DATE 10/19/2005

Columbia County Building Permit

PERMIT 000023736

This Permit Expires One Year From the Date of Issue

APPLICANT MICHAEL JENKINS PHONE 719-2240

ADDRESS 694 SW MAIN BLVD LAKE CITY FL 32025

OWNER THOMAS & AMANDA PRIEST PHONE

ADDRESS 317 NW PARRISH COURT LAKE CITY FL 32055

CONTRACTOR JENKINS CONTR/MICHAEL JEKINS PHONE

LOCATION OF PROPERTY 441 N, L CORNITH CHURCH RD, L PARRISH CT, ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 114100.00

HEATED FLOOR AREA 2282.00 TOTAL AREA 3210.00 HEIGHT 21.10 STORIES 2

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 20-2S-17-04738-009 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 6.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CGC1507486	

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
PRIVATE	05-0964-N	BK	JH	N

COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD

NOC ON FILE, ALTERNATIVE TERMITE TREATMET ON FILE

Check # or Cash 1367

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE $ 575.00 CERTIFICATION FEE $ 16.05 SURCHARGE FEE $ 16.05

MISC. FEES $ .00 ZONING CERT. FEE $ 50.00 FIRE FEE $ .00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 682.10

INSPECTORS OFFICE LH CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

dk 1367 682.10 867-0558

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0509-73 Date Received 9/26/05 By JW Permit # 23736

Application Approved by - Zoning Official BLK Date 9.10.05 Plans Examiner OK JTH Date 10-12-05

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

Comments

FAX 386 719 2234

Applicants Name MICHAEL JENKINS Phone 386-719-2240

Address 694 SW MAIN BLVD LAKE CITY, FL 32025

Owners Name THOMAS AND AMANDA PRIEST Phone

911 Address 317 NW PARRISH COURT LAKE CITY, FL 32055

Contractors Name JENKINS CONTRACTING, LLC Phone 386-719-2240

Address 694 SW MAIN BLVD LAKE CITY, FL 32025

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK DISOSWAY P.E. P.O. BOX 868 LAKE CITY, FL 32056

Mortgage Lenders Name & Address R-G CROWN BANK 105 LIVE OAKS GARDENS, CASSELBERRY, FL 3270

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

Property ID Number ~~N/A~~ 20-2S-04738-009 Estimated Cost of Construction 114100

17E

Subdivision Name N/A Lot ____ Block ____ Unit ____ Phase ____

Driving Directions NORTH ON US 441. WEST ON CORINTH CHURCH ROAD. SOUTH ON NW PARRISH CT. PROJECT IS ON EAST SIDE OF PARRISH CT.

Type of Construction RESIDENTIAL Number of Existing Dwellings on Property ZERO

Total Acreage 6 Lot Size 6 ACRES Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive PRIVATE

Actual Distance of Structure from Property Lines - Front 360 Side 107 Side 150 Rear 260

Total Building Height 21' 10" Number of Stories 2 Heated Floor Area 2282 Roof Pitch 8/12

Porches 326 GARAGE 602 TOTAL 3210

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 CGC1507486

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL M. L. Church Commission # DD425257 Expires May 3, 2009 Bonded Troy Fain - Insurance, Inc. 800-385-7019

Sworn to (or affirmed) and subscribed before me this 20th day of SEPTEMBER 2005.

Personally known X or Produced Identification

M L Church

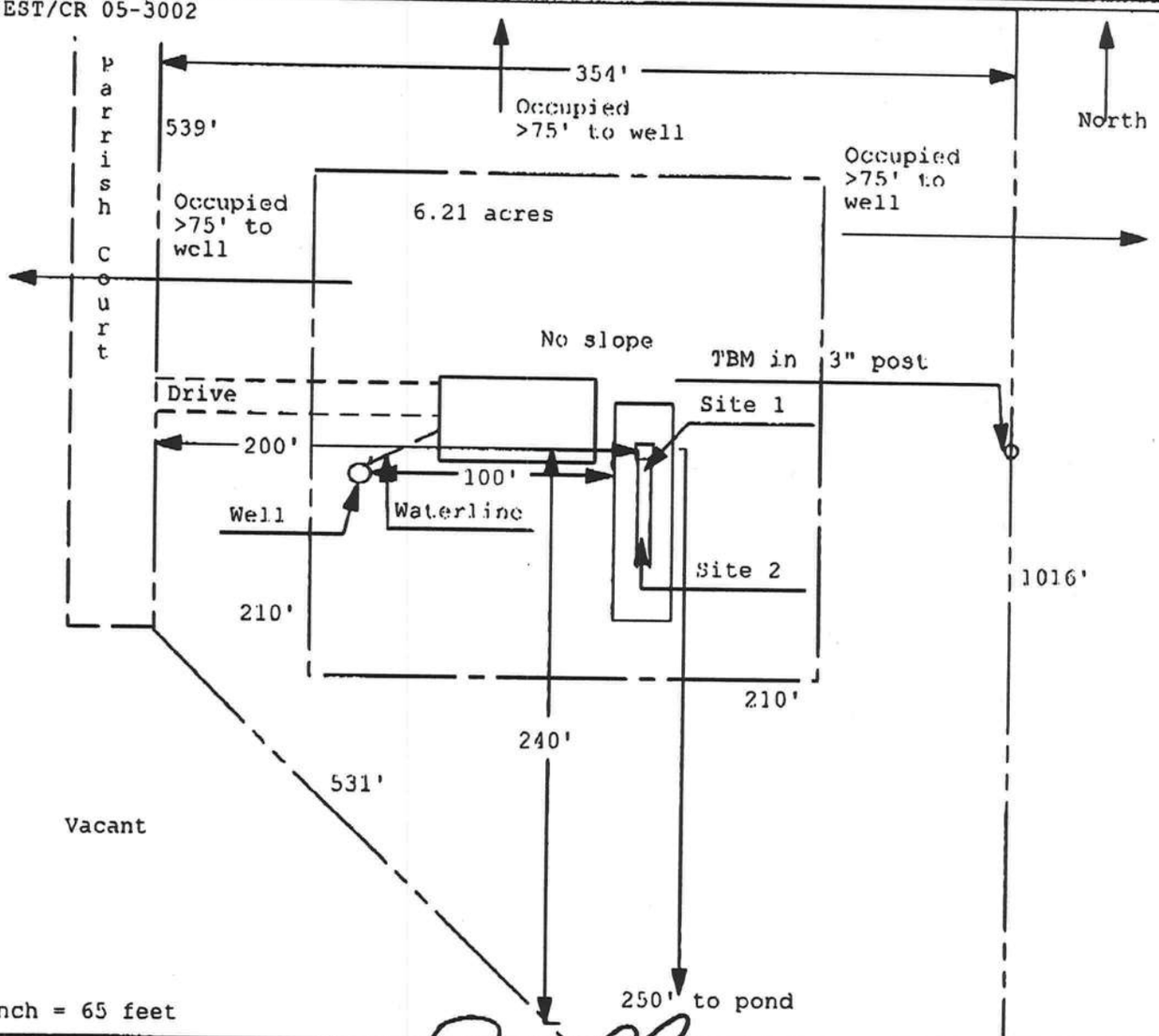
Notary Signature

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

Permit Application Number: 05-0964N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PRIEST/CR 05-3002



1 inch = 65 feet

Site Plan Submitted By Paul Lloyd **Date** 8/8/05

Plan Approved ✓ **Not Approved** ____ **Date** 9/26/05

By [signature] Columbia **CPHU**

Notes:

RECEIVED

SEP 26 2005

Jenkins Contracting LLC
Lake City

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

Reference to: Build permit application Number: **0509-73 Jenkins Contracting**
Owner Thomas Priest 317 NW Parrish Court
On the date of September 28, 2005 application 0509-73 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0509-73 when making reference to this application.

OK 10-12

1. The stair treads shown on the plans are 9 inches. Treads less than 10 inches, shall have a nosing, or effective projection of approximately 1 inch over the level immediately below that tread. Please show a detail design to comply with these FBC 2001 section 1007.3 requirements.

OK 10-12

2. In the area above the garage, the bonus room area which will have a conventional roof framing, show the framing layout including: rafter size, species and spacing, attachment to wall and uplift and the ridge beam sized and any valley framing and support details.

3. Show the floor framing system that will be used to establish a floor between the T29 (3 Ply truss) and the stair well load bearing walls. Include the floor joist size and spacing, girder size and spacing attachment of joist to girder and the type material to be used as flooring.

Thank you,
Joe Haltiwanger
Plan Examiner
Columbia County Building Department

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**506032JenkinsContractingPriestResidence**	Builder:	
Address:		Permitting Office:	
City, State:	**, FL**	Permit Number:	
Owner:	**Pries Residence**	Jurisdiction Number:	
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		Yes	
6. Conditioned floor area (ft²)		2282 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	313.0 ft²	
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 276.0(p) ft	
b. Raised Wood, Adjacent		R=19.0, 300.0ft²	
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 1633.0 ft²	
b. Frame, Wood, Adjacent		R=13.0, 448.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 2922.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Attic		Sup. R=6.0, 210.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 50.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 50.0 kBtu/hr	
	HSPF: 8.60	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 40.0 gallons	
	EF: 0.89	
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.14

Total as-built points: 32540
Total base points: 32609

PASS

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

PREPARED BY: Ben Sparks

DATE: 8/15/05 Ben Sparks

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: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , **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	2282.0	20.04	8231.6	Double, Clear	SE	1.5	7.0	60.0	42.75	0.92	2356.4	
				Double, Clear	SE	11.0	7.0	30.0	42.75	0.43	547.1	
				Double, Clear	SE	11.0	9.0	20.0	42.75	0.46	390.3	
				Double, Clear	SE	1.5	9.0	20.0	42.75	0.96	823.1	
				Double, Clear	NE	1.5	9.0	10.0	29.56	0.97	287.6	
				Double, Clear	SE	1.5	6.0	16.0	42.75	0.88	604.3	
				Double, Clear	SW	1.5	6.0	16.0	40.16	0.89	568.7	
				Double, Clear	NW	0.0	0.0	40.0	25.97	1.00	1039.0	
				Double, Clear	NW	0.0	0.0	16.0	25.97	1.00	415.6	
				Double, Clear	NW	8.0	7.0	30.0	25.97	0.61	477.8	
				Double, Clear	NW	8.0	6.0	8.0	25.97	0.59	122.9	
				Double, Clear	NW	8.0	3.0	5.0	25.97	0.52	67.3	
				Double, Clear	SW	1.5	7.0	15.0	40.16	0.92	554.0	
				Double, Clear	NE	1.5	7.0	15.0	29.56	0.94	418.5	
				Double, Clear	NE	1.5	5.0	12.0	29.56	0.89	314.4	
				As-Built Total:				**313.0**			**8986.9**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	448.0	0.70	313.6	Frame, Wood, Exterior	13.0	1633.0	1.50	2449.5
Exterior	1633.0	1.70	2776.1	Frame, Wood, Adjacent	13.0	448.0	0.60	268.8
Base Total:	**2081.0**		**3089.7**	**As-Built Total:**		**2081.0**		**2718.3**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	Exterior Insulated	50.0	4.10	205.0
Exterior	70.0	6.10	427.0	Exterior Insulated	20.0	4.10	82.0
				Adjacent Insulated	20.0	1.60	32.0
Base Total:	**90.0**		**475.0**	**As-Built Total:**	**90.0**		**319.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	2282.0	1.73	3947.9	Under Attic	30.0	2922.0	1.73 X 1.00	5055.1
Base Total:	**2282.0**		**3947.9**	**As-Built Total:**		**2922.0**		**5055.1**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	276.0(p)	-37.0	-10212.0	Slab-On-Grade Edge Insulation	0.0	276.0(p	-41.20	-11371.2
Raised	300.0	-3.99	-1197.0	Raised Wood, Adjacent	19.0	300.0	0.40	120.0
Base Total:			**-11409.0**	**As-Built Total:**		**576.0**		**-11251.2**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE					AS-BUILT						
INFILTRATION	Area X	BSPM	=	Points				Area X	SPM	=	Points
	2282.0	10.21		23299.2				2282.0	10.21		23299.2
Summer Base Points:				**27634.4**	**Summer As-Built Points:**						**29127.3**
Total Summer Points	X System Multiplier		=	Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
27634.4	**0.4266**			**11788.8**	29127.3 **29127.3**	1.000 **1.00**	(1.090 x 1.147 x 1.11) **1.388**	0.263 **0.263**	1.000 **1.000**		10612.2 **10612.2**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , **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	**2282.0**	**12.74**	**5233.1**	Double, Clear	SE	1.5	7.0	60.0	14.71	1.07	943.5	
				Double, Clear	SE	11.0	7.0	30.0	14.71	2.32	1025.3	
				Double, Clear	SE	11.0	9.0	20.0	14.71	2.13	626.6	
				Double, Clear	SE	1.5	9.0	20.0	14.71	1.04	305.0	
				Double, Clear	NE	1.5	9.0	10.0	23.57	1.00	235.9	
				Double, Clear	SE	1.5	6.0	16.0	14.71	1.10	257.9	
				Double, Clear	SW	1.5	6.0	16.0	16.74	1.06	283.9	
				Double, Clear	NW	0.0	0.0	40.0	24.30	1.00	971.8	
				Double, Clear	NW	0.0	0.0	16.0	24.30	1.00	388.7	
				Double, Clear	NW	8.0	7.0	30.0	24.30	1.03	748.5	
				Double, Clear	NW	8.0	6.0	8.0	24.30	1.03	200.0	
				Double, Clear	NW	8.0	3.0	5.0	24.30	1.04	125.8	
				Double, Clear	SW	1.5	7.0	15.0	16.74	1.04	261.7	
				Double, Clear	NE	1.5	7.0	15.0	23.57	1.00	354.9	
				Double, Clear	NE	1.5	5.0	12.0	23.57	1.01	285.7	
				As-Built Total:				**313.0**			**7015.2**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	448.0	3.60	1612.8	Frame, Wood, Exterior	13.0	1633.0	3.40	5552.2
Exterior	1633.0	3.70	6042.1	Frame, Wood, Adjacent	13.0	448.0	3.30	1478.4
Base Total:	**2081.0**		**7654.9**	**As-Built Total:**		**2081.0**		**7030.6**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	11.50	230.0	Exterior Insulated	50.0	8.40	420.0
Exterior	70.0	12.30	861.0	Exterior Insulated	20.0	8.40	168.0
				Adjacent Insulated	20.0	8.00	160.0
Base Total:	**90.0**		**1091.0**	**As-Built Total:**	**90.0**		**748.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	2282.0	2.05	4678.1	Under Attic	30.0	2922.0	2.05 X 1.00	5990.1
Base Total:	**2282.0**		**4678.1**	**As-Built Total:**		**2922.0**		**5990.1**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	276.0(p)	8.9	2456.4	Slab-On-Grade Edge Insulation	0.0	276.0(p	18.80	5188.8
Raised	300.0	0.96	288.0	Raised Wood, Adjacent	19.0	300.0	2.20	660.0
Base Total:			**2744.4**	**As-Built Total:**		**576.0**		**5848.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points			
	2282.0	-0.59	-1346.4		2282.0	-0.59	-1346.4			
Winter Base Points:			**20055.1**	**Winter As-Built Points:**						**25286.3**
Total Winter Points	X System Multiplier	= Heating Points		Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
20055.1	**0.6274**	**12582.6**		25286.3 **25286.3**	1.000 **1.00**	(1.069 x 1.169 x 1.10) **1.375**	0.397 **0.397**	1.000 **1.000**	13782.5 **13782.5**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , **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	2746.00	8238.0		40.0	0.89	3	1.00	2715.15	1.00	8145.4
				As-Built Total:						**8145.4**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
11789	**12583**	**8238**	**32609**	**10612**	**13782**	**8145**	**32540**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , 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 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.9

The higher the score, the more efficient the home.

Pries Residence, , , FL,

1. New construction or existing		New	__
2. Single family or multi-family		Single family	__
3. Number of units, if multi-family		1	__
4. Number of Bedrooms		3	__
5. Is this a worst case?		Yes	__
6. Conditioned floor area (ft²)		2282 ft²	__
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	313.0 ft²	__
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	__
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	__
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 276.0(p) ft	__
b. Raised Wood, Adjacent		R=19.0, 300.0ft²	__
c. N/A			
9. Wall types			__
a. Frame, Wood, Exterior		R=13.0, 1633.0 ft²	__
b. Frame, Wood, Adjacent		R=13.0, 448.0 ft²	__
c. N/A			
d. N/A			__
e. N/A			__
10. Ceiling types			__
a. Under Attic		R=30.0, 2922.0 ft²	__
b. N/A			__
c. N/A			
11. Ducts			__
a. Sup: Unc. Ret: Unc. AH: Attic		Sup. R=6.0, 210.0 ft	__
b. N/A			__
			__
			__
			__

12. Cooling systems		
a. Central Unit	Cap: 50.0 kBtu/hr	__
	SEER: 13.00	__
b. N/A		__
		__
c. N/A		__
		__
13. Heating systems		
a. Electric Heat Pump	Cap: 50.0 kBtu/hr	__
	HSPF: 8.60	__
b. N/A		__
		__
c. N/A		__
		__
14. Hot water systems		
a. Electric Resistance	Cap: 40.0 gallons	__
	EF: 0.89	__
b. N/A		__
		__
c. Conservation credits		__
(HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits		__
(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

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 850/488-1824.

EnergyGauge® (Version: FLR2PB v3.4)

05-002 D

TOL

NOTICE OF COMMENCEMENT

Permit No._____ Tax Folio No. _____

State of Florida
County of Columbia

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statues, the following information is provided in this Notice of Commencement.

1. Description of Property (Legal Description): SEE ATTACHED LEGAL

Street Address NW PARRISH COURT, LAKE CITY, FL 32055

2. General description of improvement: Single Family

3. Owner Information
   a. Name and Address: THOMAS J. PRIEST
   b. Interest in property: Fee Simple
   c. Name and address of fee simple titleholder (if other than owner): Same as owner above

4. Contractor (name and address): JENKINS CONTRACTING
   694 SW MAIN BLVD, LAKE CITY, FL 32025

5. Surety:
   a. Name and Address:
   b. Amount of Bond:

6. Lender: R-G Crown Bank 105 Live Oaks Gardens, Casselberry, FL 32707

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7 Florida Statues (name and address):

8. In addition to himself, Owner designates R-G Crown Bank, 105 Live Oaks Gardens, Casselberry, FL 32707 to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified):

Signature of Owner

Sworn to and subscribed before me, an officer duly authorized in the State and County aforesaid to administer oaths and take acknowledgement, this 2nd day of August 2005.

My commission expires:

Notary Public

Martha Bryan
Commission # DD232534
Expires August 10, 2007
Bonded Troy Fain - Insurance, Inc. 800-365-7019

Inst:2005019955 Date:08/17/2005 Time:10:34
MK DC,P.DeWitt Cason,Columbia County B:1055 P:1092

DOC #:552078 APPL #:0206007881

CB075

05Y-07096KW

Exhibit A

TRACT 3

PART OF THE NW ¼ OF THE NE ¼, SECTION 20, TOWNSHIP 2 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLOIRDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NW CORNER OF THE SAID NW ¼ OF NE ¼ OF SECTION 20, AS MARKED BY A 2" IRON PIPE, THENCE S 01°55'22" W ALONG THE WEST LINE THEREOF, 1,005.34 FEET; THENCE S 89°13'55" E, A DISTANCE OF 754.53 FEET TO A CONCRETE MONUMENT AND THE POINT OF BEGINNING; THENCE N 03°01'38" E, A DISTANCE OF 845.24 FEET; THENCE N 87°44'41" W, A DISTANCE OF 346.33 FEET; THENCE S 00°41'56" W, A DISTANCE OF 368.43 FEET; THENCE SOUTH ALONG THE ARC OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 40.00 FEET AND A CENTRAL ANGLE OF 94°51'40" A DISTANCE OF 66.22 FEET; THENCE S 35°50'46" E, A DISTANCE OF 531.73 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH A NON-EXCLUSIVE PERPETUAL EASEMENT OVER AND ACROSS THE FOLLOWING DESCRIBED PROPERTY:

COMMENCE AT THE NORTHWEST CORNER OF THE NE ¼, SECTION 20, TOWNSHIP 2 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE N 89°17'54" E, ALONG THE NORTH LINE OF SAID SECTION 20, 382.86 FEET TO THE WEST LINE OF SAID EASEMENT AND TO THE POINT OF BEGINNING; THENCE N 00°41'56" E, ALONG SAID WEST LINE OF EASEMENT, 552.14 FEET TO THE SOUTH LINE OF CORINTH CHURCH ROAD, THENCE N 83°58'34" E, ALONG SAID SOUTH LINE, 40.28 FEET; THENCE S 00°41'56" W, ALONG THE EAST LINE OF SAID EASEMENT, 1085.13 FEET TO A POINT ON THE PERIMETER OF A CUL-DE-SAC, THENCE ALONG SAID PERIMETER ALONG A CURVE CONCAVE TO THE RIGHT HAVING A RADIUS OF 40 FEET AND A CENTRAL ANGLE OF 297°48'22", AN ARC DISTANCE OF 207.91 FEET TO SAID WEST LINE OF EASEMENT; THENCE N 00°41'56" E ALONG SAID WEST LINE, 517.92 FEET TO THE POINT OF BEGINNING.

Inst:2005019955 Date:08/17/2005 Time:10:34
_____DC,P.DeWitt Cason,Columbia County B:1055 P:1093

This Instrument Prepared by & return to:
Name: ***KIM WATSON, an employee of TITLE OFFICES, LLC***
Address: ***1089 SW MAIN BLVD. LAKE CITY, FLORIDA 32025***
File No. 05Y-07096KW

Parcel I.D. #: ***04738-009***

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS "CORRECTIVE" WARRANTY DEED

Made the ***2nd*** *day of* ***August****, A.D.* ***2005****, by* ***KEVIN LEROY WALTERS, SR. AND TERRI RAE PARRISH WALTERS, HIS WIFE*** *, hereinafter called the grantor, to* ***THOMAS J. PRIEST*** *and* ***AMANDA J. PRIEST****, HIS WIFE,* *whose post office address is* ***127 SW VERNON WAY, LAKE CITY, FLORIDA 32024,*** *hereinafter called the grantees:*

(Wherever used herein the terms "grantor" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: *That the grantor, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in* ***Columbia County, State of FLORIDA****, viz:*

TRACT 3

PART OF THE NW ¼ OF THE NE ¼, SECTION 20, TOWNSHIP 2 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLOIRDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NW CORNER OF THE SAID NW ¼ OF NE ¼ OF SECTION 20, AS MARKED BY A 2" IRON PIPE, THENCE S 01°55'22" W ALONG THE WEST LINE THEREOF, 1,005.34 FEET; THENCE S 89°13'55" E, A DISTANCE OF 754.53 FEET TO A CONCRETE MONUMENT AND THE POINT OF BEGINNING; THENCE N 03°01'38" E, A DISTANCE OF 845.24 FEET; THENCE N 87°44'41" W, A DISTANCE OF 346.33 FEET; THENCE S 00°41'56" W, A DISTANCE OF 368.43 FEET; THENCE SOUTH ALONG THE ARC OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 40.00 FEET AND A CENTRAL ANGLE OF 94°51'40" A DISTANCE OF 66.22 FEET; THENCE S 35°50'46" E, A DISTANCE OF 531.73 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH A NON-EXCLUSIVE PERPETUAL EASEMENT OVER AND ACROSS THE FOLLOWING DESCRIBED PROPERTY:

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THIS DEED IS BEING RECORDED TO CORRECT LEGAL DESCRIPTION AND ADD MARITAL STATUS ON QUIT-CLAIM DEED RECORDED IN O.R. BOOK 1047, PAGE 2996.

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

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

And *the grantor hereby covenants with said grantees that he is lawfully seized of said land in fee simple; that he has good right and lawful authority to sell and convey said land, and hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.*

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

Signed, sealed and delivered in the presence of:

Witness Signature

Keisha Green
Printed Name

Witness Signature

Joseph M Parrish
Printed Name

L.S.
KEVIN LEROY WALTERS, SR.
Address:

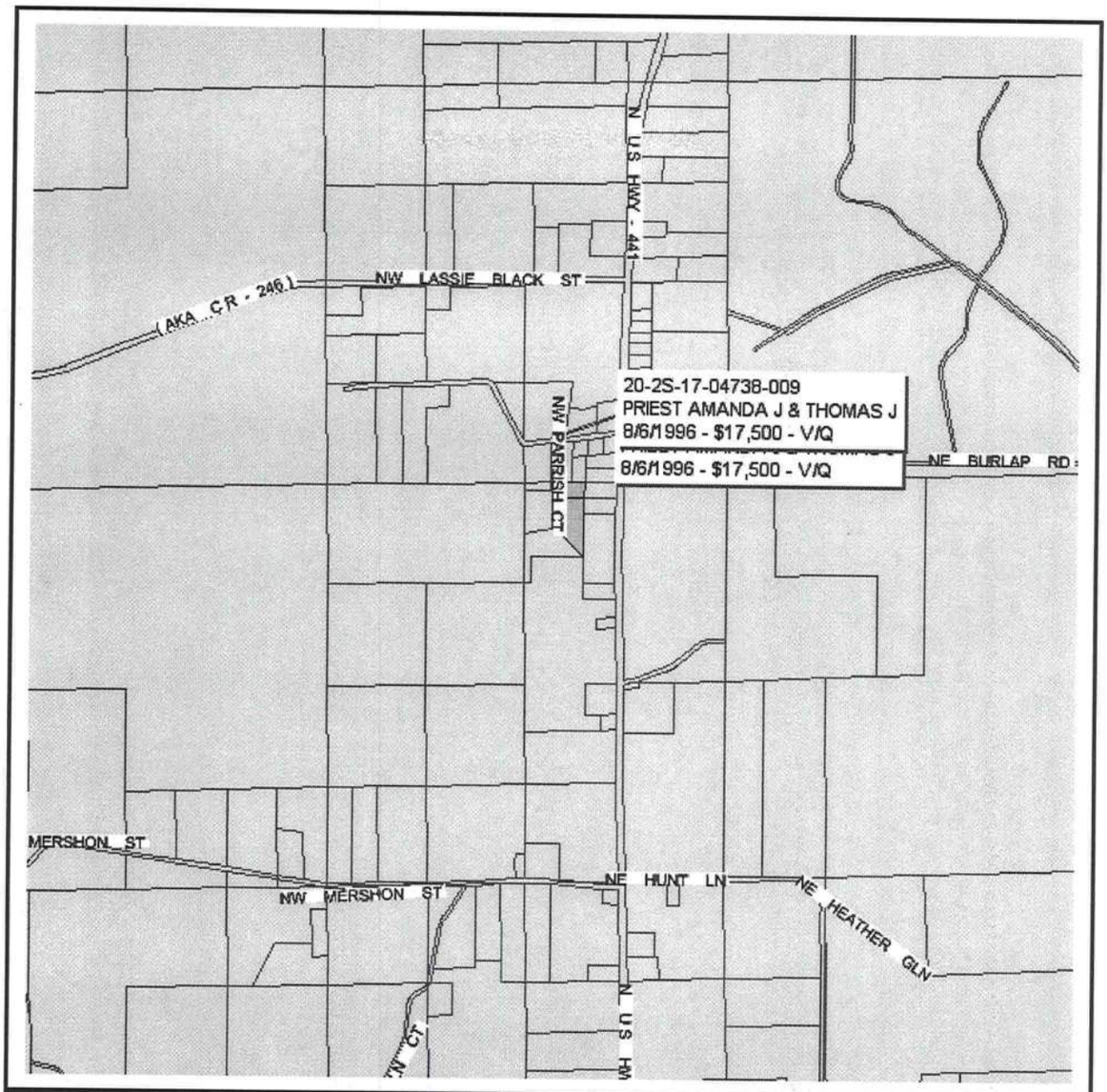
TERRI RAE PARRISH WALTERS

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this **2nd** *day of* **August, 2005**, *by WALTERS LEROY WALTERS, SR. AND TERRI RAE PARRISH WALTERS, HIS WIFE, who is known to me or who has produced* _____ *as identification.*

Mia Green
Notary Public
My commission expires Mar 22, 2009

MIA GREEN
Notary Public - State of Florida
My Commission Expires Mar 22, 2009
Commission # DD 410176
Bonded By National Notary Assn.



Columbia County Property Appraiser

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

PARCEL: 20-2S-17-04738-009 - NO AG ACRE (009900)

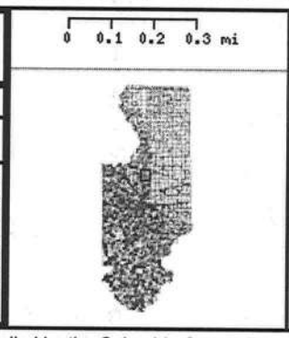
COMM NW COR OF NE1/4, RUN S 1005.34 FT, E 754.53 FT FOR POB, RUN N 1016.75 FT,W 354.85

Name: PRIEST AMANDA J & THOMAS J
Site:
Mail: 127 SW VERNON WAY
LAKE CITY, FL 32024

Sales Info

5/24/2005	$100.00	V / U
8/6/1996	$17,500.00	V / Q
4/1/1996	$17,500.00	V / U

LandVal	$19,809.00
BldgVal	$0.00
ApprVal	$19,809.00
JustVal	$19,809.00
Assd	$19,809.00
Exmpt	$0.00
Taxable	$19,809.00



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

05-002-A
XC: PERMIT
PRIEST

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 1787 * Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

RECEIVED
SEP 16 2005
Jenkins Contracting LLC
Lake City

DATE ISSUED: September 16, 2005

ENHANCED 9-1-1 ADDRESS:

317 NW PARRISH CT (LAKE CITY, FL 32055)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS:

PROPERTY APPRAISER PARCEL NUMBER: 20-2S-17-04738-009

Other Contact Phone Number (If any):

Building Permit Number (If known):

Remarks:

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave
Lake City, FL. 32025
Phone 386-752-6677
Fax 386-752-1477

Building Permit # _____ Owner's Name Thomas + Amanda Priest

Well Depth _____ Ft. Casing Depth _____ Ft. Water Level _____ Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Red Jacket Pump Model VOF211-2068 HP 1

System Pressure (PSI) _____ On 30 Off 50 Average Pressure 40

Pumping System GPM at average pressure and pumping level 20 (GPM)

Tank Installation: Bladder /Galvanized Make Challenger
Model PC244 Size 81

Tank Draw-down per cycle at system pressure 25.1 gallons

I HEREBY VERTIFY THAT THIS WATER WELL SYSTEM HAS BEEN INSTALLED AS PER THE ABOVE INFORMATION.

Linda Newcomb
Signature

Linda Newcomb
Print Name

2609
License Number

9-20-05
Date

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 20-2S-17-04738-009 **Building permit No.** 000023736

Use Classification SFD,UTILITY **Fire:** 24.78

Permit Holder JENKINS CONTR/MICHAEL JEKINS **Waste:** 36.75

Owner of Building THOMAS & AMANDA PRIEST **Total:** 61.53

Location: 317 NW PARRISH COURT, LAKE CITY, FL

Date: 07/28/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

COLUMBIA COUNTY BUILDING DEPARTMENT

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

Floor Plan including:

a) Rooms labeled and dimensioned

b) Shear walls

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

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

e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails — See NOTE 1

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

Foundation Plan including:

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

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

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

d) Location of any vertical steel

Roof System:

a) Truss package including:

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

b) Conventional Framing Layout including: — See NOTE 2

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

Wall Sections including:

a) Masonry wall

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

☑ ☐ **b) Wood frame wall**

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

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

Floor Framing System:

☑ ☐ See Note 3 a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☑ ☐ b) Floor joist size and spacing

☑ ☐ c) Girder size and spacing

☑ ☐ d) Attachment of joist to girder

☑ ☐ e) Wind load requirements where applicable

☑ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

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

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

☑ ☐ f) Appliances and HVAC equipment

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

HVAC information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathroom

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

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

☑ ☐ **Disclosure Statement for Owner Builders**

☑ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done**

☑ ☐ **Private Potable Water**

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

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

4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations.
   CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.
   A development permit will also be required. Development permit cost is **$50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

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

Project Information for:	L121546		
Builder:	MICHAEL JENKINS	Date:	7/18/2005
Lot:	N/A (PRIEST RES.)	Start Number:	861
Subdivision:	PARACEL ID# 20-2S-17-0473		
County or City:	COLUMBIA COUNTY		
Truss Page Count:	55		

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

Gravity		Wind		Building Code:	FBC2001
Roof (psf):	42	Wind Standard:	ASCE 7-98		
Floor (psf):	55	Wind Speed (mph):	110		

Note: See individual truss drawings for special loading conditions

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

JENKINS, MICHAEL C. CGC1507486
Address: PO BOX 1734
LAKE CITY, FL. 32056
Designer: 42

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

Notes:
1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI 1-1995 Section 2.2
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	071805861	7/18/2005	41	T30	071805901	7/18/2005
2	CJ3	071805862	7/18/2005	42	T31	071805902	7/18/2005
3	CJ5	071805863	7/18/2005	43	T33G	071805903	7/18/2005
4	EJ2	071805864	7/18/2005	44	T34	071805904	7/18/2005
5	EJ6A	071805865	7/18/2005	45	T35	071805905	7/18/2005
6	EJ7	071805866	7/18/2005	46	T36	071805906	7/18/2005
7	FG02	071805867	7/18/2005	47	T37	071805907	7/18/2005
8	FG01	071805868	7/18/2005	48	T39G	071805908	7/18/2005
9	HJ9	071805869	7/18/2005	49	T40	071805909	7/18/2005
10	PB06	071805870	7/18/2005	50	T42	071805910	7/18/2005
11	PB06A	071805871	7/18/2005	51	T44	071805911	7/18/2005
12	T01	071805872	7/18/2005	52	T45	071805912	7/18/2005
13	T02	071805873	7/18/2005	53	T46	071805913	7/18/2005
14	T03	071805874	7/18/2005	54	T47	071805914	7/18/2005
15	T04	071805875	7/18/2005	55	T48	071805915	7/18/2005
16	T05	071805876	7/18/2005				
17	T06	071805877	7/18/2005				
18	T07	071805878	7/18/2005				
19	T08	071805879	7/18/2005				
20	T09	071805880	7/18/2005				
21	T10G	071805881	7/18/2005				
22	T11	071805882	7/18/2005				
23	T12	071805883	7/18/2005				
24	T13	071805884	7/18/2005				
25	T14	071805885	7/18/2005				
26	T15	071805886	7/18/2005				
27	T16	071805887	7/18/2005				
28	T17G	071805888	7/18/2005				
29	T18	071805889	7/18/2005				
30	T19	071805890	7/18/2005				
31	T20	071805891	7/18/2005				
32	T21	071805892	7/18/2005				
33	T22	071805893	7/18/2005				
34	T23	071805894	7/18/2005				
35	T24	071805895	7/18/2005				
36	T25	071805896	7/18/2005				
37	T26	071805897	7/18/2005				
38	T27	071805898	7/18/2005				
39	T28	071805899	7/18/2005				
40	T29	071805900	7/18/2005				

JUL 18 2005

Dwg.#071805860

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Name:	**JENKINS, MICHAEL CHRISTIAN (Primary Na** **JENKINS CONTRACTING LLC (DBA Name)**
Main Address:	**PO BOX 1734** **LAKE CITY Florida 32056**
County:	**COLUMBIA**
License Mailing:	
LicenseLocation:	**9016 SW CR 240** **LAKE CITY FL 32024**
County:	**COLUMBIA**

License Information

License Type:	**Certified General Contractor**
Rank:	**Cert General**
License Number:	**CGC1507486**
Status:	**Current,Active**
Licensure Date:	**07/09/2004**
Expires:	**08/31/2006**
Special Qualifications	**Qualification Effective**

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JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
18105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	CJ1	MONO TRUSS	8	1	Job Reference (optional)

Dwg.#071805861

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:12:46 2005 Page 1

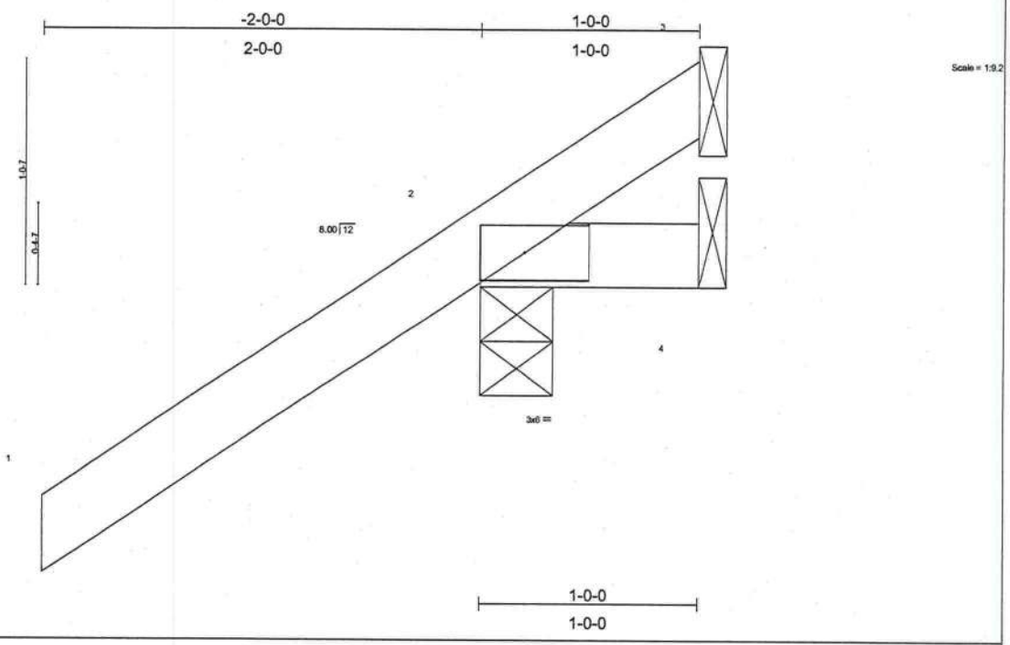


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 7 lb	

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

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

REACTIONS (lb/size) 2=267/0-4-0, 4=14/Mechanical, 3=-91/Mechanical
Max Horz 2=116(load case 5)
Max Uplift2=-295(load case 5), 3=-91(load case 1)
Max Grav 2=267(load case 1), 4=14(load case 1), 3=147(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/59, 2-3=-85/102
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 295 lb uplift at joint 2 and 91 lb uplift at joint 3.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	CJ3	MONO TRUSS	8	1	Job Reference (optional)

Dwg.#071805862

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:12:48 2005 Page 1

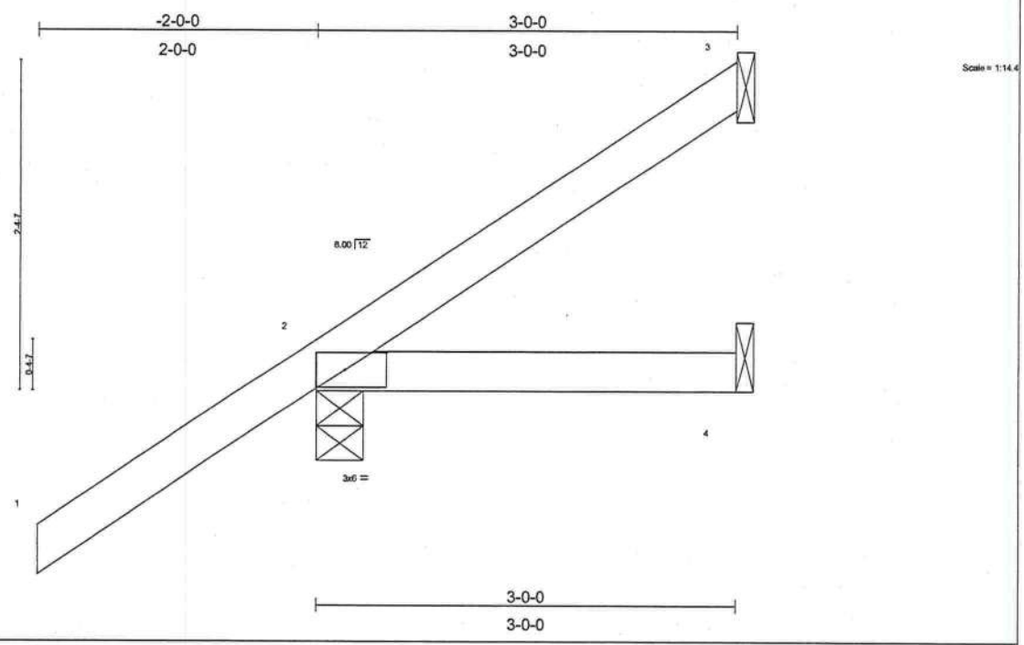


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 14 lb	

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

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

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
Max Horz 2=175(load case 5)
Max Uplift3=-28(load case 4), 2=-199(load case 5)
Max Grav 3=33(load case 3), 2=279(load case 1), 4=42(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-71/18
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3 and 199 lb uplift at joint 2.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	CJ5	MONO TRUSS	8	1	Job Reference (optional)

Dwg.#071805863

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:12:48 2005 Page 1

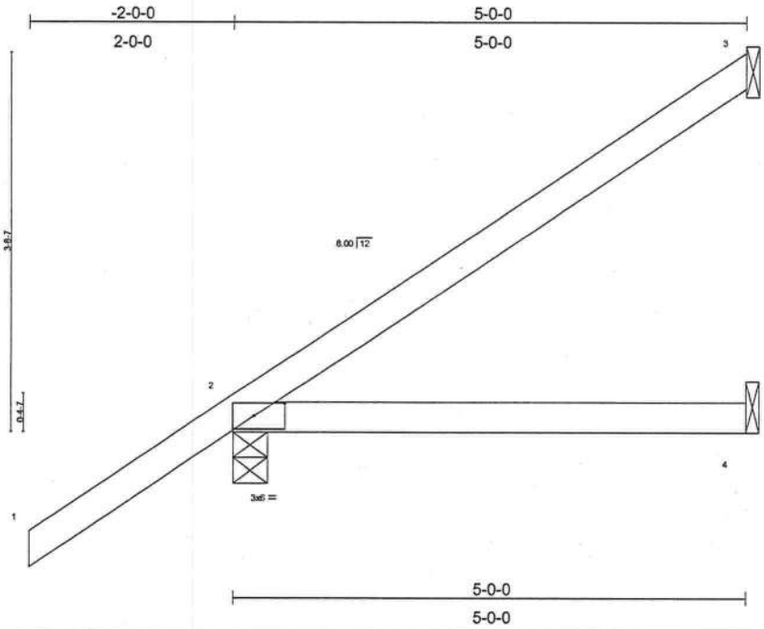


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.14	Vert(TL)	-0.04	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2001/ANSI95		(Matrix)							Weight: 20 lb	

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

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

REACTIONS (lb/size) 3=102/Mechanical, 2=344/0-4-0, 4=72/Mechanical
Max Horz 2=237(load case 5)
Max Uplift3=-105(load case 5), 2=-182(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-90/44
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 105 lb uplift at joint 3 and 182 lb uplift at joint 2.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	EJ2	MONO TRUSS	3	1	Job Reference (optional)

Dwg.#071805864

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:12:49 2005 Page 1

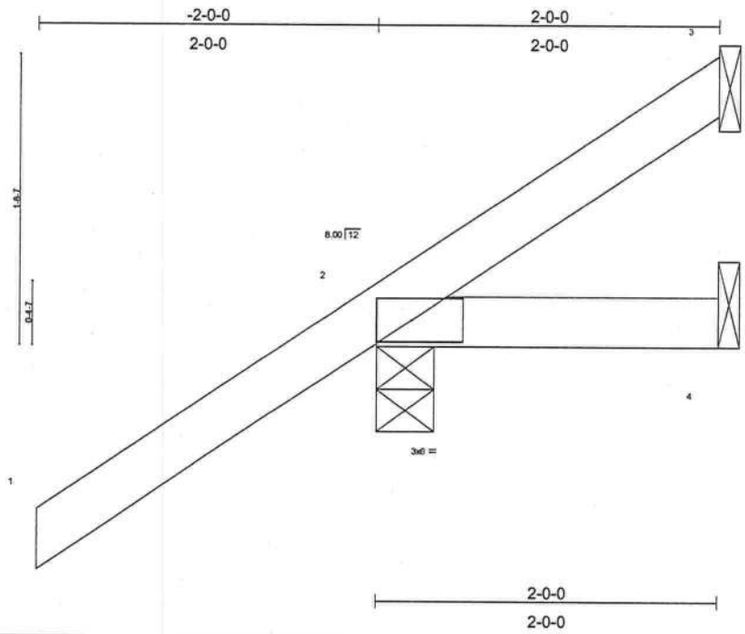


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 10 lb	

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

BRACING
TOP CHORD Sheathed or 2-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=249/0-4-0, 4=29/Mechanical, 3=-4/Mechanical
Max Horz 2=146(load case 5)
Max Uplift2=-234(load case 5), 4=-23(load case 3), 3=-10(load case 4)
Max Grav 2=249(load case 1), 4=29(load case 1), 3=31(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/59, 2-3=-63/19
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust): h=20ft; 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.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 234 lb uplift at joint 2, 23 lb uplift at joint 4 and 10 lb uplift at joint 3.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	EJ6A	JACK	1	1	Job Reference (optional)

Dwg.#071805865

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:12:50 2005 Page 1

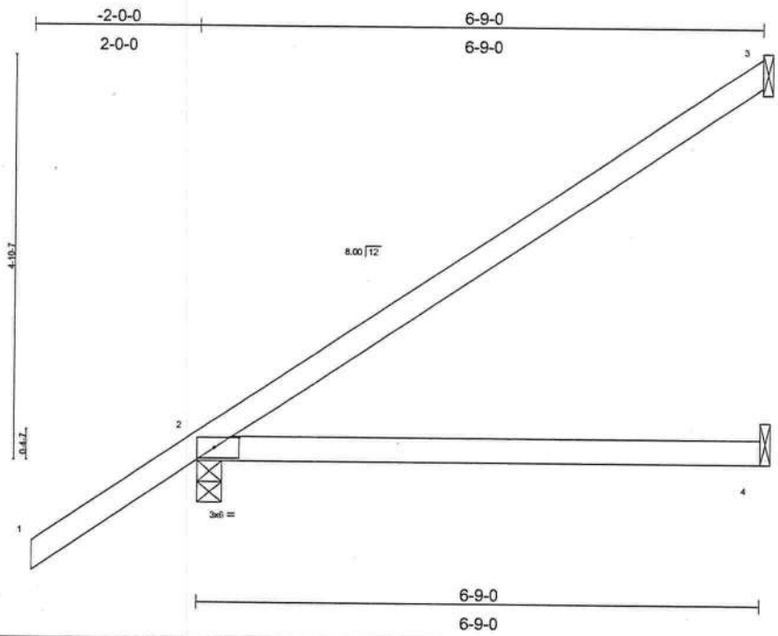


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.09	2-4	>868	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.14	2-4	>579	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 26 lb	

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

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

REACTIONS (lb/size) 3=158/Mechanical, 2=410/0-3-8, 4=98/Mechanical
Max Horz 2=291(load case 5)
Max Uplift3=-167(load case 5), 2=-181(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-133/69
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 167 lb uplift at joint 3 and 181 lb uplift at joint 2.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	EJ7	MONO TRUSS	25	1	Job Reference (optional)

Dwg.#071805866

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:12:50 2005 Page 1

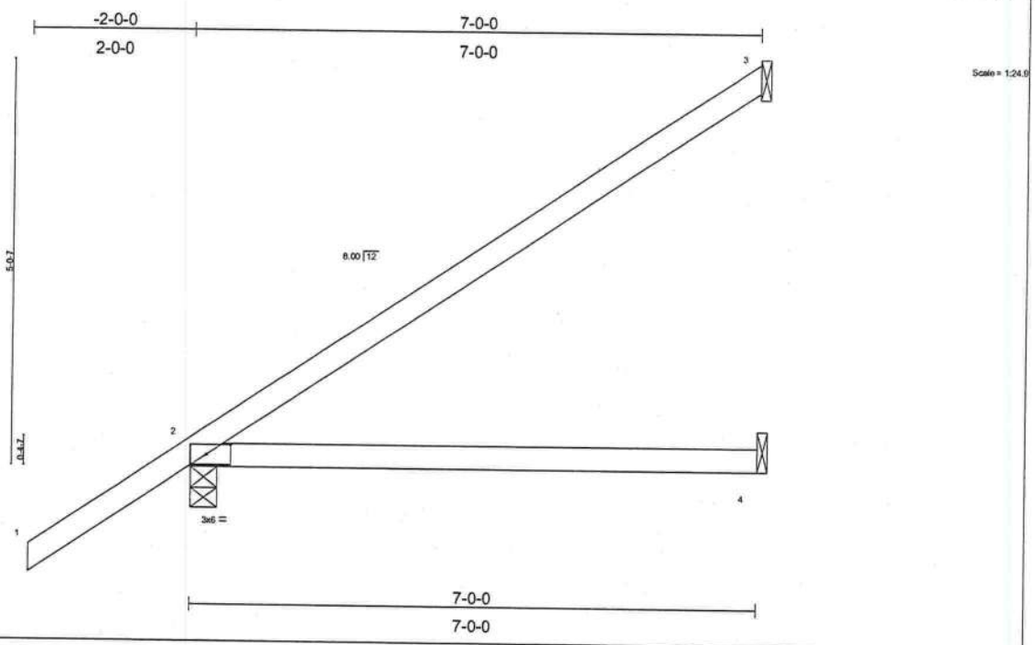


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.10	2-4	>783	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.16	2-4	>522	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2001/ANSI95		(Matrix)							Weight: 27 lb	

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

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

REACTIONS (lb/size) 3=164/Mechanical, 2=420/0-4-0, 4=102/Mechanical
Max Horz 2=298(load case 5)
Max Uplift3=-175(load case 5), 2=-182(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-139/72
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 175 lb uplift at joint 3 and 182 lb uplift at joint 2.

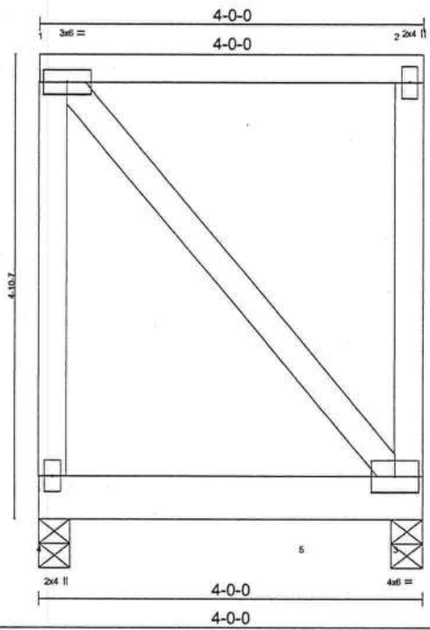
LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	FG02	SPECIAL	1	2	Job Reference (optional)

Dwg.#071805867

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:12:51 2005 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	0.09	Vert(LL)	-0.03	3-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.04	3-4	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 71 lb	

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

BRACING
TOP CHORD Sheathed or 4-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=763/0-4-0, 3=1496/0-4-0
Max Uplift4=-288(load case 2), 3=-565(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-4=-100/70, 1-2=0/0, 2-3=-100/70
BOT CHORD 4-5=-0/0, 3-5=-0/0
WEBS 1-3=-0/0

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
4) Provide adequate drainage to prevent water ponding.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 288 lb uplift at joint 4 and 565 lb uplift at joint 3.
6) Girder carries tie-in span(s): 6-9-0 from 0-0-0 to 2-10-8
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1695 lb down and 640 lb up at 2-10-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 4-5=-123(F=-93), 3-5=-30
Concentrated Loads (lb)
Vert: 5=-1695(F)

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	FGO1	SPECIAL	1	2	Job Reference (optional)

Dwg.#071805868

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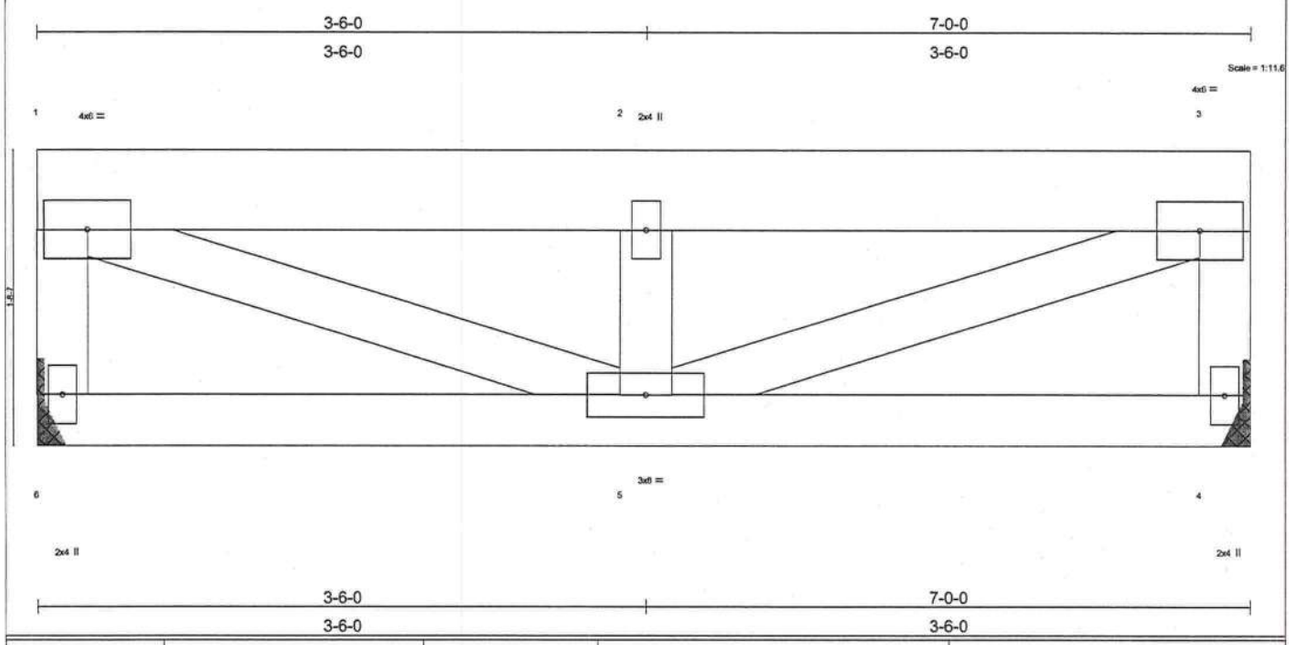

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.06	Vert(LL)	0.01	5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.01	5	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.14	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 81 lb	

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

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=584/Mechanical, 4=584/Mechanical
Max Uplift6=-220(load case 2), 4=-220(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-6=-537/225, 1-2=-809/305, 2-3=-809/305, 3-4=-537/225
BOT CHORD 5-6=-0/0, 4-5=-0/0
WEBS 1-5=-328/870, 2-5=-533/273, 3-5=-328/870

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
4) Provide adequate drainage to prevent water ponding.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 220 lb uplift at joint 6 and 220 lb uplift at joint 4.
7) Girder carries tie-in span(s): 2-0-0 from 0-0-0 to 7-0-0

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-144, 4-6=-30

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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	HJ9	MONO TRUSS	4	1	Job Reference (optional)

Dwg.#071805869

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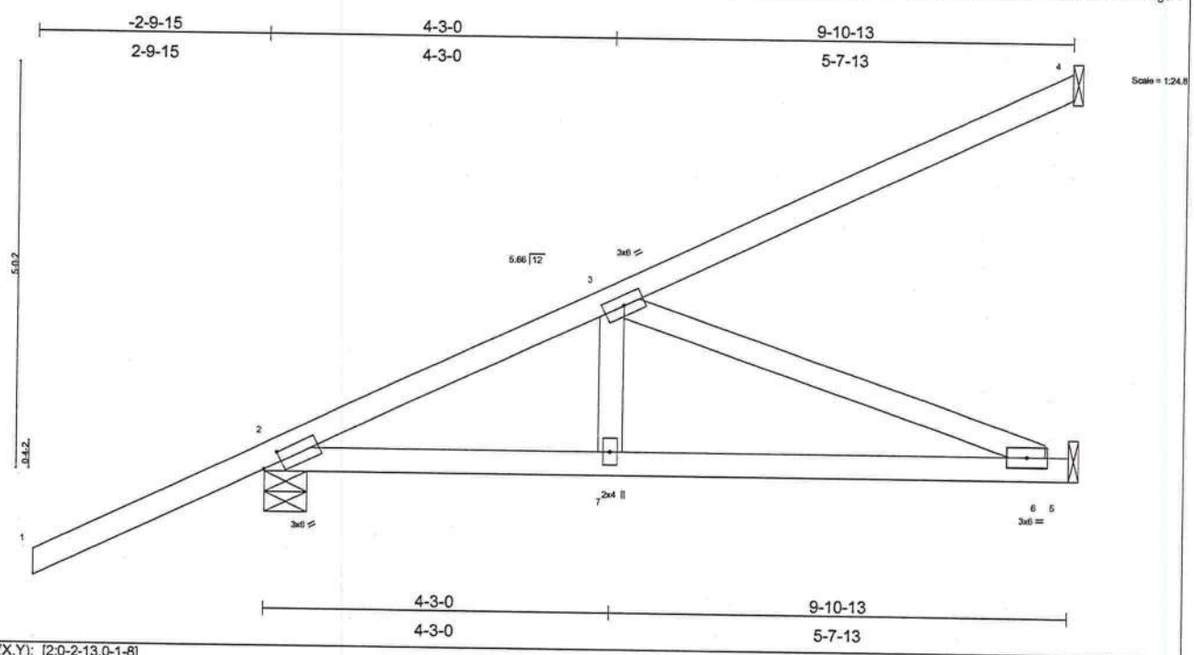

Plate Offsets (X,Y): [2:0-2-13,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.09	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.13	6-7	>907	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.40	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 47 lb	

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

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

REACTIONS (lb/size) 4=267/Mechanical, 2=537/0-6-7, 5=375/Mechanical
Max Horz 2=364(load case 4)
Max Uplift4=-268(load case 4), 2=-240(load case 4), 5=-80(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-699/5, 3-4=-150/83
BOT CHORD 2-7=-277/614, 6-7=-277/614, 5-6=0/0
WEBS 3-7=0/179, 3-6=-657/296

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 268 lb uplift at joint 4, 240 lb uplift at joint 2 and 80 lb uplift at joint 5.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-4(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=0(F=15, B=15)-to-5=-74(F=-22, B=-22)

JULY 18, 2005 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	PB06	PIGGYBACK	2	1	Job Reference (optional)

Dwg.#071805870

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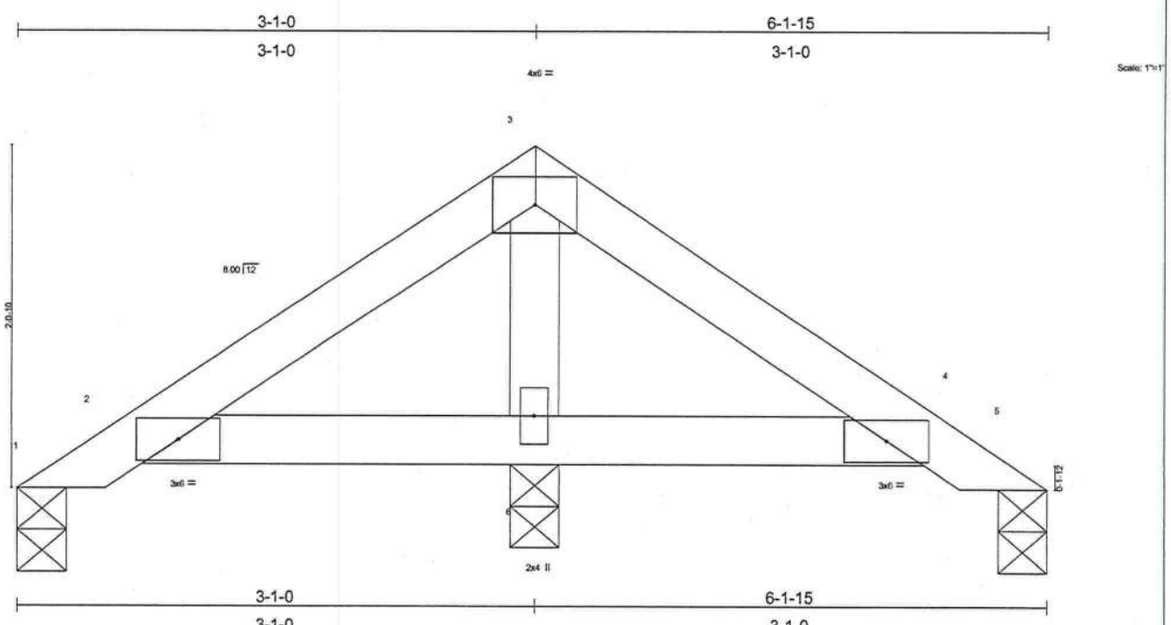

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.07	Vert(LL)	-0.00	4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.00	4-6	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 20 lb	

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

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

REACTIONS (lb/size) 1=44/0-3-8, 5=44/0-3-8, 6=384/0-3-8
Max Horz 1=68(load case 4)
Max Uplift1=-15(load case 6), 5=-31(load case 6), 6=-115(load case 5)
Max Grav 1=60(load case 7), 5=60(load case 8), 6=384(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-58/63, 2-3=-48/145, 3-4=-42/145, 4-5=-30/21
BOT CHORD 2-6=-84/85, 4-6=-84/85
WEBS 3-6=-270/153

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; 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) 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 15 lb uplift at joint 1, 31 lb uplift at joint 5 and 115 lb uplift at joint 6.

LOAD CASE(S) Standard

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	PB06A	HIP CAP	1	1	Job Reference (optional)

Dwg.#07180587

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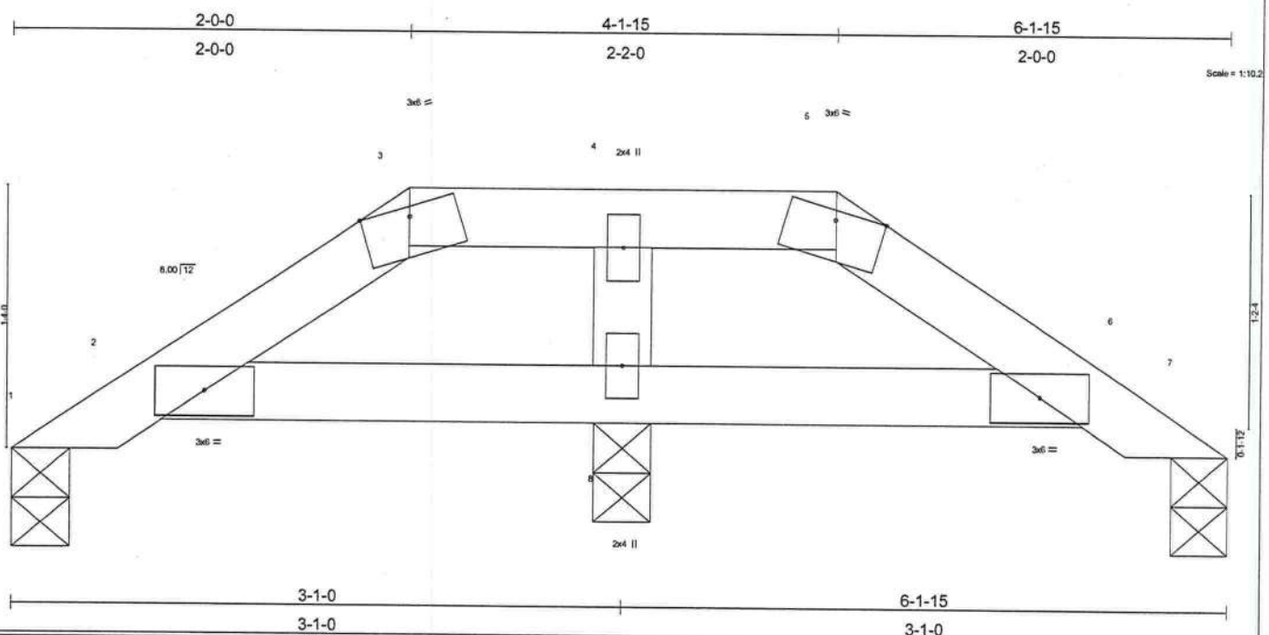

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.08	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 18 lb	

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

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

REACTIONS (lb/size) 1=84/0-3-8, 7=84/0-3-8, 8=302/0-3-8
Max Horz 1=-44(load case 3)
Max Uplift1=-34(load case 5), 7=-42(load case 6), 8=-79(load case 4)
Max Grav 1=89(load case 7), 7=89(load case 8), 8=302(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-45/41, 2-3=-27/43, 5-6=-27/43, 6-7=-45/33, 3-4=-7/53, 4-5=-7/53
BOT CHORD 2-8=-22/24, 6-8=-22/24
WEBS 4-8=-172/138

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 34 lb uplift at joint 1, 42 lb uplift at joint 7 and 79 lb uplift at joint 8.

LOAD CASE(S) Standard

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THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T01	HIP	1	1	Job Reference (optional)

Dwg.#071805872

Builders FirstSource, Lake City, Fl 32055

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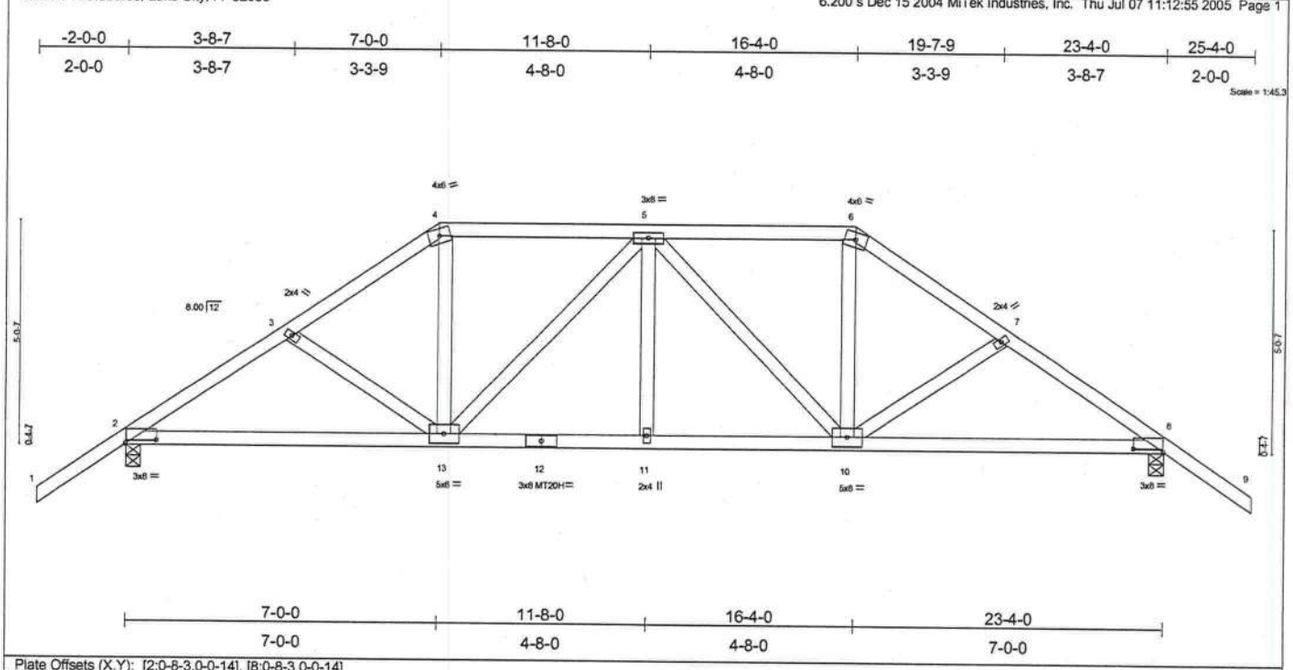

Plate Offsets (X,Y): [2:0-8-3,0-0-14], [8:0-8-3,0-0-14]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	0.13	11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.65	Vert(TL)	-0.18	11-13	>999	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.47	Horz(TL)	0.08	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 131 lb	

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

BRACING
TOP CHORD Sheathed or 3-6-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-0-4 oc bracing.

REACTIONS (lb/size) 2=2074/0-4-0, 8=2074/0-4-0
Max Horz 2=-171(load case 2)
Max Uplift2=-1129(load case 4), 8=-1129(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-3073/1673, 3-4=-2951/1694, 4-5=-2476/1477, 5-6=-2476/1477, 6-7=-2951/1694, 7-8=-3073/1674, 8-9=0/60
BOT CHORD 2-13=-1447/2451, 12-13=-1700/2876, 11-12=-1700/2876, 10-11=-1700/2876, 8-10=-1277/2451
WEBS 3-13=-176/89, 4-13=-603/1230, 5-13=-638/481, 5-11=0/284, 5-10=-638/480, 6-10=-602/1230, 7-10=-177/89

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1129 lb uplift at joint 2 and 1129 lb uplift at joint 8.
6) Girder carries hip end with 7-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 410 lb up at 16-4-0, and 539 lb down and 410 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-4=-54, 4-6=-117(F=-63), 6-9=-54, 2-13=-30, 10-13=-65(F=-35), 8-10=-30
Concentrated Loads (lb)
Vert: 13=-539(F) 10=-539(F)

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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T02	HIP	1	1	Dwg.#071805873

Job Reference (optional)

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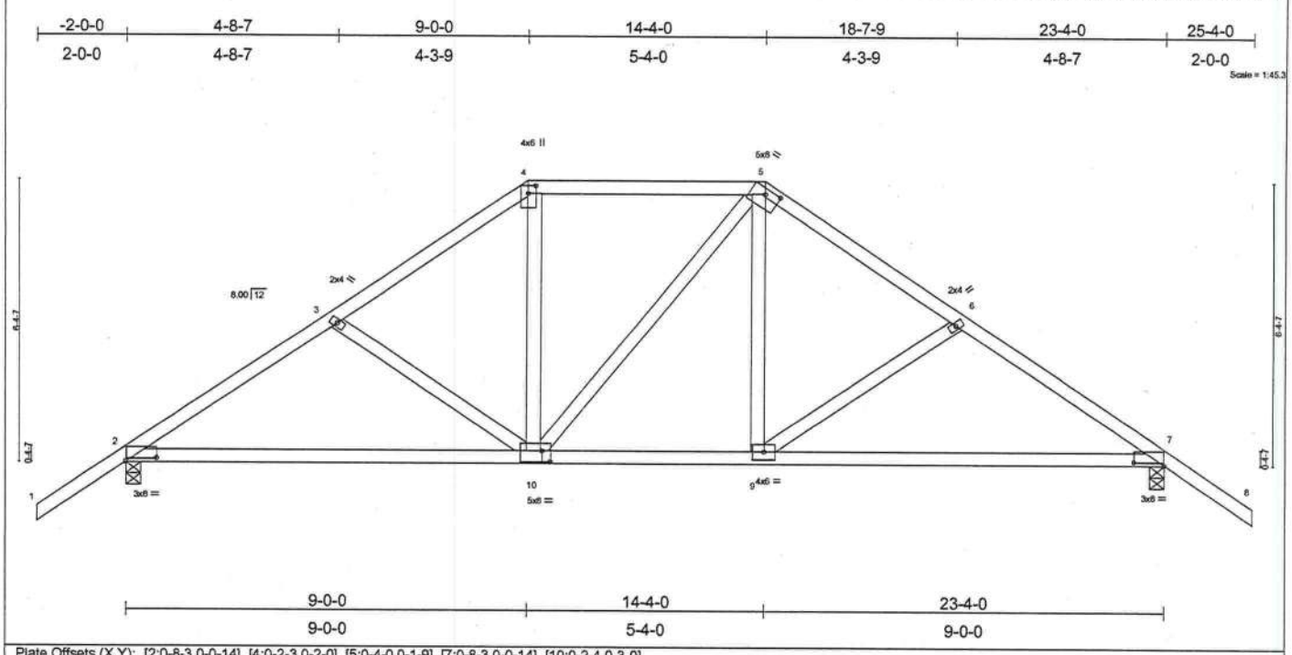

Plate Offsets (X,Y): [2:0-8-3,0-0-14], [4:0-2-3,0-2-0], [5:0-4-0,0-1-9], [7:0-8-3,0-0-14], [10:0-2-4,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.15	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.23	7-9	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.14	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 126 lb	

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

BRACING
TOP CHORD Sheathed or 5-5-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1083/0-4-0, 7=1083/0-4-0
Max Horz 2=-217(load case 3)
Max Uplift2=-390(load case 5), 7=-390(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1325/480, 3-4=-1127/437, 4-5=-890/424, 5-6=-1126/437, 6-7=-1325/480, 7-8=0/60
BOT CHORD 2-10=-328/1053, 9-10=-148/889, 7-9=-218/1053
WEBS 3-10=-207/205, 4-10=-68/324, 5-10=-127/127, 5-9=-65/325, 6-9=-208/205

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 390 lb uplift at joint 2 and 390 lb uplift at joint 7.

LOAD CASE(S) Standard

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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T03	HIP	1	1	Job Reference (optional)

Dwg.#071805874

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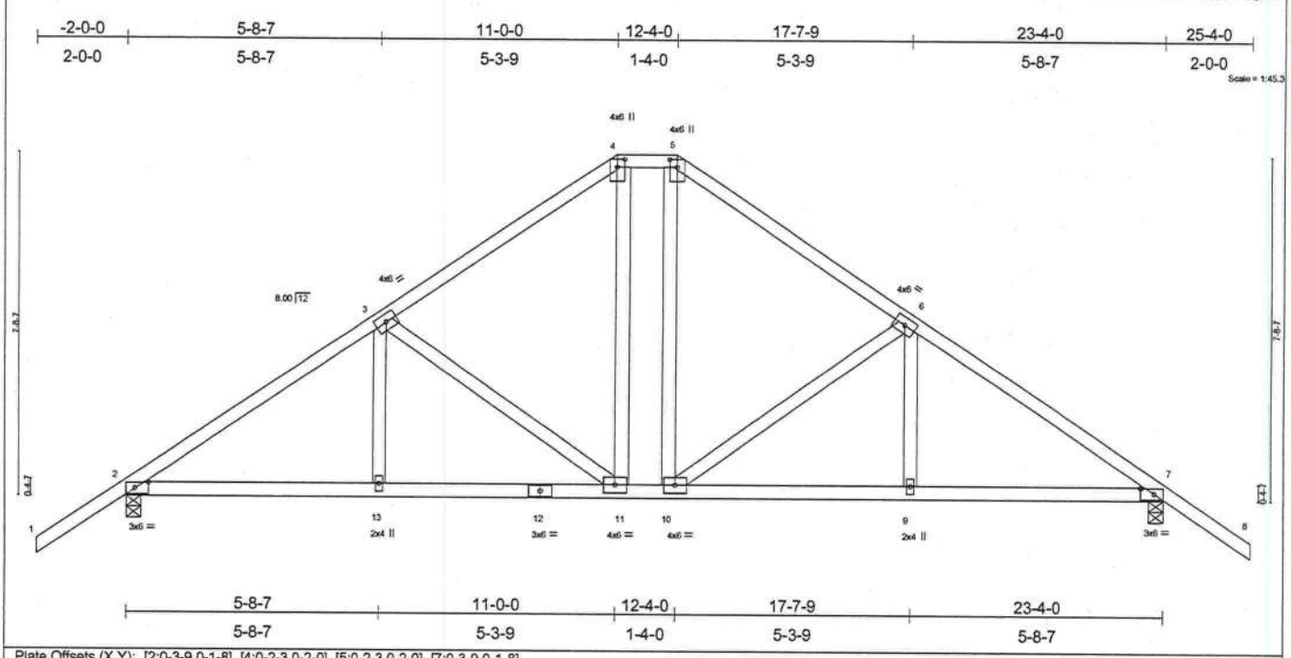

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [4:0-2-3,0-2-0], [5:0-2-3,0-2-0], [7:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.07	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.09	11-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 134 lb	

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

BRACING
TOP CHORD Sheathed or 5-4-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1083/0-4-0, 7=1083/0-4-0
Max Horz 2=-264(load case 3)
Max Uplift2=-405(load case 5), 7=-405(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1394/439, 3-4=-981/415, 4-5=-752/411, 5-6=-981/415, 6-7=-1394/439, 7-8=0/60
BOT CHORD 2-13=-301/1078, 12-13=-301/1078, 11-12=-301/1078, 10-11=-92/752, 9-10=-177/1078, 7-9=-177/1078
WEBS 3-13=0/193, 3-11=-432/256, 4-11=-121/328, 5-10=-121/328, 6-10=-432/257, 6-9=0/193

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 405 lb uplift at joint 2 and 405 lb uplift at joint 7.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T04	COMMON	7	1	Job Reference (optional)

Dwg.#071805875

Builders FirstSource, Lake City, Fl 32055

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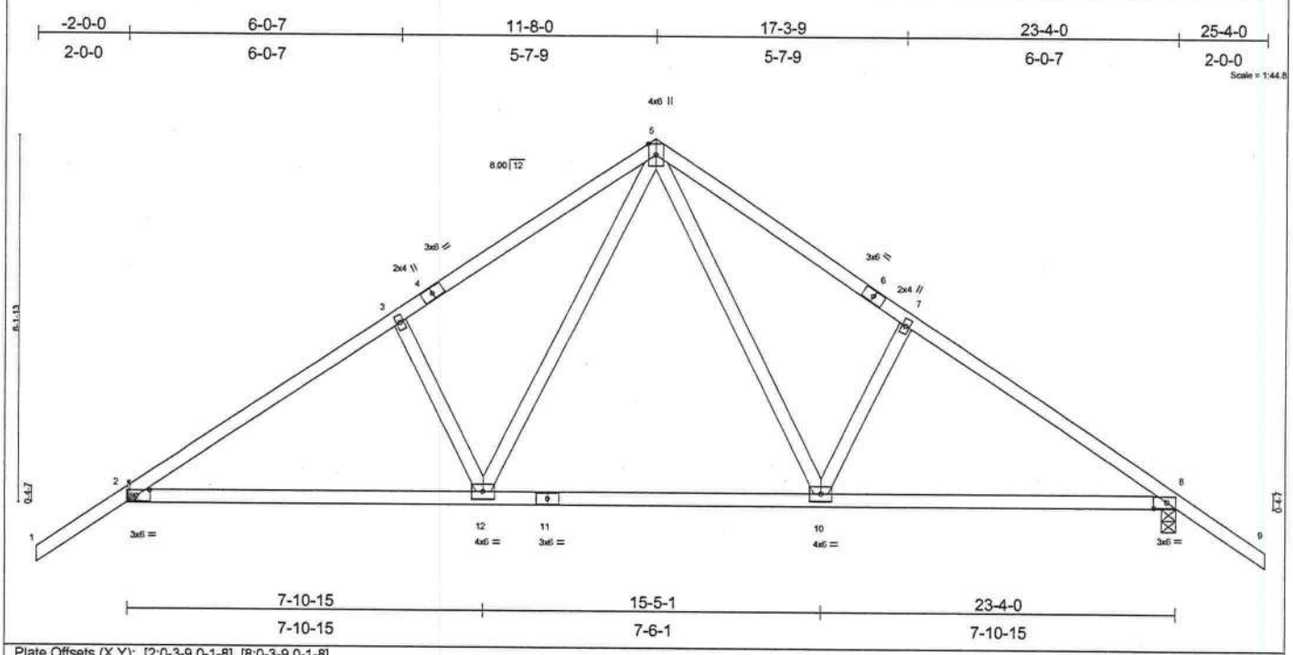

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [8:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.10	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.14	2-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.30	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 122 lb	

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

BRACING
TOP CHORD Sheathed or 5-5-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1083/Mechanical, 8=1083/0-4-0
Max Horz 2=-278(load case 3)
Max Uplift2=-409(load case 5), 8=-409(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1345/444, 3-4=-1204/483, 4-5=-1117/507, 5-6=-1117/507, 6-7=-1204/483, 7-8=-1345/444, 8-9=0/60
BOT CHORD 2-12=-314/1040, 11-12=-97/704, 10-11=-97/704, 8-10=-188/1040
WEBS 3-12=-271/278, 5-12=-221/536, 5-10=-221/536, 7-10=-271/278

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; 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) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 409 lb uplift at joint 2 and 409 lb uplift at joint 8.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T05	MONO HIP	1	1	Job Reference (optional)

Dwg.#071805876

Builders FirstSource, Lake City, Fl 32055

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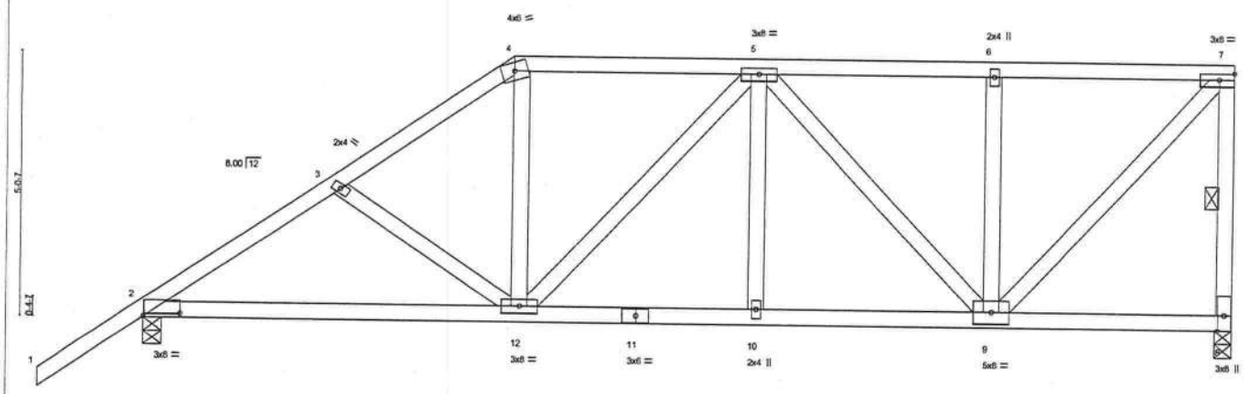
-2-0-0	3-8-7	7-0-0	11-7-4	16-0-12	20-8-0
2-0-0	3-8-7	3-3-9	4-7-4	4-5-8	4-7-4

Scale = 1:38.2



7-0-0	11-7-4	16-0-12	20-8-0
7-0-0	4-7-4	4-5-8	4-7-4

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.60	Vert(LL)	-0.09	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.13	10-12	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.89	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 127 lb	

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

BRACING
TOP CHORD Sheathed or 3-11-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-9-7 oc bracing.
WEBS 1 Row at midpt 7-8

REACTIONS (lb/size) 8=1917/0-4-0, 2=1769/0-4-0
Max Horz 2=303(load case 4)
Max Uplift8=-1150(load case 2), 2=-944(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-2551/1339, 3-4=-2420/1362, 4-5=-2025/1190, 5-6=-1480/877, 6-7=-1480/877, 7-8=-1771/1161
BOT CHORD 2-12=-1172/2028, 11-12=-1268/2138, 10-11=-1268/2138, 9-10=-1268/2138, 8-9=-30/47
WEBS 3-12=-164/63, 4-12=-430/939, 5-12=-166/218, 5-10=0/285, 5-9=-960/581, 6-9=-536/591, 7-9=-1237/2093

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1150 lb uplift at joint 8 and 944 lb uplift at joint 2.
4) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 410 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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=-117(F=-63), 2-12=-30, 8-12=-65(F=-35)
Concentrated Loads (lb)
Vert: 12=-539(F)

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T06	MONO HIP	1	1	Job Reference (optional)

Dwg.#07180587

Builders FirstSource, Lake City, Fl 32055

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-2-0-0 | 4-8-7 | 9-0-0 | 14-10-0 | 20-8-0

2-0-0 | 4-8-7 | 4-3-9 | 5-10-0 | 5-10-0

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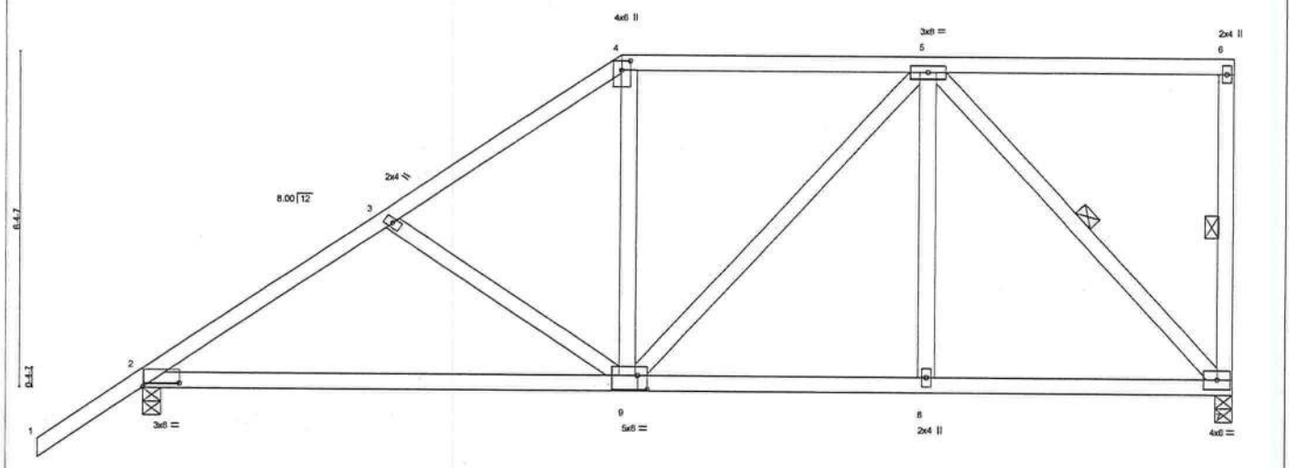

9-0-0 | 14-10-0 | 20-8-0

9-0-0 | 5-10-0 | 5-10-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.13	2-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.20	2-9	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.42	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 125 lb	

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

BRACING
TOP CHORD Sheathed or 5-10-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-4-3 oc bracing.
WEBS 1 Row at midpt 6-7, 5-7

REACTIONS (lb/size) 7=849/0-4-0, 2=978/0-4-0
Max Horz 2=363(load case 5)
Max Uplift7=-306(load case 4), 2=-347(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1146/363, 3-4=-947/320, 4-5=-739/326, 5-6=-24/9, 6-7=-138/110
BOT CHORD 2-9=-472/906, 8-9=-264/608, 7-8=-264/608
WEBS 3-9=-208/206, 4-9=0/219, 5-9=-121/192, 5-8=0/149, 5-7=-854/374

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 306 lb uplift at joint 7 and 347 lb uplift at joint 2.

LOAD CASE(S) Standard

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THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T07	ATTIC	1	1	Job Reference (optional)

Dwg.#071805878

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:00 2005 Page 1

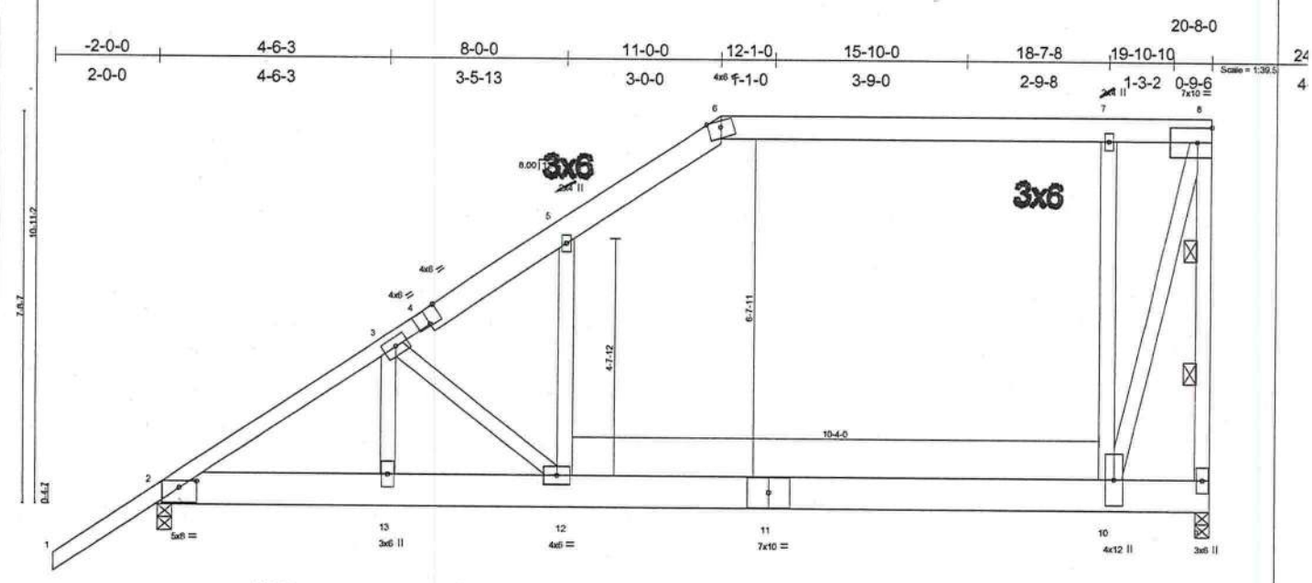

Plate Offsets (X,Y): [2:0-4-0,0-1-9], [4:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.73	Vert(LL)	-0.46	10-12	>537	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.68	10-12	>362	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.01	9	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)		Wind(LL)	0.24	10-12	>999	240	Weight: 162 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D *Except* T1 2 X 4 SYP No.2D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except* W5 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 4-5-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-10-11 oc bracing.
WEBS 2 Rows at 1/3 pts 8-9

REACTIONS (lb/size) 2=1358/0-3-8, 9=1555/0-3-8
Max Horz 2=424(load case 5)
Max Uplift2=-243(load case 5), 9=-86(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-2014/133, 3-4=-1296/0, 4-5=-1197/0, 5-6=-932/131, 8-9=-2947/285, 6-7=-895/121, 7-8=-895/121
BOT CHORD 2-13=-346/1633, 12-13=-346/1633, 11-12=-121/895, 10-11=-121/895, 9-10=-1/16
WEBS 5-12=0/493, 7-10=-899/362, 3-12=-960/321, 8-10=-470/3441, 3-13=-129/567

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Ceiling dead load (5.0 psf) on member(s). 5-6, 6-7; Wall dead load (5.0psf) on member(s).5-12, 7-10
5) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 10-12
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 243 lb uplift at joint 2 and 86 lb uplift at joint 9.

LOAD CASE(S) Standard

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THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T08	ATTIC	1	1	Job Reference (optional)

Dwg.#071805879

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:01 2005 Page 1

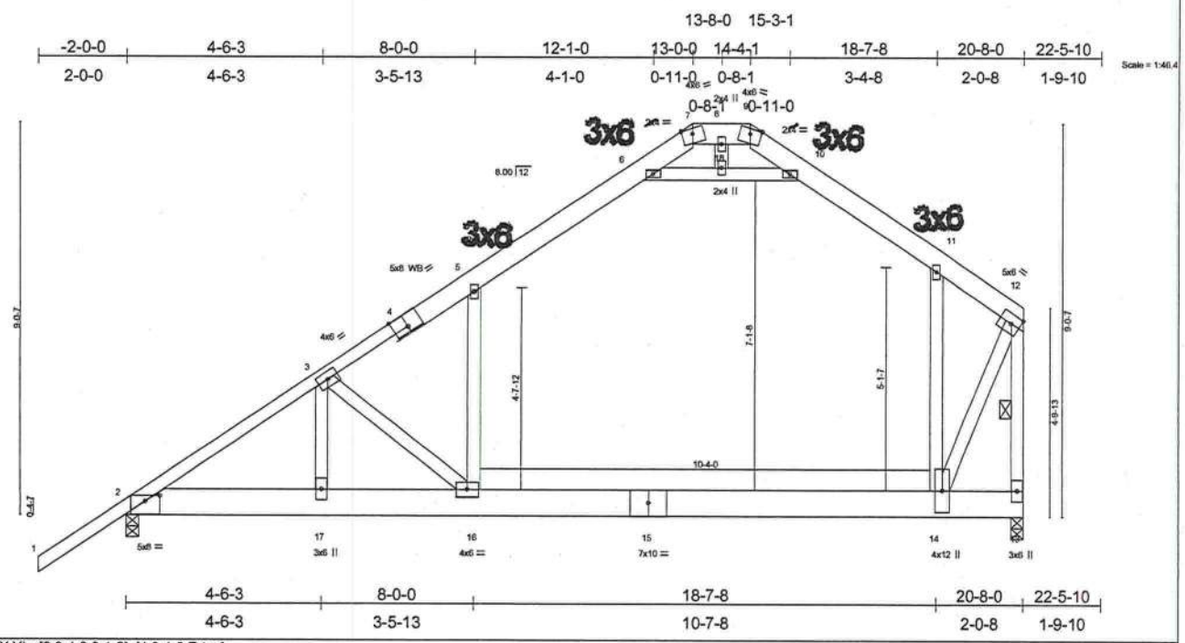

Plate Offsets (X,Y): [2:0-4-0,0-1-9], [4:0-4-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.88	Vert(LL)	-0.42	14-16	>589	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.61	14-16	>400	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.73	Horz(TL)	0.01	13	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)		Wind(LL)	0.21	14-16	>999	240	Weight: 162 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D *Except* T1 2 X 4 SYP No.2D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-3-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-6-1 oc bracing.
WEBS 1 Row at midpt 12-13

REACTIONS (lb/size) 2=1358/0-3-8, 13=1547/0-3-8
Max Horz 2=376(load case 5)
Max Uplift2=-271(load case 5), 13=-39(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-1995/176, 3-4=-1365/72, 4-5=-1259/76, 5-6=-941/188, 6-7=-9/581, 9-10=0/494, 10-11=-995/211, 11-12=-1194/78, 12-13=-2841/169, 7-8=0/707, 8-9=0/707
BOT CHORD 2-17=-308/1642, 16-17=-308/1642, 15-16=-66/932, 14-15=-66/932, 13-14=-1/21
WEBS 6-18=-1605/191, 10-18=-1605/191, 5-16=0/575, 11-14=0/387, 3-16=-936/316, 8-18=0/126, 12-14=-165/2278, 3-17=-114/465

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Ceiling dead load (5.0 psf) on member(s). 5-6, 10-11, 6-18, 10-18; Wall dead load (5.0psf) on member(s).5-16, 11-14
5) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-16
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 271 lb uplift at joint 2 and 39 lb uplift at joint 13.

LOAD CASE(S) Standard

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THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.	Dwg.#071805880
L121456	T09	ATTIC	2	1	Job Reference (optional)	

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:02 2005 Page 1

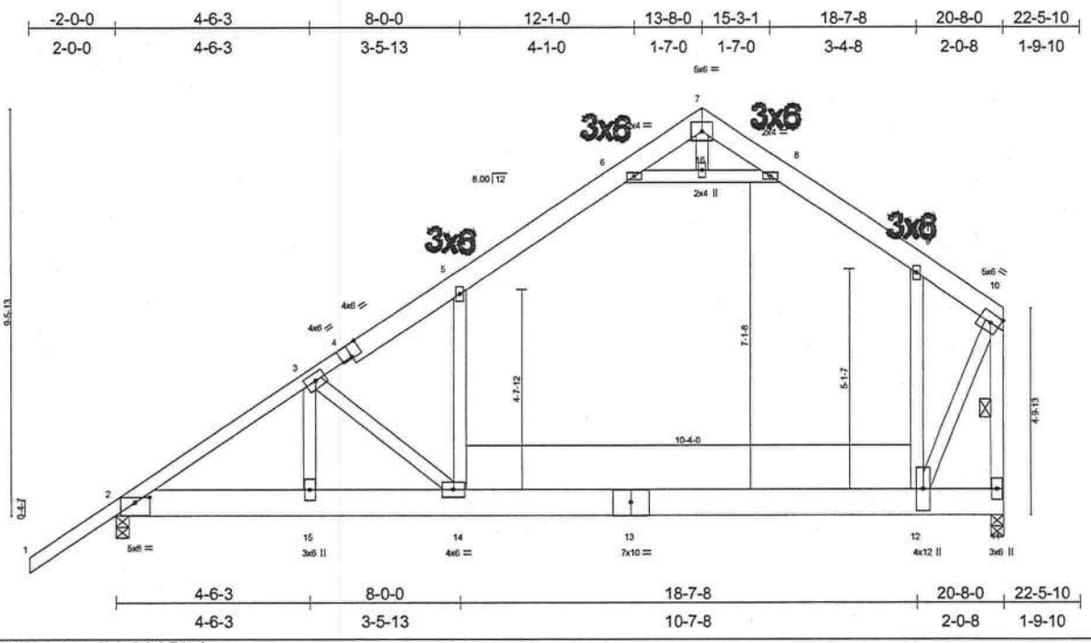

Plate Offsets (X,Y): [2:0-4-0,0-1-9], [4:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.79	Vert(LL)	-0.40	12-14	>608	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.70	Vert(TL)	-0.59	12-14	>412	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.73	Horz(TL)	0.01	11	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)		Wind(LL)	0.20	12-14	>999	240	Weight: 164 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D *Except* T1 2 X 4 SYP No.2D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-4-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-8-6 oc bracing.
WEBS 1 Row at midpt 10-11

REACTIONS (lb/size) 2=1358/0-3-8, 11=1547/0-3-8
Max Horz 2=384(load case 5)
Max Uplift2=-272(load case 5), 11=-51(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-1994/171, 3-4=-1362/62, 4-5=-1261/73, 5-6=-933/185, 6-7=-4/537, 7-8=0/410, 8-9=-997/208, 9-10=-1185/75, 10-11=-2822/176
BOT CHORD 2-15=-316/1620, 14-15=-316/1620, 13-14=-74/928, 12-13=-74/928, 11-12=-1/21
WEBS 6-16=-1476/197, 8-16=-1476/197, 5-14=0/588, 9-12=-16/372, 3-14=-912/315, 7-16=0/120, 10-12=-185/2268, 3-15=-116/453

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; 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) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-16, 8-16; Wall dead load (5.0psf) on member(s).5-14, 9-12
4) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 272 lb uplift at joint 2 and 51 lb uplift at joint 11.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.	Dwg.#071805881
L121456	T10G	COMMON	2	1	Job Reference (optional)	

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:03 2005 Page 1

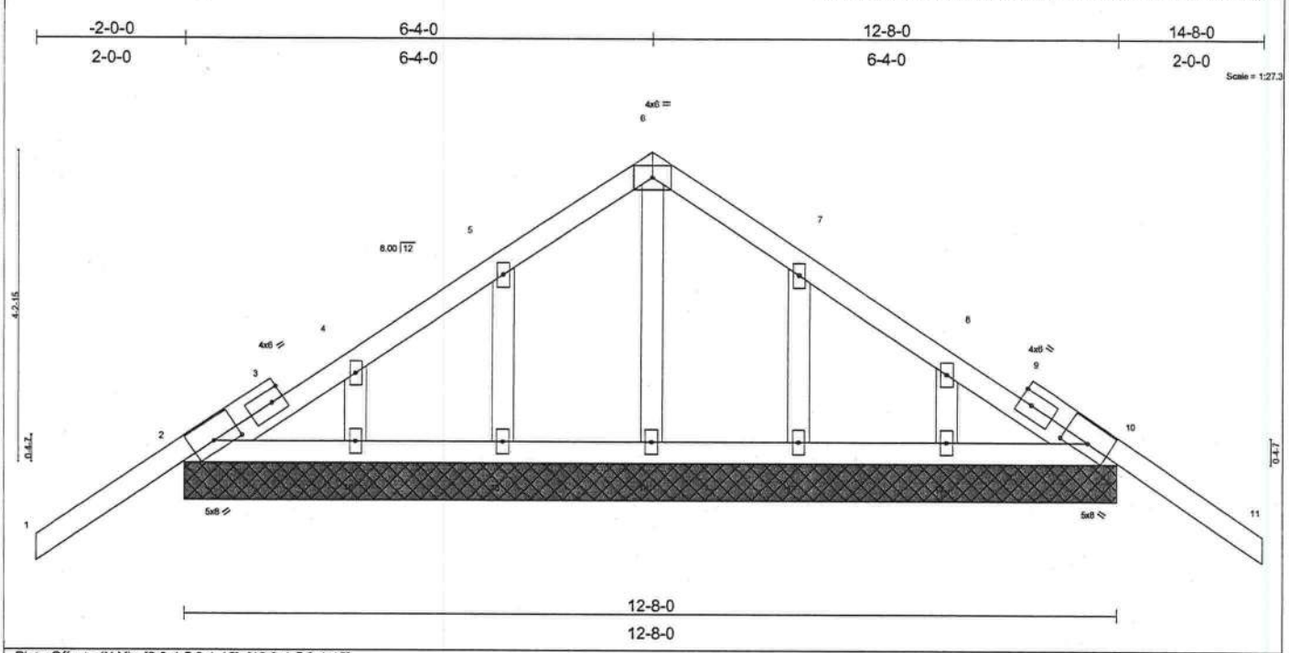

Plate Offsets (X,Y): [2:0-4-5,0-1-12], [10:0-4-5,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.04	11	n/r	90	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.06	11	n/r	80		
BCLL	10.0	Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.00	10	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 67 lb	

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

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

REACTIONS (lb/size) 2=505/12-8-0, 10=505/12-8-0, 14=226/12-8-0, 15=305/12-8-0, 16=217/12-8-0, 13=305/12-8-0, 12=217/12-8-0
Max Horz 2=143(load case 4)
Max Uplift2=-287(load case 5), 10=-310(load case 6), 15=-175(load case 5), 16=-69(load case 6), 13=-171(load case 6), 12=-61(load case 5)
Max Grav 2=505(load case 1), 10=505(load case 1), 14=226(load case 1), 15=310(load case 7), 16=217(load case 1), 13=310(load case 8), 12=217(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-15/123, 2-3=-130/106, 3-4=-78/107, 4-5=-108/117, 5-6=-114/166, 6-7=-114/166, 7-8=-108/88, 8-9=-28/56, 9-10=-130/55, 10-11=-15/123
BOT CHORD 2-16=-18/120, 15-16=-18/120, 14-15=-18/120, 13-14=-18/120, 12-13=-18/120, 10-12=-18/120
WEBS 6-14=-169/10, 5-15=-244/177, 4-16=-175/91, 7-13=-244/174, 8-12=-175/87

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 287 lb uplift at joint 2, 310 lb uplift at joint 10, 175 lb uplift at joint 15, 69 lb uplift at joint 16, 171 lb uplift at joint 13 and 61 lb uplift at joint 12.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T11	COMMON	6	1	Job Reference (optional)

Dwg.#071805882

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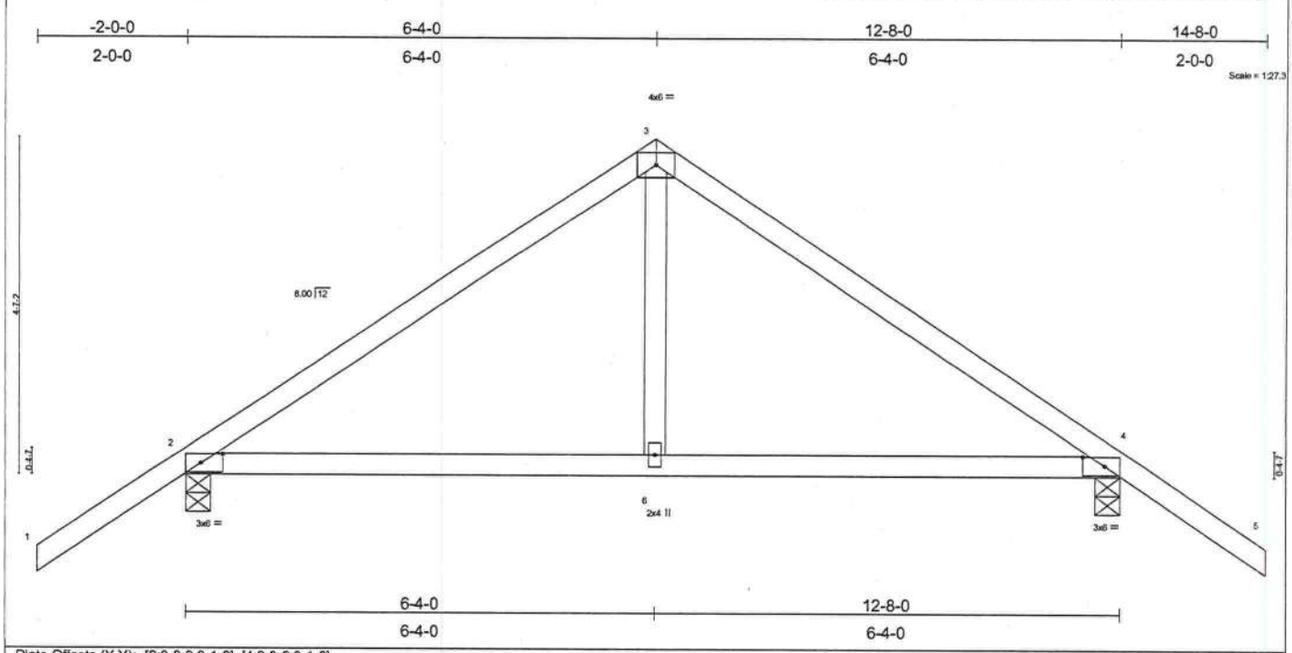

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [4:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.04	4-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	-0.06	4-6	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 55 lb	

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

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

REACTIONS (lb/size) 2=635/0-4-0, 4=635/0-4-0
Max Horz 2=155(load case 4)
Max Uplift2=-283(load case 5), 4=-283(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-598/172, 3-4=-598/172, 4-5=0/60
BOT CHORD 2-6=-40/420, 4-6=-40/420
WEBS 3-6=0/219

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 283 lb uplift at joint 2 and 283 lb uplift at joint 4.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.	Dwg.#071805883
L121456	T12	COMMON	1	2	Job Reference (optional)	

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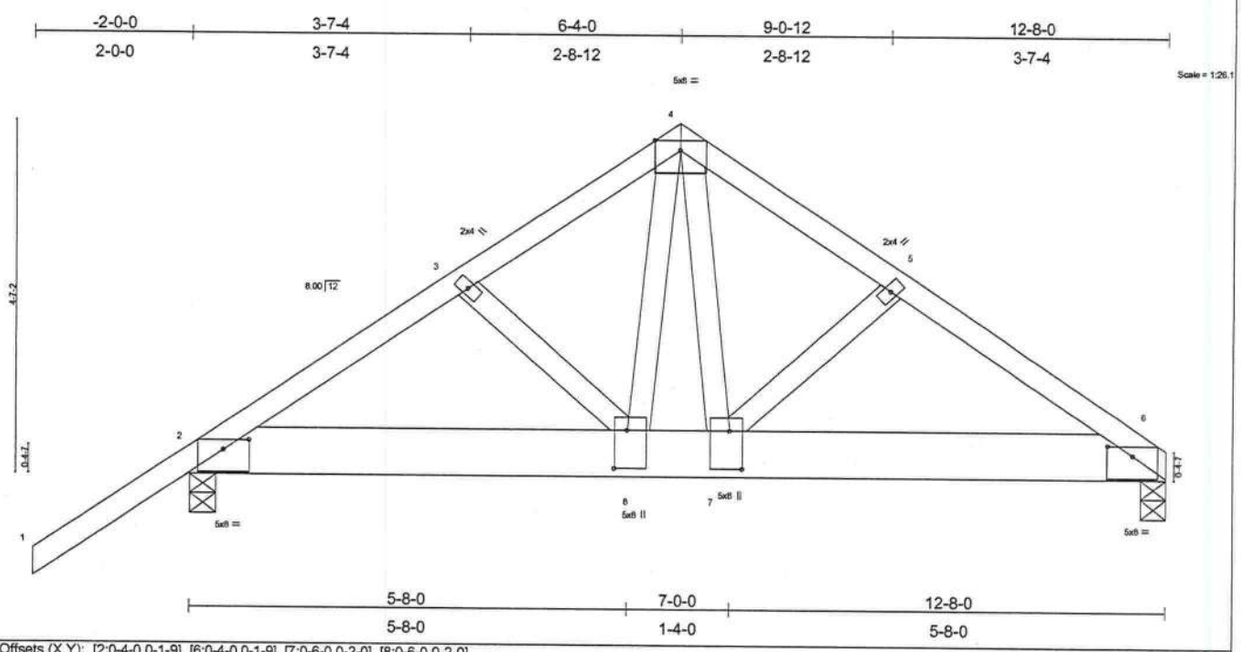

Plate Offsets (X,Y): [2:0-4-0,0-1-9], [6:0-4-0,0-1-9], [7:0-6-0,0-2-0], [8:0-6-0,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.06	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.09	6-7	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.72	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 170 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 6=4186/0-4-0, 2=2475/0-4-0
Max Horz 2=176(load case 3)
Max Uplift6=-1568(load case 5), 2=-989(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-4038/1475, 3-4=-3912/1479, 4-5=-4630/1744, 5-6=-4756/1766
BOT CHORD 2-8=-1214/3299, 7-8=-1127/3228, 6-7=-1420/3948
WEBS 3-8=-92/127, 4-8=0/191, 4-7=-1728/4478, 5-7=-182/170

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 7-4 2 X 4 - 2 rows at 0-7-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1568 lb uplift at joint 6 and 989 lb uplift at joint 2.
6) Girder carries tie-in span(s): 27-7-0 from 7-0-0 to 12-8-0
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2530 lb down and 955 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 2-7=-30, 6-7=-560(F=-530)
Concentrated Loads (lb)
Vert: 7=-2530(F)

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T13	HIP	1	2	Job Reference (optional)

Dwg.#071805884

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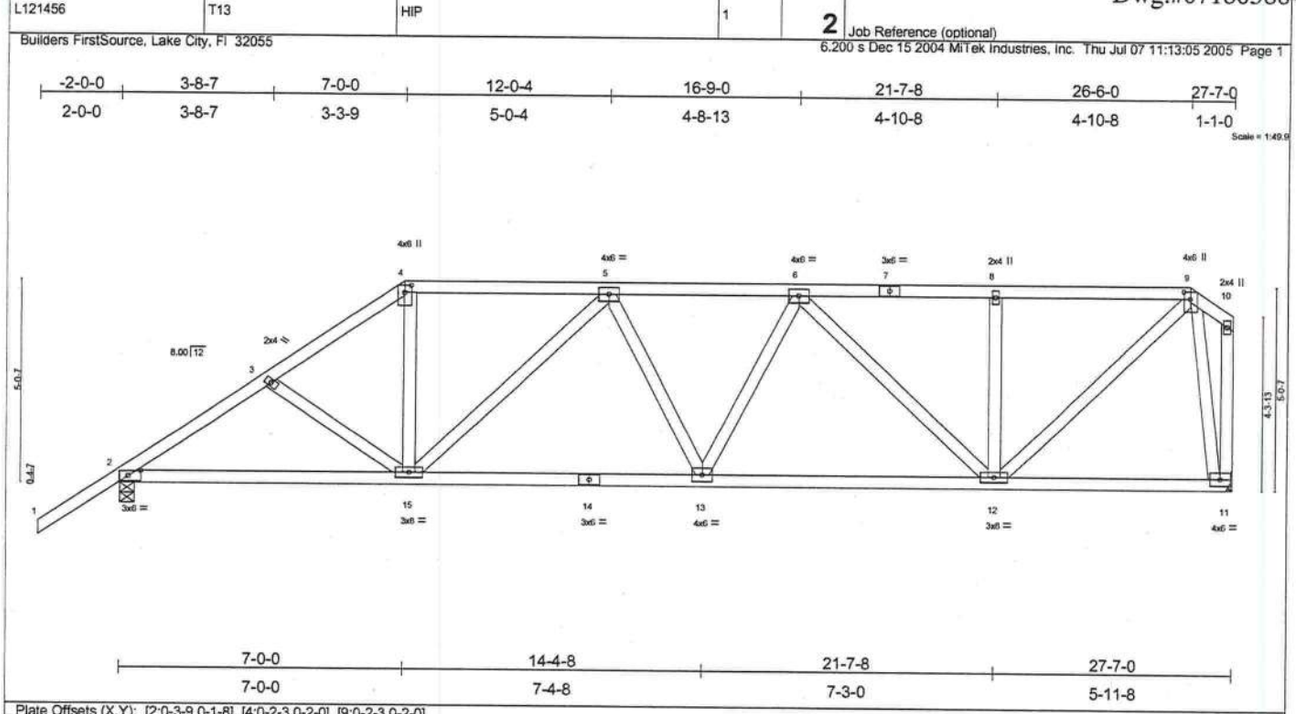

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [4:0-2-3,0-2-0], [9:0-2-3,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.13	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.19	13-15	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.46	Horz(TL)	0.05	11	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 328 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W7 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-3-15 oc bracing.

REACTIONS (lb/size) 2=2415/0-4-0, 11=2530/Mechanical
Max Horz 2=226(load case 4)
Max Uplift2=-1310(load case 3), 11=-1531(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-3669/2132, 3-4=-3563/2164, 4-5=-3002/1881, 5-6=-3730/2314, 6-7=-2548/1623, 7-8=-2548/1623, 8-9=-2548/1623, 9-10=-81/4, 10-11=-84/0
BOT CHORD 2-15=-1768/2928, 14-15=-2330/3684, 13-14=-2330/3684, 12-13=-2231/3527, 11-12=-336/515
WEBS 3-15=-204/136, 4-15=-810/1533, 5-15=-1005/783, 5-13=0/179, 6-13=-75/453, 6-12=-1368/928, 8-12=-596/648, 9-12=-1716/2838, 9-11=-2345/1670

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1310 lb uplift at joint 2 and 1531 lb uplift at joint 11.
8) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 410 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-9=-117(F=-63), 9-10=-117(F=-63), 2-15=-30, 11-15=-65(F=-35)
Concentrated Loads (lb)
Vert: 15=-539(F)

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T14	HIP	1	1	Job Reference (optional)

Dwg.#071805885

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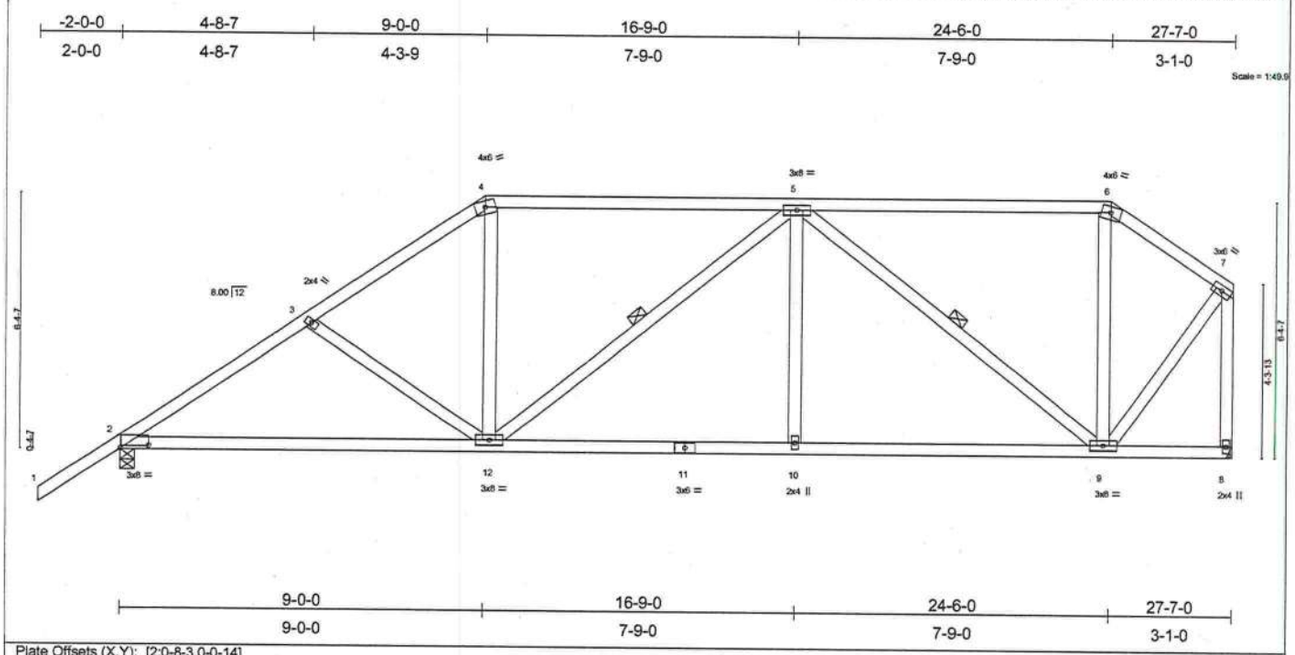

Plate Offsets (X,Y): [2:0-8-3,0-0-14]

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)	-0.14	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.21	2-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.63	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 164 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W5 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 4-10-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-12, 5-9

REACTIONS (lb/size) 2=1267/0-4-0, 8=1141/Mechanical
Max Horz 2=311(load case 5)
Max Uplift2=-415(load case 5), 8=-380(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1644/593, 3-4=-1460/558, 4-5=-1181/533, 5-6=-561/289, 6-7=-674/277, 7-8=-1132/437
BOT CHORD 2-12=-577/1309, 11-12=-572/1287, 10-11=-572/1287, 9-10=-572/1287, 8-9=-10/11
WEBS 3-12=-168/197, 4-12=-66/441, 5-12=-229/243, 5-10=0/223, 5-9=-943/451, 6-9=0/107, 7-9=-386/936

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 415 lb uplift at joint 2 and 380 lb uplift at joint 8.

LOAD CASE(S) Standard

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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
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Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T15	HIP	1	1	Job Reference (optional)

Dwg.#071805886

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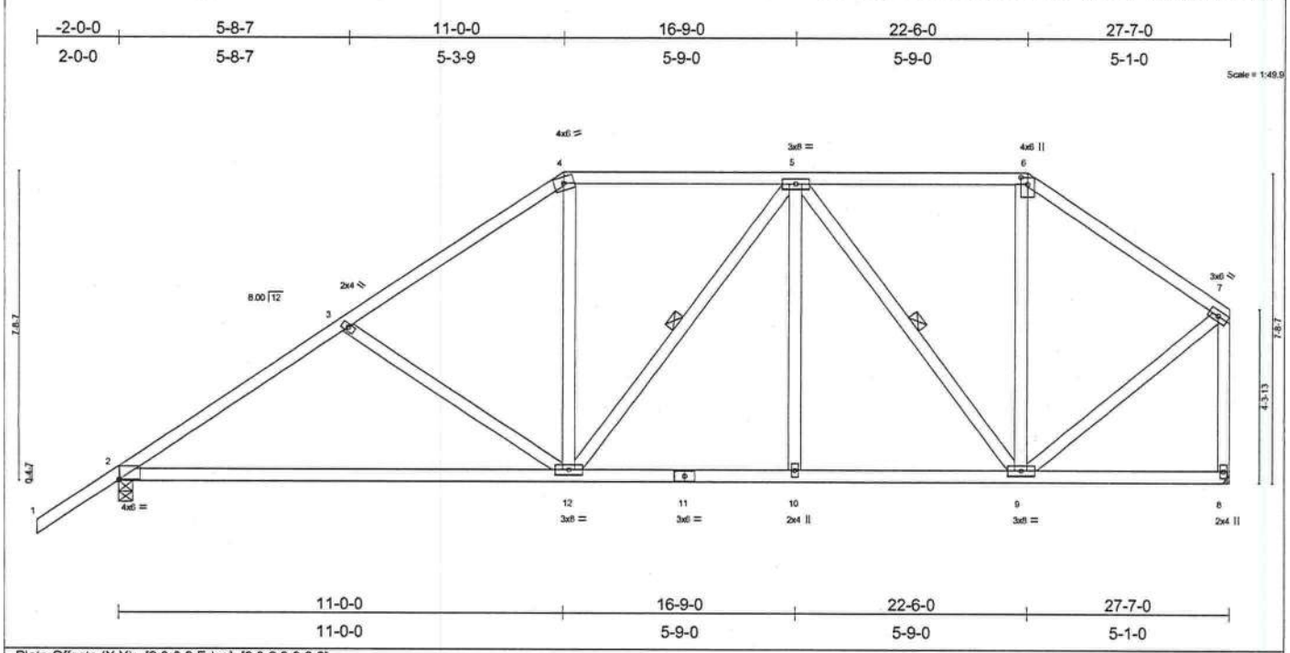

Plate Offsets (X,Y): [2:0-0-3,Edge], [6:0-2-3,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	-0.30	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.45	2-12	>724	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 174 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W5 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 4-8-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-7-10 oc bracing: 2-12.
WEBS 1 Row at midpt 5-12, 5-9

REACTIONS (lb/size) 2=1267/0-4-0, 8=1141/Mechanical
Max Horz 2=337(load case 5)
Max Uplift2=-434(load case 5), 8=-286(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1599/589, 3-4=-1346/527, 4-5=-1055/510, 5-6=-665/367, 6-7=-863/360, 7-8=-1071/437
BOT CHORD 2-12=-560/1279, 11-12=-413/1021, 10-11=-413/1021, 9-10=-413/1021, 8-9=-23/30
WEBS 3-12=-281/269, 4-12=-69/408, 5-12=-86/209, 5-10=0/115, 5-9=-626/324, 6-9=-40/207, 7-9=-295/811

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 434 lb uplift at joint 2 and 286 lb uplift at joint 8.

LOAD CASE(S) Standard

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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.	Dwg.#071805887
L121456	T16	COMMON	1	2	Job Reference (optional)	

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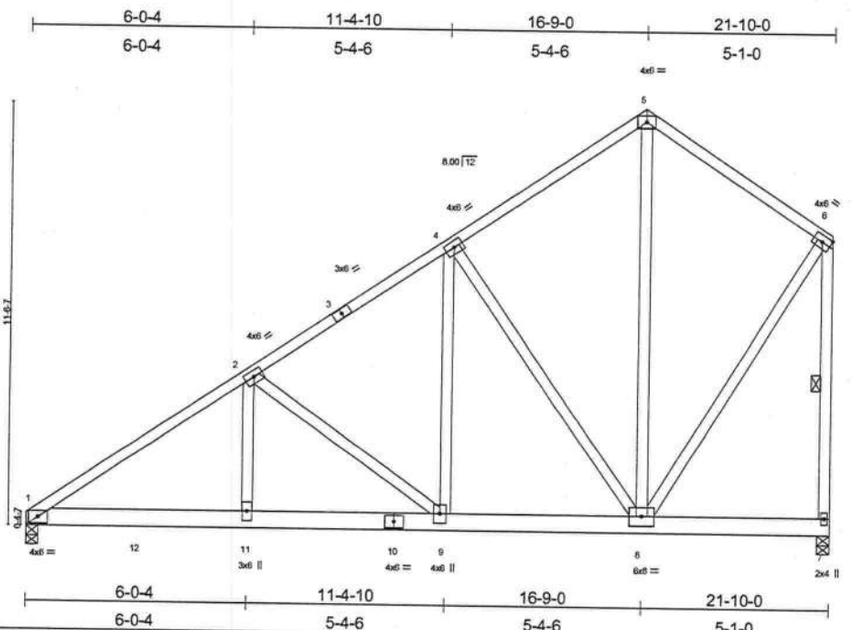

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.11	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.15	9-11	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.93	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 339 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except*
W7 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 5-6-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-7

REACTIONS (lb/size) 1=3687/0-4-0, 7=4531/0-4-0
Max Horz 1=427(load case 4)
Max Uplift1=-1325(load case 4), 7=-1769(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-5994/2141, 2-3=-4044/1460, 3-4=-3962/1483, 4-5=-2047/809, 5-6=-2038/837, 6-7=-3768/1506
BOT CHORD 1-12=-2097/4889, 11-12=-2097/4889, 10-11=-2097/4889, 9-10=-2097/4889, 8-9=-1383/3296, 7-8=-19/33
WEBS 2-11=-694/1992, 2-9=-1963/888, 4-9=-1205/3159, 4-8=-2872/1265, 5-8=-742/1952, 6-8=-1201/3017

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1325 lb uplift at joint 1 and 1769 lb uplift at joint 7.
6) Girder carries tie-in span(s): 18-8-0 from 3-0-0 to 21-10-0

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-54, 5-6=-54, 1-12=-30, 7-12=-373(F=-343)

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T17G	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805888

Builders FirstSource, Lake City, Fl 32055

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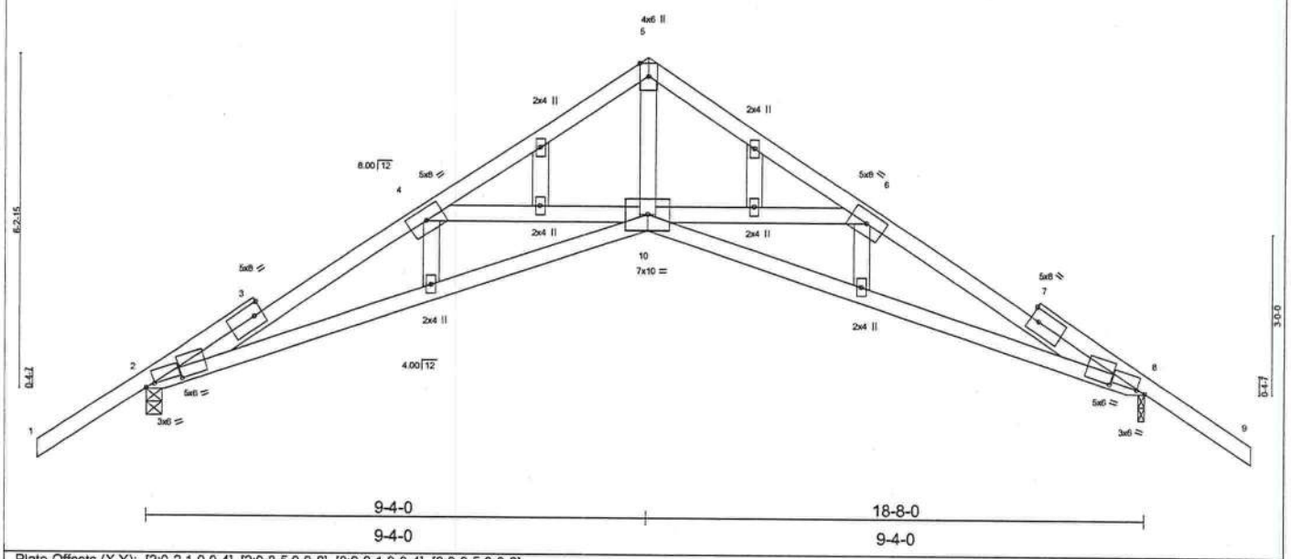
-2-0-0 | 4-11-3 | 9-4-0 | 13-8-13 | 18-8-0 | 20-8-0

2-0-0 | 4-11-3 | 4-4-13 | 4-4-13 | 4-11-3 | 2-0-0

Scale = 1:27.6



9-4-0 | 18-8-0

9-4-0 | 9-4-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.76	Vert(LL)	-0.31	8-10	>705	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.71	Vert(TL)	-0.45	8-10	>495	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.78	Horz(TL)	0.32	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 99 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.1D *Except* T1 2 X 4 SYP No.2D, T1 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING

TOP CHORD Sheathed or 2-7-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-6-2 oc bracing.

REACTIONS (lb/size) 2=1575/0-3-8, 8=1563/0-1-8
Max Horz 2=215(load case 4)
Max Uplift2=-613(load case 5), 8=-606(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-15/122, 2-3=-3754/1174, 3-4=-3634/1158, 4-5=-2711/714, 5-6=-2714/742, 6-7=-3674/1056, 7-8=-3797/1070, 8-9=-15/118
BOT CHORD 2-10=-1046/3258, 8-10=-872/3307
WEBS 5-10=-584/2426, 6-10=-955/539, 4-10=-912/523

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; 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) Gable studs spaced at 2-0-0 oc.
5) Bearing at joint(s) 2, 8 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 at joint(s) 8.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 613 lb uplift at joint 2 and 606 lb uplift at joint 8.
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: 1-5=-114(F=-60), 5-9=-114(F=-60), 2-10=-30, 8-10=-30

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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T18	SPECIAL	3	1	Job Reference (optional)

Dwg.#071805889

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:10 2005 Page 1

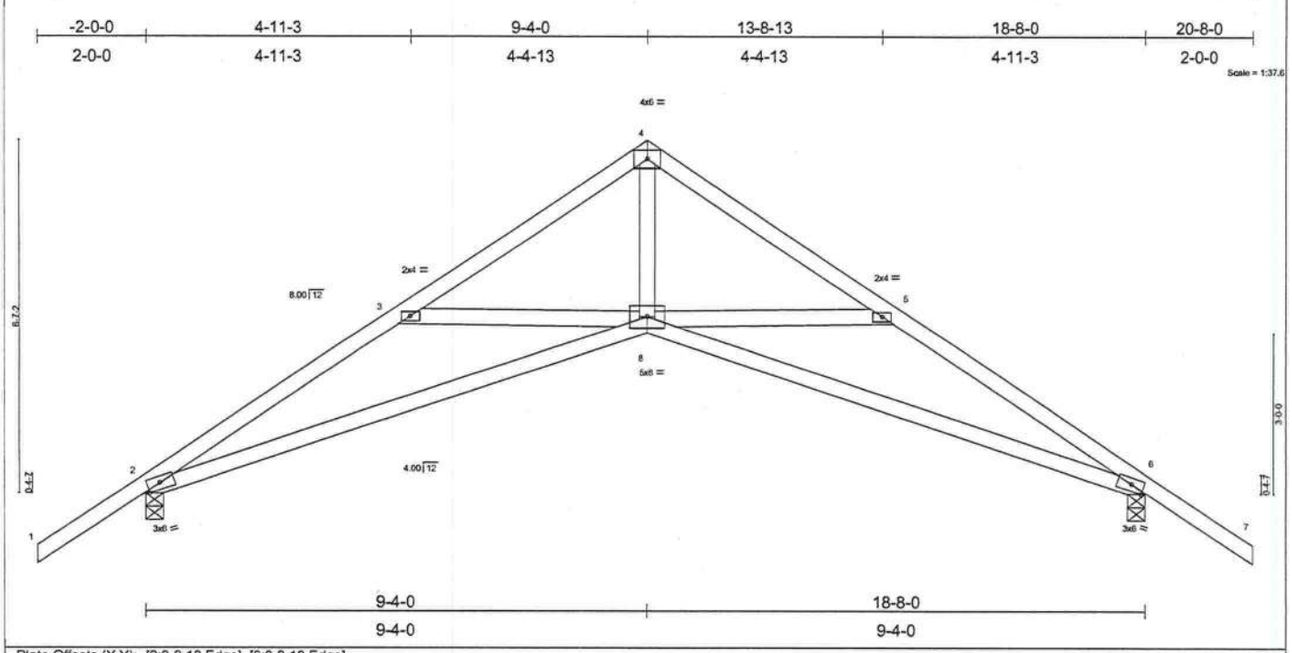

Plate Offsets (X,Y): [2:0-2-13,Edge], [6:0-2-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.17	6-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.25	6-8	>872	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.14	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 88 lb	

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

BRACING
TOP CHORD Sheathed or 4-8-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-6-13 oc bracing.

REACTIONS (lb/size) 2=887/0-4-0, 6=887/0-4-0
Max Horz 2=226(load case 4)
Max Uplift2=-353(load case 5), 6=-353(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/58, 2-3=-1794/519, 3-4=-1439/282, 4-5=-1439/314, 5-6=-1794/449, 6-7=0/58
BOT CHORD 2-8=-459/1547, 6-8=-273/1548
WEBS 3-8=-321/322, 4-8=-178/1263, 5-8=-321/337

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; 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) Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 353 lb uplift at joint 2 and 353 lb uplift at joint 6.

LOAD CASE(S) Standard

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T19	SPECIAL	2	1	Job Reference (optional)

Dwg.#071805890

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:11 2005 Page 1

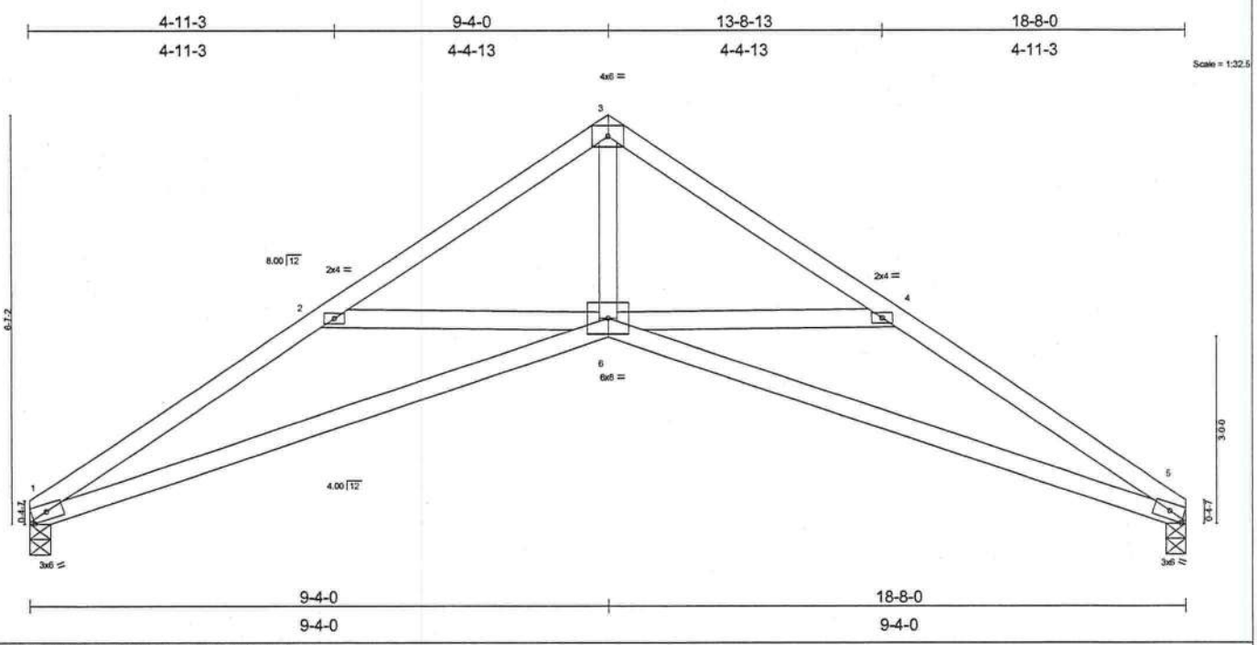

Plate Offsets (X,Y): [1:0-2-13,Edge], [5:0-2-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.20	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.28	5-6	>778	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.14	5	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 81 lb	

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

BRACING
TOP CHORD Sheathed or 4-5-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-8 oc bracing.

REACTIONS (lb/size) 1=770/0-4-0, 5=770/0-4-0
Max Horz 1=-219(load case 3)
Max Uplift1=-223(load case 5), 5=-223(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1876/657, 2-3=-1495/413, 3-4=-1495/413, 4-5=-1876/657
BOT CHORD 1-6=-603/1632, 5-6=-493/1632
WEBS 2-6=-356/370, 3-6=-279/1333, 4-6=-356/381

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; 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) 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 223 lb uplift at joint 1 and 223 lb uplift at joint 5.

LOAD CASE(S) Standard

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T20	SPECIAL	1	1	Job Reference (optional)

Dwg.#07180589

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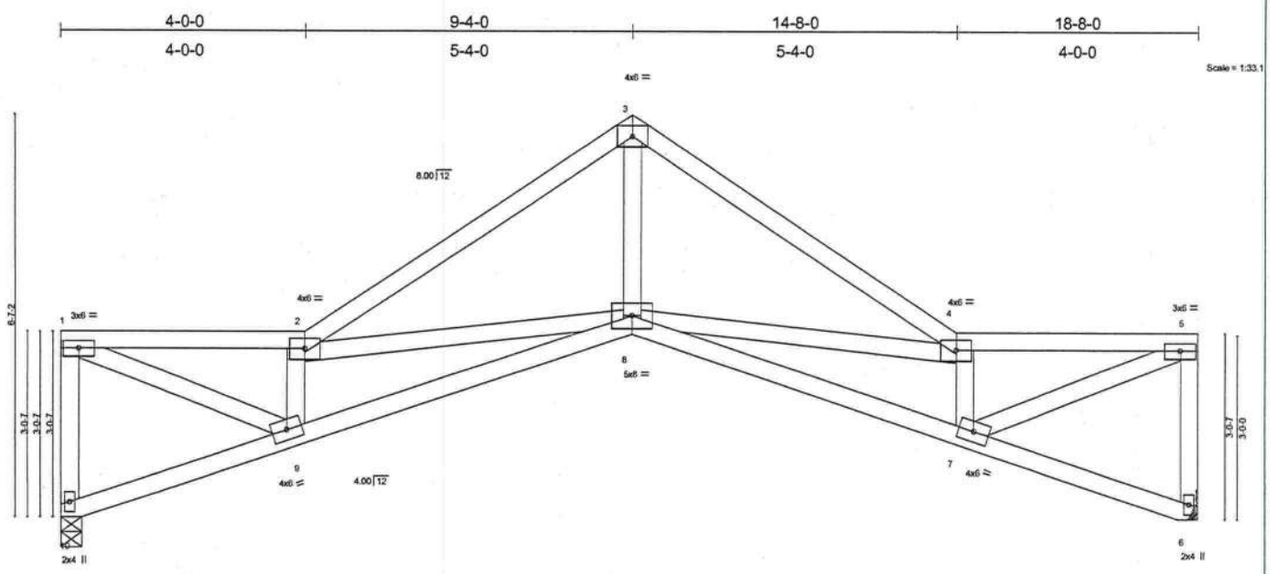

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.11	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.16	7-8	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.12	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 103 lb	

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

BRACING
TOP CHORD Sheathed or 5-3-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-1-7 oc bracing.

REACTIONS (lb/size) 10=772/0-4-0, 6=772/Mechanical
Max Horz 10=123(load case 4)
Max Uplift10=-228(load case 5), 6=-228(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-10=-719/285, 1-2=-1507/551, 2-3=-1464/511, 3-4=-1464/511, 4-5=-1507/551, 5-6=-719/285
BOT CHORD 9-10=-132/112, 8-9=-645/1721, 7-8=-633/1721, 6-7=-25/54
WEBS 1-9=-585/1594, 2-9=-1032/466, 2-8=-502/292, 3-8=-345/1216, 4-8=-502/301, 4-7=-1032/466, 5-7=-585/1594

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 10 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 228 lb uplift at joint 10 and 228 lb uplift at joint 6.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
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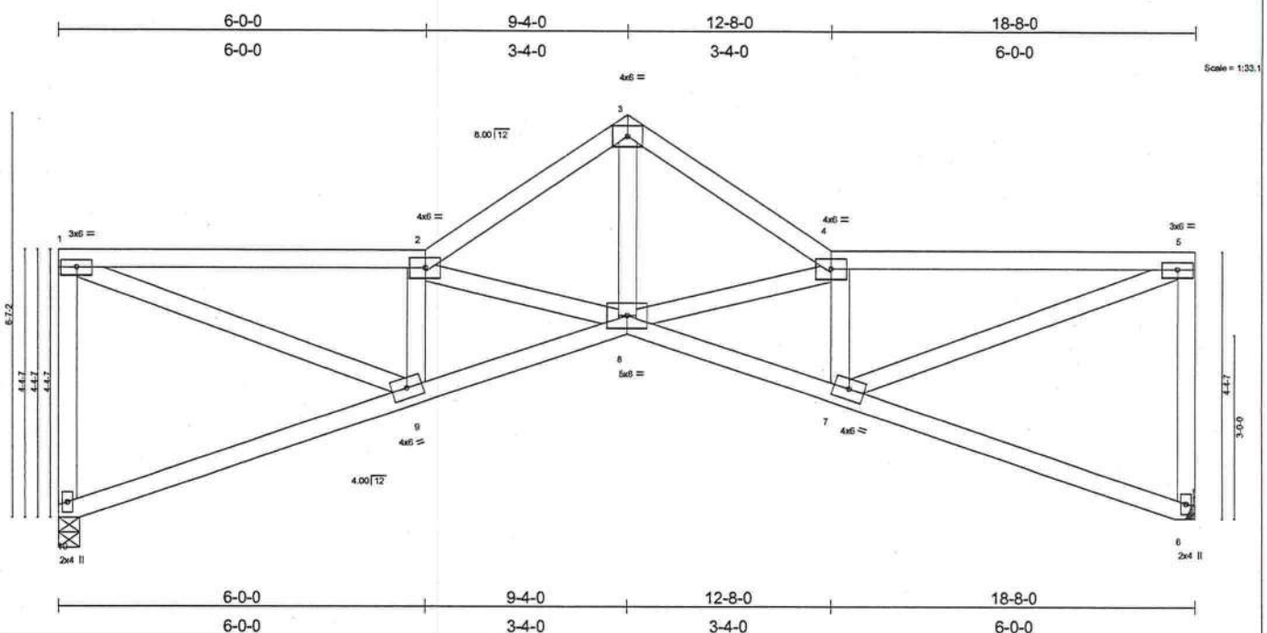
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T21	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805892

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:12 2005 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	0.49	Vert(LL)	-0.10	8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.14	8	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.47	Horz(TL)	0.11	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 108 lb	

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

BRACING
TOP CHORD Sheathed or 5-3-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-6-0 oc bracing.

REACTIONS (lb/size) 10=772/0-4-0, 6=772/Mechanical
Max Horz 10=-77(load case 3)
Max Uplift10=-233(load case 5), 6=-233(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-10=-694/305, 1-2=-1418/521, 2-3=-1375/522, 3-4=-1375/522, 4-5=-1418/521, 5-6=-694/305
BOT CHORD 9-10=-94/80, 8-9=-585/1565, 7-8=-585/1565, 6-7=-29/80
WEBS 1-9=-538/1465, 2-9=-872/418, 2-8=-416/196, 3-8=-475/1309, 4-8=-416/199, 4-7=-872/418, 5-7=-538/1465

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 10 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 233 lb uplift at joint 10 and 233 lb uplift at joint 6.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
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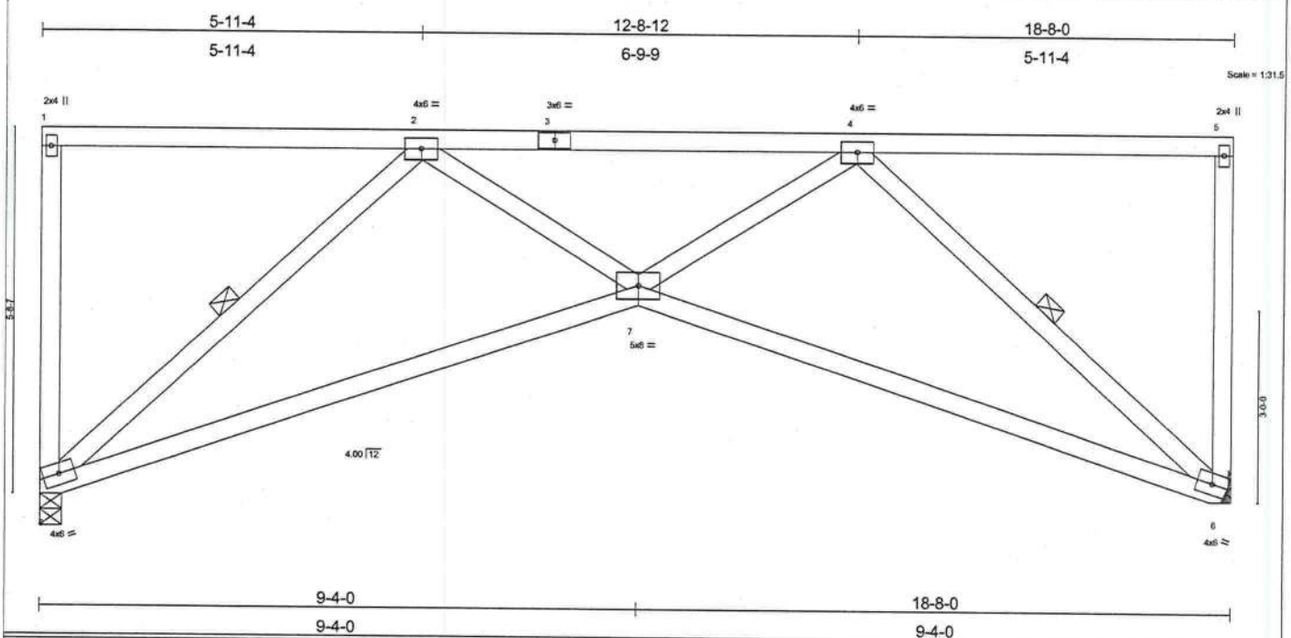
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T22	SPECIAL	1	1	Job Reference (optional)

Dwg.#07180589B

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:13 2005 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	0.47	Vert(LL)	-0.14	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.21	6-7	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.09	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 107 lb	

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

BRACING
TOP CHORD Sheathed or 5-1-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-8, 4-6

REACTIONS (lb/size) 8=772/0-4-0, 6=772/Mechanical
Max Uplift8=-291(load case 3), 6=-291(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=-143/95, 1-2=-45/6, 2-3=-1515/514, 3-4=-1515/514, 4-5=-45/6, 5-6=-143/95
BOT CHORD 7-8=-409/983, 6-7=-409/983
WEBS 2-8=-1160/517, 2-7=-162/767, 4-7=-162/767, 4-6=-1160/517

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 291 lb uplift at joint 8 and 291 lb uplift at joint 6.

LOAD CASE(S) Standard

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T23	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805894

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:14 2005 Page 1

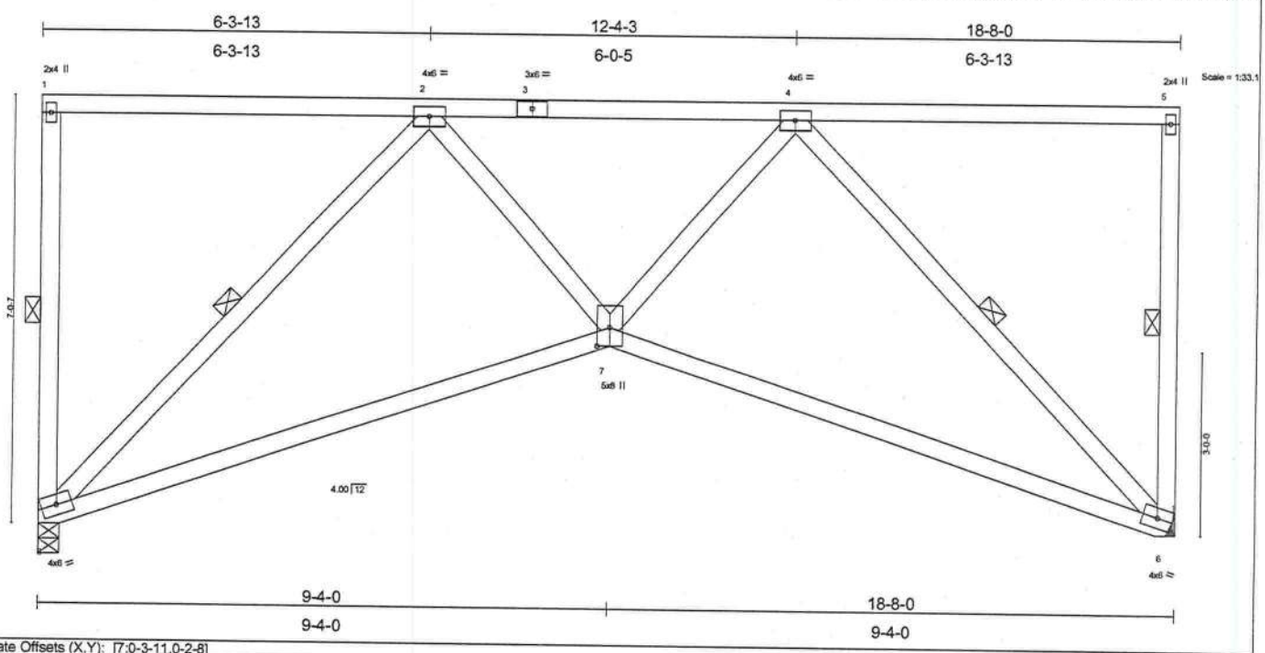

Plate Offsets (X,Y): [7:0-3-11,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.13	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.19	6-7	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.06	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 117 lb	

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

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-8, 5-6, 2-8, 4-6

REACTIONS (lb/size) 8=772/0-4-0, 6=772/Mechanical
Max Uplift8=-291(load case 3), 6=-291(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=-158/107, 1-2=-37/7, 2-3=-992/341, 3-4=-992/341, 4-5=-37/7, 5-6=-158/107
BOT CHORD 7-8=-311/771, 6-7=-311/771
WEBS 2-8=-968/422, 2-7=-80/486, 4-7=-80/486, 4-6=-968/422

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 291 lb uplift at joint 8 and 291 lb uplift at joint 6.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T24	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805895

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:14 2005 Page 1

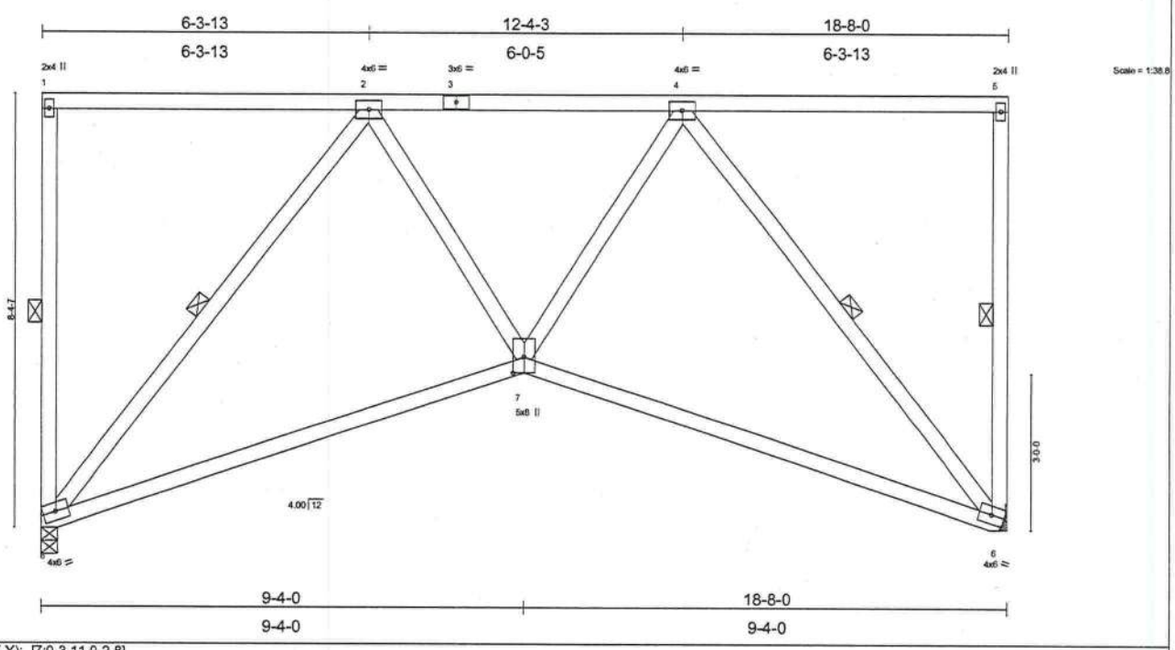

Plate Offsets (X,Y): [7:0-3-11,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.13	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.19	6-7	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.62	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 127 lb	

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

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-8, 5-6, 2-8, 4-6

REACTIONS (lb/size) 8=772/0-4-0, 6=772/Mechanical
Max Uplift8=-291(load case 3), 6=-291(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=-156/106, 1-2=-28/5, 2-3=-734/252, 3-4=-734/252, 4-5=-28/5, 5-6=-156/106
BOT CHORD 7-8=-244/614, 6-7=-244/614
WEBS 2-8=-842/367, 2-7=-48/384, 4-7=-48/384, 4-6=-842/367

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 291 lb uplift at joint 8 and 291 lb uplift at joint 6.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T25	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805896

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:15 2005 Page 1

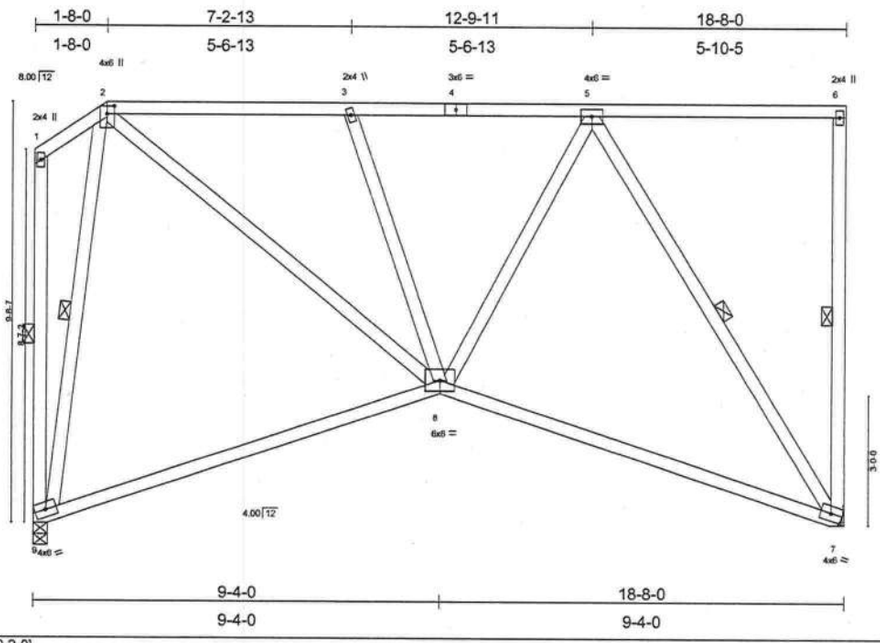

Plate Offsets (X,Y): [2:0-2-3,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.13	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.19	7-8	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 148 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-7, 5-7, 1-9, 2-9

REACTIONS (lb/size) 9=772/0-4-0, 7=772/Mechanical
Max Horz 9=48(load case 5)
Max Uplift9=-283(load case 3), 7=-361(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-42/13, 2-3=-686/324, 3-4=-584/238, 4-5=-584/238, 5-6=-21/4, 6-7=-142/113, 1-9=-70/15
BOT CHORD 8-9=-110/181, 7-8=-224/480
WEBS 2-8=-349/729, 3-8=-322/271, 5-8=-84/366, 5-7=-752/396, 2-9=-669/400

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 283 lb uplift at joint 9 and 361 lb uplift at joint 7.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T26	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805897

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:16 2005 Page 1

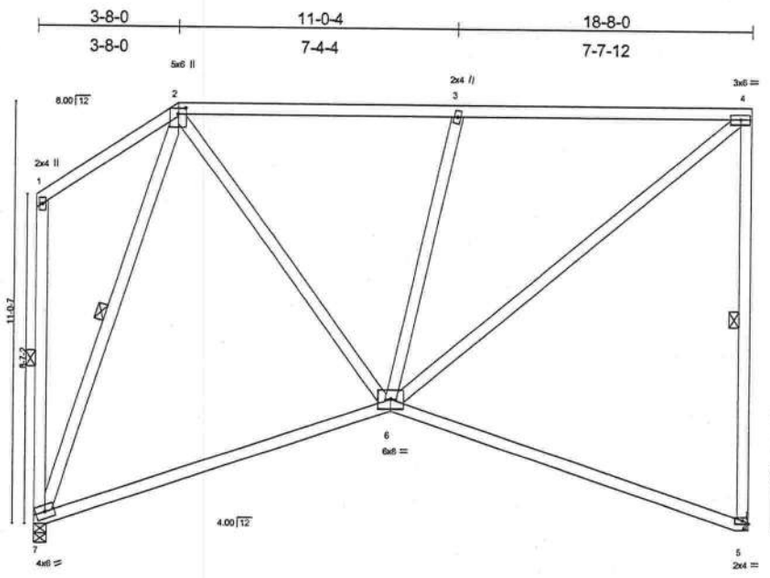

Plate Offsets (X,Y): [2:0-1-13,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.73	Vert(LL)	-0.13	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.19	6-7	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.99	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 145 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-5, 1-7, 2-7

REACTIONS (lb/size) 7=772/0-4-0, 5=772/Mechanical
Max Horz 7=109(load case 5)
Max Uplift7=-195(load case 4), 5=-342(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-58/63, 2-3=-491/234, 3-4=-589/306, 4-5=-656/377, 1-7=-76/85
BOT CHORD 6-7=-204/292, 5-6=-15/72
WEBS 2-6=-164/439, 3-6=-452/397, 4-6=-392/741, 2-7=-684/321

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 195 lb uplift at joint 7 and 342 lb uplift at joint 5.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T27	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805898

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:17 2005 Page 1

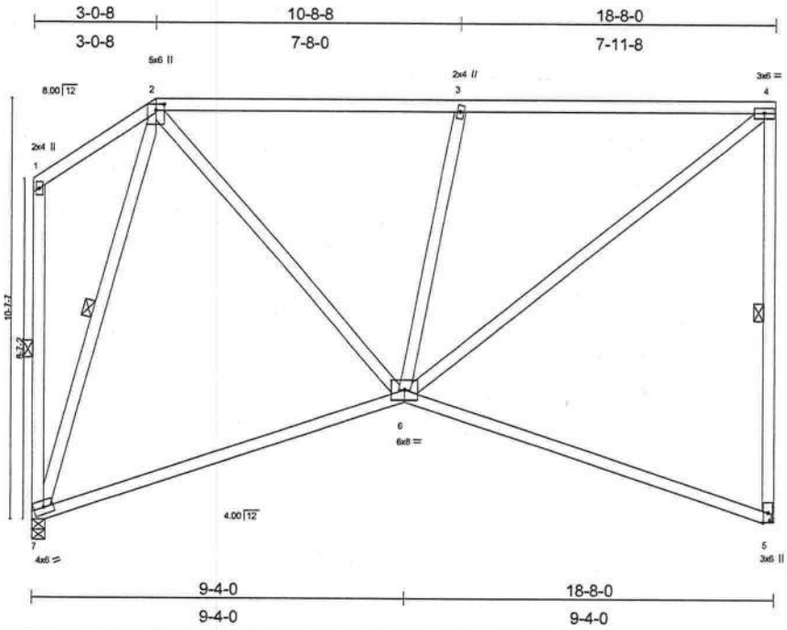

Plate Offsets (X,Y): [2:0-1-13,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.72	Vert(LL)	-0.13	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.19	6-7	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.92	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code FBC2001/ANSI95		(Matrix)							Weight: 143 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-5, 1-7, 2-7

REACTIONS (lb/size) 7=772/0-4-0, 5=772/Mechanical
Max Horz 7=90(load case 5)
Max Uplift7=-214(load case 3), 5=-349(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-49/47, 2-3=-526/240, 3-4=-614/305, 4-5=-656/372, 1-7=-79/59
BOT CHORD 6-7=-181/266, 5-6=-14/74
WEBS 2-6=-190/490, 3-6=-468/408, 4-6=-380/754, 2-7=-699/358

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 214 lb uplift at joint 7 and 349 lb uplift at joint 5.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T28	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805899

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:17 2005 Page 1

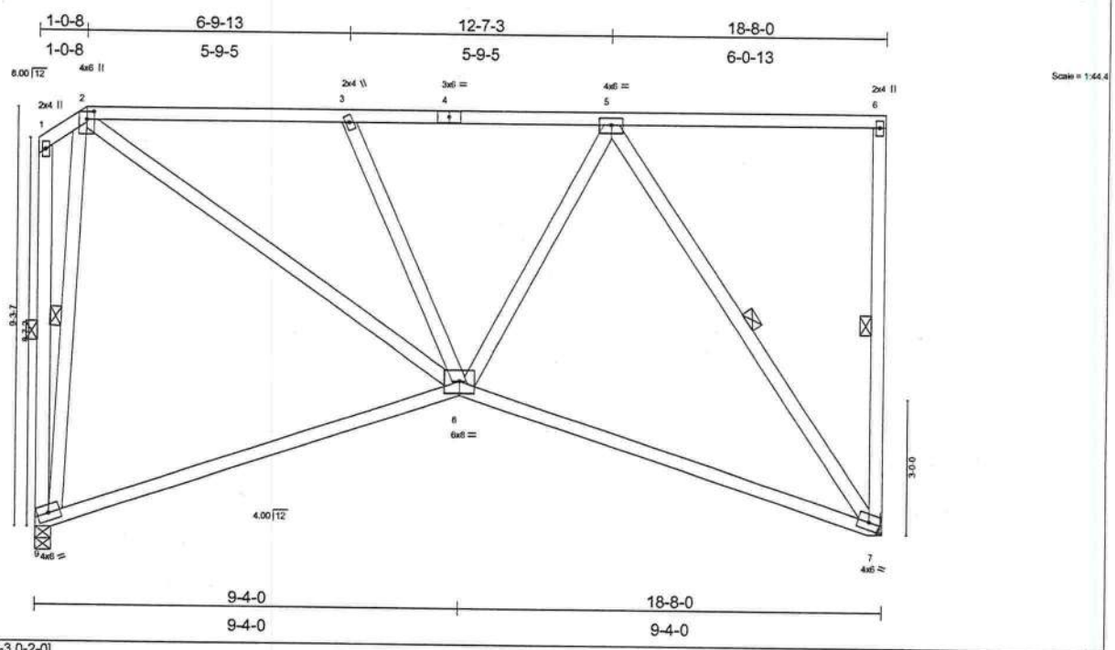

Plate Offsets (X,Y): [2:0-2-3,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.13	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.19	7-8	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.76	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2001/ANSI95		(Matrix)							Weight: 146 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-7, 5-7, 1-9, 2-9

REACTIONS (lb/size) 9=772/0-4-0, 7=772/Mechanical
Max Horz 9=29(load case 5)
Max Uplift9=-316(load case 3), 7=-364(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-58/7, 2-3=-758/372, 3-4=-622/257, 4-5=-622/257, 5-6=-23/5, 6-7=-147/117, 1-9=-101/0
BOT CHORD 8-9=-75/142, 7-8=-247/522
WEBS 2-8=-408/824, 3-8=-344/290, 5-8=-63/361, 5-7=-778/411, 2-9=-678/456

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 316 lb uplift at joint 9 and 364 lb uplift at joint 7.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.	Dwg.#071805900
L121456	T29	ATTIC	1	3	Job Reference (optional)	

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:18 2005 Page 1

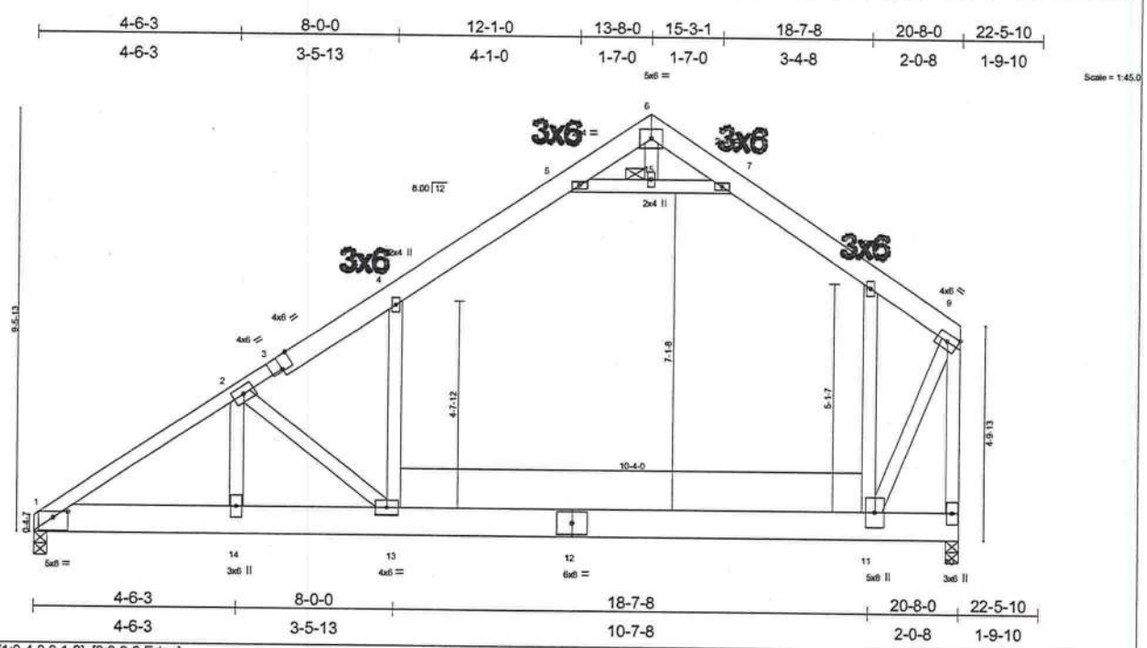

Plate Offsets (X,Y): [1:0-4-0,0-1-9], [3:0-3-0,Edge]

LOADING (psf)		SPACING	3-2-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	-0.30	11-13	>818	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.60	Vert(TL)	-0.45	11-13	>542	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.53	Horz(TL)	0.01	10	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)		Wind(LL)	0.21	11-13	>999	240	Weight: 481 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D *Except* T1 2 X 4 SYP No.2D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD 4-0-0 oc purlins (6-0-0 max.), except end verticals (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 6, 15, 9

REACTIONS (lb/size) 1=2504/0-3-8, 10=3111/0-3-8
Max Horz 1=463(load case 3)
Max Uplift1=-496(load case 4), 10=-420(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4237/832, 2-3=-2941/456, 3-4=-2776/471, 4-5=-2007/490, 5-6=0/780, 6-7=0/592, 7-8=-2173/595, 8-9=-2495/436, 9-10=-6008/1073
BOT CHORD 1-14=-1037/3494, 13-14=-1037/3494, 12-13=-402/2023, 11-12=-402/2023, 10-11=-4/39
WEBS 5-15=-2901/528, 7-15=-2901/528, 4-13=-140/1378, 8-11=-30/593, 2-14=-425/1035, 2-13=-1932/827, 6-15=-9/224, 9-11=-998/4958

NOTES
1) 3-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-15, 7-15; Wall dead load (5.0psf) on member(s).4-13, 8-11
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 496 lb uplift at joint 1 and 420 lb uplift at joint 10.
8) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 400 lb down and 198 lb up at 13-8-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-13=-47, 12-13=-374(F=-200), 11-12=-174, 10-11=-47, 1-4=-86, 4-5=-105, 5-6=-86, 6-7=-86, 7-8=-105, 8-9=-86, 5-7=-16
Drag: 4-13=-16, 8-11=-16
Concentrated Loads (lb)
Vert: 6=-400

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T30	MONO TRUSS	2	2	Job Reference (optional)

Dwg.#071805901

Builders FirstSource, Lake City, Fl 32055

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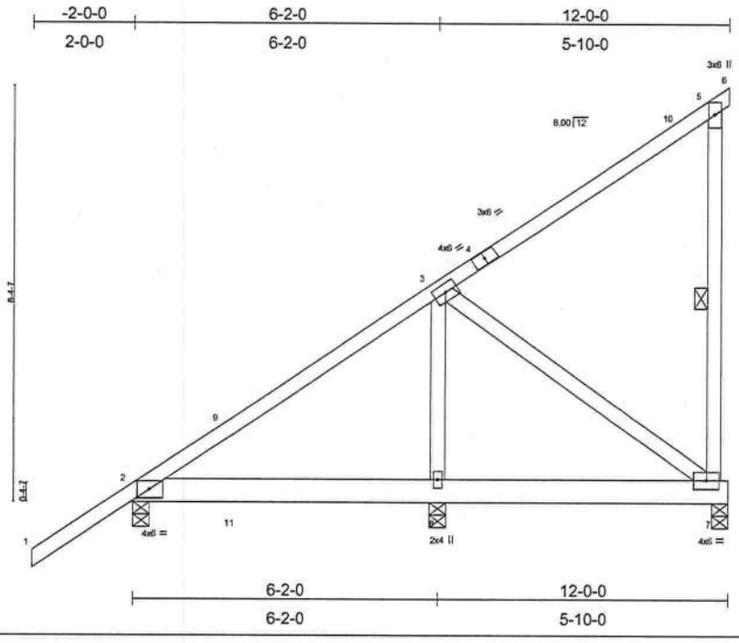

Plate Offsets (X,Y): [2:0-2-12,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.79	Vert(LL)	0.04	2-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.06	2-8	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.17	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 159 lb	

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

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-7

REACTIONS (lb/size) 7=900/0-4-0, 2=1332/0-4-0, 8=2353/0-4-0
Max Horz 2=454(load case 4)
Max Uplift7=-478(load case 4), 2=-558(load case 4), 8=-930(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-9=-866/98, 3-9=-546/123, 3-4=-708/127, 4-10=-70/2, 5-10=-159/276, 5-6=-2/0, 5-7=-589/321
BOT CHORD 2-11=-287/452, 8-11=-287/452, 7-8=-287/452
WEBS 3-8=-1783/756, 3-7=-489/322

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 478 lb uplift at joint 7, 558 lb uplift at joint 2 and 930 lb uplift at joint 8.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 584 lb down and 221 lb up at 2-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-9=-54, 5-10=-54, 5-6=-14, 2-7=-30
Concentrated Loads (lb)
Vert: 11=-584(F)
Trapezoidal Loads (plf)
Vert: 9=-418-to-10=-335

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T31	MONO TRUSS	5	1	Job Reference (optional)

Dwg.#071805902

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:20 2005 Page 1

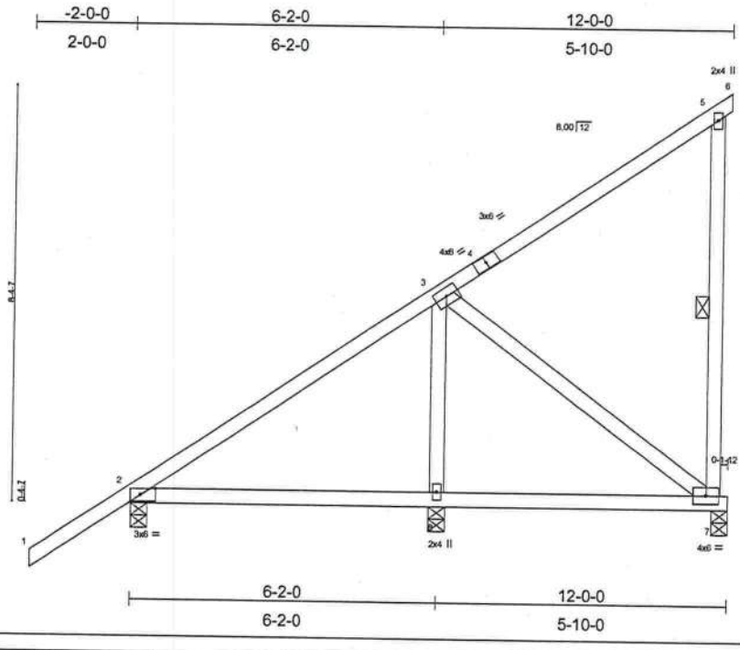

Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	0.10	2-8	>749	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.14	Vert(TL)	0.09	2-8	>813	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.09	Horz(TL)	-0.00	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 70 lb	

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

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-7

REACTIONS (lb/size) 7=231/0-4-0, 2=385/0-4-0, 8=475/0-4-0
Max Horz 2=453(load case 5)
Max Uplift7=-217(load case 5), 2=-186(load case 5), 8=-244(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-196/23, 3-4=-111/0, 4-5=-87/55, 5-6=-2/0, 5-7=-123/145
BOT CHORD 2-8=-129/63, 7-8=-129/63
WEBS 3-8=-274/214, 3-7=-63/156

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; 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.
2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 217 lb uplift at joint 7, 186 lb uplift at joint 2 and 244 lb uplift at joint 8.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T33G	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805903

Builders FirstSource, Lake City, Fl 32055

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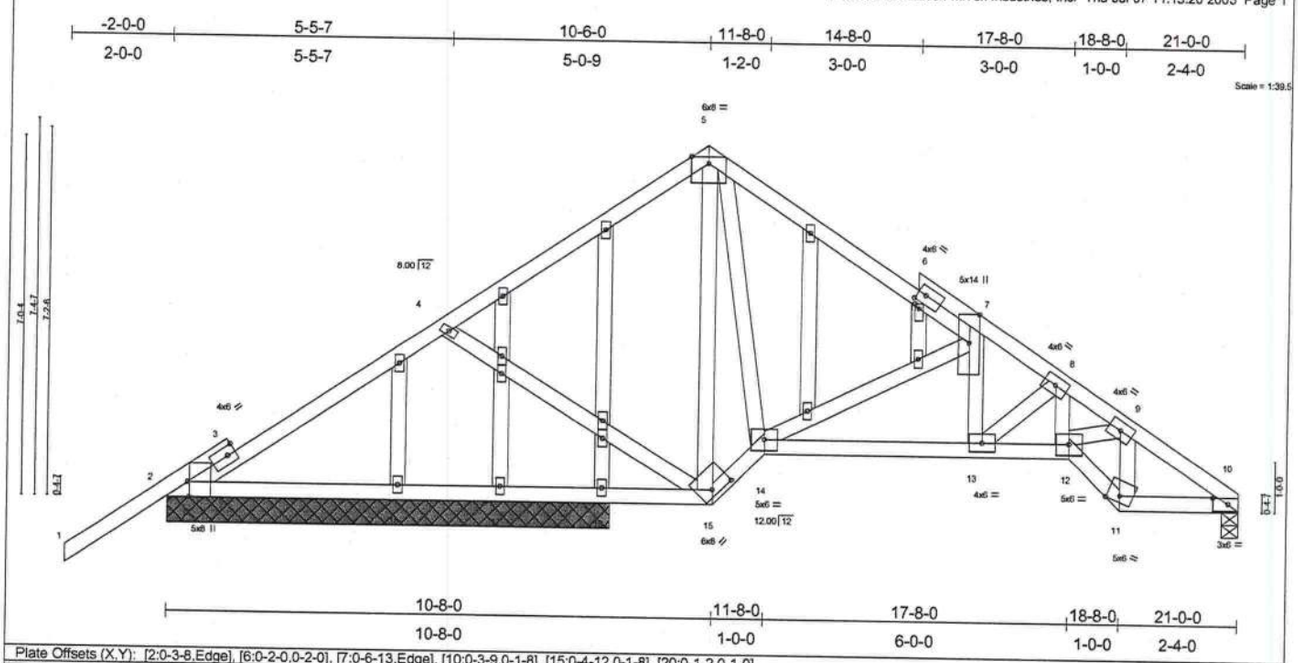

Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-2-0,0-2-0], [7:0-6-13,Edge], [10:0-3-9,0-1-8], [15:0-4-12,0-1-8], [20:0-1-2,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	-0.11	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.15	13-14	>961	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.65	Horz(TL)	0.10	10	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 146 lb	

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

BRACING
TOP CHORD Sheathed or 3-11-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-2-11 oc bracing.

REACTIONS (lb/size) 2=1327/8-8-0, 10=978/0-4-0, 16=501/8-8-0, 17=-277/8-8-0, 18=314/8-8-0
Max Horz 2=262(load case 4)
Max Uplift2=-602(load case 5), 10=-332(load case 6), 16=-146(load case 6), 17=-277(load case 1), 18=-52(load case 6)
Max Grav 2=1327(load case 1), 10=978(load case 1), 16=501(load case 1), 17=120(load case 6), 18=314(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-15/123, 2-3=-1628/640, 3-4=-1538/645, 4-5=-1099/475, 5-6=-1260/551, 6-7=-1347/547, 7-8=-1960/752, 8-9=-2467/915, 9-10=-1560/580
BOT CHORD 2-18=-554/1280, 17-18=-554/1280, 16-17=-554/1280, 15-16=-553/1277, 14-15=-351/1207, 13-14=-580/1770, 12-13=-626/1933, 11-12=-536/1530, 10-11=-427/1219
WEBS 4-15=-596/393, 5-14=-429/1454, 7-14=-835/406, 8-12=-248/666, 9-12=-283/954, 9-11=-952/362, 5-15=-824/170, 7-13=-19/268, 8-13=-200/59

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 602 lb uplift at joint 2, 332 lb uplift at joint 10, 146 lb uplift at joint 16, 277 lb uplift at joint 17 and 52 lb uplift at joint 18.
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: 1-5=-114(F=-60), 5-6=-114(F=-60), 6-10=-54, 2-15=-30, 14-15=-30, 12-14=-30, 11-12=-30, 10-11=-30

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T34	SPECIAL	2	1	Job Reference (optional)

Dwg.#071805904

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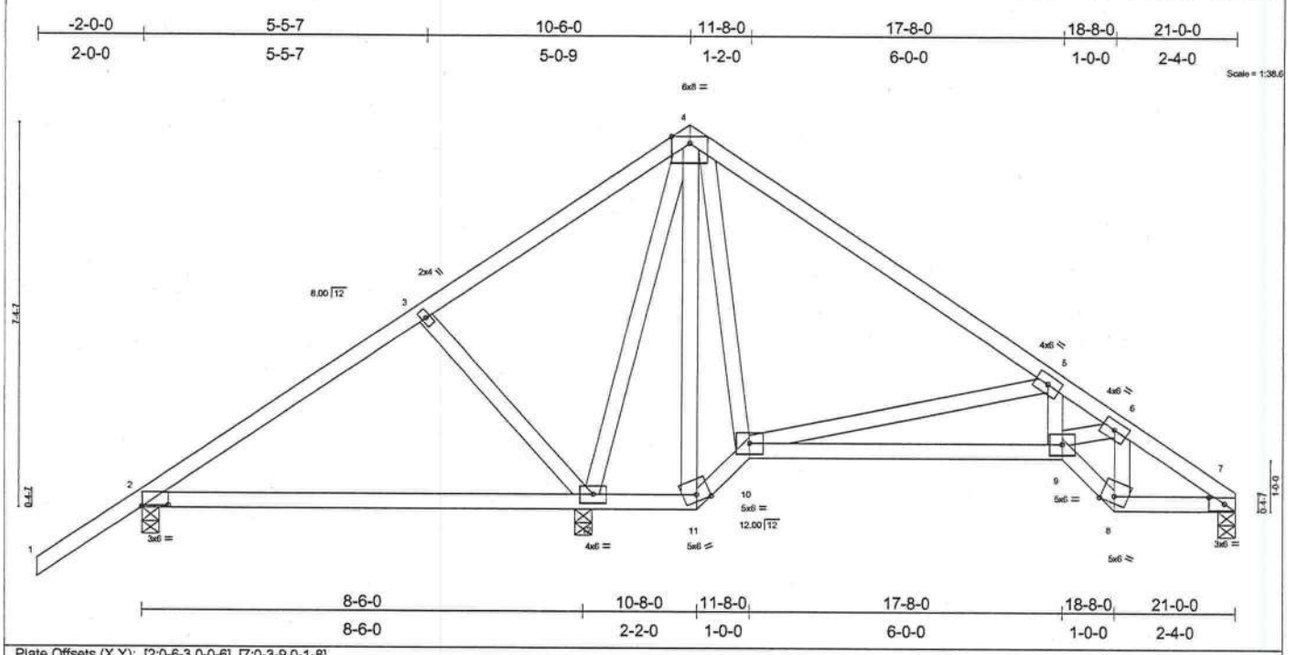

Plate Offsets (X,Y): [2:0-6-3,0-0-6], [7:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.09	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.13	2-12	>770	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.71	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 125 lb	

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

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

REACTIONS (lb/size) 7=352/0-4-0, 2=256/0-4-0, 12=1245/0-4-0
Max Horz 2=274(load case 4)
Max Uplift7=-141(load case 6), 2=-207(load case 5), 12=-299(load case 5)
Max Grav 7=355(load case 8), 2=337(load case 7), 12=1245(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-30/315, 3-4=-23/448, 4-5=-60/153, 5-6=-804/312, 6-7=-476/190
BOT CHORD 2-12=-233/203, 11-12=-105/174, 10-11=-56/229, 9-10=-264/710, 8-9=-110/481, 7-8=-104/343
WEBS 3-12=-270/241, 4-10=0/340, 5-10=-771/459, 5-9=0/283, 6-9=-177/461, 6-8=-291/44, 4-11=-140/6, 4-12=-791/280

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 141 lb uplift at joint 7, 207 lb uplift at joint 2 and 299 lb uplift at joint 12.

LOAD CASE(S) Standard

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T35	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805905

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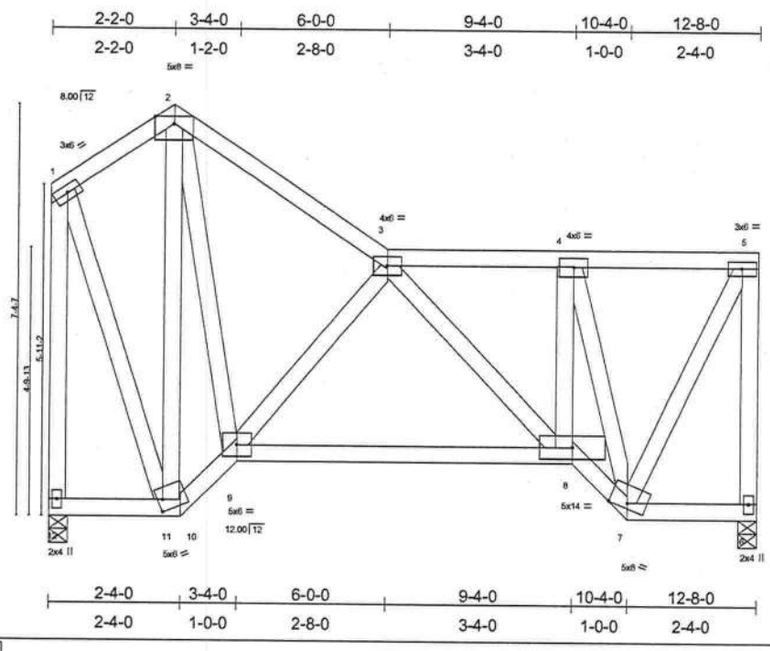

Plate Offsets (X,Y): [10:0-1-0,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.05	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	-0.08	8-9	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 115 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=520/0-4-0, 12=520/0-4-0
Max Horz 12=-83(load case 3)
Max Uplift6=-198(load case 4), 12=-196(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-181/99, 2-3=-344/118, 3-4=-380/142, 4-5=-207/78, 5-6=-491/219, 1-12=-485/236
BOT CHORD 11-12=-54/84, 10-11=-49/132, 9-10=-56/218, 8-9=-172/452, 7-8=-186/598, 6-7=-7/12
WEBS 2-11=-472/158, 2-9=-147/557, 3-9=-355/228, 3-8=-104/43, 4-8=-124/607, 4-7=-801/279, 5-7=-163/447, 1-11=-174/379

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint 6 and 196 lb uplift at joint 12.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T36	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805906

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:23 2005 Page 1

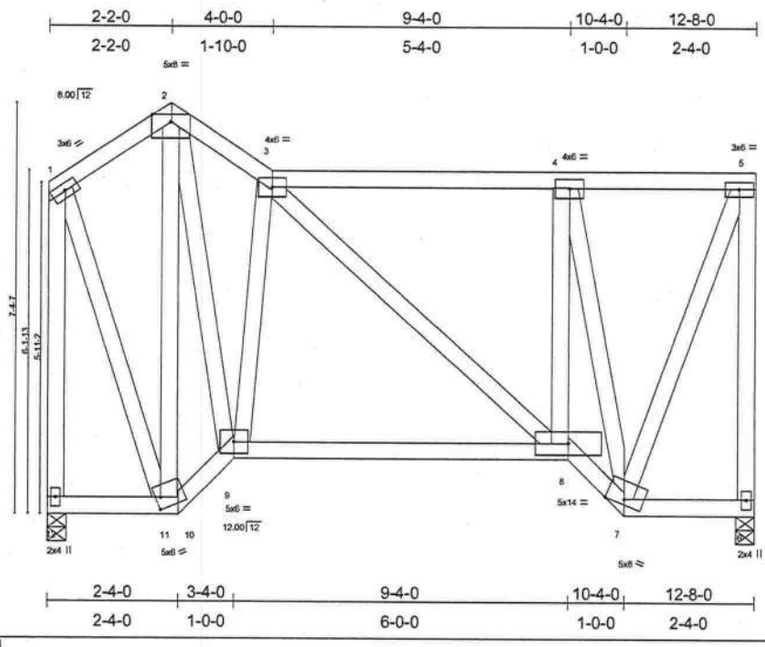

Plate Offsets (X,Y): [10:0-1-0,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.05	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.08	8-9	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 126 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=520/0-4-0, 12=520/0-4-0
Max Horz 12=46(load case 4)
Max Uplift6=-241(load case 4), 12=-170(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-188/102, 2-3=-353/186, 3-4=-291/136, 4-5=-166/78, 5-6=-493/253, 1-12=-485/222
BOT CHORD 11-12=-48/42, 10-11=-65/126, 9-10=-73/213, 8-9=-146/306, 7-8=-174/457, 6-7=-3/6
WEBS 2-11=-447/162, 2-9=-276/661, 3-8=-33/34, 4-8=-90/444, 4-7=-715/318, 5-7=-214/456, 1-11=-137/355, 3-9=-390/269

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 241 lb uplift at joint 6 and 170 lb uplift at joint 12.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T37	MONO HIP	1	1	Job Reference (optional)

Dwg.#071805907

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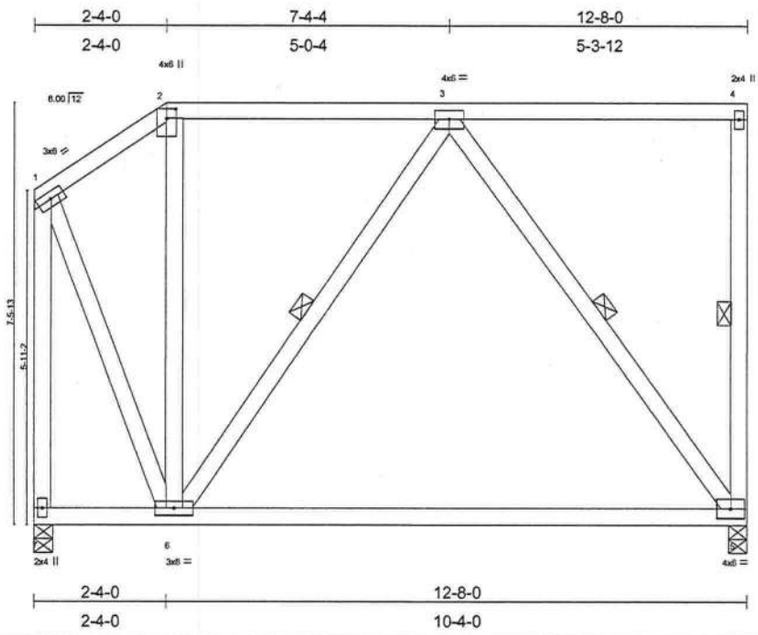

Plate Offsets (X,Y): [2:0-2-3,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	-0.19	5-6	>802	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.28	5-6	>534	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.17	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 101 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-5, 3-6, 3-5

REACTIONS (lb/size) 5=520/0-4-0, 7=520/0-4-0
Max Horz 7=68(load case 5)
Max Uplift5=-233(load case 3), 7=-136(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-224/86, 2-3=-179/110, 3-4=-35/1, 4-5=-132/100, 1-7=-598/171
BOT CHORD 6-7=-72/5, 5-6=-150/211
WEBS 2-6=-98/116, 3-6=-58/131, 3-5=-302/254, 1-6=-130/490

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 233 lb uplift at joint 5 and 136 lb uplift at joint 7.

LOAD CASE(S) Standard

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

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T39G	COMMON	1	1	Job Reference (optional)

Dwg.#071805908

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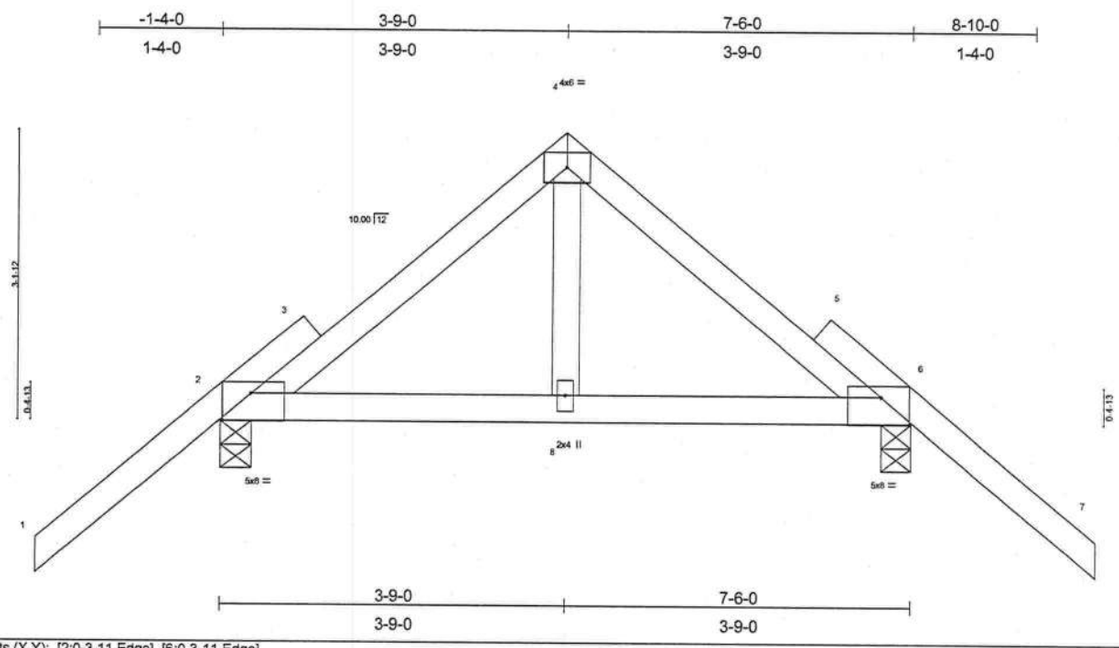

Plate Offsets (X,Y): [2:0-3-11,Edge], [6:0-3-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.01	2-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.01	2-8	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.04	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 40 lb	

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

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

REACTIONS (lb/size) 2=562/0-4-0, 6=562/0-4-0
Max Horz 2=128(load case 5)
Max Uplift2=-284(load case 5), 6=-284(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2/102, 2-3=-356/41, 3-4=-257/52, 4-5=-257/52, 5-6=-356/41, 6-7=-2/102
BOT CHORD 2-8=0/198, 6-8=0/198
WEBS 4-8=0/131

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 284 lb uplift at joint 2 and 284 lb uplift at joint 6.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-79(F=-25), 4-7=-79(F=-25), 2-6=-30

JULY 18, 2005 TRUSS DESIGN ENGINEER:
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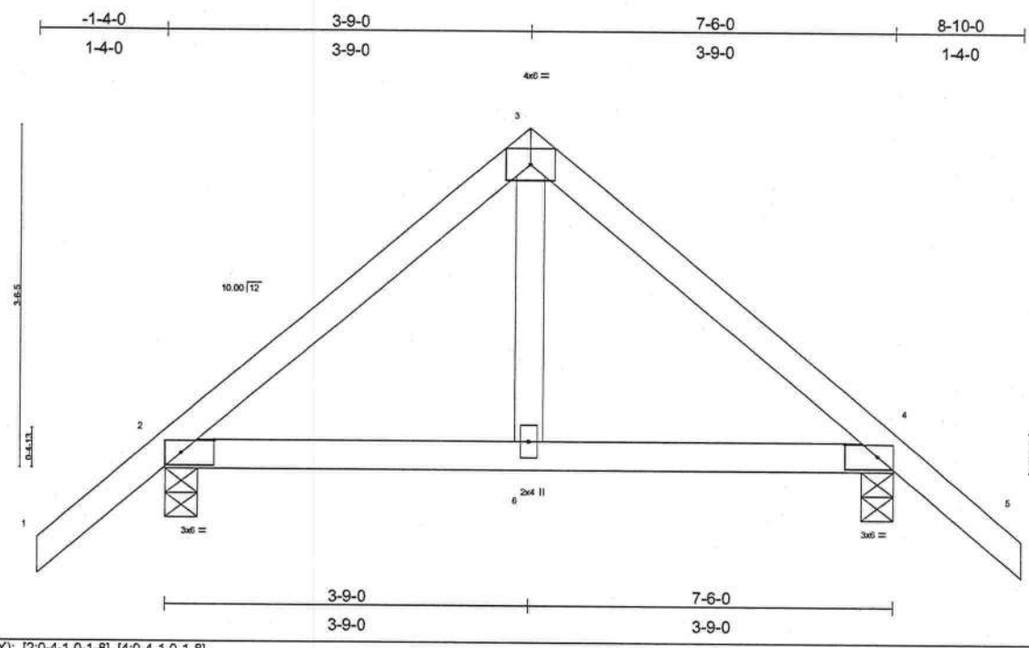
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T40	COMMON	4	1	Job Reference (optional)

Dwg.#071805909

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:25 2005 Page 1



Scale = 1:20.8

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.01	2-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.01	2-6	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 36 lb	

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

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

REACTIONS (lb/size) 2=382/0-4-0, 4=382/0-4-0
Max Horz 2=-116(load case 3)
Max Uplift2=-176(load case 5), 4=-176(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-295/71, 3-4=-295/71, 4-5=0/46
BOT CHORD 2-6=-3/164, 4-6=-3/164
WEBS 3-6=0/132

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 176 lb uplift at joint 2 and 176 lb uplift at joint 4.

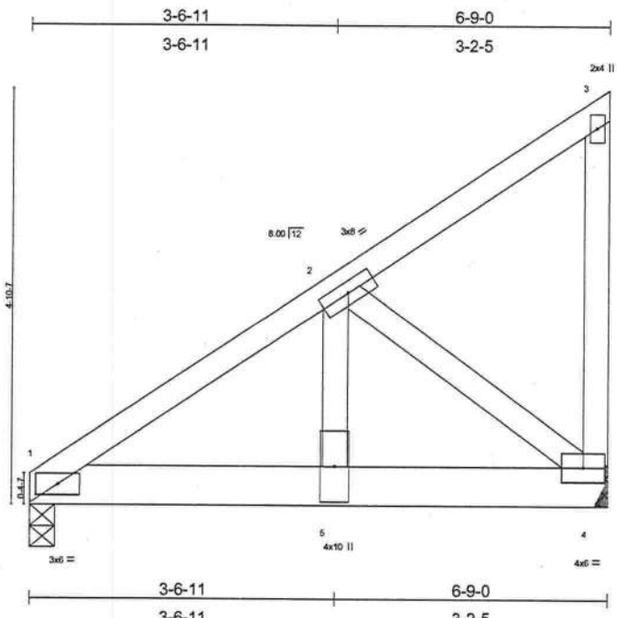
LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T42	MONO TRUSS	1	1	Job Reference (optional)

Dwg.#071805910

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:26 2005 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	0.17	Vert(LL)	-0.03	1-5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.04	1-5	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.58	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 42 lb	

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

BRACING
TOP CHORD Sheathed or 4-10-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=1695/0-3-8, 4=1695/Mechanical
Max Horz 1=202(load case 4)
Max Uplift1=-592(load case 4), 4=-728(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1700/540, 2-3=-54/28, 3-4=-67/66
BOT CHORD 1-5=-596/1374, 4-5=-596/1374
WEBS 2-5=-640/1794, 2-4=-1733/751

NOTES
1) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 592 lb uplift at joint 1 and 728 lb uplift at joint 4.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-471(F=-441), 1-3=-54

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T44	SPECIAL	1	1	Job Reference (optional)

Dwg.#07180591

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:26 2005 Page 1

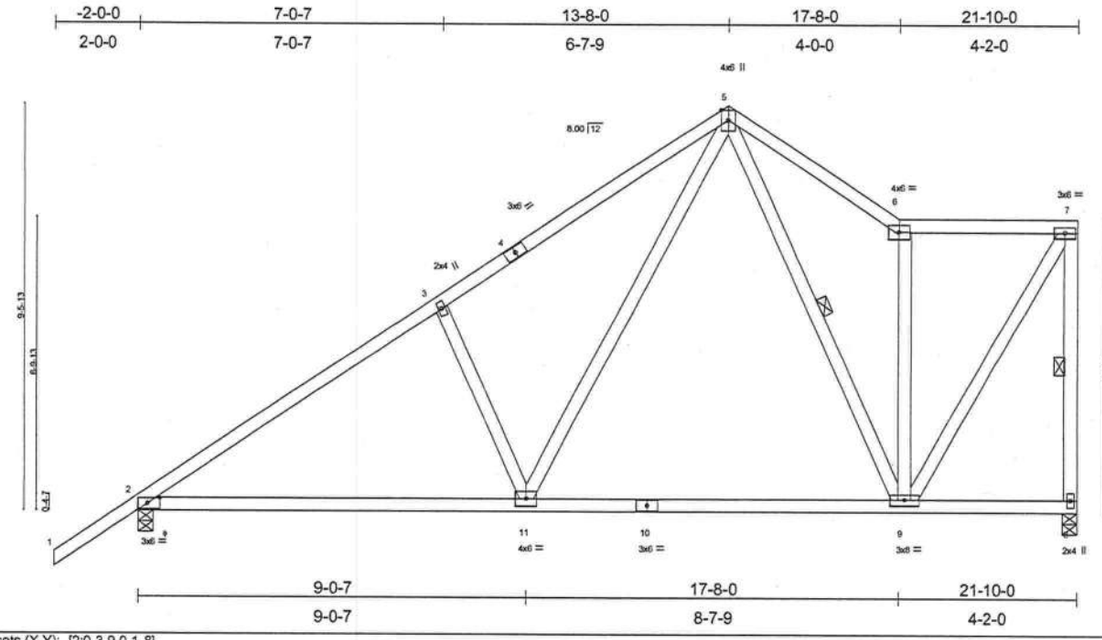


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.14	2-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.21	2-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 140 lb	

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

BRACING
TOP CHORD Sheathed or 5-7-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-6-2 oc bracing.
WEBS 1 Row at midpt 7-8, 5-9

REACTIONS (lb/size) 8=898/0-4-0, 2=1027/0-4-0
Max Horz 2=436(load case 5)
Max Uplift8=-267(load case 5), 2=-377(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1214/342, 3-4=-1064/403, 4-5=-956/431, 5-6=-613/280, 6-7=-462/176, 7-8=-867/361
BOT CHORD 2-11=-469/925, 10-11=-207/495, 9-10=-207/495, 8-9=-8/9
WEBS 3-11=-330/342, 5-11=-289/671, 5-9=-142/141, 6-9=-507/281, 7-9=-333/885

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 267 lb uplift at joint 8 and 377 lb uplift at joint 2.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T45	SPECIAL	1	1	Job Reference (optional)

Dwg.#071805912

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:27 2005 Page 1

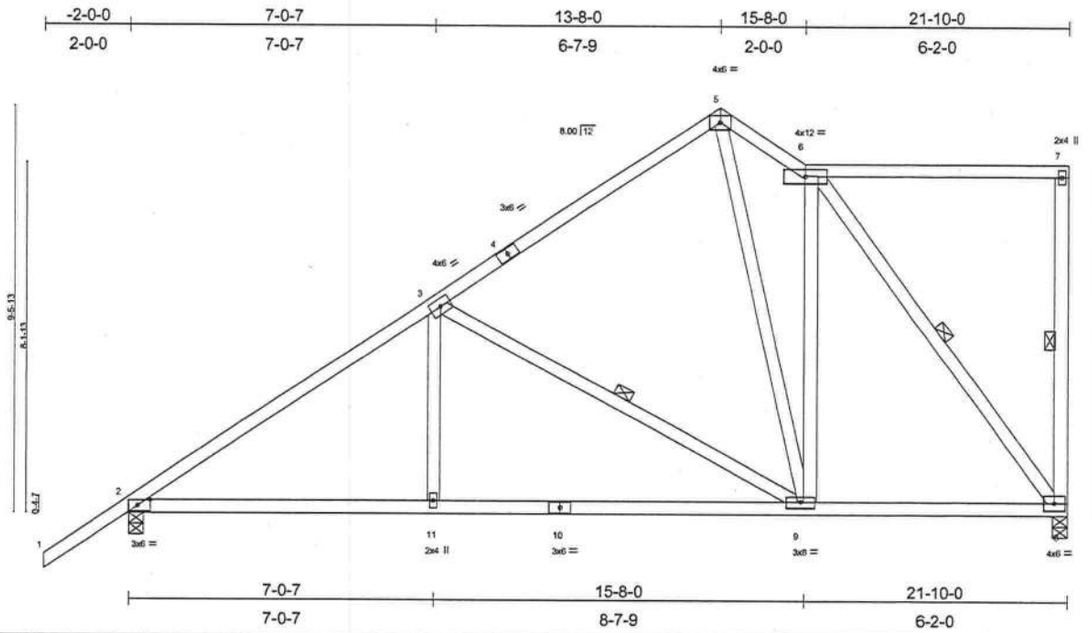


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.11	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.16	9-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 145 lb	

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

BRACING
TOP CHORD Sheathed or 5-6-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-4-12 oc bracing.
WEBS 1 Row at midpt 7-8, 3-9, 6-8

REACTIONS (lb/size) 8=898/0-4-0, 2=1027/0-4-0
Max Horz 2=471(load case 5)
Max Uplift8=-311(load case 4), 2=-365(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1263/302, 3-4=-639/192, 4-5=-532/220, 5-6=-658/294, 6-7=-19/10, 7-8=-158/131
BOT CHORD 2-11=-479/960, 10-11=-479/960, 9-10=-479/960, 8-9=-227/528
WEBS 3-11=0/261, 3-9=-592/336, 5-9=-126/439, 6-9=-95/264, 6-8=-836/358

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 311 lb uplift at joint 8 and 365 lb uplift at joint 2.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T46	HIP	1	1	Job Reference (optional)

Dwg.#071805913

Builders FirstSource, Lake City, Fl 32055

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:28 2005 Page 1

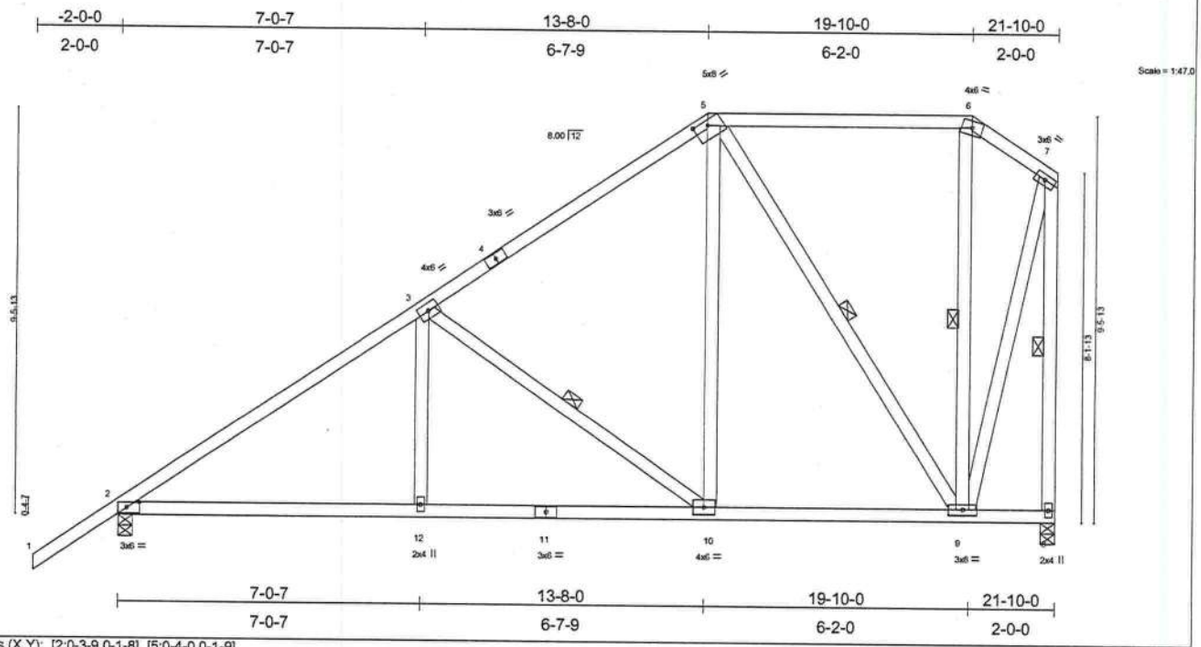


Plate Offsets (X,Y): [2:0-3-9,0-1-8], [5:0-4-0,0-1-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.08	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.11	2-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 158 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W6 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 5-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-4-6 oc bracing.
WEBS 1 Row at midpt 3-10, 5-9, 6-9, 7-8

REACTIONS (lb/size) 2=1027/0-4-0, 8=898/0-4-0
Max Horz 2=473(load case 5)
Max Uplift2=-365(load case 5), 8=-286(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1250/304, 3-4=-722/226, 4-5=-621/254, 5-6=-193/133, 6-7=-226/113, 7-8=-884/377
BOT CHORD 2-12=-482/949, 11-12=-482/949, 10-11=-482/949, 9-10=-240/524, 8-9=-2/4
WEBS 3-12=0/230, 3-10=-529/329, 5-10=-150/496, 5-9=-607/294, 6-9=-188/222, 7-9=-319/783

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 365 lb uplift at joint 2 and 286 lb uplift at joint 8.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T47	HIP	1	1	Dwg.#071805914

Builders FirstSource, Lake City, Fl 32055 — Job Reference (optional)

6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:29 2005 Page 1

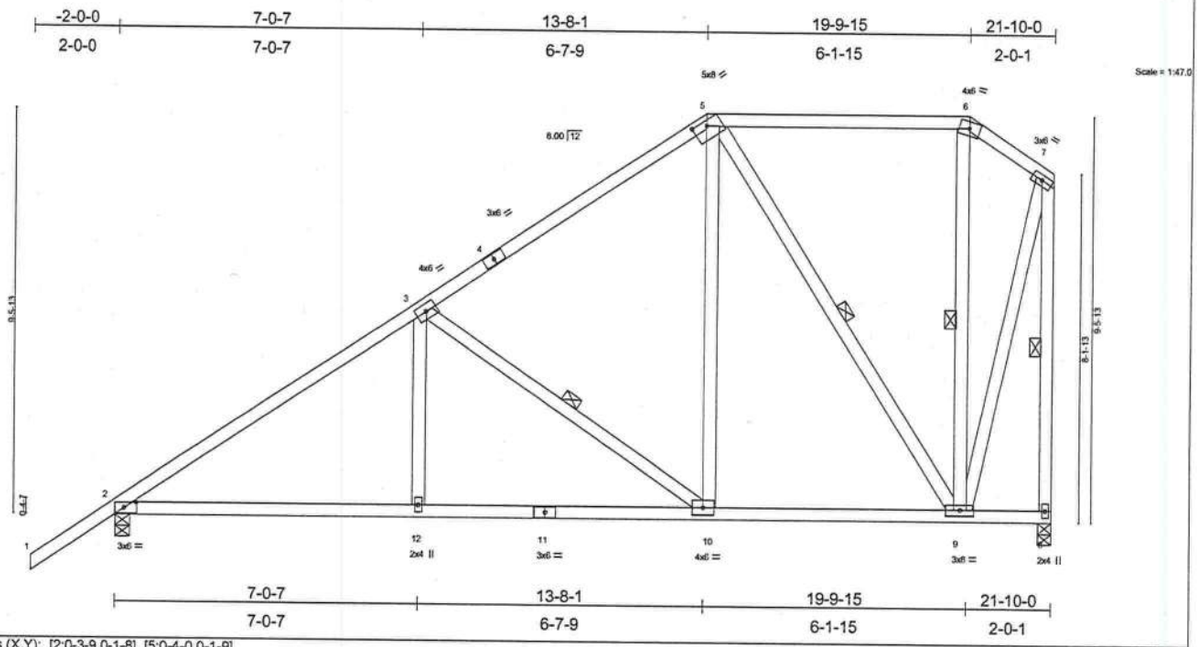


Plate Offsets (X,Y): [2:0-3-9,0-1-8], [5:0-4-0,0-1-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.08	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.11	2-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 158 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W6 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 5-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-4-6 oc bracing.
WEBS 1 Row at midpt 3-10, 5-9, 6-9, 7-8

REACTIONS (lb/size) 2=1027/0-4-0, 8=898/0-4-0
Max Horz 2=473(load case 5)
Max Uplift2=-365(load case 5), 8=-286(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1250/304, 3-4=-722/226, 4-5=-620/254, 5-6=-193/133, 6-7=-226/113, 7-8=-883/377
BOT CHORD 2-12=-482/949, 11-12=-482/949, 10-11=-482/949, 9-10=-240/523, 8-9=-2/4
WEBS 3-12=0/230, 3-10=-529/329, 5-10=-150/496, 5-9=-607/294, 6-9=-188/222, 7-9=-318/782

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 365 lb uplift at joint 2 and 286 lb uplift at joint 8.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	JENKNIS/PRIEST RES.
L121456	T48	HIP	2	1	Dwg.#071805915

Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Dec 15 2004 MiTek Industries, Inc. Thu Jul 07 11:13:29 2005 Page 1

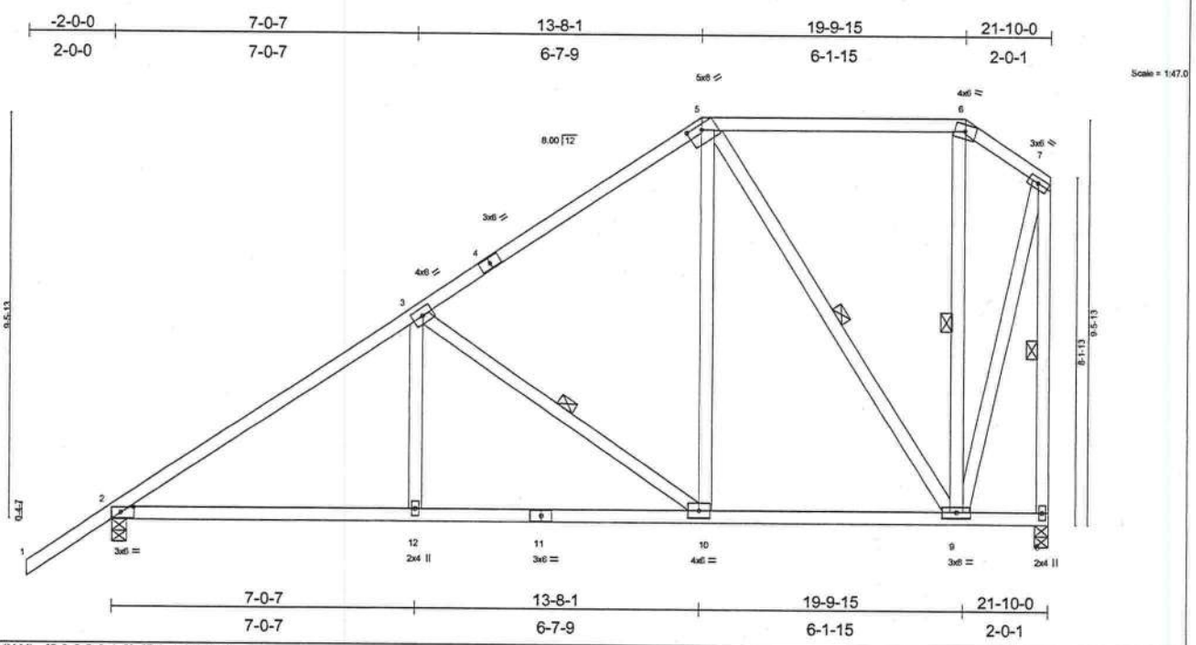


Plate Offsets (X,Y): [2:0-3-9,0-1-8], [5:0-4-0,0-1-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.08	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.11	2-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code	FBC2001/ANSI95	(Matrix)							Weight: 158 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3 *Except*
W6 2 X 4 SYP No.2D

BRACING
TOP CHORD Sheathed or 5-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-4-6 oc bracing.
WEBS 1 Row at midpt 3-10, 5-9, 6-9, 7-8

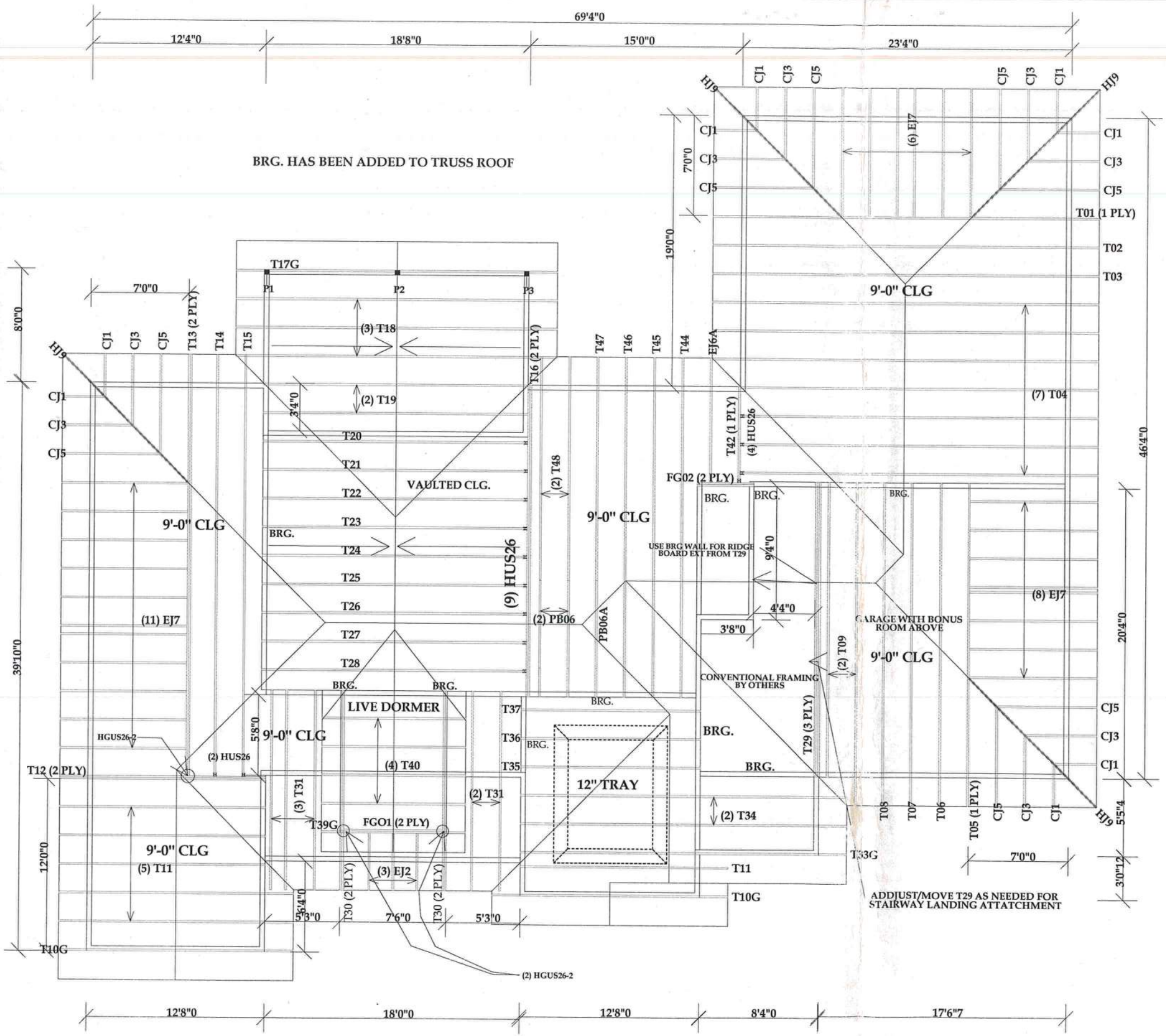
REACTIONS (lb/size) 2=1027/0-4-0, 8=898/0-4-0
Max Horz 2=473(load case 5)
Max Uplift2=-365(load case 5), 8=-286(load case 4)

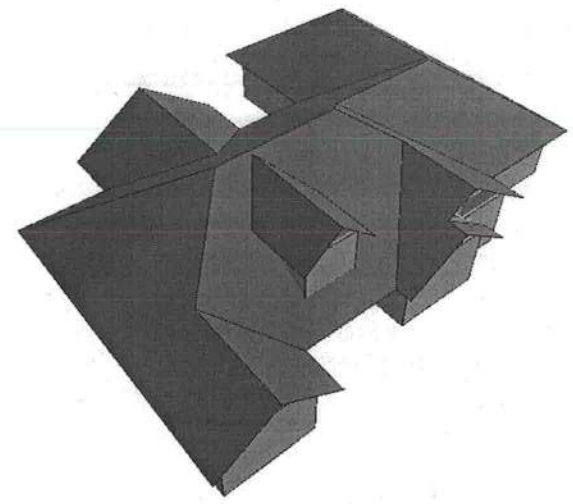
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1250/304, 3-4=-722/226, 4-5=-620/254, 5-6=-193/133, 6-7=-226/113, 7-8=-883/377
BOT CHORD 2-12=-482/949, 11-12=-482/949, 10-11=-482/949, 9-10=-240/523, 8-9=-2/4
WEBS 3-12=0/230, 3-10=-529/329, 5-10=-150/496, 5-9=-607/294, 6-9=-188/222, 7-9=-318/782

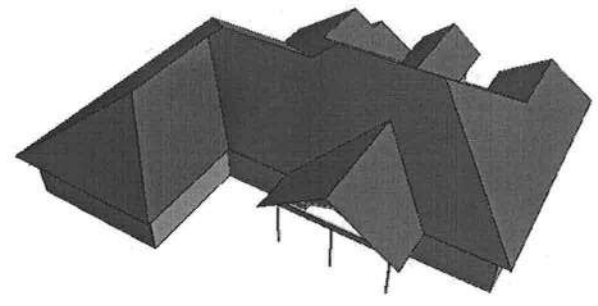
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-98; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 365 lb uplift at joint 2 and 286 lb uplift at joint 8.

LOAD CASE(S) Standard

JULY 18, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549







HANGER SCHEDULE

(15) HUS26
(3) HGUS26-2

BEARING HEIGHT SCHEDUL

9'-0"

EXTERIOR WALL SIZE	2
OVERHANG	2
ROOF PITCH(S)	8/1

NOTES:

1.) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BR; REFER TO ENGINEERED DRAWINGS FOR PERMAN BRACING REQUIRED.

2.) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V10S FOR ALTERNATE BRACING REQUIREMENTS.

3.) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4.) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.

5.) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.

6.) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7.) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.

8.) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVA

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

Requested Delivery Date : _____

Approved by: _____ Date: _____

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

BUILDER: **JENKINS**

LEGAL ADDRESS: **PRIEST RESIDENCE**

MODEL:	REVISION:
CUSTOM	SCALE: N
DATE: **7/06/05**	DRAWN BY: **BPC** / JOB #: **L11214**

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 9/26/05

317 NW PARRISH CT, LAKE CITY, FL 32055

(Address of Treatment or Lot/Block of Treatment) City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete foundation installation.)

6/04 ©

Notice of Treatment 11773

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: BAYA AVE
City L C Phone 7521703

Site Location: Subdivision N/A
Lot # N/A Block# N/A Permit # 23736
Address 317 NW PARRISH CT

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

Type treatment: ☐ Soil ☑ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Dwelling	2910	940	5

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

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

1-13-06 Date | 0800 Time | F254 Print Technician's Name

Remarks: ____________

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©