=-87(load case 6), 2=-260(load case 6), 4=-46(load case 4)
Max Grav 3=103(load case 1), 2=295(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-88/36
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.14

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 87 lb uplift at joint 3, 260 lb uplift at joint 2 and 46 lb uplift at joint 4.

Continued on page 2

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November 14,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909906
L260930	CJ5	MONO TRUSS	10	1	Job Reference (optional)

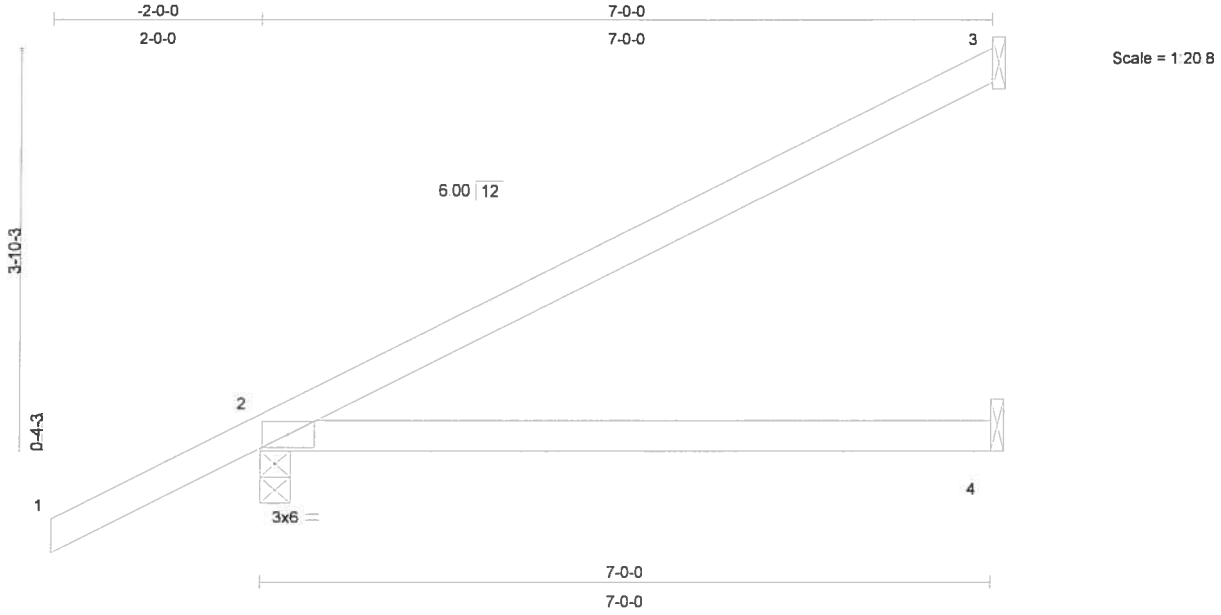
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida Cert. No. 38468
1106 Coastal Ray Blvd
Cocoa Beach, FL 32931

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP	J1909907
L260930	EJ7	MONO TRUSS	16	1	Job Reference (optional)	

Builders FirstSource, Lake City, Fl 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 14 15:11:50 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.33	2-4	>250	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.16	2-4	>501	240		
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: 26 lb	

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

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

REACTIONS (lb/size) 3=154/Mechanical, 2=352/0-3-8, 4=45/Mechanical
Max Horz 2=161(load case 6)
Max Uplift 3=-94(load case 6), 2=-224(load case 6), 4=-65(load case 5)
Max Grav 3=154(load case 1), 2=352(load case 1), 4=94(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-131/54
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.58

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.

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November 14,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909907
L260930	EJ7	MONO TRUSS	16	1	Job Reference (optional)

NOTES

2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 3, 224 lb uplift at joint 2 and 65 lb uplift at joint 4.

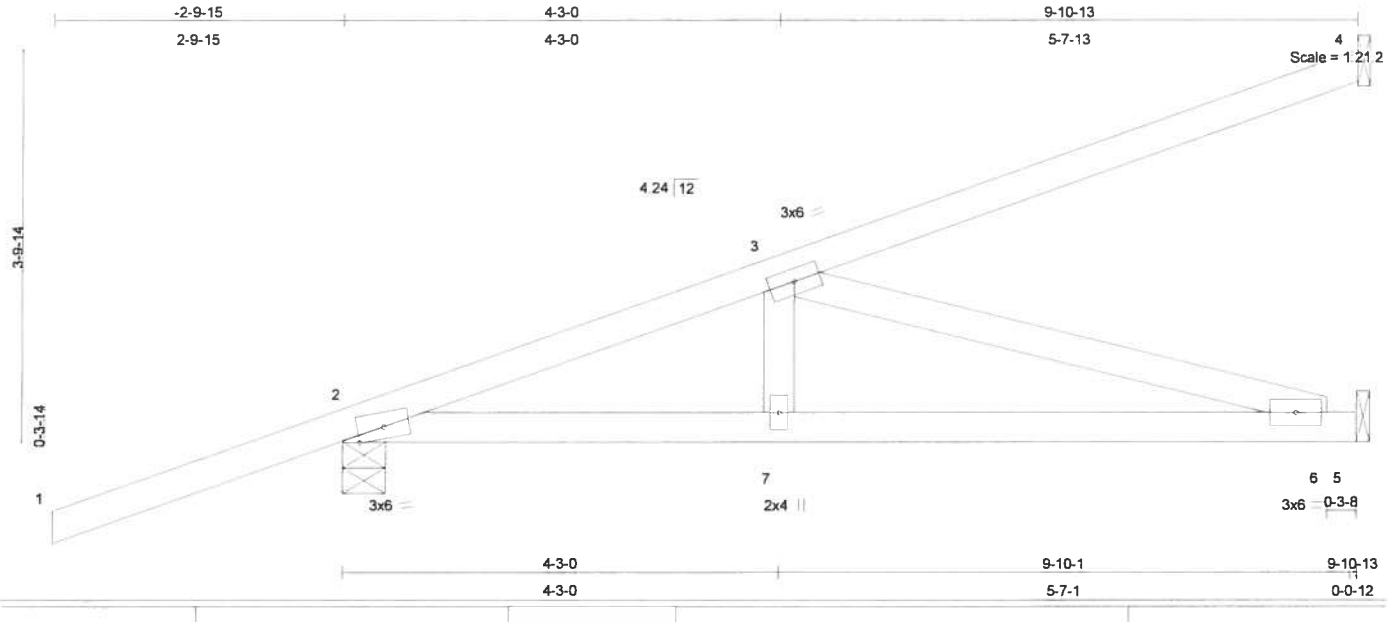
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 39810
1326 Commercial Way Blvd
Jacksonville Beach, FL 32250

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
L260930	HJ9	MONO TRUSS	5	1	J1909908
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:01:58 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.60	Vert(LL)	0.09	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.11	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.36	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 45 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 7-11-7 oc bracing.

REACTIONS (lb/size) 4=267/Mechanical, 2=453/0-4-15, 5=220/Mechanical
Max Horz 2=269(load case 3)
Max Uplift 4=-233(load case 3), 2=-399(load case 3), 5=-183(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/50, 2-3=-650/365, 3-4=-105/65
BOT CHORD 2-7=-538/603, 6-7=-538/603, 5-6=0/0
WEBS 3-7=-89/186, 3-6=-627/559

JOINT STRESS INDEX
2 = 0.76, 3 = 0.22, 6 = 0.17 and 7 = 0.13

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 233 lb uplift at joint 4, 399 lb uplift at joint 2 and 183 lb uplift at joint 5.

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November 14,2007

Continued on page 2

NOTES

5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

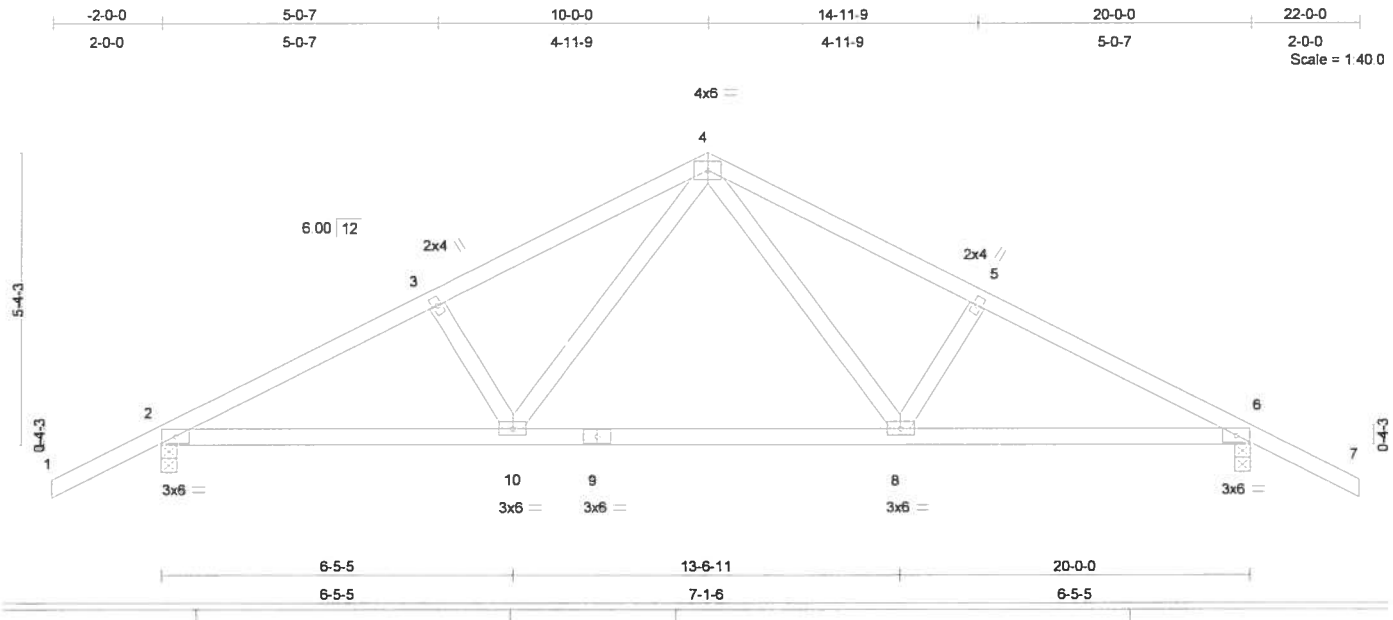
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54
   Trapezoidal Loads (plf)
   Vert: 2=-3(F=26, B=26)-to-4=-134(F=-40, B=-40), 2=-0(F=5, B=5)-to-5=-25(F=-7, B=-7)

Julius Lee
Truss Design Engineer
Florida FID No. 24802
1326 Commerce Way Blvd
Lawton Beach, FL 33545

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909909
L260930	T01	COMMON	6	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:01:59 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	0.24	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	-0.37	8-10	>646	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.21	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 96 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-10-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-0-12 oc bracing.

REACTIONS (lb/size) 2=960/0-3-8, 6=960/0-3-8
Max Horz 2=-95(load case 7)
Max Uplift 2=-292(load case 6), 6=-292(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1581/841, 3-4=-1449/848, 4-5=-1449/848, 5-6=-1581/841, 6-7=0/47
BOT CHORD 2-10=-584/1341, 9-10=-303/912, 8-9=-303/912, 6-8=-584/1341
WEBS 3-10=-202/195, 4-10=-315/598, 4-8=-315/598, 5-8=-202/195

JOINT STRESS INDEX
2 = 0.69, 3 = 0.33, 4 = 0.57, 5 = 0.33, 6 = 0.69, 8 = 0.42, 9 = 0.52 and 10 = 0.42

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 292 lb uplift at joint 2 and 292 lb uplift at joint 6.

Continued on page 2

November 14,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909909
L260930	T01	COMMON	6	1	Job Reference (optional)

NOTES

6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-7=-54, 2-10=-10, 8-10=-70(F=-60), 6-8=-10

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909910
L260930	T01G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:01 2007 Page 1

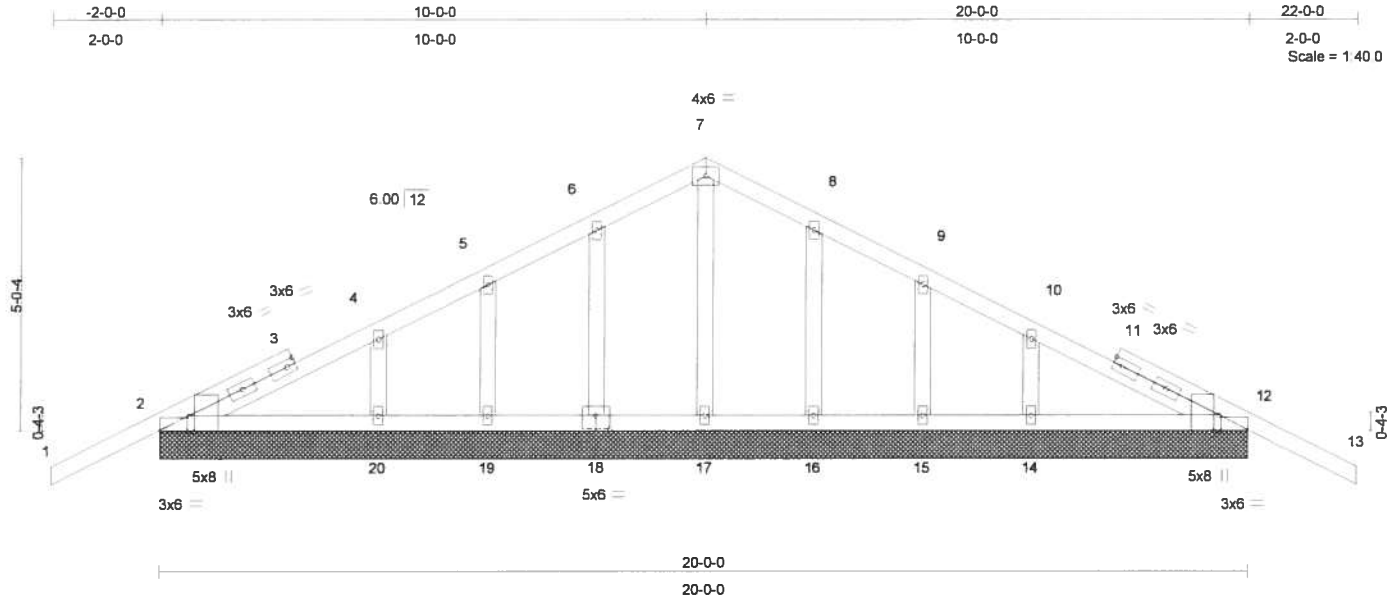


Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-8,Edge], [12:0-3-8,Edge], [12:0-0-8,Edge], [18:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.03	13	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.06	13	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.09	Horz(TL)	0.00	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 105 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 6-0-0 oc bracing.

REACTIONS (lb/size) 2=507/20-0-0, 12=507/20-0-0, 17=250/20-0-0, 18=259/20-0-0, 19=210/20-0-0, 20=367/20-0-0, 16=259/20-0-0, 15=210/20-0-0, 14=367/20-0-0
Max Horz 2=104(load case 6)
Max Uplift 2=-253(load case 6), 12=-270(load case 7), 18=-117(load case 6), 19=-119(load case 6), 20=-135(load case 6), 16=-116(load case 7), 15=-119(load case 7), 14=-139(load case 7)
Max Grav 2=507(load case 10), 12=507(load case 11), 17=250(load case 1), 18=263(load case 10), 19=210(load case 1), 20=368(load case 10), 16=263(load case 11), 15=210(load case 1), 14=368(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-22/99, 2-3=-87/43, 3-4=-67/96, 4-5=-54/92, 5-6=-40/137, 6-7=-46/192, 7-8=-46/192, 8-9=-40/137, 9-10=-54/85, 10-11=-24/96, 11-12=-87/24, 12-13=-22/99
BOT CHORD 2-20=-9/129, 19-20=-9/129, 18-19=-9/129, 17-18=-9/129, 16-17=-9/129, 15-16=-9/129, 14-15=-9/129, 12-14=-9/129
WEBS 7-17=-231/7, 6-18=-241/175, 5-19=-196/169, 4-20=-333/225, 8-16=-241/175, 9-15=-196/169, 10-14=-333/225

[illegible]

November 14,2007

Continued on page 2

JOINT STRESS INDEX

2 = 0.63, 2 = 0.18, 3 = 0.00, 3 = 0.39, 3 = 0.40, 4 = 0.33, 5 = 0.33, 6 = 0.33, 7 = 0.24, 8 = 0.33, 9 = 0.33, 10 = 0.33, 11 = 0.00, 11 = 0.40, 11 = 0.39, 12 = 0.63, 12 = 0.18, 14 = 0.33, 15 = 0.33, 16 = 0.33, 17 = 0.33, 18 = 0.19, 19 = 0.33 and 20 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) 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 253 lb uplift at joint 2, 270 lb uplift at joint 12, 117 lb uplift at joint 18, 119 lb uplift at joint 19, 135 lb uplift at joint 20, 116 lb uplift at joint 16, 119 lb uplift at joint 15 and 139 lb uplift at joint 14.
10) 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: 1-7=-114(F=-60), 7-13=-114(F=-60), 2-12=-10

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Niceville, FL 32578

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909911
L260930	T02	COMMON	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:02 2007 Page 1

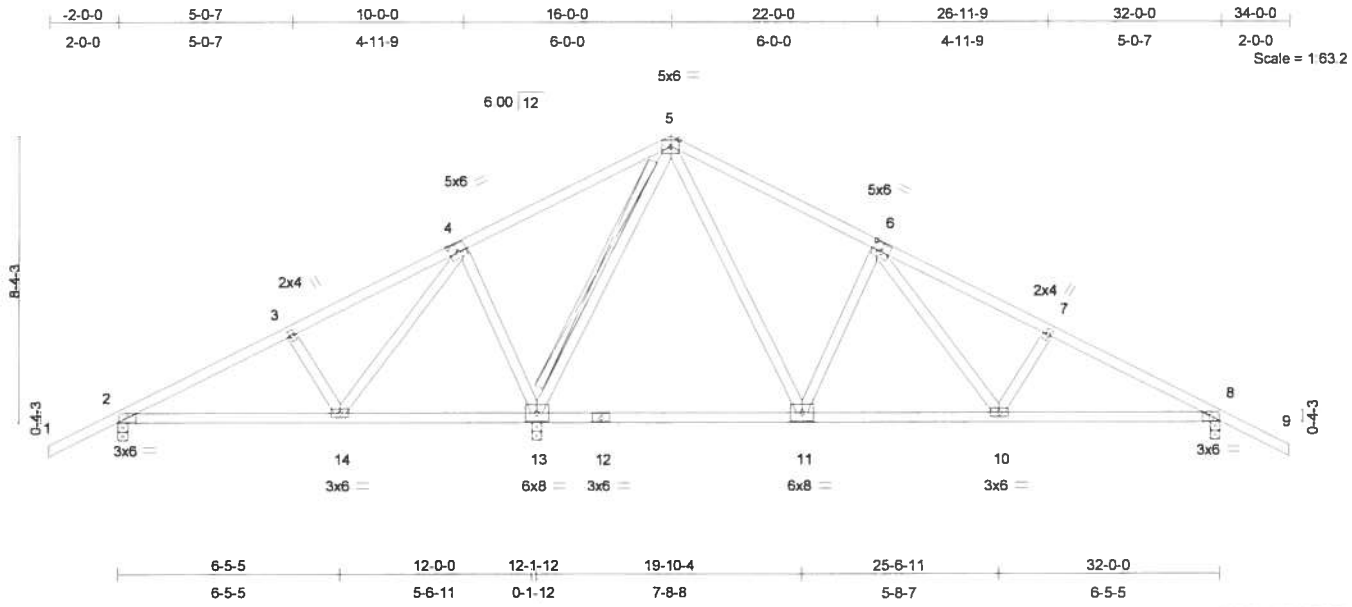

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [6:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	0.21	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.18	10-11	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	1.00	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 175 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-13
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=291/0-3-8, 13=1510/0-3-8, 8=803/0-3-8
Max Horz 2=130(load case 6)
Max Uplift 2=-241(load case 6), 13=-619(load case 6), 8=-329(load case 7)
Max Grav 2=350(load case 10), 13=1510(load case 1), 8=816(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-218/199, 3-4=-84/235, 4-5=-273/563, 5-6=-576/516, 6-7=-1113/856, 7-8=-1245/849, 8-9=0/47
BOT CHORD 2-14=-160/139, 13-14=-286/429, 12-13=0/264, 11-12=0/264, 10-11=-236/655, 8-10=-589/1045
WEBS 3-14=-230/235, 4-14=-572/318, 4-13=-435/549, 5-13=-1184/879, 5-11=-708/821, 6-11=-529/494, 6-10=-447/513, 7-10=-198/189

[illegible]

JOINT STRESS INDEX
2 = 0.62, 3 = 0.33, 4 = 0.59, 5 = 0.63, 6 = 0.59, 7 = 0.33, 8 = 0.62, 10 = 0.42, 11 = 0.27, 12 = 0.26, 13 = 0.27 and 14 = 0.42

Continued on page 2

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909911
L260930	T02	COMMON	2	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 241 lb uplift at joint 2, 619 lb uplift at joint 13 and 329 lb uplift at joint 8.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-9=-54, 2-11=-10, 10-11=-70(F=-60), 8-10=-10

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909912
L260930	T02G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:03 2007 Page 1

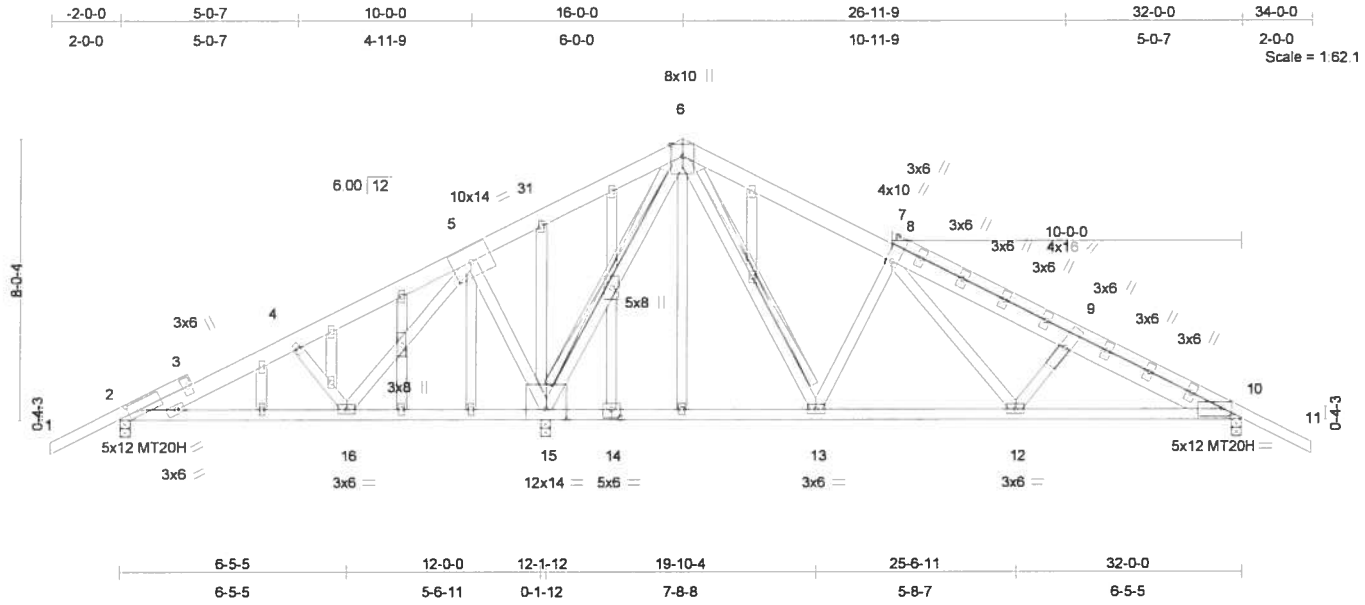

Plate Offsets (X,Y): [2:0-3-12,0-3-0], [8:0-8-8,0-2-0], [10:0-3-4,0-2-12], [14:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	0.22	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.19	12-13	>999	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.86	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 263 lb	

LUMBER

TOP CHORD	2 X 6 SYP No.1D *Except* 1-3 2 X 4 SYP No.2, 7-11 2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2
WEBS	2 X 4 SYP No.3
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 6-15, 6-13 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance. Brace must cover 90% of web length.

REACTIONS (lb/size) 2=711/0-3-8, 10=958/0-3-8, 15=2624/0-3-8
Max Horz 2=-144(load case 7)
Max Uplift 2=-597(load case 6), 10=-583(load case 7), 15=-1633(load case 6)
Max Grav 2=753(load case 10), 10=977(load case 11), 15=2624(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-60/100, 2-3=-573/678, 3-4=-494/636, 4-5=-279/458, 5-31=-493/596, 6-31=-718/920, 6-7=-1017/1005, 7-8=-258/220, 8-9=-1462/1273, 9-10=-1597/1263, 10-11=0/47
BOT CHORD	2-16=-450/442, 15-16=-287/439, 14-15=-6/281, 13-14=-6/281, 12-13=-725/1069, 10-12=-955/1361
WEBS	4-16=-487/565, 5-16=-898/565, 5-15=-879/1109, 6-15=-1997/1918, 6-13=-997/1064, 8-13=-766/782, 8-12=-333/413, 9-12=-98/99

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November 14,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909912
L260930	T02G	GABLE	1	1	Job Reference (optional)

JOINT STRESS INDEX

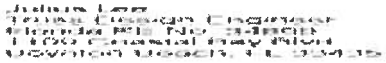
2 = 0.63, 2 = 0.20, 3 = 0.00, 3 = 0.84, 4 = 0.33, 5 = 0.35, 6 = 0.55, 7 = 0.00, 8 = 0.92, 8 = 0.58, 8 = 0.58, 8 = 0.58, 8 = 0.58, 9 = 0.16, 9 = 0.48, 9 = 0.48, 9 = 0.48, 10 = 0.57, 12 = 0.39, 13 = 0.85, 14 = 0.19, 15 = 0.48, 16 = 0.39, 17 = 0.33, 18 = 0.41, 19 = 0.33, 20 = 0.33, 21 = 0.33, 22 = 0.48, 23 = 0.33, 24 = 0.33, 25 = 0.33, 26 = 0.33, 27 = 0.33, 28 = 0.33, 29 = 0.33 and 30 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 2x4 MT20 unless otherwise indicated.
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 597 lb uplift at joint 2, 583 lb uplift at joint 10 and 1633 lb uplift at joint 15.
10) 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: 1-31=-114(F=-60), 6-31=-141(F=-87), 6-7=-141(F=-87), 7-11=-54, 2-13=-10, 12-13=-70(F=-60), 10-12=-10



November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909913
L260930	T04	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:04 2007 Page 1

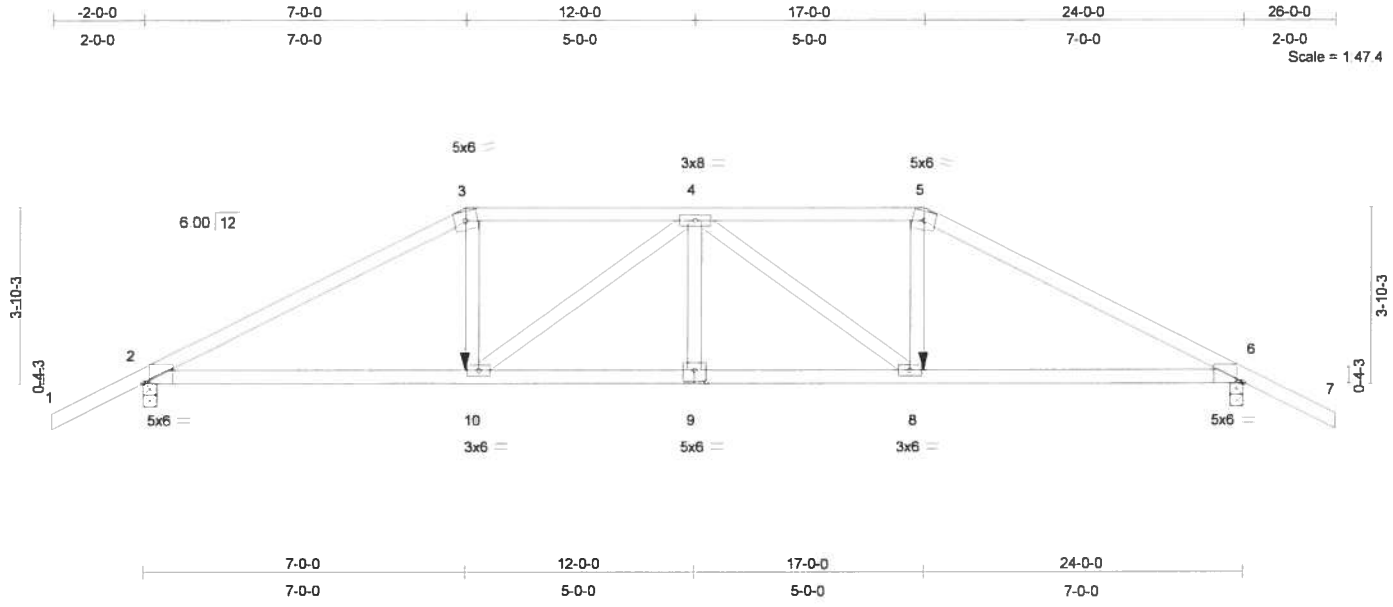


Plate Offsets (X,Y): [2:0-1-11,Edge], [6:0-1-11,Edge], [9:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.15	9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.29	9-10	>975	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.43	Horz(TL)	0.11	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 112 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 3-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-5-3 oc bracing.

REACTIONS (lb/size) 2=1660/0-3-8, 6=1660/0-3-8
Max Horz 2=77(load case 5)
Max Uplift 2=-548(load case 5), 6=-548(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3005/935, 3-4=-2634/871, 4-5=-2634/871, 5-6=-3005/935, 6-7=0/47
BOT CHORD 2-10=-797/2599, 9-10=-960/3096, 8-9=-960/3096, 6-8=-764/2599
WEBS 3-10=-260/902, 4-10=-683/273, 4-9=0/175, 4-8=-683/272, 5-8=-260/902

JOINT STRESS INDEX
2 = 0.73, 3 = 0.77, 4 = 0.56, 5 = 0.77, 6 = 0.73, 8 = 0.57, 9 = 0.72 and 10 = 0.57

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909913
L260930	T04	HIP	1	1	Job Reference (optional)

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 548 lb uplift at joint 2 and 548 lb uplift at joint 6.
7) Girder carries hip end with 7-0-0 end setback.
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: 1-3=-54, 3-5=-118(F=-64), 5-7=-54, 2-10=-10, 8-10=-22(F=-12), 6-8=-10
   Concentrated Loads (lb)
   Vert: 10=-411(F) 8=-411(F)

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November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
L260930	T05	HIP	1	1	J1909914
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:05 2007 Page 1

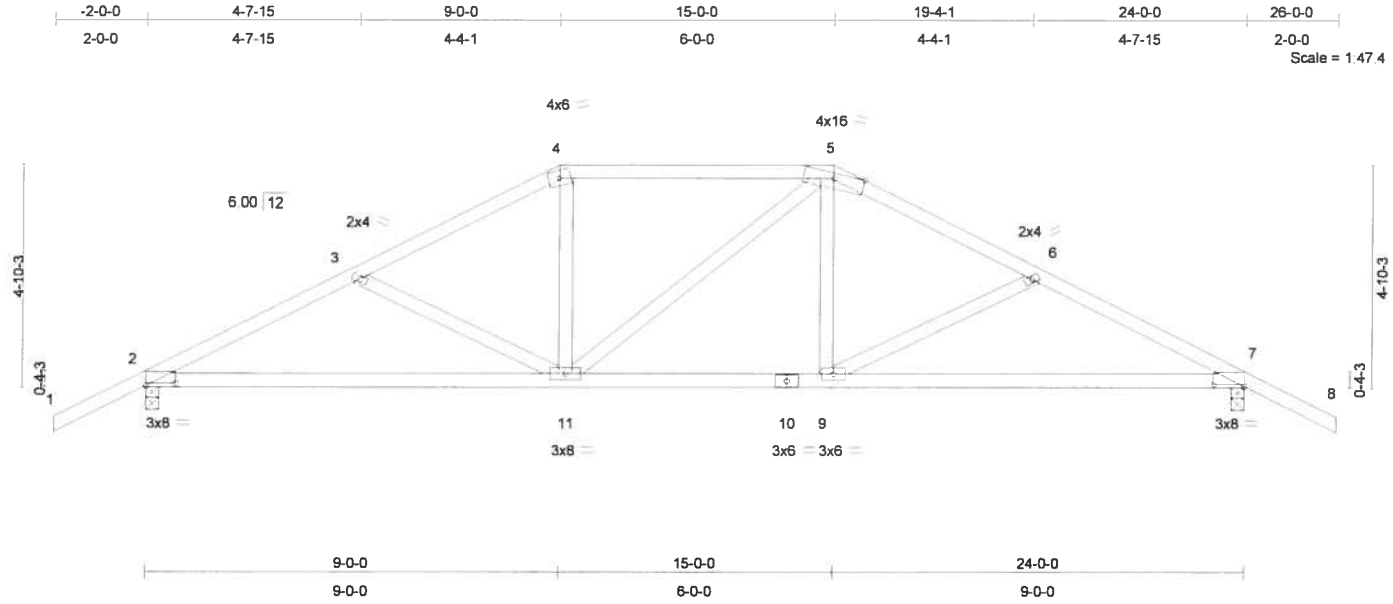

Plate Offsets (X,Y): [2:0-8-0,0-0-10], [7:0-8-0,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.15	7-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.28	7-9	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.10	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 119 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 5-4-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-3 oc bracing.

REACTIONS (lb/size) 2=875/0-3-8, 7=875/0-3-8
Max Horz 2=-89(load case 7)
Max Uplift 2=-244(load case 6), 7=-244(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1331/705, 3-4=-1092/599, 4-5=-940/592, 5-6=-1092/599, 6-7=-1331/705, 7-8=0/47
BOT CHORD 2-11=-466/1130, 10-11=-283/939, 9-10=-283/939, 7-9=-466/1130
WEBS 3-11=-219/206, 4-11=-41/263, 5-11=-111/111, 5-9=-41/263, 6-9=-219/206

JOINT STRESS INDEX
2 = 0.67, 3 = 0.33, 4 = 0.58, 5 = 0.92, 6 = 0.33, 7 = 0.67, 9 = 0.34, 10 = 0.41 and 11 = 0.56

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

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November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909914
L260930	T05	HIP	1	1	Job Reference (optional)

NOTES

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 244 lb uplift at joint 2 and 244 lb uplift at joint 7.

LOAD CASE(S) Standard

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
L260930	T06	HIP	1	1	J1909915
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:06 2007 Page 1

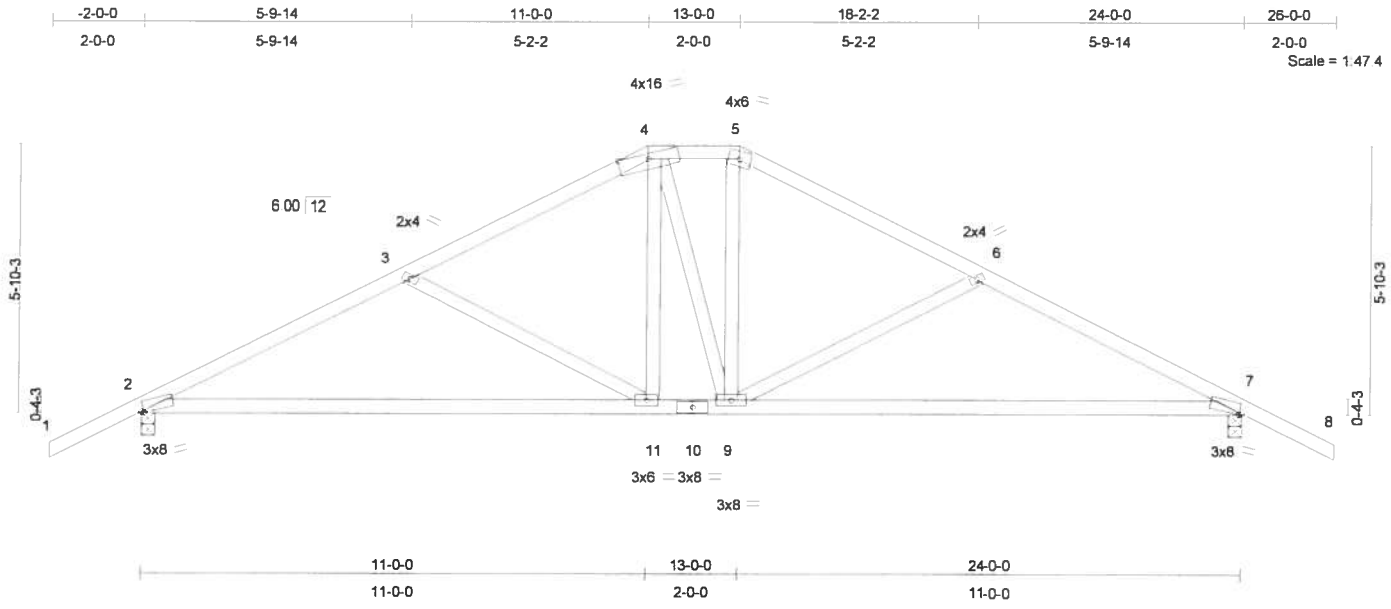


Plate Offsets (X,Y): [2:0-0-10,Edge], [7:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.29	2-11	>997	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.52	2-11	>548	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.22	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 124 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 5-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-14 oc bracing.

REACTIONS (lb/size) 2=875/0-3-8, 7=875/0-3-8
Max Horz 2=-101(load case 7)
Max Uplift 2=-256(load case 6), 7=-256(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1303/715, 3-4=-974/560, 4-5=-815/561, 5-6=-975/560, 6-7=-1303/715, 7-8=0/47
BOT CHORD 2-11=-466/1101, 10-11=-200/813, 9-10=-200/813, 7-9=-466/1101
WEBS 3-11=-334/303, 4-11=-97/259, 5-9=-97/258, 6-9=-333/302, 4-9=-135/142

JOINT STRESS INDEX
2 = 0.85, 3 = 0.33, 4 = 0.56, 5 = 0.49, 6 = 0.33, 7 = 0.84, 9 = 0.66, 10 = 0.78 and 11 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909915
L260930	T06	HIP	1	1	Job Reference (optional)

NOTES

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 256 lb uplift at joint 2 and 256 lb uplift at joint 7.

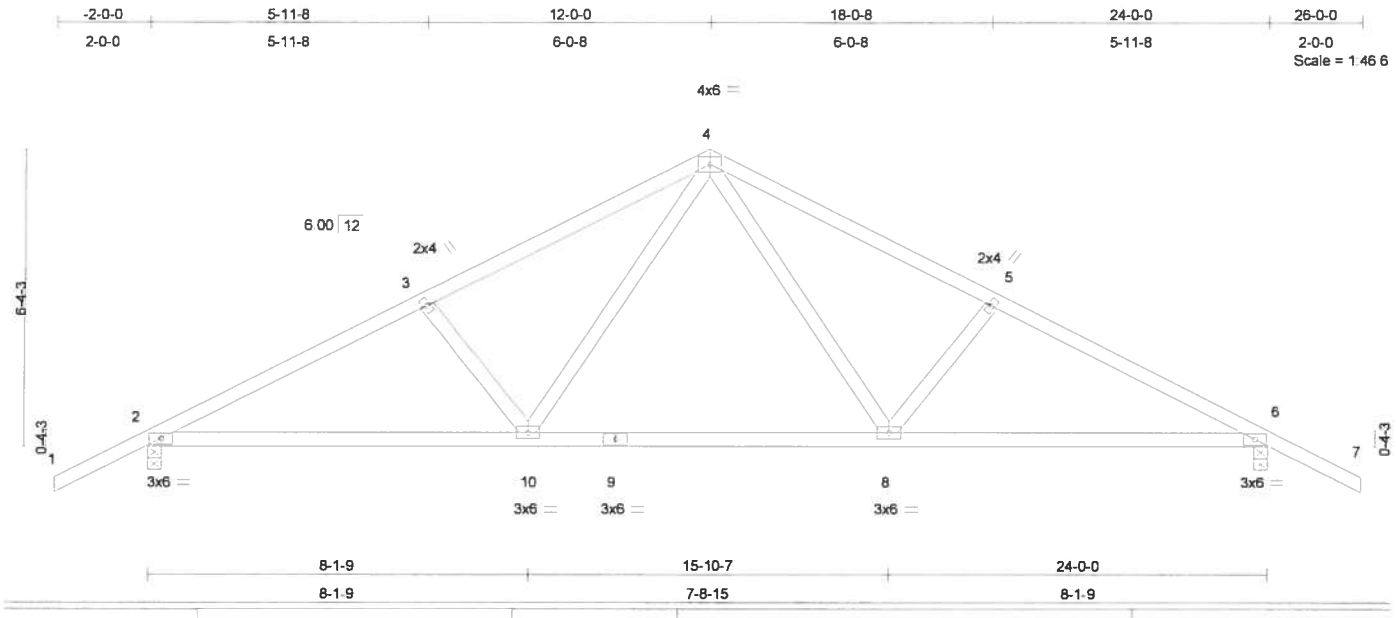
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1326 Colonial Blvd #101
Lovelon Beach, FL 33907

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
L260930	T07	COMMON	2	1	J1909916
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:07 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.09	2-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.18	2-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.18	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 114 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 5-3-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-2-11 oc bracing.

REACTIONS (lb/size) 2=875/0-3-8, 6=875/0-3-8
Max Horz 2=107(load case 6)
Max Uplift 2=-260(load case 6), 6=-260(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1318/708, 3-4=-1127/682, 4-5=-1127/682, 5-6=-1318/708, 6-7=0/47
BOT CHORD 2-10=-460/1110, 9-10=-191/749, 8-9=-191/749, 6-8=-460/1110
WEBS 3-10=-297/272, 4-10=-194/377, 4-8=-194/377, 5-8=-297/272

JOINT STRESS INDEX
2 = 0.68, 3 = 0.33, 4 = 0.75, 5 = 0.33, 6 = 0.68, 8 = 0.41, 9 = 0.25 and 10 = 0.41

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 260 lb uplift at joint 2 and 260 lb uplift at joint 6.

Continued on page 2

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November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909916
L260930	T07	COMMON	2	1	Job Reference (optional)

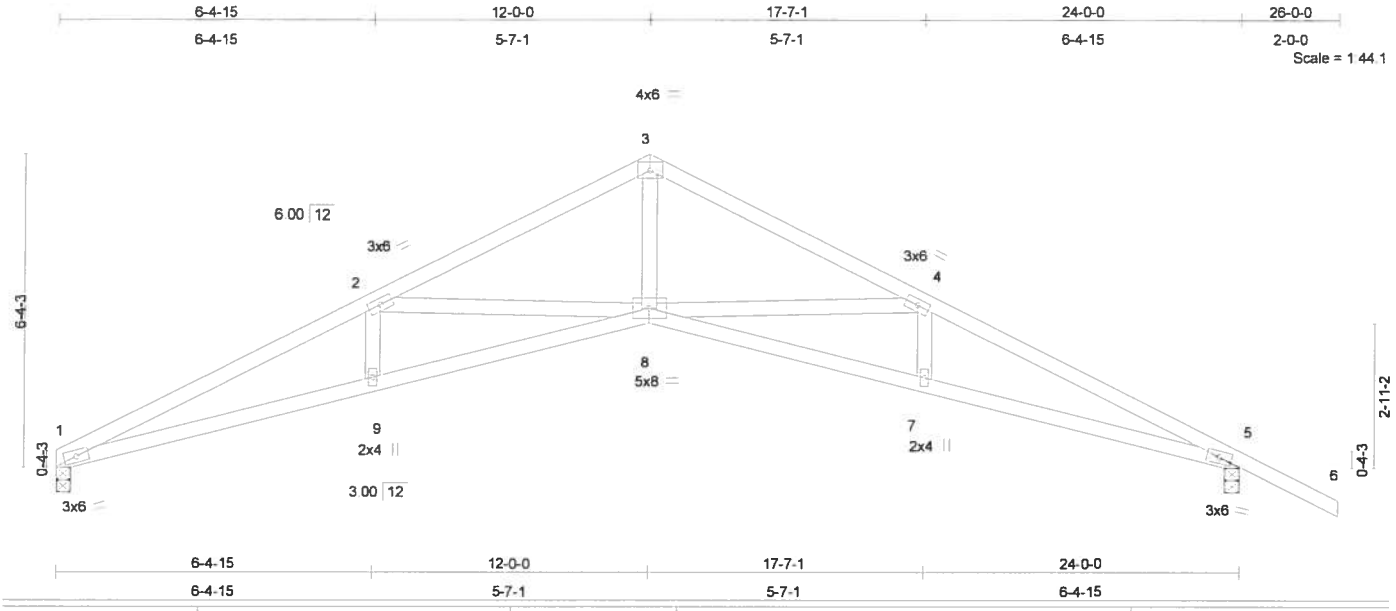
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1100 Coastal Way Blvd
Destin, FL 32541

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909917
L260930	T08	SCISSORS	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:08 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	0.22	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.38	7-8	>746	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.28	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 105 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 3-8-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-3-3 oc bracing.

REACTIONS (lb/size) 1=753/0-3-8, 5=880/0-3-8
Max Horz 1=-119(load case 7)
Max Uplift 1=-165(load case 6), 5=-261(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2455/1219, 2-3=-1722/793, 3-4=-1721/791, 4-5=-2402/1133, 5-6=0/46
BOT CHORD 1-9=-949/2184, 8-9=-946/2182, 7-8=-861/2129, 5-7=-858/2127
WEBS 2-9=0/186, 2-8=-683/530, 3-8=-465/1175, 4-8=-630/446, 4-7=0/182

JOINT STRESS INDEX
1 = 0.75, 2 = 0.39, 3 = 0.57, 4 = 0.39, 5 = 0.75, 7 = 0.33, 8 = 0.66 and 9 = 0.33

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) 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.

Continued on page 2

Julian Lee
Truss Design Engineer
Florida PE No. 34810
1421 Colonial Way NW
Boynton Beach, FL 33435

November 14,2007

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 165 lb uplift at joint 1 and 261 lb uplift at joint 5.

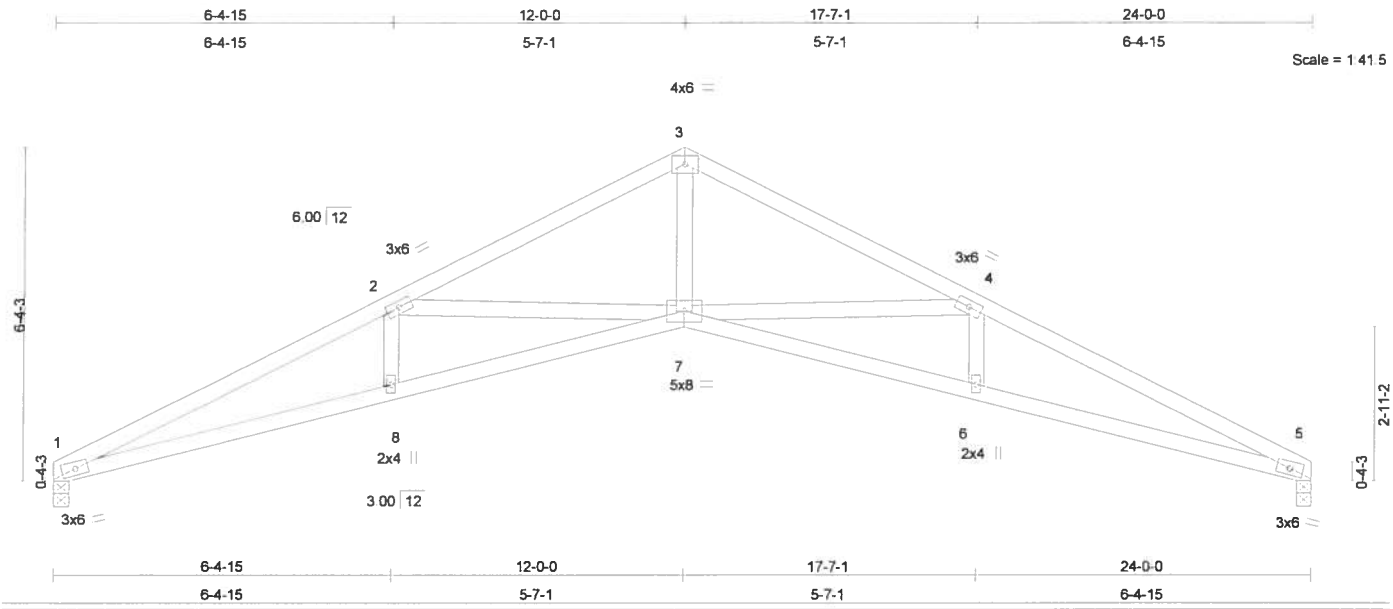
LOAD CASE(S) Standard

Joshua Lee
Florida License Engineer
License #FE 70 [illegible]
1326 General Ray Alvin
Lawton Beach, FL 32548

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909918
L260930	T09	SCISSORS	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:09 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	0.24	7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.38	7-8	>740	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.28	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 102 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 3-8-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-1 oc bracing.

REACTIONS (lb/size) 1=759/0-3-8, 5=759/0-3-8
Max Horz 1=-78(load case 4)
Max Uplift 1=-166(load case 6), 5=-166(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2477/1330, 2-3=-1742/905, 3-4=-1742/905, 4-5=-2477/1330
BOT CHORD 1-8=-1128/2204, 7-8=-1125/2202, 6-7=-1125/2202, 5-6=-1128/2204
WEBS 2-8=0/186, 2-7=-684/528, 3-7=-571/1197, 4-7=-684/528, 4-6=0/186

JOINT STRESS INDEX
1 = 0.74, 2 = 0.39, 3 = 0.56, 4 = 0.39, 5 = 0.74, 6 = 0.33, 7 = 0.67 and 8 = 0.33

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) 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.

Continued on page 2

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November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909918
L260930	T09	SCISSORS	4	1	Job Reference (optional)

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 166 lb uplift at joint 1 and 166 lb uplift at joint 5.

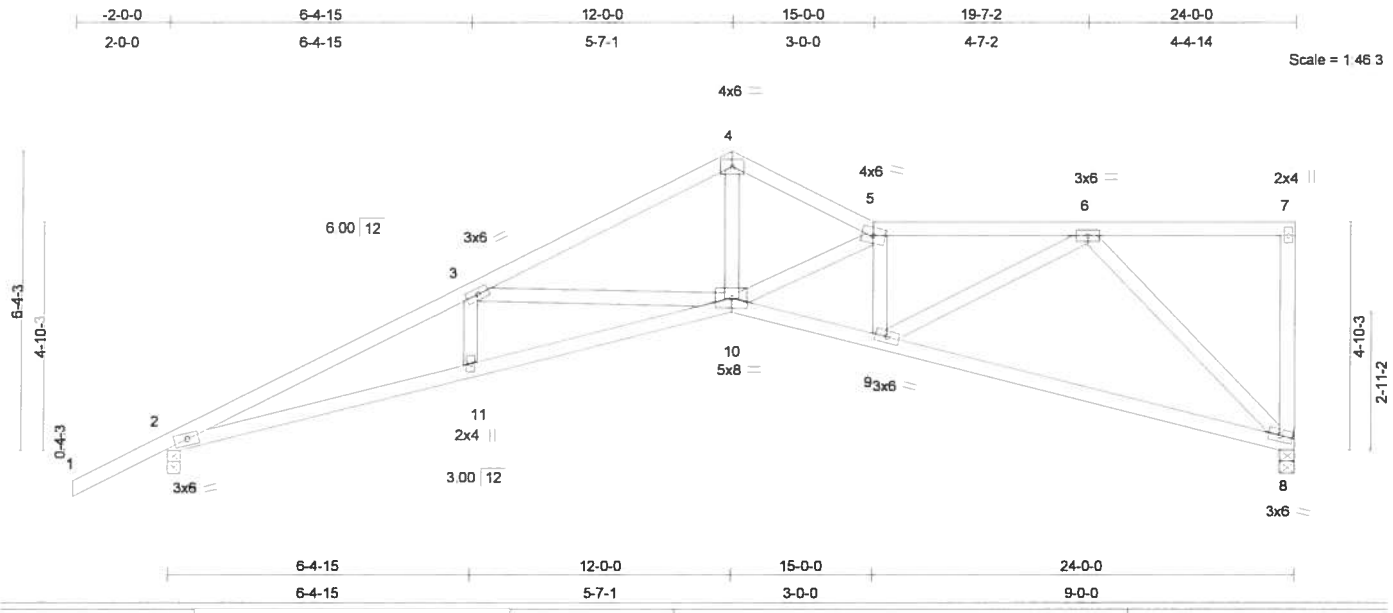
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 49808
1326 General Key Blvd
Riverview, Fl 33569

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
L260930	T10	SPECIAL	1	1	J1909919
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:09 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	0.22	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.33	10-11	>866	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.21	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 124 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-4-9 oc bracing.

REACTIONS (lb/size) 8=753/0-3-8, 2=880/0-3-8
Max Horz 2=212(load case 6)
Max Uplift 8=-179(load case 7), 2=-252(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-2410/1327, 3-4=-1708/994, 4-5=-1659/1010, 5-6=-1737/989, 6-7=-43/1, 7-8=-103/68
BOT CHORD 2-11=-1352/2136, 10-11=-1357/2137, 9-10=-1056/1838, 8-9=-473/796
WEBS 3-11=0/195, 3-10=-635/438, 4-10=-684/1204, 5-10=-407/165, 5-9=-720/487, 6-9=-609/1108, 6-8=-1085/666

JOINT STRESS INDEX
2 = 0.75, 3 = 0.39, 4 = 0.56, 5 = 0.39, 6 = 0.62, 7 = 0.52, 8 = 0.64, 9 = 0.61, 10 = 0.65 and 11 = 0.33

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

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November 14,2007

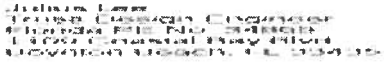
Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP J1909919
L260930	T10	SPECIAL	1	1	Job Reference (optional)

NOTES

5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 8, 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 179 lb uplift at joint 8 and 252 lb uplift at joint 2.

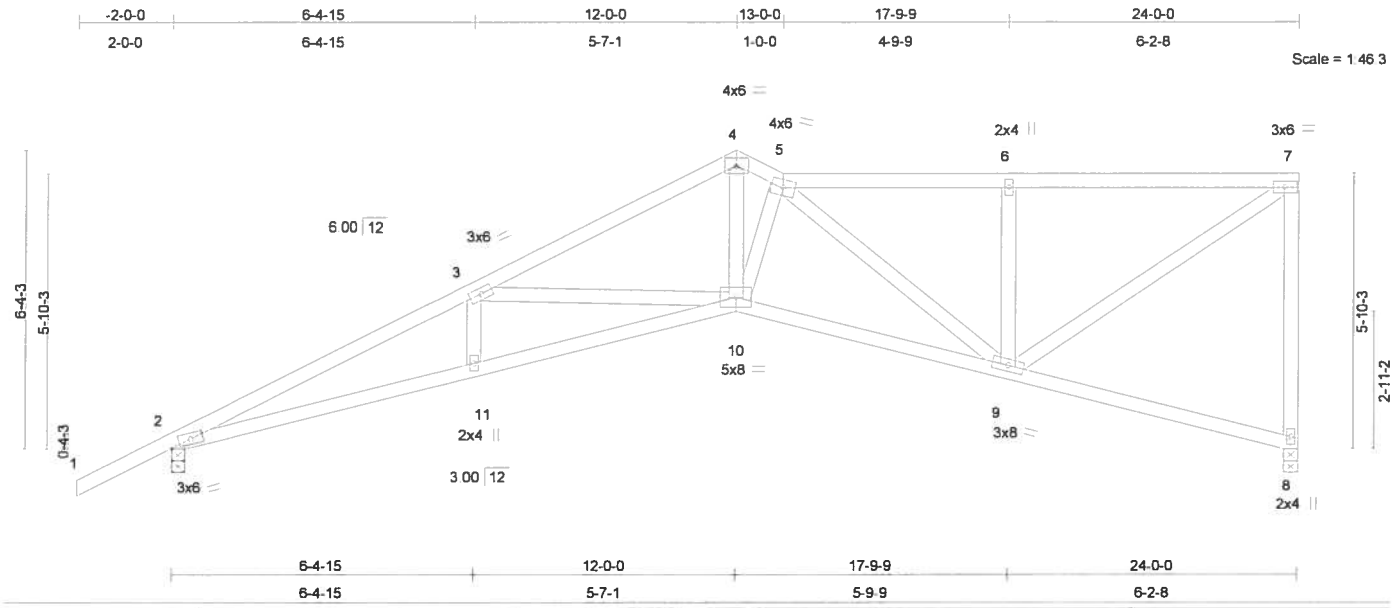
LOAD CASE(S) Standard



November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909920
L260930	T11	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:10 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.78	Vert(LL)	0.22	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.31	10-11	>921	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.60	Horz(TL)	0.20	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 129 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-9 oc bracing.

REACTIONS (lb/size) 8=753/0-3-8, 2=880/0-3-8
Max Horz 2=232(load case 6)
Max Uplift 8=-188(load case 5), 2=-248(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-2406/1320, 3-4=-1717/989, 4-5=-1593/984, 5-6=-880/511, 6-7=-880/511, 7-8=-725/441
BOT CHORD 2-11=-1400/2132, 10-11=-1403/2133, 9-10=-974/1588, 8-9=-15/41
WEBS 3-11=0/183, 3-10=-617/435, 4-10=-623/1142, 5-10=-274/78, 5-9=-857/563, 6-9=-341/247, 7-9=-600/1030

JOINT STRESS INDEX
2 = 0.75, 3 = 0.39, 4 = 0.55, 5 = 0.32, 6 = 0.33, 7 = 0.59, 8 = 0.57, 9 = 0.95, 10 = 0.65 and 11 = 0.33

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

November 14,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909920
L260930	T11	SPECIAL	1	1	Job Reference (optional)

NOTES

5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 8, 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 188 lb uplift at joint 8 and 248 lb uplift at joint 2.

LOAD CASE(S) Standard

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909921
L260930	T12	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:11 2007 Page 1

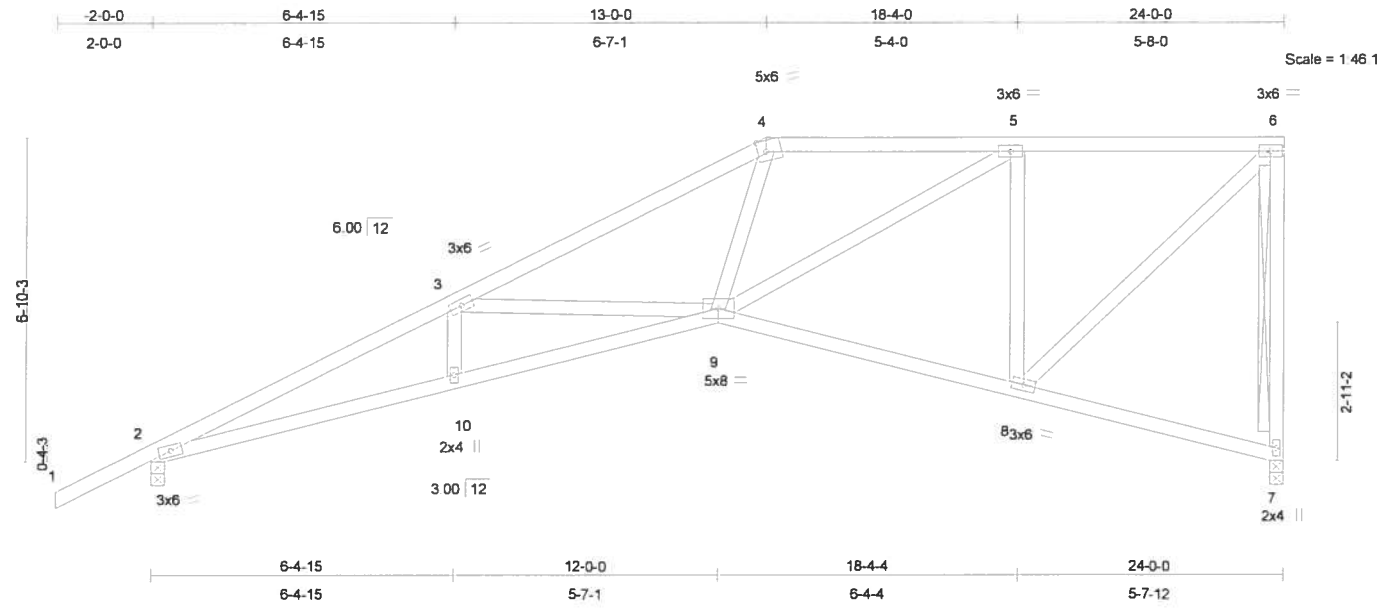


Plate Offsets (X,Y): [4:0-2-3,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	0.21	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.29	9-10	>980	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.18	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 132 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-1-15 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=753/0-3-8, 2=880/0-3-8
Max Horz 2=258(load case 6)
Max Uplift 7=-199(load case 5), 2=-247(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-2423/1338, 3-4=-1687/957, 4-5=-1329/881, 5-6=-643/382, 6-7=-728/452
BOT CHORD 2-10=-1471/2150, 9-10=-1476/2153, 8-9=-399/670, 7-8=-11/33
WEBS 3-10=0/178, 3-9=-645/498, 4-9=-174/436, 5-9=-575/791, 5-8=-690/490, 6-8=-513/861

JOINT STRESS INDEX
2 = 0.75, 3 = 0.39, 4 = 0.59, 5 = 0.45, 6 = 0.52, 7 = 0.44, 8 = 0.59, 9 = 0.65 and 10 = 0.33

[illegible]

November 14,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP J1909921
L260930	T12	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 7, 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 199 lb uplift at joint 7 and 247 lb uplift at joint 2.

LOAD CASE(S) Standard

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909922
L260930	T13	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:12 2007 Page 1

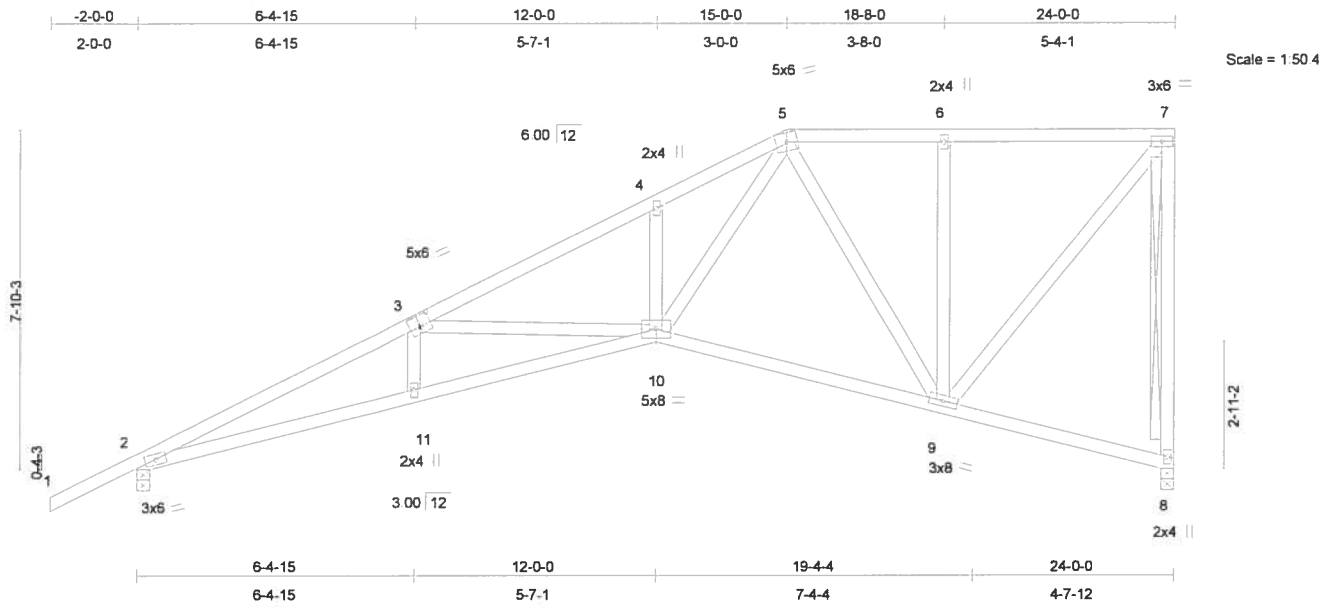


Plate Offsets (X,Y): [3:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	0.22	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.29	10-11	>967	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.18	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 143 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-1-4 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 7-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 8=753/0-3-8, 2=880/0-3-8
Max Horz 2=290(load case 6)
Max Uplift 8=-195(load case 5), 2=-247(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-2411/1325, 3-4=-1708/980, 4-5=-1683/1106, 5-6=-508/318, 6-7=-508/318, 7-8=-730/469
BOT CHORD 2-11=-1509/2137, 10-11=-1513/2140, 9-10=-546/808, 8-9=-8/29
WEBS 3-11=0/176, 3-10=-605/451, 4-10=-245/258, 5-10=-894/1261, 5-9=-533/409, 6-9=-272/197, 7-9=-490/779

JOINT STRESS INDEX
2 = 0.75, 3 = 0.52, 4 = 0.33, 5 = 0.62, 6 = 0.33, 7 = 0.53, 8 = 0.39, 9 = 0.81, 10 = 0.65 and 11 = 0.33

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November 14,2007

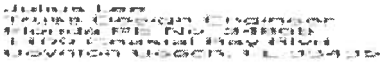
Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909922
L260930	T13	SPECIAL	2	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 8, 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 195 lb uplift at joint 8 and 247 lb uplift at joint 2.

LOAD CASE(S) Standard



November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909923
L260930	T14	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:13 2007 Page 1

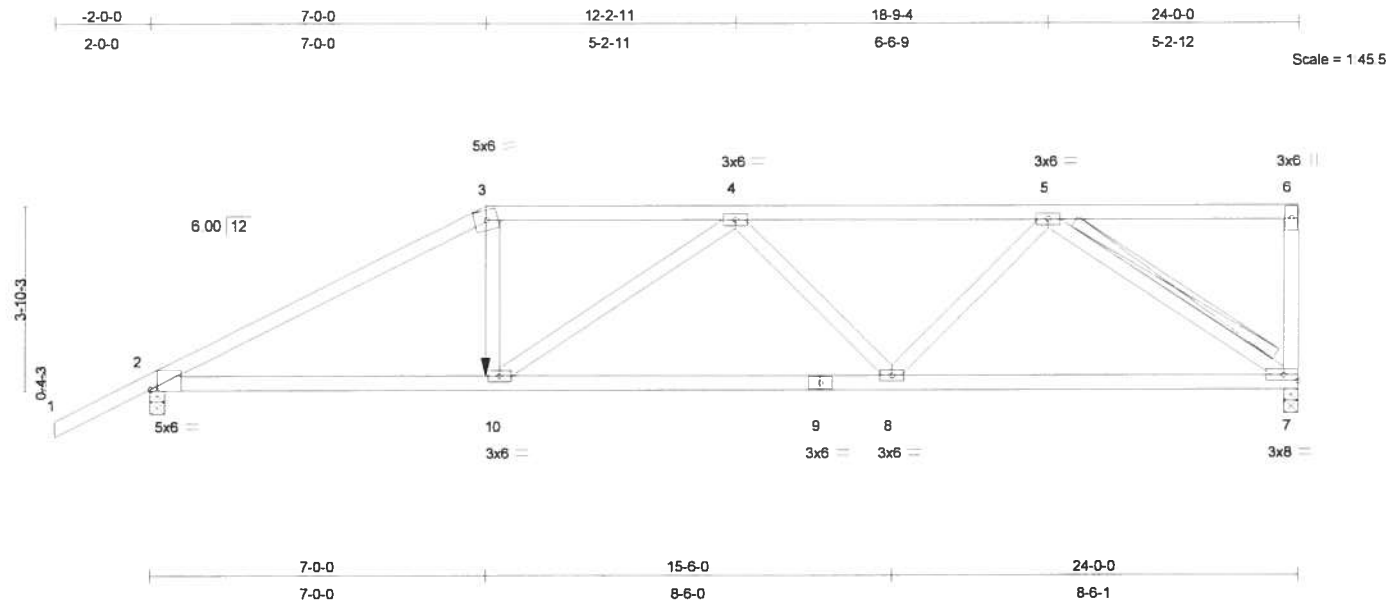


Plate Offsets (X,Y): [2:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.64	Vert(LL)	-0.14	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.73	Vert(TL)	-0.37	8-10	>773	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.62	Horz(TL)	0.10	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 117 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 3-3-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-1-2 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=1693/0-3-8, 2=1619/0-3-8
Max Horz 2=163(load case 5)
Max Uplift 7=-584(load case 4), 2=-524(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2927/932, 3-4=-2562/869, 4-5=-2568/836, 5-6=-74/5, 6-7=-255/127
BOT CHORD 2-10=-860/2527, 9-10=-1059/2965, 8-9=-1059/2965, 7-8=-726/2000
WEBS 3-10=-244/831, 4-10=-493/287, 4-8=-585/329, 5-8=-162/840, 5-7=-2350/880

JOINT STRESS INDEX
2 = 0.72, 3 = 0.73, 4 = 0.36, 5 = 0.70, 6 = 0.42, 7 = 0.53, 8 = 0.52, 9 = 0.94 and 10 = 0.53

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.

Continued on page 2

Joshua Lee
Truss Design Engineer
* Florida PE No. 84803
* Texas Licensed Ray Nor
Licensed to: [illegible]

November 14,2007

Builders FirstSource

NOTES

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 584 lb uplift at joint 7 and 524 lb uplift at joint 2.
6) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
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, 3-6=-118(F=-64), 2-10=-10, 7-10=-22(F=-12)
   Concentrated Loads (lb)
   Vert: 10=-411(F)

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909924
L260930	T15	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:13 2007 Page 1

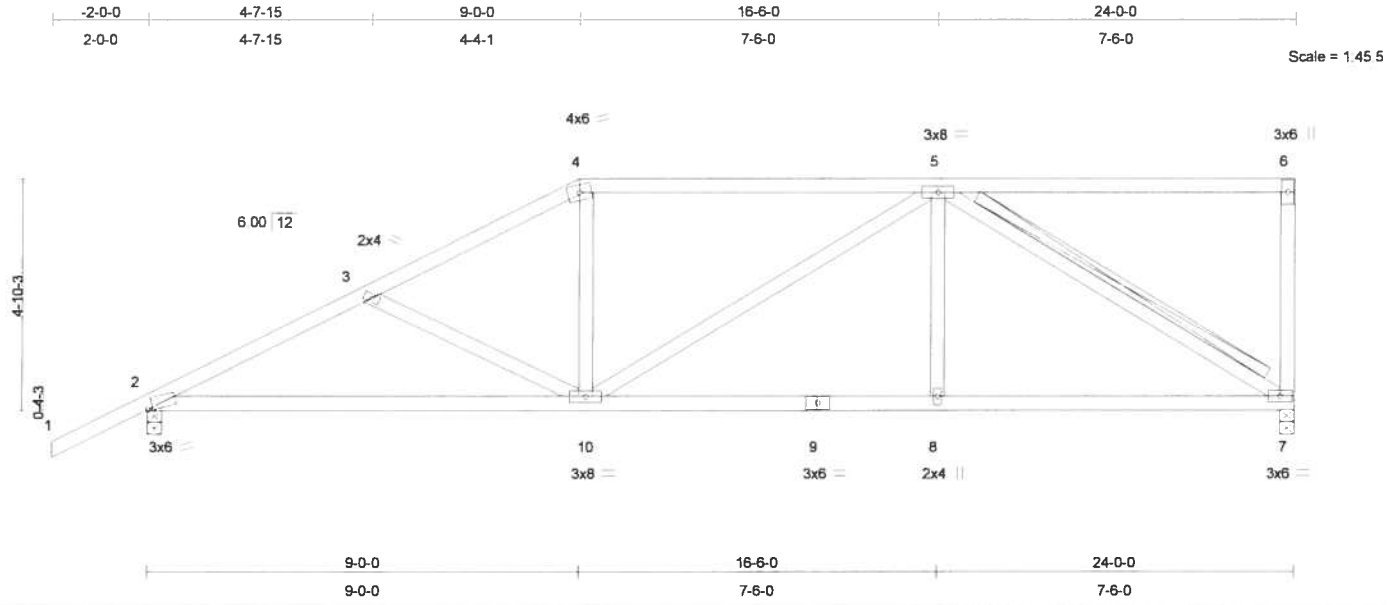


Plate Offsets (X,Y): [2:0-1-5,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.13	2-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.25	2-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.44	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 127 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 5-4-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-10 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=753/0-3-8, 2=880/0-3-8
Max Horz 2=195(load case 6)
Max Uplift 7=-204(load case 5), 2=-236(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1340/657, 3-4=-1112/558, 4-5=-962/559, 5-6=-47/24, 6-7=-181/129
BOT CHORD 2-10=-732/1135, 9-10=-502/905, 8-9=-502/905, 7-8=-502/905
WEBS 3-10=-198/193, 4-10=0/257, 5-10=-67/75, 5-8=0/217, 5-7=-1008/563

JOINT STRESS INDEX
2 = 0.81, 3 = 0.33, 4 = 0.74, 5 = 0.56, 6 = 0.42, 7 = 0.45, 8 = 0.33, 9 = 0.33 and 10 = 0.56

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November 14,2007

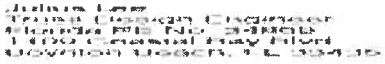
Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909924
L260930	T15	MONO HIP	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 204 lb uplift at joint 7 and 236 lb uplift at joint 2.

LOAD CASE(S) Standard



November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909925
L260930	T16	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:14 2007 Page 1

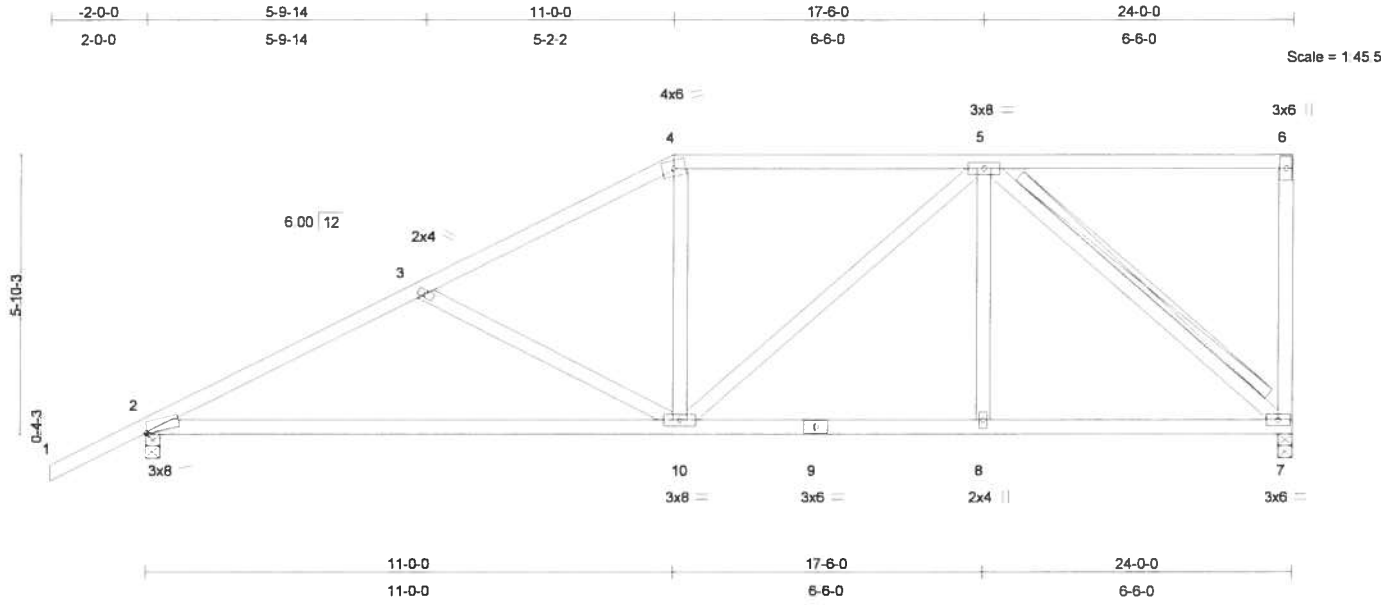


Plate Offsets (X,Y): [2:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.30	2-10	>957	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.54	2-10	>529	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 133 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 5-3-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-6 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=753/0-3-8, 2=880/0-3-8
Max Horz 2=227(load case 6)
Max Uplift 7=-201(load case 5), 2=-243(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1308/639, 3-4=-992/492, 4-5=-833/501, 5-6=-27/13, 6-7=-154/110
BOT CHORD 2-10=-758/1104, 9-10=-387/669, 8-9=-387/669, 7-8=-387/669
WEBS 3-10=-309/289, 4-10=0/229, 5-10=-151/218, 5-8=0/159, 5-7=-853/497

JOINT STRESS INDEX
2 = 0.87, 3 = 0.33, 4 = 0.67, 5 = 0.56, 6 = 0.28, 7 = 0.35, 8 = 0.33, 9 = 0.22 and 10 = 0.56

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November 14,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909925
L260930	T16	MONO HIP	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 201 lb uplift at joint 7 and 243 lb uplift at joint 2.

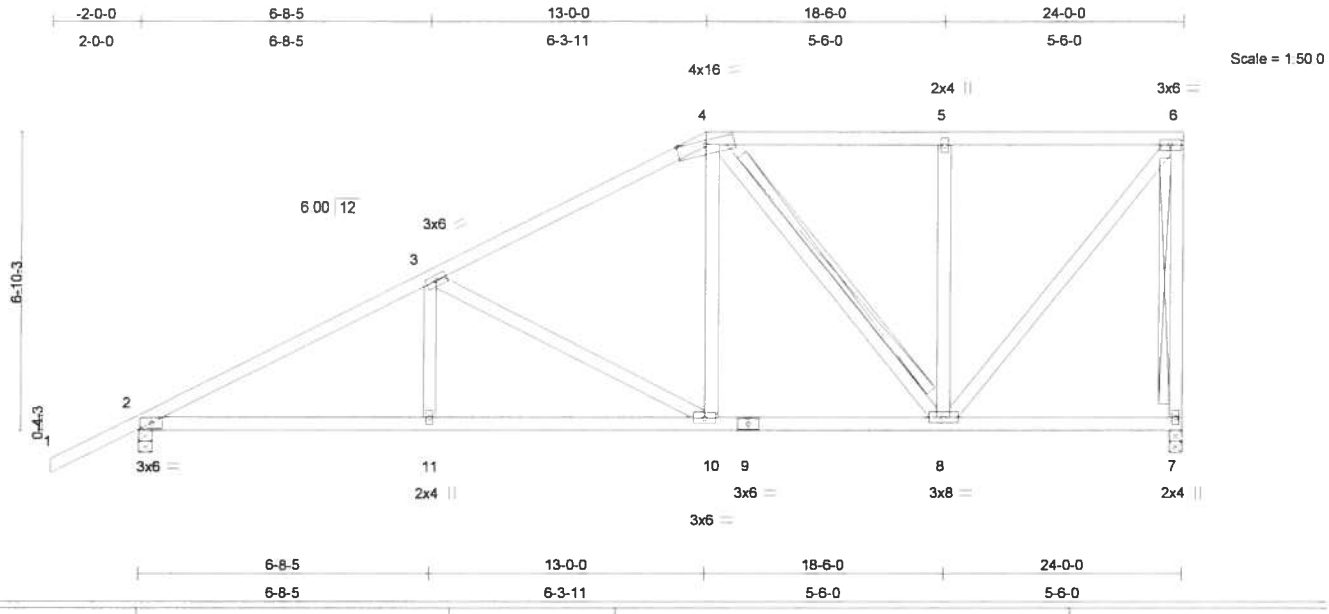
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Meritex FIE No. 34810
1005 Concord Bay Blvd
Ocoee Beach, FL 32935

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909926
L260930	T17	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:15 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	0.06	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.10	2-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 144 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-2-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-10 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-7, 4-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=753/0-3-8, 2=880/0-3-8
Max Horz 2=259(load case 6)
Max Uplift 7=-198(load case 5), 2=-247(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1320/578, 3-4=-857/428, 4-5=-499/297, 5-6=-499/298, 6-7=-723/449
BOT CHORD 2-11=-749/1103, 10-11=-749/1103, 9-10=-453/702, 8-9=-453/702, 7-8=-9/15
WEBS 3-11=0/212, 3-10=-460/338, 4-10=-126/328, 4-8=-316/241, 5-8=-303/210, 6-8=-457/764

JOINT STRESS INDEX
2 = 0.59, 3 = 0.39, 4 = 0.97, 5 = 0.33, 6 = 0.52, 7 = 0.43, 8 = 0.75, 9 = 0.24, 10 = 0.34 and 11 = 0.33

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November 14,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909926
L260930	T17	MONO HIP	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 198 lb uplift at joint 7 and 247 lb uplift at joint 2.

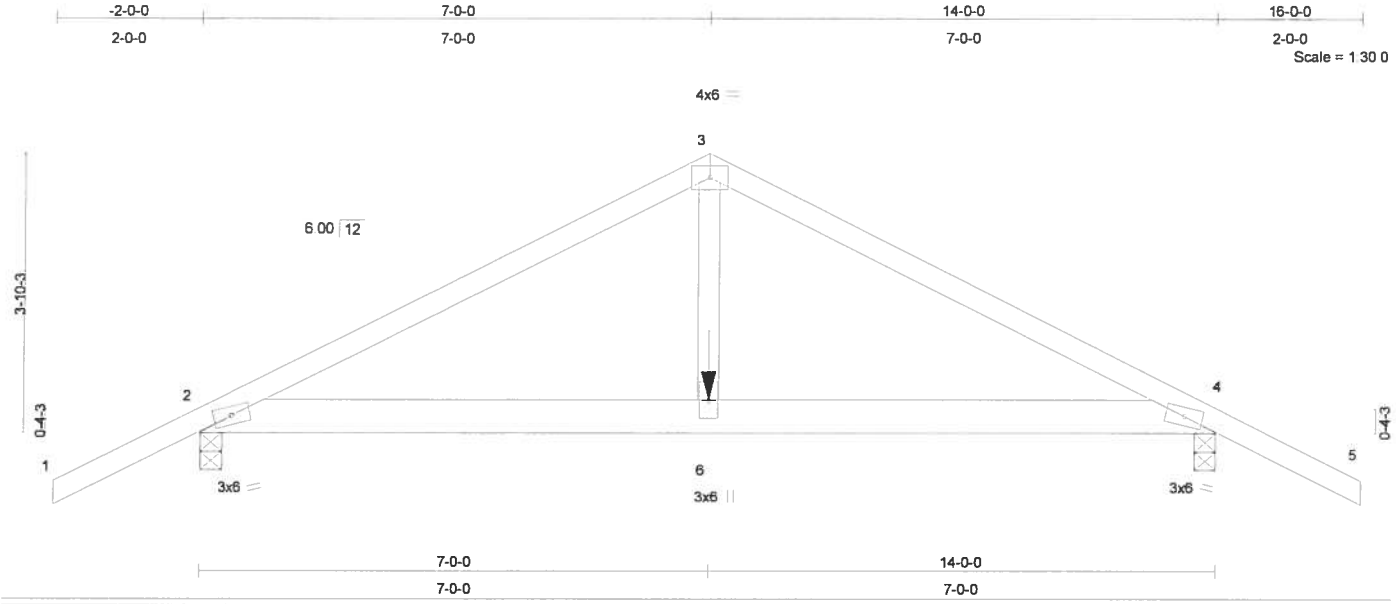
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1800 Continental Way Nort
Hoover, AL 35216

November 14,2007

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909927
L260930	T18	KINGPOST	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Nov 14 14:02:15 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	0.05	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.06	6	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.02	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 68 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 Structural wood sheathing directly applied or 4-10-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=965/0-3-8, 4=965/0-3-8
Max Horz 2=-79(load case 6)
Max Uplift 2=-531(load case 5), 4=-531(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/51, 2-3=-1514/702, 3-4=-1514/702, 4-5=0/51
BOT CHORD 2-6=-570/1279, 4-6=-570/1279
WEBS 3-6=-485/911

JOINT STRESS INDEX
2 = 0.80, 3 = 0.59, 4 = 0.80 and 6 = 0.29

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 4.
6) Girder carries hip end with 7-0-0 end setback.

Continued on page 2

November 14,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - LOT 22 CCP
					J1909927
L260930	T18	KINGPOST	1	1	Job Reference (optional)

NOTES

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: 2-4=-10, 1-3=-54, 3-5=-54
   Concentrated Loads (lb)
   Vert: 6=-821(F)

Julius Lee
Truss Design Engineer
Florida FRL No. 24801
1103 Coastal Key Blvd
Boynton Beach, FL 33435

November 14,2007