

Columbia County Building Permit Application

CP# 10448

For Office Use Only Application # 0610-54 Date Received 10/18 By JW Permit # 1248/25160
 Application Approved by - Zoning Official BZK Date 20.10.06 Plans Examiner DK Date 10-26-06
 Flood Zone Xp replt Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES Low Dev.
 Comments _____
 NOC EH Deed or PA Site Plan State Road Info Parent Parcel # Development Permit

Name Authorized Person Signing Permit Jacob Kirsch Fax 386-752-5047
 Address 197 SW Waterford ct. #106 L.C. 21 32024 Phone 386-344-4817
 Owners Name Compass Builders PROOF OF OWNERSHIP Phone 386-755-2082
 911 Address 439 SW Callaway dr. Lake City. FL 32024
 Contractors Name Jacob Kirsch Phone 386-344-4817
 Address 197 SW Waterford ct. #106, L.C. 21 32024
 Fee Simple Owner Name & Address Compass Builders
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address _____
 Mortgage Lenders Name & Address Columbia Bank, 173 NW Hillsboro st. 32025
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 15-43-16-03023-243 Estimated Cost of Construction 92,000
 Subdivision Name Callaway Lot 43 Block _____ Unit _____ Phase 2
 Driving Directions Hwy 247 S. TL callahan, TL callaway dr. lot on left at cul-de-sac

Type of Construction Wood frame - Hardi Plank - SFD Number of Existing Dwellings on Property 0
 Total Acreage .65 Lot Size .65 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 5'5" Side 25' Side 40' Rear 46'
 Total Building Height 27'4" Number of Stories 1 Heated Floor Area 1861 Roof Pitch 8/12
TOTAL 2519

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

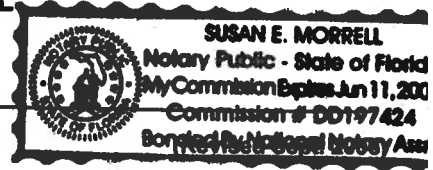
Jacob Kirsch
Owner Builder or Authorized Person by Notarized Letter

Jacob Kirsch
Contractor Signature
Contractors License Number CBC 1253775
Competency Card Number _____
NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 18th day of October 2006.
Personally known or Produced Identification _____

Susan E. Morrell
Notary Signature



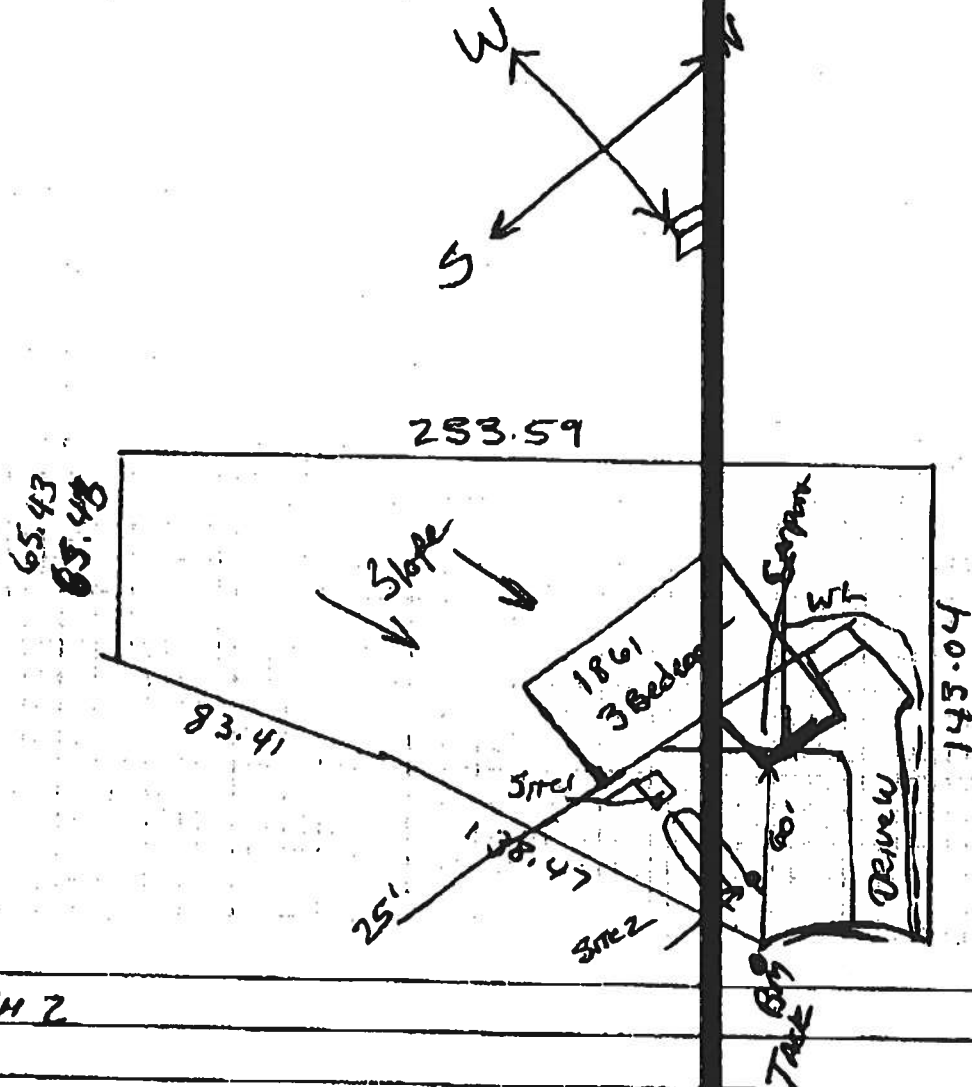


STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0911N

PART II - SITE PLAN

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



Notes:

LOT 43 PH 2
Callaway

Site Plan submitted by: Robert Deal
Signature
Plan Approved Not Approved
By Mr. Deal

Agan
Title
Date 10/12/06

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Columbia County Property Appraiser

DB Last Updated: 10/4/2006

2006 Proposed Values

Parcel: 15-4S-16-03023-243

[Tax Record](#) |
 [Property Card](#) |
 [Interactive GIS Map](#) |
 [Print](#)

Owner & Property Info

Search Result: 1 of 1

Owner's Name	CHARLOTIN MILDRED B &
Site Address	CALLAWAY PHASE 2
Mailing Address	JOCELYN (DECEASED) 102 NORTHWEST 100TH ST MIAMI SHORES, FL 33150
Description	LOT 43 CALLAWAY S/D PHASE 2. 930-965, WD 1042-1774, CORR WD 1043-1831, DC 1063-917

Use Desc. (code)	VACANT (000000)
Neighborhood	15416.00
Tax District	3
UD Codes	MKTA06
Market Area	06
Total Land Area	0.650 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$34,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$34,000.00

Just Value	\$34,000.00
Class Value	\$0.00
Assessed Value	\$34,000.00
Exempt Value	\$0.00
Total Taxable Value	\$34,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/18/2005	1042/1774	WD	V	U	08	\$25,000.00
6/29/2001	930/965	WD	V	Q		\$19,900.00

Building Characteristics

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

Extra Features & Out Buildings

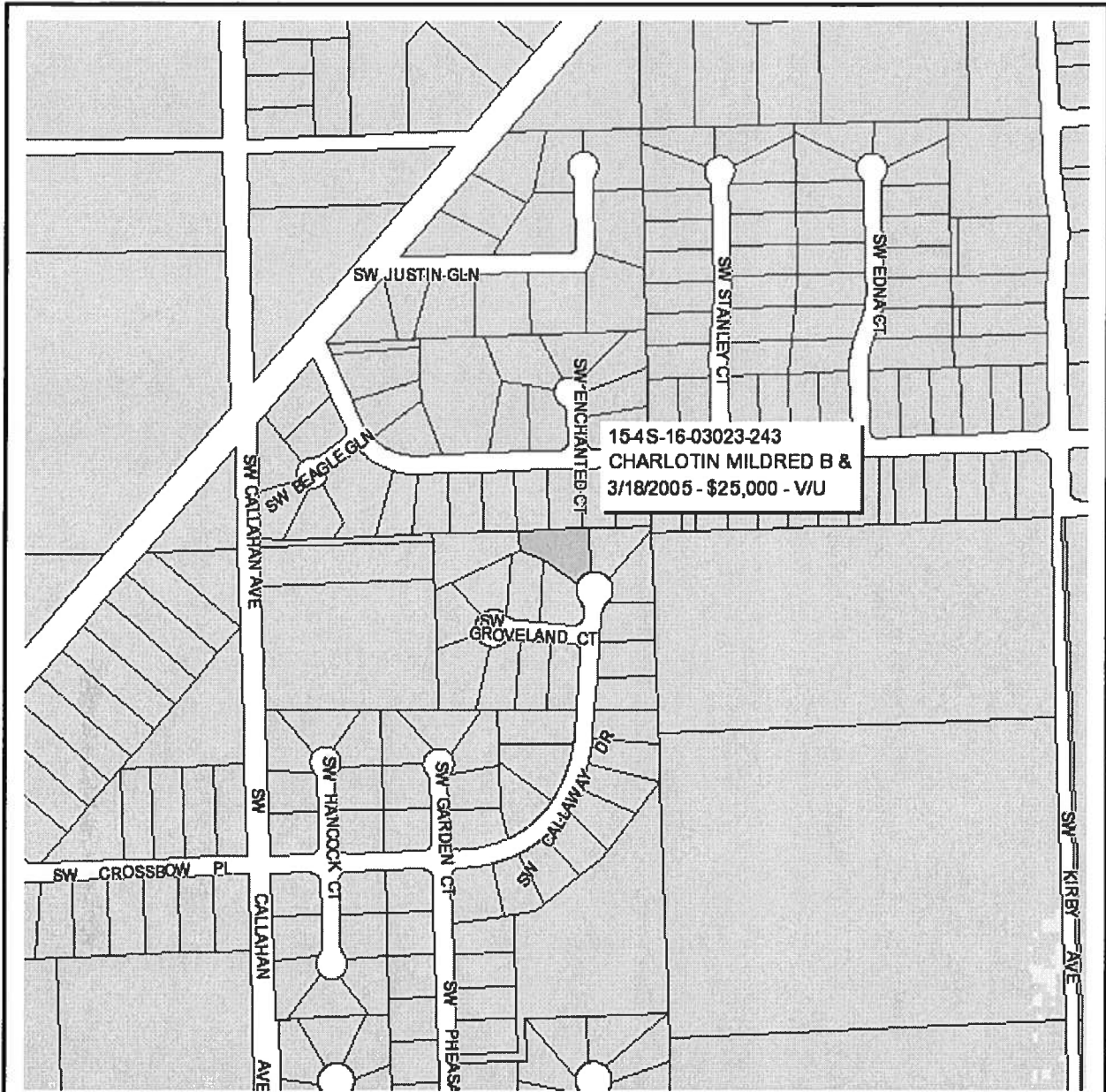
Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.650AC)	1.00/1.00/1.00/1.00	\$34,000.00	\$34,000.00

Columbia County Property Appraiser

DB Last Updated: 10/4/2006



154S-16-03023-243
 CHARLOTIN MILDRED B &
 3/18/2005 - \$25,000 - V/U

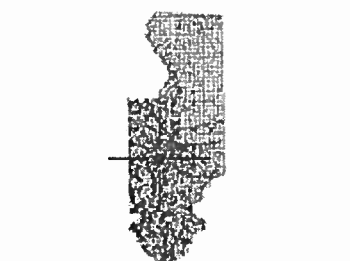
Columbia County Property Appraiser

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

PARCEL: 15-4S-16-03023-243 - VACANT (000000)

Name: CHARLOTIN MILDRED B &	LandVal	\$34,000.00
Site: CALLAWAY PHASE 2	BldgVal	\$0.00
JOCELYN (DECEASED)	ApprVal	\$34,000.00
Mail: 102 NORTHWEST 100TH ST	JustVal	\$34,000.00
MIAMI SHORES, FL 33150	Assd	\$34,000.00
Sales 3/18/2005 \$25,000.00 V / U	Exmpt	\$0.00
Info 6/29/2001 \$19,900.00 V / Q	Taxable	\$34,000.00

0 220 440 660 ft

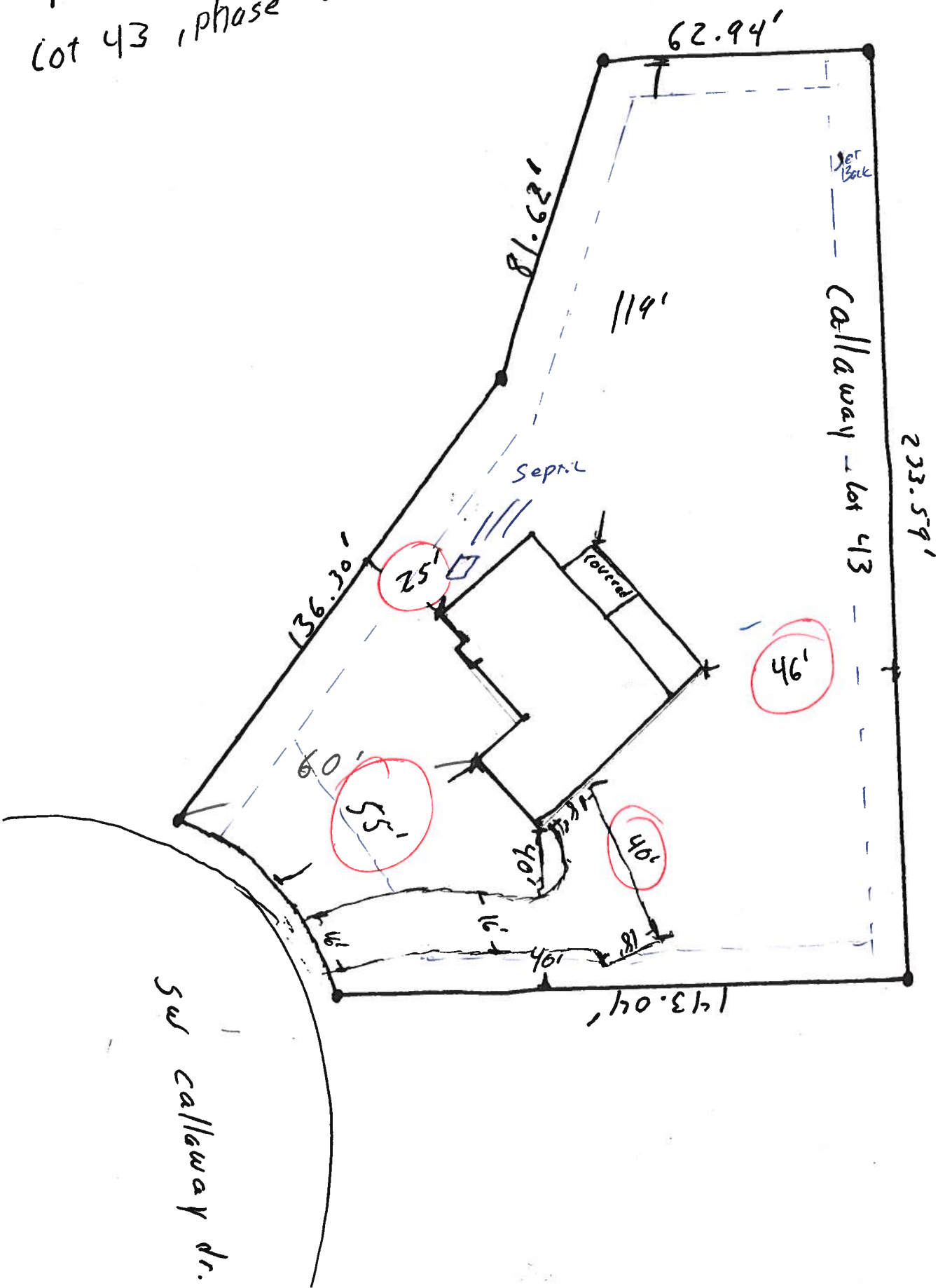


This information, GIS Map Updated: 10/4/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Compass Builders

Calloway subdivisions
Phase II - Lot 43
Parcel # 15-45-16-03003-24

.65 Ac.
1" = 34'
Lot 43, phase 2



SYSADM.RPT

0

PARCEL_I	ADDRESS	NEWCITY	ST NEWZIP
03023-243	439 SW CALLAWAY DR	LAKE CITY	FL 32024

1 records selected.


COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

FROM :

FAX NO. : 386-755-7822

Sep. 17 2002 01:52PM P1

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4" & 6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (800) 755-7822
FAX (800) 755-7822
LAKELAND, FLORIDA 33801
904 NW Main Blvd.

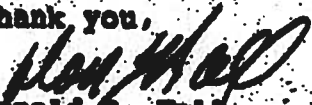
June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

Thank you,


Donald D. Hall
DDR/jk

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: THE LANI MODEL Address: Lot: 43, Sub: Callaway, Plat: City, State: Lake City, FL Owner: Compass Builders Climate Zone: North	Builder: Compass Builders Permitting Office: Columbia Permit Number: 25160 Jurisdiction Number: 22100D
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">1. New construction or existing</td> <td style="width: 20%; text-align: center;">New</td> <td style="width: 5%; text-align: center;">—</td> </tr> <tr> <td>2. Single family or multi-family</td> <td style="text-align: center;">Single family</td> <td style="text-align: center;">—</td> </tr> <tr> <td>3. Number of units, if multi-family</td> <td style="text-align: center;">1</td> <td style="text-align: center;">—</td> </tr> <tr> <td>4. Number of Bedrooms</td> <td style="text-align: center;">3</td> <td style="text-align: center;">—</td> </tr> <tr> <td>5. Is this a worst case?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">—</td> </tr> <tr> <td>6. Conditioned floor area (ft²)</td> <td style="text-align: center;">1861 ft²</td> <td style="text-align: center;">—</td> </tr> <tr> <td colspan="3">7. 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Glass/Floor Area: 0.16	Total as-built points: 27063 Total base points: 29113	PASS
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I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY:

DATE: 10-4-06

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 43, Sub: Callaway, Plat: , Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 43, Sub: Callaway, Plat: , Lake City, FL, **PERMIT #:**

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit	= Total Multiplier
3		2635.00	7905.0	50.0	0.92	3		1.00	2635.00	1.00 7905.0
				As-Built Total:						
				7905.0						

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
10742		10467		7905		29113	
							7884
							11274
							7905
							27063

PASS



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 43, Sub: Callaway, Plat: , Lake City, FL, PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 16682.5			Winter As-Built Points: 20051.4					
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
16682.5	0.6274	10466.6	(sys 1: Electric Heat Pump 36000 btuh ,EFF(7.2) Ducts:Unc(S),Unc(R),Gar(AH),R6.0					
			20051.4	1.000	(1.069 x 1.169 x 1.00)	0.474	0.950	11274.1
			20051.4	1.00	1.250	0.474	0.950	11274.1

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 43, Sub: Callaway, Plat: , Lake City, FL, PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X WPM X WOF = Points			
.18	1881.0	12.74	4267.6	Double, Clear	SE	1.5	6.0	20.0	14.71	1.10	322.4
				Double, Clear	SE	1.5	7.0	36.0	14.71	1.07	566.1
				Double, Clear	NE	1.5	7.0	54.0	23.57	1.00	1277.5
				Double, Clear	E	2.3	7.0	18.0	18.79	1.06	358.8
				Double, Clear	W	2.3	7.0	18.0	20.73	1.04	389.0
				Double, Clear	NE	1.5	7.0	18.0	23.57	1.00	425.8
				Double, Clear	NE	1.5	9.0	24.0	23.57	1.00	566.1
				Double, Clear	NE	1.5	7.0	36.0	23.57	1.00	851.7
				Double, Clear	NW	1.5	7.0	36.0	24.30	1.00	876.2
				Double, Clear	SW	1.5	7.0	36.0	16.74	1.04	628.0
				As-Built Total:		296.0			6261.7		
WALL TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM = Points			
Adjacent	180.0	3.60	648.0	Frame, Wood, Exterior		13.0	1672.0	3.40	5684.8		
Exterior	1672.0	3.70	6186.4	Frame, Wood, Adjacent		13.0	180.0	3.30	594.0		
Base Total:		1852.0	6834.4	As-Built Total:		1852.0	6278.8				
DOOR TYPES				Area X BWPM = Points		Type	Area X WPM = Points				
Adjacent	20.0	11.50	230.0	Exterior Wood		33.0	12.30	405.9			
Exterior	73.0	12.30	897.9	Exterior Wood		40.0	12.30	492.0			
				Adjacent Wood		20.0	11.50	230.0			
Base Total:		93.0	1127.9	As-Built Total:		93.0	1127.9				
CEILING TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM X WCM = Points			
Under Attic	1861.0	2.05	3815.0	Under Attic		30.0	1861.0	2.05 X 1.00	3815.0		
Base Total:		1861.0	3815.0	As-Built Total:		1861.0	3815.0				
FLOOR TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM = Points			
Slab	195.0(p)	8.9	1735.5	Slab-On-Grade Edge Insulation		0.0	195.0(p)	18.80	3666.0		
Raised	0.0	0.00	0.0								
Base Total:		1735.5		As-Built Total:		195.0	3666.0				
INFILTRATION				Area X BWPM = Points		Area X WPM = Points					
	1861.0	-0.59	-1098.0			1861.0	-0.59 -1098.0				

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 43, Sub: Callaway, Plat: , Lake City, FL, PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 25180.0				Summer As-Built Points: 26614.5						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
25180.0	0.4266		10741.8	26615	1.00	(1.09 x 1.147 x 1.00)	0.263	0.902		7884.0
				26614.5	1.00	1.250	0.263	0.902		7884.0

(sys 1: Central Unit 36000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 43, Sub: Callaway, Plat: , Lake City, FL, PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X SPM X SOF = Points				
.18	1881.0	20.04	6713.0	Double, Clear	SE	1.5	6.0	20.0	42.75	0.88	755.3
				Double, Clear	SE	1.5	7.0	36.0	42.75	0.92	1413.8
				Double, Clear	NE	1.5	7.0	54.0	29.56	0.94	1506.6
				Double, Clear	E	2.3	7.0	18.0	42.06	0.85	642.1
				Double, Clear	W	2.3	7.0	18.0	38.52	0.85	589.0
				Double, Clear	NE	1.5	7.0	18.0	29.56	0.94	502.2
				Double, Clear	NE	1.5	9.0	24.0	29.56	0.97	690.2
				Double, Clear	NE	1.5	7.0	36.0	29.56	0.94	1004.4
				Double, Clear	NW	1.5	7.0	36.0	25.97	0.95	885.6
				Double, Clear	SW	1.5	7.0	36.0	40.16	0.92	1329.6
				As-Built Total:				296.0			9318.9
WALL TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM = Points			
Adjacent	180.0	0.70	126.0	Frame, Wood, Exterior		13.0	1672.0	1.50	2508.0		
Exterior	1672.0	1.70	2842.4	Frame, Wood, Adjacent		13.0	180.0	0.60	108.0		
Base Total:		1852.0	2968.4	As-Built Total:			1852.0		2616.0		
DOOR TYPES				Area X BSPM = Points		Type	Area X SPM = Points				
Adjacent	20.0	2.40	48.0	Exterior Wood			33.0	6.10	201.3		
Exterior	73.0	6.10	445.3	Exterior Wood			40.0	6.10	244.0		
				Adjacent Wood			20.0	2.40	48.0		
Base Total:		93.0	493.3	As-Built Total:			93.0		493.3		
CEILING TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM X SCM = Points			
Under Attic	1861.0	1.73	3219.5	Under Attic		30.0	1861.0	1.73 X 1.00	3219.5		
Base Total:		1861.0	3219.5	As-Built Total:			1861.0		3219.5		
FLOOR TYPES				Area X BSPM = Points		Type	R-Value	Area X SPM = Points			
Slab	195.0(p)	-37.0	-7215.0	Slab-On-Grade Edge Insulation		0.0	195.0(p)	-41.20	-8034.0		
Raised	0.0	0.00	0.0								
Base Total:		-7215.0		As-Built Total:			195.0		-8034.0		
INFILTRATION				Area X BSPM = Points		Area X SPM = Points					
	1861.0	10.21	19000.8				1861.0	10.21	19000.8		

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.1

The higher the score, the more efficient the home.

Compass Builders, Lot: 43, Sub: Callaway, Plat: , Lake City, FL,

<p>1. New construction or existing New <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/></p> <p>4. Number of Bedrooms 3 <input type="checkbox"/></p> <p>5. Is this a worst case? Yes <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 1861 ft² <input type="checkbox"/></p> <p>7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</p> <p style="padding-left: 20px;">a. U-factor: Description Area</p> <p style="padding-left: 40px;">(or Single or Double DEFAULT) 7a. (Dble Default) 242.0 ft² <input type="checkbox"/></p> <p style="padding-left: 20px;">b. SHGC: 7b. (Clear) 242.0 ft² <input type="checkbox"/></p> <p style="padding-left: 40px;">(or Clear or Tint DEFAULT)</p> <p>8. Floor types</p> <p style="padding-left: 20px;">a. Slab-On-Grade Edge Insulation R=0.0, 195.0(p) ft <input type="checkbox"/></p> <p style="padding-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="padding-left: 20px;">c. N/A <input type="checkbox"/></p> <p>9. Wall types</p> <p style="padding-left: 20px;">a. Frame, Wood, Exterior R=13.0, 1672.0 ft² <input type="checkbox"/></p> <p style="padding-left: 20px;">b. Frame, Wood, Adjacent R=13.0, 180.0 ft² <input type="checkbox"/></p> <p style="padding-left: 20px;">c. N/A <input type="checkbox"/></p> <p style="padding-left: 20px;">d. N/A <input type="checkbox"/></p> <p style="padding-left: 20px;">e. N/A <input type="checkbox"/></p> <p>10. Ceiling types</p> <p style="padding-left: 20px;">a. Under Attic R=30.0, 1861.0 ft² <input type="checkbox"/></p> <p style="padding-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="padding-left: 20px;">c. N/A <input type="checkbox"/></p> <p>11. Ducts</p> <p style="padding-left: 20px;">a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 186.0 ft <input type="checkbox"/></p> <p style="padding-left: 20px;">b. N/A <input type="checkbox"/></p>	<p>12. Cooling systems</p> <p style="padding-left: 20px;">a. Central Unit Cap: 36.0 kBtu/hr <input type="checkbox"/></p> <p style="padding-left: 40px;">SEER: 13.00 <input type="checkbox"/></p> <p style="padding-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="padding-left: 20px;">c. N/A <input type="checkbox"/></p> <p>13. Heating systems</p> <p style="padding-left: 20px;">a. Electric Heat Pump Cap: 36.0 kBtu/hr <input type="checkbox"/></p> <p style="padding-left: 40px;">HSPF: 7.20 <input type="checkbox"/></p> <p style="padding-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="padding-left: 20px;">c. N/A <input type="checkbox"/></p> <p>14. Hot water systems</p> <p style="padding-left: 20px;">a. Electric Resistance Cap: 50.0 gallons <input type="checkbox"/></p> <p style="padding-left: 40px;">EF: 0.92 <input type="checkbox"/></p> <p style="padding-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="padding-left: 20px;">c. Conservation credits <input type="checkbox"/></p> <p style="padding-left: 40px;">(HR-Heat recovery, Solar DHP-Dedicated heat pump)</p> <p>15. HVAC credits PT, CF, <input type="checkbox"/></p> <p style="padding-left: 20px;">(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</p>
--	--

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 EnergyStarTM 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.
EnergyGauge® (Version: FLRCSB v4.0)

Columbia County Building Department Culvert Permit

Culvert Permit No. 000001248

DATE 10/25/2006 PARCEL ID # 15-4S-16-03023-243
APPLICANT JACOB KIRSCH PHONE 344-4817
ADDRESS 197 SW WATERFORD COURT LAKE CITY FL 32024
OWNER COMPASS BUILDERS PHONE 755-2082
ADDRESS 439 SW CALLAWAY DRIVE LAKE CITY FL 32024
CONTRACTOR JACOB KIRSCH PHONE 344-4817
LOCATION OF PROPERTY 247S, TL ON CALLAHAN, TL ON CALLAWAY DR, TO THE END, LEFT
OF CUL-DE-SAC _____

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CALLAWAY 43

SIGNATURE 

INSTALLATION REQUIREMENTS

Culvert size will be 18 inches in diameter with a total length 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 24' CULVERTS ALLOWED

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



THIS INSTRUMENT PREPARED BY
 & RETURN TO:
 Columbia Bank
 Romona E Hills
 173 NW Hillsboro Street
 Lake City, FL 32055
 REC:

Inst: 2006025622 Date: 10/27/2006 Time: 12:35
 29 DC, P. DeWitt Cason, Columbia County B: 1100 P: 1054

NOTICE OF COMMENCEMENT

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

- 1. Description of Property: Lot 43, Callaway, Ph II, PB 7 Pgs 70-71 in Lake City, Florida 32024
- 2. General Description of Improvements: Construction of a 1,861 square feet single family residence
- 3. Owner Information: Compass Builders & Associates Corp.
197 SW Waterford Ct, Suite 106
Lake City, Florida 32025

Owner's Interest in Property: Fee Simple

- 4. Contractor: Compass Builders & Associates Corp.
197 SW Waterford Ct, Suite 106
Lake City, Florida 32025
- 5. Lender: Columbia Bank
173 NW Hillsboro Street
Lake City, FL 32055
- 6. Additional persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
- 7. Expiration date of Notice of Commencement is one (1) year from the date of recording.


Compass Builders & Associates Corp.


 By: Joshua A. Nickelson, President

STATE OF FLORIDA}
 COUNTY OF Columbia}

The foregoing instrument was acknowledged before me this 10th day of October, 2006, by Joshua A. Nickelson as President of Compass Builders & Associates Corp. He is personally known to me or has produced Personally Known as identification and did not take an oath.

NOTARY PUBLIC


 Name: _____
 State of Florida at Large (SEAL)
 Personally Known: _____
 Produced Identification: _____
 Type: _____
 My Commission Expires: _____



Martha Bryan
 MY COMMISSION # DD232334 EXPIRES
 August 10, 2007
 BONDED THROUGH TROY FAIR INSURANCE, INC.



20 October 2006

Joe Haltiwanger, Plans Review
Columbia County Building Dept.
Lake City, FL 32055

RE: Callaway Lot 43
Plan Review # 0610-54

Dear Sir,

Please be advised of the following clarifications as related to your review comments.

- 1 The Warranty deed in the process of being recorded and returned by the clerks office, a copy will be forwarded when availab.e
- 2.A All Doors between garage and residence shall be steel 20 minute firerated doors.
- 2.B The garage will be separated from its attic area and the residence by ½” Drywall
- 2.D The Garage floor surface will be poured concrete
- 2.E Garage mechanical closet will comply with R309.1 – Or HVAC ducts & return will be protected by 26g steel
- 2.F Attic access will be located in Master bedroom closet, typical scuttle typ.
3. The electrical panel will be moved to a location more appropriate for underground service in the area. In which case an over current protection device will be installed.

Sincerely,

A handwritten signature in blue ink that reads "Jacob Kirsch".

Jacob Kirsch

Owner/Contractor CBC1253775
Compass Builders

Borate #25160

OMB Approval No. 2502-0525

New Construction Subterranean Termite ~~Soil~~ Treatment Record

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
 Company Address: 3071 NW Cole Terrace City Lake City State FL Zip 32025
 Company Business License No. JB109478 Company Phone No. 386-755-9811
 FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Compass Builders Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 439 SW Callaway Dr. Lake City, FL 32024
Callaway Phase II, Lot # 43
 Type of Construction (More than one box may be checked) Slab Basement Crawl Other _____
 Approximate Depth of Footing: Outside _____ Inside _____ Type of Fill _____

Section 4: Treatment Information

Date(s) of Treatment(s) 1/2/07
 Brand Name of Product(s) Used Borate Case
 EPA Registration No. 64405-1
 Approximate Final Mix Solution % 23%
 Approximate Size of Treatment Area: Sq. ft. 2519 Linear ft. _____ Linear ft. of Masonry Voids _____
 Approximate Total Gallons of Solution Applied 8 gals
 Was treatment completed on exterior? Yes No
 Service Agreement Available? Yes No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments Borate spray to wood framing - no soil treatment

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104378

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 1/2/07

GERBANO CALVERT OPEN

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 15-4S-16-03023-243

Building permit No. 000025160

Use Classification SFD, UTILITY

Fire: 39.06

Permit Holder JACOB KIRSCH

Waste: 117.25

Owner of Building COMPASS BUILDERS

Total: 156.31

Location: 439 SW CALLAWAY DR (CALLAWAY LOT 43)

Date: 03/15/2007



Randy Jones by JHL
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Project information for: L212217
 Builder: COMPASS BUILDERS Date: 10/3/2006
 Lot: LOT 43 CALLAWAY Start Number: 1089
 Subdivision: N/A 43 SEI Ref: L212217
 County or City: COLUMBIA COUNTY
 Truss Page Count: 43

Truss Design Load Information (UNO) Design Program: MiTek
 Gravity Wind Building Code: FBC2004
 Roof (psf): 42 Wind Standard: ASCE 7-02
 Floor (psf): 55 Wind Speed (mph): 110
 Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)
 KIRSCH, JACOB CHRISTOPHER CBC1253775
 Address: 1030 SW ROSSBROUGH CT #101 Designer: 78
 LAKE CITY, FLORIDA 32025

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987
 Company: Structural Engineering and Inspections, Inc. EB 9196
 Address 16105 N. Florida Ave, Ste B, Lutz, FL 33549 Phone: 813-849-5769

- Notes:
1. Truss Design Engineer is responsible for the individual trusses as components only.
 2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/ITP1
 3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
 4. Trusses designed for vertical loads only, unless noted otherwise.
 5. Where hangers are shown, Carried Member hanger capacity per Simpson C-2006 (SYP/Full Nailing Value) as an individual component. Building Designer shall verify the suitability and use of Carrying Member hanger capacity.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	1003061089	10/3/2006	41	T22	1003061129	10/3/2006
2	CJ1A	1003061090	10/3/2006	42	T23	1003061130	10/3/2006
3	CJ2	1003061091	10/3/2006	43	T24	1003061131	10/3/2006
4	CJ3	1003061092	10/3/2006				
5	CJ3A	1003061093	10/3/2006				
6	CJ4	1003061094	10/3/2006				
7	CJ5	1003061095	10/3/2006				
8	CJ6	1003061096	10/3/2006				
9	EJ5	1003061097	10/3/2006				
10	EJ7	1003061098	10/3/2006				
11	HJ7	1003061099	10/3/2006				
12	HJ7A	1003061100	10/3/2006				
13	HJ9	1003061101	10/3/2006				
14	PB01	1003061102	10/3/2006				
15	PB02	1003061103	10/3/2006				
16	PB03	1003061104	10/3/2006				
17	PB04	1003061105	10/3/2006				
18	PB05	1003061106	10/3/2006				
19	PB06	1003061107	10/3/2006				
20	T01	1003061108	10/3/2006				
21	T02	1003061109	10/3/2006				
22	T03	1003061110	10/3/2006				
23	T04	1003061111	10/3/2006				
24	T05	1003061112	10/3/2006				
25	T06	1003061113	10/3/2006				
26	T07	1003061114	10/3/2006				
27	T08	1003061115	10/3/2006				
28	T09	1003061116	10/3/2006				
29	T10	1003061117	10/3/2006				
30	T11	1003061118	10/3/2006				
31	T12	1003061119	10/3/2006				
32	T13	1003061120	10/3/2006				
33	T14	1003061121	10/3/2006				
34	T15	1003061122	10/3/2006				
35	T16	1003061123	10/3/2006				
36	T17	1003061124	10/3/2006				
37	T18	1003061125	10/3/2006				
38	T19	1003061126	10/3/2006				
39	T20	1003061127	10/3/2006				
40	T21	1003061128	10/3/2006				

OCT 03 2006



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Licensee Information

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COMPASS BUILDERS & ASSOCIATES CORP (DBA Name)
Main Address: 1030 SW ROSSBROUGH CT # 101
 LAKE CITY Florida 32025
County: COLUMBIA
License Mailing:
LicenseLocation: 197 SW WATERFORD CT #106
 LAKE CITY FL 32025
County: COLUMBIA

License Information

License Type: Certified Building Contractor
Rank: Cert Building
License Number: CBC1253775
Status: Current,Active
Licensure Date: 01/06/2006
Expires: 08/31/2006

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Job L212217	Truss CJ1	Truss Type JACK	Qty 6	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:24 2006 Page 1

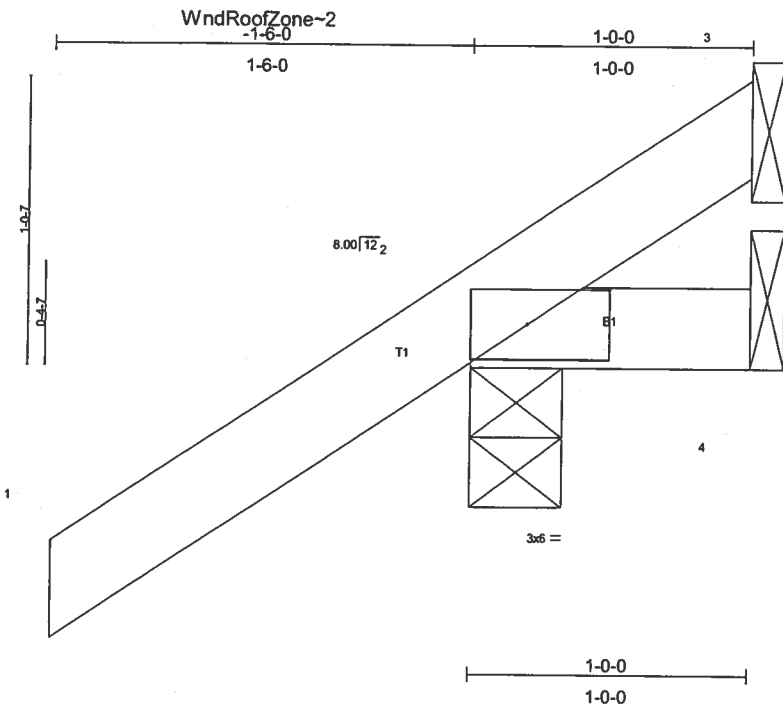


Plate Offsets (X,Y): [2.0-3-9.0-1-8]

LOADING (psf) TCLL 20.0 TCCL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.16 BC 0.01 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.00 2 >999 240 Vert(TL) -0.00 2 >999 180 Horz(TL) 0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 6 lb
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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 purfins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=189/0-4-0, 4=14/Mechanical, 3=-41/Mechanical
Max Horz 2=94(load case 5)
Max Uplift 2=-201(load case 5), 4=-11(load case 3), 3=-41(load case 1)
Max Grav 2=189(load case 1), 4=14(load case 1), 3=70(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-55/48
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.12

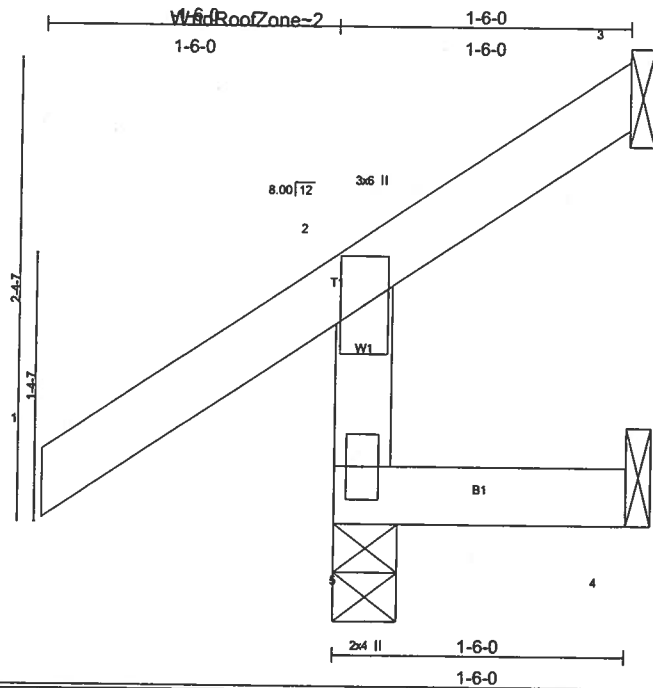
- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 201 lb uplift at joint 2, 11 lb uplift at joint 4 and 41 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L212217	Truss CJ1A	Truss Type JACK	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:25 2006 Page 1



Scale = 1:11.3

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/def L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.29	Vert(LL) 0.00 5 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.07	Vert(TL) 0.00 5 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrx)			
				Weight: 9 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-6-0 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 5=200/0-4-0, 4=8/Mechanical, 3=6/Mechanical
 Max Horz 5=112(load case 5)
 Max Uplift 5=90(load case 5), 4=28(load case 5), 3=25(load case 6)
 Max Grav 5=200(load case 1), 4=8(load case 1), 3=16(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 2-5=-168/147, 1-2=0/49, 2-3=-44/8
 BOT CHORD 4-5=0/0

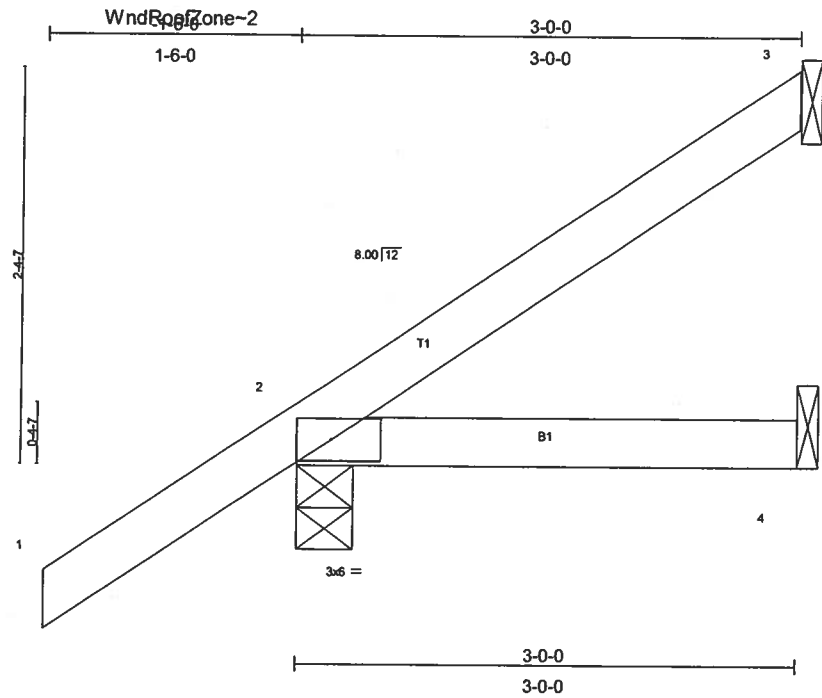
JOINT STRESS INDEX
 2 = 0.35 and 5 = 0.50

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 90 lb uplift at joint 5, 28 lb uplift at joint 4 and 25 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L212217	Truss CJ3	Truss Type JACK	Qty 6	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:27 2006 Page 1



Scale = 1:13.1

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

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.18	Vert(LL) 0.01 2-4 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.08	Vert(TL) -0.01 2-4 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			Weight: 13 lb

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

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

REACTIONS (lb/size) 3=48/Mechanical, 2=233/0-4-0, 4=42/Mechanical
Max Horz 2=154(load case 5)
Max Uplift 3=47(load case 5), 2=-177(load case 5), 4=-33(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-60/19
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.12

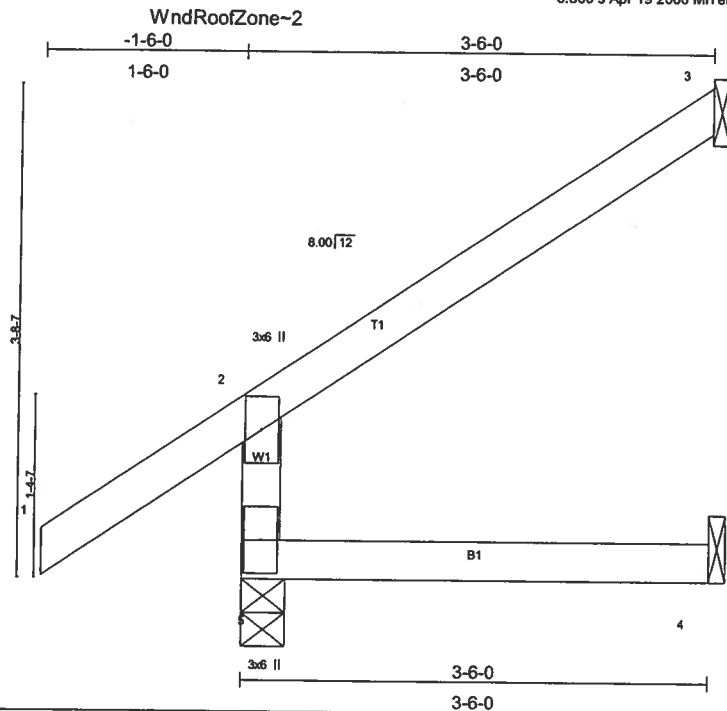
- NOTES**
- 1) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TC DL=4.2psf; BCDL=3.0psf. Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 3, 177 lb uplift at joint 2 and 33 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L212217	Truss CJ3A	Truss Type JACK	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:28 2006 Page 1



LOADING (psf) TCLL 20.0 TCCL 7.0 BCCL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.37 BC 0.18 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) 0.02 4-5 >999 240 Vert(TL) -0.01 4-5 >999 180 Horz(TL) -0.04 3 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 16 lb
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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 3-6-0 oc purins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
--	--

REACTIONS (lb/size) 5=249/0-4-0, 3=70/Mechanical, 4=46/Mechanical
Max Horz 5=199(load case 5)
Max Uplift 5=81(load case 5), 3=-94(load case 5), 4=-21(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-5=-196/141, 1-2=0/49, 2-3=-73/29
BOT CHORD 4-5=0/0

JOINT STRESS INDEX
2 = 0.47 and 5 = 0.37

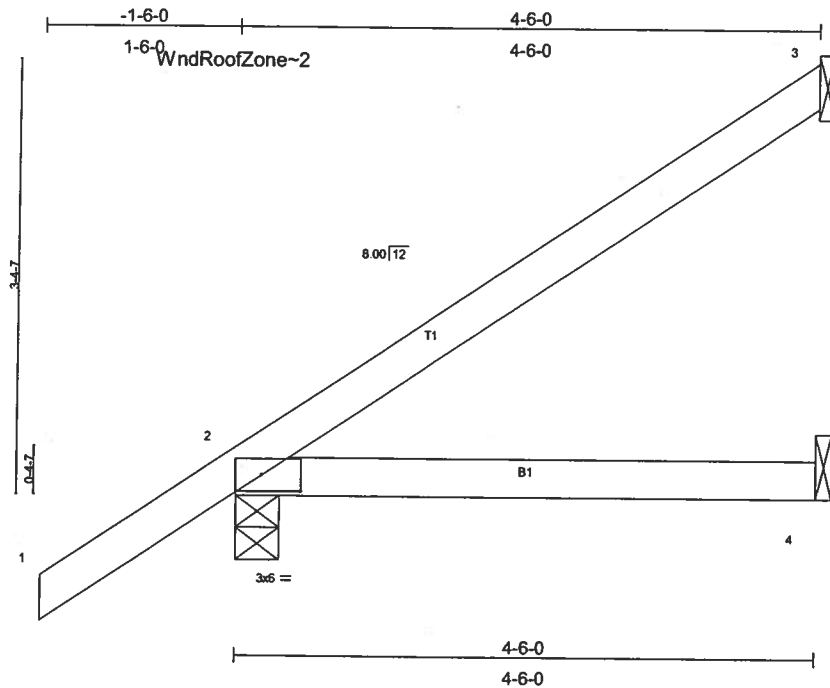
- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint 5, 94 lb uplift at joint 3 and 21 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L212217	Truss CJ4	Truss Type JACK	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
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Scale = 1:17.1

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

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.18	Vert(LL) -0.02 2-4 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.13	Vert(TL) -0.03 2-4 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 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 4-6-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=98/Mechanical, 2=287/0-4-0, 4=64/Mechanical
Max Horz 2=200(load case 5)
Max Uplift 3=104(load case 5), 2=138(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=87/43
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 104 lb uplift at joint 3 and 138 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L212217	Truss CJ5	Truss Type JACK	Qty 4	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055
 Job Reference (optional)
 6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:29 2006 Page 1

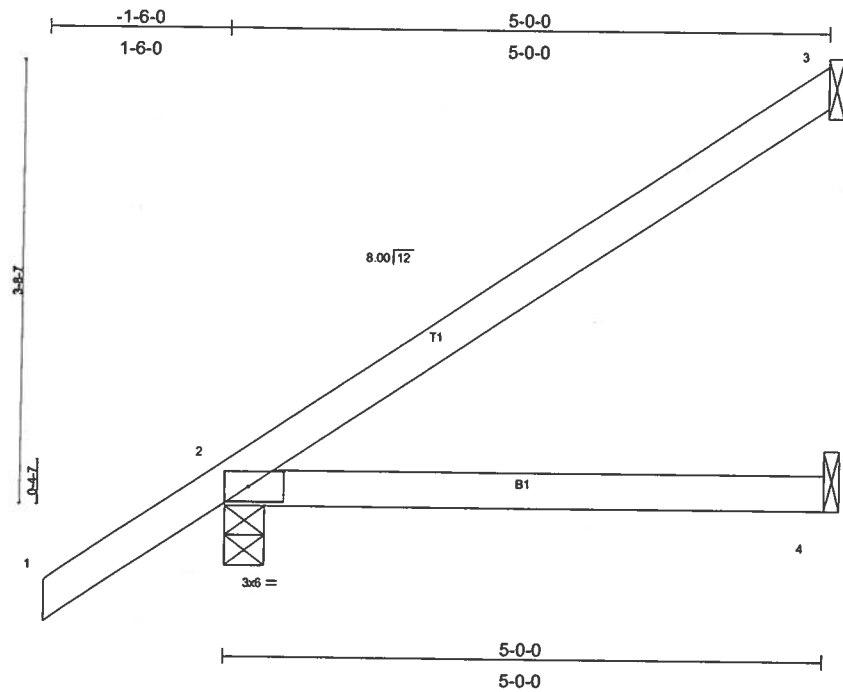


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.22 BC 0.16 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.03 2-4 >999 240 Vert(TL) -0.05 2-4 >999 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 19 lb
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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=113/Mechanical, 2=306/0-4-0, 4=72/Mechanical
 Max Horz 2=215(load case 5)
 Max Uplift 3=121(load case 5), 2=138(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-100/50
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.15

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 3) Refer to girder(s) for truss to truss connections.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 3 and 138 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L212217	Truss CJ6	Truss Type JACK	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055
 Job Reference (optional)
 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:26:30 2006 Page 1

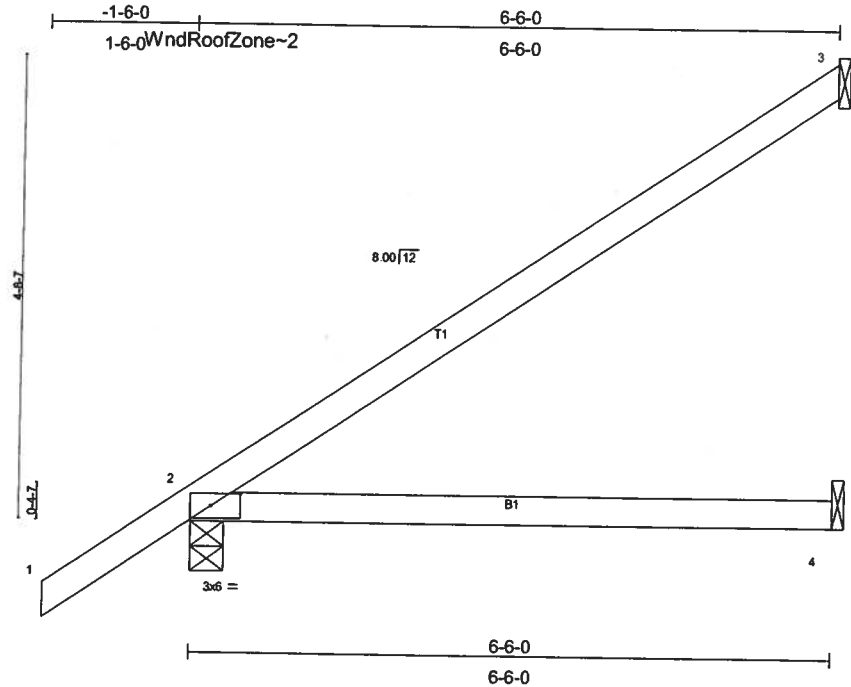


Plate Offsets (X,Y): [2-0-3-9-0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.42	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.28	Vert(LL) -0.08 2-4 >927 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Vert(TL) -0.14 2-4 >530 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
				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=157/Mechanical, 2=365/0-4-0, 4=94/Mechanical
 Max Horz 2=262(load case 5)
 Max Uplift 3=-170(load case 5), 2=-141(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-135/70
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.16

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 3) Refer to girder(s) for truss to truss connections.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 3 and 141 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L212217	Truss EJ5	Truss Type JACK	Qty 6	Ply 1	COMPASS- LOT 49 CALLWAY
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:28:31 2006 Page 1

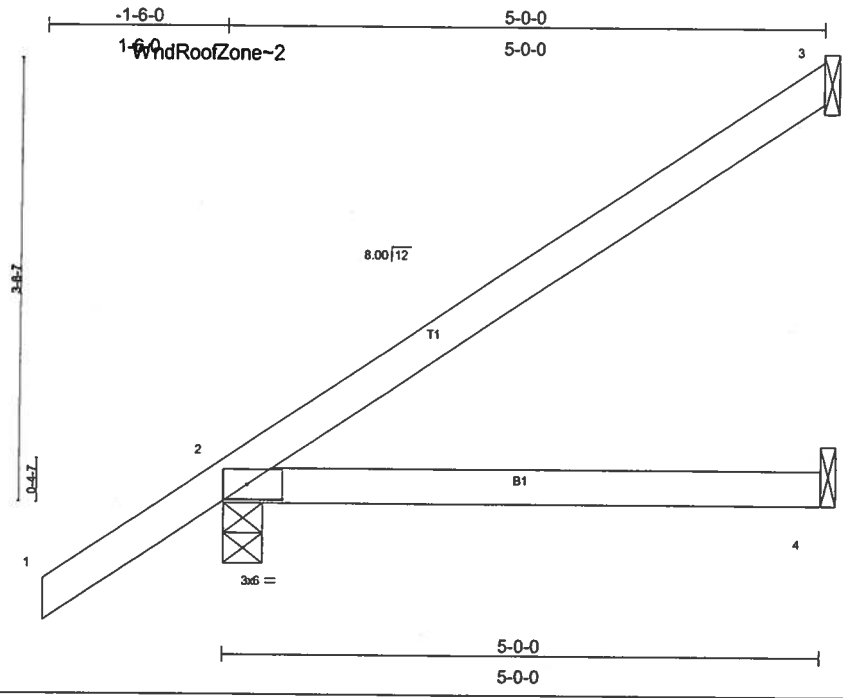


Plate Offsets (X,Y): [2-0-3-9,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.22	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.24	Vert(LL) 0.09 2-4 >672 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Vert(TL) 0.07 2-4 >784 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
				Weight: 19 lb	

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

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

REACTIONS (lb/size) 3=113/Mechanical, 2=306/0-4-0, 4=72/Mechanical
 Max Horz 2=215(load case 5)
 Max Uplift 3=121(load case 5), 2=-198(load case 5), 4=-56(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-100/50
 BOT CHORD 2-4=0/0

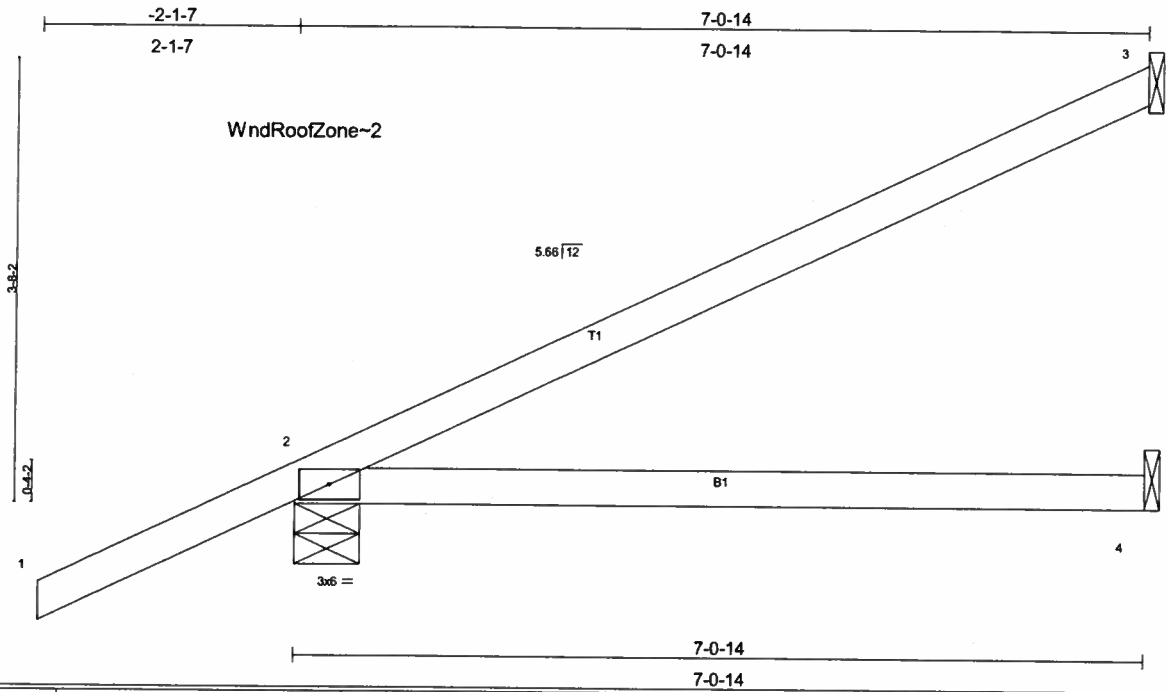
JOINT STRESS INDEX
 2 = 0.15

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi .
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 3, 198 lb uplift at joint 2 and 56 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L212217	Truss HJ7	Truss Type JACK	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055
 Job Reference (optional)
 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:26:32 2006 Page 1



LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2004/TPI2002	CSI TC 0.48 BC 0.32 WB 0.00 (Matrix)	DEFL Vert(LL) 0.12 2-4 >653 240 Vert(TL) -0.16 2-4 >501 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 26 lb
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LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2

BRACING
 TOP CHORD Structural wood sheathing directly applied or 7-0-14 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=197/Mechanical, 2=327/0-6-7, 4=118/Mechanical
 Max Horz 2=201(load case 4)
 Max Uplift 3=184(load case 4), 2=255(load case 4), 4=58(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/48, 2-3=-105/60
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.44

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - 2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 184 lb uplift at joint 3, 255 lb uplift at joint 2 and 58 lb uplift at joint 4.
 - 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=4(F=25, B=25)-to-3=95(F=-21, B=-21), 2=0(F=15, B=15)-to-4=53(F=-12, B=12)

Job L212217	Truss HJ7A	Truss Type MONO TRUSS	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:33 2006 Page 1

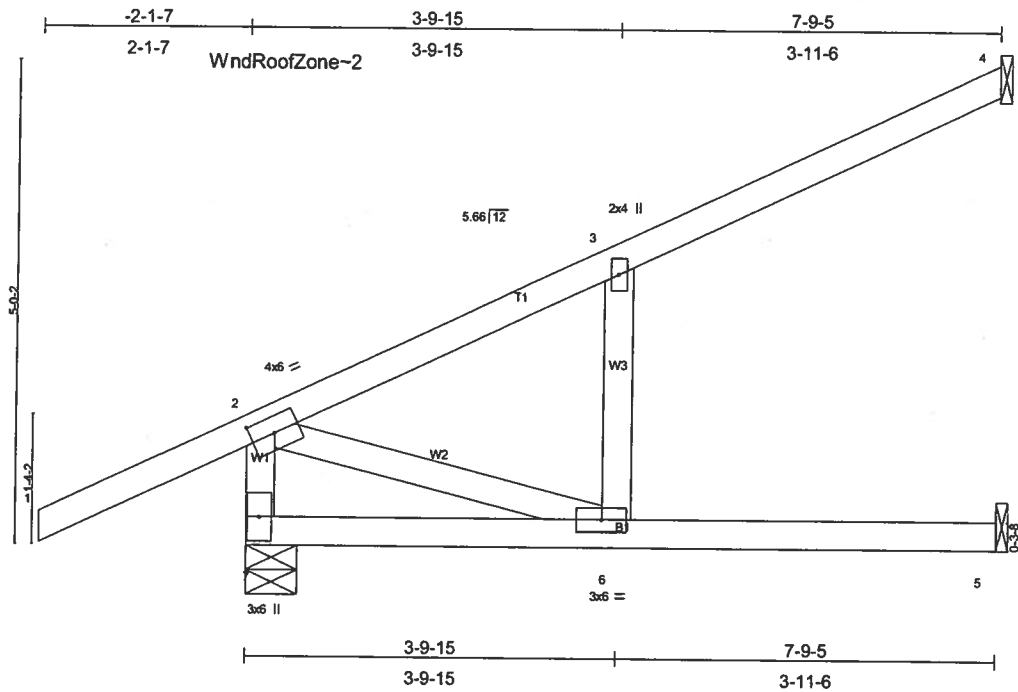


Plate Offsets (X,Y): [2;0-2-15;0-2-0]

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2004/TP12002	CSI TC 0.58 BC 0.63 WB 0.06 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) 0.24 6 >375 240 Vert(TL) -0.35 5-6 >261 180 Horz(TL) 0.10 4 n/a n/a	PLATES GRIP MT20 244/190 Weight: 38 lb
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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.
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REACTIONS (lb/size) 7=352/0-6-7, 4=228/Mechanical, 5=169/Mechanical
Max Horz 7=257(load case 4)
Max Uplift 7=-131(load case 4), 4=-196(load case 4), 5=-38(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-7=-222/57, 1-2=0/52, 2-3=-147/0, 3-4=-102/80
BOT CHORD 6-7=-236/133, 5-6=0/0
WEBS 2-6=-139/246, 3-6=-38/85

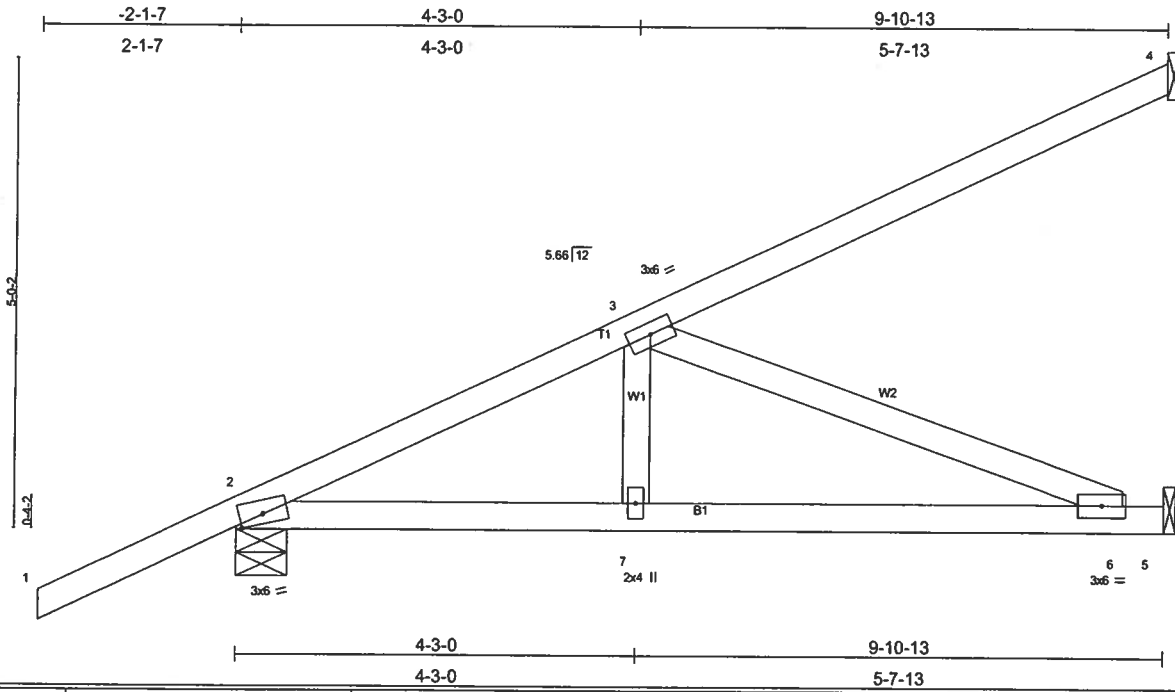
JOINT STRESS INDEX
2 = 0.70, 3 = 0.05, 6 = 0.11 and 7 = 0.38

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TC DL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - 2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 131 lb uplift at joint 7, 196 lb uplift at joint 4 and 38 lb uplift at joint 5.
 - 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=-2(F=26, B=26)-to-4=-105(F=-25, B=-25), 7=0(F=15, B=15)-to-5=-58(F=-14, B=-14)

Job L212217	Truss HJ9	Truss Type MONO TRUSS	Qty 2	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:26:34 2006 Page 1



LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2004/TPI2002	CSI TC 0.60 BC 0.58 WB 0.41 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.10 6-7 >999 240 Vert(TL) -0.17 6-7 >673 180 Horz(TL) 0.01 5 n/a n/a	PLATES GRIP MT20 244/190 Weight: 45 lb
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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.
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REACTIONS (lb/size) 4=266/Mechanical, 2=488/0-6-7, 5=387/Mechanical
Max Horz 2=343(load case 4)
Max Uplift 4=266(load case 4), 2=166(load case 4), 5=96(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-741/57, 3-4=-149/83
BOT CHORD 2-7=-330/656, 6-7=-330/656, 5-6=0/0
WEBS 3-7=0/210, 3-6=-705/355

JOINT STRESS INDEX
2 = 0.85, 3 = 0.19, 6 = 0.19 and 7 = 0.15

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
 - 2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 3) Refer to glider(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 266 lb uplift at joint 4, 186 lb uplift at joint 2 and 96 lb uplift at joint 5.
 - 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

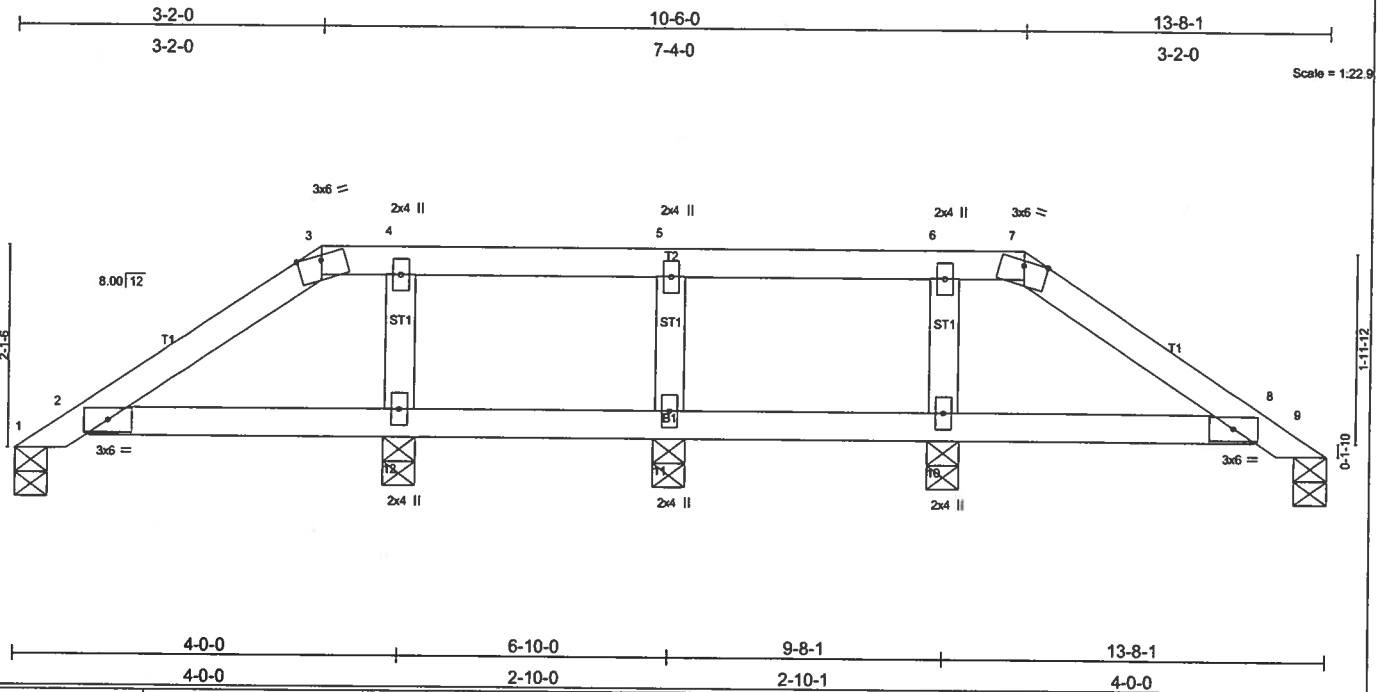
LOAD CASE(S) Standard

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

Job L212217	Truss PB01	Truss Type VALLEY	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
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LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.13 BC 0.10 WB 0.04 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.01 8-10 >999 240 Vert(TL) -0.02 2-12 >999 180 Horz(TL) 0.01 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 47 lb
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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.
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REACTIONS (lb/size) 1=117/0-4-0, 9=117/0-4-0, 11=167/0-4-0, 10=349/0-4-0, 12=349/0-4-0
 Max Horz 1=-71 (load case 3)
 Max Uplift 1=-49 (load case 5), 9=-57 (load case 6), 11=-130 (load case 3), 10=-113 (load case 3), 12=-139 (load case 4)
 Max Grav 1=117 (load case 1), 9=117 (load case 1), 11=189 (load case 10), 10=349 (load case 1), 12=349 (load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-58/62, 2-3=-29/44, 3-4=0/58, 4-5=0/58, 5-6=0/58, 6-7=0/58, 7-8=-23/43, 8-9=-57/33
 BOT CHORD 2-12=-11/36, 11-12=-11/36, 10-11=-11/36, 8-10=-11/36
 WEBS 5-11=-130/144, 6-10=-210/122, 4-12=-210/142

JOINT STRESS INDEX
 2 = 0.32, 3 = 0.05, 4 = 0.08, 5 = 0.08, 6 = 0.08, 7 = 0.05, 8 = 0.32, 10 = 0.08, 11 = 0.08 and 12 = 0.08

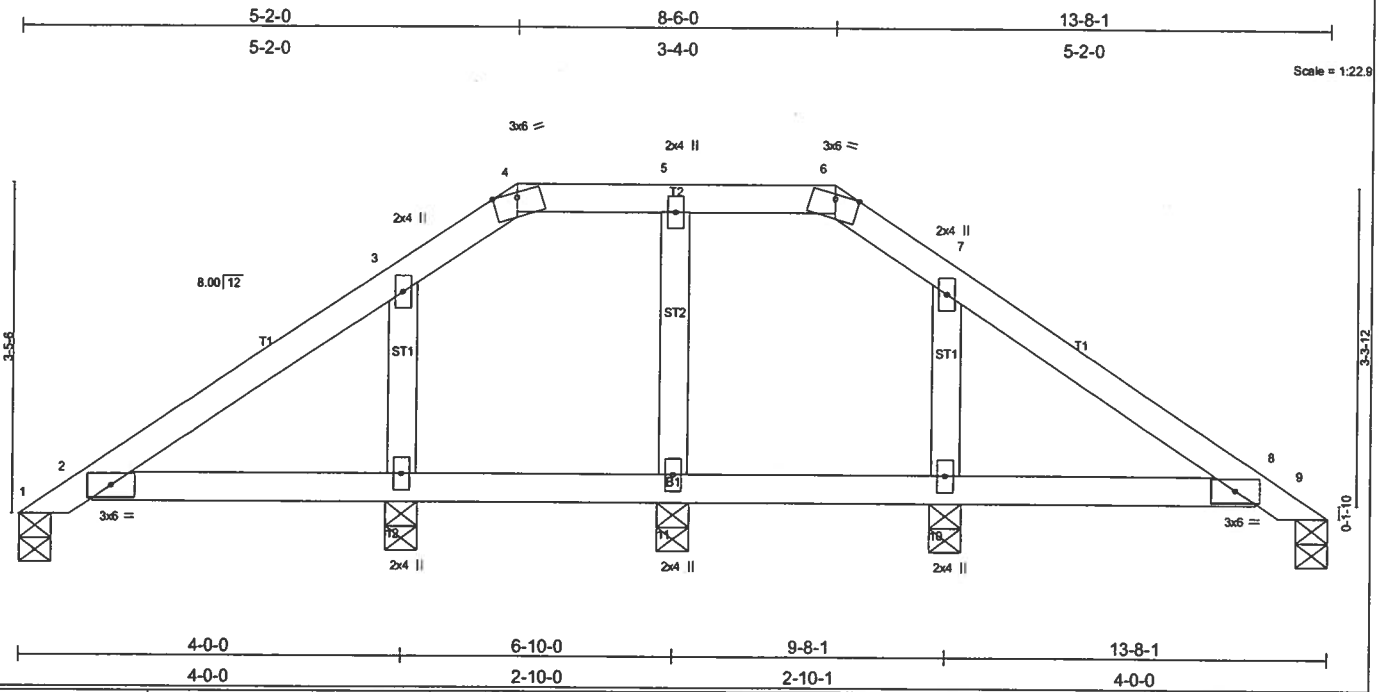
- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 1, 57 lb uplift at joint 9, 130 lb uplift at joint 11, 113 lb uplift at joint 10 and 139 lb uplift at joint 12.
 - 7) SEE MITek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Job L212217	Truss PB02	Truss Type VALLEY	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:26:36 2006 Page 1



LOADING (psf) TCLL 20.0 BCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.15 BC 0.09 WB 0.04 (Matrix)	DEFL in (loc) l/def L/d Vert(LL) -0.01 2-12 >999 240 Vert(TL) -0.01 2-12 >999 180 Horz(TL) 0.01 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 51 lb
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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.
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REACTIONS (lb/size) 1=73/0-4-0, 9=73/0-4-0, 11=242/0-4-0, 10=355/0-4-0, 12=355/0-4-0
 Max Horz 1=-117(load case 3)
 Max Uplift 1=-21(load case 3), 9=-24(load case 3), 11=-91(load case 4), 10=-168(load case 6), 12=-179(load case 5)
 Max Grav 1=89(load case 9), 9=89(load case 10), 11=242(load case 1), 10=355(load case 1), 12=355(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-108/116, 2-3=-104/161, 3-4=0/89, 4-5=0/82, 5-6=0/82, 6-7=0/70, 7-8=-81/161, 8-9=-43/17
 BOT CHORD 2-12=-82/126, 11-12=-82/126, 10-11=-82/126, 8-10=-82/126
 WEBS 5-11=-185/110, 7-10=-226/168, 3-12=-226/177

JOINT STRESS INDEX
 2 = 0.25, 3 = 0.11, 4 = 0.16, 5 = 0.07, 6 = 0.16, 7 = 0.11, 8 = 0.25, 10 = 0.10, 11 = 0.07 and 12 = 0.10

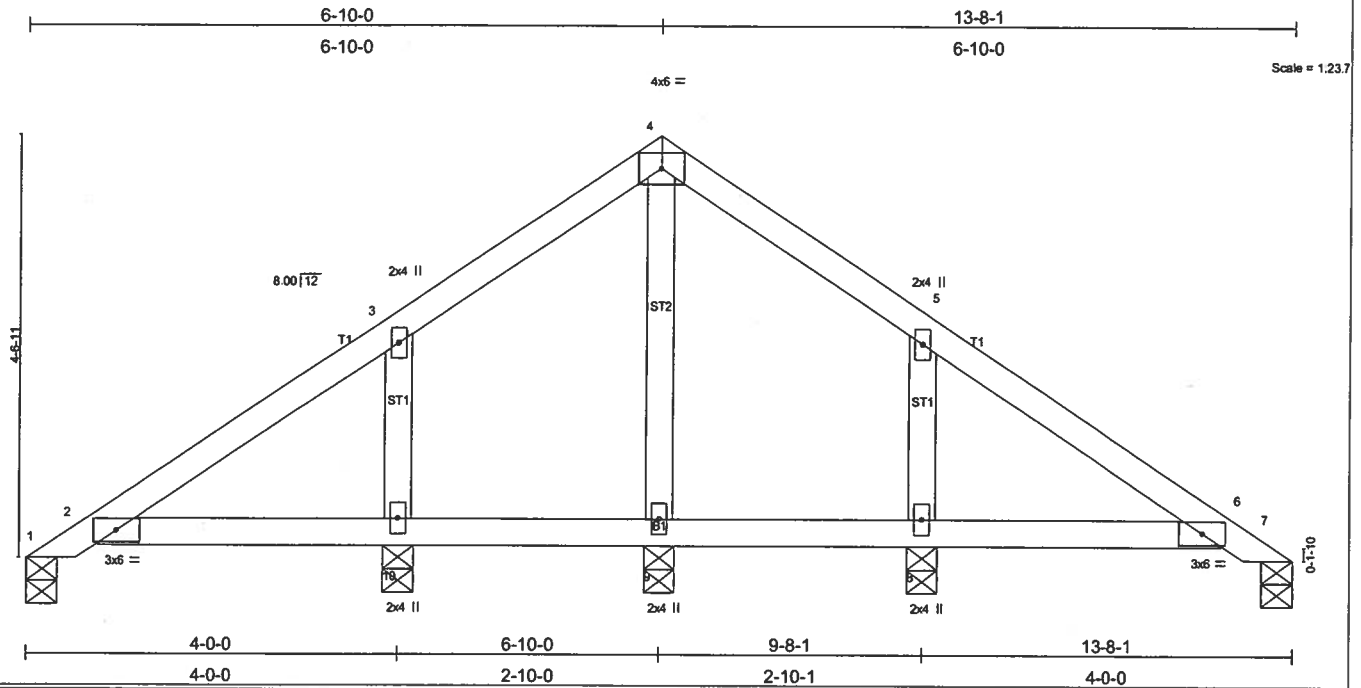
- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 1, 24 lb uplift at joint 9, 91 lb uplift at joint 11, 168 lb uplift at joint 10 and 179 lb uplift at joint 12.
 - SEE MITek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Job L212217	Truss PB03	Truss Type VALLEY	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, Fl 32055

Job Reference (optional)
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Scale = 1.237

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.14	In (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.09	Vert(LL) -0.01 2-10 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.09	Vert(TL) -0.01 2-10 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 7 n/a n/a		
	Code FBC2004/TPI2002				Weight: 54 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
OTHERS 2 X 4 SYP No.3	

REACTIONS (lb/size) 1=61/0-4-0, 7=61/0-4-0, 9=328/0-4-0, 8=324/0-4-0, 10=324/0-4-0
 Max Horz 1=154(load case 4)
 Max Uplift 1=37(load case 3), 7=14(load case 6), 9=28(load case 5), 8=192(load case 6), 10=198(load case 5)
 Max Grav 1=74(load case 9), 7=74(load case 10), 9=328(load case 1), 8=331(load case 10), 10=331(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-157/156, 2-3=-125/190, 3-4=-36/165, 4-5=-8/165, 5-6=-79/190, 6-7=-35/11
 BOT CHORD 2-10=-108/122, 9-10=-108/122, 8-9=-108/122, 6-8=-108/122
 WEBS 4-9=-270/54, 5-8=-203/194, 3-10=-203/197

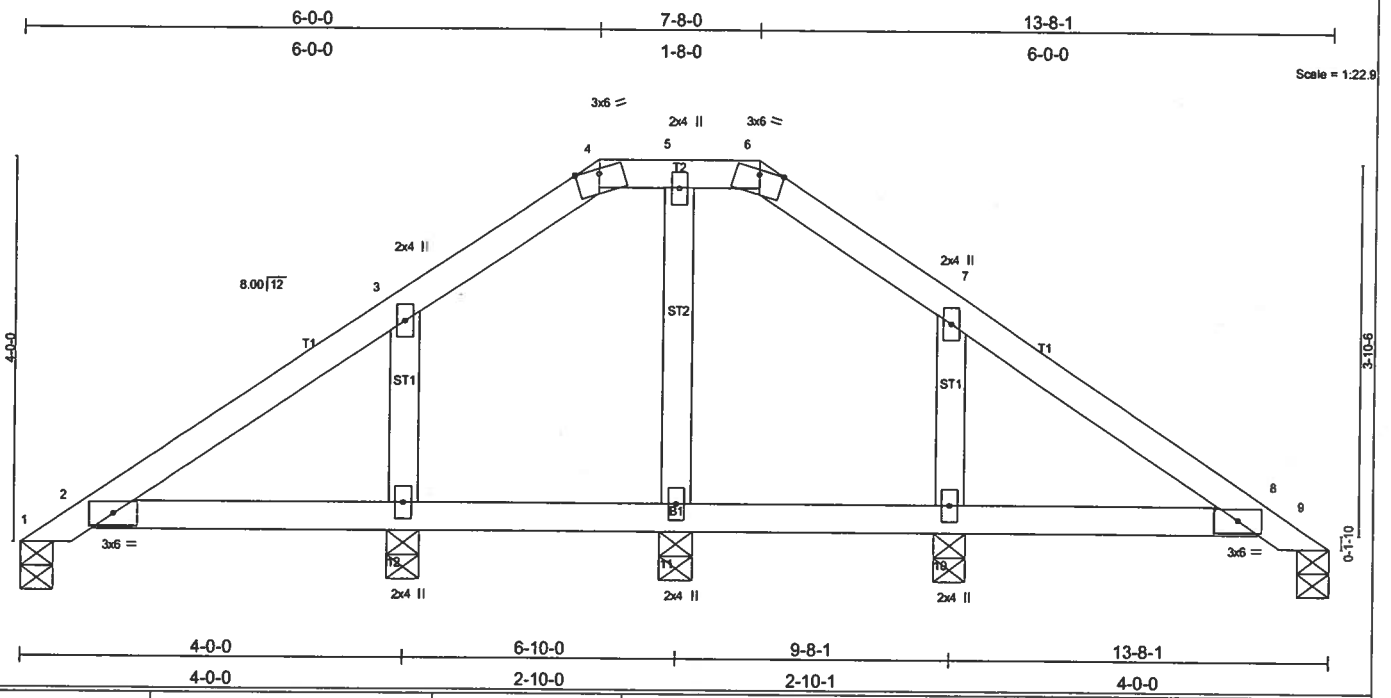
JOINT STRESS INDEX
 2 = 0.22, 3 = 0.10, 4 = 0.11, 5 = 0.10, 6 = 0.22, 8 = 0.11, 9 = 0.10 and 10 = 0.11

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 1, 14 lb uplift at joint 7, 28 lb uplift at joint 9, 192 lb uplift at joint 8 and 198 lb uplift at joint 10.
 - SEE MITek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Job L212217	Truss PB04	Truss Type VALLEY	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
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LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.14 BC 0.09 WB 0.06 (Matrix)	DEFL in (loc) l/def L/d Vert(LL) -0.01 2-12 >999 240 Vert(TL) -0.01 2-12 >999 180 Horz(TL) 0.01 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 53 lb
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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) 1=71/0-4-0, 9=71/0-4-0, 11=287/0-4-0, 10=335/0-4-0, 12=335/0-4-0
Max Horz 1=136(load case 3)
Max Uplift 1=29(load case 3), 9=16(load case 3), 11=56(load case 4), 10=184(load case 6), 12=191(load case 5)
Max Grav 1=83(load case 9), 9=83(load case 10), 11=287(load case 1), 10=338(load case 10), 12=338(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-133/137, 2-3=-104/167, 3-4=-8/107, 4-5=0/88, 5-6=0/88, 6-7=0/107, 7-8=-74/167, 8-9=-40/13
BOT CHORD 2-12=88/119, 11-12=88/119, 10-11=-88/119, 8-10=-88/119
WEBS 5-11=-229/75, 7-10=-208/184, 3-12=-208/190

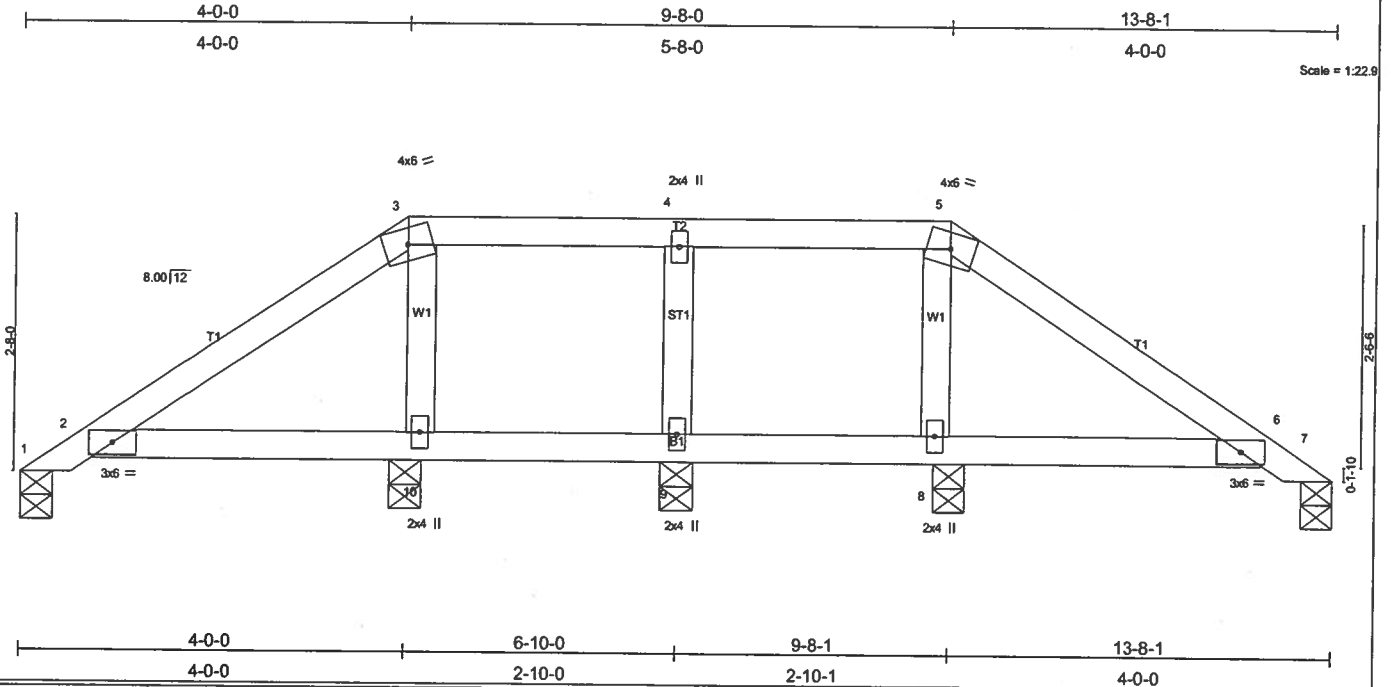
JOINT STRESS INDEX
2 = 0.23, 3 = 0.10, 4 = 0.12, 5 = 0.08, 6 = 0.12, 7 = 0.10, 8 = 0.23, 10 = 0.11, 11 = 0.08 and 12 = 0.11

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 1, 16 lb uplift at joint 9, 56 lb uplift at joint 11, 184 lb uplift at joint 10 and 191 lb uplift at joint 12.
 - SEE MITek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Job L212217	Truss PB05	Truss Type VALLEY	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:40 2006 Page 1



LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.14 BC 0.09 WB 0.05 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.01 6-8 >999 240 Vert(TL) -0.01 6-8 >999 180 Horz(TL) 0.00 7 n/a n/a	PLATES GRIP MT20 244/190 Weight: 49 lb
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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 6-0-0 oc bracing.
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REACTIONS (lb/size) 1=49/0-4-0, 9=181/0-4-0, 10=410/0-4-0, 8=410/0-4-0, 7=49/0-4-0
 Max Horz 1=-89(load case 3)
 Max Uplift 1=-15(load case 6), 9=-128(load case 3), 10=-156(load case 5), 8=-140(load case 6), 7=-34(load case 3)
 Max Grav 1=71(load case 9), 9=202(load case 9), 10=410(load case 1), 8=410(load case 1), 7=71(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-79/86, 2-3=-79/220, 3-4=-15/152, 4-5=-15/152, 5-6=-62/220, 6-7=-34/22
 BOT CHORD 2-10=-133/106, 9-10=-152/113, 8-9=-152/113, 6-8=-133/104
 WEBS 4-9=-145/142, 3-10=-283/154, 5-8=-283/139

JOINT STRESS INDEX
 2 = 0.23, 3 = 0.36, 4 = 0.08, 5 = 0.36, 6 = 0.23, 8 = 0.10, 9 = 0.08 and 10 = 0.10

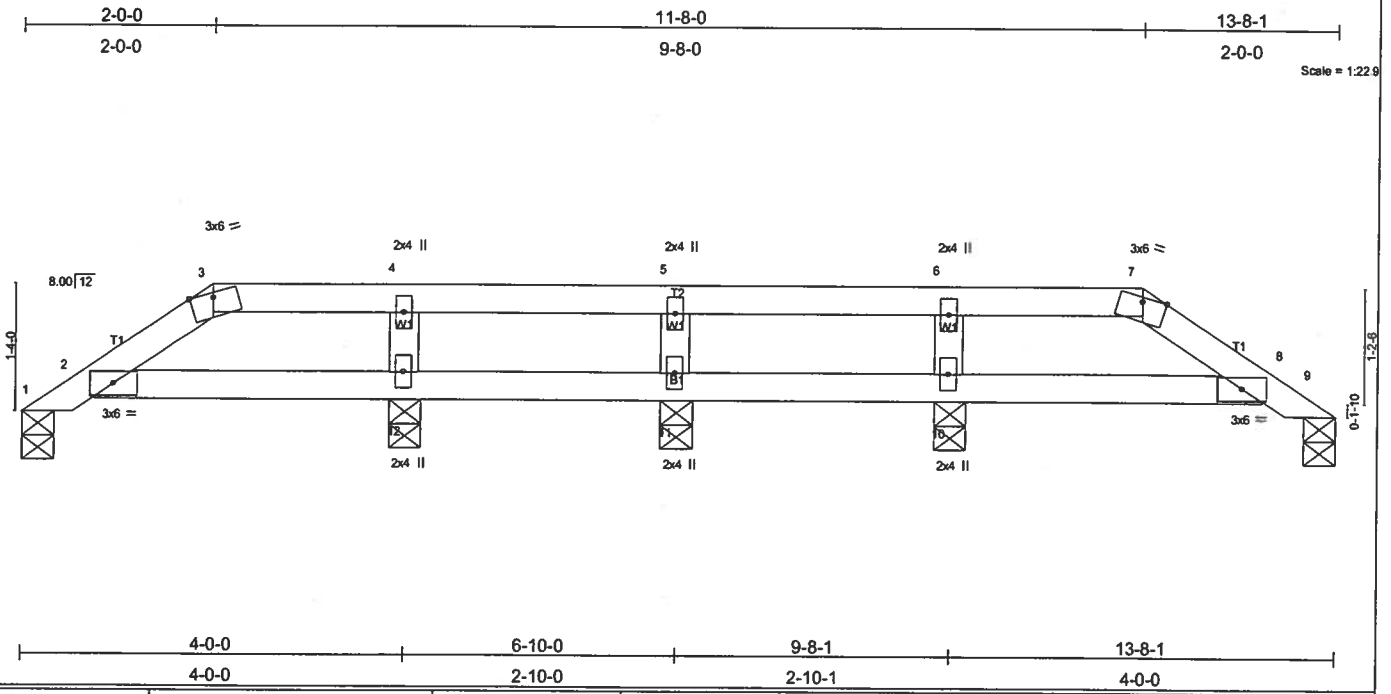
- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TC DL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Bearing at joint(s) 1, 7 considers parallel to grain value using ANS/TP1 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 15 lb uplift at joint 1, 128 lb uplift at joint 9, 156 lb uplift at joint 10, 140 lb uplift at joint 8 and 34 lb uplift at joint 7.
 - 7) SEE MITek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Job L212217	Truss PB06	Truss Type VALLEY	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:41 2006 Page 1



LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.14 BC 0.11 WB 0.03 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.01 8-10 >999 240 Vert(TL) -0.01 8-10 >999 180 Horz(TL) 0.01 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 42 lb
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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.
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REACTIONS (lb/size) 1=149/0-4-0, 9=150/0-4-0, 12=302/0-4-0, 11=191/0-4-0, 10=305/0-4-0
 Max Horz 1=44(load case 4)
 Max Uplift 1=54(load case 5), 9=57(load case 6), 12=136(load case 4), 11=114(load case 3), 10=128(load case 3)
 Max Grav 1=149(load case 1), 9=150(load case 1), 12=306(load case 9), 11=199(load case 10), 10=309(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=73/46, 2-3=-133/65, 3-4=-106/68, 4-5=-106/68, 5-6=-106/68, 6-7=-106/68, 7-8=-133/65, 8-9=74/33
 BOT CHORD 2-12=-50/106, 11-12=-50/106, 10-11=-50/106, 8-10=-50/106
 WEBS 4-12=-175/140, 5-11=-140/132, 6-10=-177/136

JOINT STRESS INDEX
 2 = 0.25, 3 = 0.07, 4 = 0.08, 5 = 0.08, 6 = 0.08, 7 = 0.07, 8 = 0.26, 10 = 0.08, 11 = 0.08 and 12 = 0.08

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 54 lb uplift at joint 1, 57 lb uplift at joint 9, 136 lb uplift at joint 12, 114 lb uplift at joint 11 and 128 lb uplift at joint 10.
 - SEE MITek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Job L212217	Truss T01	Truss Type HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:42 2006 Page 1

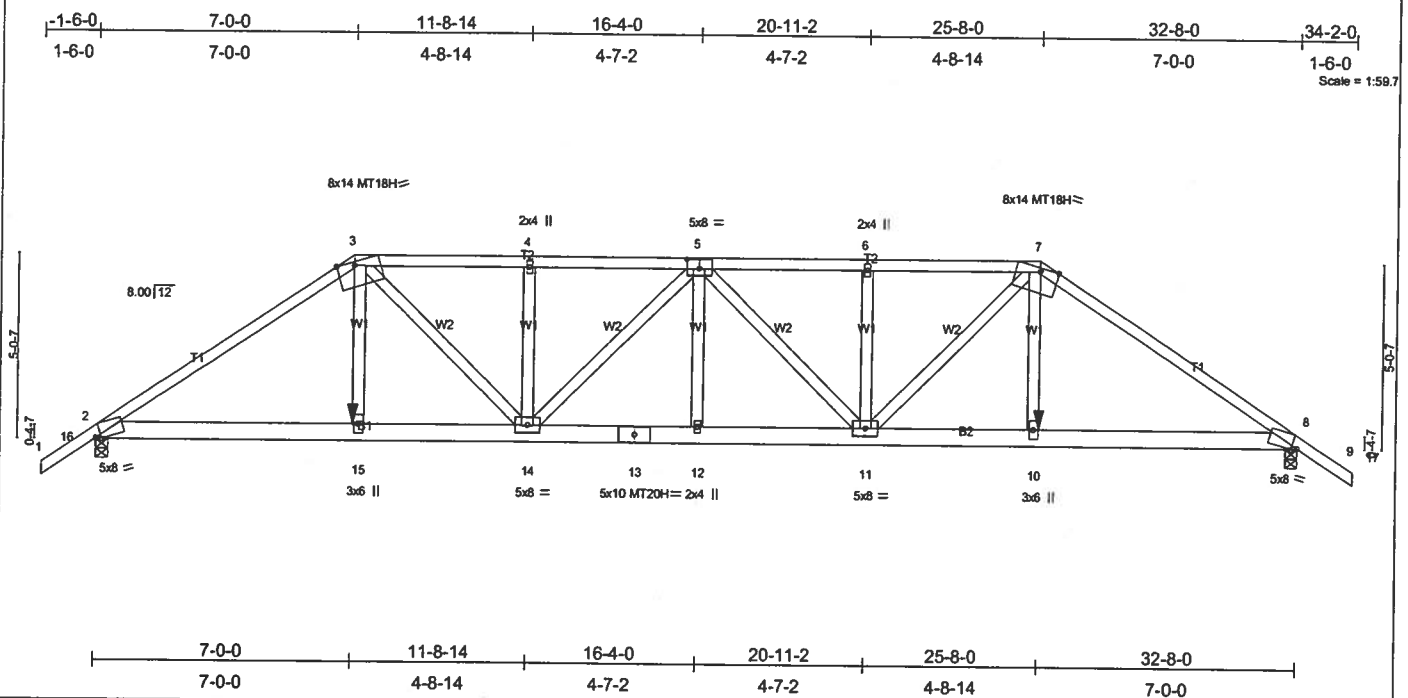


Plate Offsets (X,Y): [2:0-1-13,Edge], [3:0-6-0,Edge], [5:0-4-0-0-3-0], [7:0-6-0,Edge], [8:0-1-13,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0 Plates Increase 1.25	TC 0.77	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.65	Vert(LL) 0.32 12 >999 240	MT20H	187/143
BCLL 10.0	Rep Stress Incr NO	WB 0.89	Vert(TL) -0.48 12 >803 180	MT18H	244/190
BCDL 5.0	Code FBC2004/TP12002	(Matrix)	Horz(TL) 0.13 8 n/a n/a		Weight: 203 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 2-5-2 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 4-7-8 oc bracing.

REACTIONS (lb/size) 2=2870/0-4-0, 8=2870/0-4-0
 Max Horz 2=-165(load case 2)
 Max Uplift 2=-1573(load case 3), 8=-1573(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-16=0/0, 2-16=0/33, 2-3=-4650/2707, 3-4=-5032/3083, 4-5=-5031/3084, 5-6=-5031/3084, 6-7=-5032/3083, 7-8=-4650/2708, 8-17=0/33, 9-17=0/0
 BOT CHORD 2-15=-2308/3765, 14-15=-2319/3791, 13-14=-3314/5459, 12-13=-3314/5459, 11-12=-3314/5459, 10-11=-2155/3791, 8-10=-2143/3764
 WEBS 3-15=-389/846, 3-14=-1248/1829, 4-14=-550/641, 5-14=-636/413, 5-12=0/323, 5-11=-636/411, 6-11=-550/641, 7-11=-1249/1829, 7-10=-389/846

JOINT STRESS INDEX
 2 = 0.86, 3 = 0.97, 4 = 0.37, 5 = 0.67, 6 = 0.37, 7 = 0.97, 8 = 0.86, 10 = 0.28, 11 = 0.87, 12 = 0.34, 13 = 0.73, 14 = 0.87 and 15 = 0.28

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf, Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
 - Provide adequate drainage to prevent water ponding.
 - All plates are MT20 plates unless otherwise indicated.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1573 lb uplift at joint 2 and 1573 lb uplift at joint 8.
 - Girder carries hip end with 7-0-0 end setback.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 410 lb up at 25-8-0, and 539 lb down and 410 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 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

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 3-16=-54, 3-7=-117(F=-63), 7-17=-54, 2-15=-30, 10-15=-65(F=-35), 8-10=-30
 Concentrated Loads (lb)
 Vert: 15=-539(F) 10=-539(F)

Job L212217	Truss T02	Truss Type HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, Fl 32055

Job Reference (optional)
6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:26:43 2006 Page 1

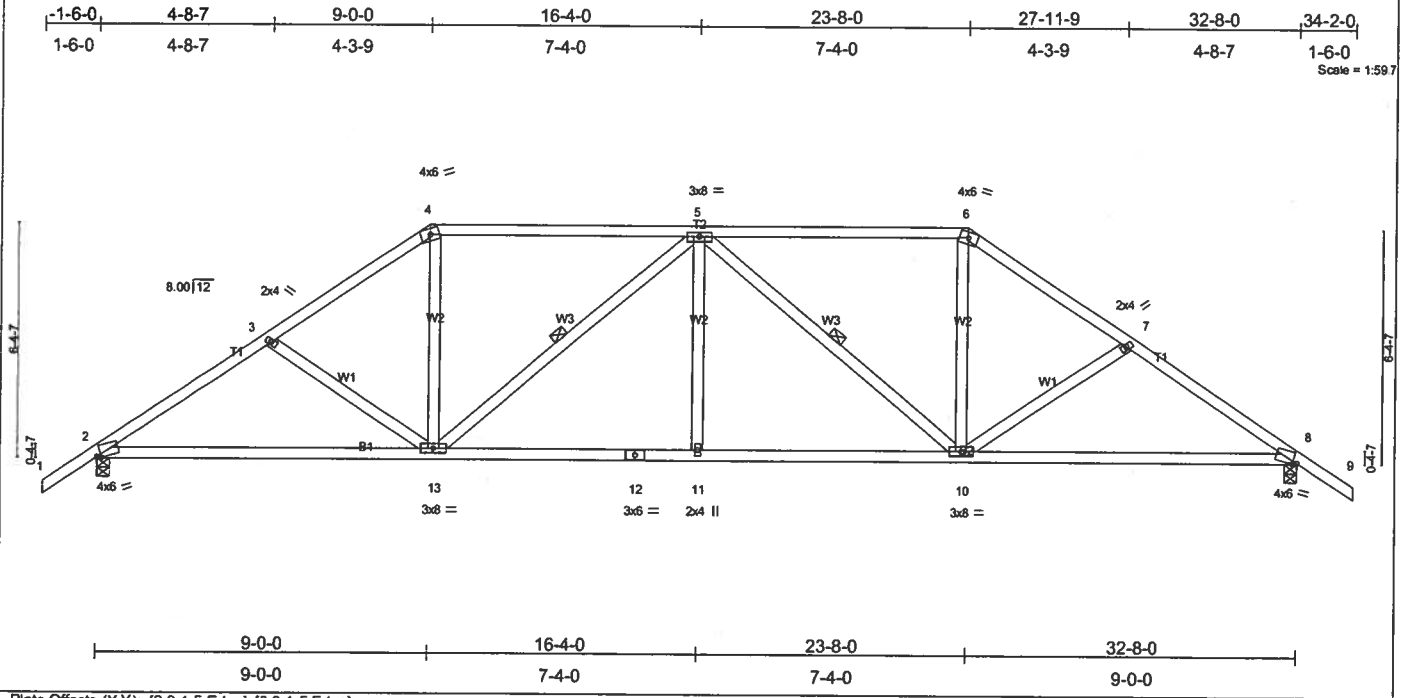


Plate Offsets (X,Y): [2:0-1-5,Edge], [8:0-1-5,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.37	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.57	Vert(LL) -0.18 2-13 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.23	Vert(TL) -0.31 2-13 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.09 8 n/a n/a		
	Code FBC2004/TPI2002				Weight: 177 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-1-6 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 7-8-2 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-13, 5-10

REACTIONS (lb/size) 2=1448/0-4-0, 8=1448/0-4-0
 Max Horz 2=-216(load case 3)
 Max Uplift 2=481(load case 5), 8=481(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-2021/615, 3-4=-1836/599, 4-5=-1496/550, 5-6=-1496/549, 6-7=-1836/600, 7-8=-2021/615, 8-9=0/45
 BOT CHORD 2-13=-635/1622, 12-13=-674/1851, 11-12=-674/1851, 10-11=-674/1851, 8-10=-420/1622
 WEBS 3-13=-175/204, 4-13=-119/663, 5-13=-546/353, 5-11=0/186, 5-10=-546/353, 6-10=-119/663, 7-10=-175/204

JOINT STRESS INDEX
 2 = 0.83, 3 = 0.34, 4 = 0.66, 5 = 0.57, 6 = 0.66, 7 = 0.34, 8 = 0.83, 10 = 0.57, 11 = 0.34, 12 = 0.66 and 13 = 0.57

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 481 lb uplift at joint 2 and 481 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L212217	Truss T03	Truss Type HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:45 2006 Page 1

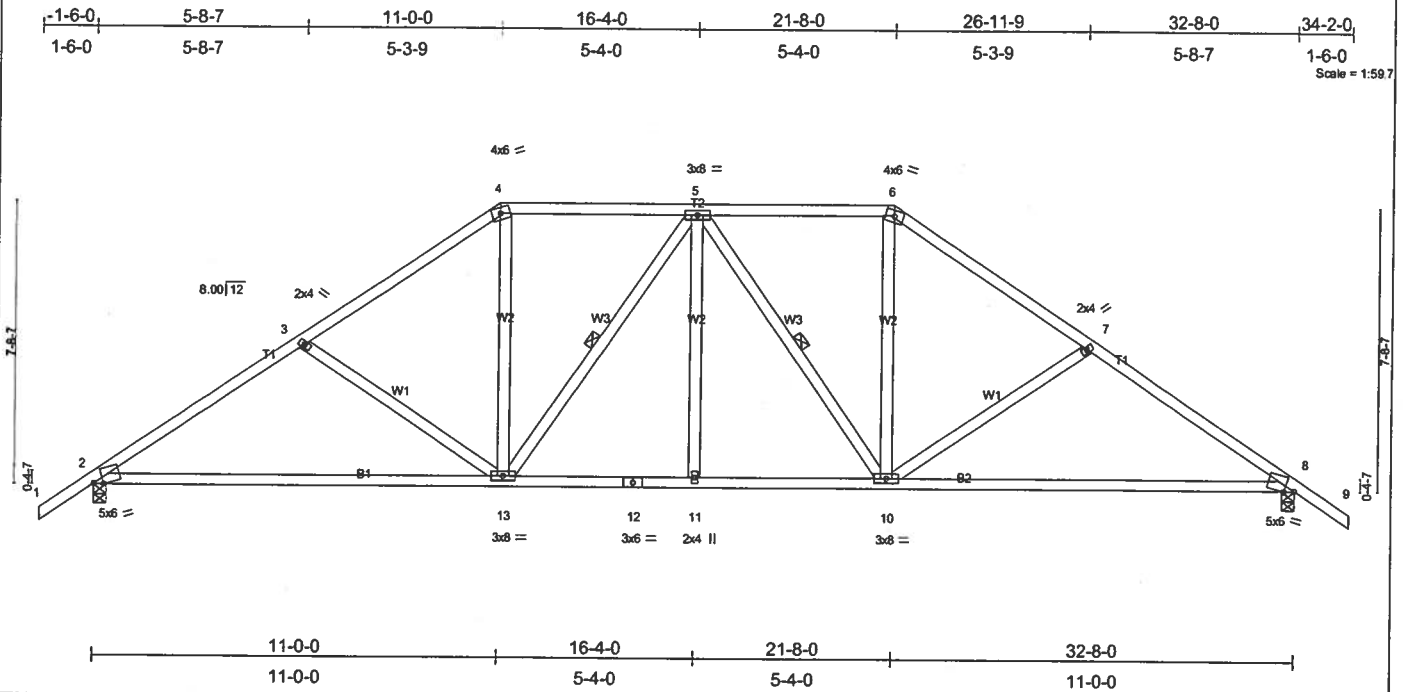


Plate Offsets (X,Y): [2:0-3-1,Edge], [8:0-3-1,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.44	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.77	Vert(LL) -0.35 2-13 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.22	Vert(TL) -0.60 2-13 >644 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.08 8 n/a n/a		
	Code FBC2004/TP12002				Weight: 186 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-10-5 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 8-4-3 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-13, 5-10

REACTIONS (lb/size) 2=1448/0-4-0, 8=1448/0-4-0
 Max Horz 2=262(load case 4)
 Max Uplift 2=496(load case 5), 8=496(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-1976/593, 3-4=-1723/528, 4-5=-1372/502, 5-6=-1372/502, 6-7=-1723/528, 7-8=-1976/594, 8-9=0/45
 BOT CHORD 2-13=-569/1591, 12-13=-455/1481, 11-12=-455/1481, 10-11=-455/1481, 8-10=-332/1591
 WEBS 3-13=-284/276, 4-13=-125/626, 5-13=-295/278, 5-11=0/33, 5-10=-295/277, 6-10=-124/626, 7-10=-284/277

JOINT STRESS INDEX
 2 = 0.90, 3 = 0.34, 4 = 0.50, 5 = 0.58, 6 = 0.50, 7 = 0.34, 8 = 0.90, 10 = 0.58, 11 = 0.34, 12 = 0.55 and 13 = 0.58

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 496 lb uplift at joint 2 and 496 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L212217	Truss T04	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:26:46 2006 Page 1

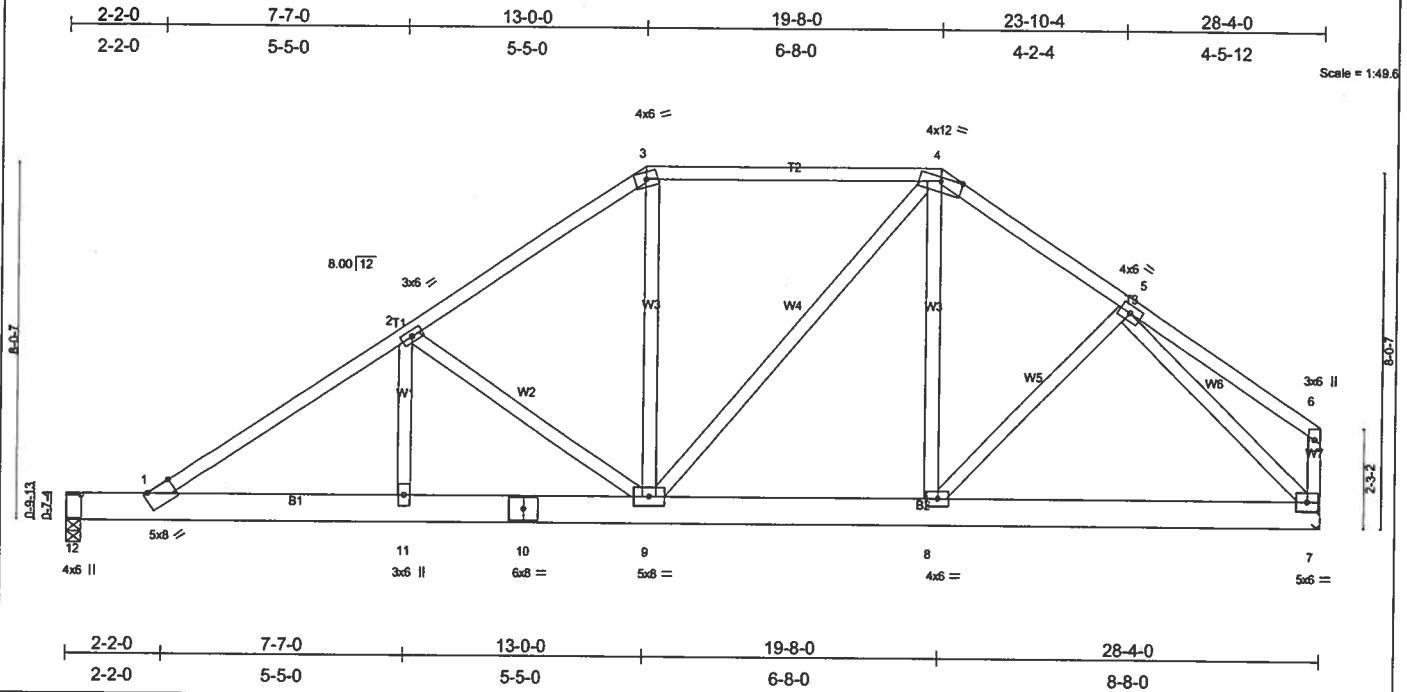


Plate Offsets (X,Y): [1:0-6-10,Edge], [1:0-0-12,1-5-15]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.42	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.57	Vert(LL) -0.16 1-11 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.76	Vert(TL) -0.26 1-11 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.02 7 n/a n/a		
	Code FBC2004/TPI2002				Weight: 203 lb

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-11-11 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 9-7-13 oc bracing.

REACTIONS (lb/size) 12=1144/0-4-0, 7=1176/Mechanical
 Max Horz 12=256(load case 4)
 Max Uplift 12=306(load case 5), 7=336(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2191/650, 2-3=-1390/469, 3-4=-1096/460, 4-5=-1206/411, 5-6=-216/139, 6-7=-208/147
 BOT CHORD 1-12=-256/205, 1-11=-603/1759, 10-11=-603/1759, 9-10=-603/1759, 8-9=-221/964, 7-8=-237/878
 WEBS 2-11=-116/635, 2-9=-822/402, 3-9=-91/399, 4-9=-174/272, 4-8=-49/188, 5-8=-141/218, 5-7=-1132/300

JOINT STRESS INDEX
 1 = 0.41, 1 = 0.00, 2 = 0.48, 3 = 0.65, 4 = 0.90, 5 = 0.33, 6 = 0.32, 7 = 0.34, 8 = 0.26, 9 = 0.28, 10 = 0.32 and 11 = 0.21

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 306 lb uplift at joint 12 and 336 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L212217	Truss T05	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:26:47 2006 Page 1

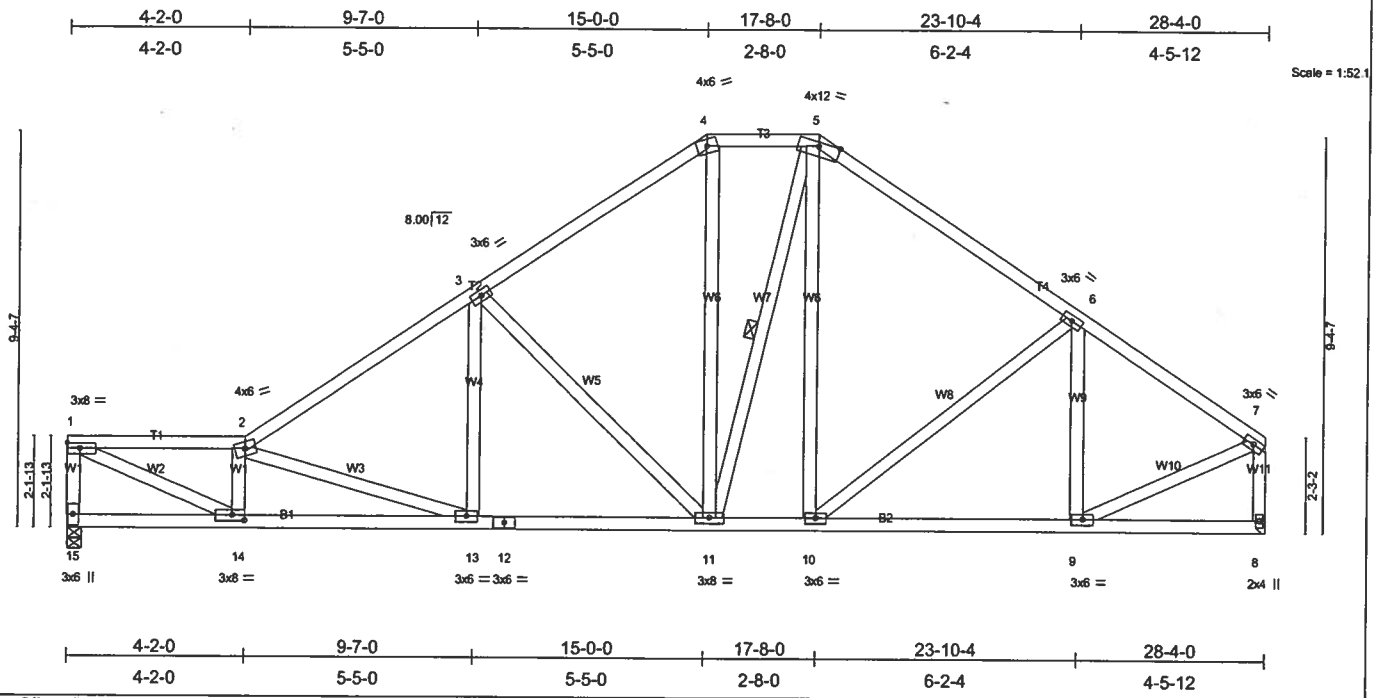


Plate Offsets (X,Y): [14:0-3-8,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.33	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.55	Vert(LL) -0.13 13-14 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.73	Vert(TL) -0.20 13-14 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 8 n/a n/a		
	Code FBC2004/TPI2002			Weight: 196 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-3-1 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS 2 X 4 SYP No.3	8-0-5 oc bracing: 13-14.
	WEBS 1 Row at midpt 5-11

REACTIONS (lb/size) 15=1178/0-4-0, 8=1178/Mechanical
 Max Horz 15=250(load case 4)
 Max Uplift 15=-295(load case 6), 8=-349(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-15=-1099/323, 1-2=-2154/588, 2-3=-1753/491, 3-4=-1187/442, 4-5=920/412, 5-6=-1147/410, 6-7=-1160/358, 7-8=-1122/355
 BOT CHORD 14-15=-257/205, 13-14=-619/2224, 12-13=-345/1402, 11-12=-345/1402, 10-11=-141/878, 9-10=-237/922, 8-9=-23/44
 WEBS 1-14=-626/2288, 2-14=-887/314, 2-13=-868/289, 3-13=-61/473, 3-11=-684/275, 4-11=-186/425, 5-11=-204/278, 5-10=-80/212, 6-10=-125/176, 6-9=-243/141, 7-9=-236/970

JOINT STRESS INDEX
 1 = 0.76, 2 = 0.56, 3 = 0.43, 4 = 0.35, 5 = 0.73, 6 = 0.43, 7 = 0.59, 8 = 0.53, 9 = 0.56, 10 = 0.35, 11 = 0.69, 12 = 0.53, 13 = 0.35, 14 = 0.92 and 15 = 0.28

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 295 lb uplift at joint 15 and 349 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L212217	Truss T06	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:48 2006 Page 1

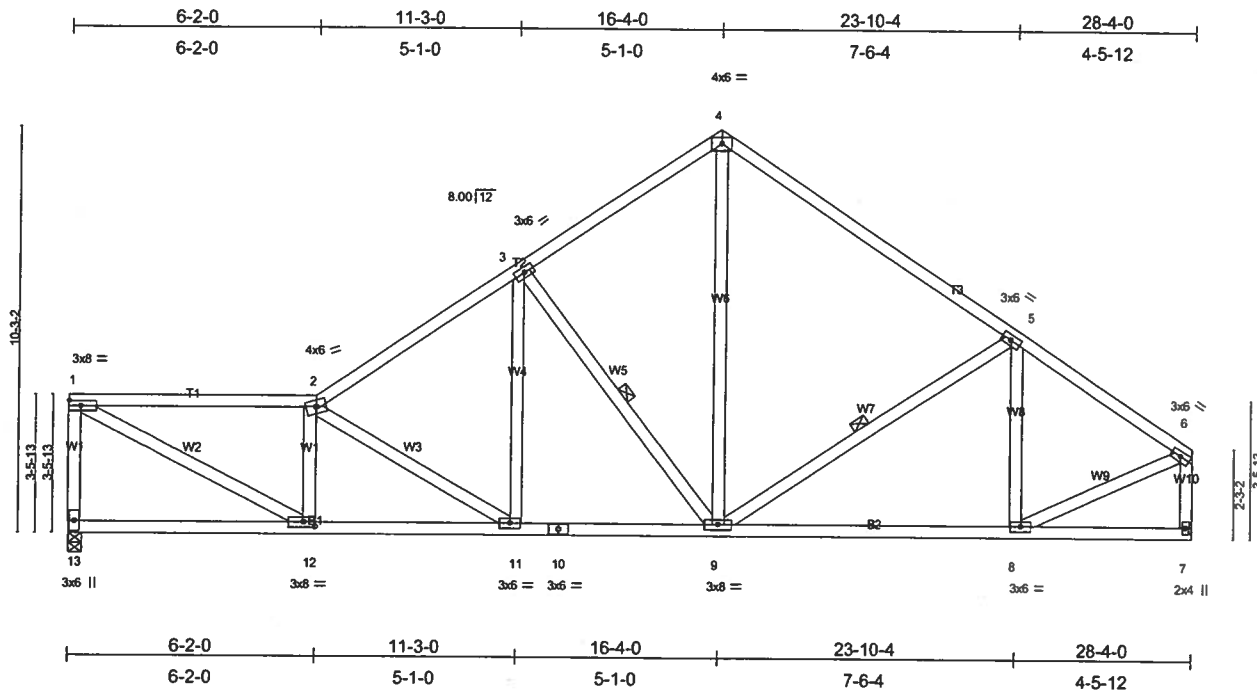


Plate Offsets (X,Y): [12:0-3-8,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.60	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.44	Vert(LL) -0.12 8-9 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.62	Vert(TL) -0.20 8-9 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 7 n/a n/a		
	Code FBC2004/TPI2002			Weight: 183 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 4-6-8 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 9-3-8 oc bracing.
 WEBS 1 Row at midpt 3-9, 5-9

REACTIONS (lb/size) 13=1178/0-4-0, 7=1178/Mechanical
 Max Horz 13=-271(load case 3)
 Max Uplift 13=-310(load case 6), 7=-352(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-13=-1081/340, 1-2=-1772/492, 2-3=-1551/485, 3-4=-1077/450, 4-5=-1128/402, 5-6=-1172/365, 6-7=-1132/357
 BOT CHORD 12-13=-251/231, 11-12=-459/1806, 10-11=-261/1225, 9-10=-261/1225, 8-9=-252/939, 7-8=-11/27
 WEBS 1-12=-541/1927, 2-12=-761/302, 2-11=-685/234, 3-11=-100/502, 3-9=-637/247, 4-9=-233/756, 5-9=-191/218, 5-8=-234/158, 6-8=-267/1008

JOINT STRESS INDEX
 1 = 0.66, 2 = 0.74, 3 = 0.43, 4 = 0.76, 5 = 0.43, 6 = 0.62, 7 = 0.44, 8 = 0.58, 9 = 0.58, 10 = 0.41, 11 = 0.35, 12 = 0.80 and 13 = 0.35

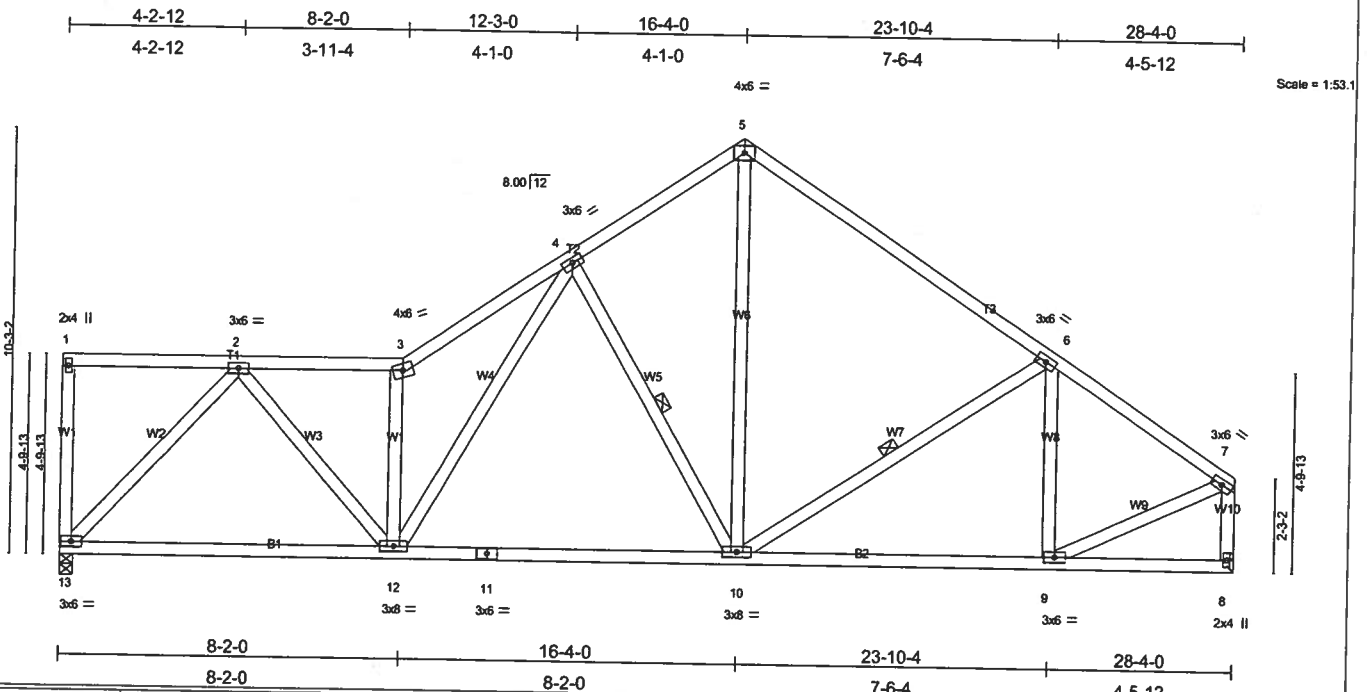
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 310 lb uplift at joint 13 and 352 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L212217	Truss T07	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055
 Job Reference (optional)
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LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TP12002	CSI TC 0.41 BC 0.42 WB 0.85 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.14 10-12 >999 240 Vert(TL) -0.22 10-12 >999 180 Horz(TL) 0.04 8 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 187 lb
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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 4-5-7 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt 4-10, 6-10
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REACTIONS (lb/size) 13=1178/0-4-0, 8=1178/Mechanical
 Max Horz 13=-266(load case 3)
 Max Uplift 13=316(load case 6), 8=-346(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-13=-108/79, 1-2=-39/3, 2-3=-1521/429, 3-4=-1933/596, 4-5=-1060/443, 5-6=-1133/393, 6-7=-1168/360, 7-8=-1127/352
 BOT CHORD 12-13=-264/904, 11-12=-217/1116, 10-11=-217/1116, 9-10=-248/937, 8-9=-10/30
 WEBS 2-13=-1291/409, 2-12=-256/959, 3-12=-1247/442, 4-12=-250/879, 4-10=-570/231, 5-10=-231/777, 6-10=-180/221, 6-9=-245/154, 7-9=-262/1002

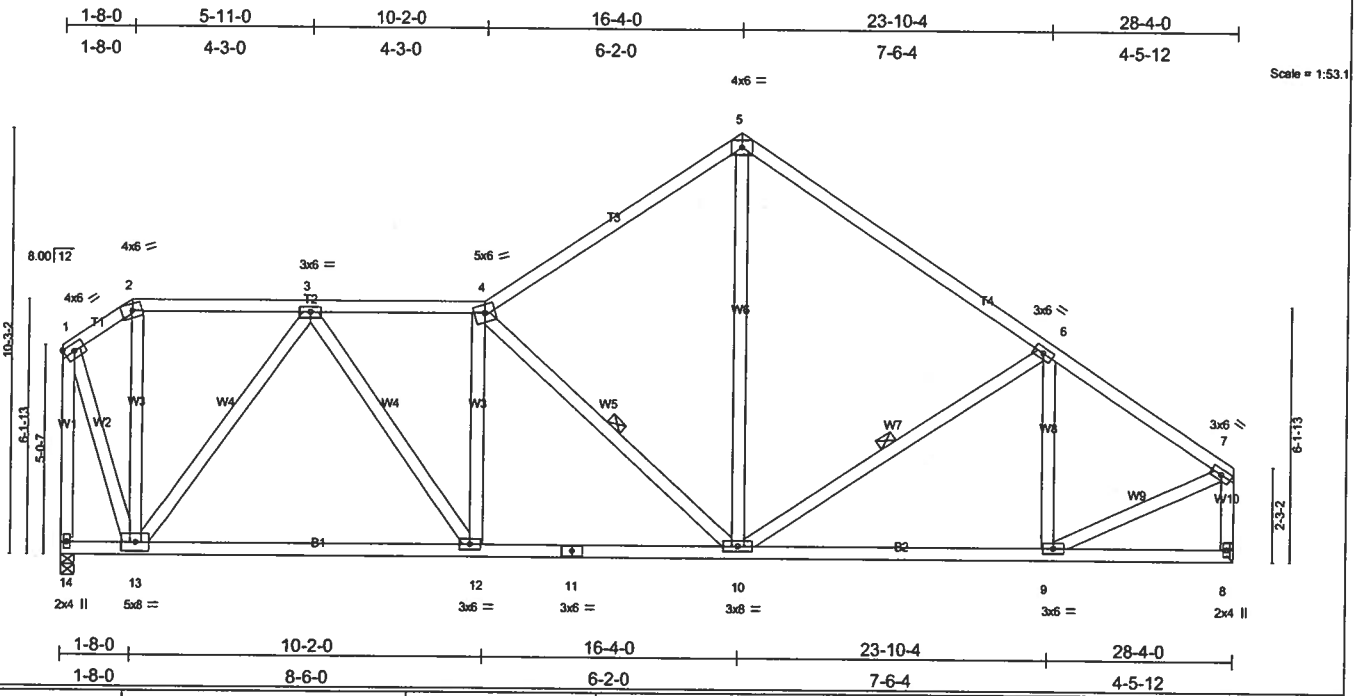
JOINT STRESS INDEX
 1 = 0.69, 2 = 0.66, 3 = 0.62, 4 = 0.61, 5 = 0.77, 6 = 0.43, 7 = 0.61, 8 = 0.47, 9 = 0.57, 10 = 0.60, 11 = 0.46, 12 = 0.96 and 13 = 0.56

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 316 lb uplift at joint 13 and 346 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L212217	Truss T08	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
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LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TP12002	CSI TC 0.81 BC 0.48 WB 0.89 (Matrix)	DEFL in (loc) l/def L/d Vert(LL) -0.13 12-13 >999 240 Vert(TL) -0.22 12-13 >999 180 Horz(TL) 0.04 8 n/a n/a	PLATES GRIP MT20 244/190 Weight: 197 lb
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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 5-4-10 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 9-9-13 oc bracing. WEBS 1 Row at midpt 4-10, 6-10
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REACTIONS (lb/size) 14=1178/0-4-0, 8=1178/Mechanical
Max Horz 14=-264(load case 3)
Max Uplift 14=402(load case 5), 8=-345(load case 6)

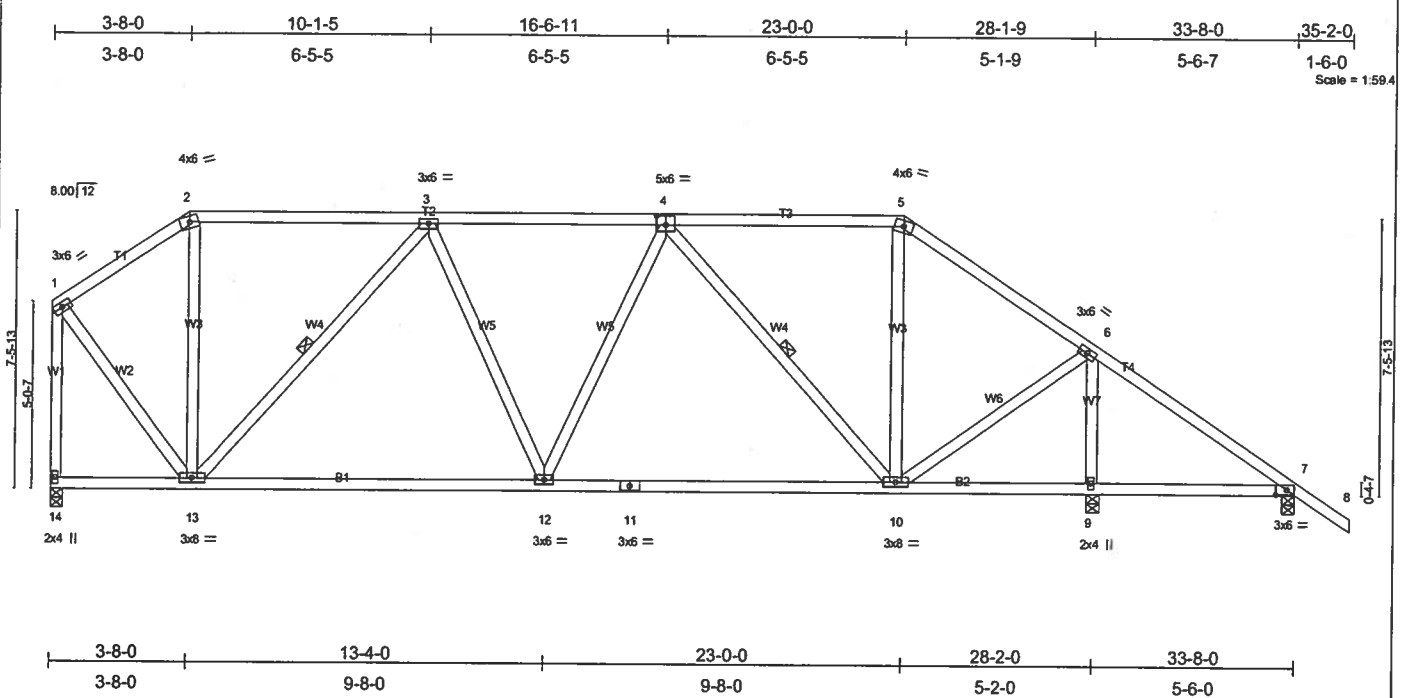
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-425/143, 2-3=-348/151, 3-4=-1326/472, 4-5=-1097/432, 5-6=-1128/432, 6-7=-1171/357, 1-14=-1230/377, 7-8=-1132/350
BOT CHORD 13-14=-190/281, 12-13=-294/915, 11-12=-412/1335, 10-11=-412/1335, 9-10=-245/938, 8-9=-13/29
WEBS 2-13=0/109, 3-13=-990/363, 3-12=-209/716, 4-12=-367/215, 4-10=-685/325, 5-10=-227/727, 6-10=-191/217, 6-9=-232/154, 1-13=-306/1041, 7-9=-257/1004

JOINT STRESS INDEX
1 = 0.61, 2 = 0.29, 3 = 0.53, 4 = 0.63, 5 = 0.82, 6 = 0.43, 7 = 0.61, 8 = 0.44, 9 = 0.58, 10 = 0.57, 11 = 0.46, 12 = 0.53, 13 = 0.62 and 14 = 0.45

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Refer to girder(s) for truss to truss connections.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 402 lb uplift at joint 14 and 345 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L212217	Truss T09	Truss Type HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:52 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.68	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.52	Vert(LL) -0.16 10-12 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.39	Vert(TL) -0.27 10-12 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 9 n/a n/a		
	Code FBC2004/TP12002			Weight: 208 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 5-9-11 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 3-13, 4-10

REACTIONS (lb/size) 14=1147/0-4-0, 9=1564/0-4-0, 7=181/0-4-0
 Max Horz 14=-316(load case 6)
 Max Uplift 14=423(load case 4), 9=-596(load case 3), 7=-244(load case 6)
 Max Grav 14=1147(load case 1), 9=1564(load case 1), 7=184(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-688/273, 2-3=-547/270, 3-4=-1110/505, 4-5=-650/347, 5-6=-855/363, 6-7=-112/280, 7-8=0/45, 1-14=-1136/422
 BOT CHORD 13-14=-86/311, 12-13=-502/1025, 11-12=-487/1059, 10-11=-487/1059, 9-10=-183/134, 7-9=-183/134
 WEBS 2-13=0/116, 3-13=-744/439, 3-12=-23/219, 4-12=0/143, 4-10=-656/402, 5-10=-22/178, 6-10=-385/985, 6-9=-1404/520, 1-13=-363/897

JOINT STRESS INDEX
 1 = 0.70, 2 = 0.51, 3 = 0.47, 4 = 0.56, 5 = 0.52, 6 = 0.68, 7 = 0.42, 9 = 0.51, 10 = 0.95, 11 = 0.39, 12 = 0.47, 13 = 0.92 and 14 = 0.42

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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) Provide adequate drainage to prevent water ponding.
 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint 14, 596 lb uplift at joint 9 and 244 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L212217	Truss T10	Truss Type HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
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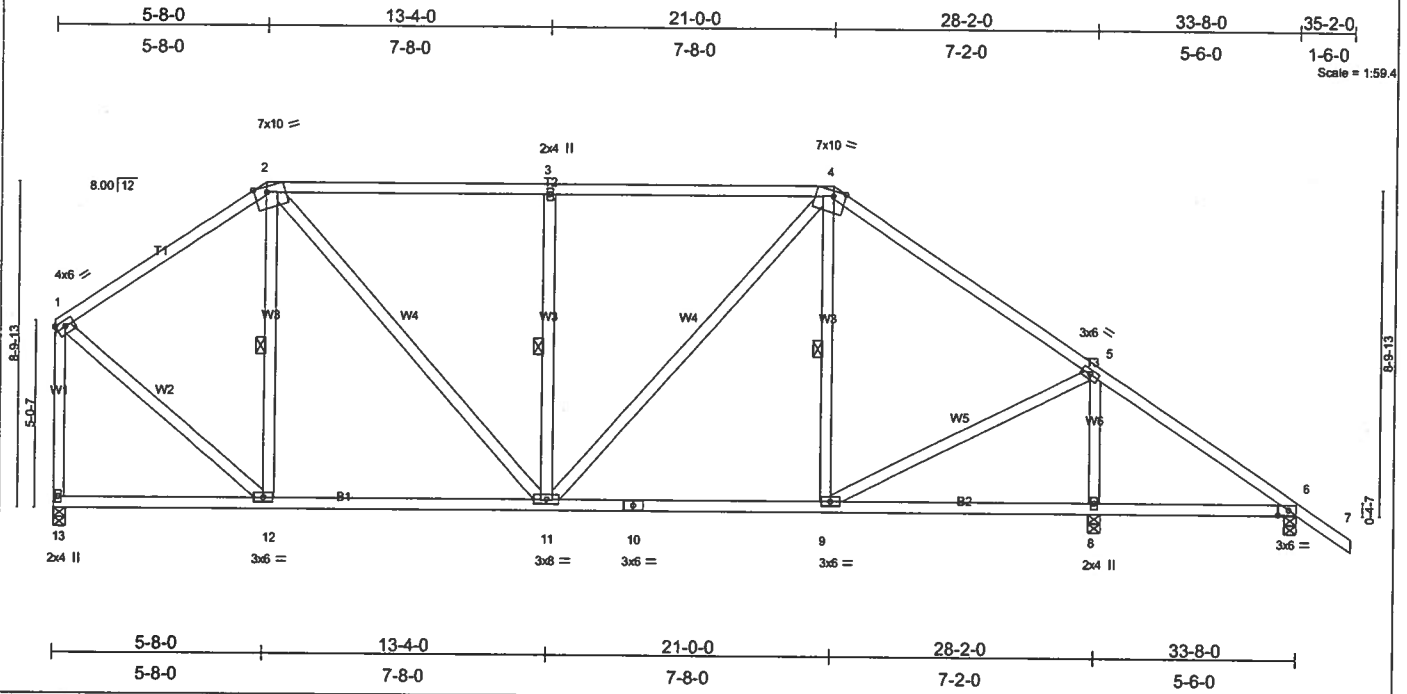


Plate Offsets (X,Y): [1:Edge,0-1-12], [2:0-4-0,Edge], [4:0-4-0,Edge], [6:0-3-9,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.83	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.32	Vert(LL) -0.08 11-12 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.77	Vert(TL) -0.13 11-12 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.02 8 n/a n/a		
	Code FBC2004/TP12002			Weight: 212 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 5-11-1 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 2-12, 3-11, 4-9

REACTIONS (lb/size) 13=1165/0-4-0, 8=1459/0-4-0, 6=267/0-4-0
 Max Horz 13=-335(load case 6)
 Max Uplift 13=-358(load case 4), 8=-482(load case 3), 6=-249(load case 6)
 Max Grav 13=1165(load case 1), 8=1459(load case 1), 6=270(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-853/306, 2-3=-995/445, 3-4=-995/445, 4-5=-1017/373, 5-6=-73/96, 6-7=0/45, 1-13=-1092/369
 BOT CHORD 12-13=-138/323, 11-12=-324/647, 10-11=-243/757, 9-10=-243/757, 8-9=-35/104, 6-8=-35/104
 WEBS 2-12=-327/252, 2-11=-342/561, 3-11=-440/391, 4-11=-294/424, 4-9=-163/186, 5-9=-294/852, 5-8=-1248/431, 1-12=-329/823

JOINT STRESS INDEX
 1 = 0.69, 2 = 0.64, 3 = 0.34, 4 = 0.74, 5 = 0.54, 6 = 0.58, 8 = 0.46, 9 = 0.49, 10 = 0.34, 11 = 0.57, 12 = 0.50 and 13 = 0.64

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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) Provide adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 358 lb uplift at joint 13, 482 lb uplift at joint 8 and 249 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L212217	Truss T11	Truss Type HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055
 Job Reference (optional)
 6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:54 2006 Page 1

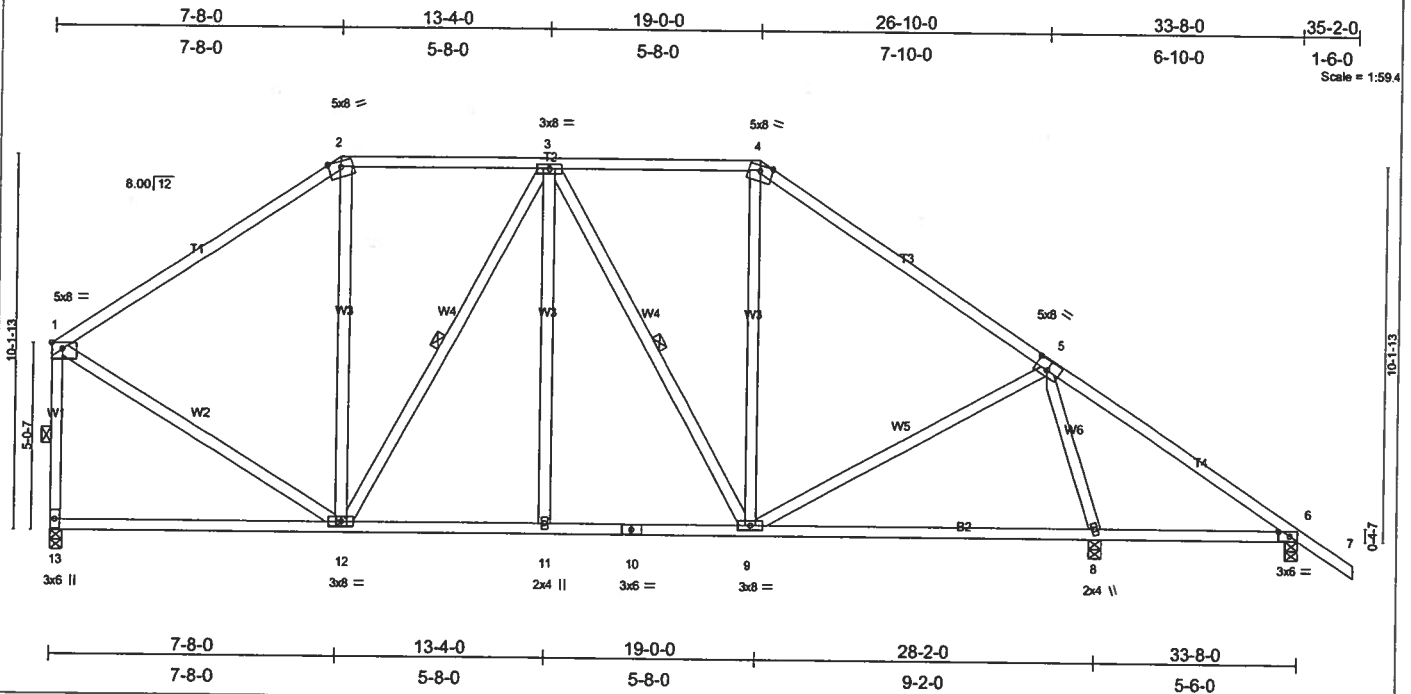


Plate Offsets (X,Y): [1:Edge 0-1-14], [5:0-4-0-0-3-0], [6:0-3-9-0-1-8]

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TP12002	CSI TC 0.74 BC 0.47 WB 0.54 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.14 8-9 >999 240 Vert(TL) -0.24 8-9 >999 180 Horz(TL) 0.02 8 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 225 lb
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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 5-9-2 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 6-8. WEBS 1 Row at midpt 3-12, 3-9, 1-13
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REACTIONS (lb/size) 13=1160/0-4-0, 8=1503/0-4-0, 6=228/0-4-0
 Max Horz 13=354(load case 6)
 Max Uplift 13=332(load case 5), 8=465(load case 6), 6=251(load case 6)
 Max Grav 13=1160(load case 1), 8=1503(load case 1), 6=232(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=935/325, 2-3=688/354, 3-4=752/400, 4-5=1021/369, 5-6=46/203, 6-7=0/45, 1-13=1044/356
 BOT CHORD 12-13=201/365, 11-12=331/824, 10-11=331/824, 9-10=331/824, 8-9=24/295, 6-8=78/150
 WEBS 2-12=84/184, 3-12=358/288, 3-11=0/124, 3-9=250/255, 4-9=61/204, 5-9=210/525, 5-8=1284/451, 1-12=271/731

JOINT STRESS INDEX
 1 = 0.80, 2 = 0.71, 3 = 0.61, 4 = 0.70, 5 = 0.65, 6 = 0.49, 8 = 0.49, 9 = 0.61, 10 = 0.31, 11 = 0.34, 12 = 0.70 and 13 = 0.43

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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) Provide adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 332 lb uplift at joint 13, 465 lb uplift at joint 8 and 251 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L212217	Truss T12	Truss Type HIP	Qty 4	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:55 2006 Page 1

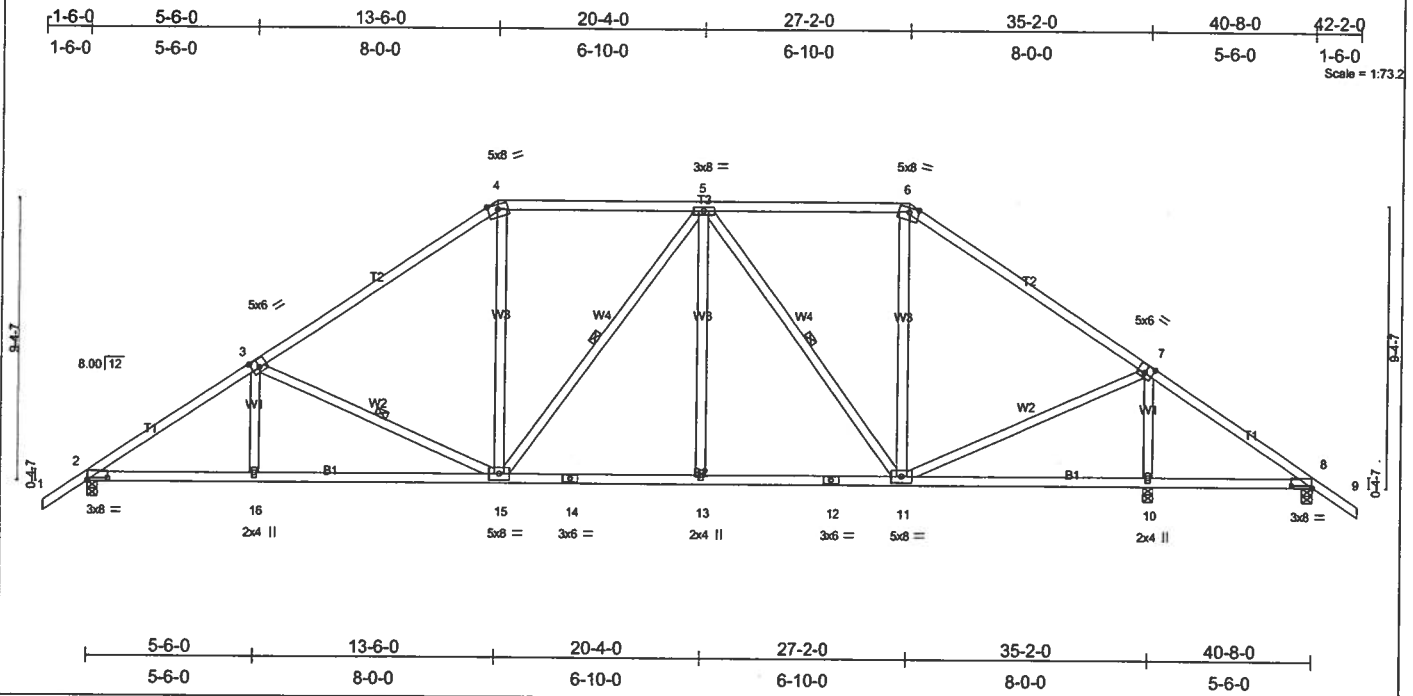


Plate Offsets (X,Y): [2:0-8-3,0-0-14], [3:0-3-0,0-3-4], [7:0-3-0,0-3-4], [8:0-8-3,0-0-14]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.51	Vert(LL) -0.17 15-16 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.53	Vert(TL) -0.28 15-16 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.58	Horz(TL) 0.07 10 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			Weight: 242 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-9-8 oc purlins, except 2-0-0 oc purlins (5-1-5 max.); 4-6.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 3-15, 5-15, 5-11

REACTIONS (lb/size) 2=1526/0-4-0, 10=1948/0-4-0, 8=94/0-4-0
 Max Horz 2=-320(load case 3)
 Max Uplift 2=531(load case 5), 10=-576(load case 6), 8=-219(load case 6)
 Max Grav 2=1526(load case 1), 10=1948(load case 1), 8=136(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-2272/649, 3-4=-1707/552, 4-5=-1331/551, 5-6=-949/444, 6-7=-1254/434, 7-8=-118/384, 8-9=0/45
 BOT CHORD 2-16=-694/1810, 15-16=-694/1806, 14-15=-512/1330, 13-14=-512/1330, 12-13=-512/1330, 11-12=-512/1330, 10-11=-241/139, 8-10=-264/148
 WEBS 3-16=0/221, 3-15=-536/350, 4-15=-100/475, 5-15=-162/275, 5-13=0/182, 5-11=-716/389, 6-11=-85/309, 7-11=-414/1265, 7-10=-1716/552

JOINT STRESS INDEX
 2 = 0.84, 3 = 0.77, 4 = 0.82, 5 = 0.58, 6 = 0.82, 7 = 0.77, 8 = 0.84, 10 = 0.63, 11 = 0.58, 12 = 0.50, 13 = 0.34, 14 = 0.50, 15 = 0.58 and 16 = 0.63

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 531 lb uplift at joint 2, 576 lb uplift at joint 10 and 219 lb uplift at joint 8.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job L212217	Truss T13	Truss Type MONO HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:57 2006 Page 1

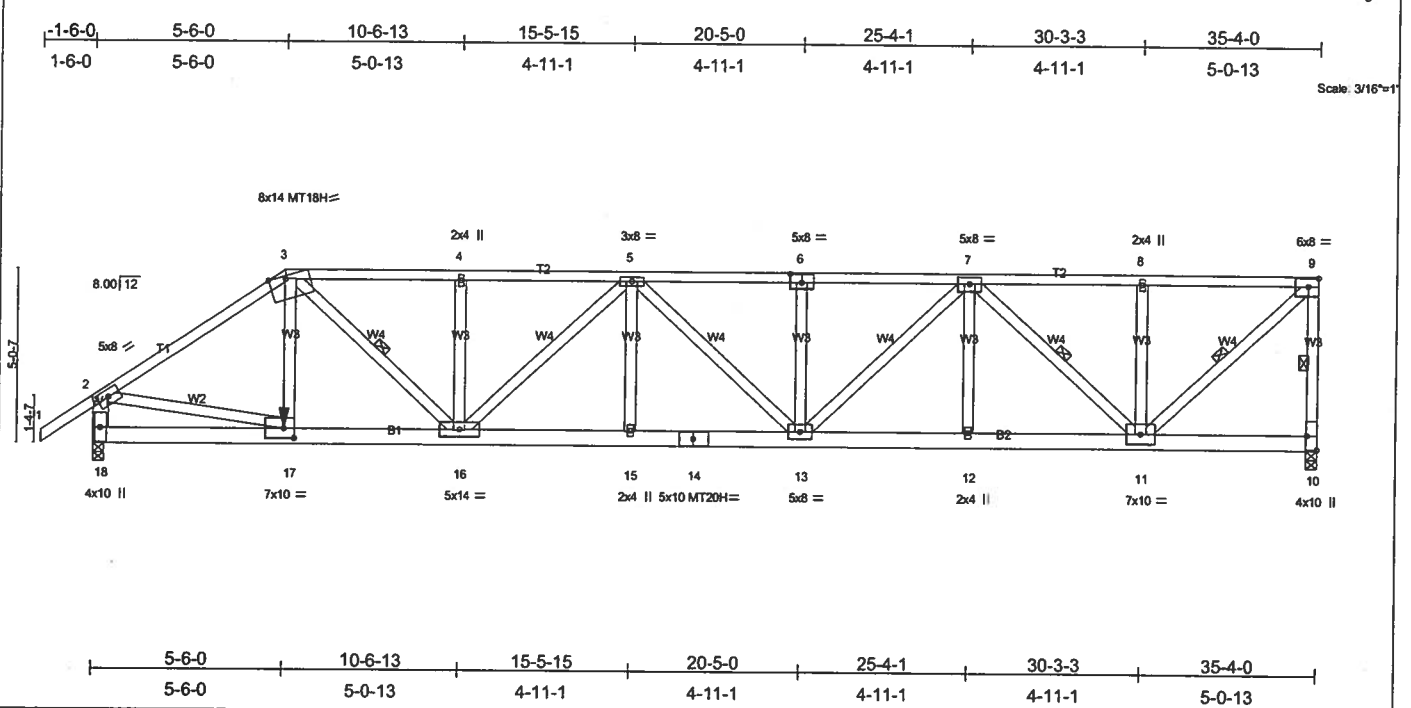


Plate Offsets (X,Y): [3:0-6-0,Edge], [6:0-4-0,0-3-0], [10:Edge,0-3-8], [17:0-3-8,0-3-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.95	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.72	Vert(LL) 0.41 13-15 >999 240	MT20H	187/143
BCLL 10.0	Lumber Increase 1.25	WB 0.96	Vert(TL) -0.59 13-15 >708 180	MT18H	244/190
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.12 10 n/a n/a		
	Code FBC2004/TP12002			Weight: 250 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 *Except*
 W4 2 X 4 SYP No.2, W4 2 X 4 SYP No.2, W4 2 X 4 SYP No.2, W4 2 X 4 SYP No.2
 W4 2 X 4 SYP No.2, W4 2 X 4 SYP No.2, W1 2 X 6 SYP No.1D

BRACING
 TOP CHORD Structural wood sheathing directly applied or 2-2-3 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 4-4-5 oc bracing.
 WEBS 1 Row at midpt 9-10, 3-16, 7-11, 9-11

REACTIONS (lb/size) 10=3205/0-4-0, 18=3153/0-4-0
 Max Horz 18=265(load case 4)
 Max Uplift 10=-1997(load case 2), 18=-1682(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/52, 2-3=-3991/2296, 3-4=-5155/3146, 4-5=-5154/3147, 5-6=-5942/3676, 6-7=-5942/3676, 7-8=-2967/1842, 8-9=-2967/1842,
 9-10=-3022/1985, 2-18=3007/1656
 BOT CHORD 17-18=-375/364, 16-17=-1936/3252, 15-16=-3716/6032, 14-15=-3716/6032, 13-14=-3716/6032, 12-13=-3074/4945, 11-12=-3074/4945,
 10-11=-53/66
 WEBS 3-17=-11/153, 3-16=-1686/2581, 4-16=-585/674, 5-16=-1209/783, 5-15=0/338, 5-13=-124/108, 6-13=-567/625, 7-13=-829/1373, 7-12=0/350,
 7-11=-2725/1697, 8-11=-590/655, 9-11=-2464/3996, 2-17=-1883/2949

JOINT STRESS INDEX
 2 = 0.88, 3 = 0.85, 4 = 0.39, 5 = 0.60, 6 = 0.97, 7 = 0.65, 8 = 0.37, 9 = 0.79, 10 = 0.64, 11 = 0.96, 12 = 0.34, 13 = 0.65, 14 = 0.81, 15 = 0.34, 16 = 0.92, 17 = 0.70 and 18 = 0.58

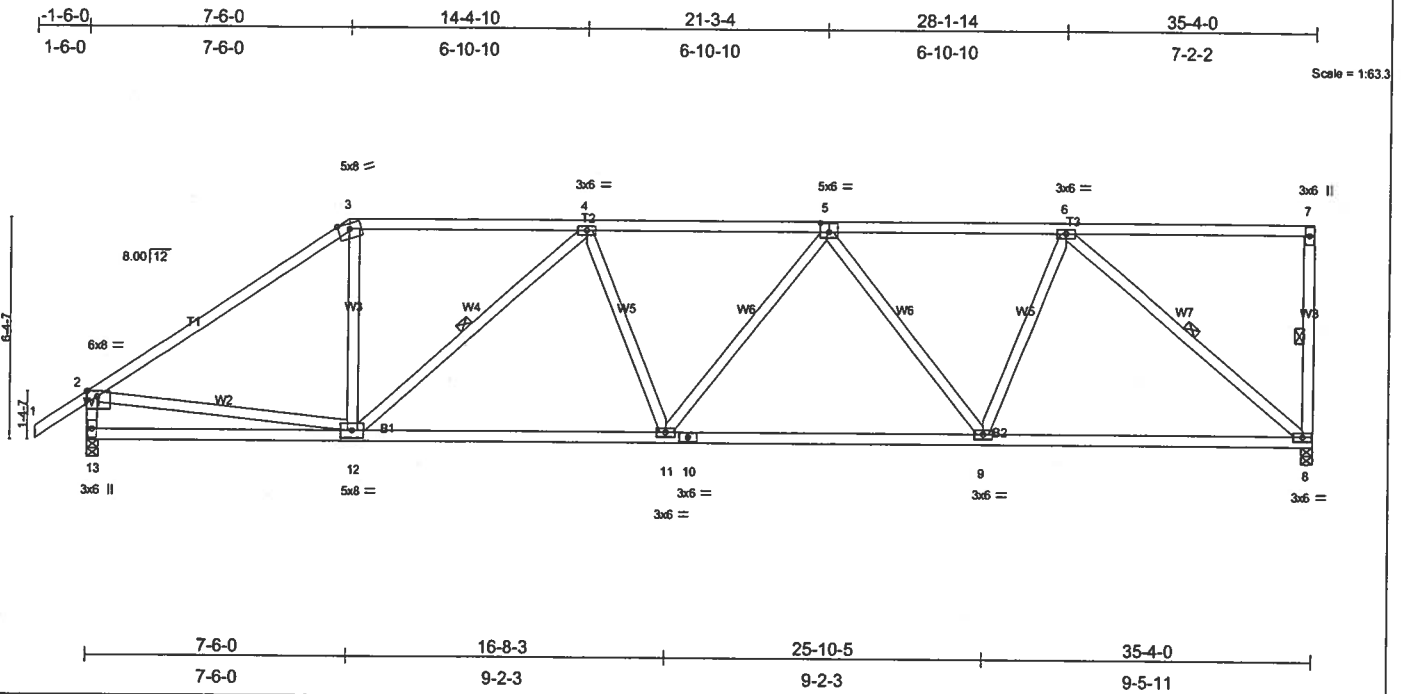
NOTES
 1) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 2) Provide adequate drainage to prevent water ponding.
 3) All plates are MT20 plates unless otherwise indicated.
 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 1997 lb uplift at joint 10 and 1682 lb uplift at joint 18.
 6) Girder carries hip end with 0-0-0 right side setback, 5-6-0 left side setback, and 7-0-0 end setback.
 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 424 lb down and 322 lb up at 5-6-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54, 2-3=-54, 3-9=-117(F=-63), 17-18=30, 10-17=-65(F=-35)
 Concentrated Loads (lb)
 Vert: 17=424(F)

Job L212217	Truss T14	Truss Type MONO HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

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 0.64	Vert(LL) -0.21 11-12 >999 240	MT20	244/190
BCLL 7.0	Lumber Increase 1.25	BC 0.64	Vert(TL) -0.35 11-12 >999 180		
BCDL 10.0	Rep Stress Incr YES	WB 0.74	Horz(TL) 0.09 8 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrb)			Weight: 207 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-1-3 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-8-2 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 7-8, 4-12, 6-8

REACTIONS (lb/size) 8=1470/0-4-0, 13=1563/0-4-0
 Max Horz 13=325(load case 5)
 Max Uplift 8=651(load case 3), 13=472(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/49, 2-3=1877/591, 3-4=1482/546, 4-5=2128/845, 5-6=1679/696, 6-7=52/15, 7-8=179/144, 2-13=1454/518
 BOT CHORD 12-13=-433/276, 11-12=-846/2066, 10-11=-884/2042, 9-10=-884/2042, 8-9=-626/1390
 WEBS 3-12=-205/593, 4-12=-787/517, 4-11=0/174, 5-11=-16/141, 5-9=-603/312, 6-9=-198/820, 6-8=-1768/808, 2-12=-586/1205

JOINT STRESS INDEX
 2 = 0.42, 3 = 0.67, 4 = 0.49, 5 = 0.55, 6 = 0.74, 7 = 0.45, 8 = 0.79, 9 = 0.74, 10 = 0.93, 11 = 0.49, 12 = 0.55 and 13 = 0.50

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCLL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 2) Provide adequate drainage to prevent water ponding.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 651 lb uplift at joint 8 and 472 lb uplift at joint 13.

LOAD CASE(S) Standard

Job L212217	Truss T15	Truss Type HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:26:59 2006 Page 1

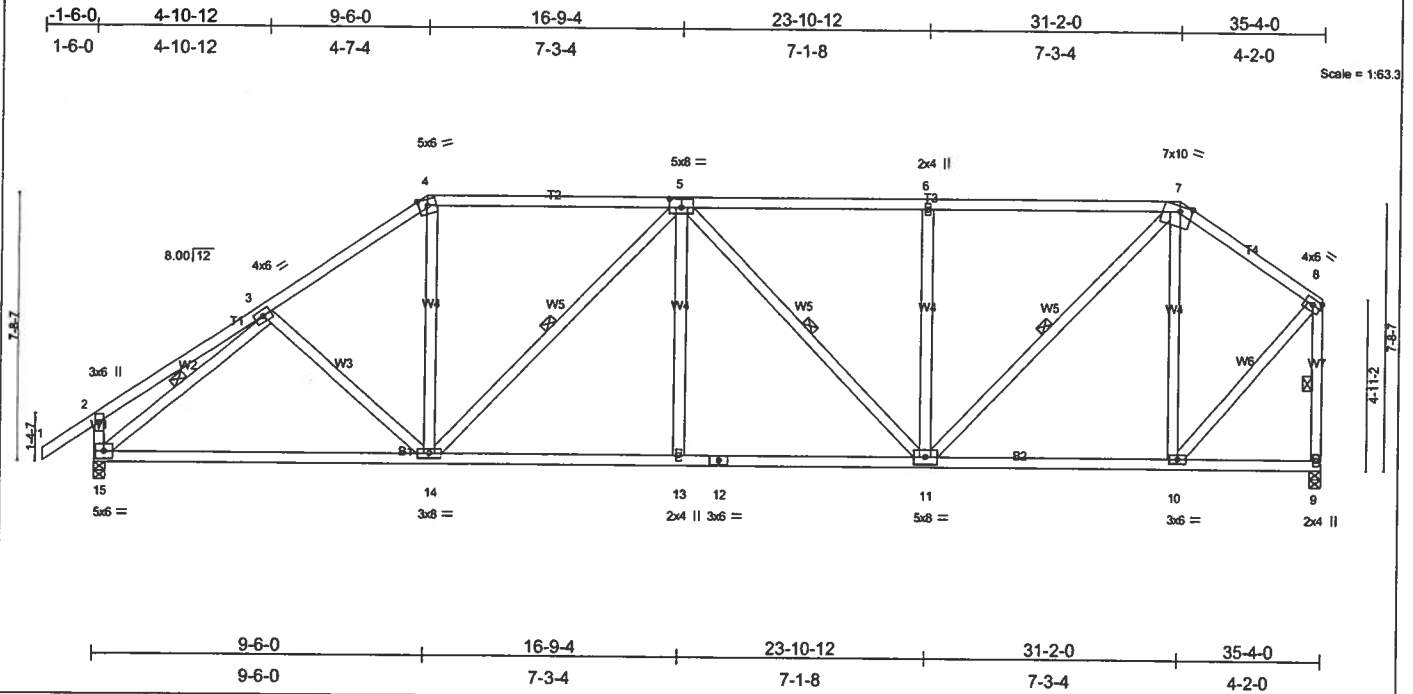


Plate Offsets (X,Y): [5:0-4-0,0-3-0],[7:0-4-0,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.80	Vert(LL) -0.16 14-15 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.55	Vert(TL) -0.27 14-15 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.65	Horz(TL) 0.07 9 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			Weight: 234 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-5-1 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-14, 5-11, 7-11, 3-15, 8-9

REACTIONS (lb/size) 15=1563/0-4-0, 9=1470/0-4-0
 Max Horz 15=299(load case 5)
 Max Uplift 15=496(load case 5), 9=519(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/49, 2-3=-431/154, 3-4=-1744/690, 4-5=-1417/627, 5-6=-1566/689, 6-7=-1566/689, 7-8=-953/368, 2-15=-433/261, 8-9=-1425/526
 BOT CHORD 14-15=-659/1362, 13-14=-810/1775, 12-13=-810/1775, 11-12=-810/1775, 10-11=-293/747, 9-10=-10/10
 WEBS 3-14=-175/178, 4-14=-147/589, 5-14=-593/392, 5-13=0/200, 5-11=-313/161, 6-11=-400/344, 7-11=-580/1188, 7-10=-665/384, 3-15=-1454/546, 8-10=-468/1131

JOINT STRESS INDEX
 2 = 0.34, 3 = 0.42, 4 = 0.63, 5 = 0.46, 6 = 0.34, 7 = 0.53, 8 = 0.58, 9 = 0.52, 10 = 0.77, 11 = 0.57, 12 = 0.59, 13 = 0.34, 14 = 0.57 and 15 = 0.56

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 496 lb uplift at joint 15 and 519 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L212217	Truss T16	Truss Type HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, Fl 32055

Job Reference (optional)
6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:27:00 2006 Page 1

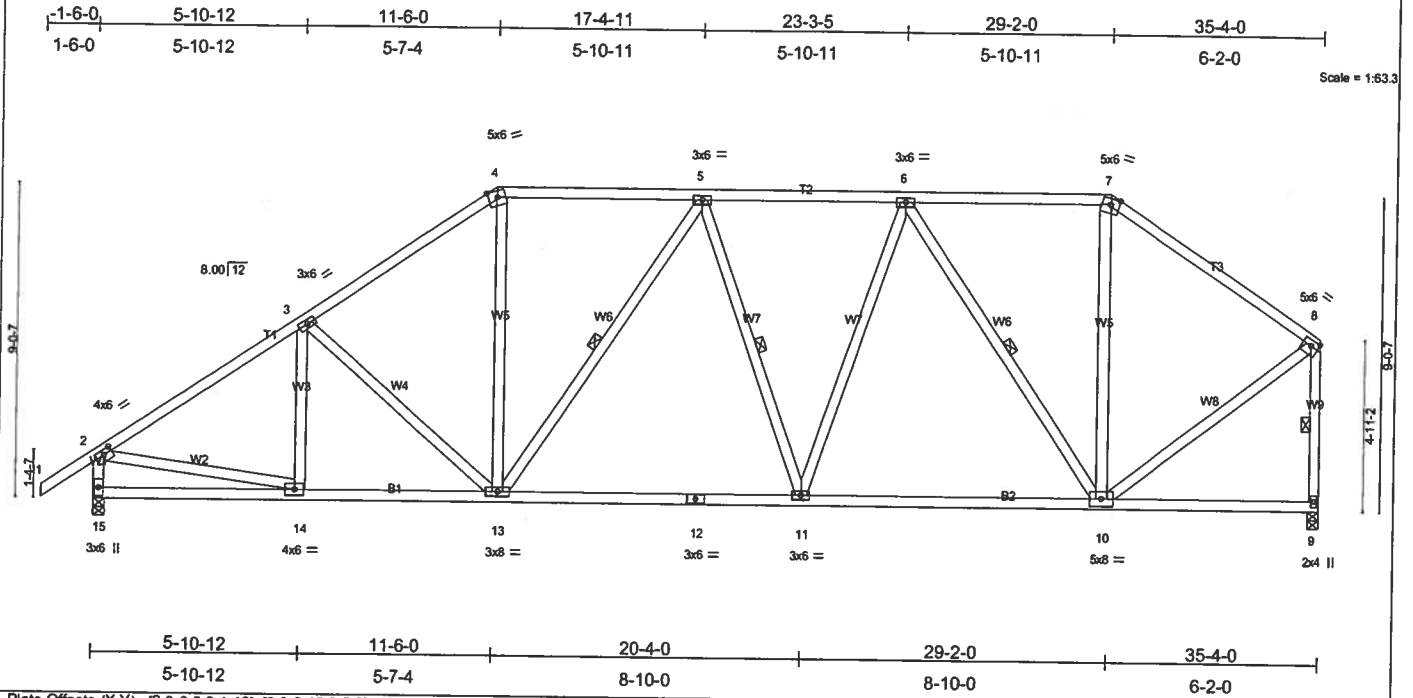


Plate Offsets (X,Y): [2;0-3;0,0-1-12], [8;0-2-12,0-2-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.44	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.53	Vert(LL) -0.16 11-13 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.44	Vert(TL) -0.27 11-13 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.06 9 n/a n/a		
	Code FBC2004/TP12002				Weight: 241 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-6-5 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 7-10-9 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-13, 5-11, 6-10, 8-9

REACTIONS (lb/size) 15=1563/0-4-0, 9=1470/0-4-0
 Max Horz 15=318(load case 5)
 Max Uplift 15=-512(load case 5), 9=-434(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/49, 2-3=-1824/552, 3-4=-1668/607, 4-5=-1329/556, 5-6=-1450/579, 6-7=-890/377, 7-8=-1149/384, 2-15=-1465/528, 8-9=-1390/445
 BOT CHORD 14-15=-337/185, 13-14=-638/1442, 12-13=-648/1479, 11-12=-646/1479, 10-11=-562/1329, 9-10=-29/37
 WEBS 3-14=-107/96, 3-13=-168/227, 4-13=-130/563, 5-13=-375/331, 5-11=-108/161, 6-11=-102/396, 6-10=-845/469, 7-10=-106/336, 2-14=-307/1284, 8-10=-398/1067

JOINT STRESS INDEX
 2 = 0.58, 3 = 0.43, 4 = 0.53, 5 = 0.50, 6 = 0.50, 7 = 0.58, 8 = 0.89, 9 = 0.81, 10 = 0.50, 11 = 0.50, 12 = 0.64, 13 = 0.58, 14 = 0.56 and 15 = 0.41

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - Provide adequate drainage to prevent water ponding.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 512 lb uplift at joint 15 and 434 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L212217	Truss T17	Truss Type SPECIAL	Qty 3	Ply 1	COMPASS- LOT 49 CALLWAY
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:27:01 2006 Page 1

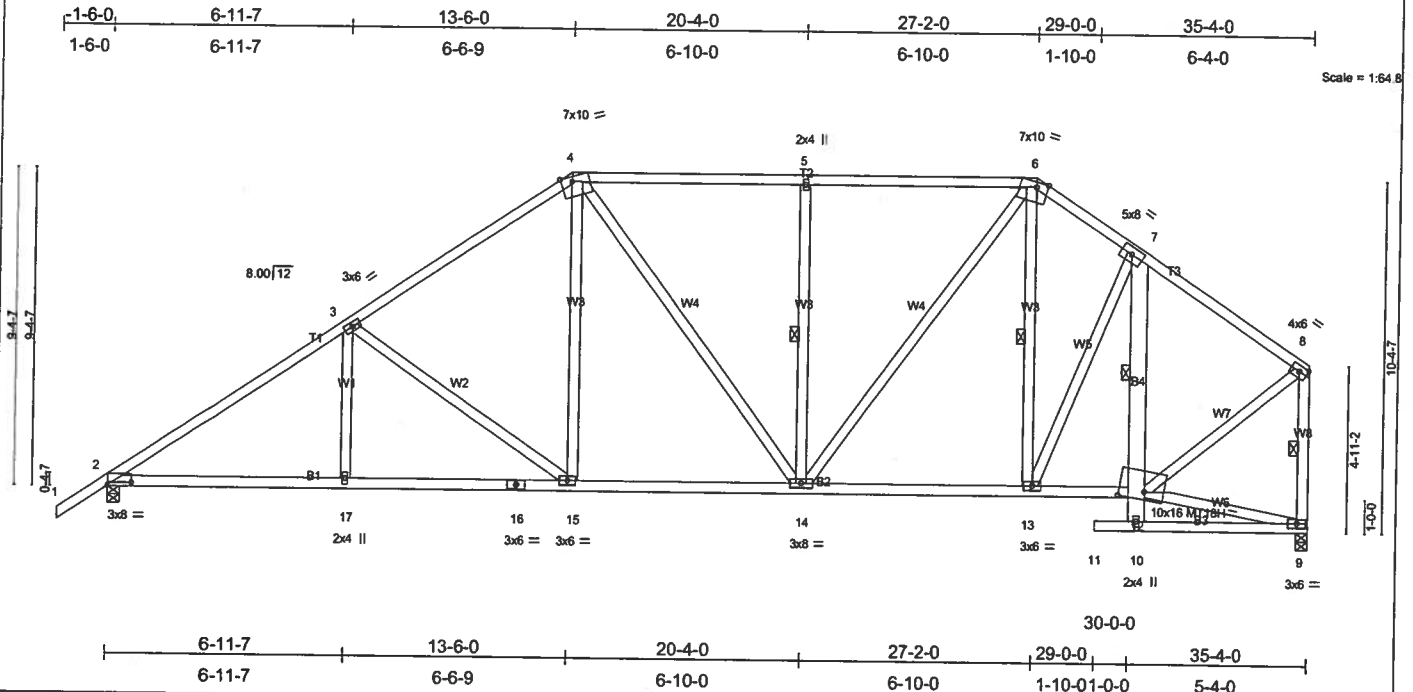


Plate Offsets (X,Y): [2:0-8-3,0-14], [4:0-4-0,Edge], [6:0-4-0,Edge], [12:0-8-15,0-2-9]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.36	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.55	Vert(LL) -0.12 14-15 >999 240	MT18H	244/190
BCLL 10.0	Lumber Increase 1.25	WB 0.80	Vert(TL) -0.19 14-15 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.08 9 n/a n/a		
	Code FBC2004/TP12002				Weight: 258 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-9-11 oc purlins, except end verticals, and 2-0-0 oc purlins (5-0-0 max.): 4-6.
BOT CHORD 2 X 4 SYP No.2 *Except	BOT CHORD Rigid ceiling directly applied or 7-6-8 oc bracing. Except:
B4 2 X 6 SYP No.1D	1 Row at midpt 7-12
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-14, 6-13, 8-9

REACTIONS (lb/size) 2=1568/0-4-0, 9=1500/0-4-0
 Max Horz 2=322(load case 4)
 Max Uplift 2=534(load case 5), 9=395(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-2266/628, 3-4=-1748/565, 4-5=-1433/548, 5-6=-1433/548, 6-7=-1286/470, 7-8=-1187/362, 8-9=-1419/423
 BOT CHORD 2-17=-676/1788, 16-17=-676/1788, 15-16=-676/1788, 14-15=-526/1378, 13-14=-312/1047, 12-13=-224/917, 10-12=0/116, 7-12=-551/195,
 WEBS 3-17=0/229, 3-15=-511/332, 4-15=-149/487, 4-14=-265/233, 5-14=-395/350, 6-14=-359/688, 6-13=-173/268, 7-13=-258/384,
 8-12=-278/1122, 9-12=-55/0

JOINT STRESS INDEX
 2 = 0.84, 3 = 0.43, 4 = 0.56, 5 = 0.34, 6 = 0.45, 7 = 0.33, 8 = 0.62, 9 = 0.57, 10 = 0.57, 12 = 0.25, 13 = 0.48, 14 = 0.71, 15 = 0.35, 16 = 0.62 and 17 = 0.34

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - Provide adequate drainage to prevent water ponding.
 - All plates are MT20 plates unless otherwise indicated.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 534 lb uplift at joint 2 and 395 lb uplift at joint 9.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job L212217	Truss T18	Truss Type MONO HIP	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MITek Industres, Inc. Tue Oct 03 14:27:02 2006 Page 1

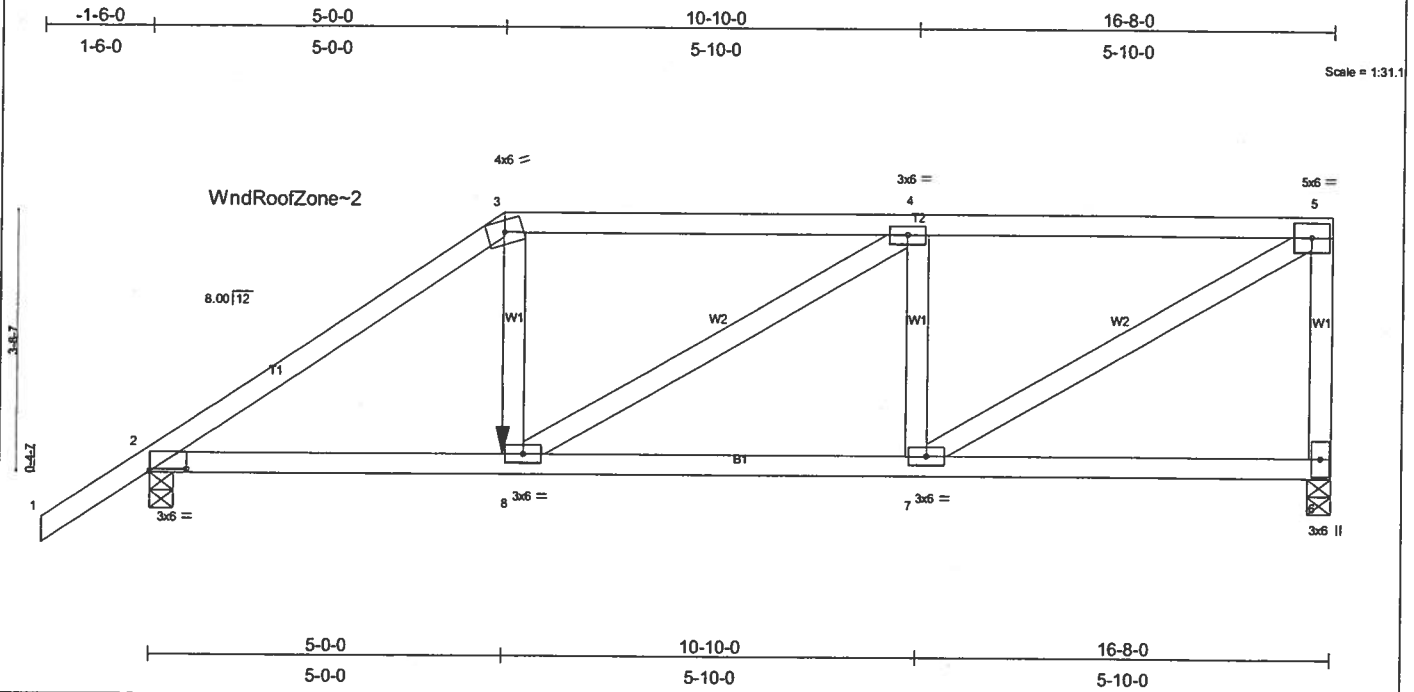


Plate Offsets (X,Y): [2:0-6-3,0-0-6]					
LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	BC 0.70	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	TC 0.45	Vert(LL) 0.09 7-8 >999 240		
BCLL 10.0	Rep Stress Incr NO	WB 0.87	Vert(TL) -0.13 7-8 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.02 6 n/a n/a		
				Weight: 86 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 4-7-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-1-4 oc bracing.

REACTIONS (lb/size) 6=1174/0-4-0, 2=1177/0-4-0
 Max Horz 2=219(load case 4)
 Max Uplift 6=899(load case 2), 2=794(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-1664/1086, 3-4=-1335/942, 4-5=-1409/1067, 5-6=-1032/837
 BOT CHORD 2-8=-929/1313, 7-8=-1067/1409, 6-7=-67/87
 WEBS 3-8=-384/514, 4-8=-87/185, 4-7=-502/495, 5-7=-1166/1542

JOINT STRESS INDEX
 2 = 0.77, 3 = 0.75, 4 = 0.35, 5 = 0.64, 6 = 0.44, 7 = 0.90 and 8 = 0.35

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - 2) Provide adequate drainage to prevent water ponding.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 899 lb uplift at joint 6 and 794 lb uplift at joint 2.
 - 5) Girder carries hip end with 0-0-0 right side setback, 5-0-0 left side setback, and 5-0-0 end setback.
 - 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 187 lb up at 5-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)
 Vert: 1-3=-54, 3-5=-90(F=-36), 2-8=-30, 6-8=-50(F=-20)
 Concentrated Loads (lb)
 Vert: 8=245(F)

Job L212217	Truss T19	Truss Type GABLE	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055
 Job Reference (optional)
 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:27:03 2006 Page 1

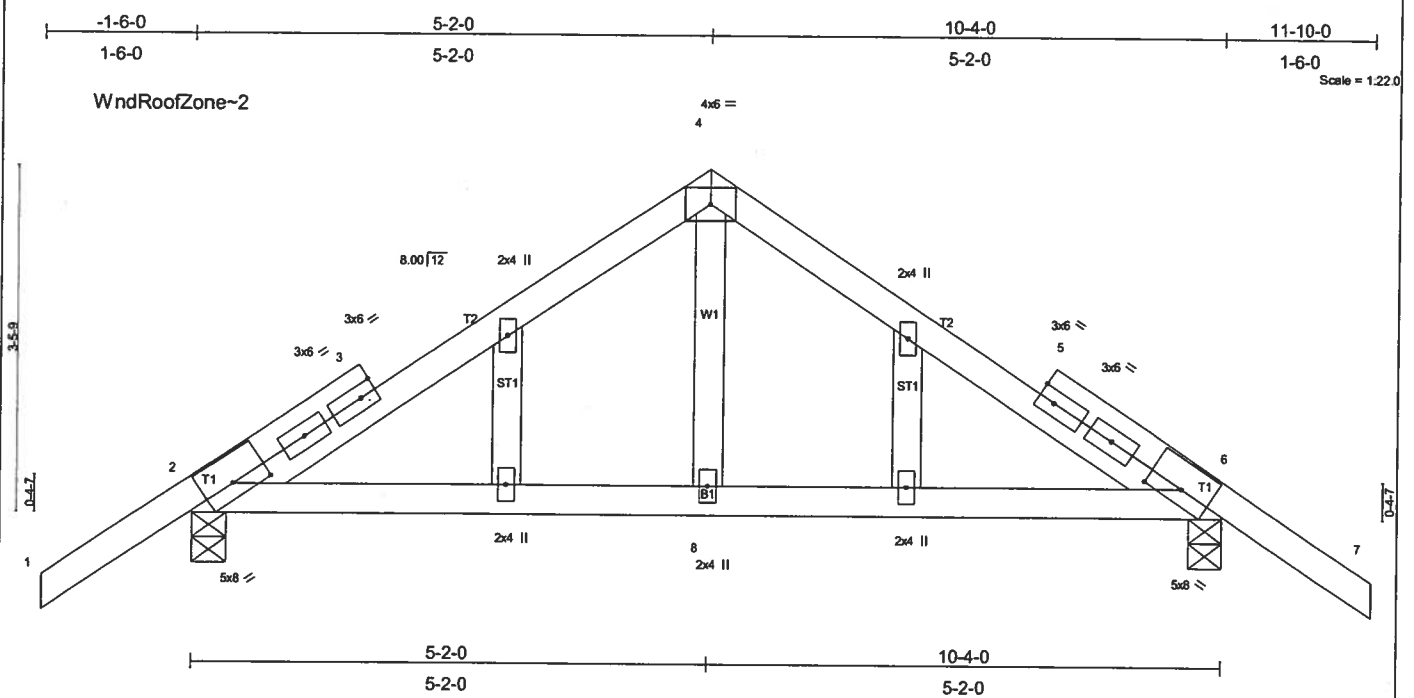


Plate Offsets (X,Y): [2-0-4-5-0-1-12], [6-0-4-5-0-1-12]

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2004/TP12002	CSI TC 0.34 BC 0.29 WB 0.06 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.03 2-8 >999 240 Vert(TL) -0.05 2-8 >999 180 Horz(TL) 0.01 6 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 53 lb
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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.
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REACTIONS (lb/size) 2=730/0-4-0, 6=730/0-4-0
 Max Horz 2=-114(load case 3)
 Max Uplift 2=-318(load case 5), 6=-318(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-3/72, 2-3=-720/199, 3-4=-634/200, 4-5=-634/200, 5-6=-720/199, 6-7=-3/72
 BOT CHORD 2-8=-96/527, 6-8=-96/527
 WEBS 4-8=0/197

JOINT STRESS INDEX
 2 = 0.75, 3 = 0.00, 3 = 0.35, 3 = 0.36, 4 = 0.58, 5 = 0.00, 5 = 0.36, 5 = 0.35, 6 = 0.75, 8 = 0.14, 9 = 0.00, 10 = 0.00, 11 = 0.00 and 12 = 0.00

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone: Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
 - 4) Gable studs spaced at 2-0-0 oc.
 - 5) 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 318 lb uplift at joint 2 and 318 lb uplift at joint 6.
 - 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=-87(F=-33), 4-7=-87(F=-33), 2-6=-30

Job L212217	Truss T20	Truss Type COMMON	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:27:04 2006 Page 1

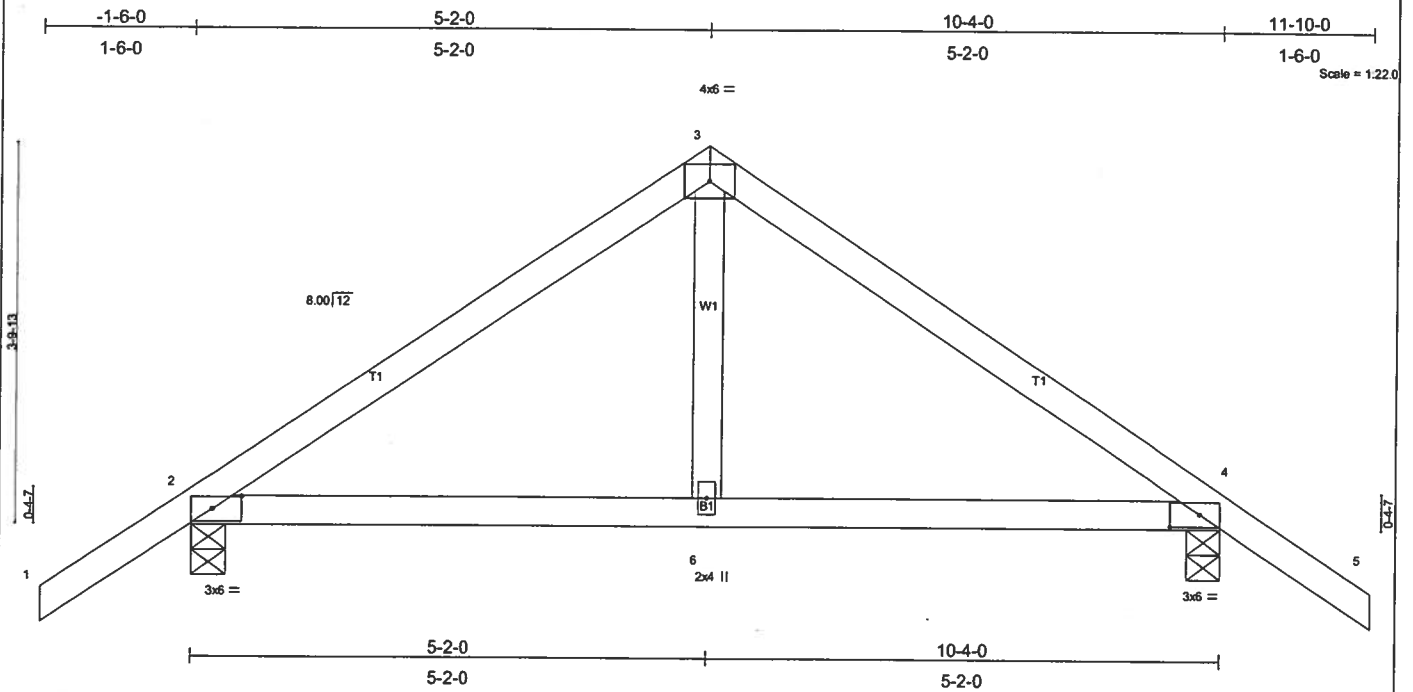


Plate Offsets (X,Y): [2:0-3-9,0-1-8], [4:0-3-9,0-1-8]

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.17 BC 0.20 WB 0.06 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.02 2-6 >999 240 Vert(TL) -0.03 2-6 >999 180 Horz(TL) 0.01 4 n/a n/a	PLATES GRIP MT20 244/190 Weight: 44 lb
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LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 2=510/0-4-0, 4=510/0-4-0
Max Horz 2=126(load case 3)
Max Uplift 2=233(load case 5), 4=233(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-485/140, 3-4=-485/139, 4-5=0/45
BOT CHORD 2-6=-28/340, 4-6=-28/340
WEBS 3-6=0/179

JOINT STRESS INDEX
2 = 0.38, 3 = 0.38, 4 = 0.38 and 6 = 0.13

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 233 lb uplift at joint 2 and 233 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L212217	Truss T21	Truss Type COMMON	Qty 2	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:27:05 2006 Page 1

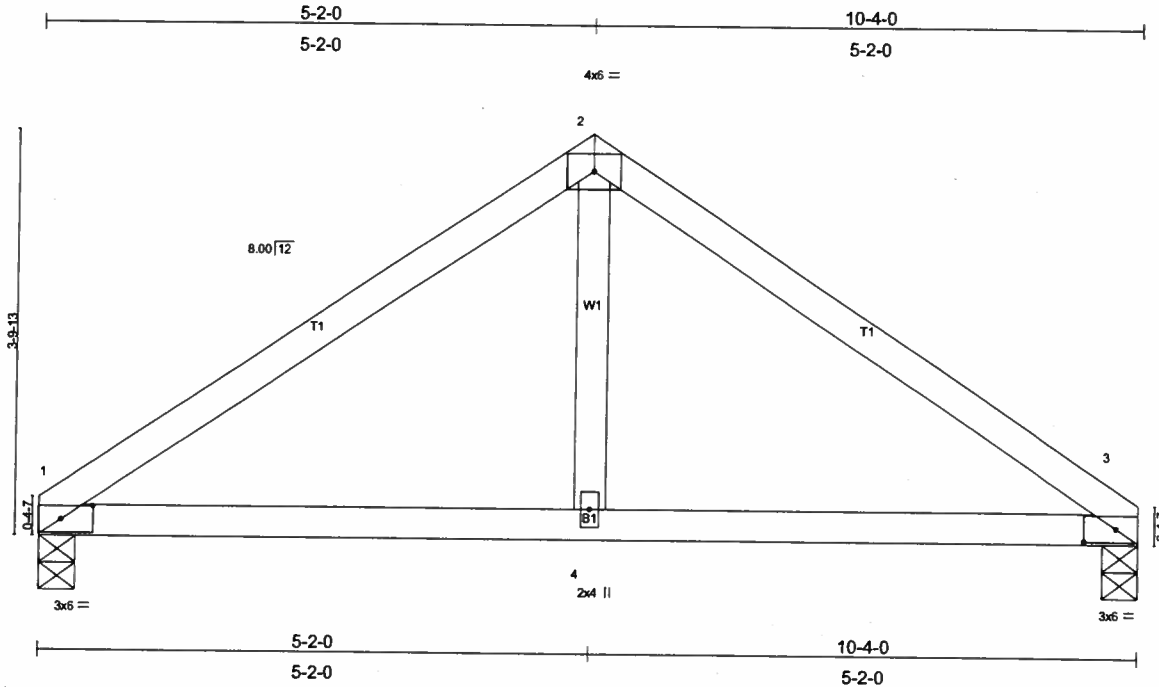


Plate Offsets (X,Y): [1:0-3-9,0-1-8], [3:0-3-9,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.19	Vert(LL) -0.03 1-4 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.26	Vert(TL) -0.04 1-4 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.07	Horz(TL) 0.01 3 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 39 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) 1=420/0-4-0, 3=420/0-4-0
 Max Horz 1=121(load case 3)
 Max Uplift 1=132(load case 5), 3=132(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-518/173, 2-3=-518/172
 BOT CHORD 1-4=-83/372, 3-4=-83/372
 WEBS 2-4=0/204

JOINT STRESS INDEX
 1 = 0.52, 2 = 0.44, 3 = 0.52 and 4 = 0.15

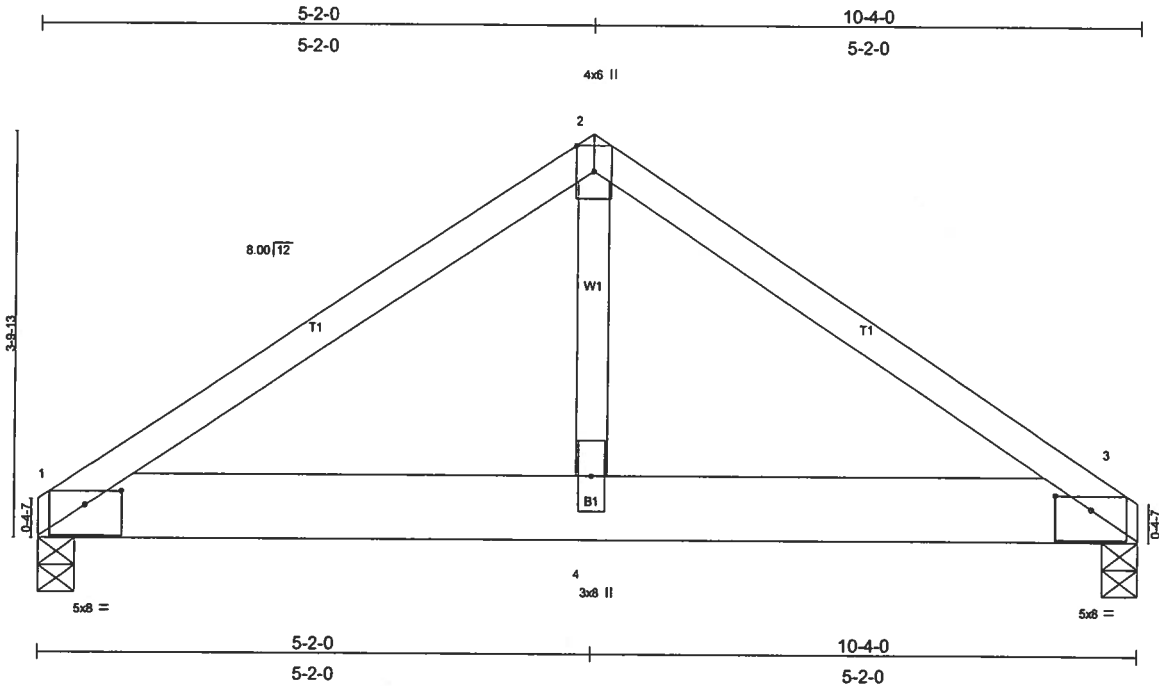
- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 132 lb uplift at joint 1 and 132 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L212217	Truss T22	Truss Type COMMON	Qty 1	Ply 2	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:27:06 2006 Page 1



Scale = 1:20.7

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

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.18	Vert(LL) -0.03 1-4 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.24	Vert(TL) -0.05 1-4 >999 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.54	Horz(TL) 0.01 3 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			Weight: 110 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 8 SYP 2400F 2.0E
 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) 1=3150/0-4-0, 3=3150/0-4-0
 Max Horz 1=-116(load case 2)
 Max Uplift 1=1202(load case 4), 3=-1202(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-3385/1301, 2-3=-3385/1300
 BOT CHORD 1-4=-1027/2780, 3-4=-1027/2780
 WEBS 2-4=-1248/3378

JOINT STRESS INDEX
 1 = 0.44, 2 = 0.40, 3 = 0.44 and 4 = 0.55

NOTES

- 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 8 - 2 rows at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all piles, 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.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1202 lb uplift at joint 1 and 1202 lb uplift at joint 3.
- Girder carries tie-in span(s): 28-4-0 from 0-0-0 to 10-4-0

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54, 2-3=-54, 1-3=-576(F=546)

Job L212217	Truss T23	Truss Type GABLE	Qty 1	Ply 1	COMPASS- LOT 49 CALLWAY
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Oct 03 14:27:08 2006 Page 1

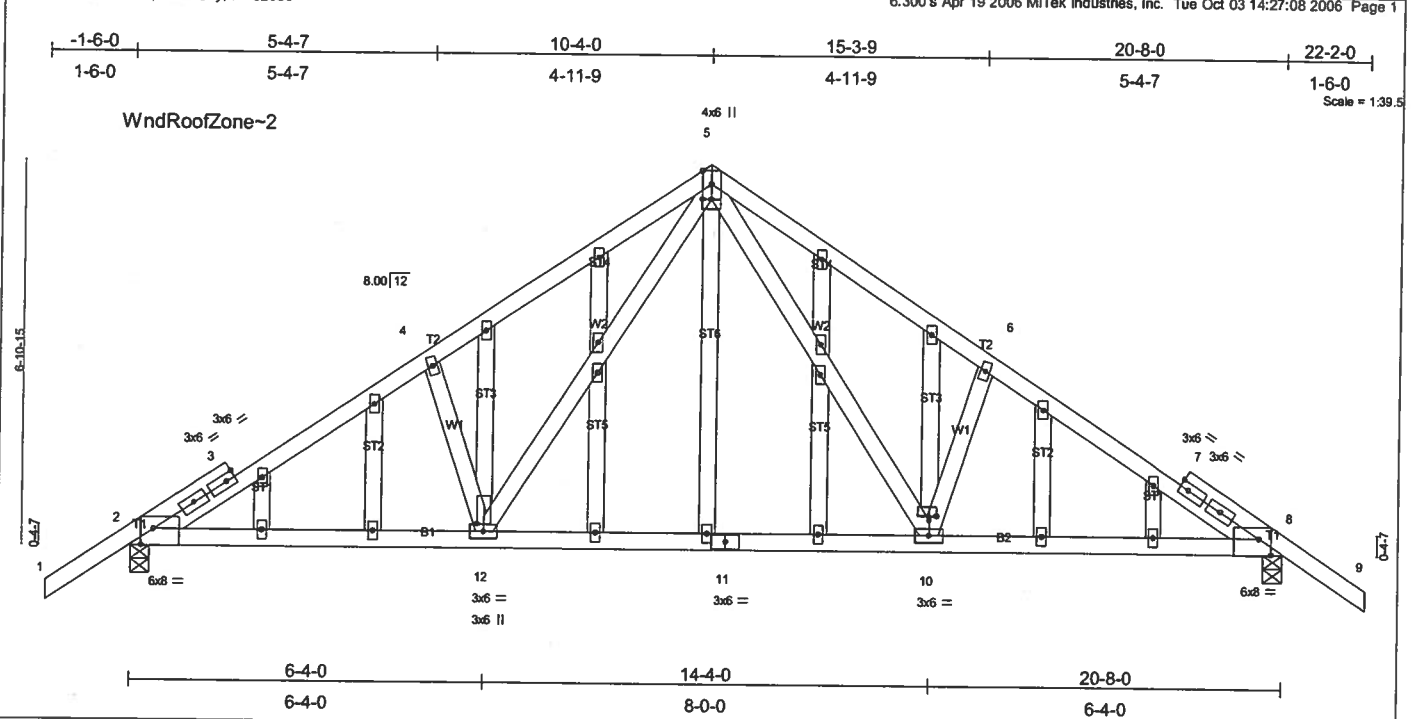


Plate Offsets (X,Y): [2:0-2-9,Edge], [5:0-2-0,0-0], [8:0-2-9,Edge], [10:0-1-8,0-0-15], [12:0-1-10,0-1-8]

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2004/TPI2002	CSI TC 0.45 BC 0.58 WB 0.34 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.13 10-12 >999 240 Vert(TL) -0.21 10-12 >999 180 Horz(TL) 0.04 8 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 153 lb
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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 4-2-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-2-9 oc bracing.

REACTIONS (lb/size) 2=1335/0-4-0, 8=1335/0-4-0
Max Horz 2=234(load case 4)
Max Uplift 2=516(load case 5), 8=516(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=3/72, 2-3=1820/546, 3-4=1746/546, 4-5=1714/632, 5-6=1714/632, 6-7=1746/546, 7-8=1820/546, 8-9=3/72
BOT CHORD 2-12=456/1453, 11-12=194/911, 10-11=194/911, 8-10=375/1453
WEBS 4-12=454/325, 5-12=319/793, 5-10=319/793, 6-10=454/325

JOINT STRESS INDEX
2 = 0.66, 3 = 0.00, 3 = 0.46, 3 = 0.57, 4 = 0.34, 5 = 0.55, 5 = 0.54, 6 = 0.34, 7 = 0.00, 7 = 0.57, 7 = 0.46, 8 = 0.66, 10 = 0.62, 10 = 0.65, 11 = 0.49, 12 = 0.62, 12 = 0.36, 13 = 0.34, 14 = 0.34, 14 = 0.34, 15 = 0.34, 16 = 0.34, 17 = 0.34, 18 = 0.34, 19 = 0.34, 20 = 0.34, 21 = 0.34, 22 = 0.34, 23 = 0.34, 24 = 0.34, 24 = 0.34, 25 = 0.34, 26 = 0.34, 27 = 0.34, 28 = 0.34 and 29 = 0.34

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
 - 4) All plates are 2x4 MT20 unless otherwise indicated.
 - 5) Gable studs spaced at 2-0-0 oc.
 - 6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 516 lb uplift at joint 2 and 516 lb uplift at joint 8.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=87(F=-33), 5-9=87(F=-33), 2-8=-30

Job L212217	Truss T24	Truss Type COMMON	Qty 11	Ply 1	COMPASS- LOT 49 CALLWAY
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.300 s Apr 19 2006 MITek Industries, Inc. Tue Oct 03 14:27:09 2006 Page 1

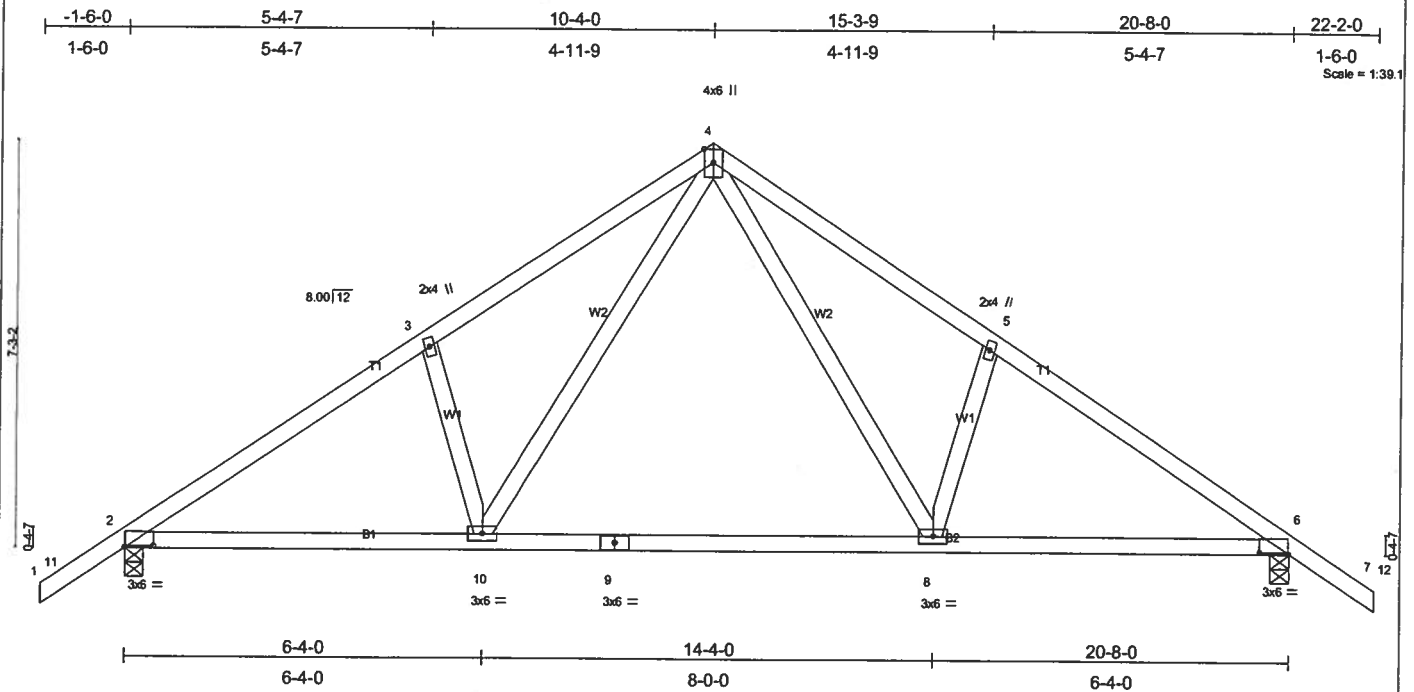


Plate Offsets (X,Y): [2:0-6-3:0-0-6], [6:0-6-3:0-0-6]

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2004/TP12002	CSI TC 0.24 BC 0.92 WB 0.39 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.29 8-10 >855 240 Vert(TL) -0.47 8-10 >524 180 Horz(TL) 0.04 6 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 107 lb
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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 4-9-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-8-3 oc bracing.

REACTIONS (lb/size) 2=1117/0-4-0, 6=1117/0-4-0
Max Horz 2=-244(load case 3)
Max Uplift 2=-413(load case 5), 6=-413(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-11=0/0, 2-11=0/31, 2-3=-1628/515, 3-4=-1534/620, 4-5=-1534/621, 5-6=-1628/515, 6-12=0/31, 7-12=0/0
BOT CHORD 2-10=-410/1270, 9-10=-170/829, 8-9=-170/829, 6-8=-325/1270
WEBS 3-10=-219/256, 4-10=-343/792, 4-8=-343/792, 5-8=-219/256

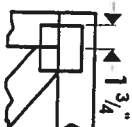
JOINT STRESS INDEX
2 = 0.74, 3 = 0.34, 4 = 0.44, 5 = 0.34, 6 = 0.74, 8 = 0.63, 9 = 0.74 and 10 = 0.63

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 413 lb uplift at joint 2 and 413 lb uplift at joint 6.
 - In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

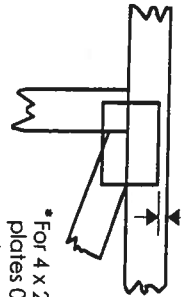
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 4-11=-54, 4-12=-54, 2-10=-30, 8-10=-80(F=-50), 6-8=-30

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ " from outside edge of truss.



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

*Plate location details available in **MITtek 20/20 software** or upon request.

PLATE SIZE

4 X 4

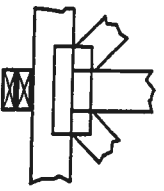
The first dimension is the width perpendicular to slots; second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

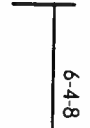


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

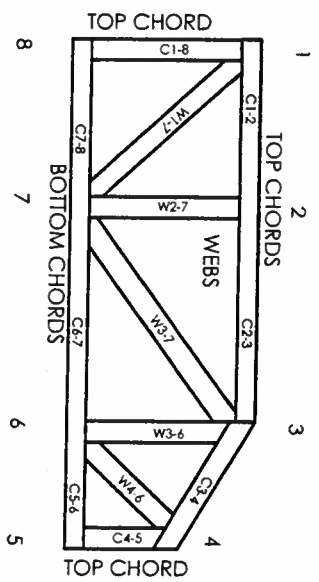
Industry Standards:

- ANSI/TP11: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DS8-89: Design Standard for Bracing.
- BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



dimensions shown in ft-in-sixteenths



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

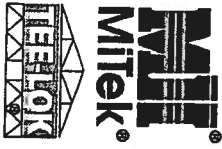
BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
- Never exceed the design loading shown and never stock materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and warps at joint locations are regulated by ANSI/TP11.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP11.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing shown on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of a professional engineer.
- Install and load vertically unless indicated otherwise.



MITtek Engineering Reference Sheet: Mill-7473

Residential System Sizing Calculation

Summary

Compass Builders
Lake City, FL

Project Title:
THE LANI MODEL

Code Only
Professional Version
Climate: North

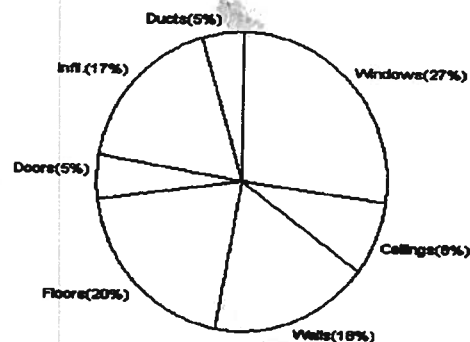
10/5/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	30719 Btuh	Total cooling load calculation	32138 Btuh
Submitted heating capacity	36000 Btuh	Submitted cooling capacity	36000 Btuh
Submitted as % of calculated	117.2 %	Submitted as % of calculated	112.0 %

WINTER CALCULATIONS

Winter Heating Load (for 1861 sqft)

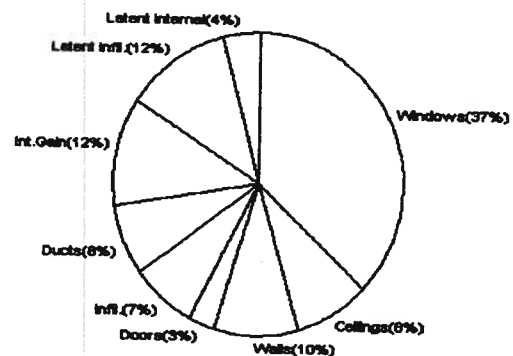
Load component		Load	
Window total	296 sqft	8377	Btuh
Wall total	1852 sqft	5471	Btuh
Door total	93 sqft	1494	Btuh
Ceiling total	1861 sqft	2419	Btuh
Floor total	195 ft	6162	Btuh
Infiltration	124 cfm	5333	Btuh
Subtotal		29256	Btuh
Duct loss		1463	Btuh
TOTAL HEAT LOSS		30719	Btuh




SUMMER CALCULATIONS

Summer Cooling Load (for 1861 sqft)

Load component		Load	
Window total	296 sqft	11912	Btuh
Wall total	1852 sqft	3096	Btuh
Door total	93 sqft	928	Btuh
Ceiling total	1861 sqft	2643	Btuh
Floor total		0	Btuh
Infiltration	109 cfm	2154	Btuh
Internal gain		3800	Btuh
Subtotal(sensible)		24533	Btuh
Duct gain		2453	Btuh
Total sensible gain		26986	Btuh
Latent gain(infiltration)		3772	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		5152	Btuh
TOTAL HEAT GAIN		32138	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: 
DATE: 10-4-06

Manual J Winter Calculations

Residential Load - Component Details (continued)

Compass Builders

Project Title:
THE LANI MODEL

Code Only
Professional Version
Climate: North

Lake City, FL

10/5/2006

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)

System Sizing Calculations - Winter

Residential Load - Component Details

Compass Builders

Lake City, FL

Project Title:
THE LANI MODEL

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

10/5/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	W	20.0	28.3	566 Btuh
2	2, Clear, Metal, DEF	W	36.0	28.3	1019 Btuh
3	2, Clear, Metal, DEF	S	54.0	28.3	1528 Btuh
4	2, Clear, Metal, DEF	SW	18.0	28.3	509 Btuh
5	2, Clear, Metal, DEF	NE	18.0	28.3	509 Btuh
6	2, Clear, Metal, DEF	S	18.0	28.3	509 Btuh
7	2, Clear, Metal, DEF	S	24.0	28.3	679 Btuh
8	2, Clear, Metal, DEF	S	36.0	28.3	1019 Btuh
9	2, Clear, Metal, DEF	E	36.0	28.3	1019 Btuh
10	2, Clear, Metal, DEF	N	36.0	28.3	1019 Btuh
Window Total			296		8377 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1672	3.1	5183 Btuh
2	Frame - Adjacent	13.0	180	1.6	288 Btuh
Wall Total			1852		5471 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		33	17.9	592 Btuh
2	Wood - Exter		40	17.9	718 Btuh
3	Wood - Adjac		20	9.2	184 Btuh
Door Total			93		1494 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1861	1.3	2419 Btuh
Ceiling Total			1861		2419 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	195.0 ft(p)	31.6	6162 Btuh
Floor Total			195		6162 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	18610(sqft)	124	5333 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				124	5333 Btuh

Totals for Heating	Subtotal	29256 Btuh
	Duct Loss(using duct multiplier of 0.05)	1463 Btuh
	Total Btuh Loss	30719 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Compass Builders

Project Title:
THE LANI MODEL

Lake City, FL

Code Only
Professional Version
Climate: North

10/5/2006

Totals for Cooling	Subtotal	24533 Btuh
	Duct gain(using duct multiplier of 0.10)	2453 Btuh
	Total sensible gain	26986 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	3772 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	32138 Btuh

Key: Window types (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/Daperies(B) or Roller Shades(R))
 (ExSh - Exterior shading device: none(N) or numerical value)
 (Ornt - compass orientation)

System Sizing Calculations - Summer

Residential Load - Component Details

Compass Builders

Lake City, FL

Project Title:
THE LANI MODEL

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F

10/5/2006

Window	Type			Overhang		Window Area(sqft)			HTM		Load
	Panees/SHGC/U/InSh/ExSh	Omt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, DEF, N, N	W		1.5	6	20.0	0.0	20.0	22	72	1440 Btuh
2	2, Clear, DEF, N, N	W		1.5	7	36.0	0.7	35.3	22	72	
3	2, Clear, DEF, N, N	S		1.5	7	54.0	54.0	0.0	22	37	1188 Btuh
4	2, Clear, DEF, N, N	SW		2.33	7	18.0	8.8	9.2	22	62	765 Btuh
5	2, Clear, DEF, N, N	NE		2.33	7	18.0	0.0	18.0	22	50	900 Btuh
6	2, Clear, DEF, N, N	S		1.5	7	18.0	18.0	0.0	22	37	396 Btuh
7	2, Clear, DEF, N, N	S		1.5	9	24.0	24.0	0.0	22	37	528 Btuh
8	2, Clear, DEF, N, N	S		1.5	7	36.0	36.0	0.0	22	37	792 Btuh
9	2, Clear, DEF, N, N	E		1.5	7	36.0	0.7	35.3	22	72	2555 Btuh
10	2, Clear, DEF, N, N	N		1.5	7	36.0	0.0	36.0	22	22	792 Btuh
Window Total						296					11912 Btuh
Walls	Type			R-Value		Area			HTM		Load
1	Frame - Exterior			13.0		1672.0			1.7		2909 Btuh
2	Frame - Adjacent			13.0		180.0			1.0		187 Btuh
Wall Total						1852.0					3096 Btuh
Doors	Type					Area			HTM		Load
1	Wood - Exter					33.0			10.0		329 Btuh
2	Wood - Exter					40.0			10.0		399 Btuh
3	Wood - Adjac					20.0			10.0		200 Btuh
Door Total						93.0					928 Btuh
Ceilings	Type/Color			R-Value		Area			HTM		Load
1	Under Attic/Dark			30.0		1861.0			1.4		2643 Btuh
Ceiling Total						1861.0					2643 Btuh
Floors	Type			R-Value		Size			HTM		Load
1	Slab-On-Grade Edge Insulation			0.0		195.0 ft(p)			0.0		0 Btuh
Floor Total						195.0					0 Btuh
Infiltration	Type			ACH		Volume			CFM=		Load
	Natural			0.35		18810			108.8		2154 Btuh
	Mechanical								0		0 Btuh
Infiltration Total									109		2154 Btuh
Internal gain				Occupants		Btuh/occupant			Appliance		Load
				6		X 300			2000		3800 Btuh



INNOVATIONS FOR LIVING™

Roofing

- SITE MAP
- PRODUCTS
- SERVICES
- LITERATURE
- CORPORATE
- OC CAREERS
- OC WORLDWIDE

KEYWORD SEARCH:

WeatherGuard® HP Shingles

- ROOFING HOME
- ABOUT ROOFING
- PRODUCTS
- WHERE TO BUY
- TOOLS & RESOURCES
- PERSONAL PROJECT FILE
- CHANGE ZIP CODE

Current zip code

29147



1-800-GET-PINK

You are here: For Your Home | Outdoor | Roofing Systems

Privacy Policy

© 1995 - 2006 by Owens Corning

WeatherGuard® HP shingles face storms with style. This innovative product features a patented composite construction to ensure severe weather resistance, and superior granite retention to extend the life of the shingles. WeatherGuard HP shingles meet the highest standards for impact resistance - UL 2218, Class 4 and may qualify homeowners for a premium discount from many insurance companies†. WeatherGuard HP shingles come in a palette of 6 popular color blends with a soft, textured appearance and are backed by a 40-year limited product warranty with 10-year Tru PROtection® coverage including 10-year algae resistance protection. WeatherGuard HP shingles carry a 130 mph wind resistance limited warranty when installed with WeatherGuard HP Hip & Ridge shingles*.



- 3-Part Specification
- Data Sheet
- Installation Instructions

Nominal Size: 13 1/4" x 39 3/8"
 Exposure: 5 5/8"
 Shingles per Square: 64
 Bundles per Square: 4
 Coverage per Square: 98.4 sq. ft.

- ASTM D 228
- ASTM D 3018, Type I
- ASTM D 3161
- ASTM D 3462
- ASTM E 108, Class A
- UL 790, Class A
- UL 997
- UL 2218, Class 4

†Homeowners should check with their insurance company to see if they qualify.
 *See actual warranty for details, limitations and requirements.



PRODUCT SPECIFICATION - WEATHERGUARD® HP

Section 07311 Fiber glass-based Asphalt Shingles.

PART 1 - GENERAL

Related Sections

- A. Rough Carpentry Section 06100.
- B. Roof and Deck Insulation Section 07240 for insulation placed over roof decking.

Notes to Specifier:

1. Underlayment and shingles installed directly over roof insulation or similar type decks is not approved.
 2. Roof deck must be dry, minimum 25/32" thick, maximum 6" wide boards, or APA rated sheathing (exposure 1): minimum 3/8" plywood, minimum 7/16" oriented strand board or waferboard. Consult your Owens Corning representative for other approved constructions.
 3. Ventilation under roof deck must meet FHA Minimum Property Standards.
- C. Flashing and Sheet Metal: Section 07600. For snow guards, metal flashing and drip edges, including step-type flashing installed with shingles.
 - D. Roof Accessories: Section 07800.
 - Accessories.
 - 1. RAPT-R-MATE® UL® Listed

PRODUCT SPECIFICATION - WEATHERGUARD® HP

Section 07311 Fiber glass-based Asphalt Shingles.

PART 1 - GENERAL

Related Sections

- A. Rough Carpentry Section 06100.
- B. Roof and Deck Insulation Section 07240 for insulation placed over roof decking.

Notes to Specifier:

1. Underlayment and shingles installed directly over roof insulation or similar type decks is not approved.
 2. Roof deck must be dry, minimum 25/32" thick, maximum 6" wide boards, or APA rated sheathing (exposure 1): minimum 3/8" plywood, minimum 7/16" oriented strand board or waterboard. Consult your Owens Corning representative for other approved constructions.
 3. Ventilation under roof deck must meet FHA Minimum Property Standards.
- C. Flashing and Sheet Metal: Section 07600. For snow guards, metal flashing and drip edges, including step-type flashing installed with shingles.
 - D. Roof Accessories: Section 07800.
 - Accessories.
 - 1. RAPT-R-MATE® UL® Listed
 - 2. Soffits
 - 3. VentSure® Ventilation Products
 - 4. Hip & Ridge Shingles
 - 5. WeatherLock®

- A. ASTM D 224 - Standard Specification for Smooth-Surfaced Asphalt Roll Roofing.
- B. ASTM D 226 - Standard Specification for Asphalt-Saturated Organic Felt used in Roofing and Waterproofing.
- C. ASTM D 3018 - Standard Specification for Class A Shingles Surfaced with Mineral Granules.
- D. ASTM D 3161 - Standard Test Method for Wind-Resistance of Asphalt Shingles (Fan-Induced Method).
- E. ASTM D 3462 - Standard Specification for Asphalt Shingles Made from Glass felt and Surfaced with Mineral Granules.
- F. ASTM D 4586 - Standard Specification for Asphalt Roof Cement, Asbestos-Free.
- G. ASTM D 4869 - Standard Specification for Asphalt-Saturated Organic Felt Shingle Underlayment Used in roofing.
- H. ASTM D 6757 - Standard Specification for Inorganic Underlayment for Use with Steep Slope Roofing
- I. ASTM E 108 - Standard Test Methods for Fire Tests of Roof Coverings.

Quality Assurance

- A. Shingles shall carry Underwriter's Laboratories Labels:
 1. UL® 790, Class A Fire Resistance
 2. UL® 997, Wind Resistance
 3. UL® 2218, Class 4 Impact Resistance
 4. ASTM D3462
- B. Install shingles to meet requirements of published Owens Corning instructions.

Submittals

- A. Manufacturer color sample showing full range of colors available for specified products.
- B. Product literature and recommended installation procedures.
- C. Owens Corning Limited Warranty *

Delivery, Storage, and Handling

- A. Deliver materials to site in manufacturer's unopened bundles with labels intact and legible.
- B. Handle and store materials on site to prevent damage. Store in a covered ventilated area at a maximum temperature of 110°F.
- C. Do not stack product more than 2 pallets high. If stacking 2 pallets high, use separator boards to protect the shingles below.
- D. Roof Top Loading: Lay shingle bundles flat. Do not bend over the ridge.

Project Conditions

- A. Proceed with installing shingles only when weather is appropriate for a quality installation.
- B. Do not install underlayment or shingles on wet surfaces.

Warranty

- A. Materials: Owens Corning 40-year Limited Product Warranty* terms and conditions apply.

PART 2 - PRODUCTS

Asphalt Shingles

Owens Corning WeatherGuard® HP fiber glass-based asphalt shingles complying with ASTM specifications E 108 Class A or UL 790 Class A, D 3462, D 3161 or UL 997, D 3018 Type 1, D 228, and UL 2218, Class 4, ICBO ES ER 5443 (Metro Dade County Approved, State of Florida Approved).

WeatherGuard® HP Shingle Product Specification

Nominal Size:	13 1/4" x 39 3/8"
Exposure:	5 3/8"
Shingles per Square:	64
Bundles per Square:	4 bundles of 16 shingles
Coverage per Square:	98.4 sq. ft.

Ventilation

Owens Corning VentSure Roof vents

1. VentSure™ Gable vents,
2. VentSure Undereave vents,
3. VentSure Miniature vents,
4. VentSure Foundation vents.

* Use of Shingle-over vent will affect the impact resistance classification of the WeatherGuard HP Hip & Ridge Shingle; use off-ridge ventilation products as an alternative.

Waterproofing Underlayment

Owens Corning waterproofing underlayment "WeatherLock" self-adhesive waterproofing underlayment, fiber glass reinforced with SBS modified asphalt, UL Listed.

1. WeatherLock® Mat,
2. WeatherLock® G
3. WeatherLock® P

Asphalt Felt Underlayment

Non-perforated, [Type I, No. 15] [Type II, no. 30], asphalt saturated felt complying with ASTM D 226, ASTM D 4869, or ASTM D 6757.

Hip & Ridge Shingles

WeatherGuard® HP Hip and Ridge shingles must be used.

WeatherGuard® HP Hip & Ridge Product Specification

Nominal Size:	12"x12"
Exposure:	5"
Pieces per Carton:	52
Lineal Feet per Carton:	21.6 ft.

Fasteners

All fasteners must be driven flush with the shingle surface and penetrate at least 3/4" into the wood deck. Where the deck is less than 3/4" thick, the fastener should be long enough to penetrate fully and extend at least 1/8" through the roof deck.

Owens Corning recommends the use of nails as the preferred method of attaching shingles to wood decking or other nailable substrates. If staples are used they must be, corrosion resistant, zinc-coated, 16-gauge minimum with minimum 15/16" crown width. Staples must be long enough to penetrate at least 3/4" into solid decking, or extend a minimum of 1/8" through the APA-rated sheathing.

PART 3 - EXECUTION

Examination

Prior to starting work, examine all roof decks on which work is to be applied for defects in materials and workmanship which may be detrimental to the proper installation or long-term performance of the shingles.

Installation

Installation shall be in accordance with the Guide to Installing Asphalt Roofing Shingles published by Owens Corning and your local building codes.

Product styles and colors change over time, for current selection of products and colors in your area, please contact your Owens Corning representative.

Owens Corning strives to accurately reproduce the images of shingles in this literature. However, due to manufacturing variances, the limitation of graphic reproduction and the variation in natural exterior lighting, actual shingle colors, and granule blends may vary from the images you see reproduced in this literature. For this reason, it is important to see an actual roofing sample or actual products installed on a house before making final color selection.

Available in the following plant service areas: Atlanta, Denver, Houston, Irving, Jacksonville, Jessup South, Memphis North, Memphis South, Minneapolis.

* See actual warranty for complete details.

WEATHERGUARD HP SHINGLES

with *Tuloc*® Growth Retention Technology



PROTECT YOUR HOME FROM THE TOP DOWN WITH OUR COMPLETE ROOFING SYSTEM

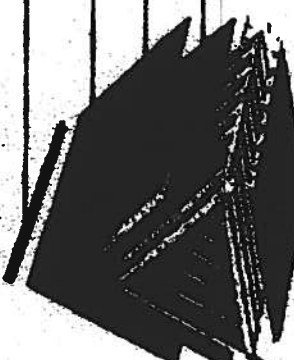
Your roof's more than just shingles. It's a complete system that also requires 1/2" x 8" ridge shingles, ventilation, and waterproofing underlayment products. Each of these elements plays an important role in protecting your home, and they work together to ensure the beauty and durability of your roof.

WeatherGuard® HP Hip & Ridge Shingles

Weather® Ventilation Products

WeatherGuard® HP Shingles

WeatherLock® Waterproofing Underlayment Products



WEATHERGUARD® HP HP & RIDGE SHINGLES

Help protect ridge vents from weathering

- Cover your roof ridge line
- Acts with protection and a more dimensional look
- Are compatible with all Owens Corning shingle products

WEATHER® VENTILATION PRODUCTS

Help prevent structural damage

- Reduce moisture condensation in winter and summer heat in summer to help guard against premature aging and delamination
- Help keep air moving through the attic, lowering outdoor and indoor temperatures

WEATHERGUARD® HP SHINGLES

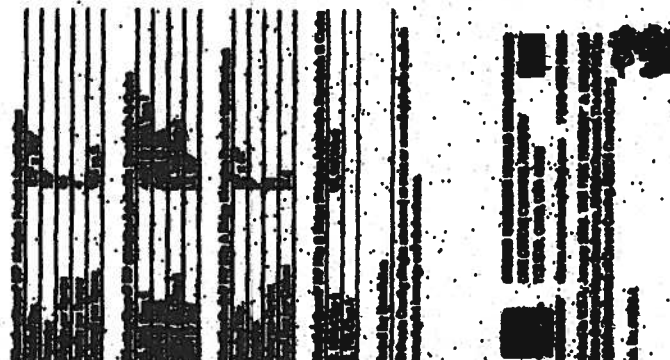
Prevents penetration and leakage

- Functions both when used as part of a complete roofing system
- Provides additional waterproofing underlayment
- Offer structural durability with a strong, flexible, and easy-to-install

WEATHERGUARD® UNDERLAYMENT PRODUCTS

Prevents roof deck damage

- Acts as a protective layer between your roof deck and shingles
- Are specifically engineered to provide a solution to many applications, used with our uniquely designed waterproofing underlayment



Ask for details

WEATHERGUARD HP SHINGLES

with Trulac® Granule Retention Technology

OVERSOURING: 1 AFFIRM. ENTIRE: 0

With our Green Coating WeatherGuard HP shingles you can indeed, take on Mother Nature. The unique design of WeatherGuard HP provides for the ultimate high-performance design. The innovative product features:

- A patented composite construction with special elements that helps retain the protective granules during periods of severe weather.
- Spin-board, impact-resistant backing with shingle lines to achieve superior performance.
- The "Shed" resistant for maximum building power during high winds.
- A complete severe weather system including including WeatherGuard HP HP & Ridge shingles.

High performance. It's a beautiful thing.

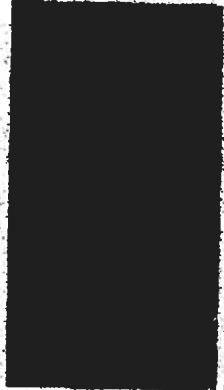
The result of the new patented technology is a beautiful roof that's built to stay that way. In fact, once WeatherGuard HP shingles meet the highest standards for impact resistance (UL 2218 Class 4), they qualify homeowners for a premium discount from many insurance companies! What's more, Green Coating WeatherGuard HP shingles feature:



- A proven 6-year color stain with soft, natural appearance.
- 120-year limited Business Limited Warranty when installed with WeatherGuard HP HP & Ridge shingles.
- 10-Year "No Punctures" coverage.
- 10-Year Algae Resistance Limited Warranty.
- 40-Year Limited Product Warranty.

WeatherGuard HP shingles feature a soft, natural appearance. The result is a beautiful thing.

Color Availability



Desert Tan



Espresso



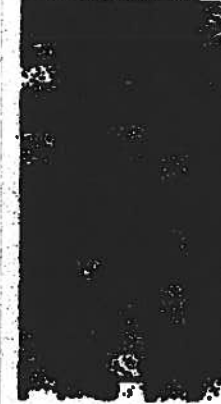
Driftwood



Copper Black



Bronze Gray



Asphalts Char

WEATHERGUARD HP

Trulac® Granule Retention Technology



WeatherGuard HP is a registered trademark of GAF Corporation.

WeatherGuard HP is a registered trademark of GAF Corporation. The Trulac Granule Retention Technology is a registered trademark of GAF Corporation. The Spin-board, impact-resistant backing is a registered trademark of GAF Corporation. The Back deck is a registered trademark of GAF Corporation.

Florida Building Code Online



Building Code Information System

SEARCH RESULTS

Organization: Product Manufacturer

Approved Status: (All)

Organization Name: General American Door - Product Manufacturer



Home

Organization Name: General American Door - Product Manufacturer

Organization Name: General American Door - Product Manufacturer

Cancel

Search

Results List for Organizations

Displaying 14 of 1

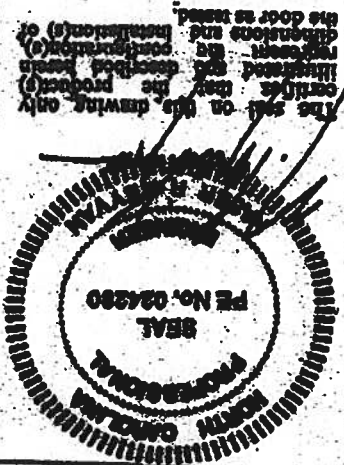
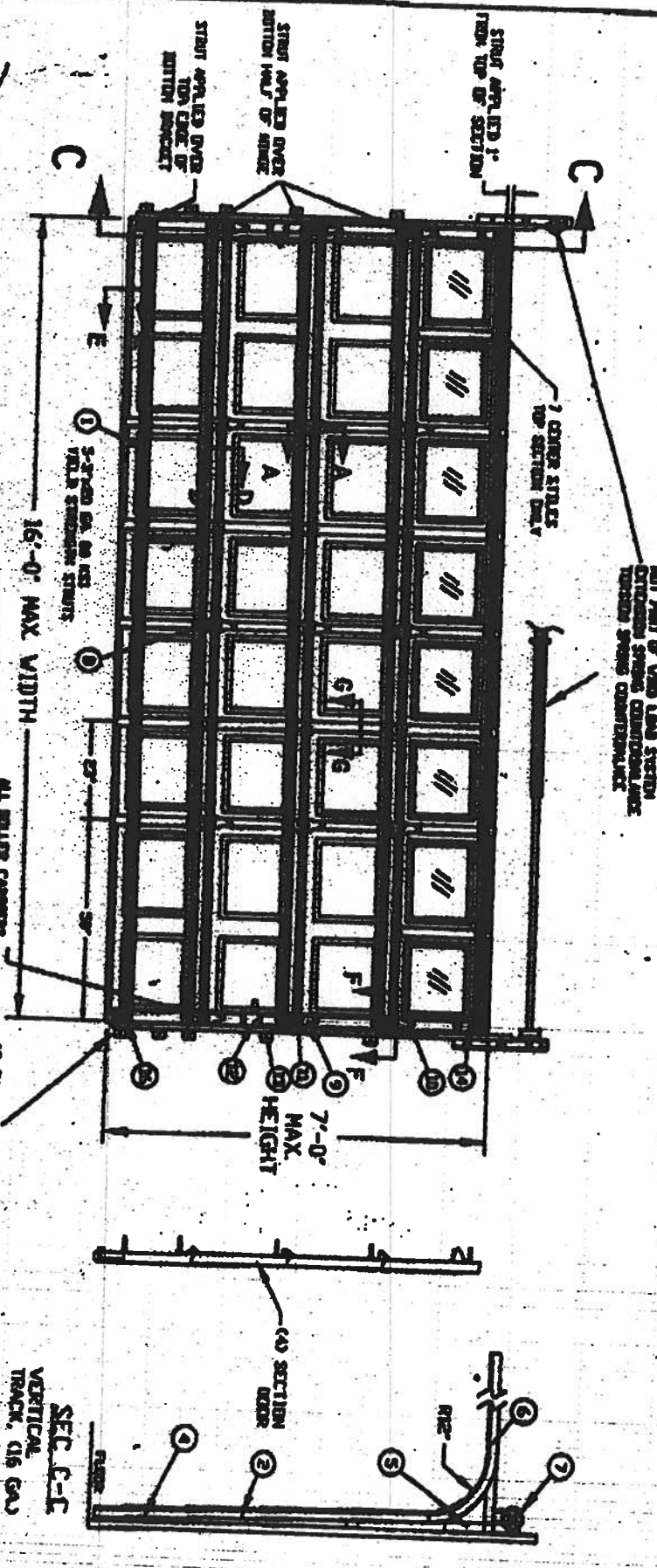
Name	City	Product	Issue	Type	Issue	Status
General American Door	Melbourne	General American Door	2003/01/01	Product Manufacturer	01/01/2003	Approved

Displaying 14 of 1

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Garage

- NOTES:**
1. TESTED IN POSITIVE AND NEGATIVE TO PER SECTION AND FINISHES AND RESISTANT TO PER TEST METHODS PER ASTM E-330
 2. WINDOW SECTION HEIGHT: 8'-0"
 3. WINDOW LENGTH OR SLATS FROM IS UP TO AS NOTED
 4. THE STAIRS ACCORDING TO SECTION ARE TO BE CONSTRUCTED WITH THE SAME FINISHES AS THE WINDOW SECTION
 5. QUANTITY OF SLATS LONGER THAN 6'-0" OR 8'-0" AS NOTED
 6. A 1 SLOPE IN THE UP DIRECTION IS OPTIONAL
1. SECTION HEIGHT OF 8'-0" AND 10'-0" ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACCOMMODATE VARIOUS SIZES WINDOWS
 2. WINDOW MAY BE INSTALLED IN DC TOP SECTION OR TESTED WITH UP OR DOWN OR COMBINATION OF UP OR DOWN SECTION INSTEAD OF SLAT IN UP SECTION



TEST REPORT IN FILE UNDER WINDOW DESIGN

12 GA. JAMB AND BRACKET, WARDWAIN SPACING - 19-1/2" WITH LATEST BRACKET APPROX. 3" FROM FLUSH, AND BRACKET MOUNTED NEAR THE TOP OF THE WINDOW SECTION, AND 300

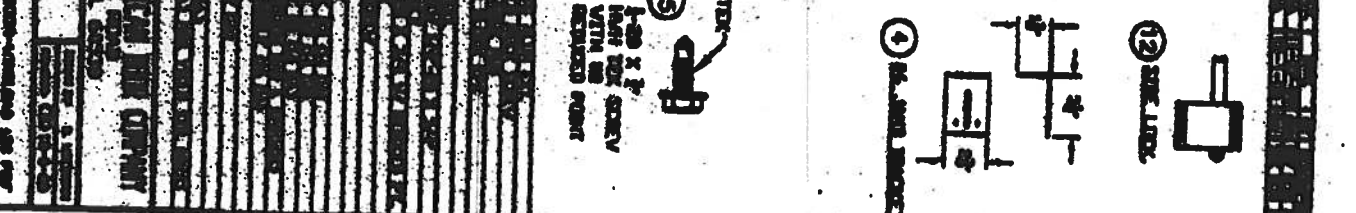
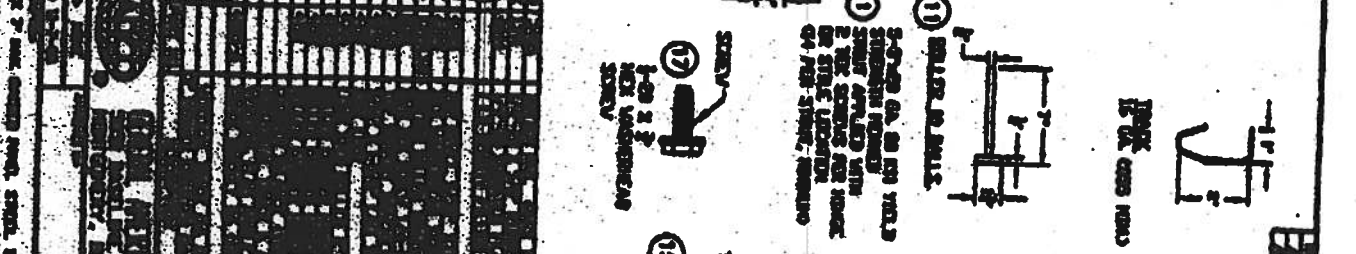
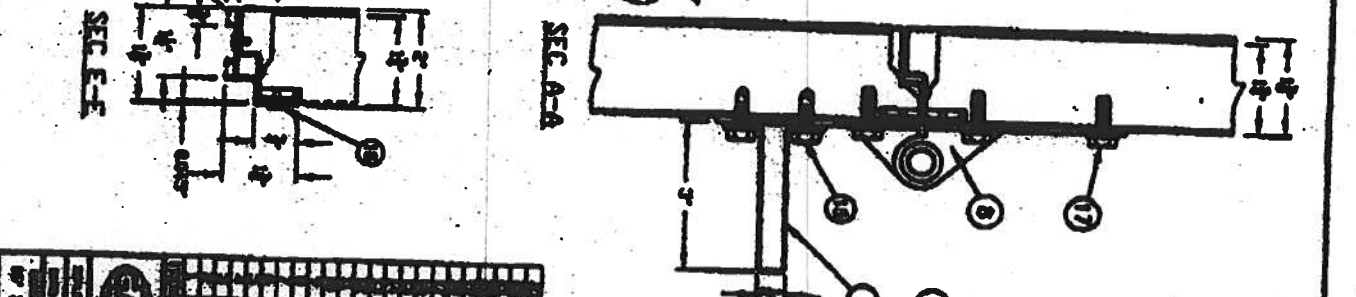
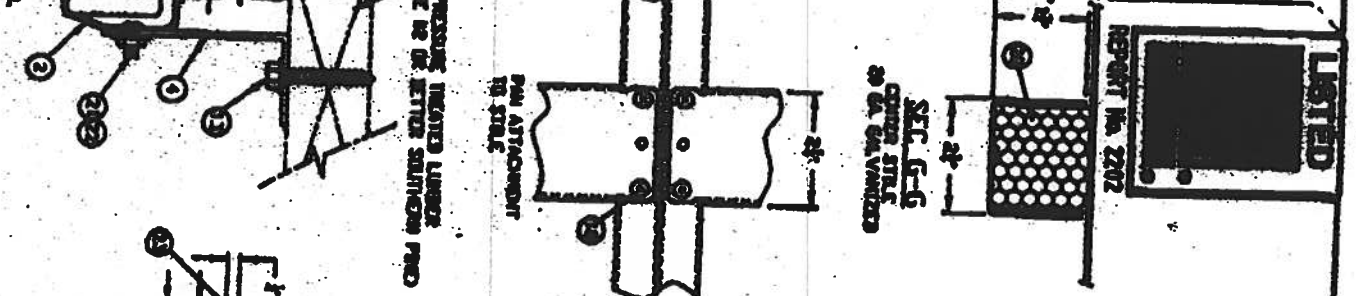
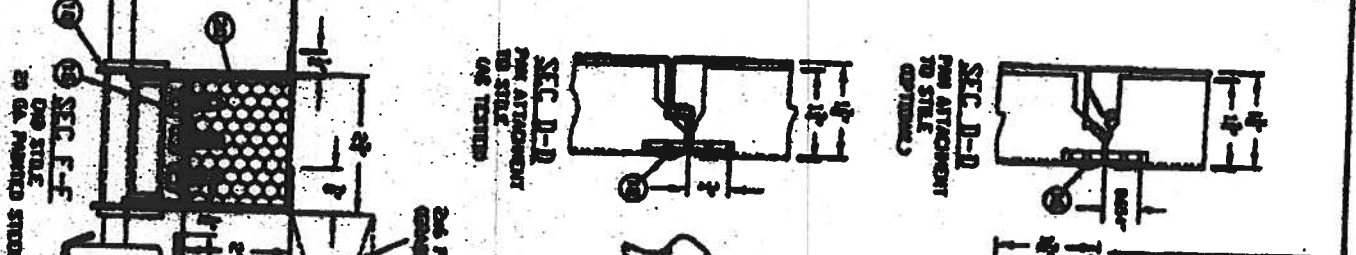
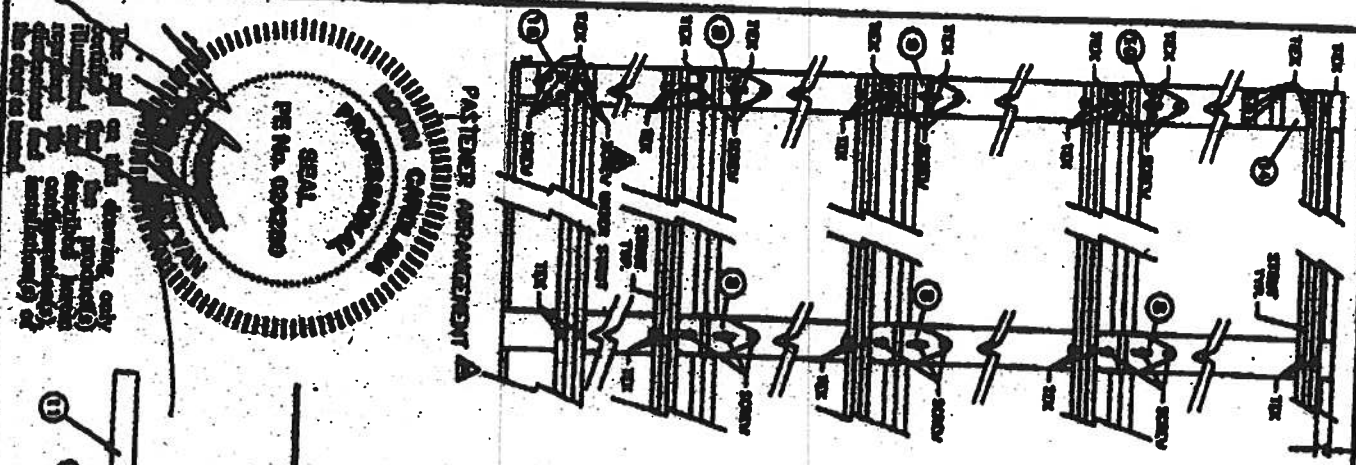
SEC. C-E
VERTICAL TRACK, (16 GA)

DESIGN LOAD +200 PSF & -200 PSF
TEST LOAD +300 PSF & -300 PSF

GENERAL NOTES:
STEEL, PAINT, EXTERIOR STEEL, AND JOINTS ARE TESTED
SERIES 700, EXTERIOR STEEL, AND JOINTS ARE TESTED
SERIES 700, EXTERIOR STEEL, AND JOINTS ARE TESTED
SERIES 700, EXTERIOR STEEL, AND JOINTS ARE TESTED

SECTION	HEIGHT	WIDTH	ANGLE	TYPE	TESTED
16'	7'	23°	3"	5	2 IN

GENERAL NOTES:
STEEL, PAINT, EXTERIOR STEEL, AND JOINTS ARE TESTED
SERIES 700, EXTERIOR STEEL, AND JOINTS ARE TESTED
SERIES 700, EXTERIOR STEEL, AND JOINTS ARE TESTED
SERIES 700, EXTERIOR STEEL, AND JOINTS ARE TESTED



LISTED
REPORT NO. 2702

11 ROLLER BALLS
3/8" DIA. OR 3/4" DIA. STEEL ROLLERS ATTACHED WITH 2" DIA. SCREWS FOR 3/8" OR 1/2" STILE. (SEE NOTE)

12 STILE LOCK

13 1-1/2" x 1/2" SCREW

14 1-1/2" x 1/2" SCREW WITH 1/2" WASHERS

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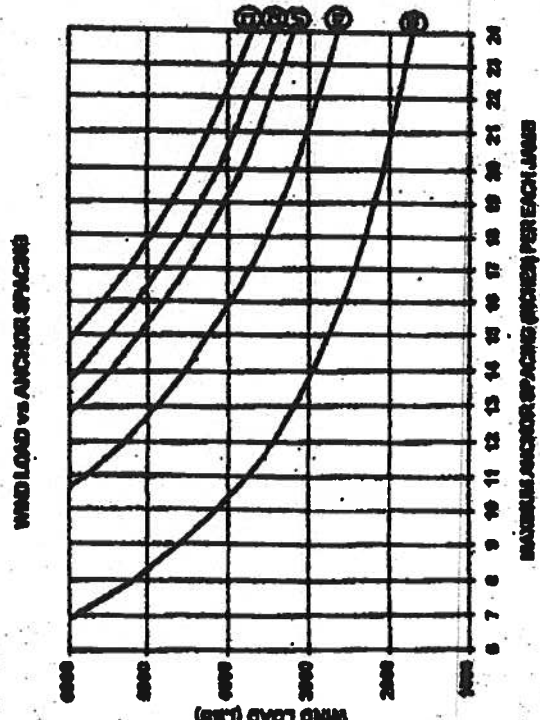
COLUMBIA DOOR COMPANY
1000 W. 10TH AVE. SUITE 100
DENVER, CO 80202
TEL: 303.733.1111
FAX: 303.733.1112
WWW.COLUMBIADOOR.COM

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
 2x6 PRESSURE TREATED GRADE #2 OR BETTER SOUTHERN PINE VIBRO JAMB SHALL BE ANCHORED TO BUILDING WOOD FRAME, GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

NOTES

- 1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.
- 2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SPECIALLY STAMPED FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION SSTD 10, CURRENT EDITION.
- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- 4) WOOD FRAME MILLING STUDS AT EACH SIDE OF DOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2x6 PRESSURE TREATED SOUTHERN PINE (SP) GRADE OR BETTER WOOD STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.
- 5) REINFORCED CMU OR CONCRETE 2x6 VIBRO JAMB SHALL BE ANCHORED TO SOLIDLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2000 PSI GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- 6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.
- 7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM 3" EDGE DISTANCE FROM ALL EDGES OF CONCRETE OR CONCRETE MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM SPACING OF 9-3/4"
- 8) LAG SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE 2x6 WALL STUDS.
- 9) WASHERS ARE REQUIRED ON ALL FASTENERS.
- 10) THE VIBRO LAG VS ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.
- 11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2x6 VIBRO JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2x6 VIBRO JAMB ANCHORS, AN ADJUSTABLE 2x6 VIBRO JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO VIBRO JAMB ANCHORS.

- 1) CONCRETE ANCHOR WITH EDGE DISTANCE 3/4" MIN. 1-5/8" EMBEDMENT
- 2) CONCRETE ANCHOR WITH 1/2" MIN. LAG/STUD SLIDE ANCHOR 3/4" MIN. 1-5/8" EMBEDMENT
- 3) CONCRETE ANCHOR WITH 1/2" MIN. LAG/STUD SLIDE ANCHOR 3/4" MIN. 1-5/8" EMBEDMENT
- 4) CONCRETE ANCHOR WITH 1/2" MIN. LAG/STUD SLIDE ANCHOR 3/4" MIN. 1-5/8" EMBEDMENT
- 5) CONCRETE ANCHOR WITH 1/2" MIN. LAG/STUD SLIDE ANCHOR 3/4" MIN. 1-5/8" EMBEDMENT
- 6) WOOD END ANCHOR LAG SCREW 3/4" DIA. 1-1/2" EMBEDMENT



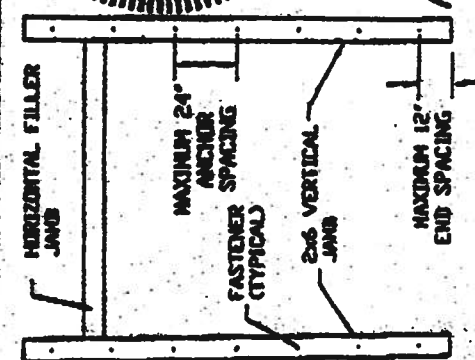
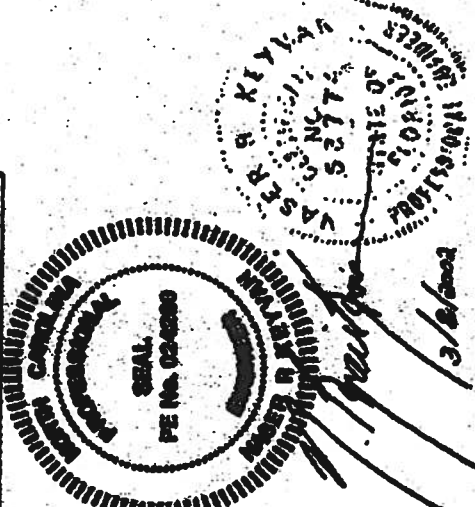
DESIGN CLASS X GARAGE DOOR AREA WIDTH-FT X HEIGHT-FT = VIBRO LAG/STUD LOAD FT²

EXAMPLE

20 LBS. X 06 FT WIDE X 8 FT HIGH = 3840 LBS

- 1) USE 24" SPACING
- 2) USE 22" SPACING
- 3) USE 20" SPACING
- 4) USE 18" SPACING
- 5) USE 16" SPACING

SEE NOTE 8 FOR ADJUSTABLE ANCHORS 2x6 VIBRO JAMB ANCHORS



GENERAL MASONRY DOOR COMPANY	
3825 WASHINGTON ROAD MONTICELLO, FL 32185	
DATE: 6-28-04	DESIGNED BY: [Signature]
SCALE: 1/8" = 1'-0"	CHECKED BY: [Signature]
DRAWN TO STRUCTURE ATTACHMENT FOR VIBRO LAGGED GARAGE DOORS	

roofing - other

COMMUNITY AFFAIRS



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Product Approval
USER: Public User

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 [Product or Application Search](#) >
 [Application List](#)

Search Criteria

Code Version 2004 **FL #** ALL
Application Type ALL **Product Manufacturer** Owens Corning
Category Roofing **Subcategory** ALL
Application Status ALL **Compliance Method** ALL

[Refine Search](#)

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL234-R1 History	Revision	Owens Corning Category: Roofing Subcategory: Other		Approved
FL1000-R1 History	Revision	Owens Corning Category: Roofing Subcategory: Underlayments		Approved
FL1001-R1 History	Revision	Owens Corning Category: Roofing Subcategory: Underlayments	Robert J. M. Nleminen, PE (203) 596-7884	Approved
FL2276-R1	Revision	Owens Corning	Robert J. M.	Approved

<u>History</u>		Category: Roofing Subcategory: Cements-Adhesives-Coatings	Nieminen, PE (203) 596-7884	
<u>FL3349-R1 History</u>	Revision	Category: Roofing Subcategory: Underlayments	Robert J. M. Nieminen, PE (203) 596-7884	Approved
<u>FL3663-R1 History</u>	Revision	Category: Roofing Subcategory: Asphalt Shingles		Approved
<u>FL5289</u>	New	Category: Roofing Subcategory: Other		Approved
<u>FL6221</u>	New	Category: Roofing Subcategory: Underlayments	Robert J. M. Nieminen, PE (203) 596-7884	Approved
<u>FL6242</u>	New	Category: Roofing Subcategory: Roofing Insulation		Approved
<u>FL6397</u>	New	Category: Roofing Subcategory: Roofing Accessories that are an Integral Part of the Roofing System		Approved

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
 2555 Sunward Oak Boulevard
 Tallahassee, Florida 32399-2100
 (850) 487-1824, Suncom 277-1824, Fax (850) 414-8436
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Product Approval Accepts:





XX

Glazed Outswing Unit

WOOD-EDGE STEEL DOORS

APPROVED ASSEMBLY:



Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 6'0" x 6'0".

Double Door
Minimum unit size - 6'0" x 6'0"

Design Pressure
+40.5/-40.5

United entry entrance threshold design is used.

Large Glazable Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-referenced, wind or load building codes specify the values required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MID-WL-104002-02 and MID-WL-102001-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-104002-02.

APPROVED DOOR STYLES:

1/8 GLASS:



101 Style



102, 103 Style



104 Style



105 Style



106 Style

1/2 GLASS:



107 Style



108, 109 Style



110 Style



111 Style



112, 113, 114, 115 Style



116 Style



117 Style



118 Style

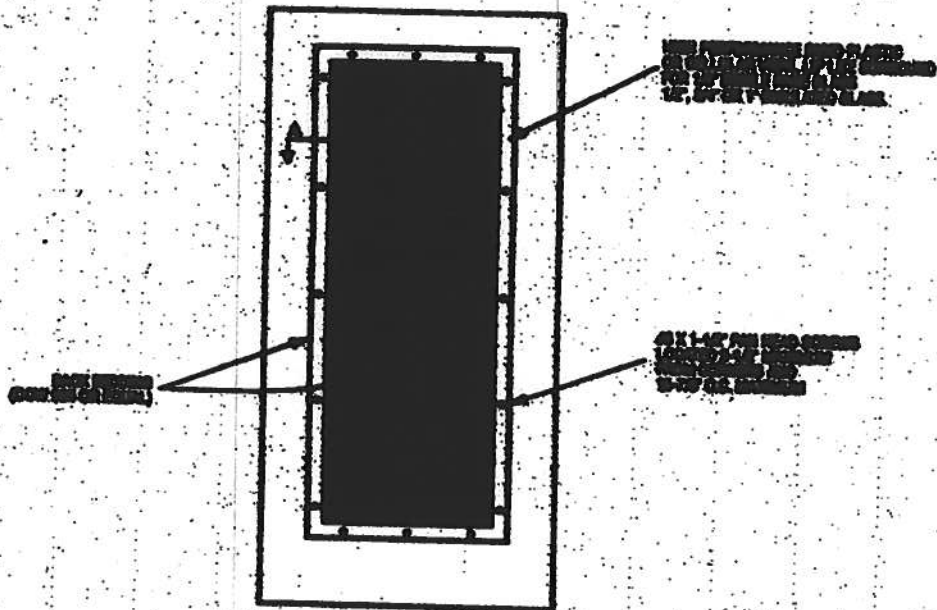
*This glass kit may also be used in the following door styles: 5-panel; 6-panel with arch; 8-panel; 8-panel; 8-panel with arch.

Johnson
Window Systems

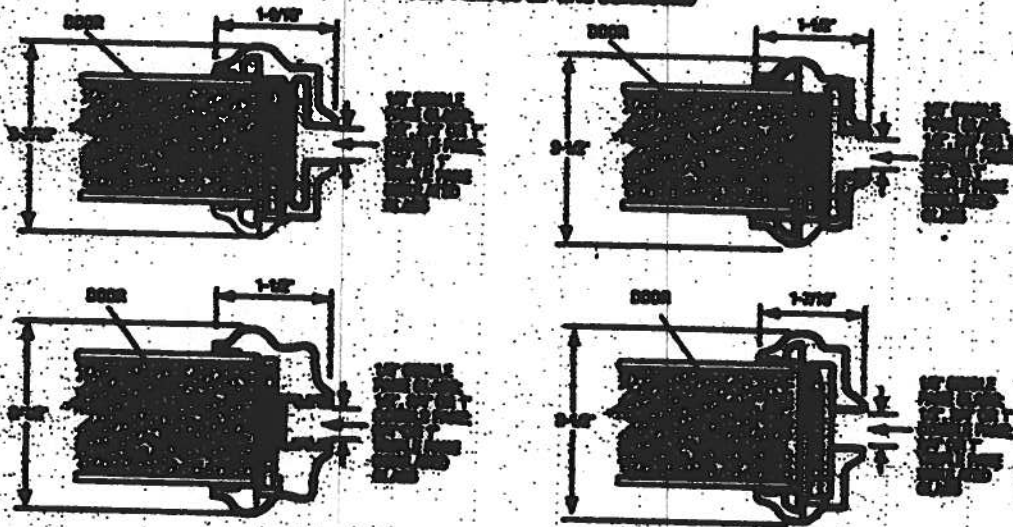
March 28, 2002
Compliance requires that minimum assembly details have been followed - see MID-WL-104002-02 and MID-WL-102001-02.



GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL 4800 PLASTIC LIP LITE CHANNEL



Model 4800
See complete range of product literature and specifications
at our website www.masonite.com



XX
Glazed Outswing Unit



WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



FULL GLASS:



COMPILED TEST REPORTS:

NCTL 210-1887-7, 8, 9, 10, 11, 12; NCTL 210-1884-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Qualifying Engineer and License Number: Barry D. Forney, P.E. / 10288

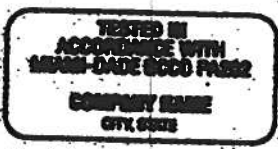
Unit Tested in Accordance with Miami-Dade SCCO F4602

Evaluation report NCTL-210-2784-1

Door panels constructed from 22-gauge 0.017" thick steel sheet. Both sides constructed from wood. Top and rails constructed of 0.041" steel. Bottom and sills constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip fit surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:



To the best of my knowledge and ability the above title-bearing engineer door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L. Batty

State of Florida, Professional Engineer
Kurt Balthasar, P.E. -- License Number 69889

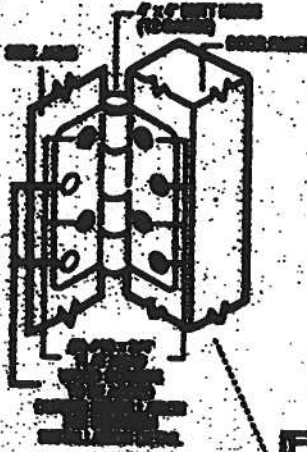
Johnson
Manufacturing
Specialty products, quality control, design and service
Manufacturing and distribution



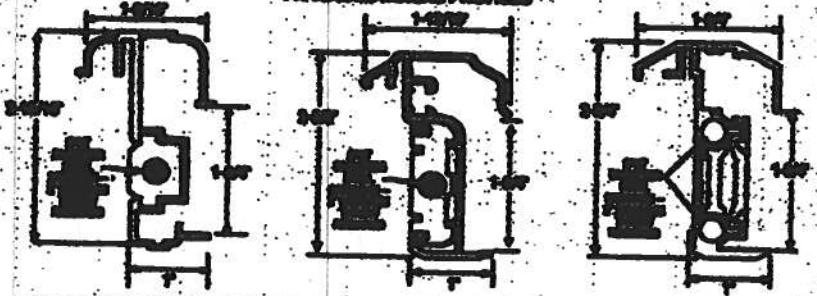
XX
Unit

**OUTSWING UNITS WITH
DOUBLE DOOR**

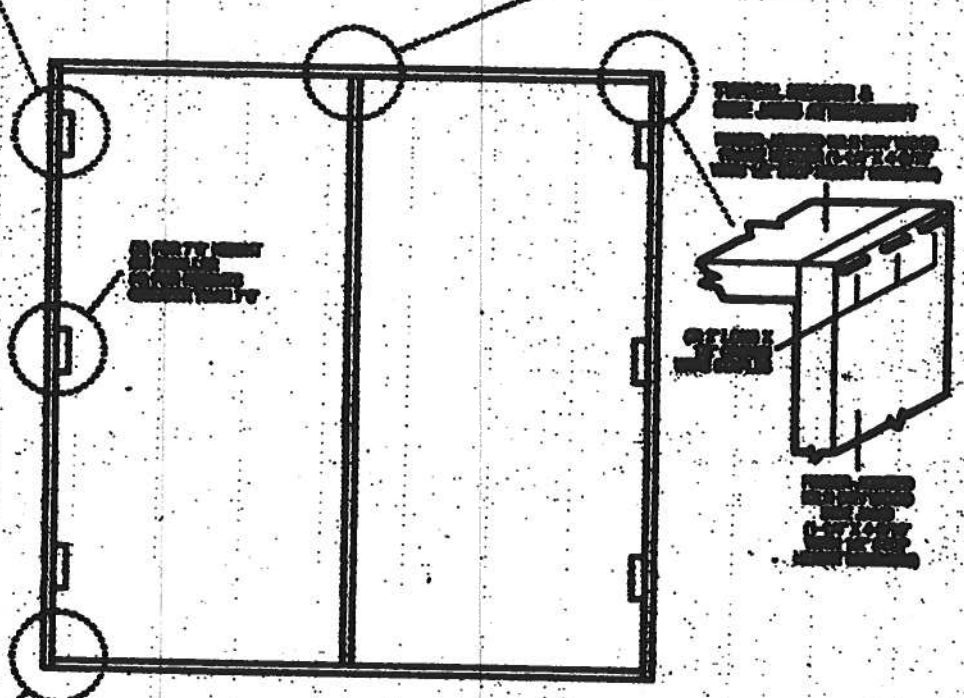
TYPICAL WIND STOPPING



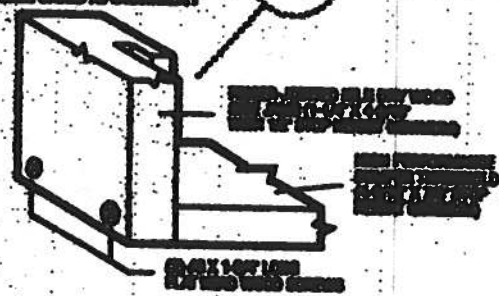
TYPICAL ASSEMBLY PROFILES



ALL DIMENSIONS GIVEN UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE APPROXIMATE. SEE DRAWING FOR DIMENSIONS OF ALL PARTS. DIMENSIONS ARE GIVEN IN INCHES - FRACTIONS. DIMENSIONS ARE GIVEN IN MILLIMETERS - WHOLE NUMBERS.



TYPICAL WIND STOPPING & WIND STOPPING

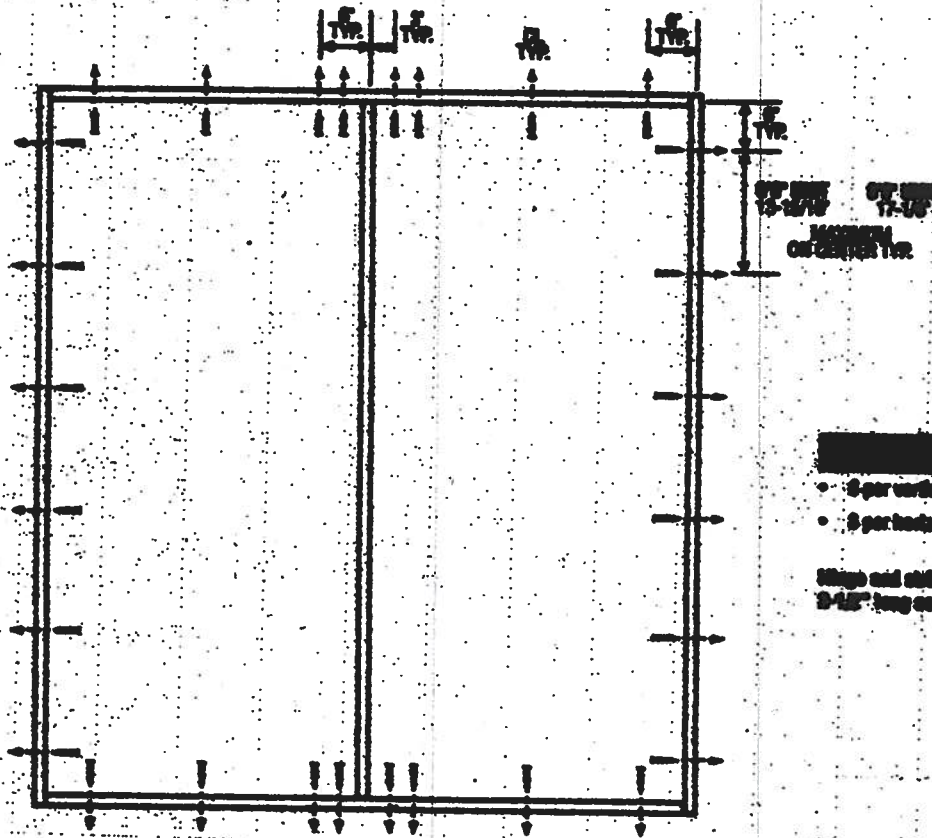


SEE DRAWING FOR DIMENSIONS OF ALL PARTS. DIMENSIONS ARE GIVEN IN INCHES - FRACTIONS. DIMENSIONS ARE GIVEN IN MILLIMETERS - WHOLE NUMBERS.



XX
Unit

DOUBLE DOOR



- 2 per vertical framing member
 - 2 per horizontal framing member
- Slugs and chills glazes require two 2-1/2" long anchors per location.

Latching Hardware:

- Compliance requires that **GRADE 2** or better (MINIMUM ASSESS) cylindrical and deadbolt hardware be installed.

Notes:

1. Anchor calculations have been carried out with the lowest (best) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Rebar.
2. The wood screw slugs their design values come from Table 11.2A of ANCHOR & PA NEG for southern pine lumber with a slug member thickness of 1-1/4" and minimum embedment. The 3/16" Rebar slugs their design values come from the IFW and ELOO Code Country approach respectively, each with minimum 1-1/4" embedment.
3. Wood bolts by others, must be anchored properly to transfer loads to the structure.

Form No. 100
For more information or product literature, visit our website at www.masonite.com



Window

I

**AAMA/NWDA 101/LS-2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650 Fin

TYPE: Aluminum Single Hung Window

Title of Test	Result
Rating	H-240 12 x 72
Overall Design Pressure	+43.0 psf
Operating Force	-47.2 psf
Air Infiltration	11 lb max
Water Resistance	0.13 cfm/ft ²
Structural Test Pressure	6.00 psf
De-glazing	+67.5 psf
Forced Entry Resistance	-70.8 psf
	Grade 10

Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hass
Mark A. Hass, Technician

MAR:ab

William P. Reeves
1 APRIL 2002



Architectural Testing

AAMA/NWDA 101/ES-2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-4113601
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethtown, Pennsylvania. The samples tested successfully met the performance requirements for a H-340 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWDA 101/ES-2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.*

Test Specimen Description:

- Series/Model: 650 Fin
- Type: Aluminum Single Hung Window
- Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high
- Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high
- Daylight Operating Size: 3' 11-3/8" wide by 2' 9-1/2" high
- Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high
- Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 3/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced spacer system. The active sash was channel glazed utilizing a flexible vinyl weatherstripping gasket. The fixed lite was interior glazed against double-sided adhesive film and secured with PVC snap-in glazing beads.

120 Derry Court
York, PA 17402-9625
phone: 717.764.7700
fax: 717.764.4125
www.architest.com

Allen R. R...
1 APRIL 2002



Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polyurethane with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polyurethane with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/8" screws.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the miter into sash jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with taped corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

Description	Quantity	Location
Metal cam lock with keeper	2	Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail



Allen H. Reines
1 APRIL 2002

Test Specimen Description: (Continued)

Drainage: Sloped all

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test block with #6 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the entire perimeter.

Test Results:

The results are tabulated as follows:

Item	Title of Test - Test Method	Results	Allowed
2.2.1.3.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 paf (25 mph)	0.13 cfm/ft ²	0.3 cfm/ft ² max

Note #1: The tested specimen meets the performance levels specified in ASTM/NFPA 101/LS 2-97 for air infiltration.

	Water Resistance (ASTM E 547-00) (with and without screen) WTF = 2.56 paf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds) @ 25.9 paf (positive) @ 34.7 paf (negative)	0.42" 0.43"	0.26" max. 0.26" max.

*Exceeds 1/175 for deflection, but passes all other test requirements.

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 38.9 paf (positive) @ 52.1 paf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
---------	---	----------------	--------------------------

Allen H. Reeves
1 APR 16 2002



V

Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	Dugesting Test (ASTM E 987)		
	In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTR = 5.00 pcf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	⊕ 45.0 pcf (positive)	0.47"	0.26" max.
	⊖ 47.2 pcf (negative)	0.46"	0.26" max.

*Exceeds L/175 for deflection, but passes all other test requirements.

Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	⊕ 67.3 pcf (positive)	0.05"
⊖ 70.8 pcf (negative)	0.05"	

Allen H. Ramsey
1 APRIL 2002



VI

Detailed drawings, representative samples of the test specimens, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC.



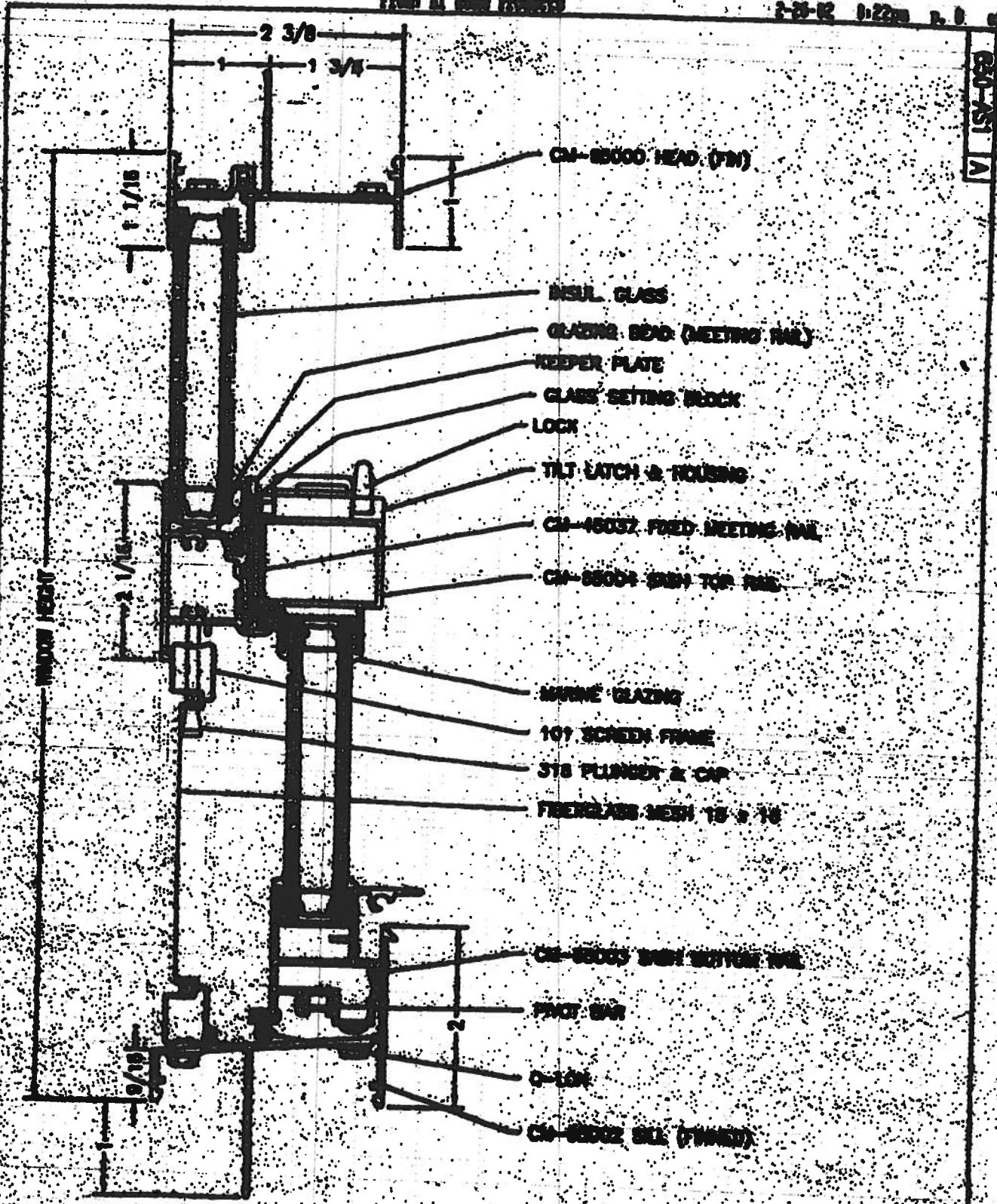
Mark A. Hunt
Technician

MAH:ab
01-41134.01



Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002

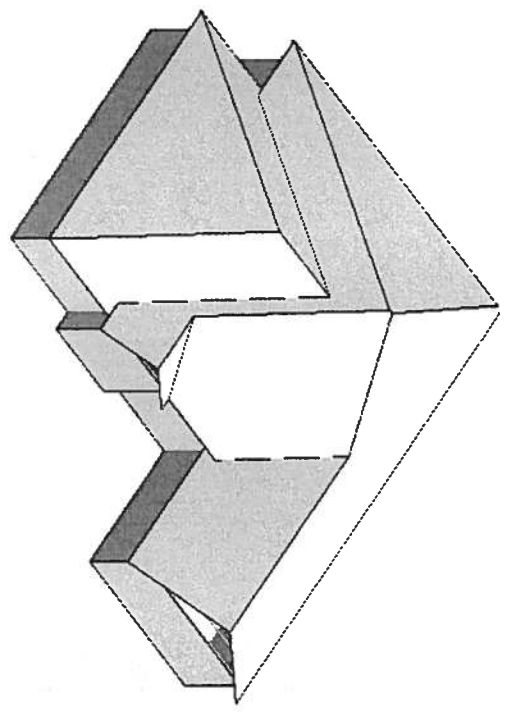
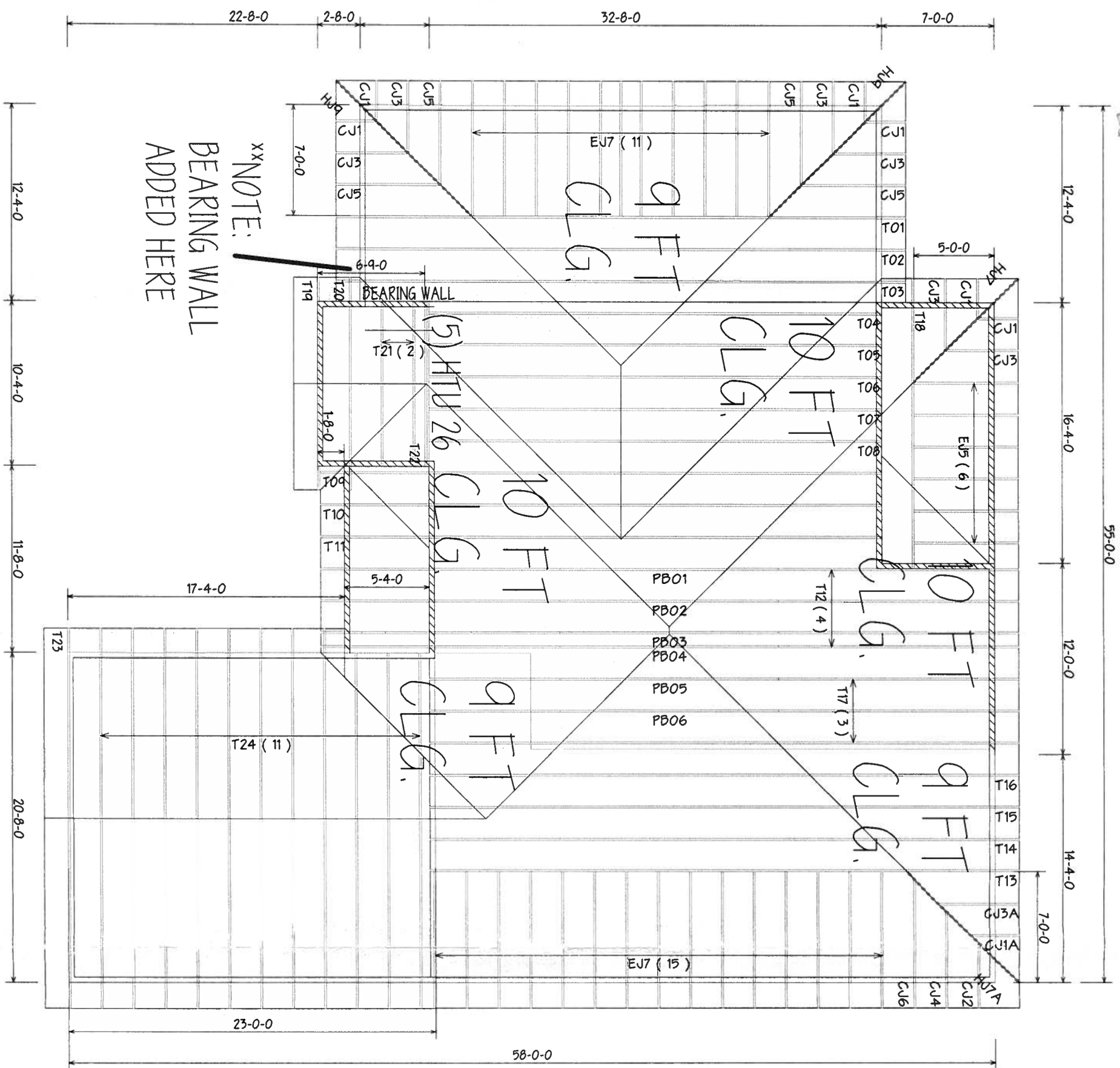




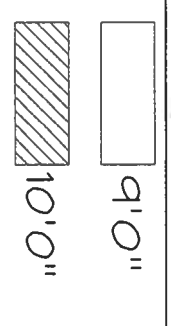
- CM-85000 HEAD (FIN)
- INSUL. GLASS
- GLAZING BEAD (MEETING RAIL)
- KEEPER PLATE
- GLASS SETTING BLOCK
- LOCK
- TLT LATCH & HOUSING
- CM-46037 FIXED MEETING RAIL
- CM-85004 SUBM TOP RAIL
- INSUL. GLAZING
- 101 SCREEN FRAME
- 318 PLUNGER & CAP
- FIBERGLASS MESH 18 x 18
- CM-85003 SUBM WINDOW RAIL
- FINISH BAR
- O-RING
- CM-85002 SILL (FINISH)

VI (SV-029)

HI HOME PRODUCTS
 200 WEST BERRY STREET - SUITE 201 - FORT WORTH, TEXAS 76102-1000
 TITLE: 650 SH FIN. MOUNT FRAME
 VENDOR: CHAS. BERNER
 DATE: 2-25-82
 650 AS1 1A



BEARING HEIGHT SCHEDULE



NOTES:
 1) REFER TO HB OR RECOMMENDATIONS FOR INSTALLATION AND TEMPORARY BRACING. REFER TO ENGINEER DRAWINGS FOR TEMPORARY BRACING REQUIRED.
 2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECIDED OR REFER TO DETAIL V05 FOR ALTERNATE BRACING REQUIREMENTS.
 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
 4) ALL TRUSSES ARE DESIGNED FOR 2' OC MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
 6) 5x42 TRUSSES MUST BE INSTALLED WITH THE TOP BEAMS UP.
 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HT36 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON TH422 UNLESS OTHERWISE NOTED.
 8) BEAM/HEADLINE (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

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



Builder: **COMPASS BLDRS**
 Location: **LOT 49 CALLAWAY**
 Phone: 904-437-3349 FAX: 904-437-3944
 Phone: 904-772-6100 FAX: 904-772-1973
 Lake City
 Phone: 386-755-6894 FAX: 386-755-7973
 Sanford
 Phone: 407-322-0099 FAX: 407-322-5953

DATE: 9/28/06
 DRAWN BY: JOE L22217
 SCALE: NTS
 THE LANI