DATE 07/11/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027166

APPLICANT JACOB KIRSCH PHONE 344-4817

ADDRESS 484 NW TURNER AVE LAKE CITY FL 32055

OWNER SOUTHEAST DEVELOPERS PHONE 755-2082

ADDRESS 199 SW BUTTERCUP DR LAKE CITY FL 32024

CONTRACTOR JACOB KIESCH PHONE 344-4817

LOCATION OF PROPERTY 90 W, L 247, L CALLAHAN AVE, TR ON HOPE HENRY, TR MORNING GL
TR ON BUTTERCUP, 4TH ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 123200.00

HEATED FLOOR AREA 1914.00 TOTAL AREA 2464.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 20

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. ____

PARCEL ID 15-4S-16-03023-548 SUBDIVISION ROLLING MEADOWS

LOT 48 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 0.51

000001636	____	CBC1253775		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
CULVERT	08-0057	BK	JH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: PLAT REQUIRES MFE AT 109 FT., ELEVATION CONFIRMATION LETTER
REQUIRED AT SLAB

Check # or Cash 12110

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 $ 620.00 CERTIFICATION FEE $ 12.32 SURCHARGE FEE $ 12.32

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

FLOOD DEVELOPMENT FEE $ ____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 744.64

INSPECTORS OFFICE Gale Tedder 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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

Columbia County Building Permit Application

For Office Use Only Application # 0801-52 Date Received 1-11-08 By LH Permit # 16361 271166

Application Approved by - Zoning Official BLK Date 1.01.08 Plans Examiner OKTH Date 1-15-08

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

Comments Plat Requires MFE of 109 ft. Elevation Confirmation Letter Required

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

07-4233

Name Authorized Person Signing Permit Jacob Kirsch Fax 386-752-5047

Address 484 NW turner ave. #101, Lake City, FL 32055 Phone 386-344-4817

Owners Name Southeast Developers Phone 386-755-2082

911 Address 199 SW Buttercup Dr Lake City fl 32024

Contractors Name Jacob Kirsch - Compass Builders Phone 386-344-4817

Address 484 NW turner ave, #101, Lake City, FL 32055

Fee Simple Owner Name & Address Southeast Developers Group, Lake City, FL

Bonding Co. Name & Address N/A.

Architect/Engineer Name & Address Nicholas Paul Geisler 1758 NW Brown rd. L.C. FL

Mortgage Lenders Name & Address Colombia Bank 173 NW hillsboro St Lake City, FL, 32025

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

Property ID Number 15-4S-16-03023-548 Estimated Cost of Construction 102,000.-

Subdivision Name Rolling Meadows Lot 48 Block ____ Unit ____ Phase ____

Driving Directions from US90/441 - go US90 West to C.R-247, tL, follow to SW Callahan ave, tL, follow to Rolling Meadows Sub. tR, follow Morning Glory dr. to SW Buttercup dr. tR, 4th Lot on Right.

Type of Construction S.F.D. Number of Existing Dwellings on Property 0

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

Actual Distance of Structure from Property Lines - Front 50' Side 38' Side 38' Rear 54'

Total Building Height 20'6" Number of Stories 1 Heated Floor Area 1414 TOTAL 2464 Roof Pitch 8/12

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

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

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

Owner Builder or Authorized Person by Notarized letter

Jacob L. Kirsch
Contractor Signature

Contractors License Number CBC 1253775

Competency Card Number

NOTARY STAMP/SEAL

NOTARY PUBLIC STATE OF FLORIDA
Michelle Fischer
Commission # DD598374
Expires: SEP. 24, 2010
BONDED THRU ATLANTIC BONDING CO., INC.

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 11 day of Jan 2008.

Personally known ☒ or Produced Identification ____

Michelle Fischer
Notary Signature

(Revised Sept. 2006)

JW LEFT MESSAGE 1.18.08

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Contractor's Signature (Permitee)

Contractor's License Number CBC 1253775
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 31 **day of** Jan **20** 08.
Personally known V **or Produced Identification**_____

State of Florida Notary Signature (For the Contractor)

SEAL:

Notary Public State of Florida
Matthew Rocco
My Commission DD578349
Expires 09/17/2010

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001636

DATE 07/11/2008 PARCEL ID # 15-4S-16-03023-548

APPLICANT JACOB KIRSCH PHONE 344-4817

ADDRESS 484 NW TURNER AVE SUITE 101 LAKE CITY FL 32055

OWNER SOUTHEAST DEVELOPERS PHONE 755-2082

ADDRESS 199 SW BUTTERCUP DR LAKE CITY FL 32024

CONTRACTOR JACOB KIESCH PHONE 344-4817

LOCATION OF PROPERTY 90 W, L 247, L CALLAHAN AVE, TR ON HOPE HENRY, TR MORNING GLORY, TR ON BUTTERCUP, 4TH ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROLLING MEADOWS 48

SIGNATURE X

INSTALLATION REQUIREMENTS

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

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

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

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

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

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

FORM 600A-2004R EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Compass Builders - Kezia**	Builder:	**Compass Builders**
Address:	**Lot: 48 Sub: Rolling Meadows, Plat:**	Permitting Office:	Columbia County
City, State:	**Lake City, FL 32025-** Lot 48	Permit Number:	27103
Owner:	**Spec House**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No		
6. Conditioned floor area (ft²)	1914 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 294.3 ft²	13. Heating systems	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 294.3 ft²	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
			HSPF: 7.70
8. Floor types		b. N/A	
a. Slab-On-Grade Edge Insulation	R=5.0, 240.0(p) ft		
b. N/A		c. N/A	
c. N/A			
9. Wall types		14. Hot water systems	
a. Frame, Wood, Exterior	R=13.0, 1487.7 ft²	a. Electric Resistance	Cap: 50.0 gallons
b. Frame, Wood, Adjacent	R=13.0, 220.0 ft²		EF: 0.90
c. N/A		b. N/A	
d. N/A			
e. N/A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT,
a. Under Attic	R=30.0, 2050.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft		
b. N/A			

Glass/Floor Area: 0.15 Total as-built points: 25305 Total base points: 25788 **PASS**

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

PREPARED BY: _____

DATE: 1-9-08

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

OWNER/AGENT: _____

DATE: 1/10/08

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** 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	1914.0	18.59	6405.0	1.Double, Clear	W	1.5	10.0	105.0	38.52	0.98	3959.0
				2.Double, Clear	W	1.5	10.0	4.0	38.52	0.98	150.0
				3.Double, Clear	N	1.5	10.0	40.0	19.20	0.98	754.0
				4.Double, Clear	W	1.5	10.0	6.0	38.52	0.98	226.0
				5.Double, Clear	W	1.5	10.0	16.0	38.52	0.98	603.0
				6.Double, Clear	N	1.5	8.0	20.0	19.20	0.97	371.0
				7.Double, Clear	E	1.5	8.0	30.0	42.06	0.96	1208.0
				8.Double, Clear	E	7.5	10.0	13.3	42.06	0.59	332.0
				9.Double, Clear	E	1.5	10.0	30.0	42.06	0.98	1234.0
				10.Double, Clear	S	1.5	8.0	30.0	35.87	0.92	993.0
				As-Built Total:				**294.3**			**9830.0**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	220.0	0.70	154.0	1. Frame, Wood, Exterior	13.0	1487.7	1.50	2231.5
Exterior	1487.7	1.70	2529.1	2. Frame, Wood, Adjacent	13.0	220.0	0.60	132.0
Base Total:	**1707.7**		**2683.1**	**As-Built Total:**		**1707.7**		**2363.5**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	1.Exterior Insulated	20.0	4.10	82.0
Exterior	20.0	6.10	122.0	2.Adjacent Insulated	20.0	1.60	32.0
Base Total:	**40.0**		**170.0**	**As-Built Total:**	**40.0**		**114.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	1914.0	1.73	3311.2	1. Under Attic	30.0	2050.0	1.73 X 1.00	3546.5
Base Total:	**1914.0**		**3311.2**	**As-Built Total:**		**2050.0**		**3546.5**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	240.0(p)	-37.0	-8880.0	1. Slab-On-Grade Edge Insulation	5.0	240.0(p	-36.20	-8688.0
Raised	0.0	0.00	0.0					
Base Total:			**-8880.0**	**As-Built Total:**		**240.0**		**-8688.0**

INFILTRATION	Area X	BSPM	= Points	Area X	SPM	= Points
	1914.0	10.21	19541.9	1914.0	10.21	19541.9

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 23231.2			**Summer As-Built Points:**					**26708.0**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 42000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)					
			26708	1.00	(1.09 x 1.147 x 1.00)	0.260	0.950	8247.6
23231.2	**0.3250**	**7550.2**	**26708.0**	**1.00**	**1.250**	**0.260**	**0.950**	**8247.6**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** 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	1914.0	20.17	6949.0	1.Double, Clear	W	1.5	10.0	105.0	20.73	1.01	2188.0
				2.Double, Clear	W	1.5	10.0	4.0	20.73	1.01	83.0
				3.Double, Clear	N	1.5	10.0	40.0	24.58	1.00	983.0
				4.Double, Clear	W	1.5	10.0	6.0	20.73	1.01	125.0
				5.Double, Clear	W	1.5	10.0	16.0	20.73	1.01	333.0
				6.Double, Clear	N	1.5	8.0	20.0	24.58	1.00	491.0
				7.Double, Clear	E	1.5	8.0	30.0	18.79	1.02	574.0
				8.Double, Clear	E	7.5	10.0	13.3	18.79	1.21	303.0
				9.Double, Clear	E	1.5	10.0	30.0	18.79	1.01	570.0
				10.Double, Clear	S	1.5	8.0	30.0	13.30	1.04	415.0
				As-Built Total:				**294.3**			**6065.0**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Adjacent	220.0	3.60	792.0	1. Frame, Wood, Exterior			13.0	1487.7	3.40		5058.2
Exterior	1487.7	3.70	5504.5	2. Frame, Wood, Adjacent			13.0	220.0	3.30		726.0
Base Total:	**1707.7**		**6296.5**	**As-Built Total:**				**1707.7**			**5784.2**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points
Adjacent	20.0	11.50	230.0	1.Exterior Insulated				20.0	8.40		168.0
Exterior	20.0	12.30	246.0	2.Adjacent Insulated				20.0	8.00		160.0
Base Total:	**40.0**		**476.0**	**As-Built Total:**				**40.0**			**328.0**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points
Under Attic	1914.0	2.05	3923.7	1. Under Attic			30.0	2050.0	2.05 X 1.00		4202.5
Base Total:	**1914.0**		**3923.7**	**As-Built Total:**				**2050.0**			**4202.5**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	240.0(p)	8.9	2136.0	1. Slab-On-Grade Edge Insulation			5.0	240.0(p	7.60		1824.0
Raised	0.0	0.00	0.0								
Base Total:			**2136.0**	**As-Built Total:**				**240.0**			**1824.0**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points
	1914.0	-0.59	-1129.3					1914.0	-0.59		-1129.3

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**18651.9**	**Winter As-Built Points:**					**17074.4**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 42000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0					
18651.9	0.5540	10333.2	17074.4 **17074.4**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.443 **0.443**	0.950 **0.950**	8976.9 **8976.9**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	50.0	0.90	3	1.00	2693.56	1.00	8080.7	
				As-Built Total:							**8080.7**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
7550	**10333**	**7905**	**25788**	**8248**	**8977**	**8081**	**25305**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.8

The higher the score, the more efficient the home.

Spec House, Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 42.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3			b. N/A	
5.	Is this a worst case?	No				
6.	Conditioned floor area (ft²)	1914 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 294.3 ft²			a. Electric Heat Pump	Cap: 42.0 kBtu/hr
	b. SHGC:					HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (Clear) 294.3 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=5.0, 240.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 50.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1487.7 ft²				EF: 0.90
	b. Frame, Wood, Adjacent	R=13.0, 220.0 ft²			b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 2050.0 ft²		15.	HVAC credits	PT,
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

Residential System Sizing Calculation

Summary

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia
Lot 48

Code Only
Professional Version
Climate: North

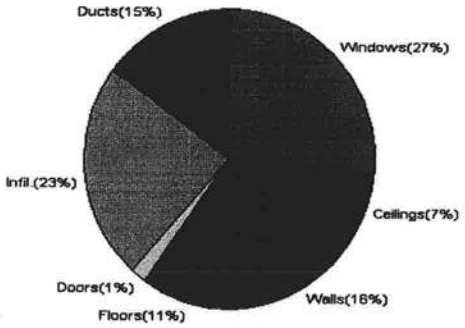
1/10/2008

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**35547**	**Btuh**	**Total cooling load calculation**	**49767**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.2	42000	Sensible (SHR = 0.75)	77.4	31500
Heat Pump + Auxiliary(0.0kW)	118.2	42000	Latent	115.9	10500
			Total (Electric Heat Pump)	84.4	42000

WINTER CALCULATIONS

Winter Heating Load (for 1914 sqft)

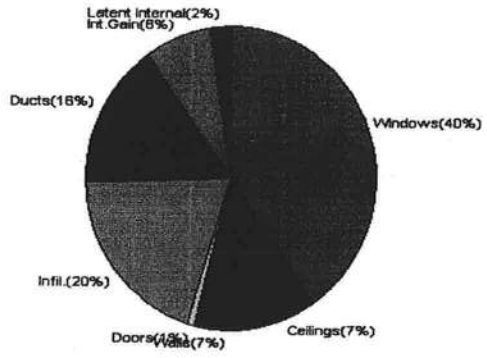
Load component			Load	
Window total	294	sqft	9474	Btuh
Wall total	1708	sqft	5608	Btuh
Door total	40	sqft	518	Btuh
Ceiling total	2050	sqft	2416	Btuh
Floor total	240	sqft	3925	Btuh
Infiltration	204	cfm	8270	Btuh
Duct loss			5336	Btuh
Subtotal			**35547**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**35547**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1914 sqft)

Load component			Load	
Window total	294	sqft	19977	Btuh
Wall total	1708	sqft	3435	Btuh
Door total	40	sqft	392	Btuh
Ceiling total	2050	sqft	3395	Btuh
Floor total			0	Btuh
Infiltration	179	cfm	3325	Btuh
Internal gain			3780	Btuh
Duct gain			6405	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**40708**	**Btuh**
Latent gain(ducts)			1330	Btuh
Latent gain(infiltration)			6528	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**9059**	**Btuh**
TOTAL HEAT GAIN			**49767**	**Btuh**



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Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 1-9-08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

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

1/10/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	105.0	32.2	3380 Btuh
2	2, Clear, Metal, 0.87	W	4.0	32.2	129 Btuh
3	2, Clear, Metal, 0.87	N	40.0	32.2	1288 Btuh
4	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	W	16.0	32.2	515 Btuh
6	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	E	13.3	32.2	429 Btuh
9	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	S	30.0	32.2	966 Btuh
	Window Total		294(sqft)		9474 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1488	3.3	4886 Btuh
2	Frame - Wood - Adj(0.09)	13.0	220	3.3	722 Btuh
	Wall Total		1708		5608 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2050	1.2	2416 Btuh
	Ceiling Total		2050		2416Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	240.0 ft(p)	16.4	3925 Btuh
	Floor Total		240		3925 Btuh
				Envelope Subtotal:	21941 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	15312	1708 204.2	8270 Btuh
Ductload				(DLM of 0.177)	5336 Btuh
All Zones				**Sensible Subtotal All Zones**	**35547 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

1/10/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	35547 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	35547 Btuh

EQUIPMENT

1. Electric Heat Pump	#	42000 Btuh

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

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System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

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

1/10/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	105.0	32.2	3380 Btuh
2	2, Clear, Metal, 0.87	W	4.0	32.2	129 Btuh
3	2, Clear, Metal, 0.87	N	40.0	32.2	1288 Btuh
4	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	W	16.0	32.2	515 Btuh
6	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	E	13.3	32.2	429 Btuh
9	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	S	30.0	32.2	966 Btuh
	Window Total		294(sqft)		9474 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1488	3.3	4886 Btuh
2	Frame - Wood - Adj(0.09)	13.0	220	3.3	722 Btuh
	Wall Total		1708		5608 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2050	1.2	2416 Btuh
	Ceiling Total		2050		2416Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	240.0 ft(p)	16.4	3925 Btuh
	Floor Total		240		3925 Btuh
			Zone Envelope Subtotal:		21941 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	15312	1708 204.2	8270 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.177)				5336 Btuh
Zone #1			**Sensible Zone Subtotal**		**35547 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

1/10/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	35547 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	35547 Btuh

EQUIPMENT

1. Electric Heat Pump	#	42000 Btuh

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

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/10/2008

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	105.0	0.0	105.0	29	80	8349 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	4.0	0.0	4.0	29	80	318 Btuh
3	2, Clear, 0.87, None,N,N	N	1.5ft	10ft.	40.0	0.0	40.0	29	29	1158 Btuh
4	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	6.0	0.0	6.0	29	80	477 Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	16.0	0.0	16.0	29	80	1272 Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	20.0	0.0	20.0	29	29	579 Btuh
7	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385 Btuh
8	2, Clear, 0.87, None,N,N	E	7.5ft	10ft.	13.3	5.8	7.5	29	80	768 Btuh
9	2, Clear, 0.87, None,N,N	E	1.5ft	10ft.	30.0	0.0	30.0	29	80	2385 Btuh
10	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	30.0	30.0	0.0	29	34	869 Btuh
	Excursion									1415 Btuh
	Window Total				294 (sqft)					19977 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1487.7	2.1	3103 Btuh
2	Frame - Wood - Adj	13.0/0.09	220.0	1.5	332 Btuh
	Wall Total		1708 (sqft)		3435 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	20.0	9.8	196 Btuh
	Door Total	40 (sqft)		392 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2050.0	1.7	3395 Btuh
	Ceiling Total		2050 (sqft)		3395 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	240 (ft(p))	0.0	0 Btuh
	Floor Total		240.0 (sqft)		0 Btuh

			Envelope Subtotal:		27199 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.70	15312	1708	204.2	3325 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 230	+	2400	3780 Btuh

	Sensible Envelope Load:		34303 Btuh
Duct load	(DGM of 0.187)		6405 Btuh
	Sensible Load All Zones		**40708 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

1/10/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**34303 Btuh**
	Sensible Duct Load	6405 Btuh
	Total Sensible Zone Loads	**40708 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**40708 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	6528 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1330 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**9059 Btuh**
	TOTAL GAIN	**49767 Btuh**

EQUIPMENT

1. Central Unit	#	42000 Btuh

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

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/10/2008

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	105.0	0.0	105.0	29	80	8349 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	4.0	0.0	4.0	29	80	318 Btuh
3	2, Clear, 0.87, None,N,N	N	1.5ft	10ft.	40.0	0.0	40.0	29	29	1158 Btuh
4	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	6.0	0.0	6.0	29	80	477 Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	16.0	0.0	16.0	29	80	1272 Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	20.0	0.0	20.0	29	29	579 Btuh
7	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385 Btuh
8	2, Clear, 0.87, None,N,N	E	7.5ft	10ft.	13.3	5.8	7.5	29	80	768 Btuh
9	2, Clear, 0.87, None,N,N	E	1.5ft	10ft.	30.0	0.0	30.0	29	80	2385 Btuh
10	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	30.0	30.0	0.0	29	34	869 Btuh
	Window Total				294 (sqft)					18562 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1487.7	2.1	3103 Btuh
2	Frame - Wood - Adj	13.0/0.09	220.0	1.5	332 Btuh
	Wall Total		1708 (sqft)		3435 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	20.0	9.8	196 Btuh
	Door Total	40 (sqft)		392 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2050.0	1.7	3395 Btuh
	Ceiling Total		2050 (sqft)		3395 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	240 (ft(p))	0.0	0 Btuh
	Floor Total		240.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		25784 Btuh
Infiltration	Type	ACH	Volume(cuft) wall area(sqft)	CFM=	Load
	SensibleNatural	0.70	15312 1708	178.6	3325 Btuh
Internal gain		Occupants	Btuh/occupant	Appliance	Load
		6	X 230 +	2400	3780 Btuh
			Sensible Envelope Load:		32889 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.187)	6141 Btuh
			Sensible Zone Load		**39029 Btuh**

The following window Excursion will be assigned to the system loads.

Windows	July excursion for System 1		1415 Btuh
		Excursion Subtotal:	1415 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

1/10/2008

Duct load		264 Btuh
	Sensible Excursion Load	**1679 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

1/10/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**34303 Btuh**
	Sensible Duct Load	6405 Btuh
	Total Sensible Zone Loads	**40708 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**40708 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	6528 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1330 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**9059 Btuh**
	TOTAL GAIN	**49767 Btuh**

EQUIPMENT

1. Central Unit	#	42000 Btuh

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

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Spec House

Lake City, FL 32025-

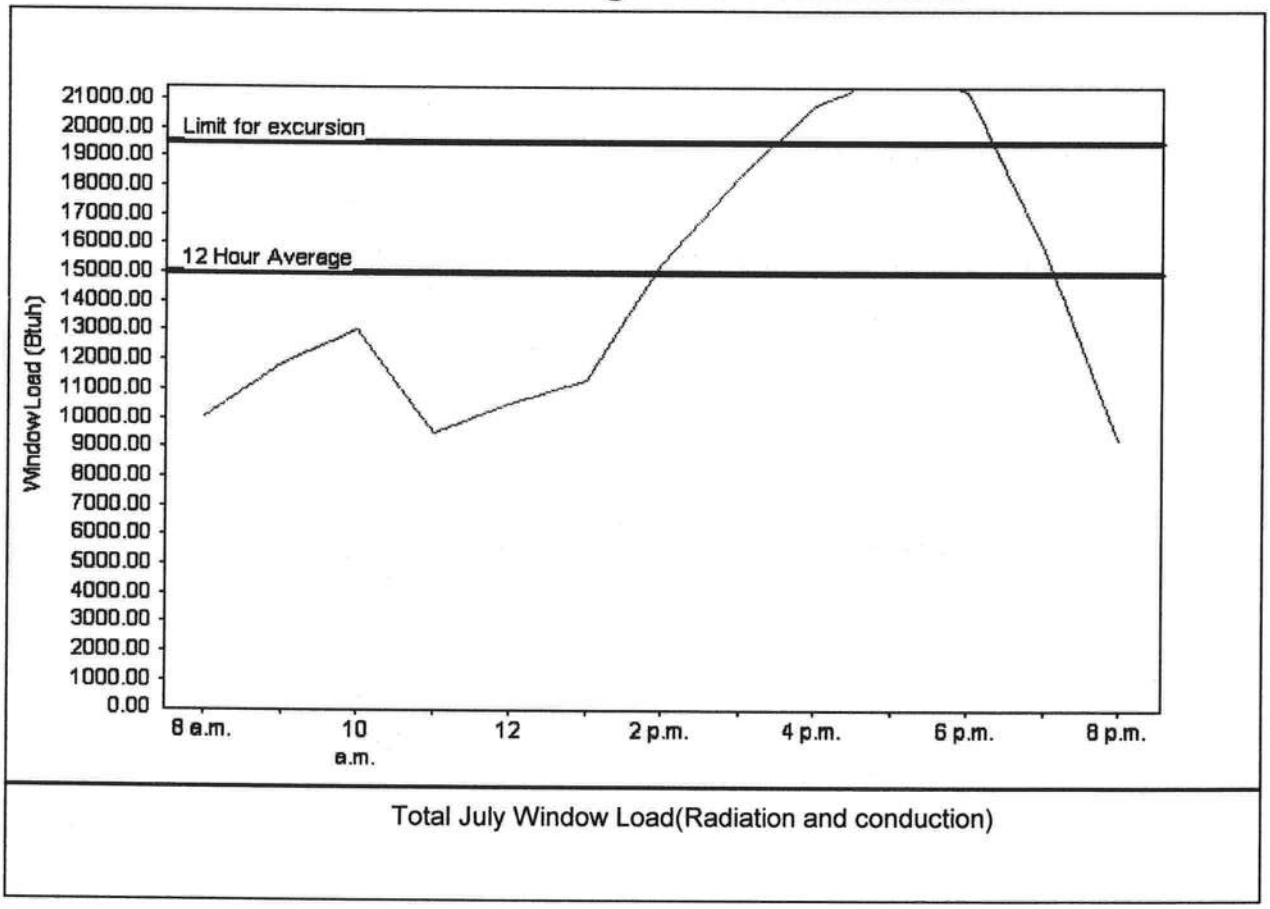
Project Title:
Compass Builders - Kezia

Code Only
Professional Version
Climate: North

1/10/2008

Weather data for: Gainesville - Defaults			
Summer design temperature	92 F	Average window load for July	14983 Btu
Summer setpoint	75 F	Peak window load for July	21892 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	19478 Btu
Latitude	29 North	Window excursion (July)	2414 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: _____
DATE: 1/10/08

15-4S-16-03023-548
LOT 48 ROLLING MEADOWS S/D. WD 1063-1963.WD 1067-2447. CWD 1104-327

COLUMBIA COUNTY 9-1-1 ADDRESSING / GIS DEPARTMENT

P. O. Box 1787, Lake City, FL 32056-1787
Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

ADDRESS ASSIGNMENT DATA

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

Residential or Other Structure on Parcel Number:
15-4S-16-03023-548

Address Assignment:
199 SW BUTTERCUP DR, LAKE CITY, FL, 32024

Note: LOT 48 ROLLING MEADOWS S/D

Any questions concerning this information should be referred to the Columbia County 9-1-1 Addressing / GIS Department at the address or telephone number above.

Corporate Warranty Deed

This Indenture, made this December 4, 2006 A.D.
Between
Burbach Investment Group, LLC, a Florida Limited Liability Company, whose post office address is: 507 W. Duval Street, Lake City, FL 32055; Grantor and **Southeast Developers Group, Inc., a Florida Corporation** whose post office address is: 197 SW Waterford Court, Lake City, Florida 32025

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

Lots 7, 48, 50, 52, and 54, ROLLING MEADOWS, according to the Plat thereof, recorded in Plat Book 8, Pages 45 and 46, of the Public Records of Columbia County, Florida.

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

Parcel Identification Number: R03023-507, R03023-548, R03023-550, R03023-552, and R03023-554

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor 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, 2006.

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

Burbach Investment Group, LLC
a Florida Limited Liability Company

Signed and Sealed in Our Presence:

By: _____
Thomas P Cady, Manager

_____
Witness Print Name: **Matthew D. Rocco**

_____
Witness Print Name: **MELINDA WEAVER**

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 4th day of December, 2006, by Thomas P Cady, Manager of Burbach Investment Group, LLC, a Florida Limited Liability Company, on behalf of the company.
He is personally known to me or has produced _____ as identification.

_____(Seal)
Notary Public
Notary Printed Name: _____

My Commission Expires::

Notary Public State of Florida
Matthew Rocco
My Commission DD578349
Expires 09/17/2010

#06-0389
Prepared by & Return to:
Matt Rocco
Sierra Title, LLC,
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

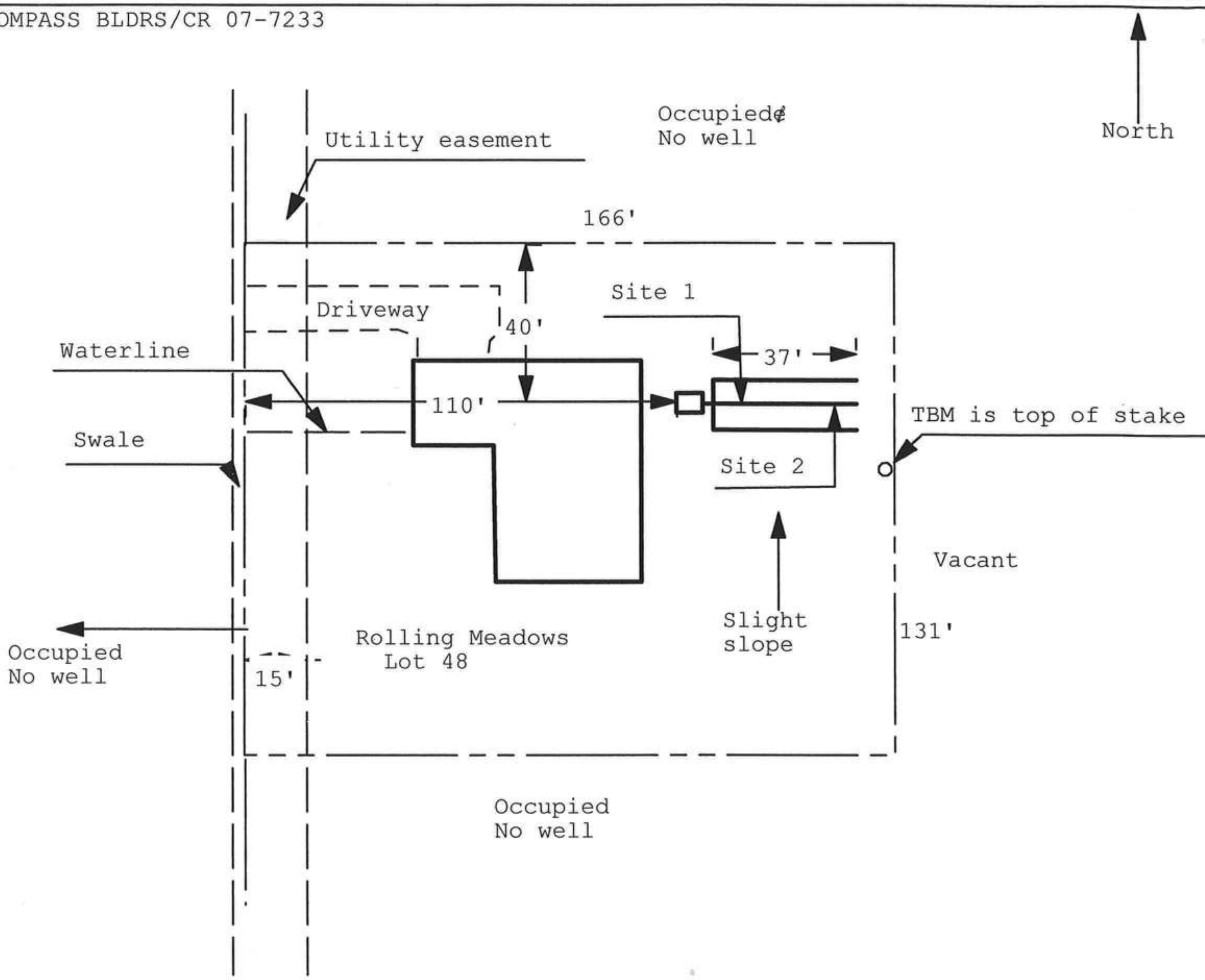
Inst:2006028778 Date:12/06/2006 Time:12:42
Doc Stamp-Deed : 1400.00
DC,P.DeWitt Cason,Columbia County B:1104 P:327

08-0057

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan
Permit Application Number: 0801-52

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

COMPASS BLDRS/CR 07-7233



1 inch = 40 feet

Site Plan Submitted By Paul Lloyd **Date** 1/10/08
Plan Approved ✓ **Not Approved**____ **Date** 1-15-08

By [signature] Columbia **CPHU**

Notes:

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Jeld-Wen	Exterior Swinging door	FL-498-R1
B. SLIDING			
C. SECTIONAL/ROLL UP	Raynor	Raynor	FL-4867
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	MI-Products	Single Hung Window	FL-5108
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	James Hardie	Hardi Plank Siding	FL-889-R1
B. SOFFITS	Kaycan	Aluminum Soffit	FL-4957
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Elk Roofing	Asphalt shingles	FL-586-R2
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpson Strong tie	Truss Straps	FL-474-R1
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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

Jeff Reid
APPLICANT SIGNATURE

1/10/06
DATE

R-1305 01-04

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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 106.1). 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** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
☐	☐	**Elevations including:** a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

☐ ☐ d) Location, size and height above roof of chimneys.
☐ ☐ e) Location and size of skylights
☐ ☐ f) Building height
☐ ☐ e) Number of stories

Floor Plan including:

☐ ☐ a) Rooms labeled and dimensioned.
☐ ☐ b) Shear walls identified.
☐ ☐ c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
☐ ☐ d) Show safety glazing of glass, where required by code.
☐ ☐ e) Identify egress windows in bedrooms, and size.
☐ ☐ f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
☐ ☐ g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
☐ ☐ h) 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 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐ ☐ b) Conventional Framing Layout including:
1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)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 shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

☐ ☐ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

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

Floor Framing System:

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

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☐ ☐ b) Ceiling fans

☐ ☐ c) Smoke detectors

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

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

☐ ☐ f) Appliances and HVAC equipment

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

☐ ☐ h) Exhaust fans in bathroom

HVAC information

☐ ☐ a) Energy Calculations (dimensions shall match plans)

☐ ☐ b) Manual J sizing equipment or equivalent computation

☐ ☐ c)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**

Project Information for: L265561

Builder: Compass Builders
Lot : 48-1
Subdivision: Rolling Meadows
County: Baker
Truss Count: 45
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

Truss Design Load Information:

Gravity:
Roof (psf): 42.0
Floor (psf): N/A

Wind:
Wind Standard: ASCE 7-02
Wind Speed (mph): 110
Wind Exposure: B

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

Contractor of Record, responsible for the Structural Engineering:
Jacob C. Kirsch Florida License No. CBC1253775
Address: 196 Southwest Huntsview Way Lake City, Florida 32024

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

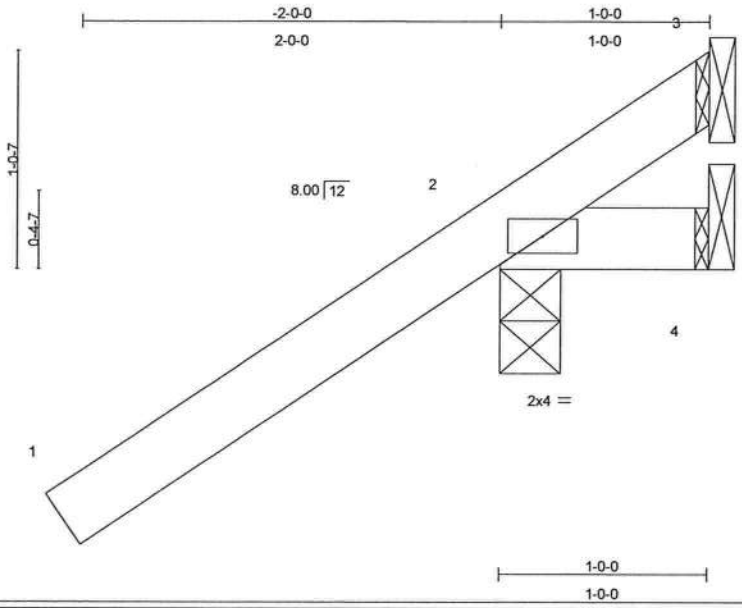
Notes:

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

No.	Drwg. #	Truss ID	Date	No.	Drwg. #	Truss ID	Date
1	J1925195	CJ01	1/10/08	32	J1925226	T22	1/10/08
2	J1925196	CJ02	1/10/08	33	J1925227	T23	1/10/08
3	J1925197	CJ03	1/10/08	34	J1925228	T24	1/10/08
4	J1925198	EJ01	1/10/08	35	J1925229	T25	1/10/08
5	J1925199	EJ02	1/10/08	36	J1925230	T26	1/10/08
6	J1925200	EJ03	1/10/08	37	J1925231	T27	1/10/08
7	J1925201	HJ01	1/10/08	38	J1925232	T28	1/10/08
8	J1925202	HJ02	1/10/08	39	J1925233	T29	1/10/08
9	J1925203	P01	1/10/08	40	J1925234	T30	1/10/08
10	J1925204	P02	1/10/08	41	J1925235	T31	1/10/08
11	J1925205	T01	1/10/08	42	J1925236	T32	1/10/08
12	J1925206	T02	1/10/08	43	J1925237	T33	1/10/08
13	J1925207	T03	1/10/08	44	J1925238	T34	1/10/08
14	J1925208	T04	1/10/08	45	J1925239	T35	1/10/08
15	J1925209	T05	1/10/08				
16	J1925210	T06	1/10/08				
17	J1925211	T07	1/10/08				
18	J1925212	T08	1/10/08				
19	J1925213	T09	1/10/08				
20	J1925214	T10	1/10/08				
21	J1925215	T11	1/10/08				
22	J1925216	T12	1/10/08				
23	J1925217	T13	1/10/08				
24	J1925218	T14	1/10/08				
25	J1925219	T15	1/10/08				
26	J1925220	T16	1/10/08				
27	J1925221	T17	1/10/08				
28	J1925222	T18	1/10/08				
29	J1925223	T19	1/10/08				
30	J1925224	T20	1/10/08				
31	J1925225	T21	1/10/08				

Job	Truss	Truss Type	Qty	Ply	0 0 J1925195
L265561	CJ01	JACK	6	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:38:45 2008 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	0.31	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 7 lb	

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

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

REACTIONS (lb/size) 2=270/0-3-8, 4=5/Mechanical, 3=-100/Mechanical
Max Horz 2=119(load case 6)
Max Uplift 2=-312(load case 6), 3=-100(load case 1)
Max Grav 2=270(load case 1), 4=14(load case 2), 3=161(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/61, 2-3=-90/111
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.32

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 312 lb uplift at joint 2 and 100 lb uplift at joint 3.

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925195
L265561	CJ01	JACK	6	1	Job Reference (optional)

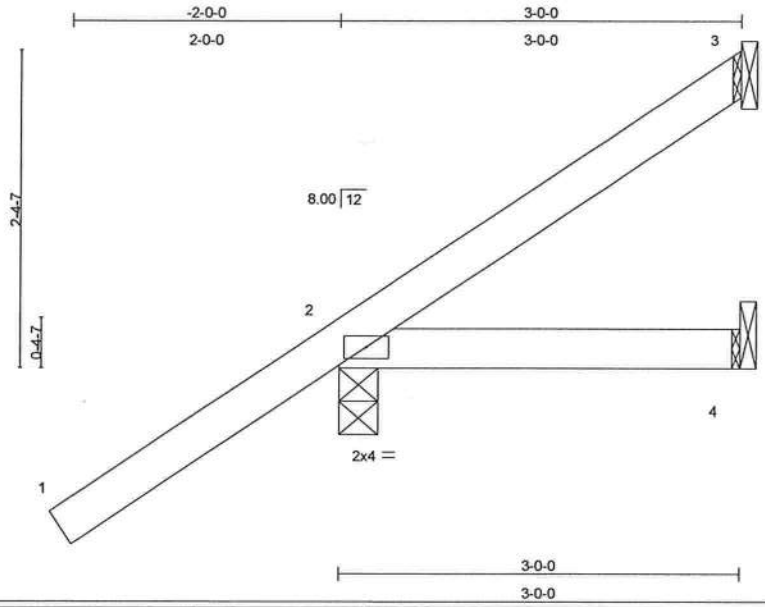
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE# No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0
L265561	CJ02	JACK	2	1	J1925196
					Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:38:46 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 14 lb	

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

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

REACTIONS (lb/size) 3=27/Mechanical, 2=258/0-3-8, 4=14/Mechanical
Max Horz 2=179(load case 6)
Max Uplift 3=-33(load case 7), 2=-207(load case 6)
Max Grav 3=34(load case 4), 2=258(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-72/19
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.27

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 3 and 207 lb uplift at joint 2.

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925196
L265561	CJ02	JACK	2	1	Job Reference (optional)

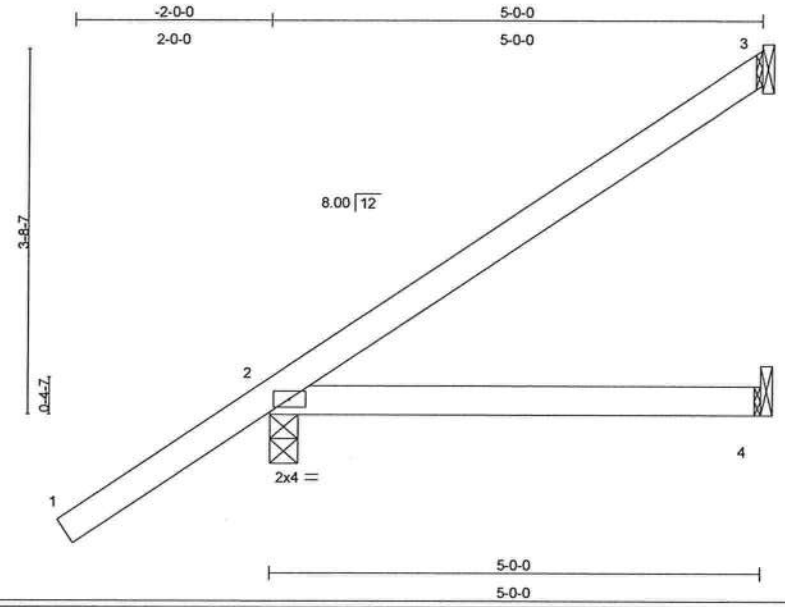
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925197
L265561	CJ03	JACK	2	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:38:46 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 20 lb	

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

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

REACTIONS (lb/size) 3=101/Mechanical, 2=302/0-3-8, 4=24/Mechanical
Max Horz 2=240(load case 6)
Max Uplift 3=-103(load case 6), 2=-188(load case 6)
Max Grav 3=101(load case 1), 2=302(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-90/43
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.30

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 103 lb uplift at joint 3 and 188 lb uplift at joint 2.

Continued on page 2

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925197
L265561	CJ03	JACK	2	1	Job Reference (optional)

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925198
L265561	EJ01	MONO TRUSS	13	1	Job Reference (optional)

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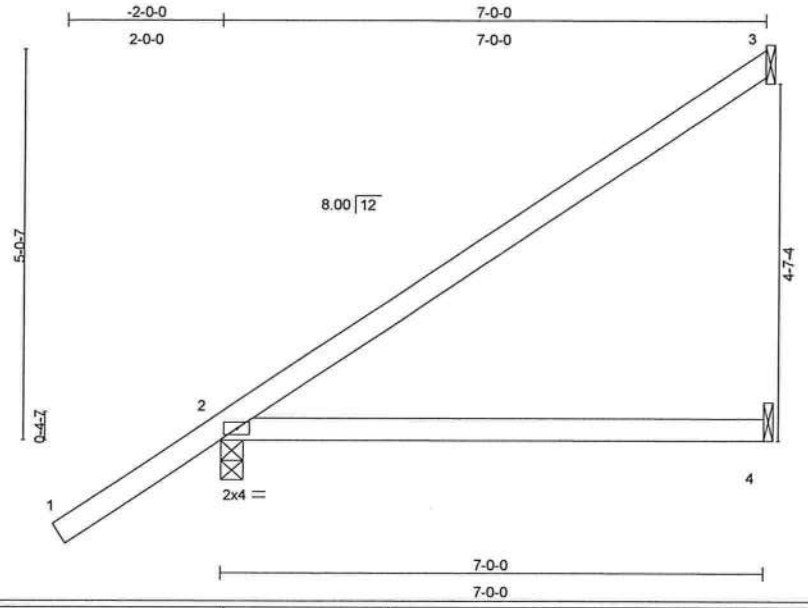

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.11	2-4	>730	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.20	2-4	>417	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 27 lb	

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

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

REACTIONS (lb/size) 3=164/Mechanical, 2=357/0-3-8, 4=34/Mechanical
Max Horz 2=218(load case 6)
Max Uplift 3=-110(load case 6), 2=-124(load case 6)
Max Grav 3=164(load case 1), 2=357(load case 1), 4=102(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-138/72
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.34

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 110 lb uplift at joint 3 and 124 lb uplift at joint 2.

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LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	0 0 J1925199
L265561	EJ02	MONO TRUSS	4	1	Job Reference (optional)

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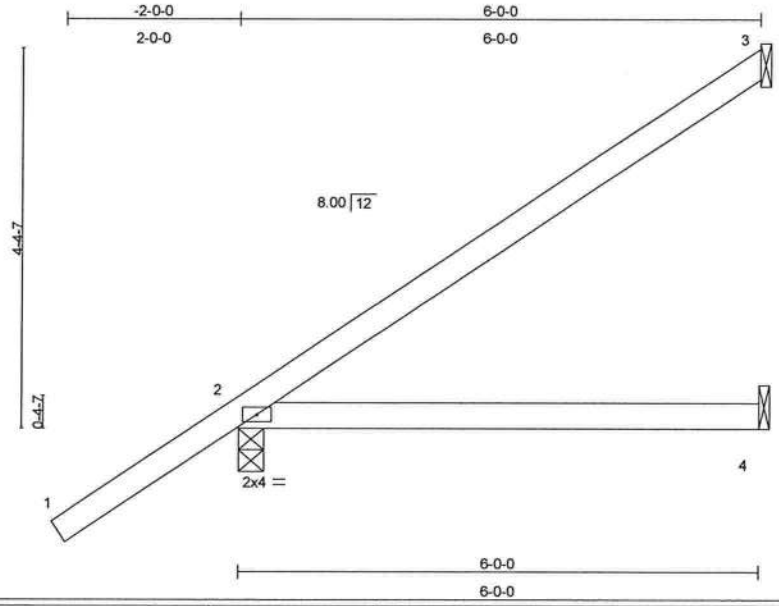

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.06	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.10	2-4	>673	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

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

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

REACTIONS (lb/size) 3=133/Mechanical, 2=329/0-3-8, 4=29/Mechanical
Max Horz 2=271(load case 6)
Max Uplift 3=-139(load case 6), 2=-187(load case 6)
Max Grav 3=133(load case 1), 2=329(load case 1), 4=87(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-114/58
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.32

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 139 lb uplift at joint 3 and 187 lb uplift at joint 2.

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925199
L265561	EJ02	MONO TRUSS	4	1	Job Reference (optional)

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925200
L265561	EJ03	MONO TRUSS	4	1	Job Reference (optional)

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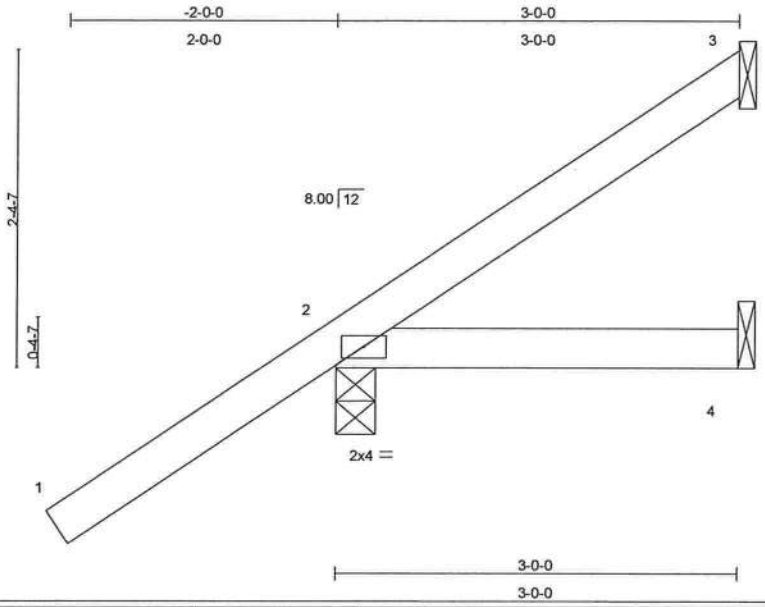

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 14 lb	

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

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

REACTIONS (lb/size) 3=27/Mechanical, 2=258/0-3-8, 4=14/Mechanical
Max Horz 2=179(load case 6)
Max Uplift 3=-33(load case 7), 2=-207(load case 6)
Max Grav 3=34(load case 4), 2=258(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-72/19
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.27

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 3 and 207 lb uplift at joint 2.

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925200
L265561	EJ03	MONO TRUSS	4	1	Job Reference (optional)

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925201
L265561	HJ01	MONO TRUSS	1	1	Job Reference (optional)

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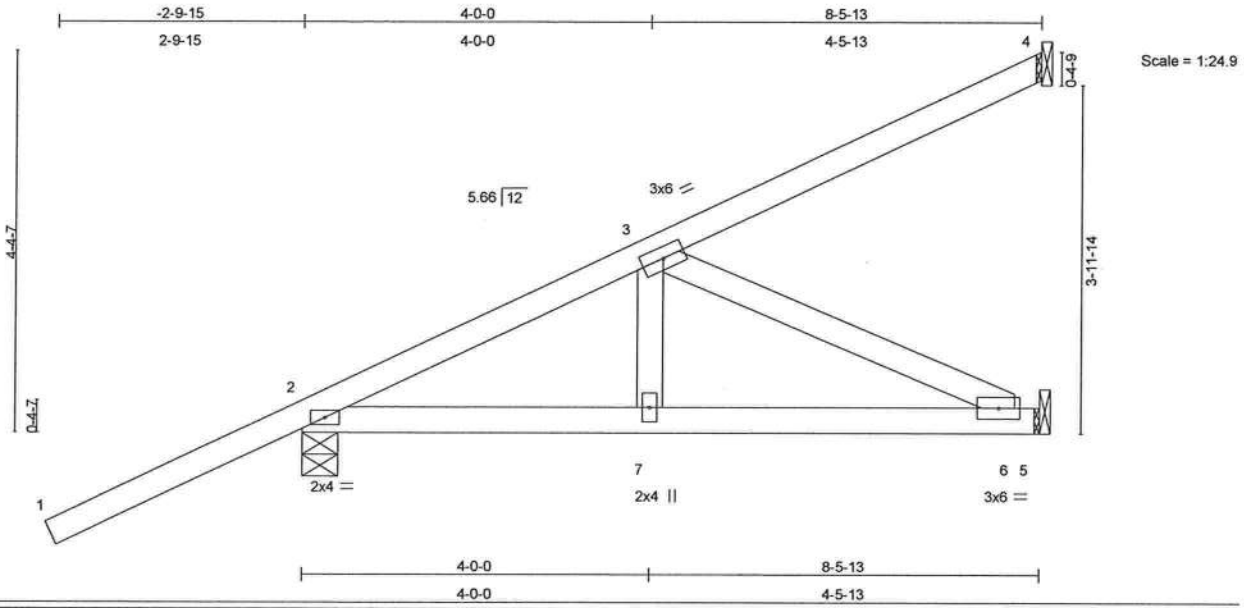

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.19	Vert(TL)	-0.04	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.12	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 40 lb	

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

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

REACTIONS (lb/size) 4=194/Mechanical, 2=392/0-4-15, 5=150/Mechanical
Max Horz 2=285(load case 5)
Max Uplift 4=-196(load case 5), 2=-231(load case 5), 5=-38(load case 5)
Max Grav 4=194(load case 1), 2=392(load case 1), 5=163(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-338/0, 3-4=-108/62
BOT CHORD 2-7=-132/265, 6-7=-132/265, 5-6=0/0
WEBS 3-6=-292/146, 3-7=0/162

JOINT STRESS INDEX
2 = 0.47, 3 = 0.12, 6 = 0.08 and 7 = 0.11

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 196 lb uplift at joint 4, 231 lb uplift at joint 2 and 38 lb uplift at joint 5.

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925201
L265561	HJ01	MONO TRUSS	1	1	Job Reference (optional)

NOTES

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54
   Trapezoidal Loads (plf)
   Vert: 2=-3(F=26, B=26)-to-4=-115(F=-30, B=-30), 2=0(F=5, B=5)-to-5=-21(F=-6, B=-6)

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925202
L265561	HJ02	JACK	2	1	Job Reference (optional)

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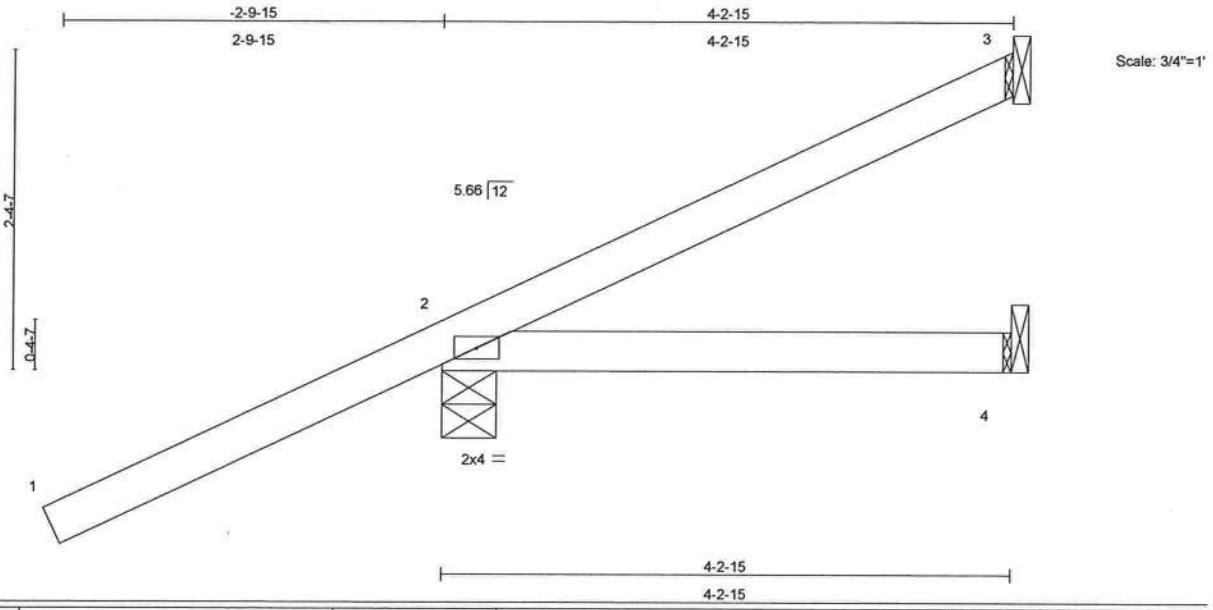

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	-0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.02	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=13/Mechanical, 2=281/0-4-15, 4=14/Mechanical
Max Horz 2=127(load case 5)
Max Uplift 3=-4(load case 6), 2=-252(load case 5)
Max Grav 3=45(load case 3), 2=281(load case 1), 4=54(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-49/19
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.28

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint 3 and 252 lb uplift at joint 2.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925202
L265561	HJ02	JACK	2	1	Job Reference (optional)

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54
   Trapezoidal Loads (plf)
   Vert: 2=-3(F=26, B=26)-to-3=-57(F=-2, B=-2), 2=0(F=5, B=5)-to-4=-11(F=-0, B=-0)

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925203
L265561	P01	HIP PIGGYBACK	1	1	Job Reference (optional)

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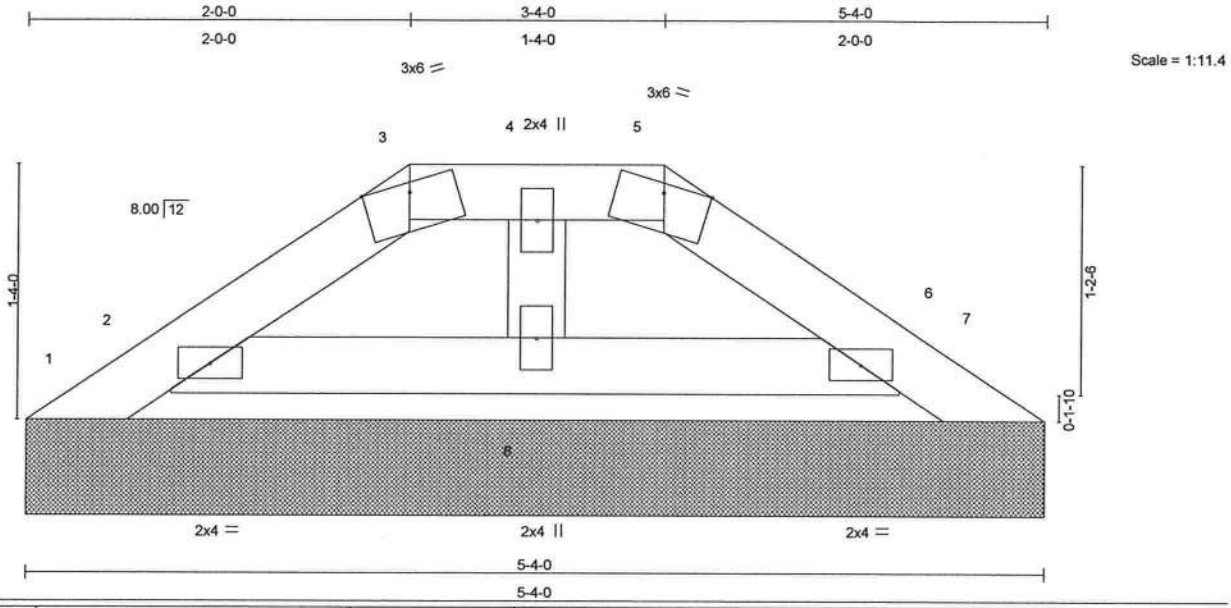

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 16 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=-3/5-4-0, 7=-3/5-4-0, 2=111/5-4-0, 6=111/5-4-0, 8=95/5-4-0
Max Horz 1=-33(load case 4)
Max Uplift 1=-44(load case 4), 7=-28(load case 11), 2=-79(load case 5), 6=-63(load case 4), 8=-16(load case 5)
Max Grav 1=51(load case 5), 7=31(load case 4), 2=138(load case 10), 6=138(load case 11), 8=95(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-53/54, 2-3=-69/52, 3-4=-36/59, 4-5=-36/59, 5-6=-69/52, 6-7=-15/30
BOT CHORD 2-8=-14/36, 6-8=-14/36
WEBS 4-8=-71/69

JOINT STRESS INDEX
2 = 0.14, 3 = 0.02, 4 = 0.04, 5 = 0.02, 6 = 0.14 and 8 = 0.04

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925203
L265561	P01	HIP PIGGYBACK	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable requires continuous bottom chord bearing.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 1, 28 lb uplift at joint 7, 79 lb uplift at joint 2, 63 lb uplift at joint 6 and 16 lb uplift at joint 8.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925204
L265561	P02	PIGGYBACK	9	1	Job Reference (optional)

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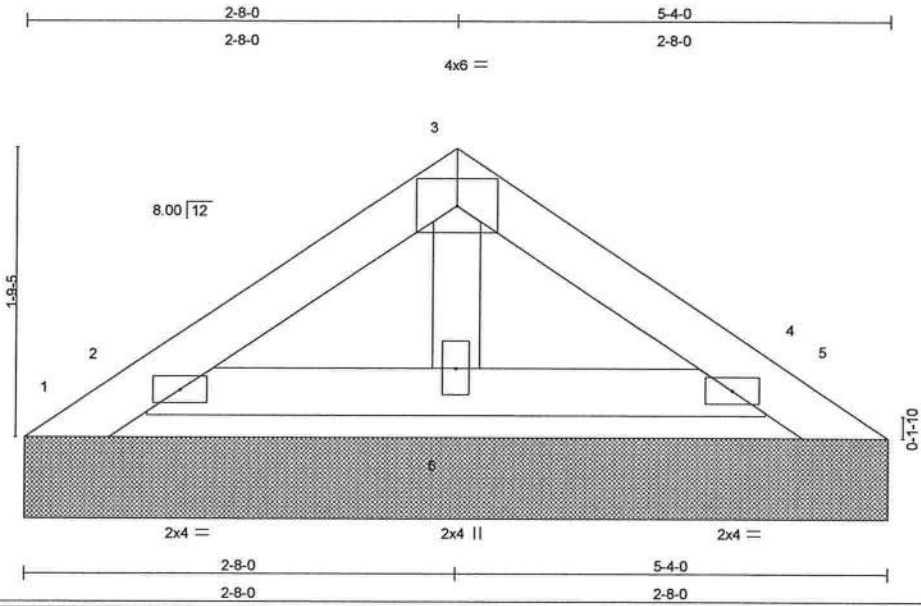

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.01	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 17 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=-25/5-4-0, 5=-25/5-4-0, 2=133/5-4-0, 4=133/5-4-0, 6=92/5-4-0
Max Horz 1=-45(load case 4)
Max Uplift 1=-29(load case 4), 5=-25(load case 1), 2=-69(load case 6), 4=-62(load case 7)
Max Grav 1=43(load case 5), 5=22(load case 7), 2=133(load case 1), 4=133(load case 1), 6=92(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-59/57, 2-3=-48/34, 3-4=-48/34, 4-5=-18/28
BOT CHORD 2-6=-8/29, 4-6=-8/29
WEBS 3-6=-68/29

JOINT STRESS INDEX
2 = 0.13, 3 = 0.02, 4 = 0.13 and 6 = 0.02

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925204
L265561	P02	PIGGYBACK	9	1	Job Reference (optional)

NOTES

4) Gable requires continuous bottom chord bearing.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 1, 25 lb uplift at joint 5, 69 lb uplift at joint 2 and 62 lb uplift at joint 4.
7) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925205
L265561	T01	GABLE	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:38:52 2008 Page 1

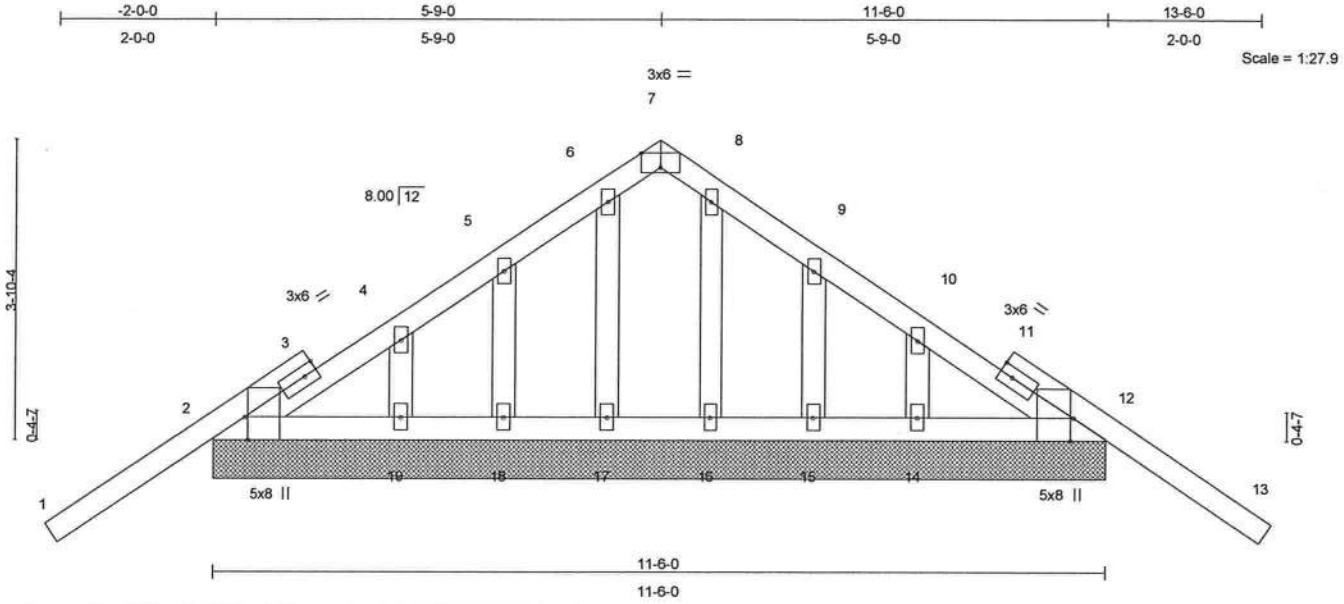

Plate Offsets (X,Y): [2:0-3-8,Edge], [7:0-3-0,Edge], [12:0-3-8,Edge]

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)	-0.03	13	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.04	13	n/r	90		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 66 lb	

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

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

REACTIONS (lb/size) 2=244/11-6-0, 12=244/11-6-0, 17=74/11-6-0, 18=94/11-6-0, 19=68/11-6-0, 16=74/11-6-0, 15=94/11-6-0, 14=68/11-6-0
Max Horz 2=-130(load case 4)
Max Uplift 2=-213(load case 6), 12=-228(load case 7), 17=-16(load case 5), 18=-113(load case 6), 19=-29(load case 7), 15=-114(load case 7), 14=-24(load case 6)
Max Grav 2=244(load case 1), 12=244(load case 1), 17=74(load case 1), 18=96(load case 10), 19=83(load case 2), 16=74(load case 1), 15=96(load case 11), 14=83(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/61, 2-3=-79/78, 3-4=-72/90, 4-5=-49/75, 5-6=-36/118, 6-7=-30/108, 7-8=-30/108, 8-9=-36/118, 9-10=-33/52, 10-11=-31/49, 11-12=-57/37, 12-13=0/61
BOT CHORD 2-19=-9/135, 18-19=-9/135, 17-18=-9/135, 16-17=-9/135, 15-16=-9/135, 14-15=-9/135, 12-14=-9/135
WEBS 6-17=-62/25, 5-18=-78/110, 4-19=-62/48, 8-16=-62/0, 9-15=-78/110, 10-14=-62/43

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JOINT STRESS INDEX
2 = 0.45, 3 = 0.00, 3 = 0.16, 4 = 0.03, 5 = 0.06, 6 = 0.03, 7 = 0.13, 8 = 0.03, 9 = 0.06, 10 = 0.03, 11 = 0.00, 11 = 0.16, 12 = 0.45, 14 = 0.03, 15 = 0.06, 16 = 0.02, 17 = 0.02, 18 = 0.06 and 19 = 0.03

January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	0 0 J1925205
L265561	T01	GABLE	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 213 lb uplift at joint 2, 228 lb uplift at joint 12, 16 lb uplift at joint 17, 113 lb uplift at joint 18, 29 lb uplift at joint 19, 114 lb uplift at joint 15 and 24 lb uplift at joint 14.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925206
L265561	T02	GABLE	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 17:57:58 2008 Page 1

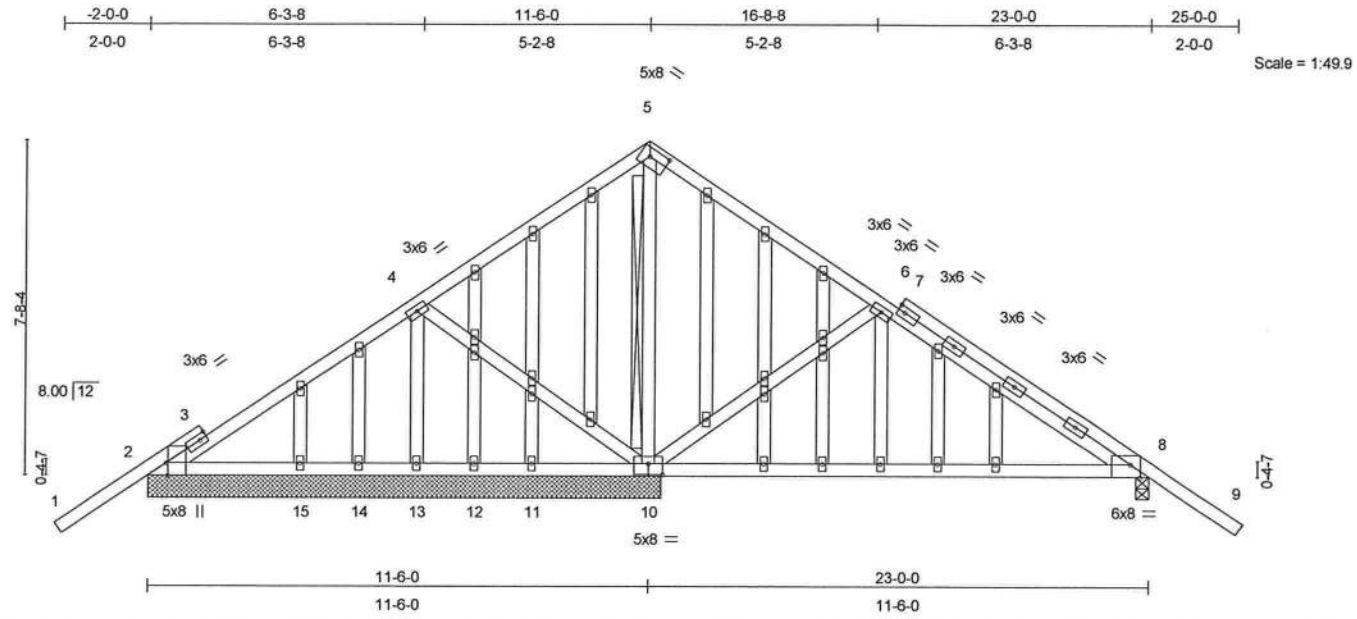

Plate Offsets (X,Y): [2:0-3-8,Edge], [5:0-5-4,0-2-4], [8:0-2-9,Edge], [10:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	-0.24	8-10	>579	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.60	Vert(TL)	-0.41	8-10	>331	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.44	Horz(TL)	0.01	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 191 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=656/11-9-8, 10=1822/11-9-8, 8=400/0-3-8, 11=-48/11-9-8, 12=38/11-9-8, 13=34/11-9-8, 14=-92/11-9-8, 15=195/11-9-8
Max Horz 2=263(load case 5)
Max Uplift 2=-405(load case 6), 10=-843(load case 6), 8=-276(load case 7), 11=-150(load case 2), 13=-12(load case 7), 14=-92(load case 1), 15=-81(load case 7)
Max Grav 2=675(load case 10), 10=1822(load case 1), 8=457(load case 11), 12=133(load case 2), 13=34(load case 2), 14=64(load case 7), 15=195(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-24/128, 2-3=-403/155, 3-4=-256/145, 4-5=-152/510, 5-6=-150/550, 6-7=-172/154, 7-8=-349/158, 8-9=0/62
BOT CHORD	2-15=-166/213, 14-15=-166/213, 13-14=-166/213, 12-13=-166/213, 11-12=-166/213, 10-11=-166/213, 8-10=-36/257
WEBS	4-10=-581/434, 5-10=-1061/484, 6-10=-563/405

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January 10,2008

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JOINT STRESS INDEX

2 = 0.81, 3 = 0.00, 3 = 0.52, 4 = 0.39, 5 = 0.99, 6 = 0.39, 7 = 0.00, 7 = 0.33, 7 = 0.33, 7 = 0.33, 7 = 0.33, 8 = 0.57, 10 = 0.84, 11 = 0.34, 12 = 0.34, 13 = 0.34, 14 = 0.34, 15 = 0.34, 16 = 0.34, 17 = 0.34, 18 = 0.34, 18 = 0.34, 19 = 0.34, 20 = 0.34, 20 = 0.34, 21 = 0.34, 22 = 0.34, 23 = 0.34, 24 = 0.34, 25 = 0.34, 26 = 0.34, 27 = 0.34, 28 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.34, 31 = 0.34, 32 = 0.34, 33 = 0.34, 34 = 0.00, 34 = 0.34, 35 = 0.34, 36 = 0.00 and 36 = 0.34

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 1-4-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 405 lb uplift at joint 2, 843 lb uplift at joint 10, 276 lb uplift at joint 8, 150 lb uplift at joint 11, 12 lb uplift at joint 13, 92 lb uplift at joint 14 and 81 lb uplift at joint 15.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-114(F=-60), 5-7=-141(F=-87), 7-9=-54, 2-8=-10

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925207
L265561	T03	COMMON	6	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:38:54 2008 Page 1

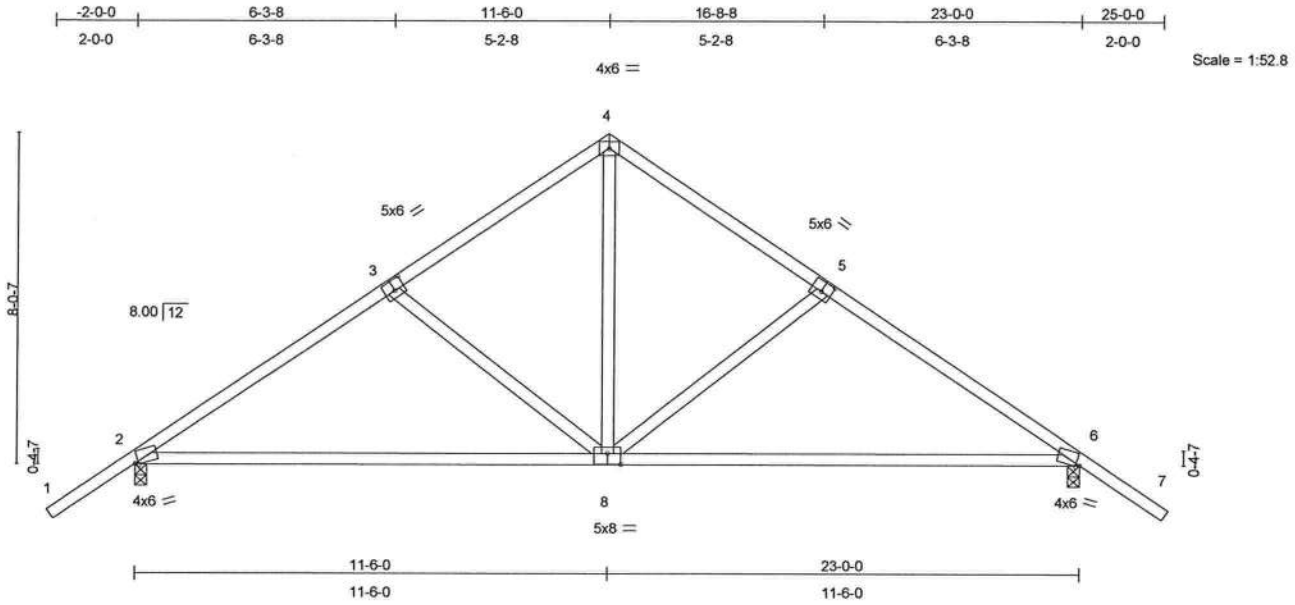

Plate Offsets (X,Y): [2:0-1-1,Edge], [3:0-3-0,0-3-0], [5:0-3-0,0-3-0], [6:0-1-1,Edge], [8:0-4-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.26	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.48	2-8	>570	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.25	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 113 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-11-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=847/0-3-8, 6=847/0-3-8
Max Horz 2=-212(load case 4)
Max Uplift 2=-251(load case 6), 6=-251(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-1011/440, 3-4=-744/390, 4-5=-744/390, 5-6=-1011/440, 6-7=0/62
BOT CHORD 2-8=-162/761, 6-8=-162/761
WEBS 3-8=-286/252, 4-8=-237/511, 5-8=-286/252

JOINT STRESS INDEX
2 = 0.83, 3 = 0.41, 4 = 0.43, 5 = 0.41, 6 = 0.83 and 8 = 0.82

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925207
L265561	T03	COMMON	6	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 251 lb uplift at joint 2 and 251 lb uplift at joint 6.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925208
L265561	T04	COMMON	3	1	Job Reference (optional)

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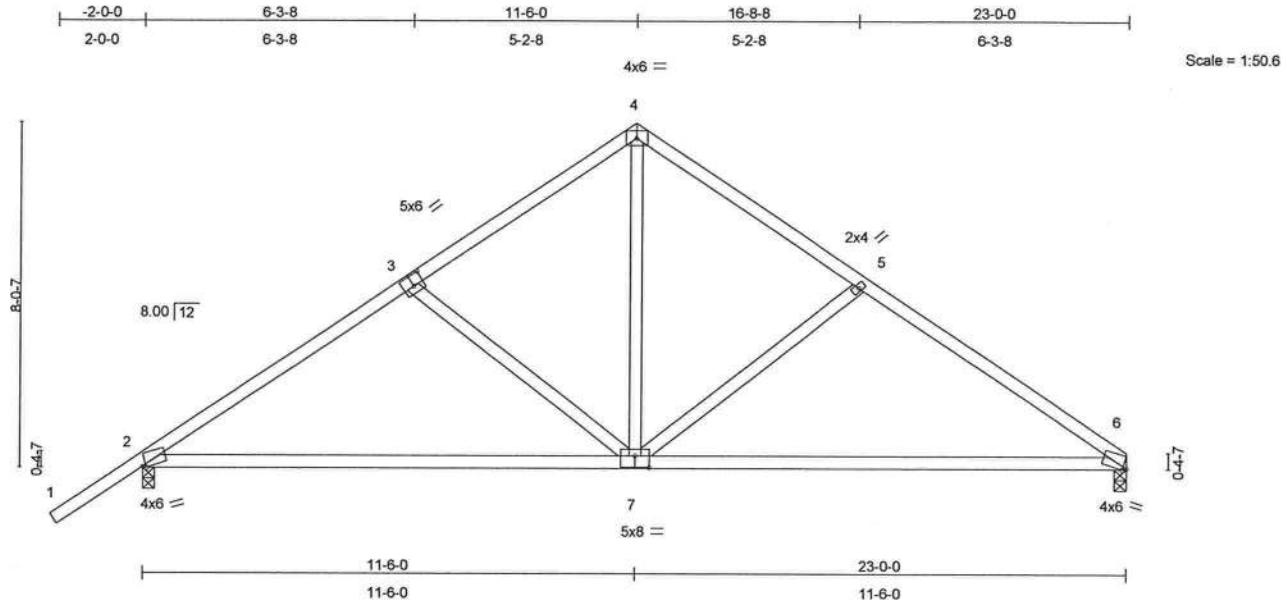

Plate Offsets (X,Y): [2:0-1-1,Edge], [3:0-3-0,0-3-0], [6:0-1-1,Edge], [7:0-4-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.26	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.50	6-7	>544	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.27	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 110 lb	

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

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

REACTIONS (lb/size) 6=721/0-3-8, 2=853/0-3-8
Max Horz 2=239(load case 5)
Max Uplift 6=-151(load case 7), 2=-252(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-1023/458, 3-4=-756/409, 4-5=-760/411, 5-6=-1015/472
BOT CHORD 2-7=-265/770, 6-7=-291/788
WEBS 3-7=-286/251, 4-7=-263/515, 5-7=-306/281

JOINT STRESS INDEX
2 = 0.83, 3 = 0.41, 4 = 0.42, 5 = 0.33, 6 = 0.83 and 7 = 0.83

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	0 0 J1925208
L265561	T04	COMMON	3	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 151 lb uplift at joint 6 and 252 lb uplift at joint 2.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925209
L265561	T05	GABLE	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:38:56 2008 Page 1

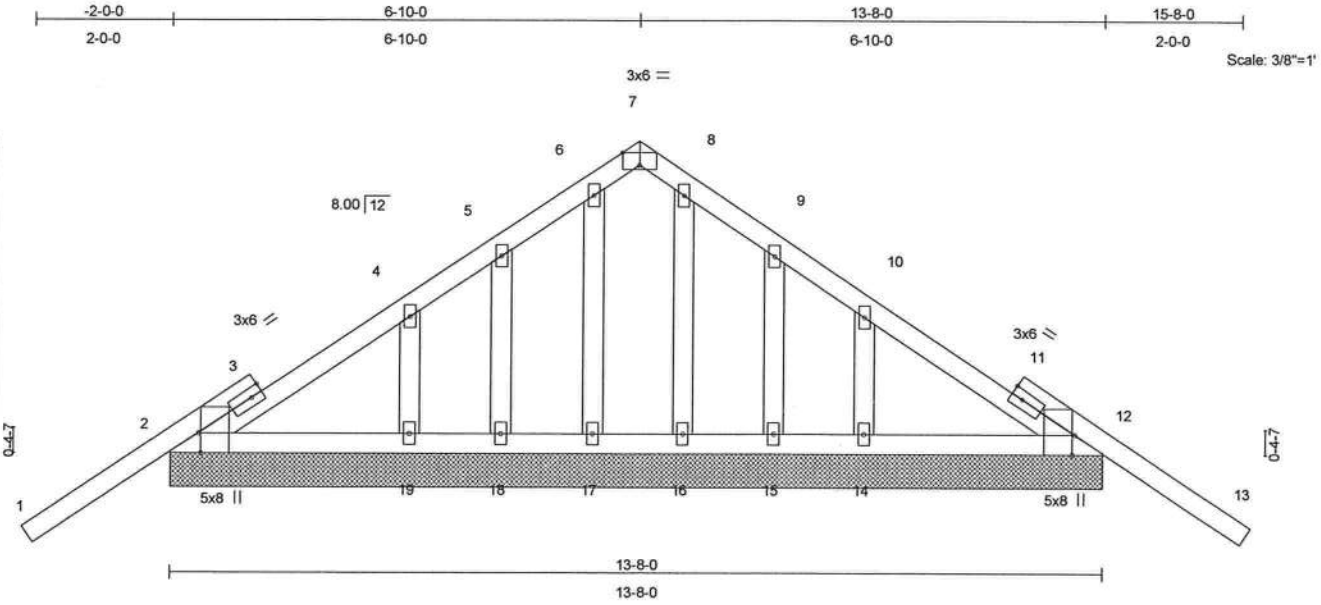

Plate Offsets (X,Y): [2:0-3-8,Edge], [7:0-3-0,Edge], [12:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.02	13	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.03	13	n/r	90		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 79 lb	

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

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

REACTIONS (lb/size) 2=244/13-8-0, 12=244/13-8-0, 17=94/13-8-0, 18=59/13-8-0, 19=152/13-8-0, 16=94/13-8-0, 15=59/13-8-0, 14=152/13-8-0
Max Horz 2=155(load case 5)
Max Uplift 2=-194(load case 6), 12=-211(load case 7), 17=-14(load case 5), 18=-97(load case 6), 19=-71(load case 7), 15=-98(load case 7), 14=-66(load case 6)
Max Grav 2=245(load case 10), 12=245(load case 11), 17=94(load case 1), 18=60(load case 10), 19=152(load case 10), 16=94(load case 1), 15=60(load case 11), 14=152(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/61, 2-3=-94/92, 3-4=-81/106, 4-5=-35/92, 5-6=-13/138, 6-7=-15/122, 7-8=-15/122, 8-9=-13/138, 9-10=-23/82, 10-11=-34/59, 11-12=-46/45, 12-13=0/61
BOT CHORD 2-19=-18/157, 18-19=-18/157, 17-18=-18/157, 16-17=-18/157, 15-16=-18/157, 14-15=-18/157, 12-14=-18/157
WEBS 6-17=-79/23, 5-18=-54/90, 4-19=-124/88, 8-16=-79/0, 9-15=-54/90, 10-14=-124/91

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JOINT STRESS INDEX
2 = 0.44, 3 = 0.00, 3 = 0.16, 4 = 0.06, 5 = 0.05, 6 = 0.04, 7 = 0.15, 8 = 0.04, 9 = 0.05, 10 = 0.06, 11 = 0.00, 11 = 0.16, 12 = 0.44, 14 = 0.05, 15 = 0.05, 16 = 0.03, 17 = 0.03, 18 = 0.05 and 19 = 0.05

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925209
L265561	T05	GABLE	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 194 lb uplift at joint 2, 211 lb uplift at joint 12, 14 lb uplift at joint 17, 97 lb uplift at joint 18, 71 lb uplift at joint 19, 98 lb uplift at joint 15 and 66 lb uplift at joint 14.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925210
L265561	T06	GABLE	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 17:58:55 2008 Page 1

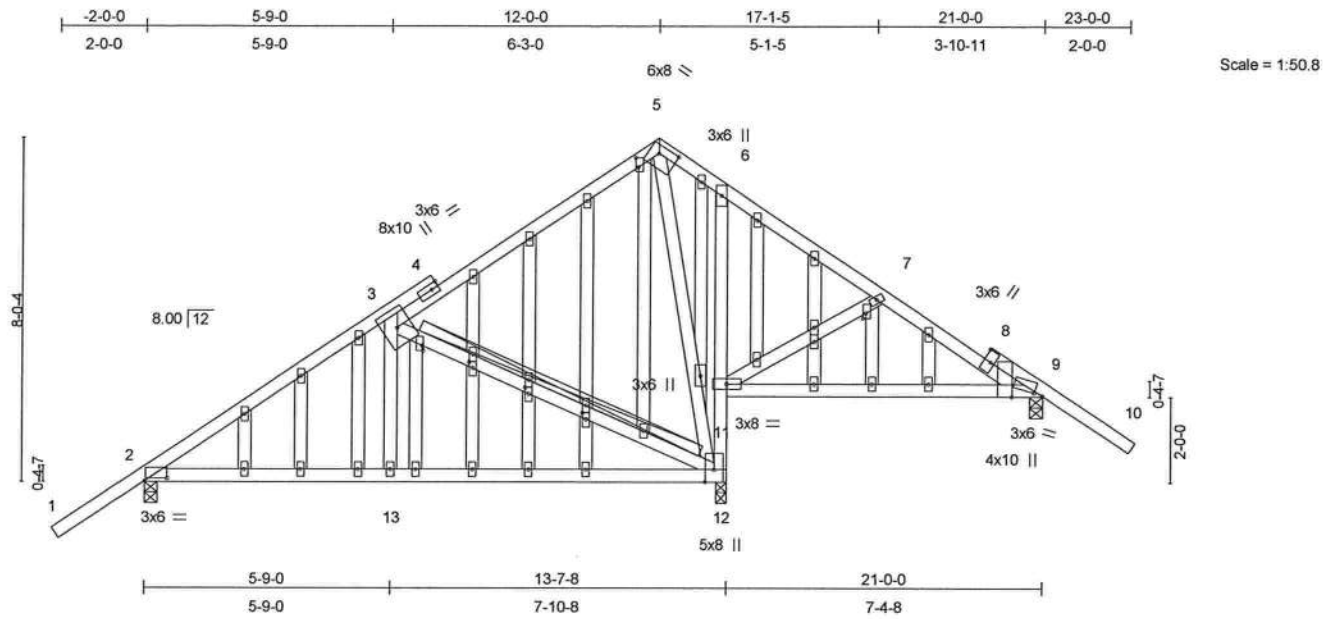

Plate Offsets (X,Y): [2:0-6-3,0-0-10], [5:0-5-4,0-2-4], [7:0-1-8,0-0-12], [8:Edge,0-2-0], [9:0-2-6,0-0-3], [9:0-0-4,Edge], [25:0-2-11,0-0-12], [26:0-1-12,0-1-0], [29:0-1-12,0-1-0], [32:0-1-12,0-1-0], [36:0-1-8,0-0-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.84	Vert(LL)	0.10	9-11	>857	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.14	12-13	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.71	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 194 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 6-12 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-7-8 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 3-12 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance. Brace must cover 90% of web length.

REACTIONS (lb/size) 2=687/0-3-8, 9=731/0-3-8, 12=1295/0-3-0
Max Horz 2=266(load case 5)
Max Uplift 2=-452(load case 6), 9=-757(load case 7), 12=-894(load case 6)
Max Grav 2=687(load case 1), 9=734(load case 11), 12=1295(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/62, 2-3=-836/628, 3-4=-301/371, 4-5=-148/314, 5-6=-181/226, 6-7=-132/278, 7-8=-322/490, 8-9=-502/597, 9-10=-80/131
BOT CHORD	2-13=-452/650, 12-13=-453/649, 11-12=-382/467, 6-11=-152/115, 9-11=-329/338
WEBS	3-13=0/217, 3-12=-585/506, 7-11=-383/483, 5-12=-701/590

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JOINT STRESS INDEX

2 = 0.63, 3 = 0.62, 4 = 0.00, 4 = 0.52, 5 = 1.00, 6 = 0.25, 7 = 0.34, 7 = 0.66, 8 = 0.00, 8 = 0.68, 9 = 0.88, 9 = 0.57, 11 = 0.88, 12 = 0.30, 13 = 0.34, 14 = 0.34, 15 = 0.34, 16 = 0.34, 17 = 0.34, 18 = 0.34, 19 = 0.34, 19 = 0.34, 20 = 0.34, 21 = 0.34, 22 = 0.16, 23 = 0.34, 24 = 0.34, 25 = 0.71, 26 = 0.40, 26 = 0.34, 27 = 0.34, 28 = 0.34, 29 = 0.40, 29 = 0.34, 30 = 0.34, 31 = 0.34, 32 = 0.40, 32 = 0.34, 33 = 0.34, 34 = 0.34, 35 = 0.34, 36 = 0.46, 37 = 0.34, 38 = 0.34, 39 = 0.34, 40 = 0.34, 41 = 0.34 and 42 = 0.34

January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	0 0 J1925210
L265561	T06	GABLE	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 1-4-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 452 lb uplift at joint 2, 757 lb uplift at joint 9 and 894 lb uplift at joint 12.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-5=-141(F=-87), 5-6=-141(F=-87), 6-10=-114(F=-60), 2-12=-10, 9-11=-10

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925211
L265561	T07	SPECIAL	2	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:38:58 2008 Page 1

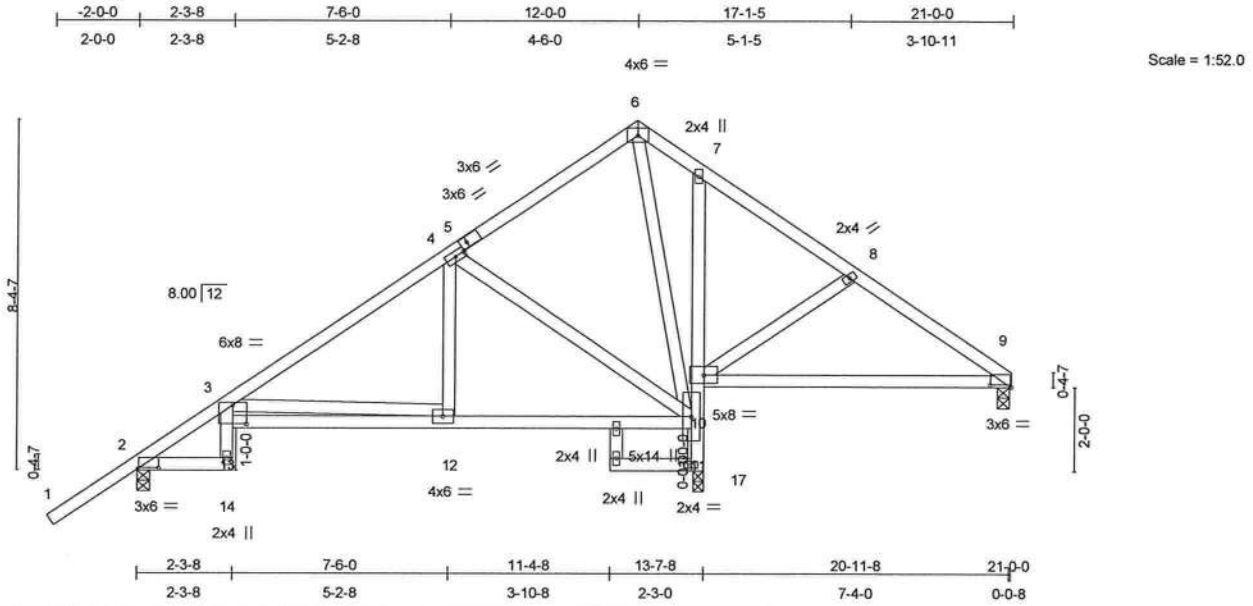

Plate Offsets (X,Y): [2:0-6-3,0-0-6], [3:0-4-0,0-5-4], [5:0-1-14,0-1-8], [9:0-6-3,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	0.14	9-10	>625	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	0.12	9-10	>723	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.09	17	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 129 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
3-14 2 X 4 SYP No.3, 15-16 2 X 4 SYP No.3
7-17 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 9=79/0-3-8, 2=470/0-3-8, 17=896/0-3-0
Max Horz 2=246(load case 5)
Max Uplift 9=-180(load case 4), 2=-152(load case 6), 17=-343(load case 6)
Max Grav 9=160(load case 11), 2=473(load case 10), 17=896(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-434/56, 3-4=-350/69, 4-5=-153/115, 5-6=-151/197, 6-7=-173/238, 7-8=-153/290, 8-9=-175/191
BOT CHORD 2-14=-106/276, 13-14=-4/66, 3-13=0/118, 12-13=-310/880, 11-12=-46/232, 11-17=-896/698, 10-11=-323/424, 7-10=-158/81, 9-10=-139/124
WEBS 4-12=-6/252, 3-12=-650/292, 8-10=-204/256, 4-11=-417/266, 6-11=-334/222

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JOINT STRESS INDEX
2 = 0.64, 3 = 0.62, 4 = 0.41, 5 = 0.63, 6 = 0.27, 7 = 0.37, 8 = 0.33, 9 = 0.61, 10 = 0.62, 11 = 0.24, 12 = 0.24, 13 = 0.00, 14 = 0.72, 15 = 0.33, 16 = 0.33 and 17 = 0.33

NOTES
1) Unbalanced roof live loads have been considered for this design.

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925211
L265561	T07	SPECIAL	2	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 17 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 180 lb uplift at joint 9, 152 lb uplift at joint 2 and 343 lb uplift at joint 17.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925212
L265561	T08	SPECIAL	3	1	Job Reference (optional)

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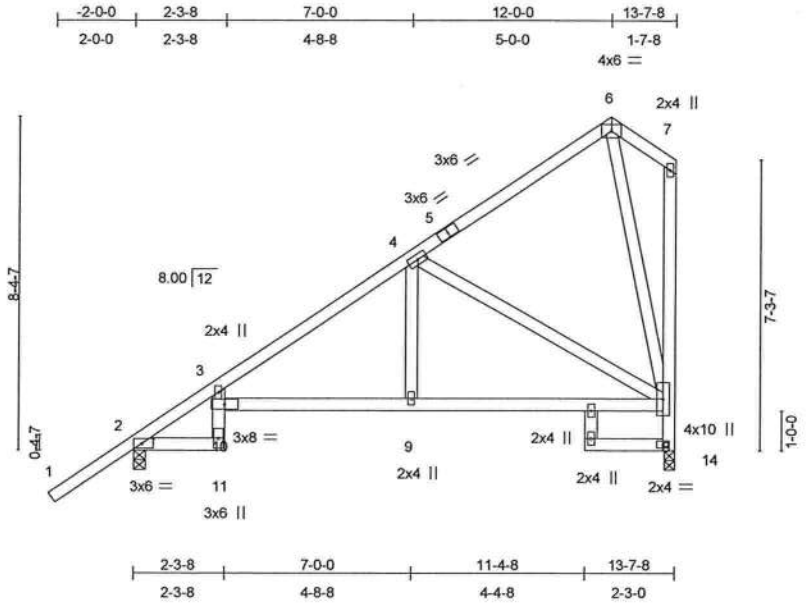

Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	0.18	9-10	>897	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.23	9-10	>691	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.46	Horz(TL)	0.12	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 90 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
3-11 2 X 4 SYP No.1D, 12-13 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except*
7-14 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-10-15 oc bracing.

REACTIONS (lb/size) 2=557/0-3-8, 14=417/0-3-0
Max Horz 2=306(load case 6)
Max Uplift 2=-155(load case 6), 14=-157(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-569/22, 3-4=-555/160, 4-5=-131/12, 5-6=-104/33, 6-7=-27/44, 8-14=-417/273, 7-8=-41/30
BOT CHORD 2-11=-243/374, 10-11=-12/72, 3-10=-18/89, 9-10=-325/444, 8-9=-325/444
WEBS 4-9=-23/254, 4-8=-471/346, 6-8=-169/152

JOINT STRESS INDEX

2 = 0.55, 3 = 0.66, 4 = 0.19, 5 = 0.23, 6 = 0.27, 7 = 0.17, 8 = 0.34, 9 = 0.18, 10 = 0.75, 11 = 0.28, 12 = 0.00, 13 = 0.00 and 14 = 0.00

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925212
L265561	T08	SPECIAL	3	1	Job Reference (optional)

NOTES

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 14 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 155 lb uplift at joint 2 and 157 lb uplift at joint 14.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925213
L265561	T09	SPECIAL	3	1	Job Reference (optional)

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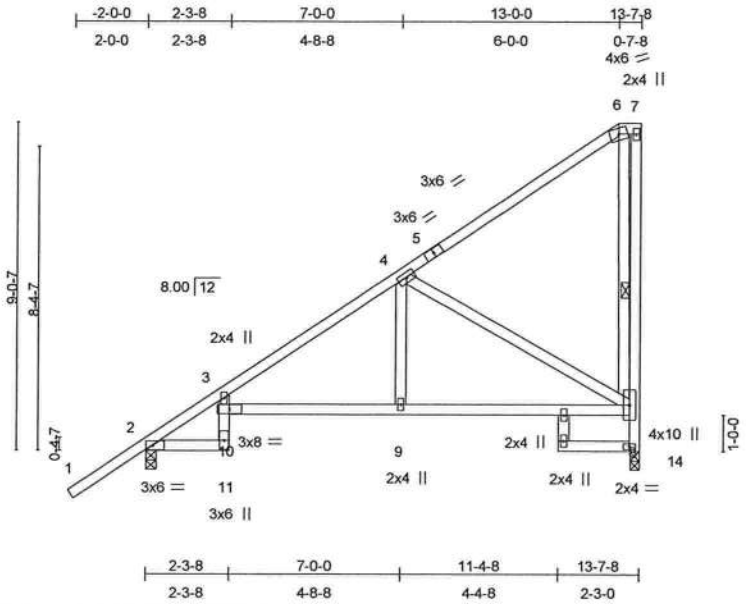

Scale = 1:59.9

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	0.39	Vert(LL)	0.18	9-10	>898	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.23	9-10	>706	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.12	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 93 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
3-11 2 X 4 SYP No.1D, 12-13 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except*
7-14 2 X 4 SYP No.2

BRACING

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

REACTIONS (lb/size) 2=557/0-3-8, 14=417/0-3-0
Max Horz 2=348(load case 6)
Max Uplift 2=-131(load case 6), 14=-193(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-568/0, 3-4=-558/89, 4-5=-128/0, 5-6=-73/52, 8-14=-417/322, 7-8=-199/159, 6-7=-10/6
BOT CHORD 2-11=-257/373, 10-11=-9/72, 3-10=-15/84, 9-10=-346/450, 8-9=-346/450
WEBS 4-9=-20/255, 4-8=-491/373, 6-8=-314/362

JOINT STRESS INDEX

2 = 0.53, 3 = 0.66, 4 = 0.19, 5 = 0.26, 6 = 0.52, 7 = 0.32, 8 = 0.32, 9 = 0.18, 10 = 0.73, 11 = 0.28, 12 = 0.00, 13 = 0.00 and 14 = 0.00

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925213
L265561	T09	SPECIAL	3	1	Job Reference (optional)

NOTES

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 14 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 131 lb uplift at joint 2 and 193 lb uplift at joint 14.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925214
L265561	T10	MONO TRUSS	6	1	Job Reference (optional)

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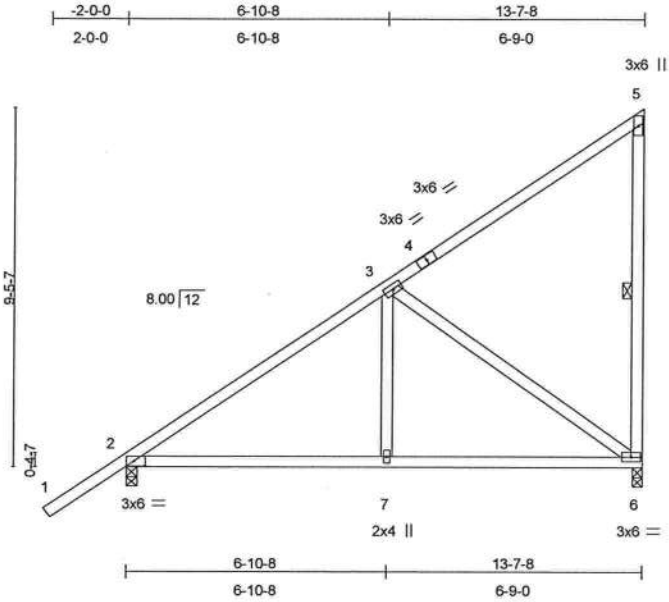

Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.04	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.08	2-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.47	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 80 lb	

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

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

REACTIONS (lb/size) 6=417/0-3-0, 2=557/0-3-8
Max Horz 2=358(load case 6)
Max Uplift 6=-205(load case 6), 2=-125(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-525/0, 3-4=-129/0, 4-5=-90/69, 5-6=-146/156
BOT CHORD 2-7=-271/354, 6-7=-271/354
WEBS 3-7=0/229, 3-6=-414/316

JOINT STRESS INDEX
2 = 0.41, 3 = 0.17, 4 = 0.21, 5 = 0.30, 6 = 0.22 and 7 = 0.16

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	0 0 J1925214
L265561	T10	MONO TRUSS	6	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 205 lb uplift at joint 6 and 125 lb uplift at joint 2.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925215
L265561	T11	GABLE	1	1	Job Reference (optional)

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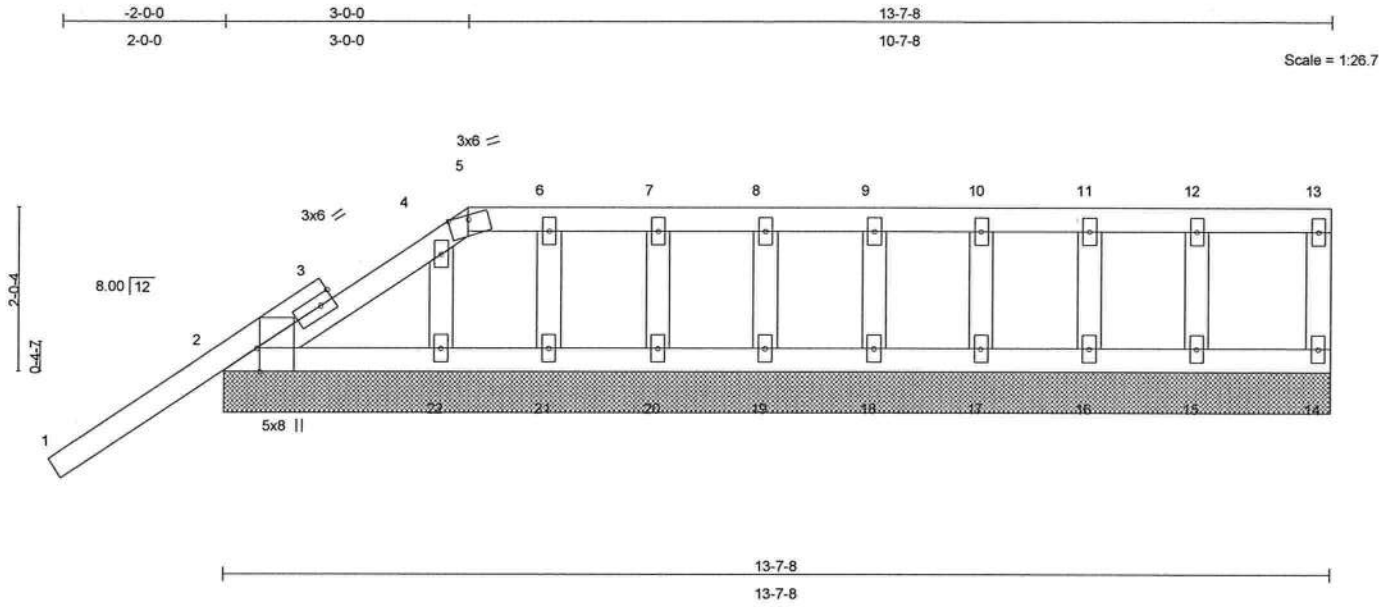

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.01	1	n/r	90		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.02	Horz(TL)	-0.00	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 66 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 14=45/13-7-8, 2=241/13-7-8, 22=84/13-7-8, 21=86/13-7-8, 20=85/13-7-8, 19=85/13-7-8, 18=85/13-7-8, 17=86/13-7-8, 16=83/13-7-8, 15=94/13-7-8
Max Horz 2=166(load case 6)
Max Uplift 14=-30(load case 4), 2=-211(load case 6), 22=-25(load case 7), 21=-73(load case 4), 20=-49(load case 4), 19=-54(load case 4), 18=-53(load case 4), 17=-53(load case 4), 16=-53(load case 4), 15=-55(load case 4)
Max Grav 14=45(load case 1), 2=241(load case 1), 22=94(load case 2), 21=86(load case 1), 20=85(load case 1), 19=85(load case 1), 18=85(load case 1), 17=86(load case 1), 16=83(load case 1), 15=94(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/61, 2-3=-48/12, 3-4=-24/24, 4-5=-26/10, 5-6=-4/6, 6-7=-4/6, 7-8=-4/6, 8-9=-4/6, 9-10=-4/6, 10-11=-4/6, 11-12=-4/6, 12-13=-4/6, 13-14=-37/32
BOT CHORD	2-22=-6/4, 21-22=-6/4, 20-21=-6/4, 19-20=-6/4, 18-19=-6/4, 17-18=-6/4, 16-17=-6/4, 15-16=-6/4, 14-15=-6/4
WEBS	4-22=-73/44, 6-21=-71/75, 7-20=-72/59, 8-19=-72/61, 9-18=-72/61, 10-17=-72/61, 11-16=-70/60, 12-15=-81/67

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925215
L265561	T11	GABLE	1	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.44, 3 = 0.00, 3 = 0.15, 4 = 0.04, 5 = 0.04, 6 = 0.04, 7 = 0.03, 8 = 0.03, 9 = 0.03, 10 = 0.03, 11 = 0.03, 12 = 0.04, 13 = 0.07, 14 = 0.04, 15 = 0.04, 16 = 0.03, 17 = 0.03, 18 = 0.03, 19 = 0.03, 20 = 0.03, 21 = 0.04 and 22 = 0.03

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) 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"
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 14, 211 lb uplift at joint 2, 25 lb uplift at joint 22, 73 lb uplift at joint 21, 49 lb uplift at joint 20, 54 lb uplift at joint 19, 53 lb uplift at joint 18, 53 lb uplift at joint 17, 53 lb uplift at joint 16 and 55 lb uplift at joint 15.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925216
L265561	T12	MONO HIP	1	1	Job Reference (optional)

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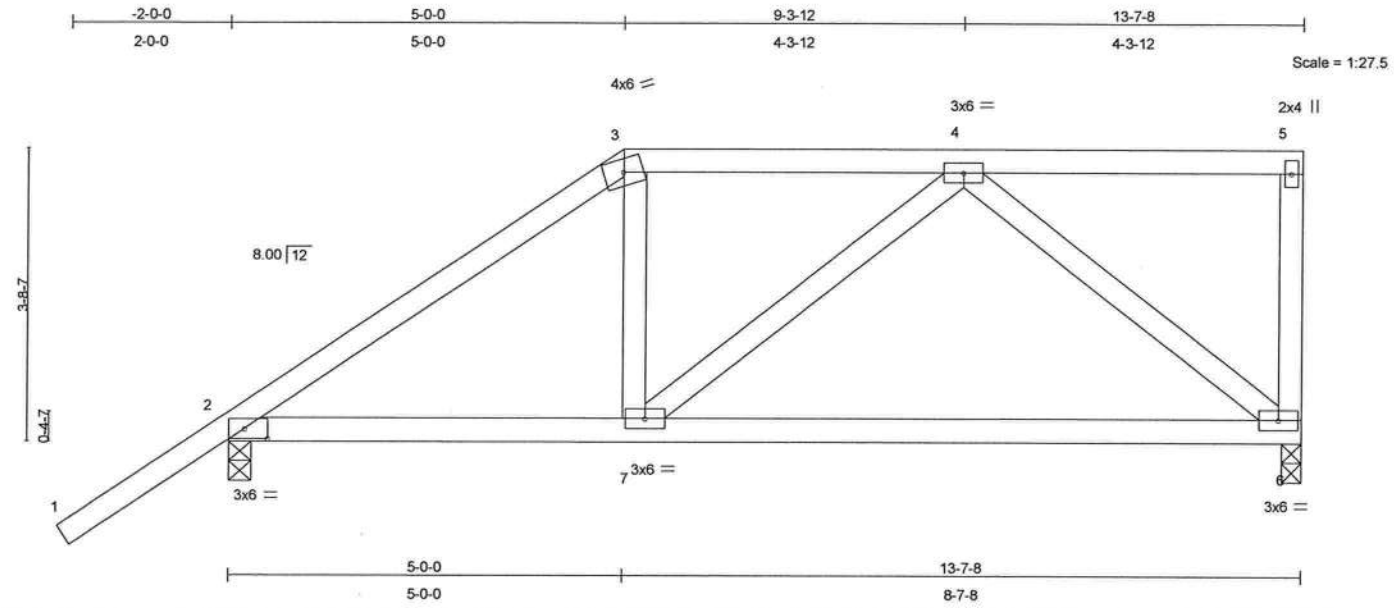

Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.09	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.16	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.22	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 70 lb	

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

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

REACTIONS (lb/size) 6=417/0-3-0, 2=557/0-3-8
Max Horz 2=177(load case 6)
Max Uplift 6=-117(load case 4), 2=-177(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-567/216, 3-4=-402/233, 4-5=-53/4, 5-6=-106/83
BOT CHORD 2-7=-236/400, 6-7=-237/358
WEBS 3-7=-1/146, 4-7=-10/132, 4-6=-422/301

JOINT STRESS INDEX
2 = 0.39, 3 = 0.34, 4 = 0.14, 5 = 0.54, 6 = 0.62 and 7 = 0.09

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925216
L265561	T12	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 117 lb uplift at joint 6 and 177 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925217
L265561	T13	MONO HIP	1	1	Job Reference (optional)

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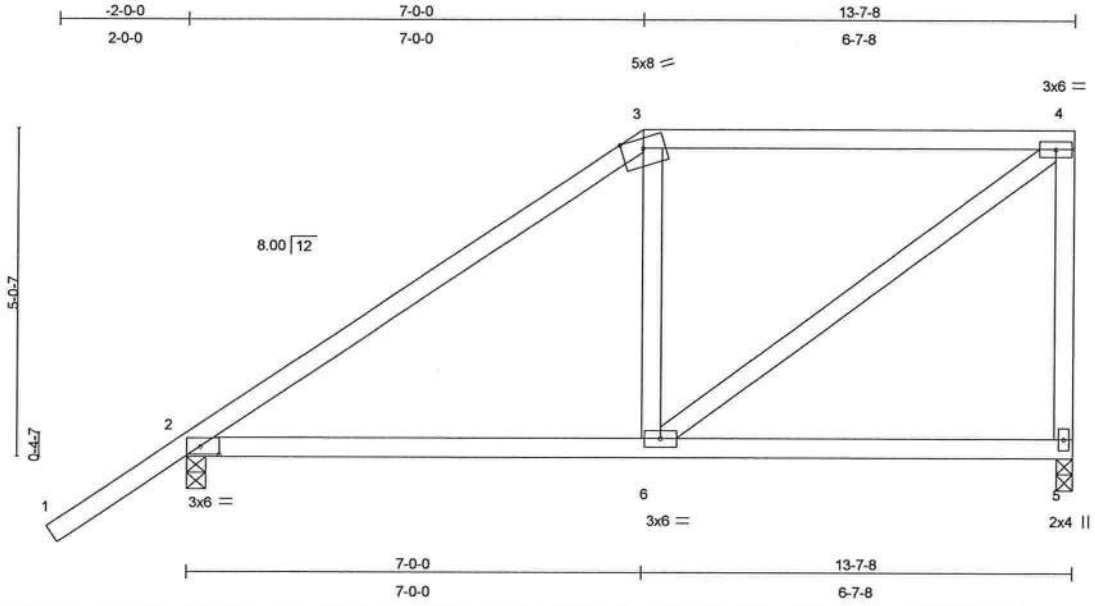

Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.05	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.10	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.28	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 71 lb	

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

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

REACTIONS (lb/size) 5=417/0-3-0, 2=557/0-3-8
Max Horz 2=220(load case 6)
Max Uplift 5=-118(load case 5), 2=-177(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-517/167, 3-4=-340/224, 4-5=-386/276
BOT CHORD 2-6=-230/345, 5-6=-21/30
WEBS 3-6=-155/202, 4-6=-258/387

JOINT STRESS INDEX
2 = 0.46, 3 = 0.68, 4 = 0.63, 5 = 0.53 and 6 = 0.22

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925217
L265561	T13	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 118 lb uplift at joint 5 and 177 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925218
L265561	T14	MONO HIP	1	1	Job Reference (optional)

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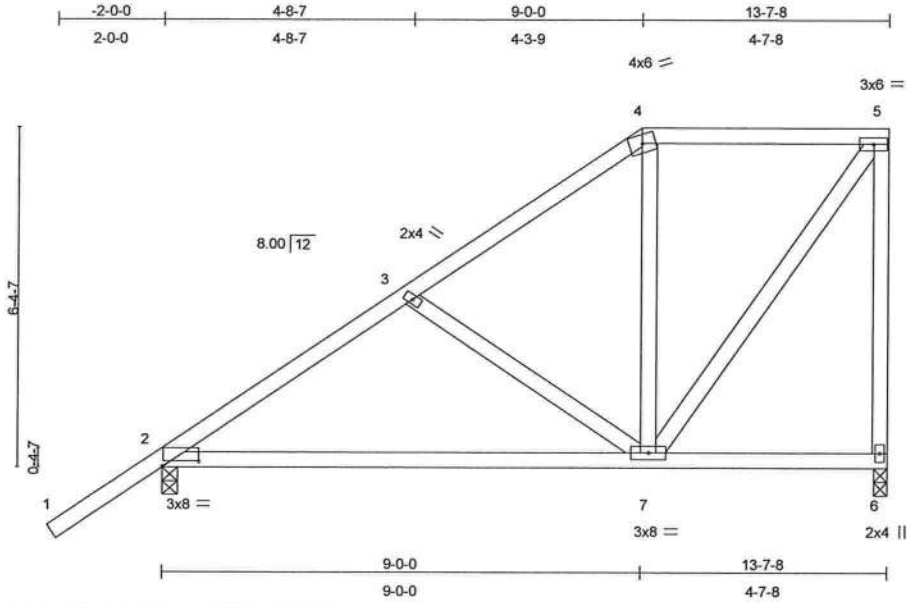

Plate Offsets (X,Y): [2:0-8-3,0-1-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.13	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.23	2-7	>706	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.23	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 83 lb	

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

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

REACTIONS (lb/size) 6=417/0-3-0, 2=557/0-3-8
Max Horz 2=263(load case 6)
Max Uplift 6=-119(load case 5), 2=-170(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-544/153, 3-4=-332/104, 4-5=-220/145, 5-6=-402/276
BOT CHORD 2-7=-308/391, 6-7=-8/9
WEBS 3-7=-204/192, 4-7=-109/150, 5-7=-237/363

JOINT STRESS INDEX
2 = 0.70, 3 = 0.10, 4 = 0.42, 5 = 0.31, 6 = 0.24 and 7 = 0.36

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925218
L265561	T14	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb uplift at joint 6 and 170 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925219
L265561	T15	MONO HIP	1	1	Job Reference (optional)

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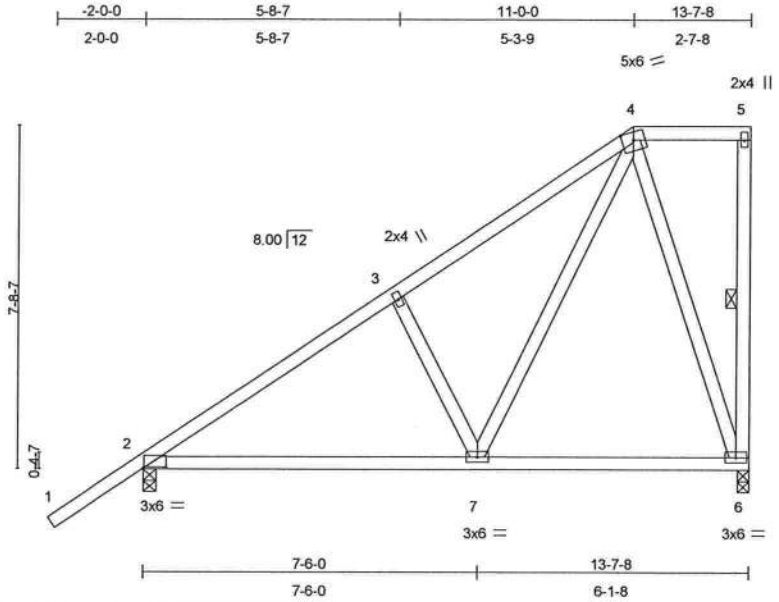

Plate Offsets (X,Y): [2:0-6-3,0-0-6]

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)	-0.06	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.11	2-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 87 lb	

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

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

REACTIONS (lb/size) 6=417/0-3-0, 2=557/0-3-8
Max Horz 2=305(load case 6)
Max Uplift 6=-146(load case 6), 2=-154(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-537/75, 3-4=-404/137, 4-5=-6/0, 5-6=-30/40
BOT CHORD 2-7=-294/375, 6-7=-100/124
WEBS 3-7=-250/255, 4-7=-193/330, 4-6=-382/316

JOINT STRESS INDEX
2 = 0.62, 3 = 0.14, 4 = 0.31, 5 = 0.14, 6 = 0.23 and 7 = 0.27

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925219
L265561	T15	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 146 lb uplift at joint 6 and 154 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925220
L265561	T16	MONO HIP	1	1	Job Reference (optional)

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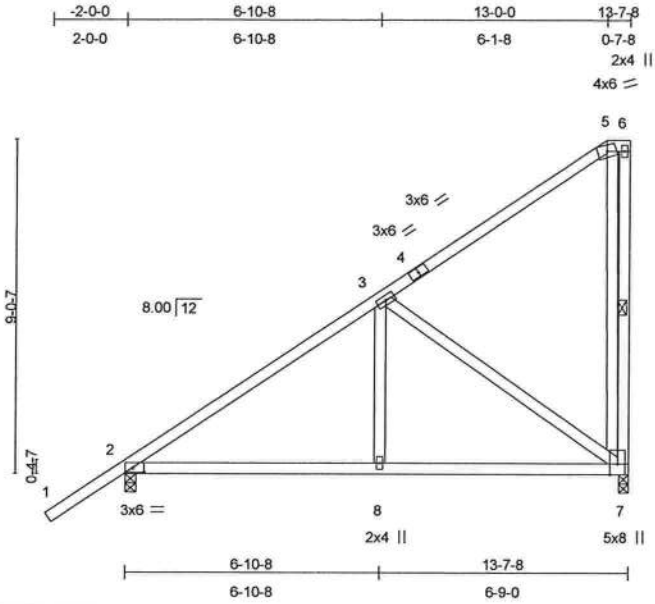

Plate Offsets (X,Y): [2:0-3-9,0-1-8]

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)	-0.04	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.08	2-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 91 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, 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=417/0-3-0, 2=557/0-3-8
Max Horz 2=348(load case 6)
Max Uplift 7=-193(load case 6), 2=-131(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-522/0, 3-4=-129/0, 4-5=-76/55, 5-6=-11/8, 6-7=-195/162
BOT CHORD 2-8=-266/349, 7-8=-266/349
WEBS 3-8=0/230, 3-7=-398/297, 5-7=-322/362

JOINT STRESS INDEX
2 = 0.40, 3 = 0.17, 4 = 0.19, 5 = 0.53, 6 = 0.39, 7 = 0.17 and 8 = 0.16

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925220
L265561	T16	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 193 lb uplift at joint 7 and 131 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925221
L265561	T17	MONO TRUSS	1	1	Job Reference (optional)

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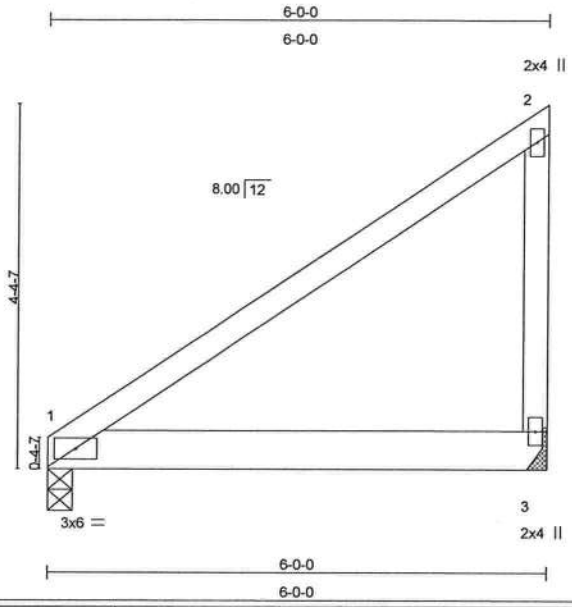

Scale = 1:26.1

Simpson HTU26

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	-0.06	1-3	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.12	1-3	>554	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 30 lb	

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

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

REACTIONS (lb/size) 1=613/0-3-8, 3=613/Mechanical
Max Horz 1=124(load case 5)
Max Uplift 1=-135(load case 5), 3=-219(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-86/69, 2-3=-154/110
BOT CHORD 1-3=0/0

JOINT STRESS INDEX
1 = 0.07, 2 = 0.07 and 3 = 0.06

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 135 lb uplift at joint 1 and 219 lb uplift at joint 3.
5) Girder carries tie-in span(s): 11-8-0 from 0-0-0 to 6-0-0
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-161(F=-151), 1-2=-54

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925222
L265561	T18	HIP	1	1	Job Reference (optional)

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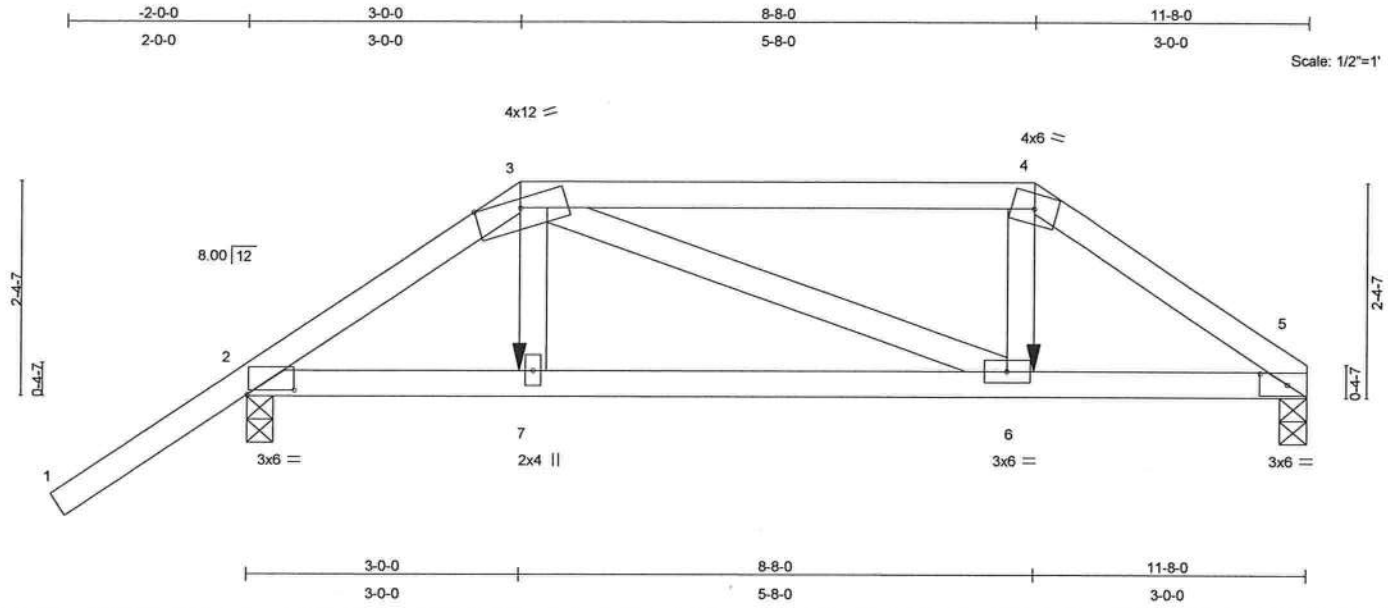

Plate Offsets (X,Y): [2:0-6-3,0-0-10], [5:0-3-9,0-1-8]

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)	-0.02	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.05	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 54 lb	

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

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

REACTIONS (lb/size) 5=432/0-3-8, 2=576/0-3-8
Max Horz 2=92(load case 5)
Max Uplift 5=-132(load case 3), 2=-218(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-648/214, 3-4=-551/218, 4-5=-679/226
BOT CHORD 2-7=-209/499, 6-7=-208/504, 5-6=-173/545
WEBS 3-7=0/159, 3-6=-70/63, 4-6=-1/164

JOINT STRESS INDEX
2 = 0.66, 3 = 0.63, 4 = 0.43, 5 = 0.34, 6 = 0.10 and 7 = 0.11

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925222
L265561	T18	HIP	1	1	Job Reference (optional)

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 132 lb uplift at joint 5 and 218 lb uplift at joint 2.
7) Girder carries hip end with 3-0-0 end setback.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-4=-64(F=-10), 4-5=-54, 2-7=-10, 6-7=-12(F=-2), 5-6=-10
   Concentrated Loads (lb)
   Vert: 7=-48(F) 6=-48(F)

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925223
L265561	T19	MONO HIP	1	1	Job Reference (optional)

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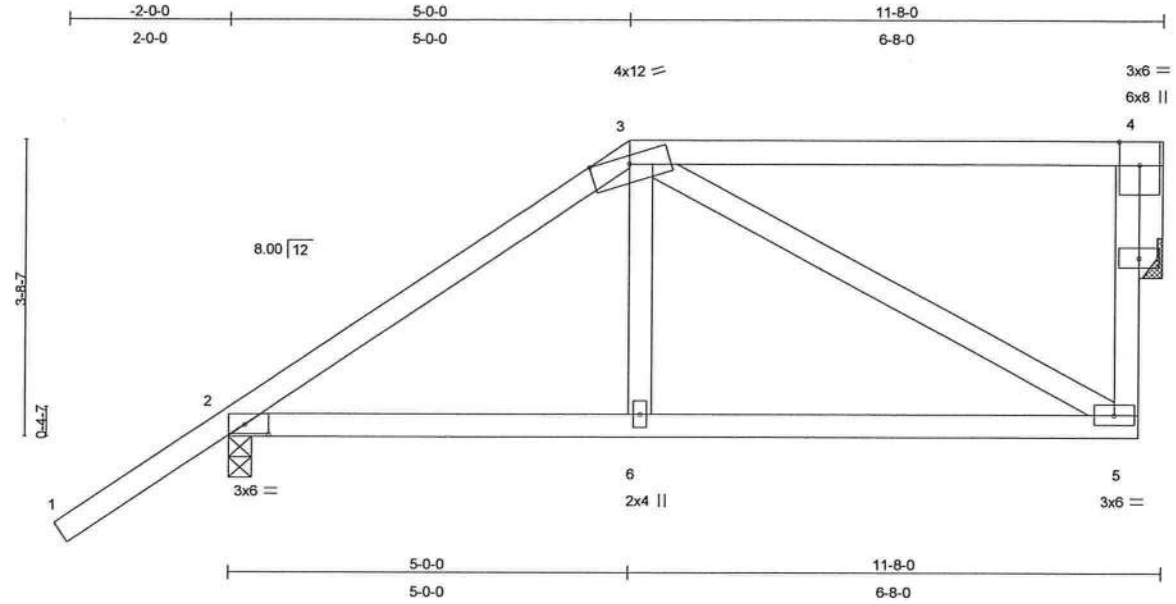

Simpson HTU26

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)	-0.03	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.24	Horz(TL)	-0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 61 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=487/0-3-8, 7=351/Mechanical
Max Horz 2=177(load case 6)
Max Uplift 2=-168(load case 6), 7=-100(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/62, 2-3=-446/166, 3-4=-59/42, 5-7=-77/195, 4-7=-171/151
BOT CHORD	2-6=-203/308, 5-6=-200/310
WEBS	3-6=0/182, 3-5=-286/180

JOINT STRESS INDEX

2 = 0.48, 3 = 0.74, 4 = 0.22, 5 = 0.71, 6 = 0.13, 7 = 0.00 and 7 = 0.19

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	0 0 J1925223
L265561	T19	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 168 lb uplift at joint 2 and 100 lb uplift at joint 7.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925224
L265561	T20	MONO HIP	1	1	Job Reference (optional)

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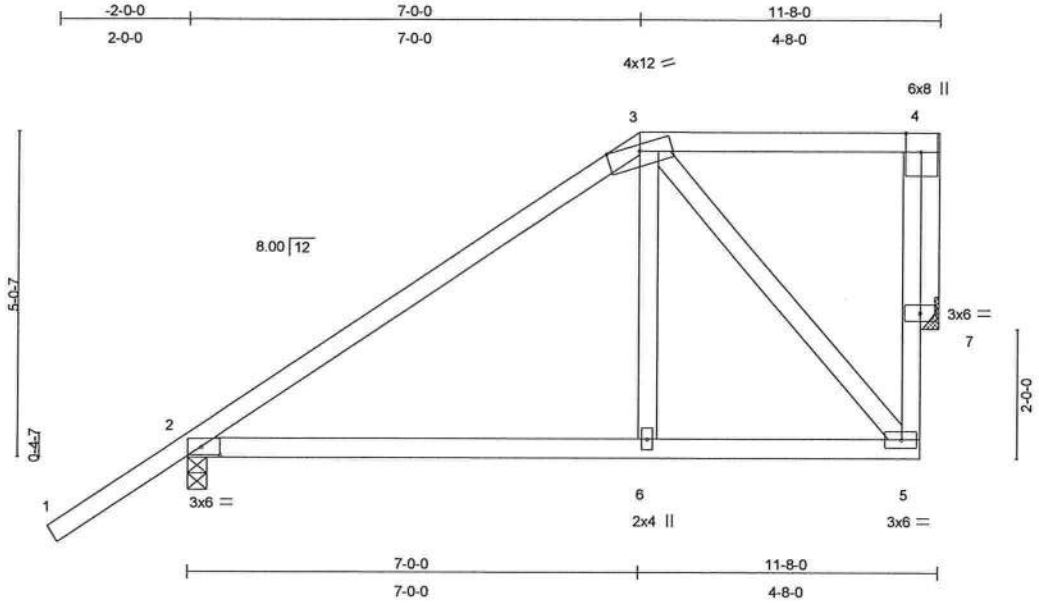

Scale = 1:33.6

Simpson HTU26

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	0.34	Vert(LL)	-0.05	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.11	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.24	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 66 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=487/0-3-8, 7=351/Mechanical
Max Horz 2=220(load case 6)
Max Uplift 2=-163(load case 6), 7=-101(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/62, 2-3=-388/93, 3-4=-5/14, 5-7=-177/269, 4-7=-82/85
BOT CHORD	2-6=-169/235, 5-6=-167/237
WEBS	3-6=0/205, 3-5=-349/247

JOINT STRESS INDEX

2 = 0.48, 3 = 0.97, 4 = 0.10, 5 = 0.17, 6 = 0.14, 7 = 0.00 and 7 = 0.19

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925224
L265561	T20	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 163 lb uplift at joint 2 and 101 lb uplift at joint 7.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925225
L265561	T21	SPECIAL	1	1	Job Reference (optional)

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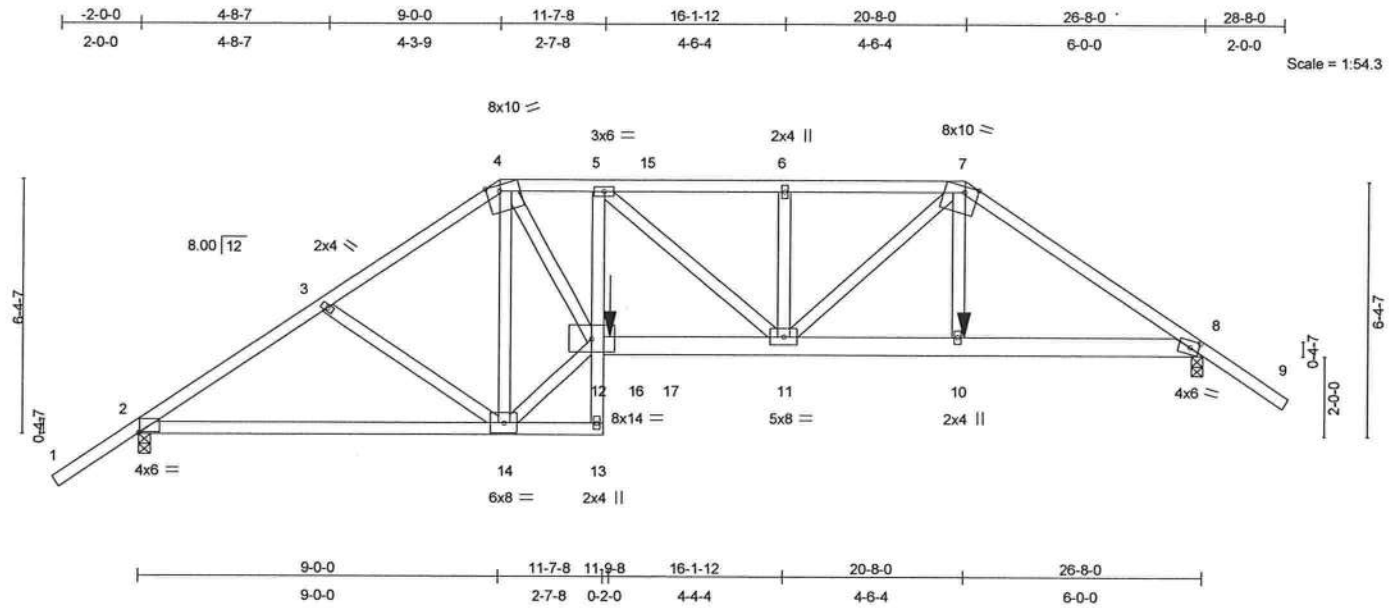

Plate Offsets (X,Y): [2:0-0-3,Edge], [4:0-4-0,Edge], [7:0-4-0,Edge], [8:0-2-12,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	-0.15	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.29	2-14	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.87	Horz(TL)	0.13	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 167 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 5-13 2 X 4 SYP No.3, 8-12 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-5-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=1549/0-3-8, 8=1754/0-3-8
Max Horz 2=161(load case 5)
Max Uplift 2=-502(load case 5), 8=-628(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/62, 2-3=-2274/780, 3-4=-2075/765, 4-5=-3055/1226, 5-15=-2929/1212, 6-15=-2929/1212, 6-7=-2930/1211, 7-8=-2660/1018, 8-9=0/65
BOT CHORD 2-14=-721/1807, 13-14=-37/60, 12-13=-53/4, 5-12=-144/222, 12-16=-1226/3115, 16-17=-1221/3101, 11-17=-1222/3100, 10-11=-804/2141, 8-10=-800/2129
WEBS 3-14=-169/116, 4-14=-1322/565, 4-12=-1062/2630, 5-11=-248/46, 6-11=-502/365, 7-11=-510/1114, 7-10=-137/350, 12-14=-811/2162

JOINT STRESS INDEX

2 = 0.78, 3 = 0.33, 4 = 0.51, 5 = 0.45, 6 = 0.33, 7 = 0.66, 8 = 0.82, 10 = 0.33, 11 = 0.51, 12 = 0.64, 13 = 0.43 and 14 = 0.78

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.

Continued on page 2

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925225
L265561	T21	SPECIAL	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 502 lb uplift at joint 2 and 628 lb uplift at joint 8.
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: 1-4=-54, 4-15=-54, 7-15=-104(F=-50), 7-9=-54, 2-13=-10, 12-17=-10, 10-17=-19(F=-9), 8-10=-10
   Concentrated Loads (lb)
   Vert: 10=-288(F) 16=-613(F)

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Job	Truss	Truss Type	Qty	Ply	0 0
L265561	T22	SPECIAL	1	2	J1925226
					Job Reference (optional)

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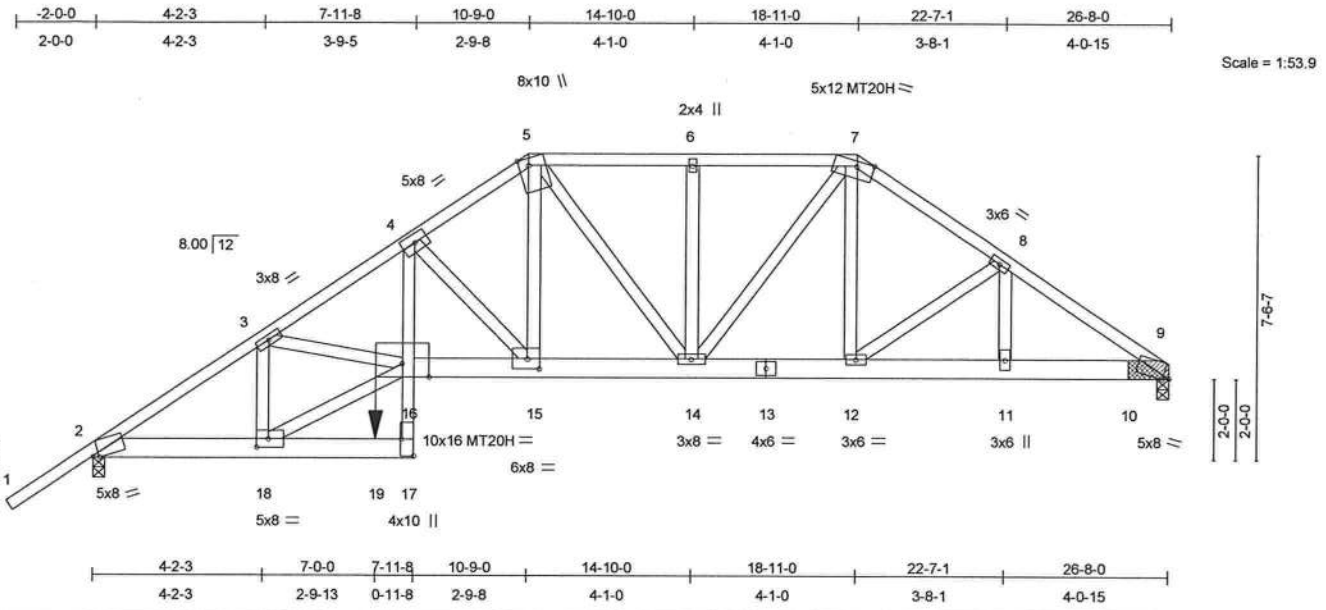

Plate Offsets (X,Y): [2:0-1-13,Edge], [5:0-2-2,Edge], [7:0-5-0,Edge], [9:0-1-13,Edge], [15:0-3-8,0-3-0], [17:Edge,0-3-8], [18:0-3-8 ,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	-0.22	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.89	Vert(TL)	-0.41	15-16	>764	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.72	Horz(TL)	0.19	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 386 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D *Except* 4-17 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except* 16-18 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 8-9-0 oc bracing: 15-16.

REACTIONS (lb/size) 9=6260/0-3-11 (0-3-8 + bearing block), 2=4793/0-3-8
Max Horz 2=1362(load case 4)
Max Uplift 9=-2215(load case 3), 2=-1451(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-8022/2462, 3-4=-12060/4575, 4-5=-8821/3495, 5-6=-7555/2893, 6-7=-7555/2893, 7-8=-7639/2790, 8-9=-9294/3303
BOT CHORD 2-18=-3323/6567, 18-19=-470/686, 17-19=-470/686, 16-17=-596/1608, 4-16=-1853/4399, 15-16=-4194/9985, 14-15=-2987/7450, 13-14=-2346/6391, 12-13=-2346/6391, 11-12=-2688/7646, 10-11=-2688/7646, 9-10=-2688/7646
WEBS 3-18=-3085/1584, 3-16=-1733/3497, 16-18=-3261/6722, 4-15=-3820/1813, 5-15=-1949/4463, 5-14=-123/279, 6-14=-124/94, 7-14=-890/1937, 7-12=-893/2486, 8-12=-1627/636, 8-11=-595/1719

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JOINT STRESS INDEX
2 = 0.72, 3 = 0.86, 4 = 0.72, 5 = 0.93, 6 = 0.33, 7 = 0.95, 8 = 0.64, 9 = 0.82, 9 = 0.00, 9 = 0.00, 10 = 0.00, 10 = 0.00, 10 = 0.00 , 11 = 0.27, 12 = 0.79, 13 = 0.90, 14 = 0.96, 15 = 0.60, 16 = 0.68, 17 = 0.78 and 18 = 0.74

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0
L265561	T22	SPECIAL	1	2	J1925226
					Job Reference (optional)

NOTES

1) 2-ply truss to be connected together with 10d (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, 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) 2 X 6 SYP No.1D bearing block 12" long at jt. 9 attached to back face with 3 rows of 10d (0.131"x3") nails spaced 3" o.c. 12 Total fasteners per block. Bearing is assumed to be SYP.
4) Unbalanced roof live loads have been considered for this design.
5) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
6) Provide adequate drainage to prevent water ponding.
7) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) All plates are MT20 plates unless otherwise indicated.
9) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2215 lb uplift at joint 9 and 1451 lb uplift at joint 2.
11) Girder carries tie-in span(s): 33-4-0 from 22-6-8 to 26-8-0; 25-8-0 from 8-0-0 to 22-6-8

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-5=-54, 5-7=-54, 7-9=-54, 2-17=-10, 11-16=-384(F=-374), 9-11=-507(F=-497)
   Concentrated Loads (lb)
      Vert: 19=-1765(F)

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925227
L265561	T23	SPECIAL	1	1	Job Reference (optional)

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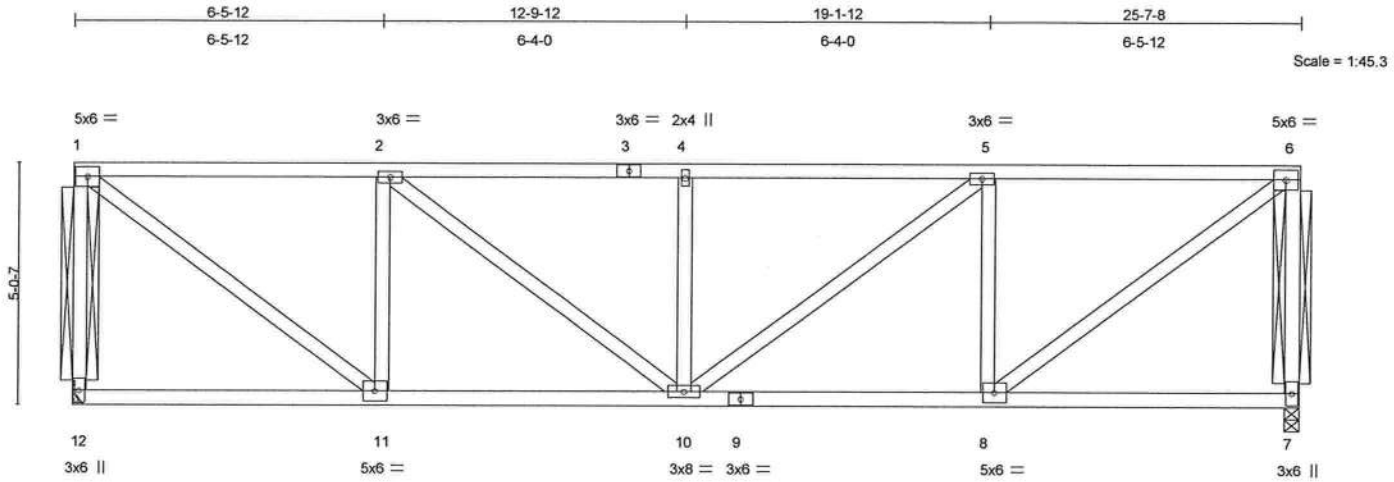
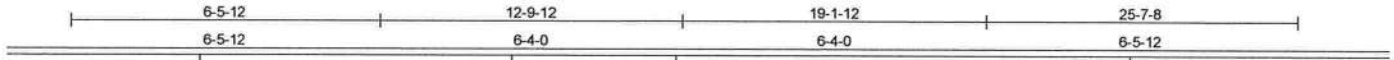


Simpson HTU26



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	1.00	Vert(LL)	-0.12	10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.24	10-11	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.95	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 154 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-4 oc bracing.
WEBS I-Brace: 2 X 4 SYP No.3 - 1-12, 6-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 12=1765/Mechanical, 7=1765/0-3-8
Max Uplift 12=-701(load case 3), 7=-701(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-12=-1686/729, 1-2=-1867/741, 2-3=-2445/970, 3-4=-2445/970, 4-5=-2445/970, 5-6=-1867/741, 6-7=-1686/729
BOT CHORD 11-12=-30/75, 10-11=-741/1867, 9-10=-741/1867, 8-9=-741/1867, 7-8=-30/75
WEBS 1-11=-889/2239, 2-11=-1217/632, 2-10=-286/722, 4-10=-724/419, 5-10=-286/722, 5-8=-1217/632, 6-8=-889/2239

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JOINT STRESS INDEX
1 = 0.70, 2 = 0.42, 3 = 0.32, 4 = 0.33, 5 = 0.42, 6 = 0.70, 7 = 0.39, 8 = 0.70, 9 = 0.60, 10 = 0.68, 11 = 0.70 and 12 = 0.39

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925227
L265561	T23	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 701 lb uplift at joint 12 and 701 lb uplift at joint 7.
6) Girder carries hip end with 0-0-0 right side setback, 0-0-0 left side setback, and 7-0-0 end setback.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-6=-118(F=-64), 7-12=-22(F=-12)

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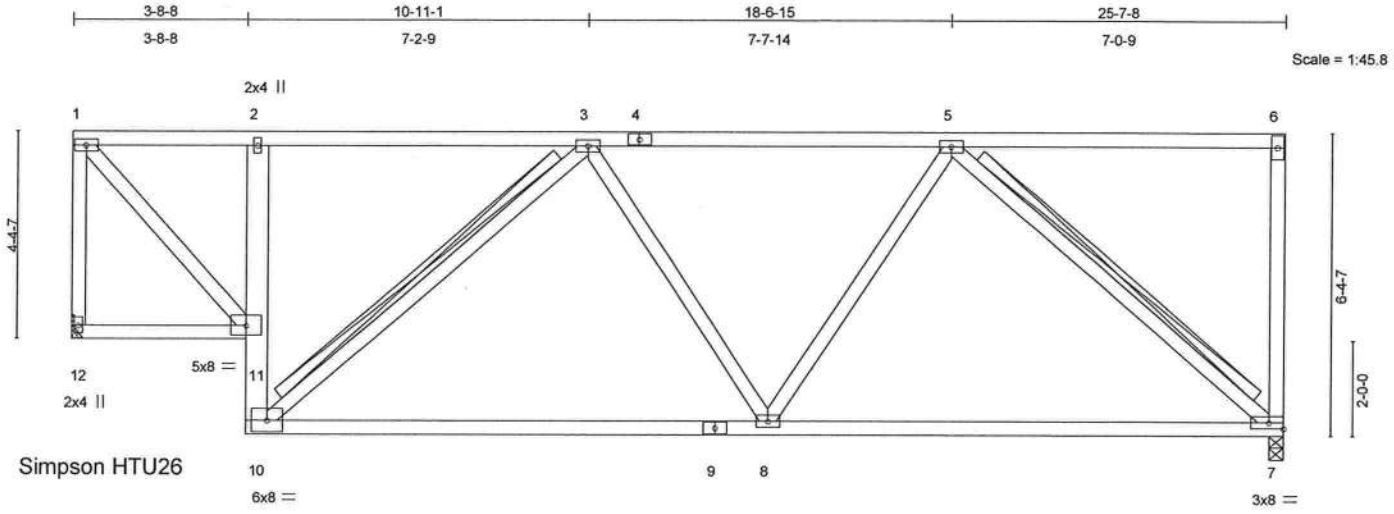
Job	Truss	Truss Type	Qty	Ply	0 0 J1925228
L265561	T24	SPECIAL	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:39:11 2008 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	0.70	Vert(LL)	-0.23	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.42	7-8	>731	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.44	Horz(TL)	0.12	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 159 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 2-10 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-1-10 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-10, 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 12=811/Mechanical, 7=811/0-3-8
Max Uplift 12=-224(load case 4), 7=-224(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-12=-726/386, 1-2=-629/321, 2-3=-478/236, 3-4=-815/393, 4-5=-815/393, 5-6=-43/9, 6-7=-167/116
BOT CHORD 11-12=-13/25, 10-11=-169/400, 2-11=-296/215, 9-10=-458/865, 8-9=-458/865, 7-8=-378/704
WEBS 1-11=-452/887, 3-10=-513/294, 3-8=-94/122, 5-8=-28/308, 5-7=-891/492

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JOINT STRESS INDEX

1 = 0.57, 2 = 0.33, 3 = 0.42, 4 = 0.25, 5 = 0.42, 6 = 0.34, 7 = 0.57, 8 = 0.42, 9 = 0.52, 10 = 0.68, 11 = 0.56 and 12 = 0.70

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925228
L265561	T24	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are 3x6 MT20 unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 224 lb uplift at joint 12 and 224 lb uplift at joint 7.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0
L265561	T25	SPECIAL	1	1	J1925229
					Job Reference (optional)

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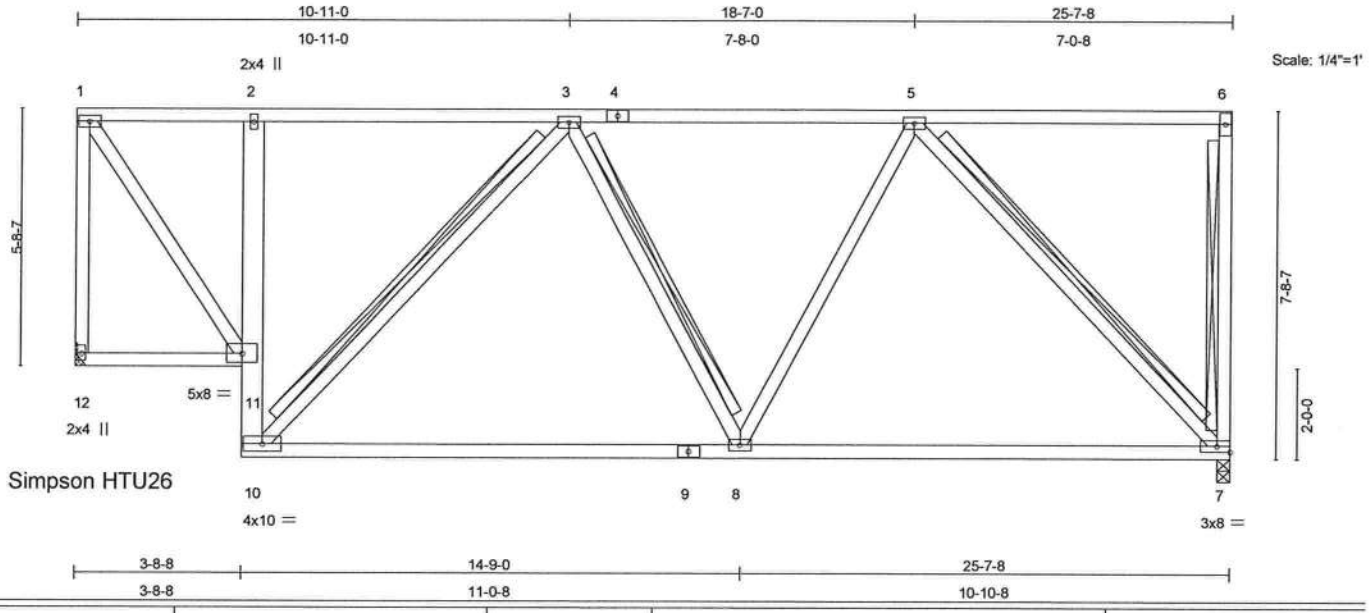

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	-0.24	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.42	7-8	>720	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.11	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 173 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 2-10 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-7, 3-10, 3-8, 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 12=811/Mechanical, 7=811/0-3-8
Max Uplift 12=-224(load case 4), 7=-224(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-12=-731/387, 1-2=-476/243, 2-3=-393/194, 3-4=-669/323, 4-5=-669/323, 5-6=-33/6, 6-7=-164/114
BOT CHORD 11-12=-9/17, 10-11=-168/398, 2-11=-300/218, 9-10=-376/709, 8-9=-376/709, 7-8=-311/577
WEBS 1-11=-408/801, 3-10=-461/264, 3-8=-88/115, 5-8=-26/295, 5-7=-809/447

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JOINT STRESS INDEX

1 = 0.59, 2 = 0.33, 3 = 0.44, 4 = 0.24, 5 = 0.44, 6 = 0.31, 7 = 0.53, 8 = 0.44, 9 = 0.54, 10 = 0.95, 11 = 0.54 and 12 = 0.61

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925229
L265561	T25	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are 3x6 MT20 unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 224 lb uplift at joint 12 and 224 lb uplift at joint 7.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925230
L265561	T26	SPECIAL	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:39:13 2008 Page 1

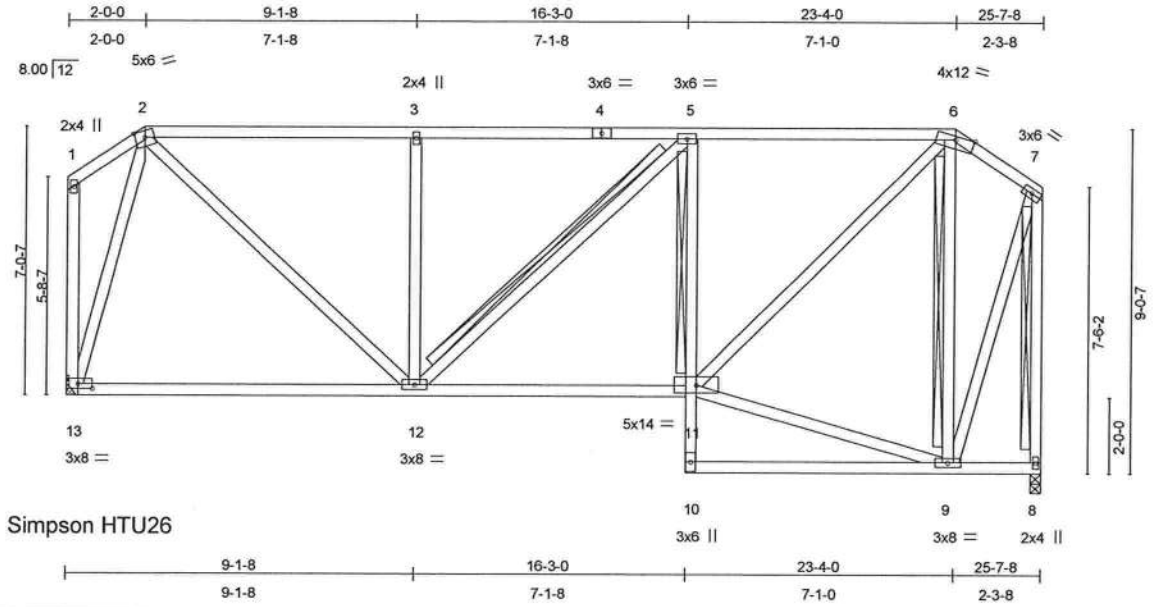

Plate Offsets (X,Y): [13:0-4-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.12	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.22	12-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.70	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 204 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 5-10 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except* 1-13 2 X 4 SYP No.2, 7-8 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
T-Brace: 2 X 4 SYP No.3 - 5-11
WEBS T-Brace: 2 X 4 SYP No.3 - 5-12, 6-9, 7-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 8=811/0-3-8, 13=811/Mechanical
Max Horz 13=-40(load case 4)
Max Uplift 8=-261(load case 4), 13=-264(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-52/61, 2-3=-742/428, 3-4=-742/428, 4-5=-742/428, 5-6=-740/438, 6-7=-245/139, 1-13=-73/65, 7-8=-804/398
BOT CHORD 12-13=-117/230, 11-12=-374/744, 10-11=0/101, 5-11=-397/274, 9-10=-2/30, 8-9=-2/3
WEBS 2-12=-346/709, 3-12=-399/286, 5-12=-7/25, 6-11=-387/749, 6-9=-677/393, 9-11=-98/191, 7-9=-335/702, 2-13=-823/481

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	0 0 J1925230
L265561	T26	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

1 = 0.48, 2 = 0.59, 3 = 0.33, 4 = 0.27, 5 = 0.35, 6 = 0.78, 7 = 0.54, 8 = 0.33, 9 = 0.87, 10 = 0.31, 11 = 0.50, 12 = 0.68 and 13 = 0.61

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 261 lb uplift at joint 8 and 264 lb uplift at joint 13.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925231
L265561	T27	SPECIAL	1	1	Job Reference (optional)

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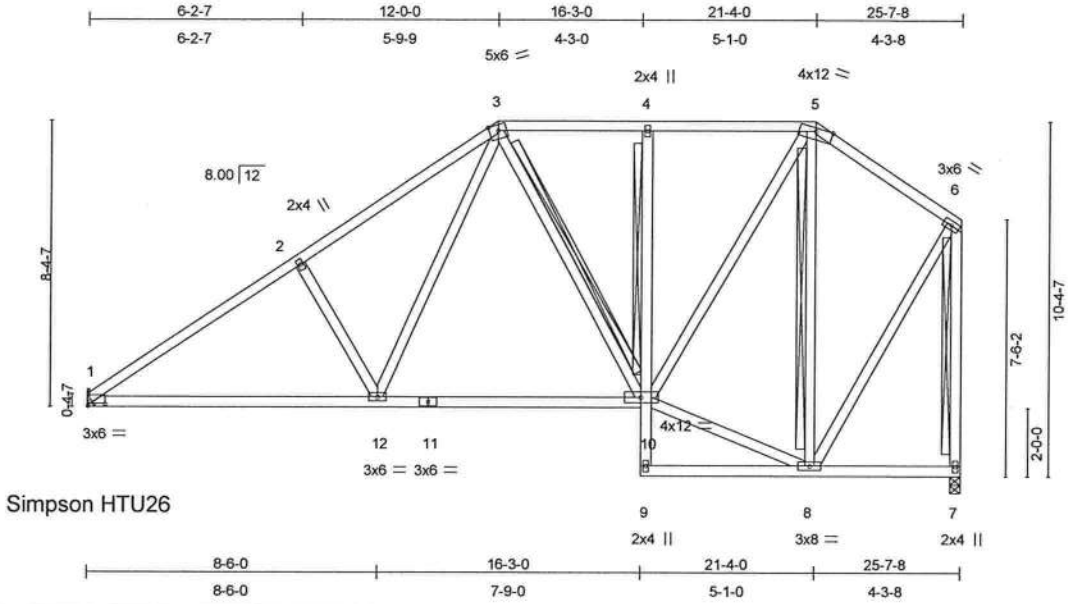

Plate Offsets (X,Y): [1:0-6-3,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.10	1-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.20	1-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.46	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 187 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 4-9 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except* 6-7 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-5-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
T-Brace: 2 X 4 SYP No.3 - 4-10
WEBS T-Brace: 2 X 4 SYP No.3 - 3-10, 5-8, 6-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 1=811/Mechanical, 7=811/0-3-8
Max Horz 1=217(load case 5)
Max Uplift 1=-156(load case 6), 7=-151(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1218/536, 2-3=-1055/585, 3-4=-599/415, 4-5=-598/417, 5-6=-413/244, 6-7=-789/422
BOT CHORD 1-12=-577/938, 11-12=-343/647, 10-11=-343/647, 9-10=0/64, 4-10=-259/155, 8-9=-21/4, 7-8=-6/8
WEBS 2-12=-282/286, 3-12=-229/380, 3-10=-115/108, 5-10=-305/599, 5-8=-569/318, 8-10=-132/311, 6-8=-265/573

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January 10,2008

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JOINT STRESS INDEX

1 = 0.61, 2 = 0.33, 3 = 0.44, 4 = 0.33, 5 = 0.71, 6 = 0.50, 7 = 0.33, 8 = 0.61, 9 = 0.35, 10 = 0.54, 11 = 0.25 and 12 = 0.46

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 156 lb uplift at joint 1 and 151 lb uplift at joint 7.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925232
L265561	T28	SPECIAL	4	1	Job Reference (optional)

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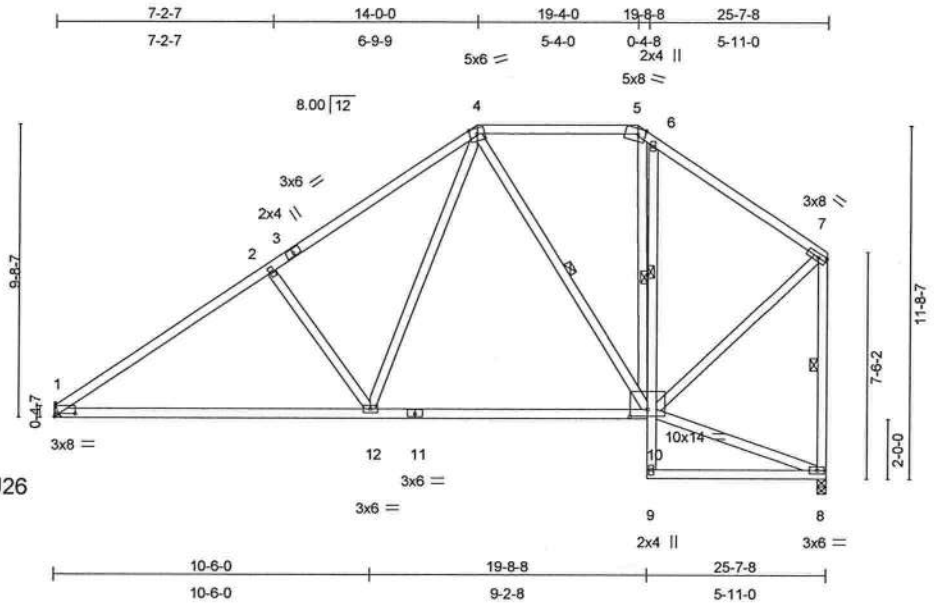

Simpson HTU26

Plate Offsets (X,Y): [1:0-8-3,0-1-2], [5:0-3-0,Edge], [10:0-7-0,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.22	1-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.44	1-12	>699	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 181 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 6-9 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except* 7-8 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-3-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 6-10
WEBS 1 Row at midpt 4-10, 7-8, 5-10

REACTIONS (lb/size) 1=811/Mechanical, 8=811/0-3-8
Max Horz 1=254(load case 5)
Max Uplift 1=-162(load case 6), 8=-151(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1182/515, 2-3=-962/512, 3-4=-938/541, 4-5=-402/343, 5-6=-497/440, 6-7=-574/322, 7-8=-788/421
BOT CHORD 1-12=-545/901, 11-12=-266/559, 10-11=-266/559, 9-10=0/84, 6-10=-171/217, 8-9=-29/0
WEBS 2-12=-336/337, 4-12=-243/445, 4-10=-336/193, 7-10=-230/541, 8-10=-13/43, 5-10=-176/128

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JOINT STRESS INDEX

1 = 0.65, 2 = 0.33, 3 = 0.44, 4 = 0.59, 5 = 0.56, 6 = 0.45, 7 = 0.71, 8 = 0.35, 9 = 0.63, 10 = 0.29, 11 = 0.35 and 12 = 0.47

NOTES

1) Unbalanced roof live loads have been considered for this design.

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925232
L265561	T28	SPECIAL	4	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 162 lb uplift at joint 1 and 151 lb uplift at joint 8.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925233
L265561	T29	SPECIAL	1	1	Job Reference (optional)

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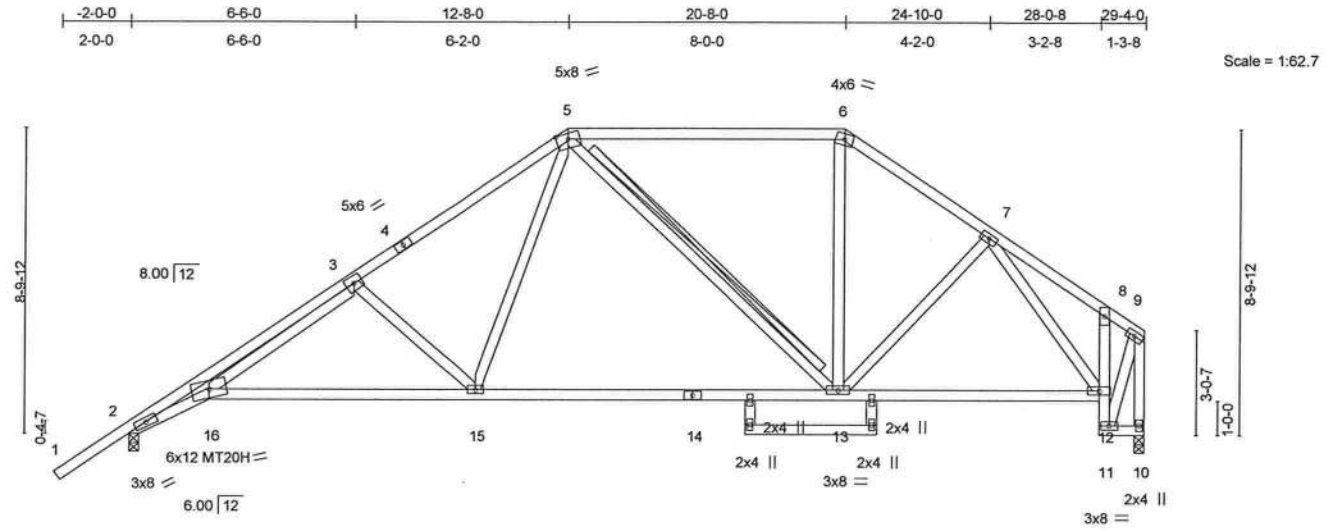

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	0.34	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.62	15-16	>560	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.61	Horz(TL)	0.31	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 188 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except* 1-4 2 X 4 SYP No.1D

BOT CHORD 2 X 4 SYP No.2 *Except* 17-18 2 X 4 SYP No.3, 19-20 2 X 4 SYP No.3 8-11 2 X 4 SYP No.3, 2-16 2 X 4 SYP No.1D

WEBS 2 X 4 SYP No.3 *Except* 9-10 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-0-2 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 5-7-9 oc bracing.

WEBS T-Brace: 2 X 4 SYP No.3 - 5-13

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 10=925/0-3-8, 2=1054/0-3-8
Max Horz 2=258(load case 5)
Max Uplift 10=-160(load case 7), 2=-283(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/60, 2-3=-3518/1483, 3-4=-1359/687, 4-5=-1190/713, 5-6=-782/527, 6-7=-973/553, 7-8=-513/308, 8-9=-401/192, 9-10=-1005/473

BOT CHORD 15-16=-673/1355, 14-15=-359/908, 13-14=-359/908, 12-13=-318/720, 11-12=-598/302, 8-12=-103/117, 10-11=-12/25, 2-16=-1335/3076

WEBS 3-15=-403/335, 5-13=-251/166, 6-13=-59/269, 7-13=-111/179, 9-11=-351/731, 3-16=-726/1900, 5-15=-202/492, 7-12=-585/251

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JOINT STRESS INDEX

2 = 0.77, 3 = 0.74, 4 = 0.25, 5 = 0.58, 6 = 0.75, 7 = 0.41, 8 = 0.41, 9 = 0.56, 10 = 0.43, 11 = 0.69, 12 = 0.52, 13 = 0.56, 14 = 0.50, 15 = 0.48, 16 = 0.91, 17 = 0.33, 18 = 0.33, 19 = 0.33 and 20 = 0.33

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925233
L265561	T29	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 3x6 MT20 unless otherwise indicated.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 160 lb uplift at joint 10 and 283 lb uplift at joint 2.

LOAD CASE(S) Standard

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Truss Design Engineer
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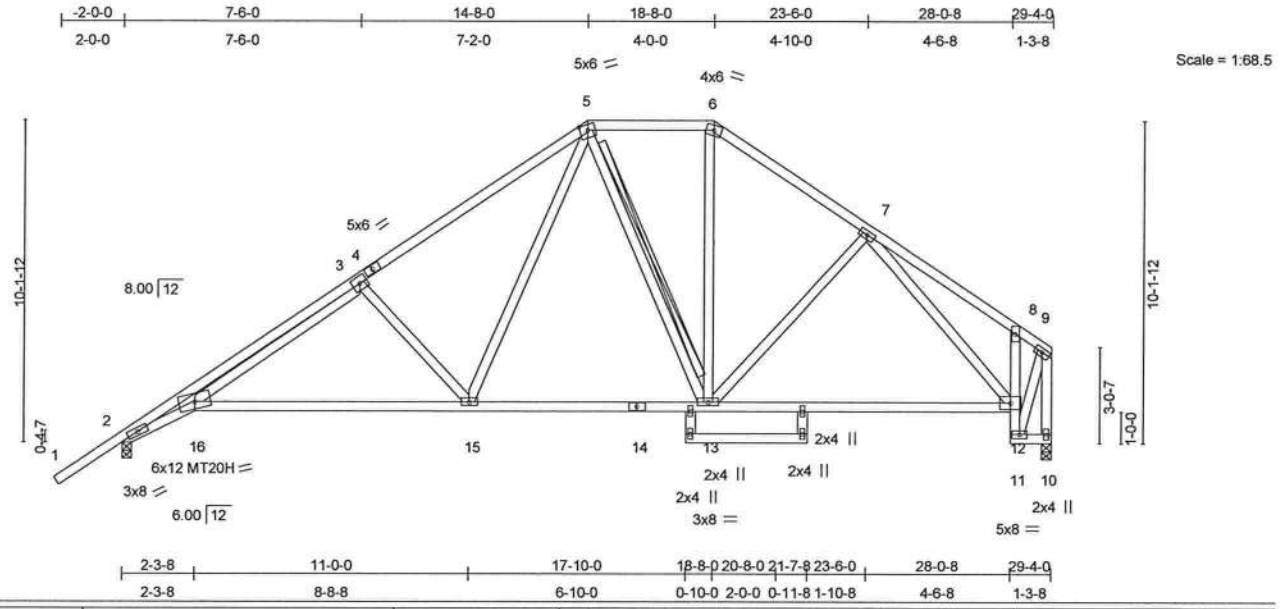
Boynton Beach, FL 33435

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925234
L265561	T30	SPECIAL	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:39:17 2008 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	0.70	Vert(LL)	0.39	15-16	>884	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.93	Vert(TL)	-0.80	15-16	>438	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.63	Horz(TL)	0.35	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 199 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except* 1-4 2 X 4 SYP No.1D

BOT CHORD 2 X 4 SYP No.2 *Except* 17-18 2 X 4 SYP No.3, 19-20 2 X 4 SYP No.3 8-11 2 X 4 SYP No.3, 2-16 2 X 4 SYP No.1D

WEBS 2 X 4 SYP No.3 *Except* 9-10 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-8-1 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 5-9-1 oc bracing.

WEBS T-Brace: 2 X 4 SYP No.3 - 5-13

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 10=925/0-3-8, 2=1054/0-3-8
Max Horz 2=295(load case 5)
Max Uplift 10=-171(load case 7), 2=-290(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/60, 2-3=-3521/1409, 3-4=-1291/671, 4-5=-1276/706, 5-6=-716/518, 6-7=-933/553, 7-8=-562/329, 8-9=-406/178, 9-10=-1022/459

BOT CHORD 15-16=-626/1284, 14-15=-257/778, 13-14=-257/778, 12-13=-322/762, 11-12=-595/324, 8-12=-143/174, 10-11=-11/25, 2-16=-1258/3081

WEBS 3-15=-458/389, 5-13=-251/183, 6-13=-175/282, 7-13=-108/171, 9-11=-367/745, 3-16=-685/1969, 5-15=-285/519, 7-12=-544/234

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JOINT STRESS INDEX

2 = 0.77, 3 = 0.76, 4 = 0.61, 5 = 0.63, 6 = 0.31, 7 = 0.41, 8 = 0.63, 9 = 0.57, 10 = 0.42, 11 = 0.70, 12 = 0.69, 13 = 0.62, 14 = 0.28, 15 = 0.46, 16 = 0.91, 17 = 0.33, 18 = 0.33, 19 = 0.33 and 20 = 0.33

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925234
L265561	T30	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 3x6 MT20 unless otherwise indicated.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 171 lb uplift at joint 10 and 290 lb uplift at joint 2.

LOAD CASE(S) Standard

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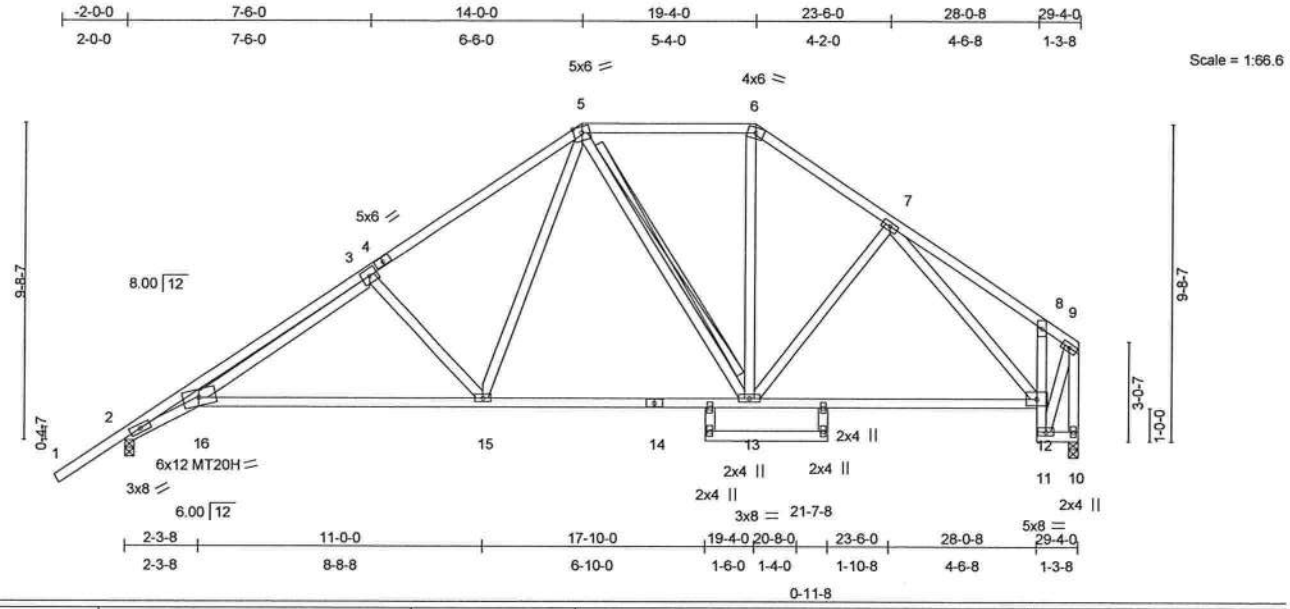
January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925235
L265561	T31	SPECIAL	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:39:18 2008 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	0.71	Vert(LL)	0.40	15-16	>880	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.83	Vert(TL)	-0.79	15-16	>441	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.63	Horz(TL)	0.35	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 196 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except* 1-4 2 X 4 SYP No.1D

BOT CHORD 2 X 4 SYP No.2 *Except* 17-18 2 X 4 SYP No.3, 19-20 2 X 4 SYP No.3 8-11 2 X 4 SYP No.3, 2-16 2 X 4 SYP No.1D

WEBS 2 X 4 SYP No.3 *Except* 9-10 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-7-11 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 5-8-12 oc bracing.

WEBS T-Brace: 2 X 4 SYP No.3 - 5-13

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 10=925/0-3-8, 2=1054/0-3-8
Max Horz 2=283(load case 5)
Max Uplift 10=-168(load case 7), 2=-288(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/60, 2-3=-3520/1425, 3-4=-1289/672, 4-5=-1274/703, 5-6=-735/519, 6-7=-940/561, 7-8=-566/343, 8-9=-401/180, 9-10=-1018/464

BOT CHORD 15-16=-622/1277, 14-15=-286/816, 13-14=-286/816, 12-13=-320/758, 11-12=-607/329, 8-12=-161/190, 10-11=-11/25, 2-16=-1272/3080

WEBS 3-15=-438/370, 5-13=-239/166, 6-13=-149/280, 7-13=-85/148, 9-11=-375/754, 3-16=-704/1975, 5-15=-261/496, 7-12=-540/217

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JOINT STRESS INDEX

2 = 0.77, 3 = 0.76, 4 = 0.54, 5 = 0.56, 6 = 0.37, 7 = 0.41, 8 = 0.58, 9 = 0.58, 10 = 0.42, 11 = 0.71, 12 = 0.57, 13 = 0.57, 14 = 0.27, 15 = 0.48, 16 = 0.91, 17 = 0.33, 18 = 0.33, 19 = 0.33 and 20 = 0.33

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925235
L265561	T31	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 3x6 MT20 unless otherwise indicated.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 168 lb uplift at joint 10 and 288 lb uplift at joint 2.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925236
L265561	T32	SPECIAL	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:39:19 2008 Page 1

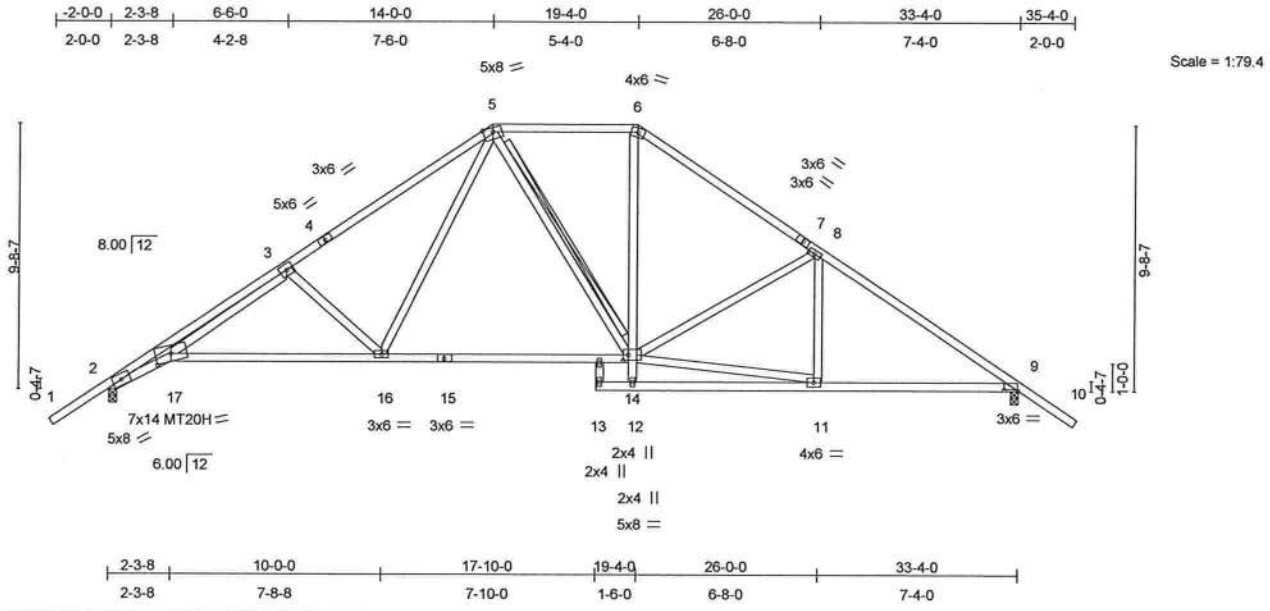

Plate Offsets (X,Y): [9:0-6-3,0-0-6], [14:0-2-8,0-2-8], [17:0-7-0,0-3-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.82	Vert(LL)	-0.38	16-17	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.93	Vert(TL)	-0.78	16-17	>506	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.35	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 202 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
13-18 2 X 4 SYP No.3, 2-17 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-14
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 9=1184/0-3-8, 2=1183/0-3-8
Max Horz 2=-260(load case 4)
Max Uplift 9=-304(load case 7), 2=-305(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/60, 2-3=-4051/1270, 3-4=-1636/752, 4-5=-1521/784, 5-6=-1028/631, 6-7=-1308/659, 7-8=-1325/627, 8-9=-1617/693, 9-10=0/62
BOT CHORD 16-17=-516/1616, 15-16=-180/1030, 14-15=-180/1030, 12-13=0/0, 11-12=-3/33, 9-11=-361/1246, 2-17=-914/3549
WEBS 3-17=-465/2140, 3-16=-479/366, 5-16=-229/551, 5-14=-157/181, 12-14=0/127, 6-14=-162/407, 8-14=-289/270, 8-11=-85/121, 11-14=-361/1231

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JOINT STRESS INDEX

2 = 0.83, 3 = 0.83, 4 = 0.27, 5 = 0.65, 6 = 0.56, 7 = 0.48, 8 = 0.41, 9 = 0.74, 11 = 0.51, 12 = 0.33, 13 = 0.33, 14 = 0.60, 15 = 0.42, 16 = 0.45, 17 = 0.78 and 18 = 0.33

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925236
L265561	T32	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 304 lb uplift at joint 9 and 305 lb uplift at joint 2.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925237
L265561	T33	SPECIAL	3	1	Job Reference (optional)

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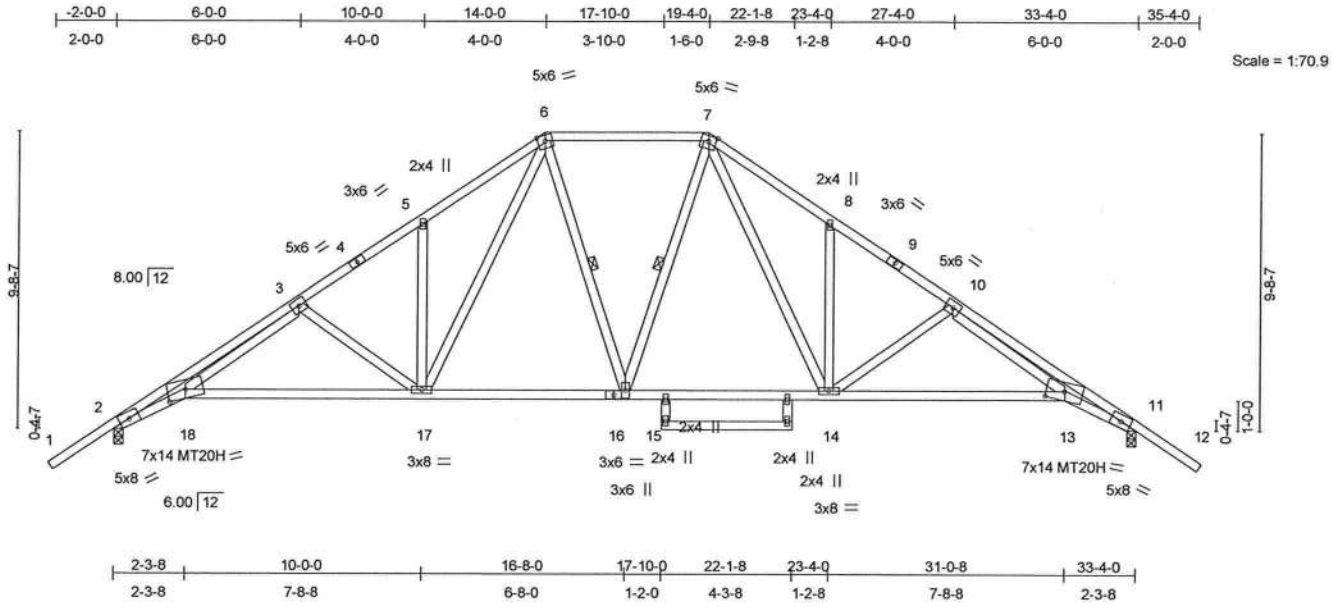

Plate Offsets (X,Y): [13:0-7-0,0-3-7], [18:0-7-0,0-3-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.35	13-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.90	Vert(TL)	-0.74	13-14	>536	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.55	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 221 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.1D *Except* 6-7 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D *Except* 19-20 2 X 4 SYP No.3, 20-21 2 X 4 SYP No.2 21-22 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-9-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-9-12 oc bracing.
WEBS 1 Row at midpt 6-15, 7-15

REACTIONS (lb/size) 2=1178/0-3-8, 11=1178/0-3-8
Max Horz 2=260(load case 5)
Max Uplift 2=-308(load case 6), 11=-308(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/60, 2-3=-4062/1272, 3-4=-1619/744, 4-5=-1549/761, 5-6=-1601/889, 6-7=-1013/628, 7-8=-1601/889, 8-9=-1549/761, 9-10=-1619/744, 10-11=-4062/1272, 11-12=0/60
BOT CHORD 17-18=-517/1620, 16-17=-176/1011, 15-16=-176/1011, 14-15=-139/1011, 13-14=-517/1620, 2-18=-916/3558, 11-13=-916/3558
WEBS 5-17=-187/197, 6-17=-369/646, 6-15=-116/154, 8-14=-187/197, 3-17=-411/271, 3-18=-454/2154, 10-14=-411/271, 10-13=-442/2154, 7-15=-113/150, 7-14=-369/646

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JOINT STRESS INDEX

2 = 0.84, 3 = 0.84, 4 = 0.29, 5 = 0.33, 6 = 0.38, 7 = 0.38, 8 = 0.33, 9 = 0.29, 10 = 0.84, 11 = 0.84, 13 = 0.76, 14 = 0.72, 15 = 0.34, 16 = 0.36, 17 = 0.72, 18 = 0.76, 19 = 0.33, 20 = 0.33, 21 = 0.33 and 22 = 0.33

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925237
L265561	T33	SPECIAL	3	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Bearing at joint(s) 2, 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 308 lb uplift at joint 2 and 308 lb uplift at joint 11.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925238
L265561	T34	SPECIAL	1	1	Job Reference (optional)

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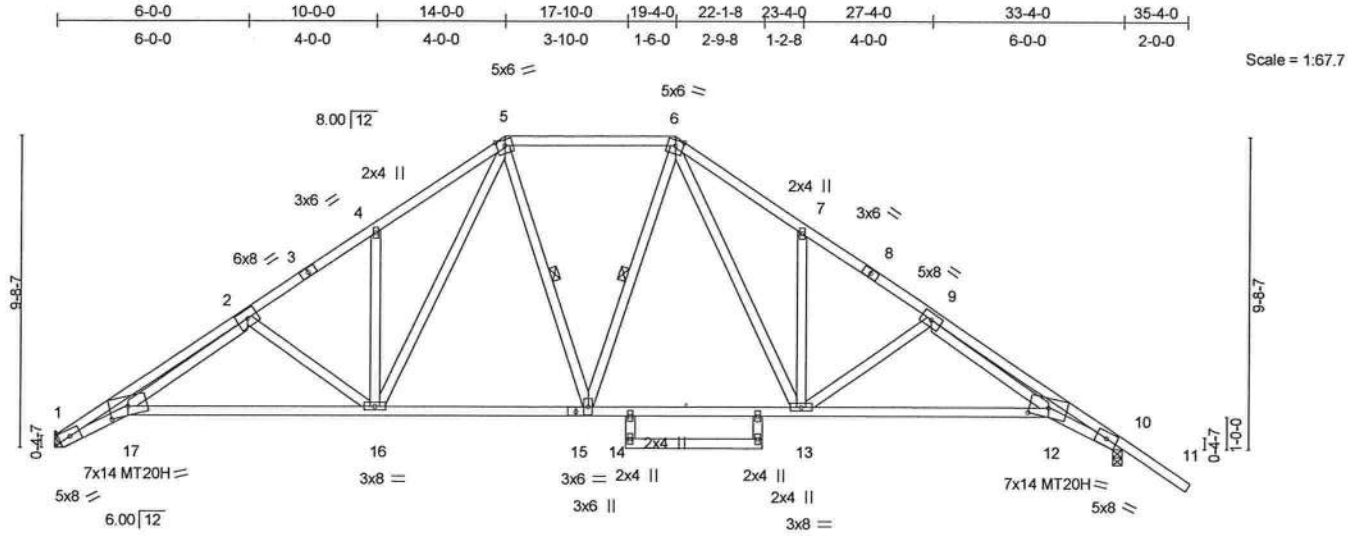

Simpson HTU26

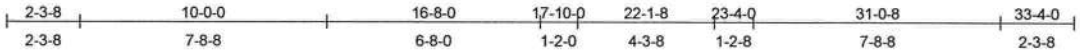

Plate Offsets (X,Y): [12:0-7-0,0-3-7], [17:0-7-0,0-3-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.83	Vert(LL)	-0.41	16-17	>977	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.94	Vert(TL)	-0.84	16-17	>470	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.61	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 217 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 18-19 2 X 4 SYP No.3, 20-21 2 X 4 SYP No.3 1-17 2 X 4 SYP No.1D, 10-12 2 X 4 SYP No.1D
WEBS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-1-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 5-14, 6-14

REACTIONS (lb/size) 1=1053/Mechanical, 10=1182/0-3-8
Max Horz 1=-287(load case 4)
Max Uplift 1=-210(load case 6), 10=-309(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-4328/1622, 2-3=-1641/776, 3-4=-1568/793, 4-5=-1620/918, 5-6=-1021/639, 6-7=-1609/902, 7-8=-1557/774, 8-9=-1628/757, 9-10=-4113/1303, 10-11=0/60
BOT CHORD	16-17=-575/1661, 15-16=-179/1020, 14-15=-179/1020, 13-14=-148/1017, 12-13=-528/1629, 1-17=-1265/3824, 10-12=-944/3606
WEBS	4-16=-184/192, 5-16=-394/663, 5-14=-118/156, 7-13=-188/198, 2-16=-440/313, 2-17=-746/2389, 9-13=-413/272, 9-12=-460/2196, 6-14=-114/149, 6-13=-371/648

JOINT STRESS INDEX

1 = 0.90, 2 = 0.63, 3 = 0.30, 4 = 0.34, 5 = 0.40, 6 = 0.39, 7 = 0.34, 8 = 0.31, 9 = 0.65, 10 = 0.87, 12 = 0.77, 13 = 0.74, 14 = 0.35, 15 = 0.37, 16 = 0.76, 17 = 0.81, 18 = 0.34, 19 = 0.34, 20 = 0.34 and 21 = 0.34

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

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Boynton Beach, FL 33435

January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	0 0 J1925238
L265561	T34	SPECIAL	1	1	Job Reference (optional)

NOTES

3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 1 and 309 lb uplift at joint 10.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925239
L265561	T35	HIP	1	1	Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 17:39:23 2008 Page 1

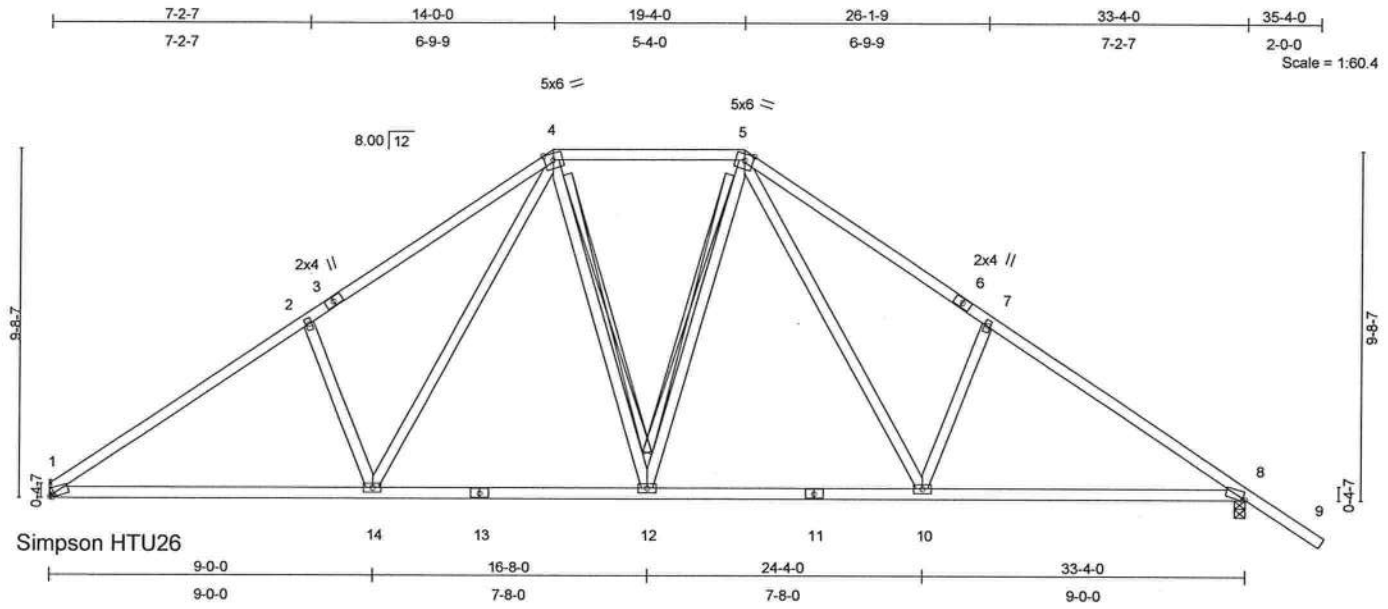

Plate Offsets (X,Y): [1:0-0-12,Edge], [6:0-0-0,0-0-0], [8:0-0-12,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.14	1-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.30	1-14	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.66	Horz(TL)	0.06	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 185 lb	

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

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

REACTIONS (lb/size) 1=1054/Mechanical, 8=1182/0-3-8
Max Horz 1=-286(load case 4)
Max Uplift 1=-210(load case 6), 8=-309(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1621/749, 2-3=-1482/830, 3-4=-1460/859, 4-5=-924/631, 5-6=-1352/827, 6-7=-1460/798, 7-8=-1602/722, 8-9=0/62
BOT CHORD 1-14=-418/1261, 13-14=-162/916, 12-13=-162/916, 11-12=-138/913, 10-11=-138/913, 8-10=-387/1238
WEBS 2-14=-336/345, 4-14=-326/477, 4-12=-120/173, 5-12=-123/178, 5-10=-282/447, 7-10=-320/323

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd.
Boynton Beach, FL 33435

JOINT STRESS INDEX
1 = 0.80, 2 = 0.33, 3 = 0.50, 4 = 0.59, 5 = 0.59, 6 = 0.50, 7 = 0.33, 8 = 0.80, 10 = 0.47, 11 = 0.32, 12 = 0.50, 13 = 0.32 and 14 = 0.47

Continued on page 2

January 10,2008

Job	Truss	Truss Type	Qty	Ply	0 0 J1925239
L265561	T35	HIP	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 1 and 309 lb uplift at joint 8.

LOAD CASE(S) Standard

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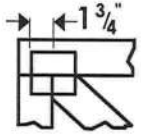
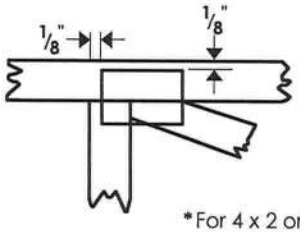
January 10,2008

Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

PLATE SIZE

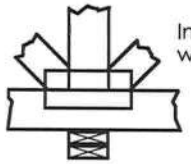
4 x 4

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

LATERAL BRACING

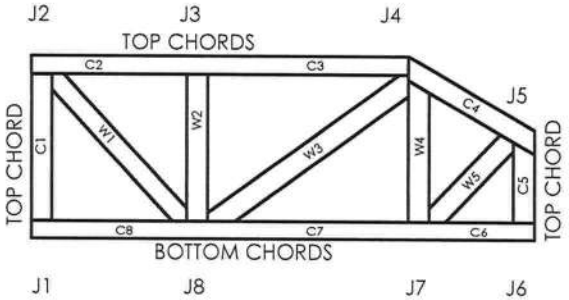
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

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

MiTek®

TEE-LOK®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

ASCE 7-02: 130 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 4"	6' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"
		#3	3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 1"	10' 1"	12' 11"	12' 11"
		STUD	3' 3"	4' 11"	4' 11"	6' 5"	6' 5"	8' 3"	8' 3"	10' 0"	10' 0"	12' 11"	12' 11"
		STANDARD	3' 3"	4' 2"	4' 2"	5' 6"	5' 6"	7' 5"	7' 5"	8' 8"	8' 8"	11' 8"	11' 8"
	SP DFL	#1	3' 8"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"
		#2	3' 7"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"
		#3	3' 6"	5' 0"	5' 0"	6' 8"	6' 8"	8' 3"	8' 8"	10' 4"	10' 4"	12' 11"	13' 7"
		STUD	3' 6"	5' 0"	5' 0"	6' 7"	6' 7"	8' 3"	8' 8"	10' 3"	10' 3"	12' 11"	13' 7"
		STANDARD	3' 4"	4' 3"	4' 3"	5' 8"	5' 8"	7' 8"	7' 8"	8' 10"	8' 10"	12' 0"	12' 0"
16" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 6"	9' 8"	12' 6"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 6"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 10"	6' 10"	9' 2"	9' 2"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 2"	9' 6"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 5"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 3"	7' 4"	7' 7"	8' 9"	8' 11"	10' 6"	10' 8"	13' 8"	14' 0"	14' 0"	14' 0"
		#3	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 8"	13' 8"	14' 0"	14' 0"
		STUD	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 6"	13' 8"	14' 0"	14' 0"
		STANDARD	4' 2"	6' 11"	6' 11"	7' 10"	7' 10"	10' 5"	10' 5"	12' 3"	12' 3"	14' 0"	14' 0"
	SP DFL	#1	4' 8"	7' 4"	7' 11"	8' 9"	9' 5"	10' 5"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"
		#2	4' 7"	7' 4"	7' 11"	8' 9"	9' 5"	10' 6"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 2"	7' 2"	8' 9"	9' 2"	10' 5"	10' 11"	13' 6"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 1"	7' 1"	8' 9"	9' 2"	10' 6"	10' 11"	13' 8"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 3"	6' 1"	6' 1"	8' 0"	8' 0"	10' 5"	10' 8"	12' 6"	12' 6"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

SOUTHERN PINE
#3
STUD
STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#3
#2

DOUGLAS FIR-LARCH
#1
#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER CONTINUOUS BEARING (& PSF TC DEAD LOAD).

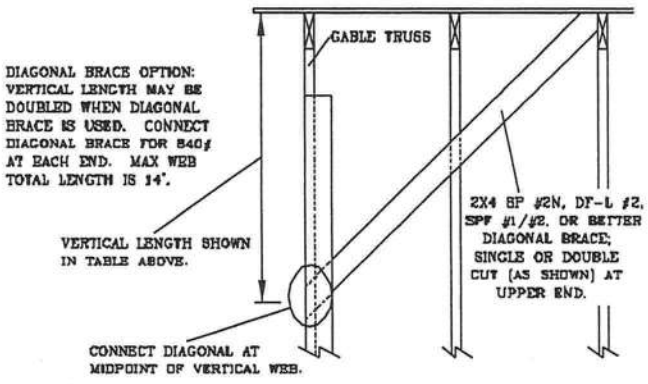
GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

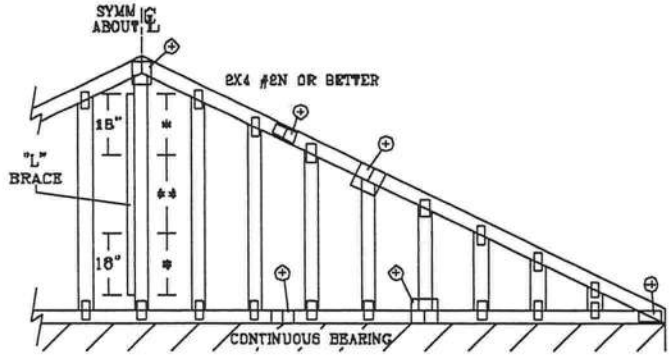
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 8" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 60% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 8"	2X4
GREATER THAN 11' 8"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB13015
DATE	11/26/03
DRWG	MITEK STD GABLE 15 E HT
-ENG	

ASCE 7-02: 130 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 2"	5' 6"	6' 8"	6' 6"	6' 9"	7' 10"	8' 0"	10' 3"	10' 7"	12' 3"	12' 7"
		#3	3' 1"	4' 5"	4' 5"	5' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STUD	3' 1"	4' 5"	4' 5"	5' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STANDARD	2' 11"	3' 9"	3' 9"	5' 0"	5' 0"	6' 9"	6' 9"	7' 10"	7' 10"	10' 7"	10' 7"
	SP DFL	#1	3' 6"	5' 6"	5' 11"	6' 8"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"
		#2	3' 6"	5' 6"	5' 11"	6' 6"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"
		#3	3' 3"	4' 6"	4' 6"	6' 0"	6' 0"	7' 10"	8' 1"	9' 4"	9' 4"	12' 3"	12' 8"
		STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 8"
		STANDARD	3' 0"	3' 10"	3' 10"	6' 1"	5' 1"	8' 11"	8' 11"	8' 0"	8' 0"	10' 10"	10' 10"
16" O.C.	SPF HF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
		#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"
		STUD	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
		STANDARD	3' 7"	4' 8"	4' 8"	6' 2"	6' 2"	8' 3"	8' 3"	9' 7"	9' 7"	12' 11"	12' 11"
	SP DFL	#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#3	3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 6"	11' 5"	11' 6"	14' 0"	14' 0"
		STUD	3' 9"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	14' 0"
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	13' 3"
12" O.C.	SPF HF	#1 / #2	4' 0"	6' 11"	7' 2"	8' 3"	8' 6"	9' 10"	10' 1"	12' 11"	13' 4"	14' 0"	14' 0"
		#3	3' 11"	6' 3"	6' 3"	8' 3"	8' 3"	9' 10"	9' 10"	12' 11"	12' 11"	14' 0"	14' 0"
		STUD	3' 11"	6' 3"	6' 3"	8' 3"	8' 3"	9' 10"	9' 10"	12' 10"	12' 10"	14' 0"	14' 0"
		STANDARD	3' 11"	5' 4"	5' 4"	7' 1"	7' 1"	9' 6"	9' 6"	11' 1"	11' 1"	14' 0"	14' 0"
	SP DFL	#1	4' 5"	6' 11"	7' 5"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#2	4' 4"	6' 11"	7' 6"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#3	4' 2"	6' 5"	6' 5"	8' 3"	8' 6"	9' 10"	10' 4"	12' 11"	13' 3"	14' 0"	14' 0"
		STUD	4' 2"	6' 4"	6' 4"	8' 3"	8' 6"	9' 10"	10' 4"	12' 11"	13' 1"	14' 0"	14' 0"
		STANDARD	4' 0"	5' 6"	5' 6"	7' 3"	7' 3"	9' 9"	9' 9"	11' 4"	11' 4"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

SOUTHERN PINE
#3
STUD
STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 180 PLF OVER CONTINUOUS BEARING (6 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

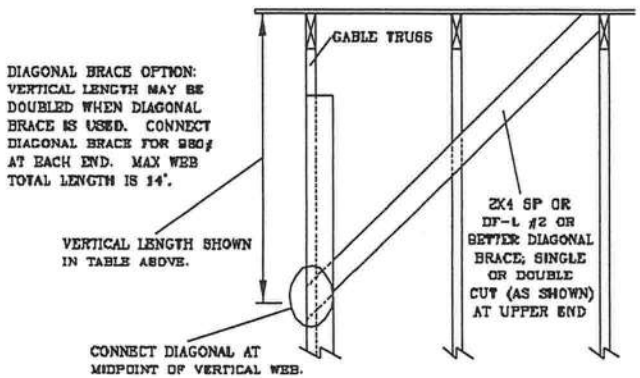
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 8" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

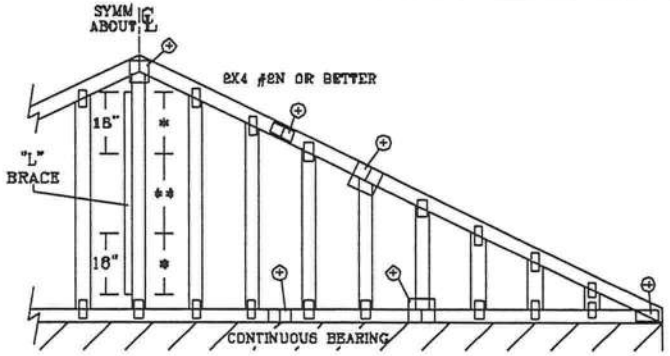
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1456 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

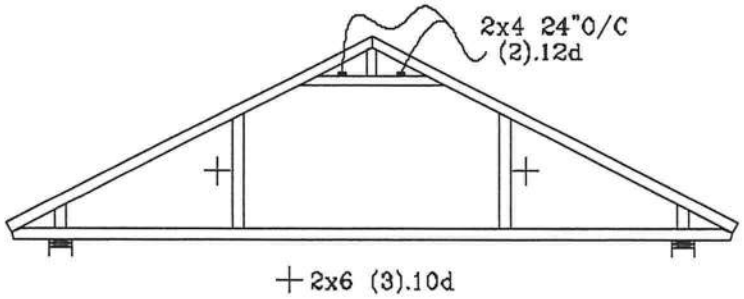
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

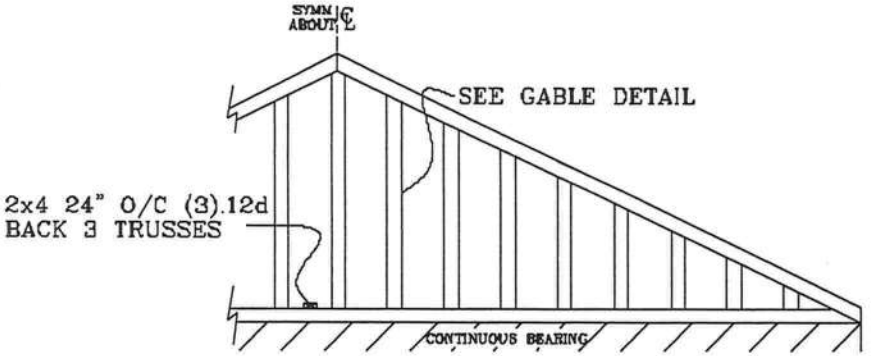
MAX. SPACING 24.0"

REF ASCE7-02-GAB13030
DATE 11/26/03
DWG MITEK STD GABLE 30' E W7
-ENG

TYPICAL ATTIC TRUSS BRACING

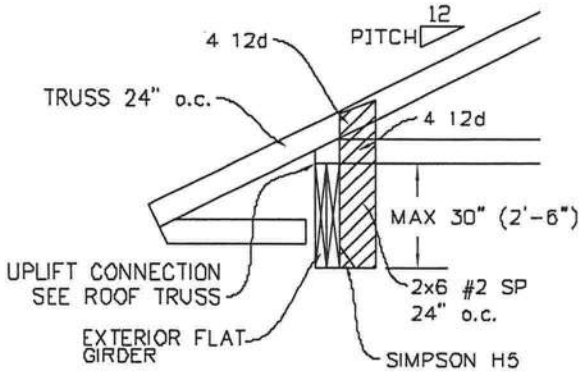


GABLE END TRUSS DETAIL

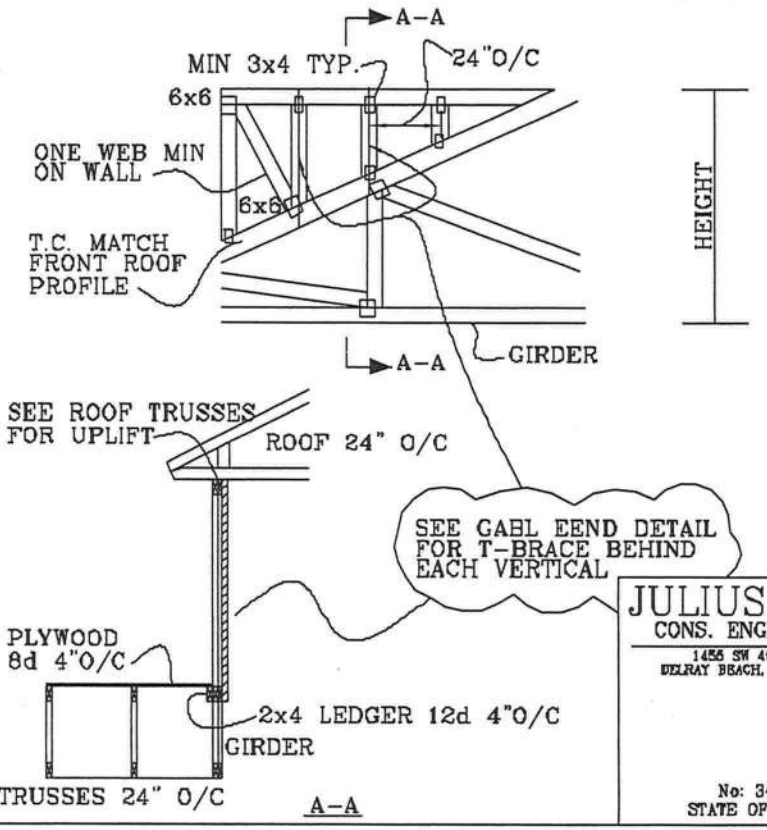


MINIMUN BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



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STATE OF FLORIDA

PIGGYBACK DETAIL

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

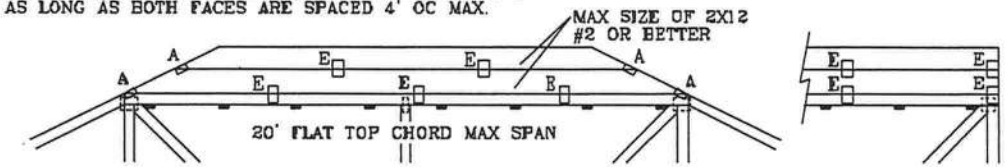
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

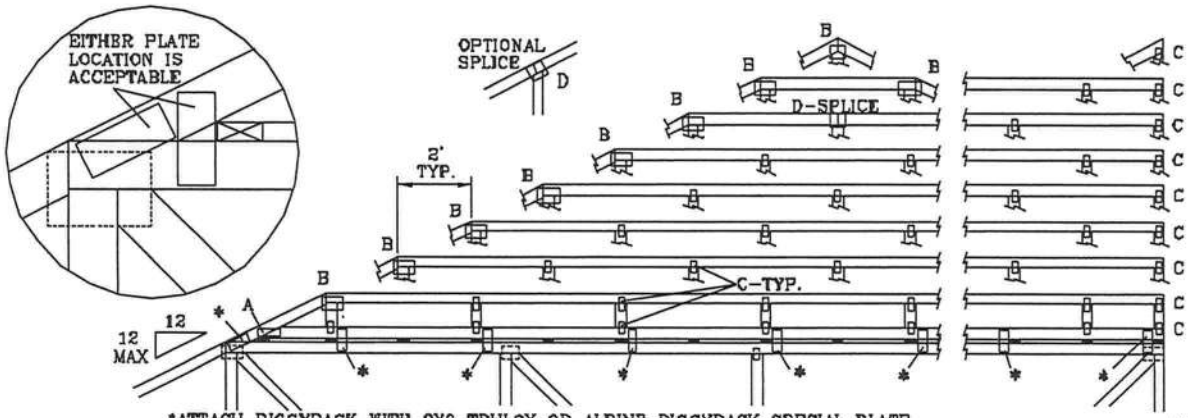
110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST
CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, FBC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL=5 PSF, WIND BC DL=5 PSF

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.





*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

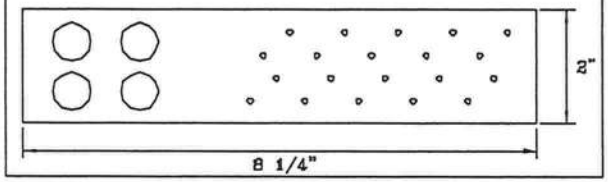
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X8 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (6) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4" OC.

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

xxWARNINGxx TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 537199) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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No: 34869
STATE OF FLORIDA

MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

REF PIGGYBACK
DATE 09/12/07
DRWG MITEK STD PIGGY
-ENG JL

VALLEY TRUSS DETAIL

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (3) 16d FOR ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

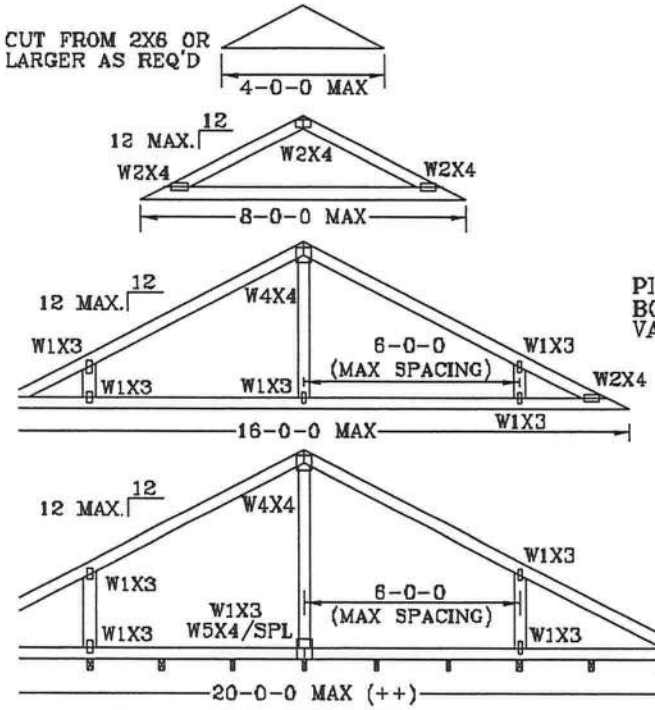
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION
OR
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

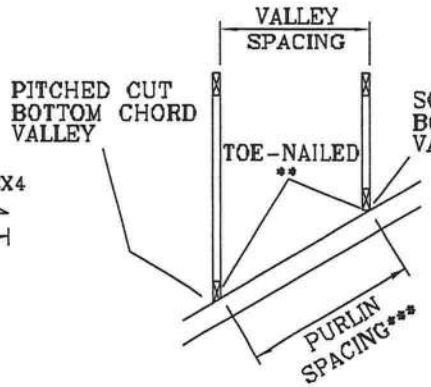
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

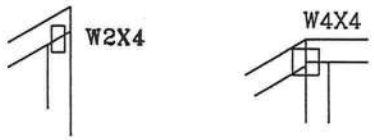
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

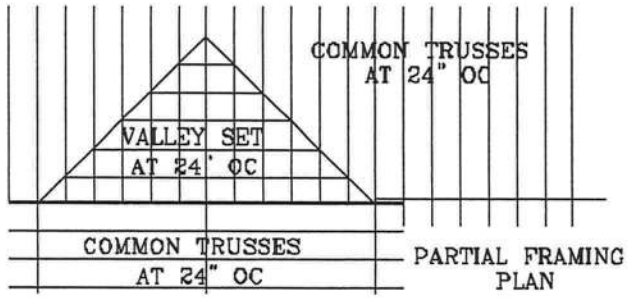
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.







THIS DRAWING REPLACES DRAWING A105

xxWARNINGxx TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	20	20	PSF	REF VALLEY DETAIL
TC DL	7	15	PSF	DATE 11/26/03
BC DL	5	5	PSF	DRWG VALTRUSS1103
BC LL	0	0	PSF	-ENG JL
TOT. LD.	32	40	PSF	
DUR.FAC. 1.25		1.25		
SPACING		24"		

TOE-NAIL DETAIL

TOE-NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE-THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 - EDGE DISTANCE, END DISTANCE, SPACING: "EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD."

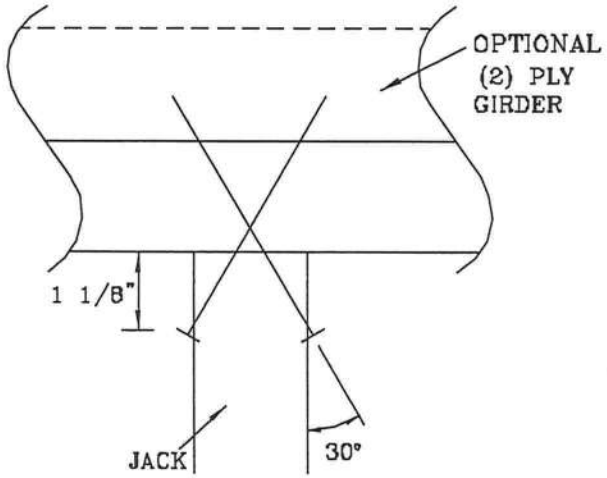
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

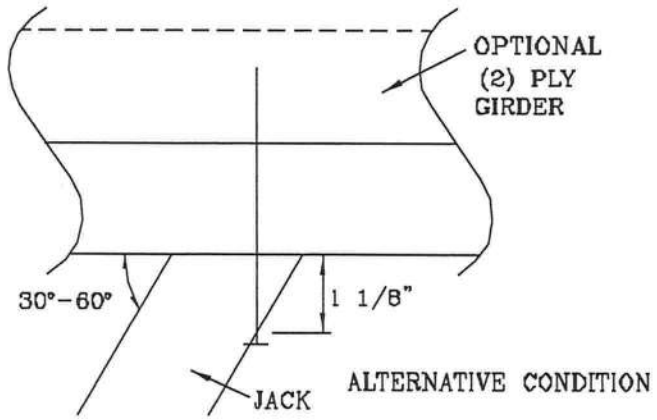
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"X3.5") COMMON TOE-NAILS

NUMBER OF TOE-NAILS	SOUTHERN PINE		DOUGLAS FIR-LARCH		HEM-FIR		SPRUCE PINE FIR	
	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES
2	197#	256#	181#	234#	156#	203#	154#	199#
3	296#	383#	271#	351#	234#	304#	230#	298#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#

ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR.





ALTERNATIVE CONDITION

THIS DRAWING REPLACES DRAWING 784040

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONAIL1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

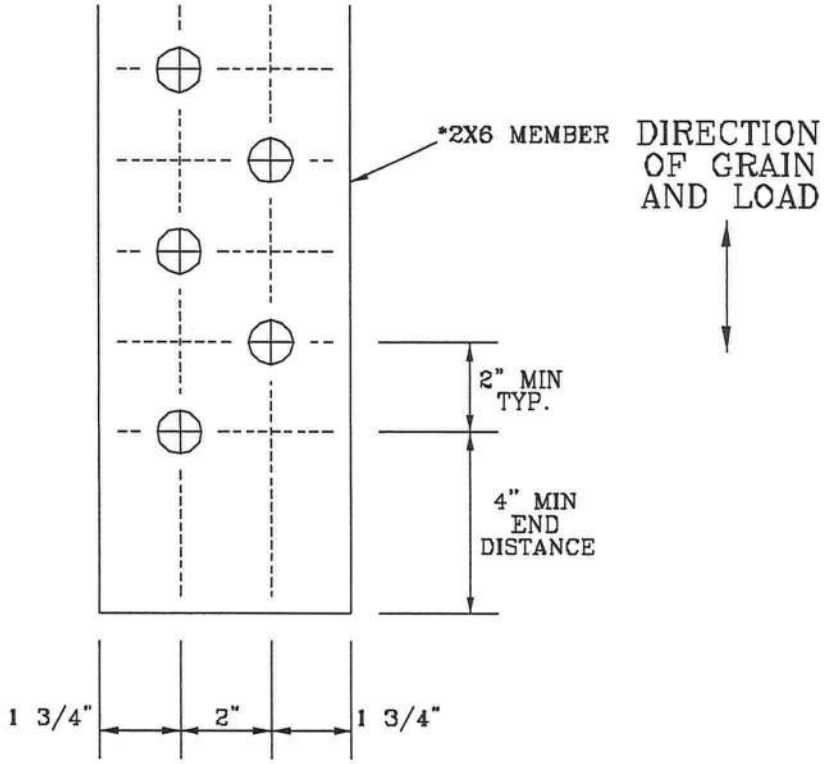
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

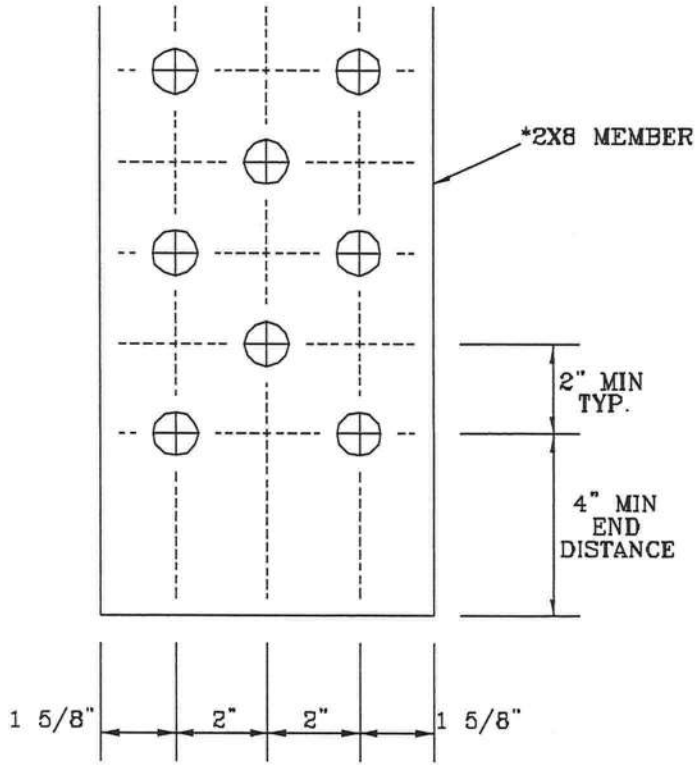
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



2X6 DETAIL



2X8 DETAIL

THIS DRAWING REPLACES DRAWING A628.016

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	BOLT SPACING
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	CNBOLTSP1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

TRULOX CONNECTION DETAIL

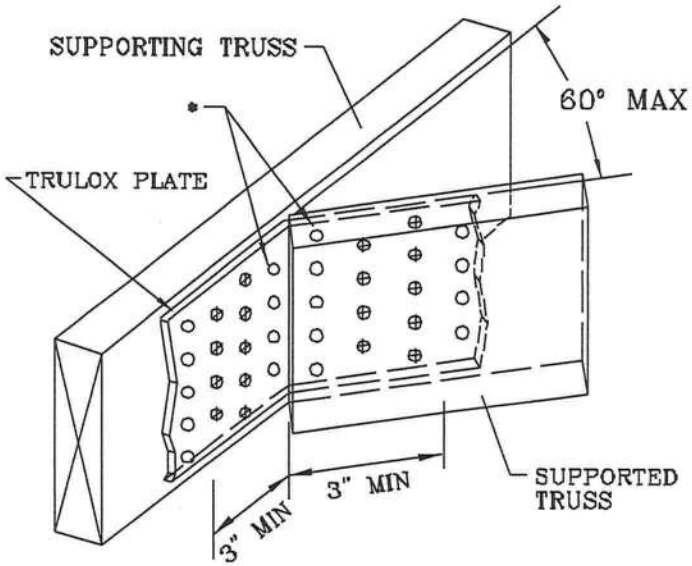
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

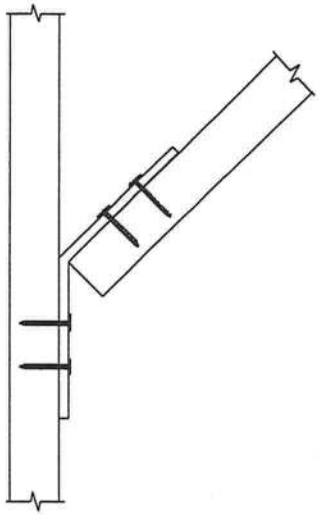
THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

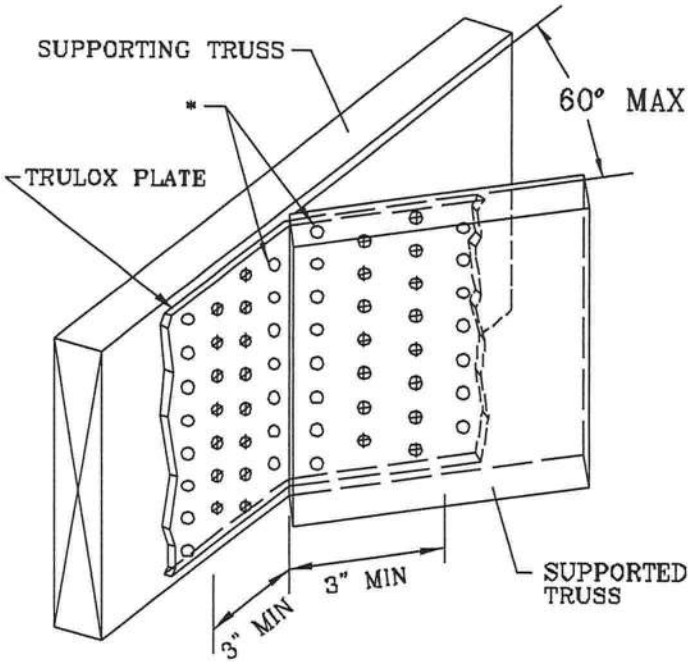
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



MINIMUM 3X6 TRULOX PLATE





MINIMUM 5X6 TRULOX PLATE

TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
5X6	15	990#

THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,989/R 1,154,944 1,152,217 1,152,017 1,159,154 & 1,151,524

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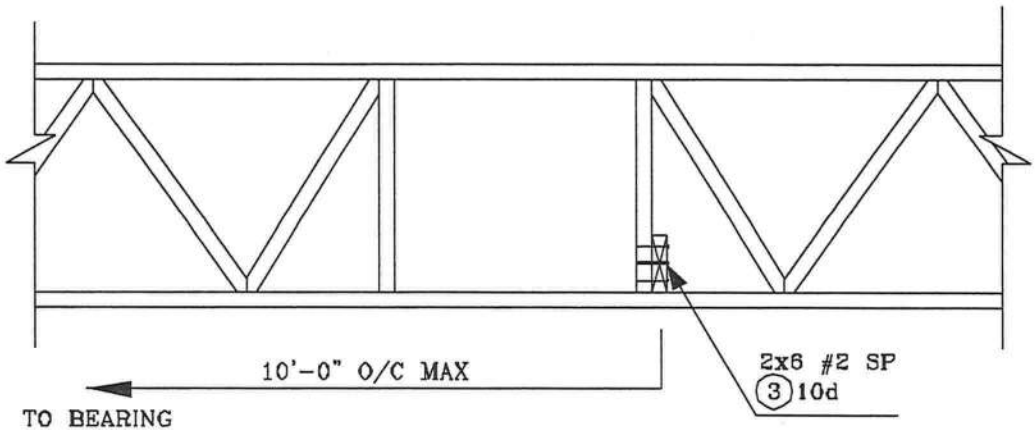
DELRAY BEACH, FL 33444-2161

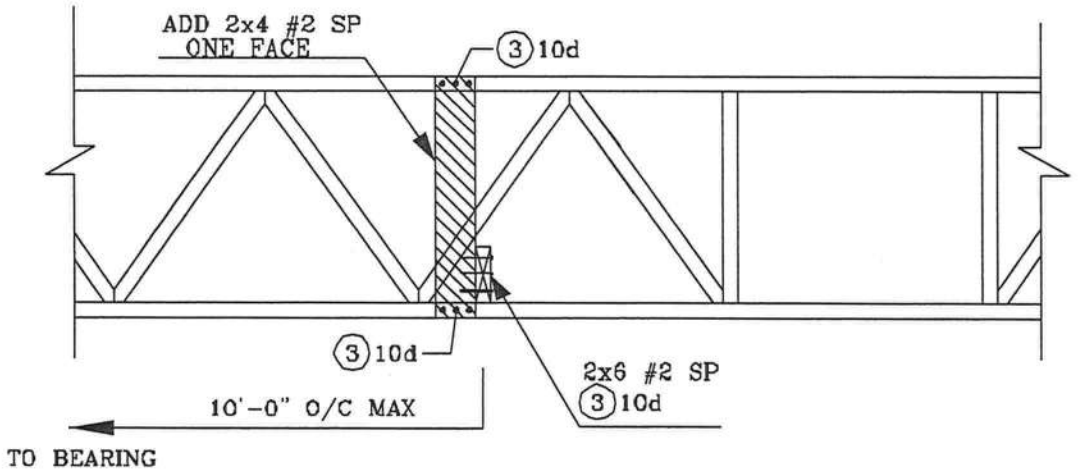
No: 34869
STATE OF FLORIDA

REF	TRULOX
DATE	11/26/03
DRWG	CNTRULOX1103
-ENG	JL

STRONG BACK DETAIL
SYSTEM-42 OR FLAT TRUSS



ALTERNATE DETAIL FOR
STRONG BACK WITH VERTICAL
NOT LINING UP



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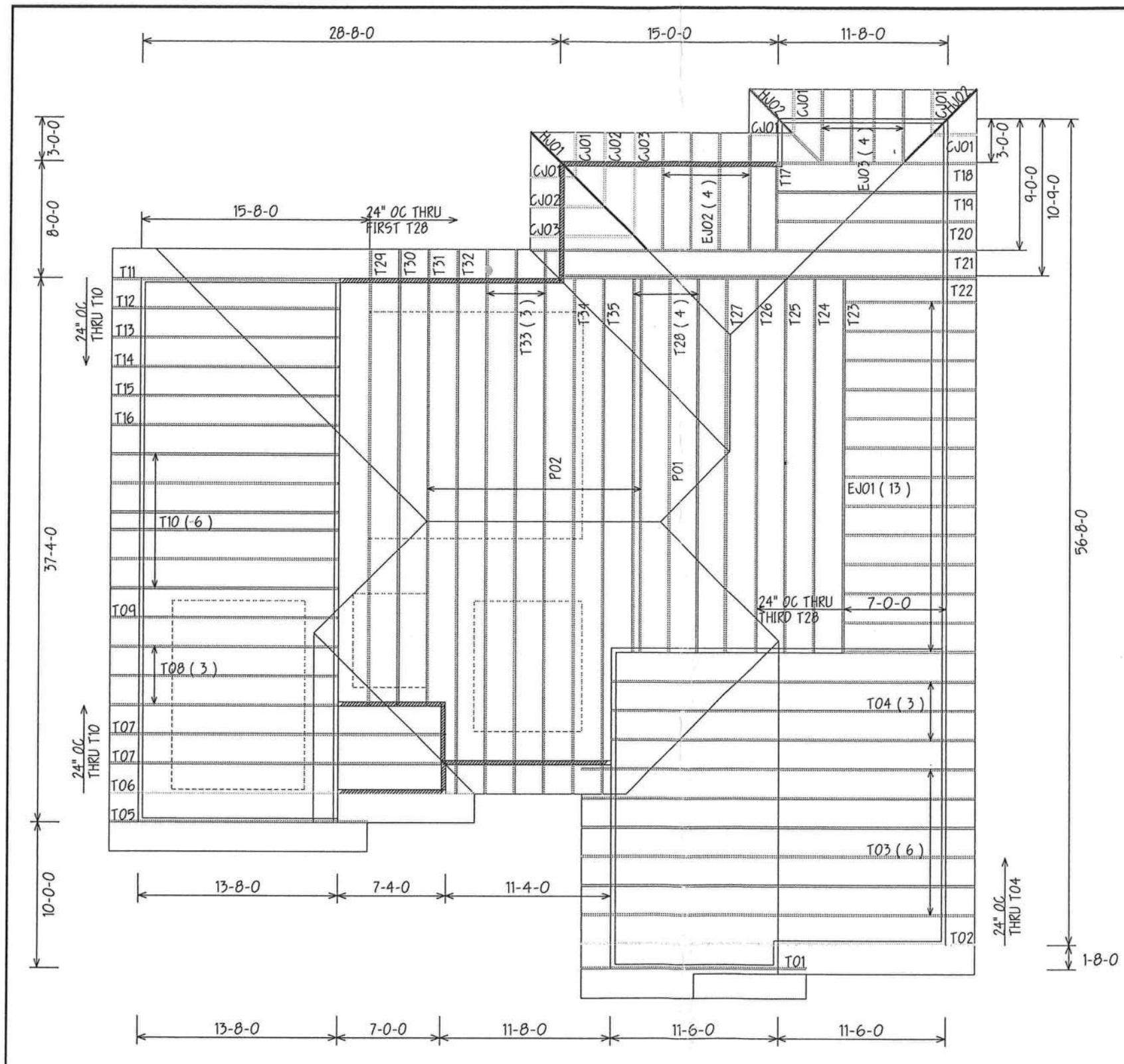


BEARING HEIGHT SCHEDULE

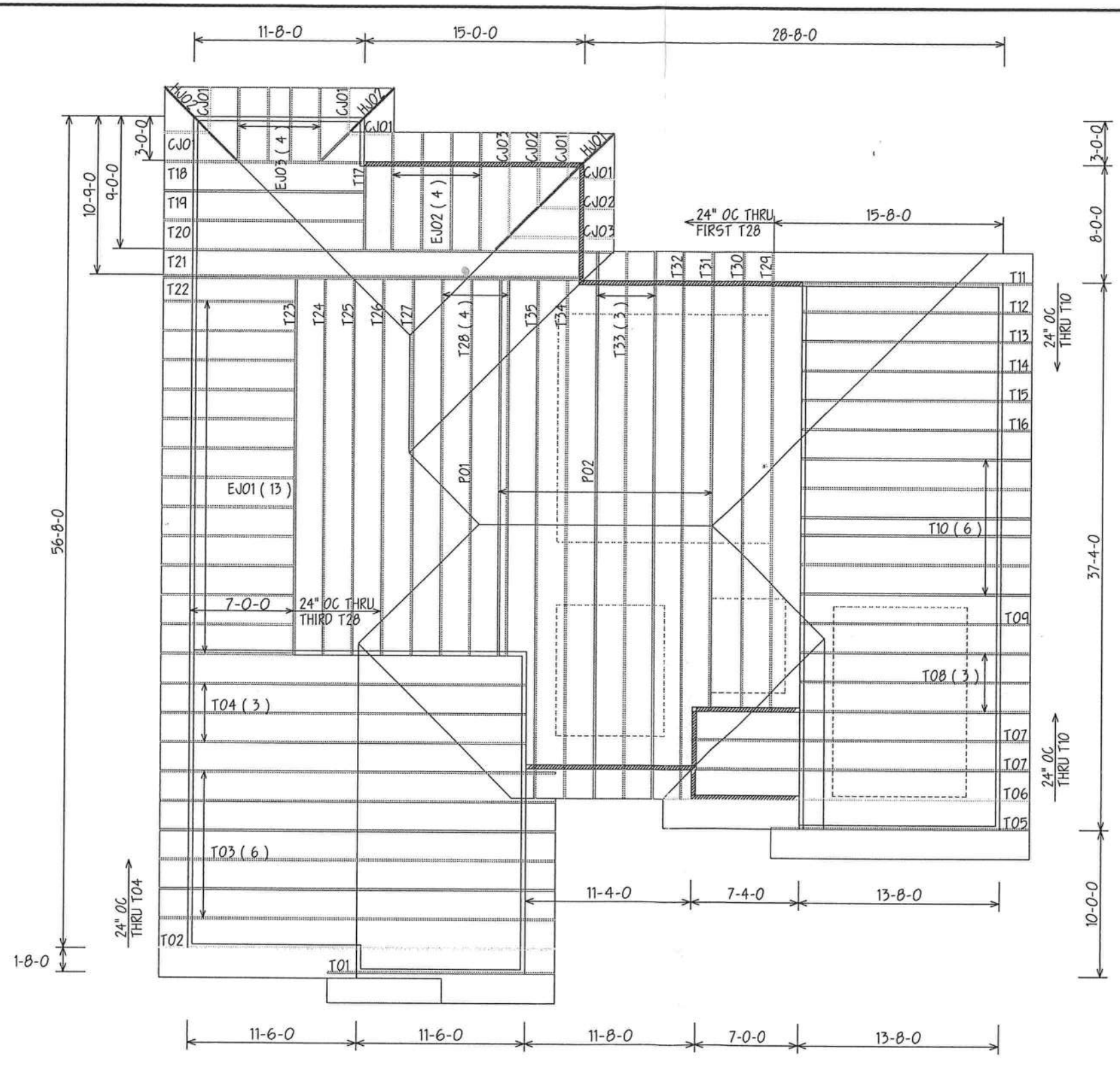
- 8' 1-1/8"
- 10' 1-1/8"

NOTES:

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

Builders FirstSource
Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1473
Bunnell
PHONE: 386-437-3349 FAX: 386-437-3994
Lake City
PHONE: 386-755-6894 FAX: 386-755-7473
Sanford
PHONE: 407-322-0059 FAX: 407-322-5553
Freeport
PHONE: 850-835-4541 FAX: 850-835-6835
Treasure Coast
PHONE: 772-468-8160 FAX: 772-468-8181
Tampa
PHONE: 813-621-9851 FAX: 813-628-8936

BUILDER:	COMPASS BUILDERS
LEGAL ADDRESS:	LOT 48 ROLLING MEADOWS
MODEL: KEZIA	REVISION:
SCALE: NTS	
DATE: 01/10/08	DRAWN BY: GEB
JOB #: L265561	



BEARING HEIGHT SCHEDULE

8' 1-1/8"

10' 1-1/8"

NOTES:

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

2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V105 FOR ALTERNATE BRACING REQUIREMENTS.

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

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

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

6) ST42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

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

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BUILDER:	COMPASS BUILDERS
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