

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0609-30 Date Received 9-13-06 By LG Permit # 1227/25076
 Application Approved by - Zoning Official BLK Date 19.07.06 Plans Examiner CKJH Date 9-20-06
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A3
 Comments _____

Applicants Name Linda or Melanie Roder Phone 386-752-2281
 Address 387 SW Kemp Ct Lake City FL 32024
 Owners Name Skyline Homes Inc. Phone 755-1586
 911 Address Pendin
 Contractors Name Aaron Simque Homes Inc. Phone 487-1473
 Address P.O.B. 2183 Lake City FL 32024
 Fee Simple Owner Name & Address NA
 Bonding Co. Name & Address NA
 Architect/Engineer Name & Address Will Myers Design
 Mortgage Lenders Name & Address Alarion Bank
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 22-25-16-01721-005 Estimated Cost of Construction 87,000
 Subdivision Name Suwannee Valley Estates Lot 5 Block F Unit _____ Phase _____
 Driving Directions Hwy 41 N. Lot on L, 3rd lot down from TL Sparr Lane, TL on easement 100ft, 3 lot on right.

Type of Construction SED Number of Existing Dwellings on Property 0
 Total Acreage 0.25 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 35' Side 26'-6" Side 26'-6" Rear 27'-6"
 Total Building Height 18'-5" Number of Stories 1 Heated Floor Area 1485 Roof Pitch 6-12
 TOTAL 2131

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.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA



Linda R. Roder
 Commission #DD303275
 Expires: Mar 24, 2008
 Bonded Thru
 Atlantic Bonding Co., Inc.

Sworn to (or affirmed) and subscribed before me
 this _____ day of _____ 20____
 Personally known _____ or Produced Identification _____

Contractor Signature
 Contractors License Number RB 29003130
 Competency Card Number _____
 NOTARY STAMP/SEAL

Notary Signature

06 09 - 30

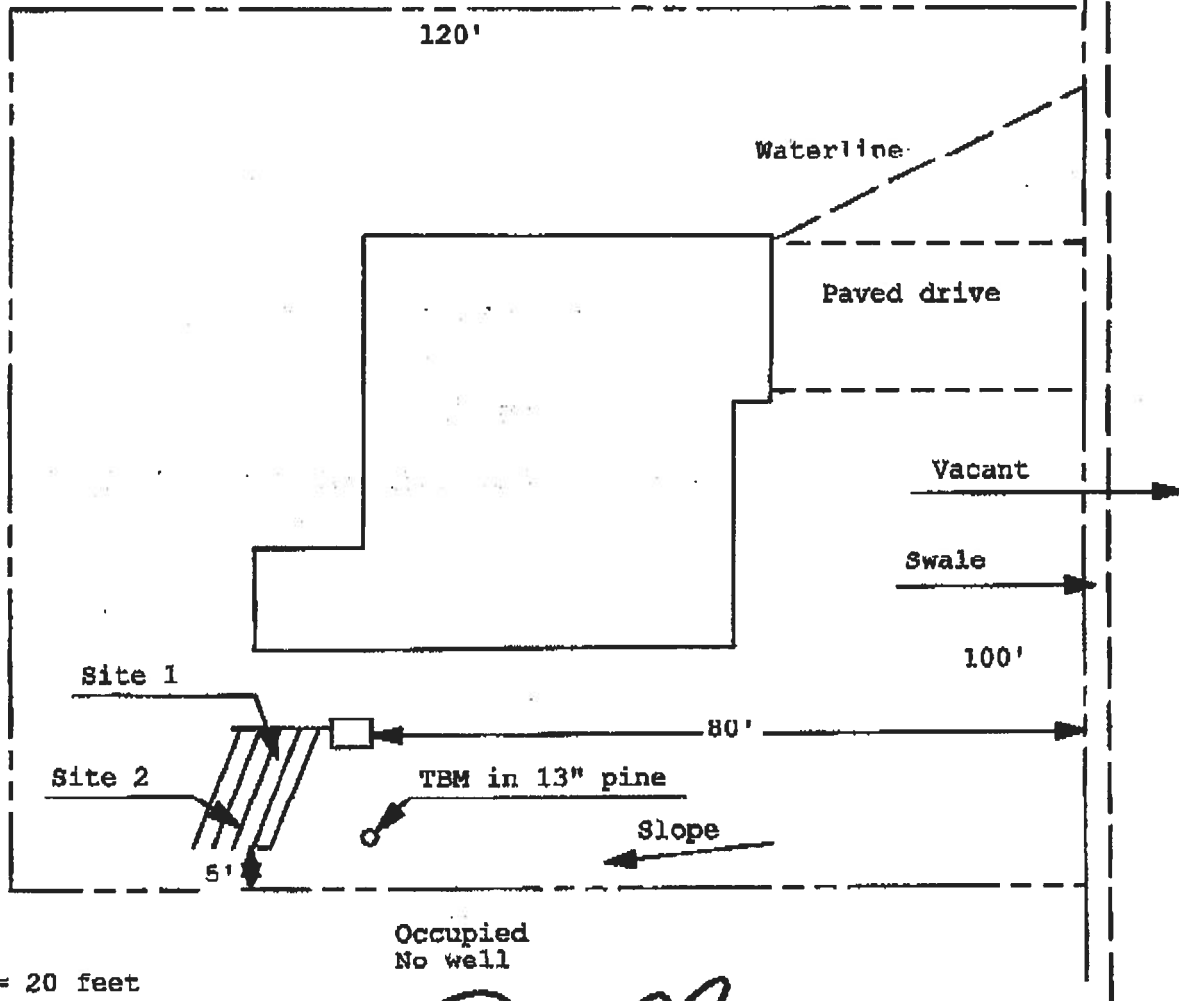
**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan****Permit Application Number:** 06-0779N**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT**

PHINNEY/CR 06-3629

Suwannee Valley Estates
Block F, Lot 5

Vacant

North

V
a
c
a
n
t
 Site Plan Submitted By Paul L. L... Date 8/3/06
 Plan Approved X Not Approved Date
By Salhi Gaddy 511 9-1-06 CPHUNotes:

ATS# 15960

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, Florida 32055

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 8th day of August, 2006 by

Howard M. Kaplan

hereinafter called the grantor, to

Skyline Homes, Inc

whose post office address is: 120 SW Smith Lane, Lake City, FL 32024
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID# R01721-005

Lot 5, Block F, of Suwannee Valley Estates, a subdivision according to the plat thereof as recorded in Plat Book 3, Page 87, of the Public Records of Columbia County, Florida.

The above described property is not, nor has it ever been, the homestead property of the Grantor who in fact resides at 16002 SW 49th Court Road, Ocala, Florida, 34473.

TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2005.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Cheryl Beatty
Witness
Cheryl Beatty
Printed Name
Traci Landry
Witness
Printed Name Traci Landry

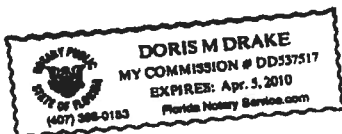
Howard M. Kaplan
Howard M. Kaplan

Inst:2006016981 Date:08/10/2006 Time:10:38
Doc Stamp-Deed : 133.00
S.F. DC, P. Dewitt Cason, Columbia County B:1092 P:899

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 8th day of August, 2006 by Howard M. Kaplan personally known to me or, if not personally known to me, who produced drivers license for identification and who did not take an oath.

(SEAL)



[Signature]
Notary Public

15960

This Instrument Prepared By:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, Florida 32055

NOTICE OF COMMENCEMENT

TO WHOM IT MAY CONCERN:

The undersigned hereby give notice that improvements will be made to certain real property and in accordance with Chapter 713.13, Florida Statutes, the following is provided in this Notice of Commencement:

1. Description of Property: Lot 5, Block F, of Suwannee Valley Estates, a subdivision according to the plat thereof as recorded in Plat Book 3, Page 87, of the Public Records of Columbia County, Florida.
2. General Description of Improvement: Construction of Dwelling
3. Owner Information:
 - a. Name and Address: Skyline Homes, Inc, 120 SW Smith Lane, Lake City, FL 32024
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): Aaron Simque Homes, Inc.
484 SW Commerce Drive
Lake City, FL 32055
5. Surety:
 - a. Name and Address: N/A
 - b. Amount of Bond: N/A
6. LENDER: Alarion Bank
4373 Newberry Road
Gainesville, FL 32607
7. Persons within the State of Florida designated by Owner upon whom notices of other documents may be served as provided in Section 713.13(1)(a)7., Florida Statutes: NONE
8. In addition to himself, Owner designates Blake Farrell, of Alarion Bank at 4373 Newberry Road, Gainesville, FL 32607, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b) Florida Statutes.
8. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

*Owner is used for singular or plural as context requires.

Signed, sealed and delivered in the presence:

WITNESS

WITNESS Doris m Drake

Skyline Homes, Inc

Joel R. Phinney, President

STATE OF FLORIDA
COUNTY OF COLUMBIA

Before me, personally appeared Joel R. Phinney, President of Skyline Homes, Inc, to me known to be the person(s) described in and who executed the foregoing instrument, and they acknowledged to and before me that they executed said instrument for the purpose therein expressed.

Witness my hand and official seal this 8th day of August, 2006.

(SEAL)

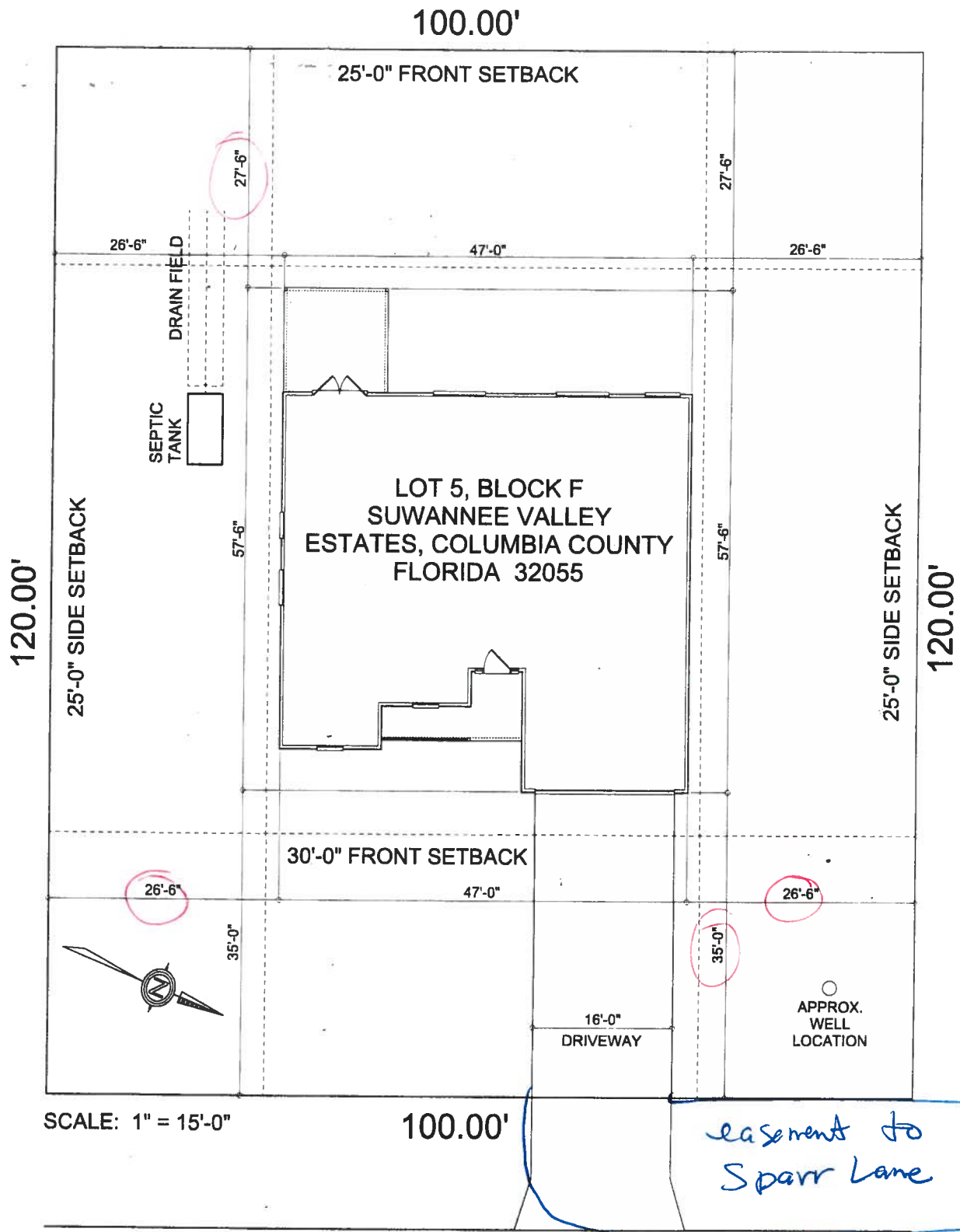


NOTARY PUBLIC

My Commission Expires:

Inst:2006018984 Date:08/10/2006 Time:10:38

A. P. DC, P. Dewitt Cason, Columbia County B:1092 P:914



US HIGHWAY 41

FROM :

FAX NO. : 386-755-7022

Sep. 17 2002 01:52PM P1

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1234
FAX (904) 755-7022
2222 N. W. 10th St.
LAKE CITY, FLORIDA 32065
904 NW Main Blvd.

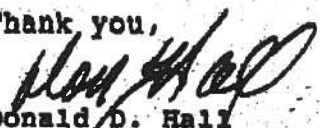
June 12, 2002

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
DDH/jk

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Skyline Homes INC.	Builder:	Aaron Simque Homes
Address:	Lot: 5, Sub: Suwannee Valley, Plat: Block F	Permitting Office:	Columbia
City, State:	Lake City, FL 32025-	Permit Number:	25076
Owner:	Aaron Simque Homes	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu/hr SEER: 11.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	No	13. Heating systems	
6. Conditioned floor area (ft²)	1485 ft²	a. Electric Heat Pump	Cap: 30.0 kBtu/hr HSPF: 6.80
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor:	Description Area	c. N/A	
(or Single or Double DEFAULT) 7a. (Dble Default) 163.3 ft²		14. Hot water systems	
b. SHGC:		a. Electric Resistance	Cap: 50.0 gallons EF: 0.90
(or Clear or Tint DEFAULT) 7b. (Clear) 163.3 ft²		b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 175.0(p) ft	15. HVAC credits	
b. N/A		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 1016.7 ft²		
b. Frame, Wood, Adjacent	R=13.0, 181.4 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1485.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 35.0 ft		
b. N/A			

Glass/Floor Area: 0.11

Total as-built points: 23075
Total base points: 23274**PASS**

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

PREPARED BY: Jon MorrisDATE: 8-7-06

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

OWNER/AGENT: Quida RoderDATE: 8-14-06

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

BUILDING OFFICIAL: _____

DATE: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Suwannee Valley, Plat: Block F, Lake City, FL, 32025- PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1485.0	20.04	5356.7	Double, Clear	W	13.5	8.0	40.0	38.52	0.43	657.8
				Double, Clear	W	1.5	8.0	60.0	38.52	0.96	2214.6
				Double, Clear	W	1.5	8.0	4.0	38.52	0.96	147.6
				Double, Clear	E	9.5	8.0	13.3	42.06	0.47	263.5
				Double, Clear	E	5.5	8.0	15.0	42.06	0.62	391.2
				Double, Clear	E	1.5	8.0	15.0	42.06	0.96	604.2
				Double, Clear	S	1.5	8.0	4.0	35.87	0.92	132.5
				Double, Clear	S	1.5	8.0	12.0	35.87	0.92	397.4
				As-Built Total:		163.3			4808.7		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	181.4	0.70	127.0	Frame, Wood, Exterior	13.0		1016.7	1.50	1525.1		
Exterior	1016.7	1.70	1728.4	Frame, Wood, Adjacent	13.0		181.4	0.60	108.8		
Base Total: 1198.1 1855.4				As-Built Total:		1198.1			1633.9		
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	18.6	1.60	29.7	Exterior Insulated				20.0	4.10	82.0	
Exterior	20.0	4.10	82.0	Adjacent Insulated				18.6	1.60	29.7	
Base Total: 38.6 111.7				As-Built Total:		38.6			111.7		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1485.0	1.73	2569.1	Under Attic	30.0		1485.0	1.73 X 1.00	2569.1		
Base Total: 1485.0 2569.1				As-Built Total:		1485.0			2569.1		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	175.0(p)	-37.0	-6475.0	Slab-On-Grade Edge Insulation	0.0		175.0(p)	-41.20	-7210.0		
Raised	0.0	0.00	0.0								
Base Total: -6475.0				As-Built Total:		175.0			-7210.0		
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
	1485.0	10.21	15161.8	1485.0 10.21 15161.8							

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 5, Sub: Suwannee Valley, Plat: Block F, Lake City, FL, 32025- PERMIT #:

BASE				AS-BUILT					
Summer Base Points: 18579.7				Summer As-Built Points: 17075.2					
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (1.09 x 1.147 x 1.00)	X System Multiplier	X Credit Multiplier	= Cooling Points
18579.7	0.4266		7926.1	(sys 1: Central Unit 30000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 17075	1.00	1.250	0.310	1.000	6623.7
				17075.2	1.00	1.250	0.310	1.000	6623.7

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Suwannee Valley, Plat: Block F, Lake City, FL, 32025- PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	1485.0	12.74	3405.4	Double, Clear	W	13.5	8.0	40.0	20.73	1.21	1006.9
				Double, Clear	W	1.5	8.0	60.0	20.73	1.01	1257.5
				Double, Clear	W	1.5	8.0	4.0	20.73	1.01	83.8
				Double, Clear	E	9.5	8.0	13.3	18.79	1.34	334.2
				Double, Clear	E	5.5	8.0	15.0	18.79	1.19	335.3
				Double, Clear	E	1.5	8.0	15.0	18.79	1.02	287.5
				Double, Clear	S	1.5	8.0	4.0	13.30	1.04	55.4
				Double, Clear	S	1.5	8.0	12.0	13.30	1.04	166.1
				As-Built Total:			163.3			3526.7	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	181.4	3.60	653.0	Frame, Wood, Exterior	13.0			1016.7	3.40	3456.8	
Exterior	1016.7	3.70	3761.8	Frame, Wood, Adjacent	13.0			181.4	3.30	598.6	
Base Total:		1198.1	4414.8	As-Built Total:			1198.1			4055.4	
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	18.6	8.00	148.5	Exterior Insulated				20.0	8.40	168.0	
Exterior	20.0	8.40	168.0	Adjacent Insulated				18.6	8.00	148.5	
Base Total:		38.6	316.5	As-Built Total:			38.6			316.5	
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1485.0	2.05	3044.3	Under Attic	30.0			1485.0	2.05 X 1.00	3044.3	
Base Total:		1485.0	3044.3	As-Built Total:			1485.0			3044.3	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	175.0(p)	8.9	1557.5	Slab-On-Grade Edge Insulation	0.0			175.0(p)	18.80	3290.0	
Raised	0.0	0.00	0.0								
Base Total:		1557.5		As-Built Total:			175.0			3290.0	
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
		1485.0	-0.59					1485.0		-0.59	
		-876.1								-876.1	

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 5, Sub: Suwannee Valley, Plat: Block F, Lake City, FL, 32025- PERMIT #:

BASE			AS-BUILT						
Winter Base Points: 11862.3			Winter As-Built Points: 13356.7						
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points						
			(System - Points) (DM x DSM x AHU)						
			(sys 1: Electric Heat Pump 30000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Gar(AH),R6.0						
			13356.7 1.000 (1.069 x 1.169 x 1.00) 0.501 1.000 8370.2						
11862.3	0.6274	7442.4	13356.7 1.00 1.250 0.501 1.000 8370.2						

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Suwannee Valley, Plat: Block F, Lake City, FL, 32025- 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	0.90	3		1.00	2693.56
					As-Built Total:					8080.7

CODE COMPLIANCE STATUS							
BASE					AS-BUILT		
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
7926		7442		7905		23274	

Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
6624		8370		8081		23075	

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Suwannee Valley, Plat: Block F, Lake City, FL, 32025- PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.3

The higher the score, the more efficient the home.

Aaron Simque Homes, Lot: 5, Sub: Suwannee Valley, Plat: Block F, Lake City, FL, 32025-

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 30.0 kBtu/hr ___ SEER: 11.00 ___
3. Number of units, if multi-family	1	___	b. N/A	___
4. Number of Bedrooms	3	___	c. N/A	___
5. Is this a worst case?	No	___		
6. Conditioned floor area (ft ²)	1485 ft ²	___	13. Heating systems	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)			a. Electric Heat Pump	Cap: 30.0 kBtu/hr ___ HSPF: 6.80 ___
a. U-factor:	Description Area		b. N/A	___
(or Single or Double DEFAULT)	7a. (Dble Default) 163.3 ft ²	___	c. N/A	___
b. SHGC:				
(or Clear or Tint DEFAULT)	7b. (Clear) 163.3 ft ²	___		
8. Floor types				
a. Slab-On-Grade Edge Insulation	R=0.0, 175.0(p) ft	___		
b. N/A		___	14. Hot water systems	
c. N/A		___	a. Electric Resistance	Cap: 50.0 gallons ___ EF: 0.90 ___
9. Wall types			b. N/A	___
a. Frame, Wood, Exterior	R=13.0, 1016.7 ft ²	___	c. Conservation credits	___
b. Frame, Wood, Adjacent	R=13.0, 181.4 ft ²	___	(HR-Heat recovery, Solar	
c. N/A		___	DHP-Dedicated heat pump)	
d. N/A		___	15. HVAC credits	___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types			HF-Whole house fan,	
a. Under Attic	R=30.0, 1485.0 ft ²	___	PT-Programmable Thermostat,	
b. N/A		___	MZ-C-Multizone cooling,	
c. N/A		___	MZ-H-Multizone heating)	
11. Ducts				
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 35.0 ft	___		
b. N/A		___		

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

Builder Signature: _____

Date: _____

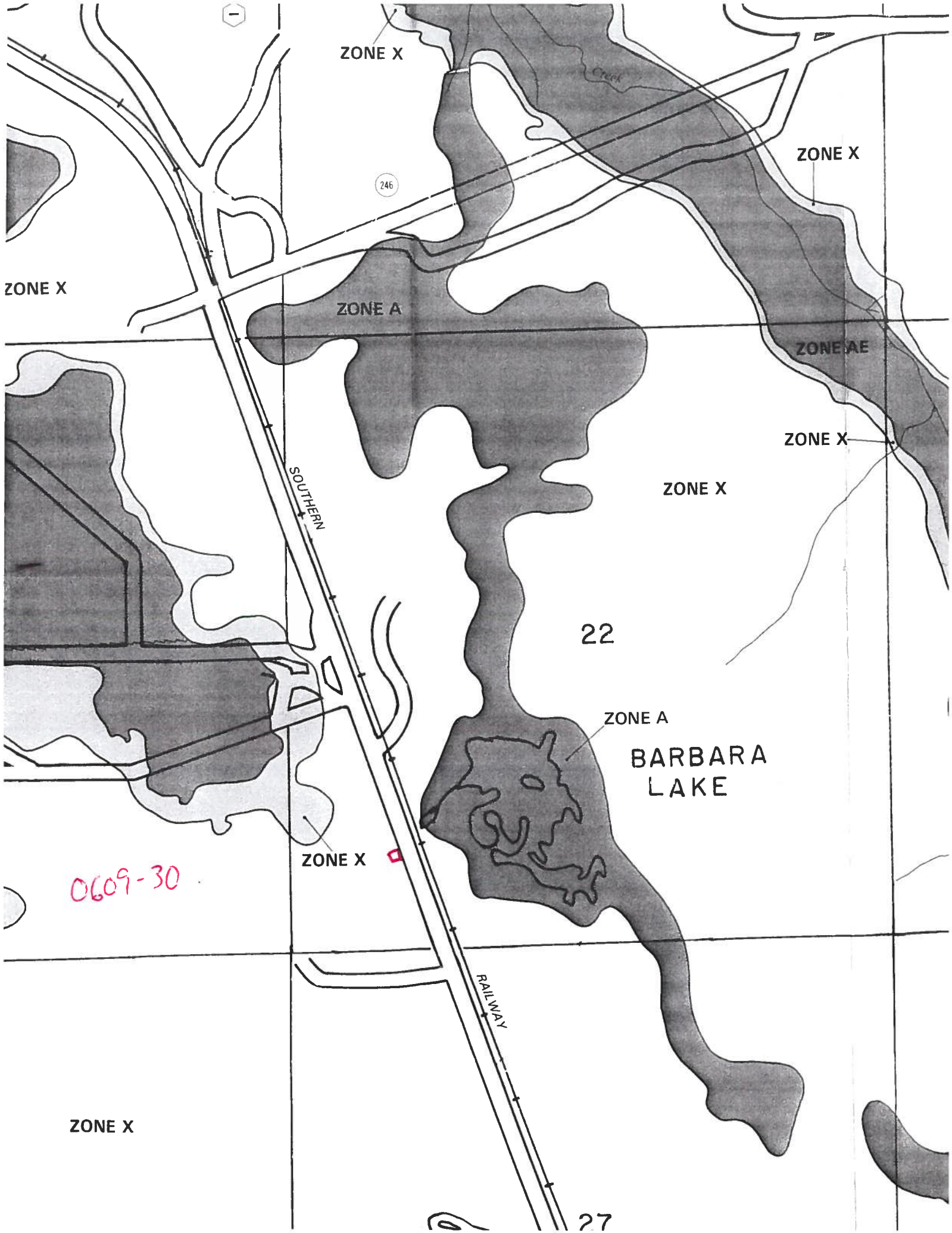
Address of New Home: _____

City/FL Zip: _____



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

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



ZONE X

246

ZONE X

ZONE X

ZONE A

ZONE AE

ZONE X

ZONE X

22

ZONE A

BARBARA LAKE

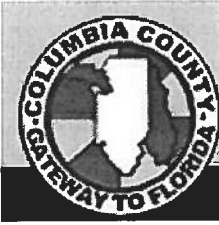
ZONE X

0609-30

ZONE X

RAILWAY

27



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

Reference to a building permit application Number: **0609-30**
Contractor Simque Homes Inc. Owner: Skyline Homes Inc. Property ID#22-2s-16-01721-005

On the date of September 15, 2006 application 0609-30 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0609-30 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

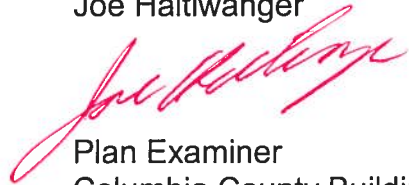
1. In the garage area a platform is shown for the HVAC appliance and the water heater appliance. The Florida Mechanical Code 3004 section 303.4

Protection from damage: Appliances shall not be installed in a location

where subject to mechanical damage unless protected by approved barriers. Please confirm that the height and width of the elevated platform will be sufficient to comply with section 303.4

2. Please have the structural designer, show the design method and materials to be used as a header which will span the garage door opening.

Joe Haltiwanger



Plan Examiner
Columbia County Building
Department

I

**AAMA/NWDA 101/1.S.2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

**SERIES/MODEL: 650 Fin
TYPE: Aluminum Single Hung Window**

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cfm/ft ²
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

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

For ARCHITECTURAL TESTING, INC.


Mark A. Hess, Technician

MAH:nib


1 APRIL 2002



II

Architectural Testing

AAMA/NWWDA 101/LS-2-97 TEST REPORT

Rendered to

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

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATT) 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-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/LS-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 Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

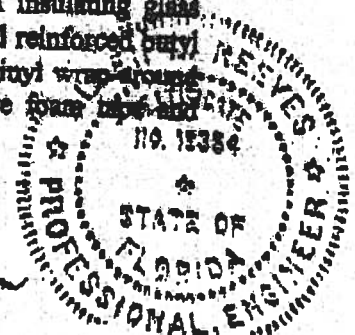
Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

Allen D. Remon
1 APRIL 2002



III

Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile 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 1-1/4" screws.

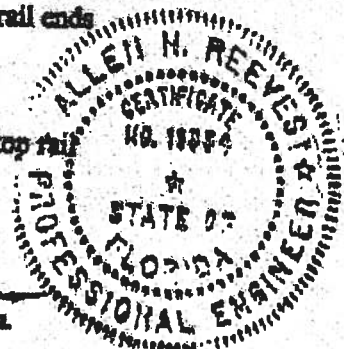
Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

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

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper		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. Reeves
1 APRIL 2002



IV

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 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 exterior perimeter.

Test Results:

The results are tabulated as follows:

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

Note #1: The tested specimen meets the performance levels specified in AAMA/NWDA 101/I.S. 2-97 for air infiltration.

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	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 psf (positive) @ 34.7 psf (negative)	0.42** 0.43**	0.26" max. 0.26" max.

**Exceeds L/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 psf (positive) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
---------	---	----------------	--------------------------

Allen H. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	Deglazing 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

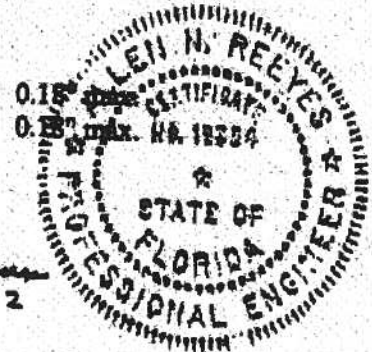
Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	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 psf (positive)	0.47"	0.26" max.
	@ 47.2 psf (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)	
@ 67.5 psf (positive)	0.05"
@ 70.8 psf (negative)	0.05"

Allen N. Reeves
1 APRIL 2002



VI

Detailed drawings, representative samples of the test specimen, 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. Heas
Technician

MAH:nib
01-41134.01



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



TAMKO

ROOFING PRODUCTS

(CONTINUED from Pg. 2)

- Glass-Seal
- Glass-Seal AR

- Elite Glass-Seal®
- Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a 3.25 piece and applied to shingles with a 5 in. exposure, use 6 fasteners per shingle. See Section 3 for the Mansard Fastening Pattern.

8. RE-ROOFING

Before re-roofing, be certain to inspect the roof decks. All plywood shall meet the requirements listed in Section 1.

Nail down or remove curled or broken shingles from the existing roof. Replace all missing shingles with new ones to provide a smooth base. Shingles that are buckled usually indicate warped decking or protruding nails. Hammer down all protruding nails or remove them and re-fasten in a new location. Remove all drip edge metal and replace with new.

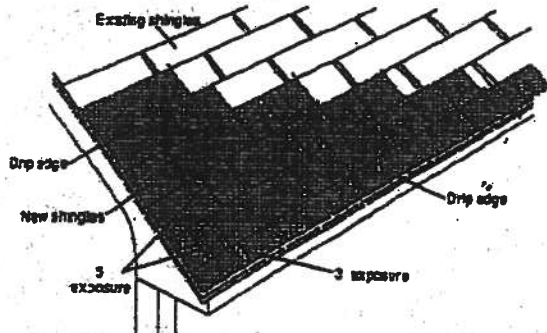
If re-roofing over an existing roof where new flashing is required to protect against ice dams (freeze/thaw cycle of water and/or the backup of water in frozen or clogged gutters), remove the old roofing to a point at least 24 in. beyond the interior wall line and apply TAMKO's Moisture Guard Plus® waterproofing underlayment. Contact TAMKO's Technical Services Department for more information.

The nesting procedure described below is the preferred method for re-roofing over square tab strip shingles with a 5 in. exposure.

Starter Course: Begin by using TAMKO Shingle Starter or by cutting shingles into 5 x 36 inch strips. This is done by removing the 5 in. tabs from the bottom and approximately 2 in. from the top of the shingles so that the remaining portion is the same width as the exposure of the old shingles. Apply the starter piece so that the self-sealing adhesive lies along the eaves and is even with the existing roof. The starter strip should be wide enough to overhang the eaves and carry water into the gutter. Remove 3 in. from the length of the first starter shingle to ensure that the joints from the old roof do not align with the new.

First Course: Cut off approximately 2 in. from the bottom edge of the shingles so that the shingles fit beneath the existing third course and align with the edge of the starter strip. Start the first course with a full 36 in. long shingle and fasten according to the instructions printed in Section 3.

Second and Succeeding Courses: According to the off-set application method you choose to use, remove the appropriate length from the



rake end of the first shingle in each succeeding course. Place the top edge of the new shingle against the butt edge of the old shingles in the courses above. The full width shingle used on the second course will reduce the exposure of the first course to 3 in. The remaining courses will automatically have a 5 in. exposure.

9. VALLEY APPLICATION

Over the shingle underlayment, center a 36 in. wide sheet of TAMKO Nail-Fast® or a minimum 50 lb. roll roofing in the valley. Nail the felt only where necessary to hold it in place and then only nail the outside edges.

IMPORTANT: PRIOR TO INSTALLATION WARM SHINGLES TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLES TO FORM VALLEY.

- Apply the first course of shingles along the eaves of one of the intersecting roof planes and across the valley.

Note: For proper flow of water over the trimmed shingle, always start applying the shingles on the roof plane that has the lower slope or less height.

- Extend the end shingle at least 12 in. onto the adjoining roof. Apply succeeding courses in the same manner, extending them across the valley and onto the adjoining roof.
- Do not trim if the shingle length exceeds 12 in. Lengths should vary.
- Press the shingles tightly into the valley.
- Use normal shingle fastening methods.

Note: No fastener should be within 6 in. of the valley centerline, and two fasteners should be placed at the end of each shingle crossing the valley.

- To the adjoining roof plane, apply one row of shingles extending it over previously applied shingles and trim a minimum of 2 in. back from the centerline of the valley.

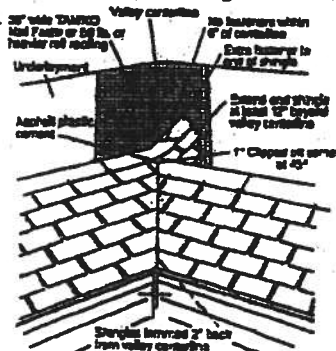
Note: For a neater installation, snap a chalkline over the shingles for guidance.

- Clip the upper corner of each shingle at a 45-degree angle and embed the end of the shingle in a 3 in. wide strip of asphalt plastic cement. This will prevent water from penetrating between the courses by directing it into the valley.

CAUTION:
Adhesive must be applied in smooth, thin, even layers.

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.



(Continued)

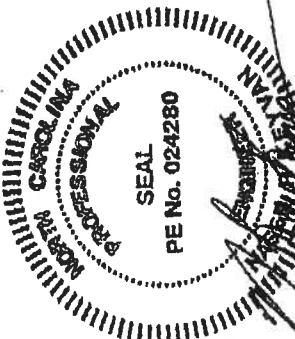
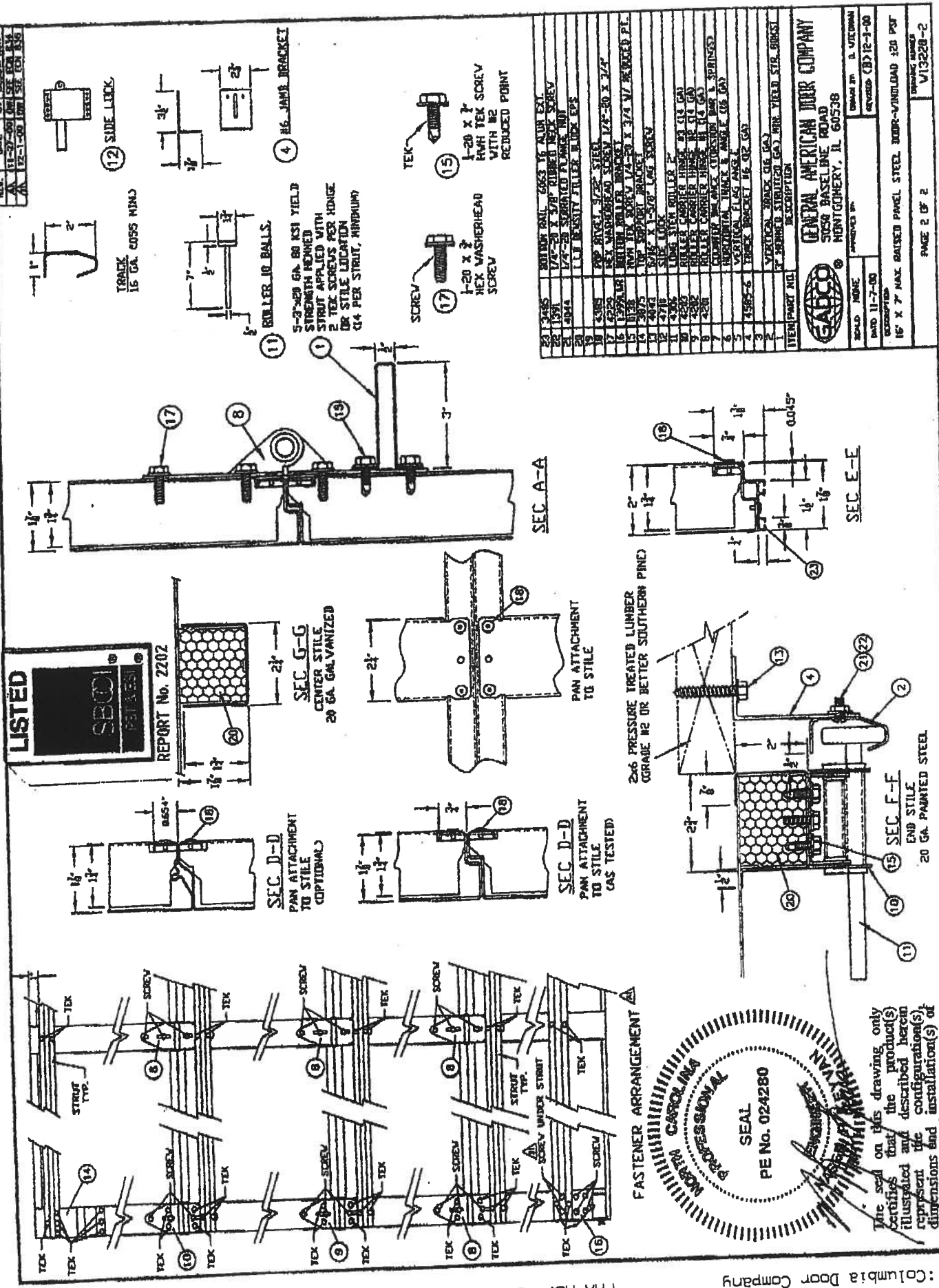
Visit Our Web Site at
www.tamko.com

Central District
Northeast District
Southeast District
Southwest District
Western District

220 West 4th St., Joplin, MO 64801
4500 Tamko Dr., Frederick, MD 21701
2300 35th St., Tuscaloosa, AL 35401
7910 S. Central Exp., Dallas, TX 75216
5300 East 43rd Ave., Denver, CO 80216

800-841-4691
800-368-2055
800-228-2656
800-443-1834
800-530-8868

07/01



The seal on this drawing only certifies that the product(s) illustrated and described herein represent the configuration(s) of the door as tested.

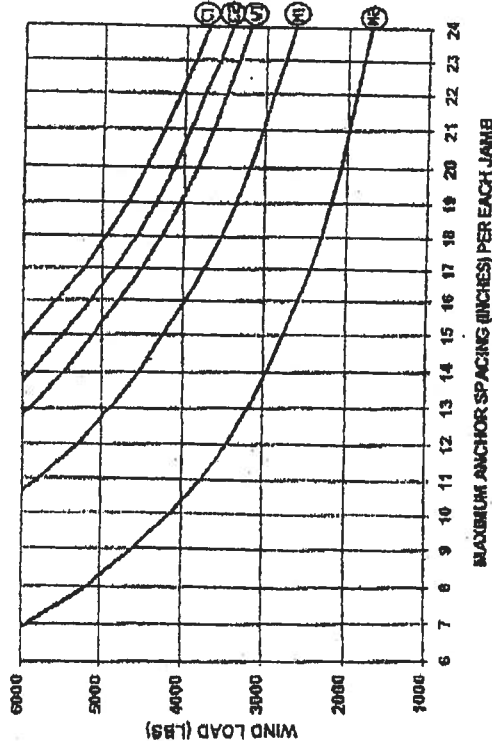
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2x6 PRESSURE TREATED (GRADE #2 OR BETTER SOUTHERN PINE) WOOD 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" PESTS.
- 2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION" SSTB 10, CURRENT EDITION.
- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- 4) WOOD FRAME BUILDINGS: 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 (#2 GRADE OR BETTER) WALL STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.
- 5) REINFORCED CMU OR CONCRETE: 2x6 WOOD 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 2500 PSI. GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 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 3-3/4".
- 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 WIND LOAD 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 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2x6 WOOD JAMB ANCHORS, AND AN ADDITIONAL 2x6 WOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.

WIND LOAD VS ANCHOR SPACING



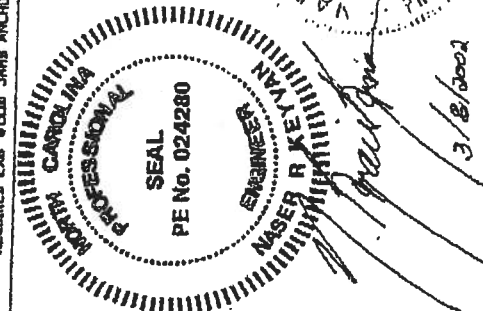
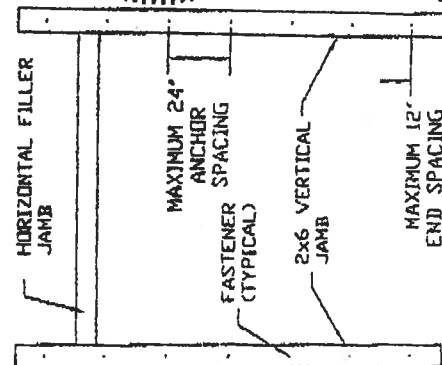
DESIGN (LBS) X GARAGE DOOR AREA (WIDTH-FT X HEIGHT-FT) = WIND LOAD (LBS)

EXAMPLE

30 LBS/FT² X 16 FT WIDE X 8 FT HIGH = 3840 LBS

- ① USE 22" SPACING
- ② USE 21" SPACING
- ③ USE 19" SPACING

SEE NOTE 11 FOR ADDITIONAL REQUIRED 2x6 WOOD JAMB ANCHORS

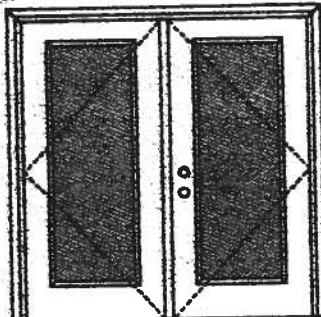


3/8/2002

		GENERAL AMERICAN DOOR COMPANY 5000 BASELINE ROAD MONTGOMERY, IL 60538	
DRAFT NO. 0000 DATE: 8-30-99 REVISION:	APPROVED BY: REVIEW:	DRAWN BY: DV	CHECKED BY:
PROJECT: JAMB TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS		MASTER DRAWING NUMBER: A10560	

XX**Glazed Outswing Unit**

COP-WL-JH1162-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:**

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door
Maximum unit size - 6'0" x 6'8"

Design Pressure
+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistance requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0002-02.

APPROVED DOOR STYLES:**1/4 GLASS:**

101 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:

105 Series*



106, 160 Series*



129 Series*



200 Series*



12 RL, 23 RL, 24 RL Series*



107 Series*



108 Series



304 Series

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

Johnson
EntrySystems

March 29, 2002
Our continuing program of product improvement meets specifications, design and product detail subject to change without notice.

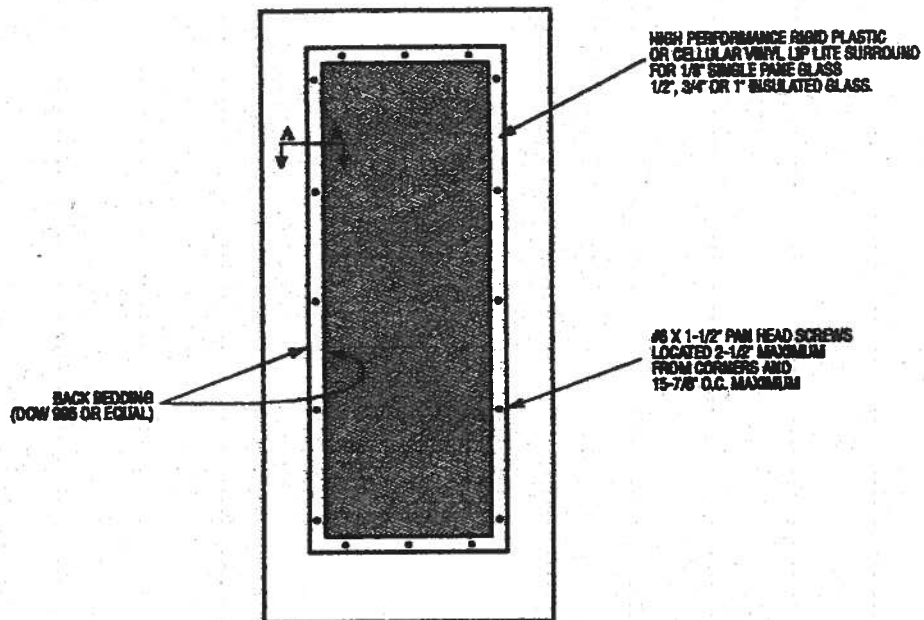


Exclusively from

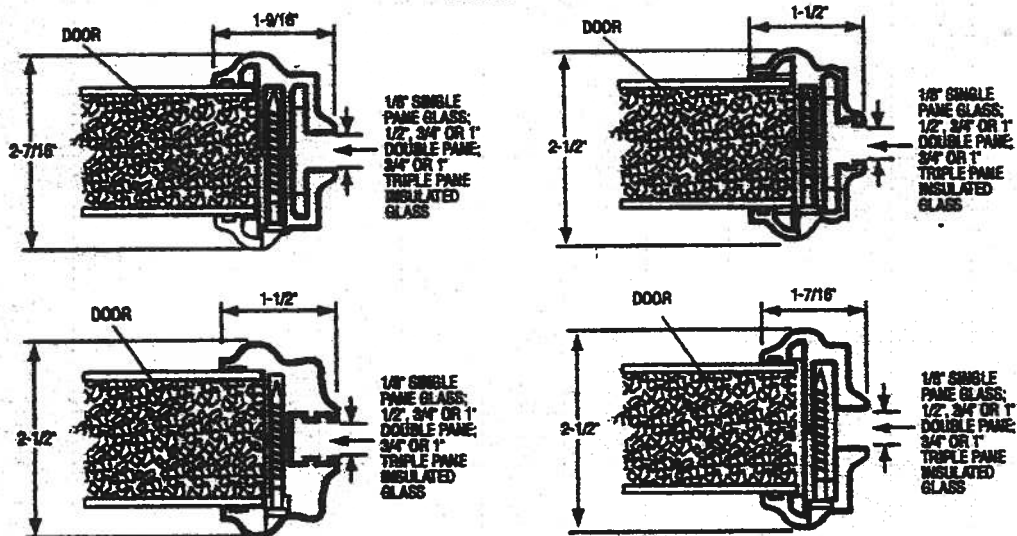
Masonite
Masonite International Corporation

MAD-VL-MAG041-02

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



March 29, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMIOR Collection
Premium Quality Doors



Exclusively from

Masonite
Masonite International Corporation

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



418 Series



450 Series

FULL GLASS:



100 Series



114, 120, 122
Series



182 Series



140 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1884-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails 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 lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L Balth

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 66533

Johnson
EntrySystems

March 29, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from

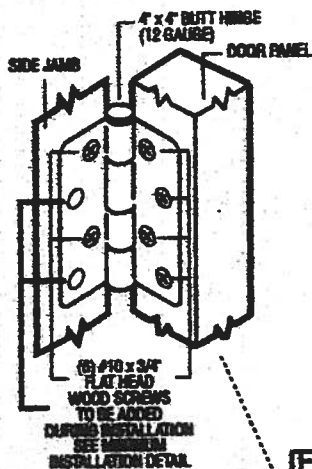
Masonite
Masonite International Corporation

XX
Unit

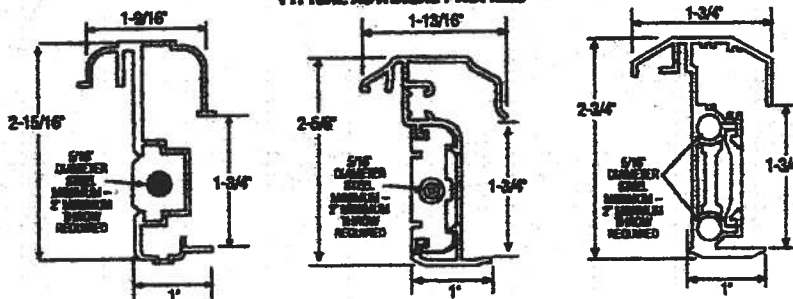
UAD-WL-WA0010-02

OUTSWING UNITS WITH DOUBLE DOOR

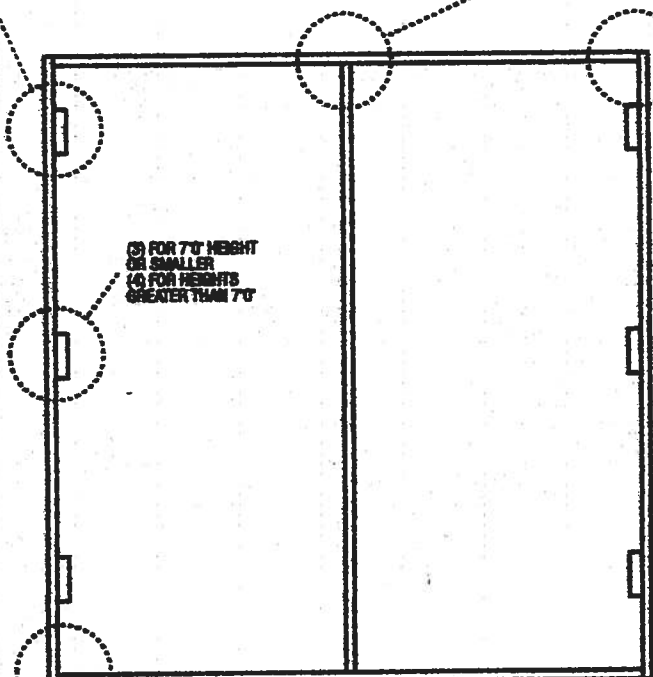
TYPICAL HINGE ATTACHMENT



TYPICAL ASTRAGAL PROFILES

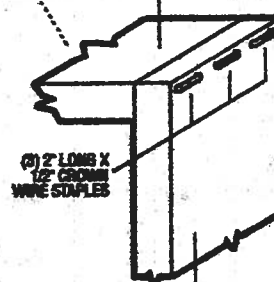


ALUMINUM EXTRUDED ASTRAGAL (0.08" MINIMUM WALL THICKNESS) WITH ADDED REINFORCEMENT INSERTS AT TOP EXTENSION BOLT, BOTTOM EXTENSION BOLT AND CYLINDRICAL DEADBOLT LATCHING LOCATIONS. ATTACH WITH #8 X 1" PAN HEAD SCREWS - LOCATE 1" FROM EACH END MINIMUM AND 22" O.C. MAXIMUM.



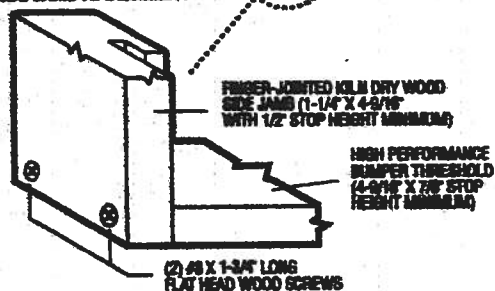
TYPICAL HEADER & SIDE JAMB ATTACHMENT

FINGER-JOINTED KILN DRY WOOD FRAME HEADER (1-1/4" X 4-9/16" WITH 1/2" STOP HEIGHT MINIMUM)



FINGER-JOINTED KILN DRY WOOD SIDE JAMB (1-1/4" X 4-9/16" WITH 1/2" STOP HEIGHT MINIMUM)

TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



March 29, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



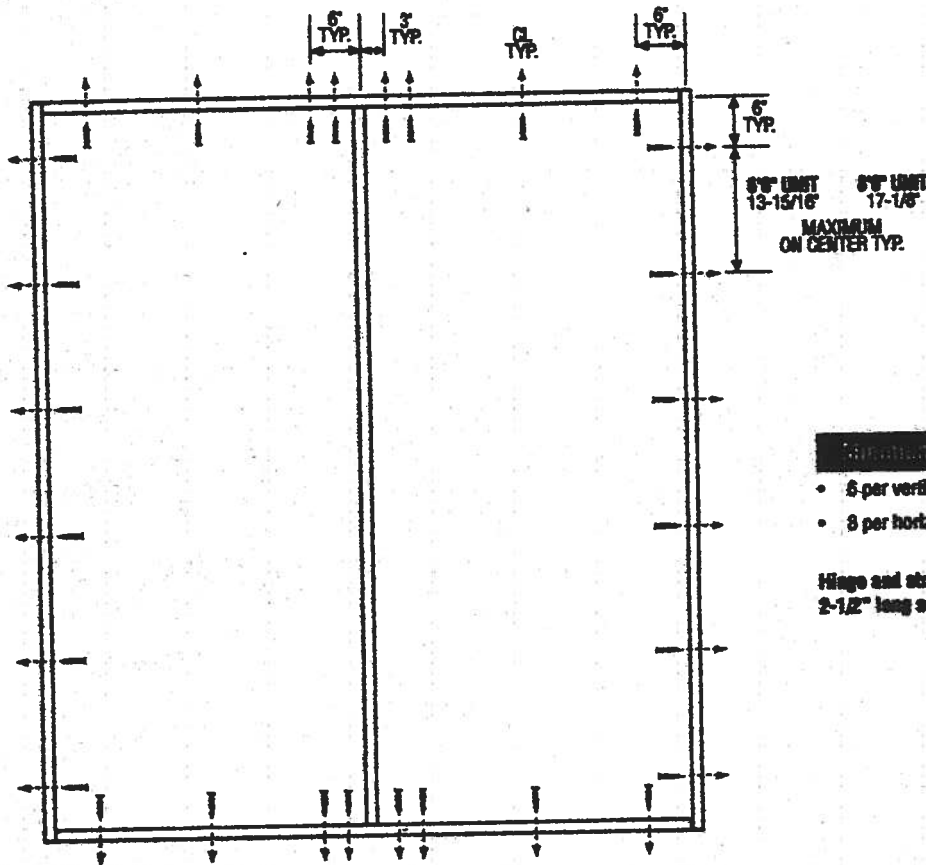
Exclusively from

Masonite
Masonite International Corporation

XX
Unit

MD-WL-MACH2-02

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 3 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Latching Hardware:

- Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #6 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 29, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMIER Collection
Premium Quality Doors



Exclusively from

Masonite
Masonite International Corporation



FEB - 4 REC'D

January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

All testing was performed by Florida State certified independent labs.

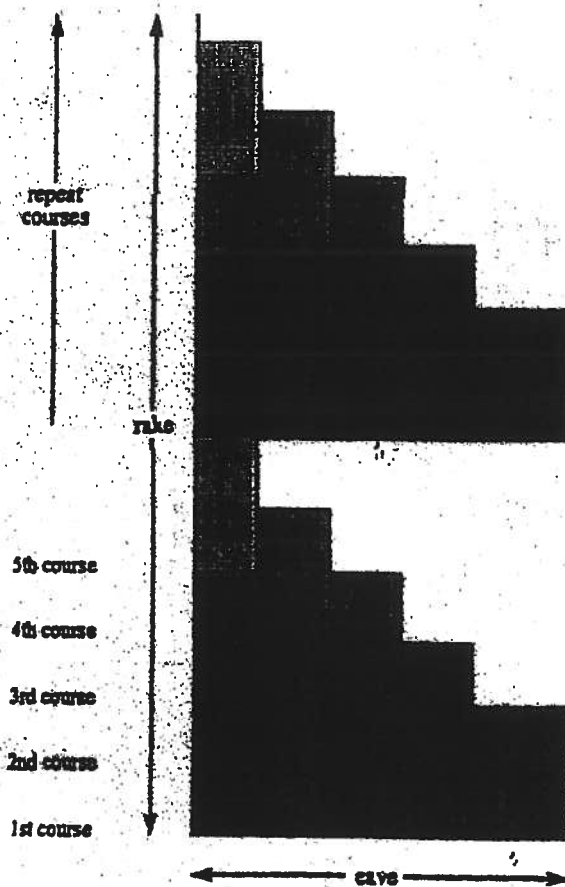
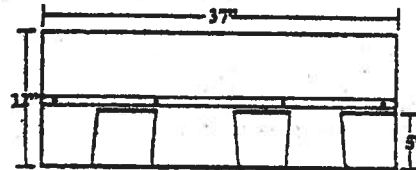
Please direct all questions to TAMKO's Technical Services Department at 1-800-641-4691.

TAMKO Roofing Products, Inc.



Application Instructions For Heritage® 25 Series Shingles

SPECIFICATIONS (APPROX.)	
Length	37"
Width	12"
Bundles per Sq.	3
Shingles per Sq.	78
Shingles per Bundle	26
Coverage per Sq. (Sq. Ft.)	100
Exposure	5"



The 4 cuts in the first 10 courses:



In the first 10 courses, there are 4 cuts and no waste.

When you reach the other side of the roof, whatever has to be trimmed off can be used in the field of roofing.

For additional application information consult the application instructions printed on the product package.

NOTE: These application instructions apply only to Heritage 25 and Heritage 25 AR shingles.



Application Instructions for

- Glass-Seal
 - Elite Glass-Seal®
 - Glass-Seal AR
 - Elite Glass-Seal® AR
- THREE-TAB ASPHALT SHINGLES**

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO ROOFING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS. THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER. IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

1. ROOF DECK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and ridges.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thick, and applied in accordance with the recommendations of the American Plywood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongue-and-groove boards and not over 5 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

1. Vapor Condensation
2. Buckling of shingles due to deck movement.
3. Rotting of wood members.
4. Premature failure of roof.

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents.

FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION.

3. FASTENING

NAILS: TAMKO recommends the use of nails as the preferred method of application.

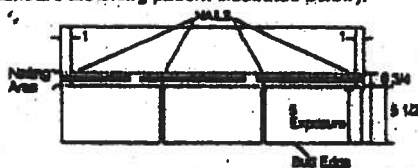
WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These

conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

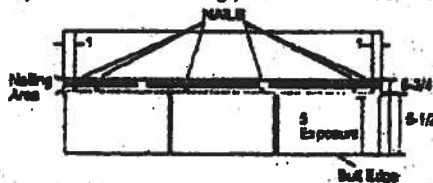
Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, TAMKO will not be responsible for any shingles blown off or displaced. TAMKO will not be responsible for damage to shingles caused by winds or gusts exceeding gale force. Gale force shall be the standard as defined by the U.S. Weather Bureau.

FASTENING PATTERNS: Fasteners must be placed above or below the factory applied sealant in an area between 5-1/2" and 6-3/4" from the butt edge of the shingle. Fasteners should be located horizontally according to the diagram below. Do not nail into the sealant. TAMKO recommends nailing below the sealant whenever possible for greater wind resistance.

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1 in. back from each end and one 12 in. back from each end of the shingle for a total of 4 fasteners. (See standard fastening pattern illustrated below).



2) Mansard or High Wind Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) One fastener 1 in. back from each end and one fastener 10-1/2 in. back from each end and one fastener 13-1/2 in. back from each end for a total of 6 fasteners per shingle. (See Mansard fastening pattern illustrated below.)



NAILS: TAMKO recommends the use of nails as the preferred method of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12-gauge wire, and a minimum head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in.

(Continued)

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Southeast District	2300 35th St., Tuscaloosa, AL 35401	800-228-2858
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Western District	5300 East 43rd Ave., Denver, CO 80216	800-530-8868

07/01

TAMKO

ROOFING PRODUCTS

(CONTINUED FROM Pg. 2)

- Glass-Seal
- Glass-Seal AR

- Elite Glass-Seal®
- Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a 3.25 piece and applied to shingles with a 6 in. exposure, use 6 fasteners per shingle. See Section 3 for the Mansard Fastening Pattern.

E. RE-ROOFING

Before re-roofing, be certain to inspect the roof decks. All plywood shall meet the requirements listed in Section 1.

Nail down or remove curled or broken shingles from the existing roof. Replace all missing shingles with new ones to provide a smooth base. Shingles that are buckled usually indicate warped decking or protruding nails. Hammer down all protruding nails or remove them and re-install in a new location. Remove all drip edge metal and replace with new.

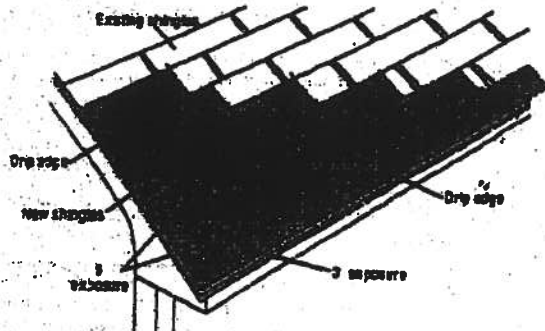
If re-roofing over an existing roof where new flashing is required to protect against ice dams (freeze/thaw cycle of water and/or the backup of water in frozen or clogged gutters), remove the old roofing to a point at least 24 in. beyond the interior wall line and apply TAMKO's Moisture Guard Plus® waterproofing underlayment. Contact TAMKO's Technical Services Department for more information.

The nailing procedure described below is the preferred method for re-roofing over square tab strip shingles with a 6 in. exposure.

Starter Course: Begin by using TAMKO Shingle Starter or by cutting shingles into 5 x 36 inch strips. This is done by removing the 5 in. tabs from the bottom and approximately 2 in. from the top of the shingles so that the remaining portion is the same width as the exposure of the old shingles. Apply the starter piece so that the self-sealing adhesive lies along the eaves and is even with the existing roof. The starter strip should be wide enough to overhang the eaves and carry water into the gutter. Remove 3 in. from the length of the first starter-shingle to ensure that the joints from the old roof do not align with the new.

First Course: Cut off approximately 2 in. from the bottom edge of the shingles so that the shingles fit beneath the existing third course and align with the edge of the starter strip. Start the first course with a full 36 in. long shingle and fasten according to the instructions printed in Section 3.

Second and Successive Courses: According to the off-set application method you choose to use, remove the appropriate length from the



take end of the first shingle in each succeeding course. Place the top edge of the new shingle against the butt edge of the old shingles in the courses above. The full width shingles used on the second course will reduce the exposure of the first course to 3 in. The remaining courses will automatically have a 5 in. exposure.

F. VALLEY APPLICATION

Over the shingle underlayment, center a 36 in. wide sheet of TAMKO Nail-Fast® or a minimum 50 lb. roll roofing in the valley. Nail the felt only where necessary to hold it in place and then only nail the outside edges.

IMPORTANT: PRIOR TO INSTALLATION WARM SHINGLES TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLES TO FORM VALLEY.

- Apply the first course of shingles along the eaves of one of the intersecting roof planes and across the valley.

Note: For proper flow of water over the trimmed shingle, always start applying the shingles on the roof plane that has the lower slope or less height.

- Extend the end shingle at least 12 in. onto the adjoining roof. Apply succeeding courses in the same manner, extending them across the valley and onto the adjoining roof.
- Do not trim if the shingle length exceeds 12 in. Lengths should vary.
- Press the shingles tightly into the valley.
- Use normal shingle fastening methods.

Note: No fastener should be within 6 in. of the valley centerline, and two fasteners should be placed at the end of each shingle crossing the valley.

- To the adjoining roof plane, apply one row of shingles extending it over previously applied shingles and trim a minimum of 2 in. back from the centerline of the valley.

Note: For a neater installation, snap a chalkline over the shingles for guidance.

- Clip the upper corner of each shingle at a 45-degree angle and embed the end of the shingle in a 3 in. wide strip of asphalt plastic cement. This will prevent water from penetrating between the courses by directing it into the valley.

- **CAUTION:** Adhesive must be applied in smooth, thin, even layers.

Excessive use of adhesive will cause blistering in this product.

TAMKO assumes no responsibility for blistering.



(Continued)

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07/01



(CONTINUED from Pg. 3)

- Glass-Seal
- Glass-Seal AR

- Elite Glass-Seal®
- Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

FOR ALTERNATE VALLEY APPLICATION METHODS, PLEASE CONTACT TAMKO'S TECHNICAL SERVICES DEPARTMENT.

19. HIP AND RIDGE FASTENING DETAIL

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener 5-1/2 in. back from the exposed end and 1 in. up from the edge. Do not nail directly into the sealant.

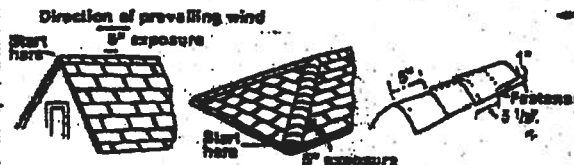
TAMKO recommends the use of TAMKO Hip & Ridge shingle products. Where matching colors are available, it is acceptable to use TAMKO's Glass-Seal or Elite Glass-Seal shingles cut down to 12 in. pieces.

NOTE: AR type shingle products should be used as Hip & Ridge on Glass-Seal AR and Elite Glass-Seal AR shingles.

Fasteners should be 1/4 in. longer than the one used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHEN ENDING SHINGLES IN COOL WEATHER.

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO ROOFING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.



THIS PRODUCT IS COVERED BY A LIMITED WARRANTY. THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IMPORTANT - READ CAREFULLY BEFORE OPENING BUNDLE

In this paragraph "You" and "Your" refer to the installer of the shingles and the owner of the building on which these shingles will be installed. This is a legally binding agreement between You and TAMKO Roofing Products, Inc. ("TAMKO"). By opening this bundle You agree: (a) to install the shingles strictly in accordance with the instructions printed on this wrapper; or (b) that shingles which are not installed strictly in accordance with the instructions printed on this wrapper are sold "AS IS" and are not covered by the limited warranty that is also printed on this wrapper, or any other warranty, including, but not limited to (except where prohibited by law) implied warranties of MERCHANTABILITY and FITNESS FOR USE.

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07/01



FLORIDA BUILDING CODE

- Overview
- User Registration
- User Application
- Organization Search
- Organization Activation

Select the organization type, status, or name to find an organization

Organization Type: Product Manufacturer

Approval Status: (ALL)

Organization Name: General American Door - Product Manufacturer

Cancel

Search

Result List for Organizations

Displaying 1-1 of 1

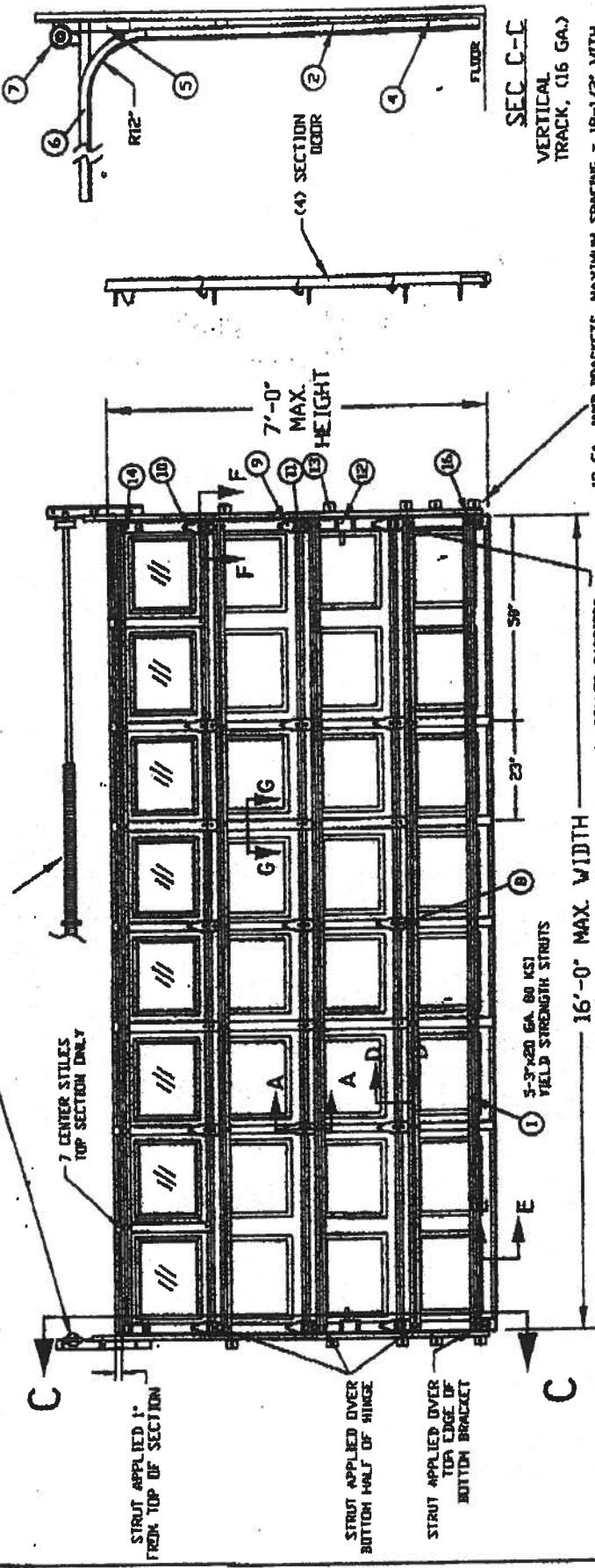
Name	City	Contact	Phone	Type	Expire	Status
General American Door	Montgomery	James Campbell	630-593-0000	Product Manufacturer	01/01/2009	Approved
Org Code: FIM	System ID: 3585	Site Link: www.gadco.com				

Displaying 1-1 of 1

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- NOTES:**
1. TESTED TO POSITIVE AND NEGATIVE 20 PSF DESIGN AND POSITIVE AND NEGATIVE 30 PSF TEST PRESSURES PER ASTM E-539
 2. MAXIMUM SECTION HEIGHT= 21'
 3. SECTION HEIGHTS OF 21.0' AND 19.5' ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACHIEVE VARIOUS RISE HEIGHTS.
 4. VARIOUS MAY BE INSTALLED IN THE TOP SECTION. (AS TESTED WITH 1/4" BEB GLASS OR EQUIVALENT) OR IN THE SECTION IMMEDIATELY BELOW THE TOP SECTION.
 5. MAXIMUM LENGTH OF ROLLER STRUT BE 3/4" (7' AS TESTED)
 6. THE STRUT PLACEMENT ON DOOR MUST BE CONSISTENT WITH THE DOOR SHOW.
 7. STRUTS SECURED AT ALL LOCATIONS WITH TEK SCREWS.
 8. QUANTITY OF SIDE LOOPS MAY BE 0, 1, OR 2 AS TESTED.
 9. DROP IN TYPE OF INSULATION IS OPTIONAL.

NOT PART OF WIND LOAD SYSTEM
EXTENSION SPRING COUNTERBALANCE
TORSION SPRING COUNTERBALANCE



INSIDE ELEVATION



The seal on this drawing only certifies that the product(s) illustrated and described herein represent the configuration(s), dimensions and installation(s) of the door as tested.

TEST REPORTS ON FILE VIDEO 10/19/08 0802933

DESIGN LOAD +20.0 PSF & -20.0 PSF
TEST LOAD +30.0 PSF & -30.0 PSF

GENERAL AMERICAN DOOR COMPANY 5050 BASELINE ROAD MONTGOMERY, IL 60538		APPROVED BY: [Signature] DATE: 11-10-80 REVISED: (A) 11-10-80
DOOR SIZE: 16' x 7' DOOR TYPE: RAISED PANEL STEEL DOOR WINDLOAD: 420 PSF	STRUTS: 5 VERTICAL TRACK: 2 IN	PAGE 1 OF 2 PROJECT NUMBER: V13220-1




 The seal is circular with a serrated outer edge. Inside the circle, the words "NORTH CAROLINA" are written along the top arc and "PROFESSIONAL" along the bottom arc. In the center, the word "SEAL" is written above the text "PE No. 024280".

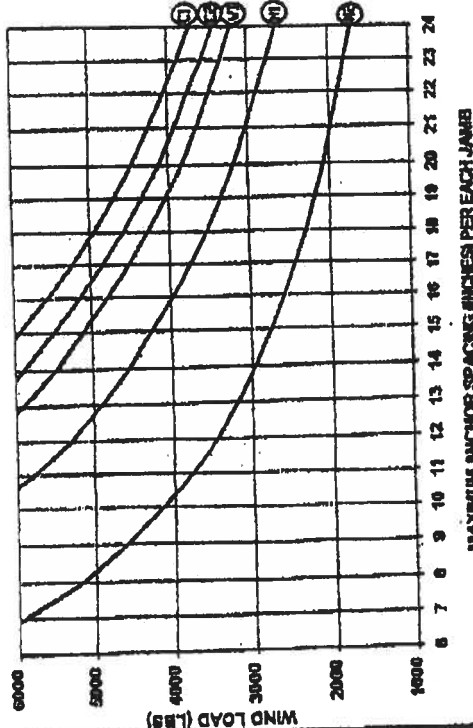
The seal on this drawing only certifies that the product(s) illustrated and described herein represent the configuration(s), dimensions and installation(s) of the door as tested.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2x6 PRESSURE TREATED GRADE #2 OR BETTER SOUTHERN PINE WOOD 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 SPECI "STANDARD 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 BUILDINGS 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 (S2 GRADE OR BETTER) WALL STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.
- 5) REINFORCED CMU OR CONCRETE 2x6 WOOD 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 2500 PSI. GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 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 3-3/4".
- 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 WIND LOAD 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 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2x6 WOOD JAMB ANCHORS, ADD AN ADDITIONAL 2x6 WOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.

WIND LOAD VS ANCHOR SPACING

DESIGN (LBS) X GARAGE DOOR AREA (WIDTH-FT X HEIGHT-FT) = WIND LOAD (LBS)
LOAD

MAXIMUM ANCHOR SPACING (INCHES) PER EACH JAMB

EXAMPLE

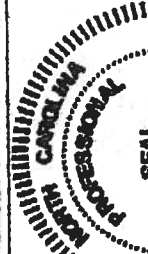
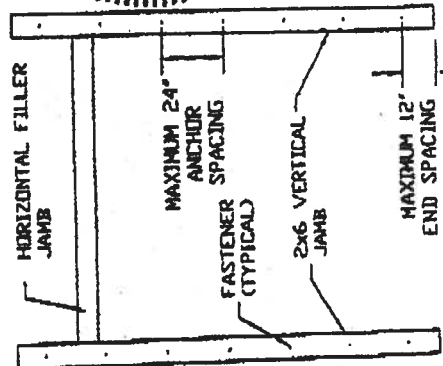
30 LBS / FT² X 16 FT WIDE X 8 FT HIGH = 3840 LBS

① USE 22" SPACING

② USE 21" SPACING

③ USE 19" SPACING

SEE NOTE #1 FOR ADDITIONAL
REQUIRED 2x6 WOOD JAMB ANCHORS



3/8/2002

GENERAL AMERICAN DOOR COMPANY	
5000 BASELINE ROAD MONTGOMERY, IL 60538	
SALE PRICE	QUANTITY
DATE 8-30-99	REVISION
DRAWN BY: DV	
CHECKED BY: [Signature]	
APPROVED BY: [Signature]	
FOR STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS	

Residential System Sizing Calculation

Summary

Aaron Simque Homes

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

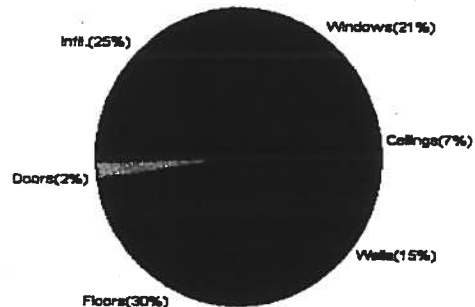
8/7/2006

Location for weather data: Gainesville - User customized: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (79F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	99 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	24 F
Total heating load calculation	25497 Btuh	Total cooling load calculation	30339 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	117.7 30000	Sensible (SHR = 0.75)	93.5 22500
Heat Pump + Auxiliary(0.0kW)	117.7 30000	Latent	119.7 7500
		Total (Electric Heat Pump)	98.9 30000

WINTER CALCULATIONS

Winter Heating Load (for 1485 sqft)

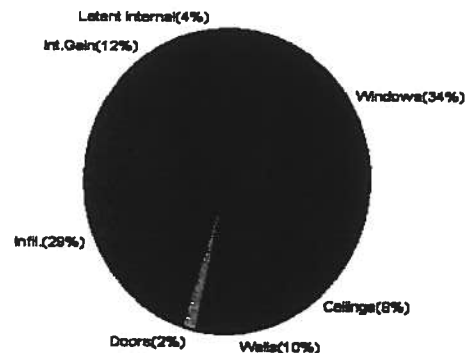
Load component		Load	
Window total	163 sqft	5257	Btuh
Wall total	1198 sqft	3935	Btuh
Door total	39 sqft	499	Btuh
Ceiling total	1485 sqft	1750	Btuh
Floor total	175 sqft	7641	Btuh
Infiltration	158 cfm	6416	Btuh
Duct loss		0	Btuh
Subtotal		25497	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		25497	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1485 sqft)

Load component		Load	
Window total	163 sqft	10250	Btuh
Wall total	1198 sqft	3139	Btuh
Door total	39 sqft	472	Btuh
Ceiling total	1485 sqft	2790	Btuh
Floor total		0	Btuh
Infiltration	139 cfm	3642	Btuh
Internal gain		3780	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		24073	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		5065	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		6265	Btuh
TOTAL HEAT GAIN		30339	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: Jon Morris

DATE: 8-7-06

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Aaron Simque Homes

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (User customized) Winter Temperature Difference: 37.0 F

8/7/2006

Residential Load - Whole House					
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
2	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
3	2, Clear, Metal, 0.87	W	4.0	32.2	129 Btuh
4	2, Clear, Metal, 0.87	E	13.3	32.2	428 Btuh
5	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
6	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
7	2, Clear, Metal, 0.87	S	4.0	32.2	129 Btuh
8	2, Clear, Metal, 0.87	S	12.0	32.2	386 Btuh
	Window Total		163(sqft)		5257 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1017	3.3	3339 Btuh
2	Frame - Wood - Adj(0.09)	13.0	181	3.3	596 Btuh
	Wall Total		1198		3935 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		19	12.9	240 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		39		499Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1485	1.2	1750 Btuh
	Ceiling Total		1485		1750Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	175.0 ft(p)	43.7	7641 Btuh
	Floor Total		175		7641 Btuh
	Zone Envelope Subtotal:				19081 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	Load
	Natural	0.80	11880	158.4	6416 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				25497 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Aaron Simque Homes

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

8/7/2006



	Subtotal Sensible Ventilation Sensible Total Btuh Loss	25497 Btuh 0 Btuh 25497 Btuh
--	--	------------------------------------

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Aaron Simque Homes

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (User customized) Winter Temperature Difference: 37.0 F

8/7/2006

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
2	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
3	2, Clear, Metal, 0.87	W	4.0	32.2	129 Btuh
4	2, Clear, Metal, 0.87	E	13.3	32.2	428 Btuh
5	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
6	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
7	2, Clear, Metal, 0.87	S	4.0	32.2	129 Btuh
8	2, Clear, Metal, 0.87	S	12.0	32.2	386 Btuh
	Window Total		163(sqft)		5257 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1017	3.3	3339 Btuh
2	Frame - Wood - Adj(0.09)	13.0	181	3.3	596 Btuh
	Wall Total		1198		3935 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		19	12.9	240 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		39		499Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1485	1.2	1750 Btuh
	Ceiling Total		1485		1750Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	175.0 ft(p)	43.7	7641 Btuh
	Floor Total		175		7641 Btuh
	Zone Envelope Subtotal:				19081 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	Load
	Natural	0.80	11880	158.4	6416 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				25497 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Aaron Simque Homes

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

8/7/2006

	Subtotal Sensible Ventilation Sensible Total Btuh Loss	25497 Btuh 0 Btuh 25497 Btuh
--	--	------------------------------------

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Aaron Simque Homes

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (User customized) Summer Temperature Difference: 24.0 F 8/7/2006

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load
	Pr/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, None,N,N	W	13.5f	8ft.	40.0	40.0	0.0	35	86	1402 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	60.0	0.0	60.0	35	86	5136 Btuh
3	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	4.0	0.0	4.0	35	86	342 Btuh
4	2, Clear, 0.87, None,N,N	E	9.5ft	8ft.	13.3	13.1	0.2	35	86	478 Btuh
5	2, Clear, 0.87, None,N,N	E	5.5ft	8ft.	15.0	4.7	10.3	35	86	1047 Btuh
6	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	15.0	0.0	15.0	35	86	1284 Btuh
7	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	4.0	4.0	0.0	35	40	140 Btuh
8	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	12.0	12.0	0.0	35	40	421 Btuh
Window Total					163 (sqft)					10250 Btuh
Walls	Type	R-Value/U-Value		Area(sqft)		HTM		Load		
1	Frame - Wood - Ext	13.0/0.09		1016.7		2.7		2752 Btuh		
2	Frame - Wood - Adj	13.0/0.09		181.4		2.1		386 Btuh		
Wall Total				1198 (sqft)				3139 Btuh		
Doors	Type			Area (sqft)		HTM		Load		
1	Insulated - Adjacent			18.6		12.3		227 Btuh		
2	Insulated - Exterior			20.0		12.3		245 Btuh		
Door Total				39 (sqft)				472 Btuh		
Ceilings	Type/Color/Surface	R-Value		Area(sqft)		HTM		Load		
1	Vented Attic/DarkShingle	30.0		1485.0		1.9		2790 Btuh		
Ceiling Total				1485 (sqft)				2790 Btuh		
Floors	Type	R-Value		Size		HTM		Load		
1	Slab On Grade	0.0		175 (ft(p))		0.0		0 Btuh		
Floor Total				175.0 (sqft)				0 Btuh		
Zone Envelope Subtotal:										16652 Btuh
Infiltration	Type	ACH		Volume(cuft)		CFM=		Load		
	SensibleNatural	0.70		11880		138.6		3642 Btuh		
Internal gain	Occupants		Btuh/occupant		Appliance		Load			
	6		X 230 +		2400		3780 Btuh			
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh
Sensible Zone Load										24073 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Aaron Simque Homes
Lake City, FL 32025-

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

8/7/2006

Whole House Totals for Cooling	Sensible Envelope Load All Zones	24073 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	24073 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	24073 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5065 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	6265 Btuh
	TOTAL GAIN	30339 Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Aaron Simque Homes

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (User customized) Summer Temperature Difference: 24.0 F 8/7/2006

Window	Type*	Omt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	W	13.5f	8ft.	40.0	40.0	0.0	35	86	1402	Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	60.0	0.0	60.0	35	86	5136	Btuh
3	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	4.0	0.0	4.0	35	86	342	Btuh
4	2, Clear, 0.87, None,N,N	E	9.5ft	8ft.	13.3	13.1	0.2	35	86	478	Btuh
5	2, Clear, 0.87, None,N,N	E	5.5ft	8ft.	15.0	4.7	10.3	35	86	1047	Btuh
6	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	15.0	0.0	15.0	35	86	1284	Btuh
7	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	4.0	4.0	0.0	35	40	140	Btuh
8	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	12.0	12.0	0.0	35	40	421	Btuh
Window Total						163 (sqft)			10250 Btuh		
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			1016.7			2.7		2752 Btuh	
2	Frame - Wood - Adj	13.0/0.09			181.4			2.1		386 Btuh	
Wall Total						1198 (sqft)			3139 Btuh		
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Adjacent				18.6			12.3		227 Btuh	
2	Insulated - Exterior				20.0			12.3		245 Btuh	
Door Total						39 (sqft)			472 Btuh		
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle	30.0			1485.0			1.9		2790 Btuh	
Ceiling Total						1485 (sqft)			2790 Btuh		
Floors	Type	R-Value			Size			HTM		Load	
1	Slab On Grade	0.0			175 (ft(p))			0.0		0 Btuh	
Floor Total						175.0 (sqft)			0 Btuh		
Zone Envelope Subtotal:										16652 Btuh	
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load	
	SensibleNatural	0.70			11880			138.6		3642 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	6			X 230 +			2400		3780 Btuh		
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
Sensible Zone Load										24073 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Aaron Simque Homes
Lake City, FL 32025-

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

8/7/2006

Whole House Totals for Cooling	Sensible Envelope Load All Zones	24073 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	24073 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	24073 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5065 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	6265 Btuh
	TOTAL GAIN	30339 Btuh

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



For Florida residences only

Residential Window Diversity

MidSummer

Aaron Simque Homes

Project Title:
Skyline Homes INC.

Code Only
Professional Version
Climate: North

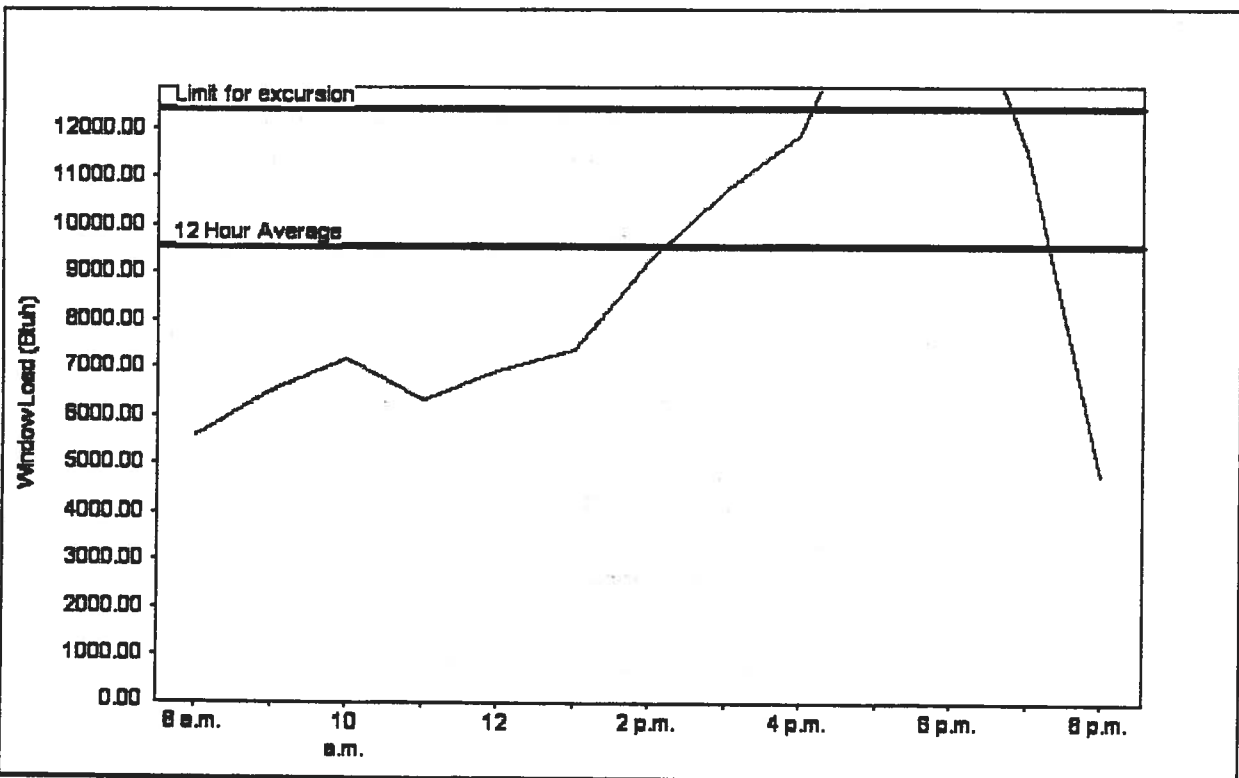
Lake City, FL 32025-

8/7/2006

Use custom data

Summer design temperature	99 F	Average window load for July	9531 Btuh
Summer setpoint	75 F	Peak window load for July	15853 Btuh
Summer temperature difference	24 F	Excursion limit(130% of Ave.)	12391 Btu
Latitude	29 North	Window excursion (July)	3462 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

EnergyGauge® FLRCPB v4.1



Project Information for:		L143613	
Builder:	AORON SIMQUE		Date: 12/28/2005
Lot:	LOT 5 SUWANNEE VALLEY I		Start Number: 1104
Subdivision:	N/A		
County or City:	COLUMBIA		
Truss Page Count:	35		

Truss Design Load Information (UNO)		Design Program: MiTek 5.2 / 6.2	
Gravity	Wind	Building Code: FBC2004	
Roof (psf): 42	Wind Standard: ASCE 7-02		
Floor (psf): 55	Wind Speed (mph): 110		
Note: See individual truss drawings for special loading conditions			

Building Designer, responsible for Structural Engineering: (See attached)			
SIMQUE, AARON D. RB29003130			
Address:	320 SW AINSLEY GLN. LAKE CITY, FL 32025		Designer: 113

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987			
Company: Structural Engineering and Inspections, Inc. EB 9196			
Address: 16105 N. Florida Ave, Ste B, Lutz, FL 33549			
Notes:			
1. Truss Design Engineer is responsible for the individual trusses as components only.			
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TP1			
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.			

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	1228051104	12/28/2005				
2	CJ3	1228051105	12/28/2005				
3	CJ5	1228051106	12/28/2005				
4	EJ5	1228051107	12/28/2005				
5	EJ7	1228051108	12/28/2005				
6	EJ7A	1228051109	12/28/2005				
7	EJ7B	1228051110	12/28/2005				
8	EJ7C	1228051111	12/28/2005				
9	EJ7D	1228051112	12/28/2005				
10	HJ7	1228051113	12/28/2005				
11	HJ9	1228051114	12/28/2005				
12	T01	1228051115	12/28/2005				
13	T02	1228051116	12/28/2005				
14	T03A	1228051117	12/28/2005				
15	T03G	1228051118	12/28/2005				
16	T04	1228051119	12/28/2005				
17	T04A	1228051120	12/28/2005				
18	T04B	1228051121	12/28/2005				
19	T04G	1228051122	12/28/2005				
20	T05	1228051123	12/28/2005				
21	T06	1228051124	12/28/2005				
22	T07	1228051125	12/28/2005				
23	T08	1228051126	12/28/2005				
24	T09	1228051127	12/28/2005				
25	T10	1228051128	12/28/2005				
26	T11	1228051129	12/28/2005				
27	T12	1228051130	12/28/2005				
28	T13	1228051131	12/28/2005				
29	T14	1228051132	12/28/2005				
30	T15	1228051133	12/28/2005				
31	T16	1228051134	12/28/2005				
32	T17	1228051135	12/28/2005				
33	T18	1228051136	12/28/2005				
34	T19	1228051137	12/28/2005				
35	T20	1228051138	12/28/2005				

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Name: **SIMQUE, AARON DAVID (Primary Name)**
AARON SIMQUE HOMES INC (DBA Name)
Main Address: **320 SW AINSLEY GLN.**
LAKE CITY, Florida 32024

License Information

License Type: **Registered Building Contractor**
Rank: **Reg Building**
License Number: **RB29003130**
Status: **Current, Active**
Licensure Date: **10/23/2002**
Expires: **08/31/2005**

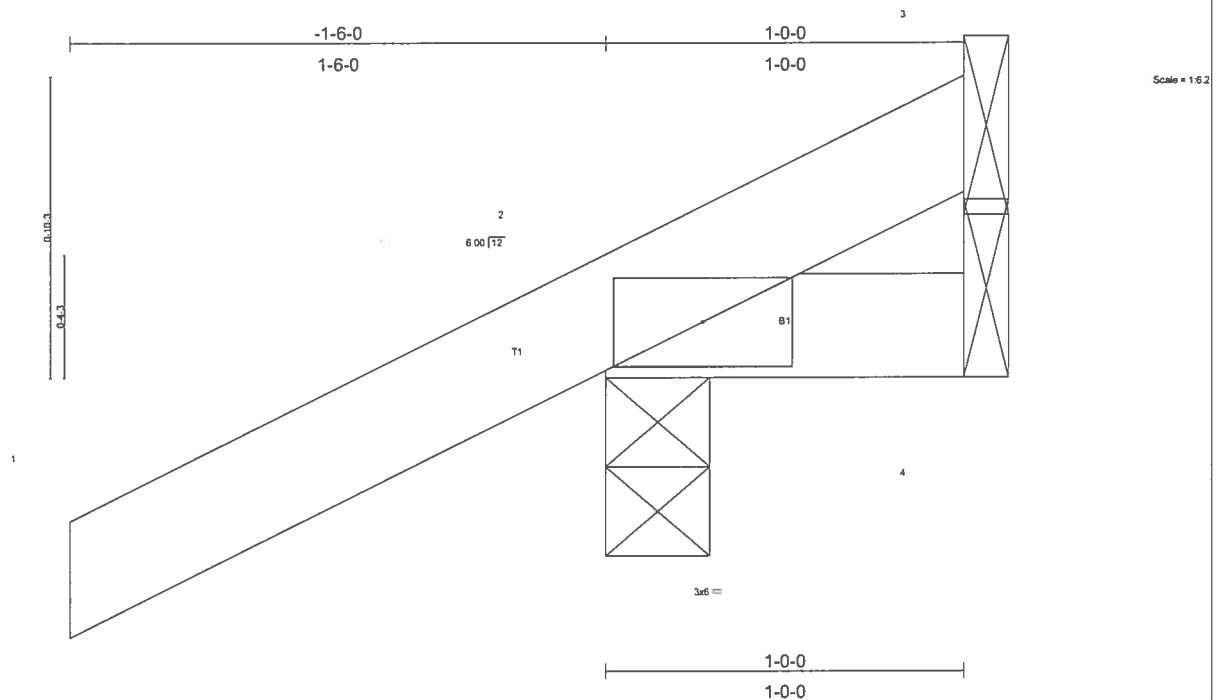
Special Qualifications	Effective Date
Bldg Code Core Course Credit	
Qualified Business License Required	02/20/2004

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Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	CJ1	MONO TRUSS	6	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:30 2005 Page 1



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	L/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.15	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.01	Vert(TL)	-0.00	2	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 6 lb

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=189/0-3-8, 4=14/Mechanical, 3=-40/Mechanical

Max Horz 2=70(load case 5)

Max Uplift 2=-192(load case 5), 4=-9(load case 3), 3=-40(load case 1)

Max Grav 2=189(load case 1), 4=14(load case 1), 3=61(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-45/34

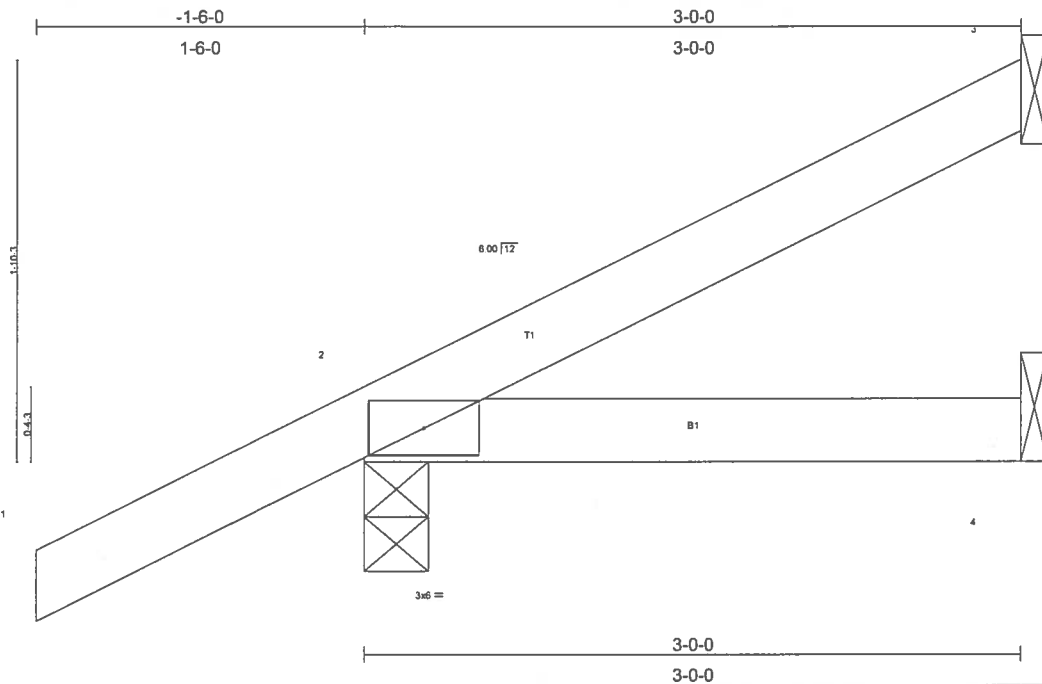
BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 192 lb uplift at joint 2, 9 lb uplift at joint 4 and 40 lb uplift at joint 3.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	CJ3	MONO TRUSS	6	1	
					Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:31 2005 Page 1		



Scale = 1/10.1

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.17	Vert(LL) 0.01 2-4 >999 240	MT20 244/190
TCCL 7.0	Lumber Increase 1.25	BC 0.08	Vert(TL) 0.01 2-4 >999 180	
BCCL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 12 lb

LUMBER

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

BRACING

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

REACTIONS

(lb/size) 3=49/Mechanical, 2=232/0-3-8, 4=42/Mechanical
Max Horz 2=115(load case 5)
Max Uplift 3=-38(load case 5), 2=-186(load case 5), 4=-27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

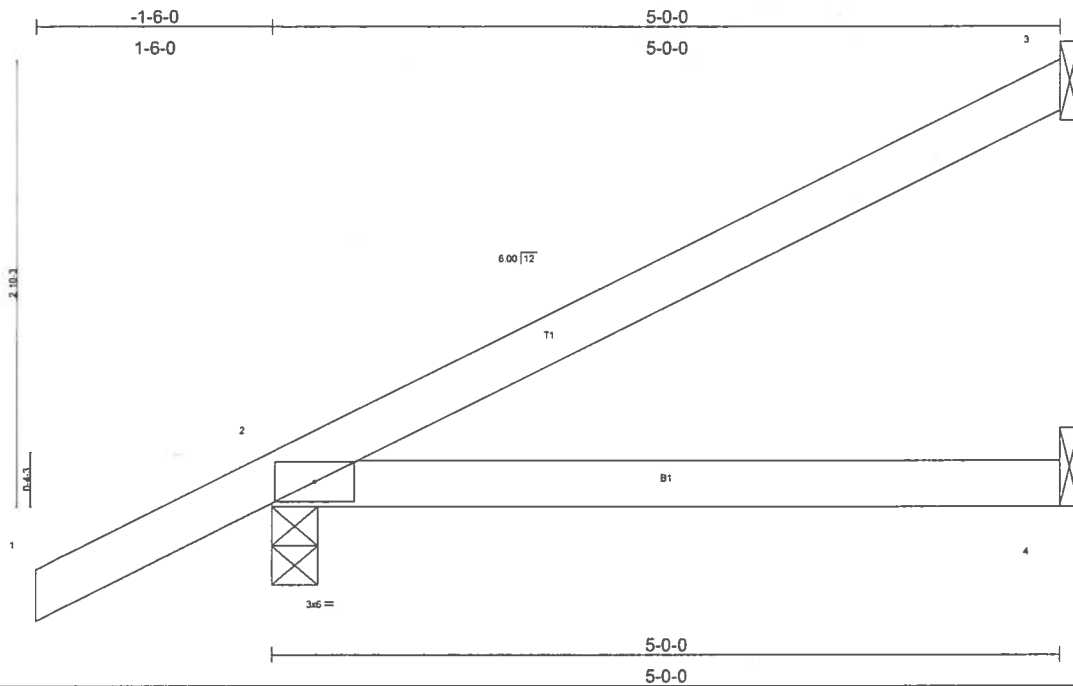
TOP CHORD 1-2=0/35, 2-3=-48/16
BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 3, 186 lb uplift at joint 2 and 27 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L143613	Truss CJ5	Truss Type MONO TRUSS	Qty 2	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:32 2005 Page 1					



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.25	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.16	Vert(TL)	-0.05	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 5-0-0 oc purtins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=114/Mechanical, 2=305/0-3-8, 4=72/Mechanical
Max Horz 2=162(load case 5)
Max Uplift 3=101(load case 5), 2=157(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

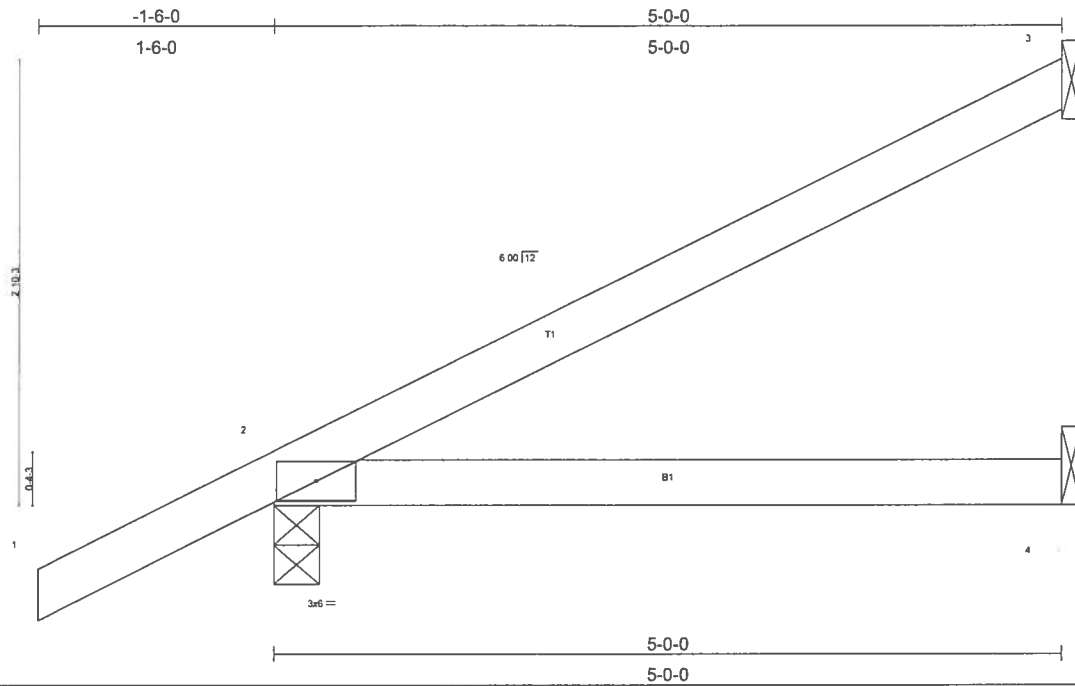
TOP CHORD 1-2=0/35, 2-3=-96/41
BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to glider(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 3 and 157 lb uplift at joint 2.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	EJ5	MONO TRUSS	2	1	Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Dec 27 15:19:32 2005 Page 1		



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

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=114/Mechanical, 2=305/0-3-8, 4=72/Mechanical

Max Horz 2=162(load case 5)

Max Uplift 3=-101(load case 5), 2=-218(load case 5), 4=-46(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-96/41

BOT CHORD 2-4=0/0

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) Refer to girder(s) for truss to truss connections.

3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 3, 218 lb uplift at joint 2 and 46 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	EJ7	MONO TRUSS	23	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6,200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:33 2005 Page 1		

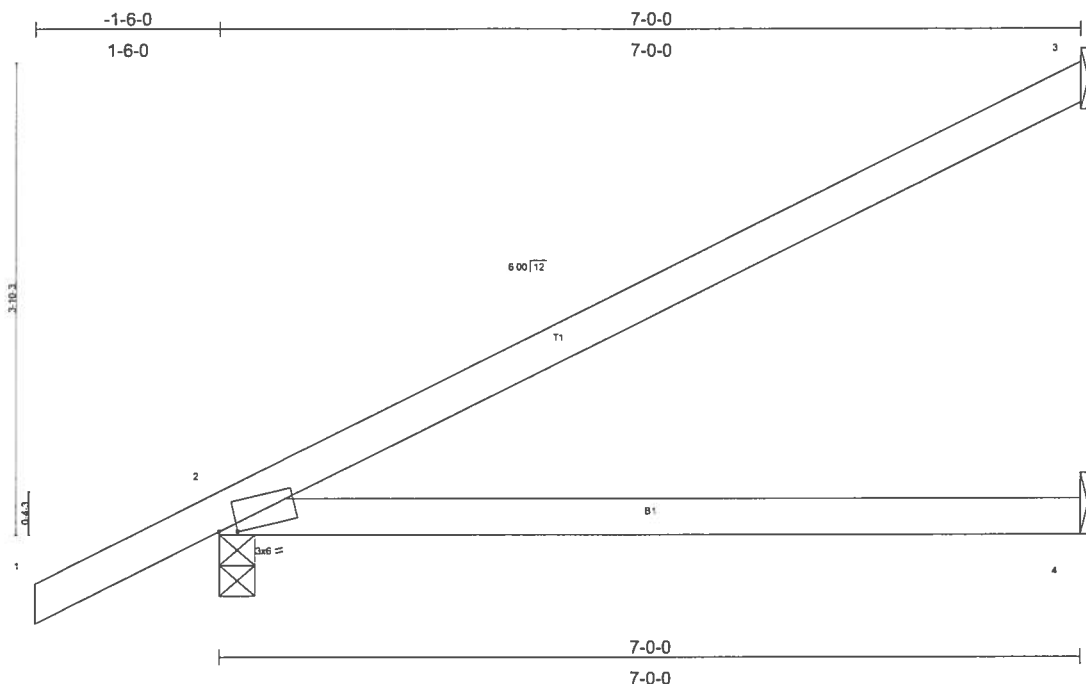


Plate Offsets (X,Y): [2:0-1-12,0-0-7]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.46	Vert(LL) -0.13 2-4 >606 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.37	Vert(TL) -0.22 2-4 >365 180		
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: 25 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=166/Mechanical, 2=385/0-3-8, 4=108/Mechanical
Max Horz 2=208(load case 5)
Max Uplift 3=-139(load case 5), 2=-172(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=-122/59
 BOT CHORD 2-4=0/0

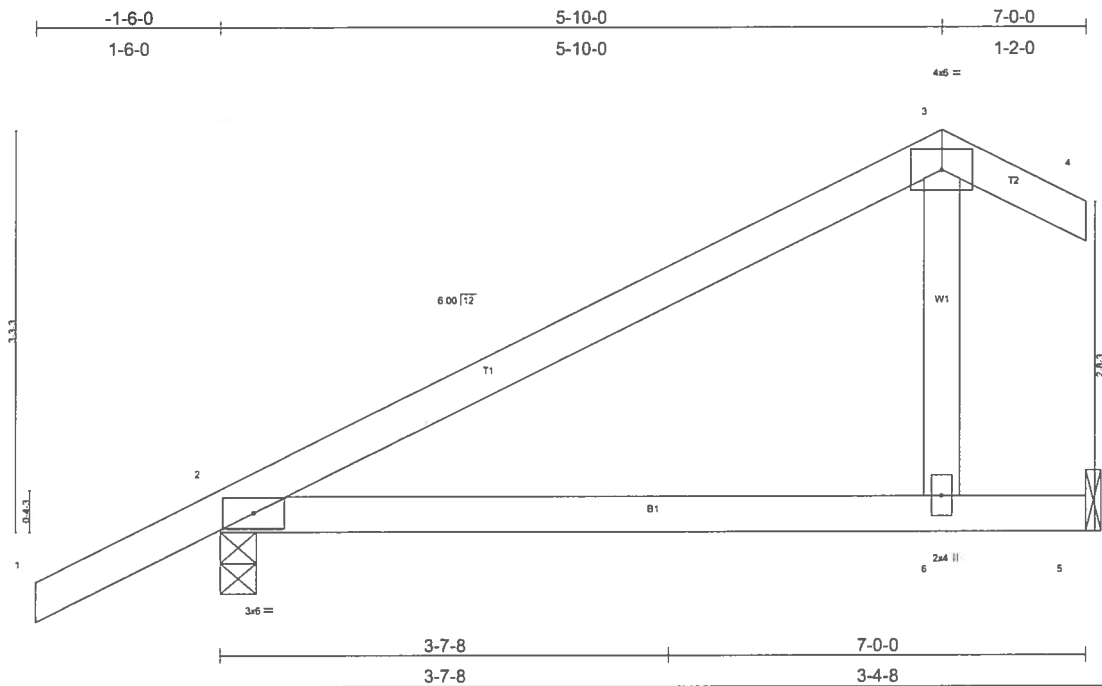
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDF=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 gird DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 139 lb uplift at joint 3 and 172 lb uplift at joint 2.

LOAD CASE(S) Standard

**DECEMBER 28, 2005 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	EJ7A	COMMON	2	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:33 2005 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.35	Vert(LL)	0.20	2-6	>410	240	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.57	Vert(TL)	-0.31	2-6	>260	180		
BCCL 10.0	Lumber Increase 1.25	WB 0.06	Horz(TL)	0.00		n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 29 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 7-0-0 oc purlins.
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) 2=385/0-3-8, 5=278/Mechanical
 Max Horz 2=153(load case 5)
 Max Uplift 2=196(load case 5), 5=119(load case 5)

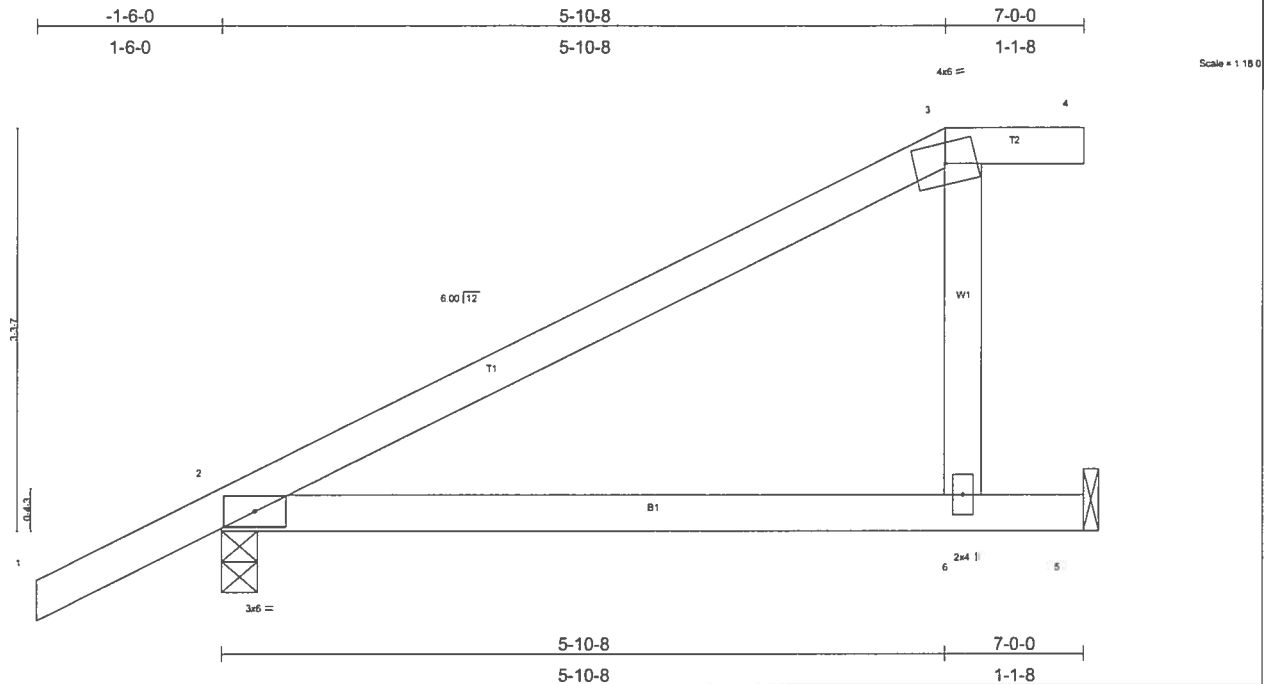
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=-59/58, 3-4=0/28
 BOT CHORD 2-6=0/0, 5-6=0/0
 WEBS 3-6=-220/256

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 196 lb uplift at joint 2 and 119 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	EJ7B	MONO HIP	1	1	
					Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:34 2005 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.35	Vert(LL)	-0.18	2-6	>464	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.51	Vert(TL)	-0.29	2-6	>284	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.06	Horz(TL)	-0.00	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 29 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 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=385/0-3-8, 5=278/Mechanical
 Max Horz 2=184(load case 5)
 Max Uplift 2=184(load case 5), 5=-131(load case 5)

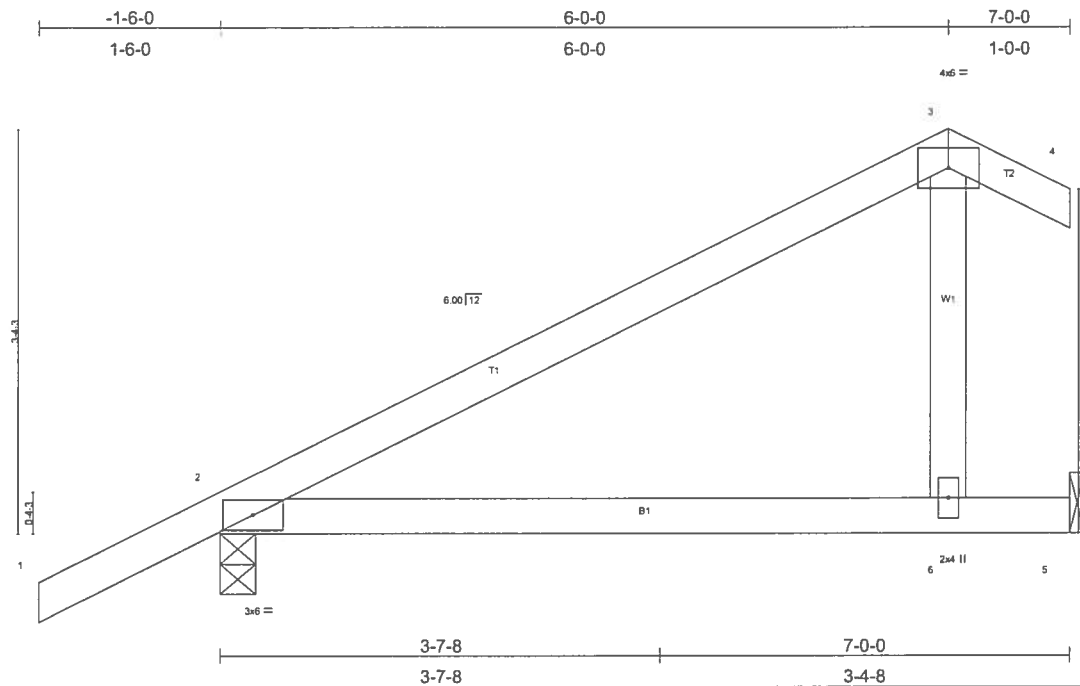
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-0/35, 2-3=-97/46, 3-4=-0/0
 BOT CHORD 2-6=-12/10, 5-6=0/0
 WEBS 3-6=-212/244

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 184 lb uplift at joint 2 and 131 lb uplift at joint 5.

LOAD CASE(S) Standard

Job L143613	Truss EJ7C	Truss Type COMMON	Qty 2	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Dec 27 15:19:35 2005 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.37	Vert(LL)	-0.18	2-6	>451	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.52	Vert(TL)	-0.30	2-6	>276	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.06	Horz(TL)	0.00		n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 29 lb	

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

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

REACTIONS (lb/size) 2=385/0-3-8, 5=278/Mechanical
 Max Horz 2=161(load case 5)
 Max Uplift 2=-193(load case 5), 5=-122(load case 5)

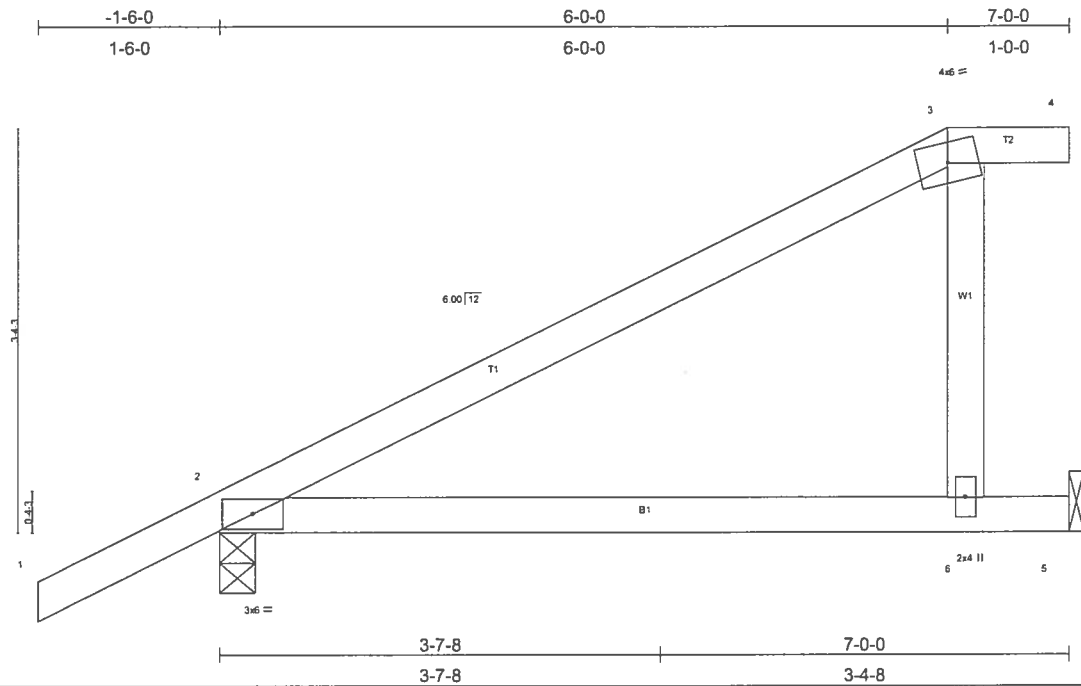
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=-67/58, 3-4=0/24
 BOT CHORD 2-6=0/0, 5-6=0/0
 WEBS 3-6=-211/247

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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.
- Refer to glider(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 193 lb uplift at joint 2 and 122 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	EJ7D	MONO HIP	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:36 2005 Page 1		



Scale = 1/16"

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.36	Vert(LL) -0.17 2-6 >486 240	MT20	244/190
TCCL 7.0	Lumber Increase 1.25	BC 0.48	Vert(TL) -0.27 2-6 >296 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.06	Horz(TL) -0.00 5 n/a n/a		
BCCL 5.0	Code FBC2004/TPI2002	(Matrix)			
				Weight: 29 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 purtins.
 BOT CHORD Rigid ceiling directly applied or 10'-0-0 oc bracing.

REACTIONS

(lb/size) 2=385/0-3-8, 5=278/Mechanical
 Max Horz 2=187(load case 5)
 Max Uplift 2=182(load case 5), 5=132(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

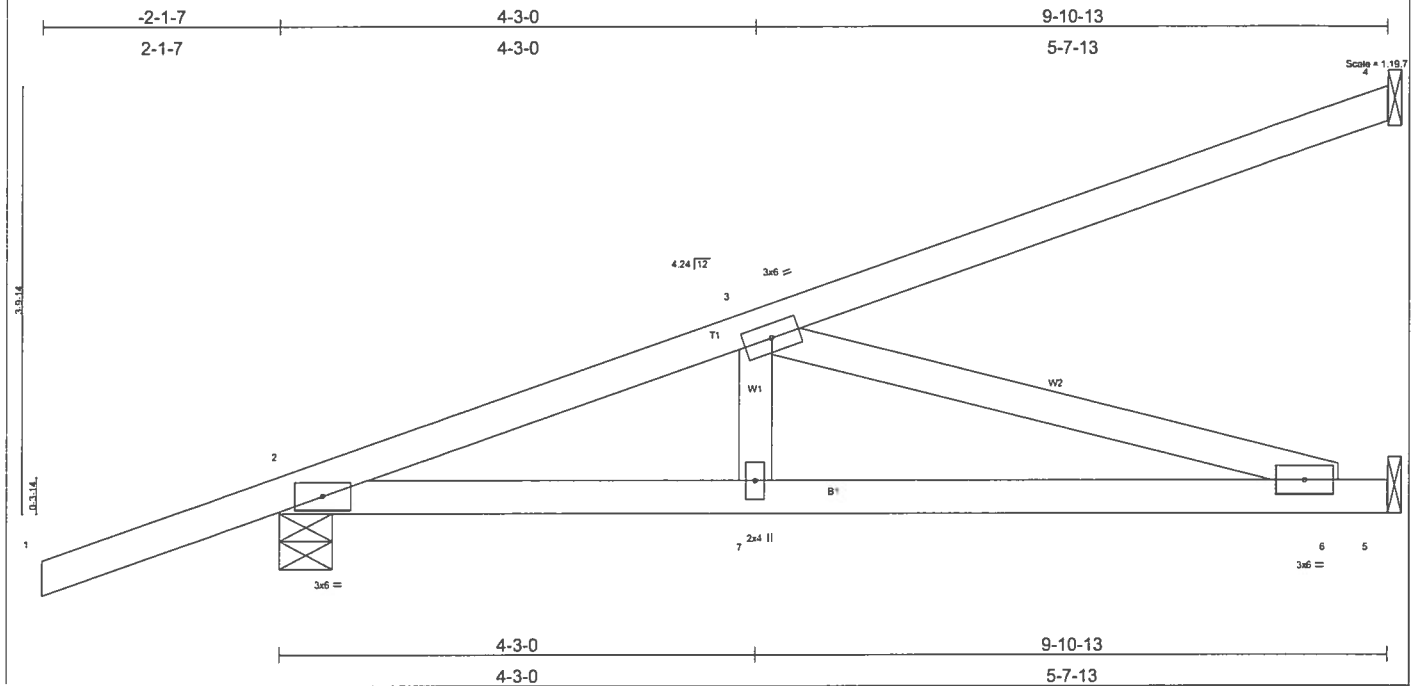
TOP CHORD 1-2=0/35, 2-3=-98/47, 3-4=0/0
 BOT CHORD 2-6=-111/10, 5-6=0/0
 WEBS 3-6=-206/239

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 182 lb uplift at joint 2 and 132 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	HJ9	MONO TRUSS	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:38 2005 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.61	Vert(LL)	-0.11	6-7	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.62	Vert(TL)	-0.18	6-7	>626	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.50	Horz(TL)	0.01	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 43 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-11-7 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-9-9 oc bracing.

REACTIONS (lb/size) 4=268/Mechanical, 2=486/0-5-11, 5=386/Mechanical
 Max Horz 2=253(load case 2)
 Max Uplift 4=230(load case 2), 2=229(load case 2), 5=77(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/37, 2-3=934/180, 3-4=-104/65
 BOT CHORD 2-7=-370/869, 6-7=-370/869, 5-6=0/0
 WEBS 3-7=0/208, 3-6=-906/385

NOTES

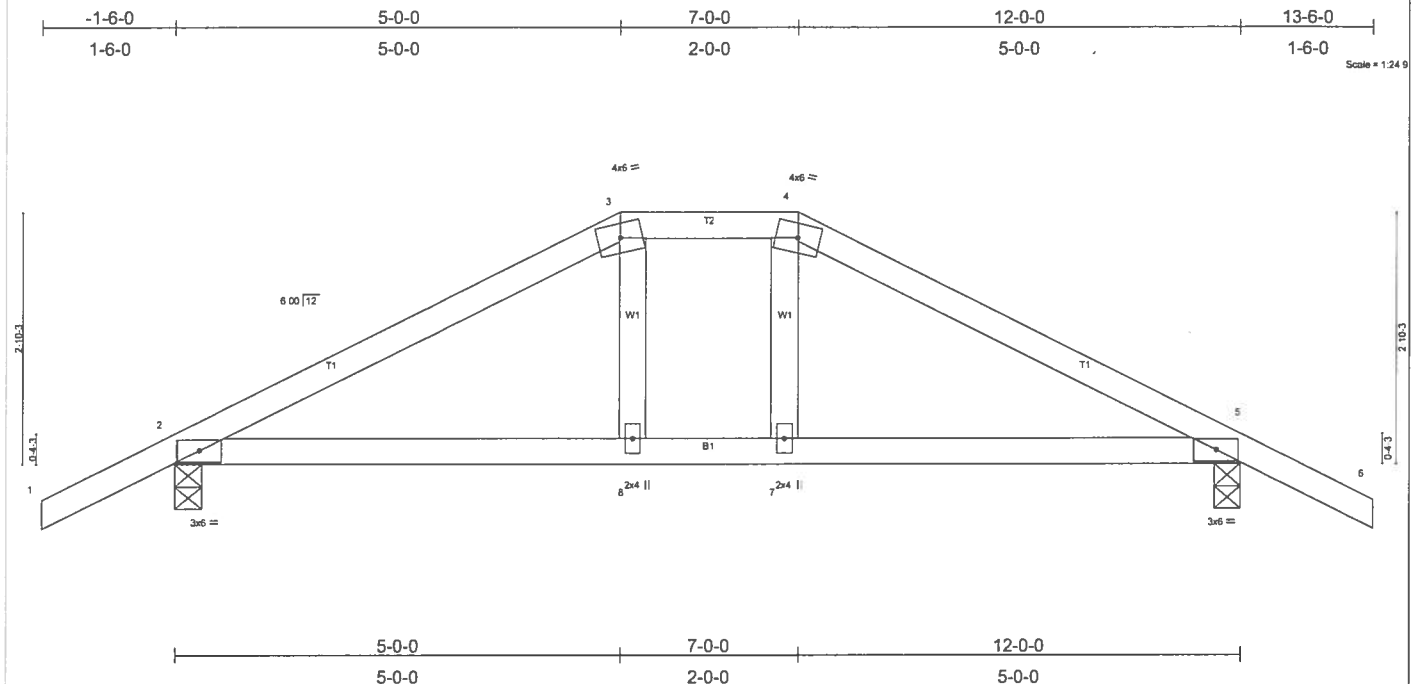
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 230 lb uplift at joint 4, 229 lb uplift at joint 2 and 77 lb uplift at joint 5.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54
 Trapezoidal Loads (plf)
 Vert: 2=3(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 L143613	Truss T01	Truss Type HIP	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

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LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.20	Vert(LL)	-0.05	2-8	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.37	Vert(TL)	-0.08	2-8	>999	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.13	Horz(TL)	0.02	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
									Weight: 50 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-3-9 oc purins.
 BOT CHORD Rigid ceiling directly applied or 8-2-11 oc bracing.

REACTIONS

(lb/size) 2=880/0-3-8, 5=880/0-3-8
 Max Horz 2=64(load case 4)
 Max Uplift 2=554(load case 4), 5=554(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=1340/714, 3-4=1155/679, 4-5=1340/713, 5-6=0/35
 BOT CHORD 2-8=569/1134, 7-8=579/1155, 5-7=567/1134
 WEBS 3-8=212/415, 4-7=212/415

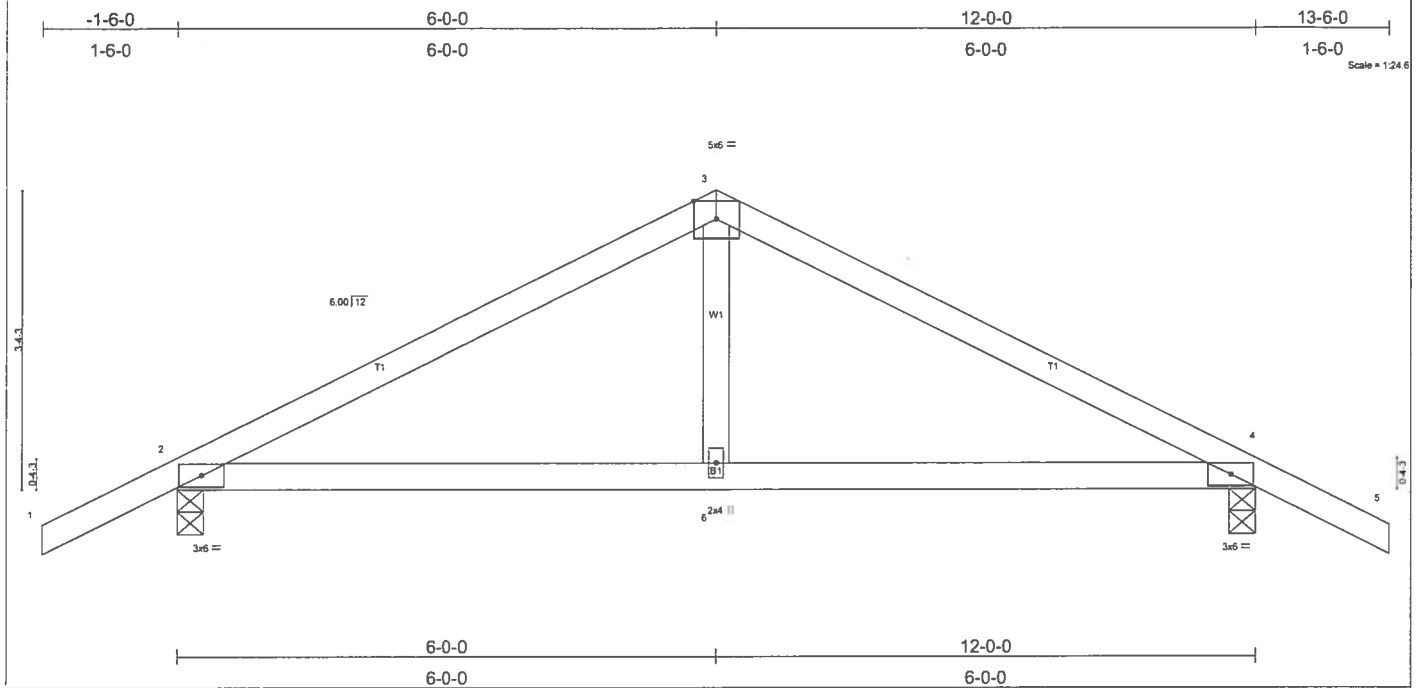
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 554 lb uplift at joint 2 and 554 lb uplift at joint 5.
- Girder carries hip end with 5-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 126 lb up at 7-0-0, and 245 lb down and 126 lb up at 5-0-0 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: 1-3=-54, 3-4=-91(F=-37), 4-6=-54, 2-8=-30, 7-8=-50(F=-20), 5-7=-30
 Concentrated Loads (lb)
 Vert: 8=-245(F) 7=-245(F)

Job L143613	Truss T02	Truss Type COMMON	Qty 3	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:39 2005 Page 1					



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.33	Vert(LL)	0.09	2-6	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.32	Vert(TL)	-0.07	2-6	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.07	Horz(TL)	-0.01	4	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TP12002								
								Weight: 47 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 8-3-13 oc bracing.

REACTIONS

(lb/size) 2=581/0-3-8, 4=581/0-3-8
 Max Horz 2=70(load case 5)
 Max Uplift 2=404(load case 5), 4=404(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

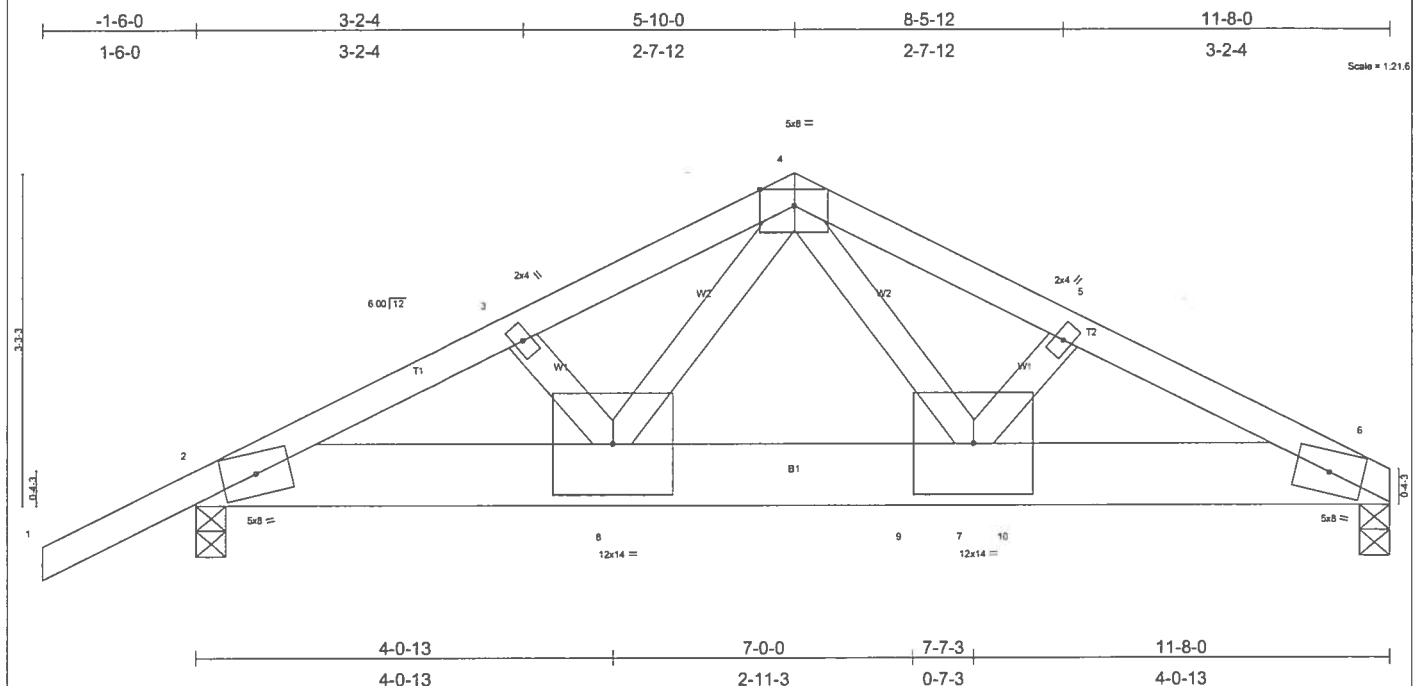
TOP CHORD 1-2=0/35, 2-3=-684/765, 3-4=-684/765, 4-5=0/35
 BOT CHORD 2-6=-536/551, 4-6=-536/551
 WEBS 3-6=-371/217

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 404 lb uplift at joint 2 and 404 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L143613	Truss T03A	Truss Type COMMON	Qty 1	Ply 2	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Dec 27 15:19:40 2005 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates increase 1.25	TC 0.29	Vert(LL) -0.08	7-8	>999	240		MT20	244/190
TCDL 7.0	Lumber increase 1.25	BC 0.35	Vert(TL) -0.12	7-8	>999	180			
BCLL 10.0	Rep Stress Incr NO	WB 0.86	Horz(TL) 0.02	6	n/a	n/a			
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							Weight: 142 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 4-7-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS

(lb/size) 6=4987/0-3-8, 2=2439/0-3-8
Max Horz 2=95(load case 4)
Max Uplift 6=1858(load case 5), 2=961(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/41, 2-3=-4979/1807, 3-4=-4899/1811, 4-5=-7567/2838, 5-6=-7647/2844
BOT CHORD 2-8=-1611/4425, 8-9=-1398/3919, 7-9=-1398/3919, 7-10=-2517/6840, 6-10=-2517/6840
WEBS 3-8=-84/101, 4-8=-292/867, 4-7=-2018/5356, 5-7=-122/119

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 3 rows at 0-4-0 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=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1858 lb uplift at joint 6 and 961 lb uplift at joint 2.
- Girder carries tie-in span(s): 39-8-0 from 8-0-0 to 11-8-0
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 3618 lb down and 1366 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 2-10=-30, 6-10=-815(F=-785)
Concentrated Loads (lb)
Vert: 9=3618(F)

Job L143613	Truss T03G	Truss Type COMMON	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Dec 27 15:19:41 2005 Page 1		

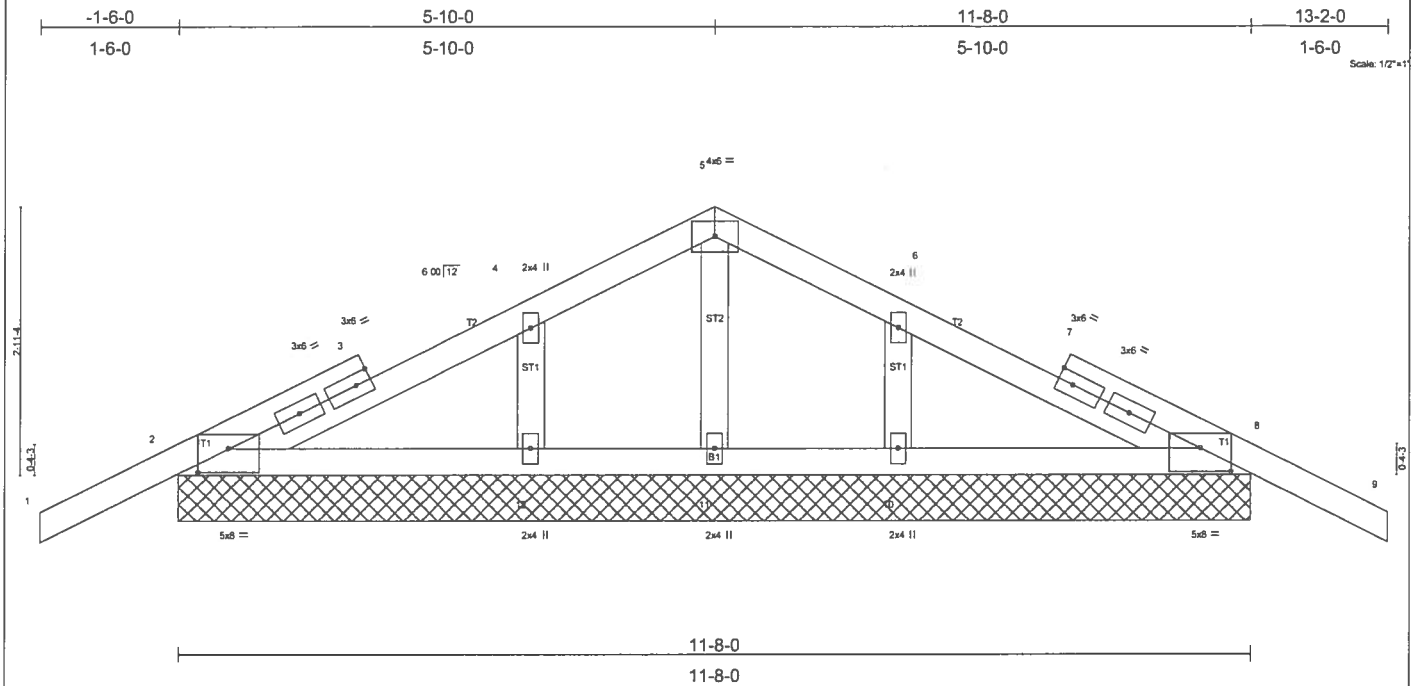


Plate Offsets (X,Y): [2:0-4-0-0-3-1], [8:0-4-0-0-3-1]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.21	Vert(LL)	-0.00	9	n/r	120	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.08	Vert(TL)	-0.00	9	n/r	90		
BCLL 10.0	Rep Stress Incr	NO	WB 0.06	Horz(TL)	0.00	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 54 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=325/11-8-0, 8=325/11-8-0, 11=188/11-8-0, 12=394/11-8-0, 10=394/11-8-0

Max Horz 2=65(load case 5)

Max Uplift 2=-185(load case 5), 8=-195(load case 6), 11=-28(load case 5), 12=-155(load case 5), 10=-157(load case 6)

Max Grav 2=330(load case 9), 8=330(load case 10), 11=188(load case 1), 12=396(load case 9), 10=396(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-5/56, 2-3=-43/66, 3-4=-48/141, 4-5=0/93, 5-6=0/93, 6-7=-24/141, 7-8=-20/66, 8-9=-5/56

BOT CHORD 2-12=-62/122, 11-12=-62/122, 10-11=-62/122, 8-10=-62/122

WEBS 5-11=-168/37, 4-12=-284/226, 6-10=-284/226

NOTES

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

2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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 requires continuous bottom chord bearing.

5) Gable studs spaced at 2-0-0 oc.

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 185 lb uplift at joint 2, 195 lb uplift at joint 8, 28 lb uplift at joint 11, 155 lb uplift at joint 12 and 157 lb uplift at joint 10.

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

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-5=-87(F=-33), 5-9=-87(F=-33), 2-8=-30

Job L143613	Truss T04	Truss Type COMMON	Qty 2	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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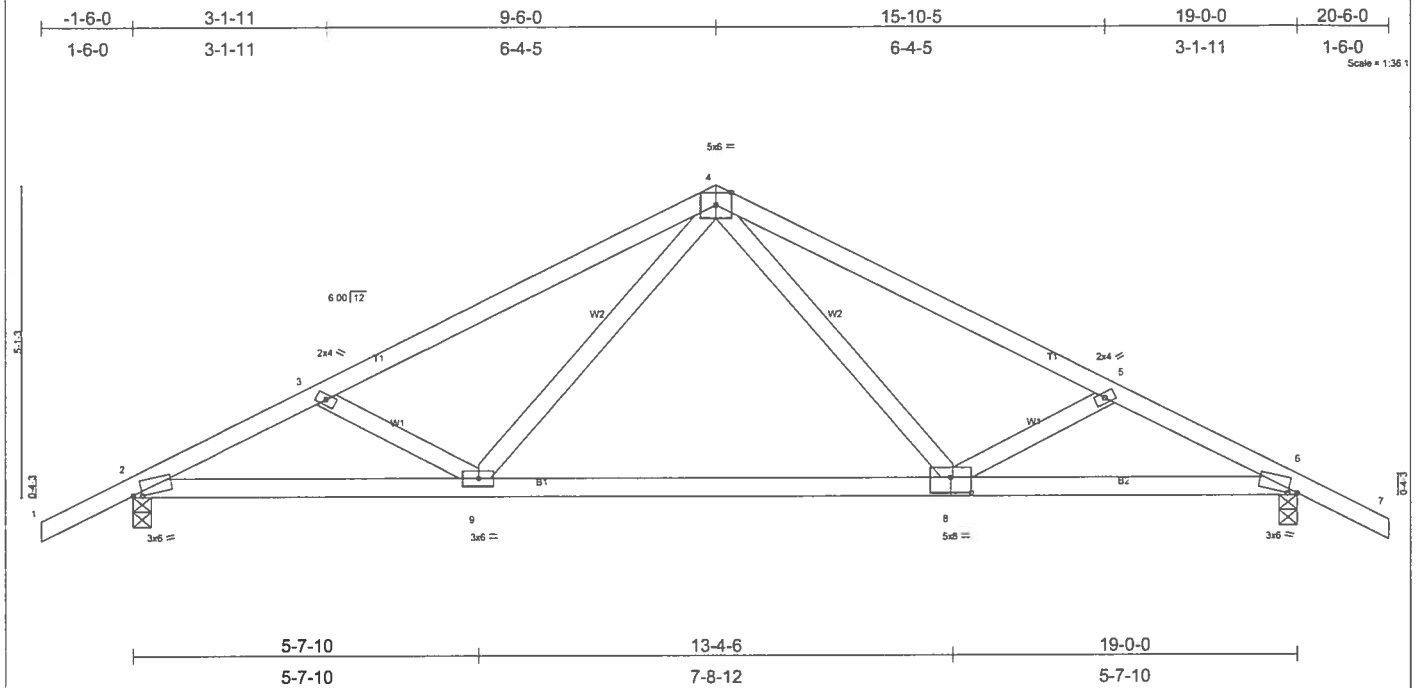


Plate Offsets (X,Y): [2:0-1-13,0-0-7], [6:0-1-13,0-0-7], [8:0-4-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.38	Vert(LL)	-0.28	8-9	>793	240	MT20	244/190
BCDL 7.0	Lumber Increase	1.25	BC 0.91	Vert(TL)	-0.46	8-9	>487	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.23	Horz(TL)	0.04	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 92 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 4-5-7 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-10-10 oc bracing.

REACTIONS

(lb/size) 2=1068/0-3-8, 6=1068/0-3-8
 Max Horz 2=-95(load case 6)
 Max Uplift 2=-424(load case 5), 6=-424(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-1886/822, 3-4=-1714/722, 4-5=-1714/722, 5-6=-1886/822, 6-7=0/35
 BOT CHORD 2-9=-622/1630, 8-9=-292/1038, 6-8=-622/1630
 WEBS 3-9=-223/229, 4-9=-210/712, 4-8=-210/712, 5-8=-223/229

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 424 lb uplift at joint 2 and 424 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

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 4-7=-54, 2-9=-30, 8-9=-80(F=-50), 6-8=-30

Job L143613	Truss T04A	Truss Type COMMON	Qty 7	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
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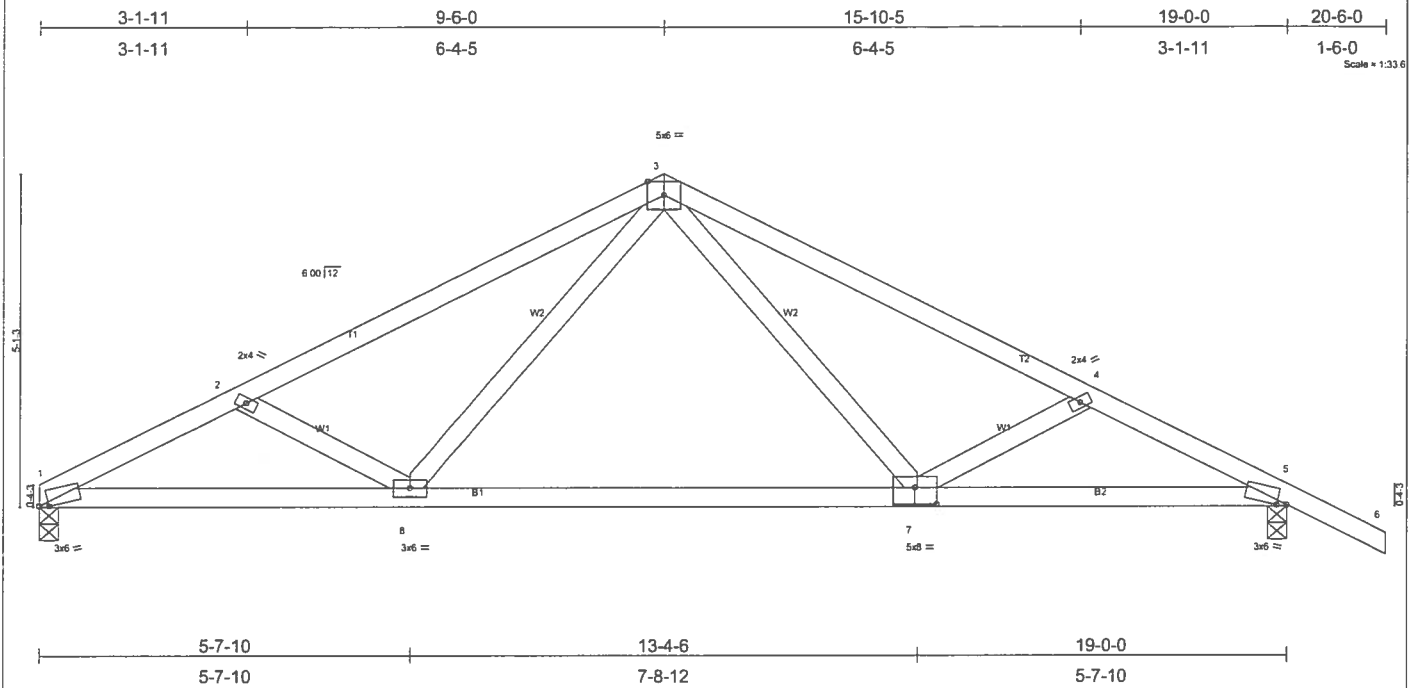


Plate Offsets (X,Y): [1:0-1-12,0-0-7], [5:0-1-12,0-0-7], [7:0-4-0-0-3-0]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES
TCCL 20.0	Plates Increase	1.25	TC 0.38	Vert(LL)	-0.28	7-8	>797	240	MT20
TCCL 7.0	Lumber Increase	1.25	BC 0.93	Vert(TL)	-0.46	7-8	>489	180	GRIP
BCCL 10.0	Rep Stress Incr	NO	WB 0.24	Horz(TL)	0.04	5	n/a	n/a	244/190
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 89 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 4-4-14 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-6-8 oc bracing.

REACTIONS (lb/size) 1=975/0-3-8, 5=1072/0-3-8
 Max Horz 1=-113(load case 6)
 Max Uplift 1=-327(load case 5), 5=-426(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1919/878, 2-3=-1737/761, 3-4=-1721/734, 4-5=-1892/834, 5-6=0/35
 BOT CHORD 1-8=-684/1666, 7-8=-305/1045, 5-7=-633/1635
 WEBS 2-8=-241/260, 3-8=-245/733, 3-7=-207/710, 4-7=-222/229

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 327 lb uplift at joint 1 and 426 lb uplift at joint 5.
 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-6=-54, 1-8=-30, 7-8=-80(F=-50), 5-7=-30

Job L143613	Truss T04B	Truss Type SPECIAL	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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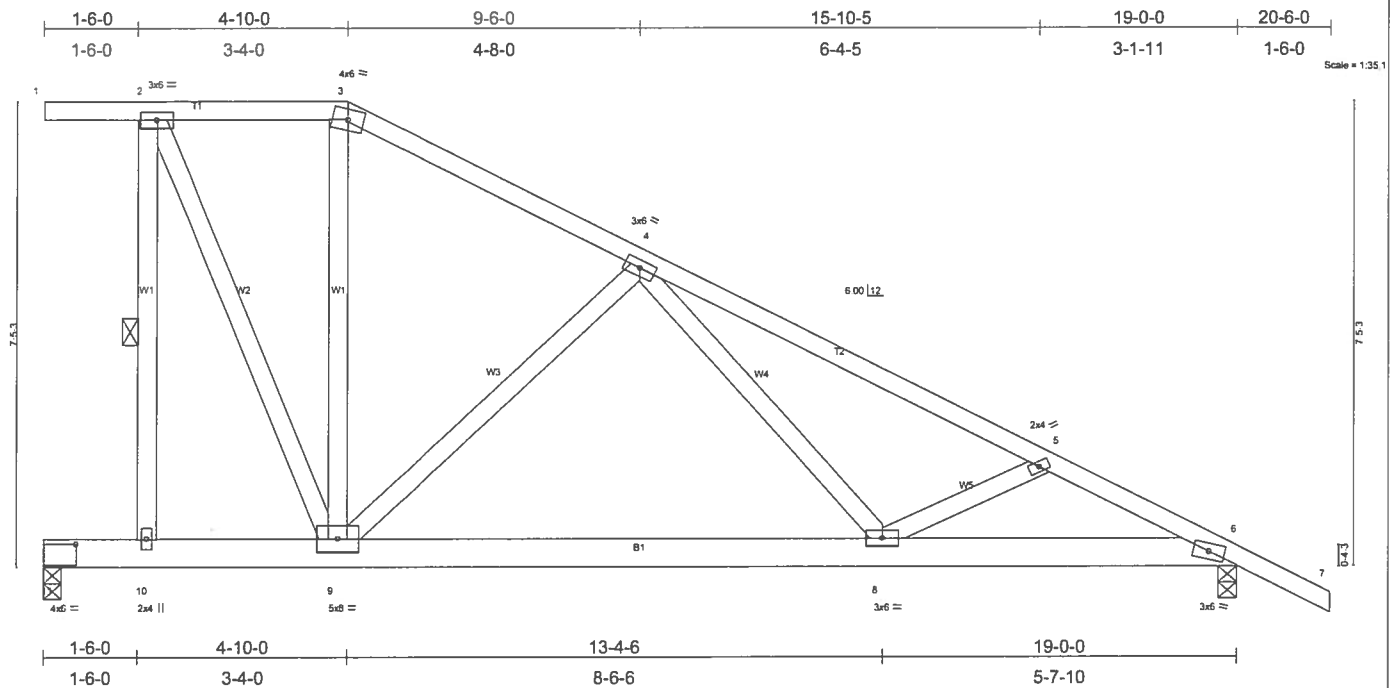


Plate Offsets (X,Y): [8:12-10-3,0-1-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.32	Vert(LL)	0.11 9-10	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.76	Vert(TL)	-0.17 9-10	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.54	Horz(TL)	0.01 6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 131 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-10-13 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-4-14 oc bracing.
 WEBS 1 Row at midpt 2-10

REACTIONS

(lb/size) 11=790/0-3-8, 6=879/0-3-8
 Max Horz 11=-377(load case 6)
 Max Uplift 11=-288(load case 6), 6=-324(load case 6)

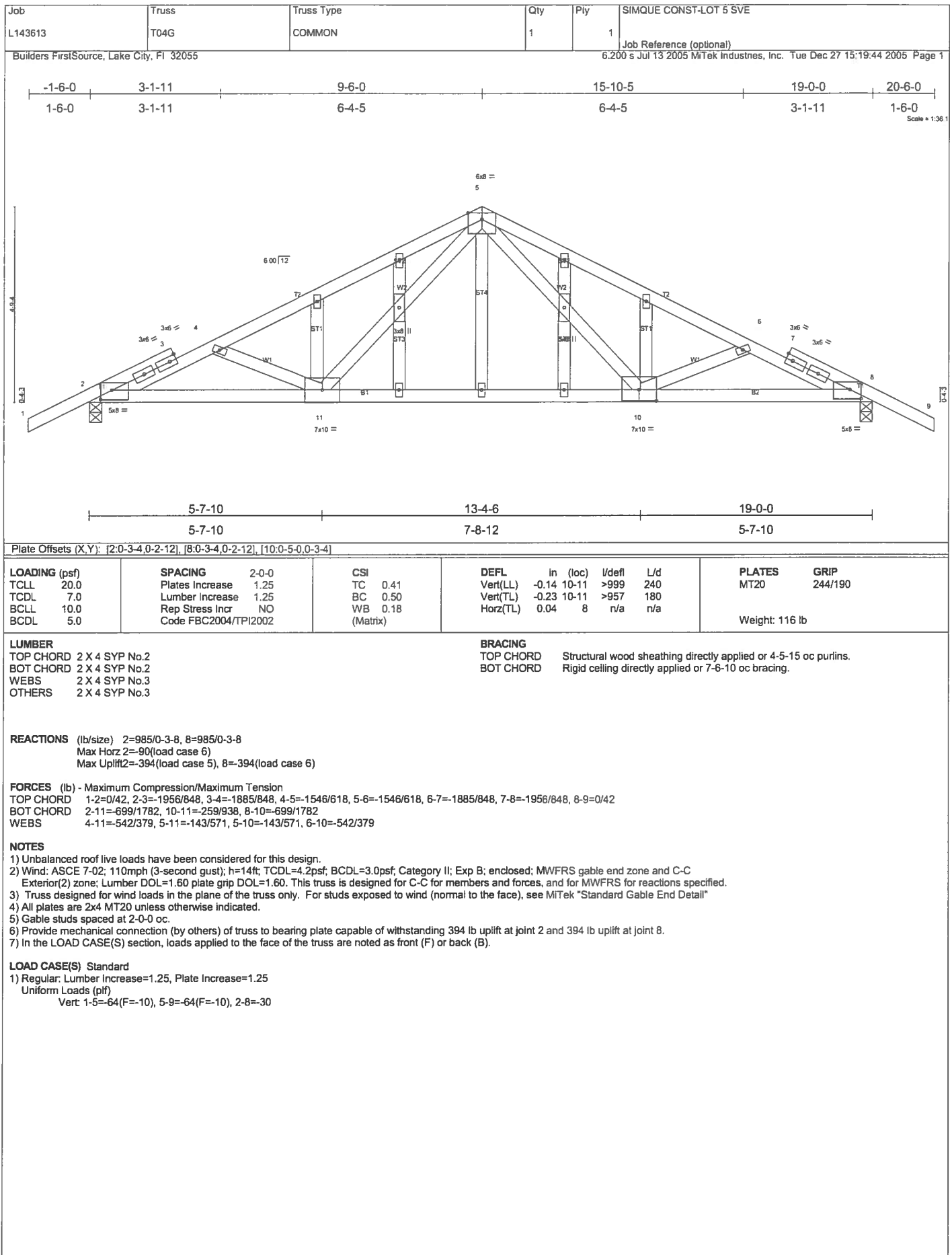
FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/0, 2-3=-427/214, 3-4=-546/196, 4-5=-1255/363, 5-6=-1493/523, 6-7=0/39
 BOT CHORD 10-11=0/424, 9-10=0/424, 8-9=-48/786, 6-8=-378/1325
 WEBS 2-9=-540/1079, 3-9=0/60, 4-8=-75/424, 4-9=-503/359, 5-8=-307/322, 2-10=-1174/645

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 288 lb uplift at joint 11 and 324 lb uplift at joint 6.

LOAD CASE(S) Standard



Job L143613	Truss T05	Truss Type HIP	Qty 1	Ply 2	SIMQUE CONST-LOT 5 SVE Job Reference (optional)
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Scale = 1/8" = 1'-0"

Plate Offsets (X,Y): [1:0-3-0-0-2-9], [4:0-2-12-0-3-0], [8:0-3-0-0-2-9], [11:0-5-0-0-4-8], [13:0-5-0-0-4-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.45	Vert(LL)	-0.48 11-12	>975	240	MT20	244/190
TCOL 7.0	Lumber Increase	1.25	BC 0.61	Vert(TL)	-0.78 11-12	>610	180		
BCCL 10.0	Rep Stress Incr	NO	WB 0.49	Horz(TL)	0.15 8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 449 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

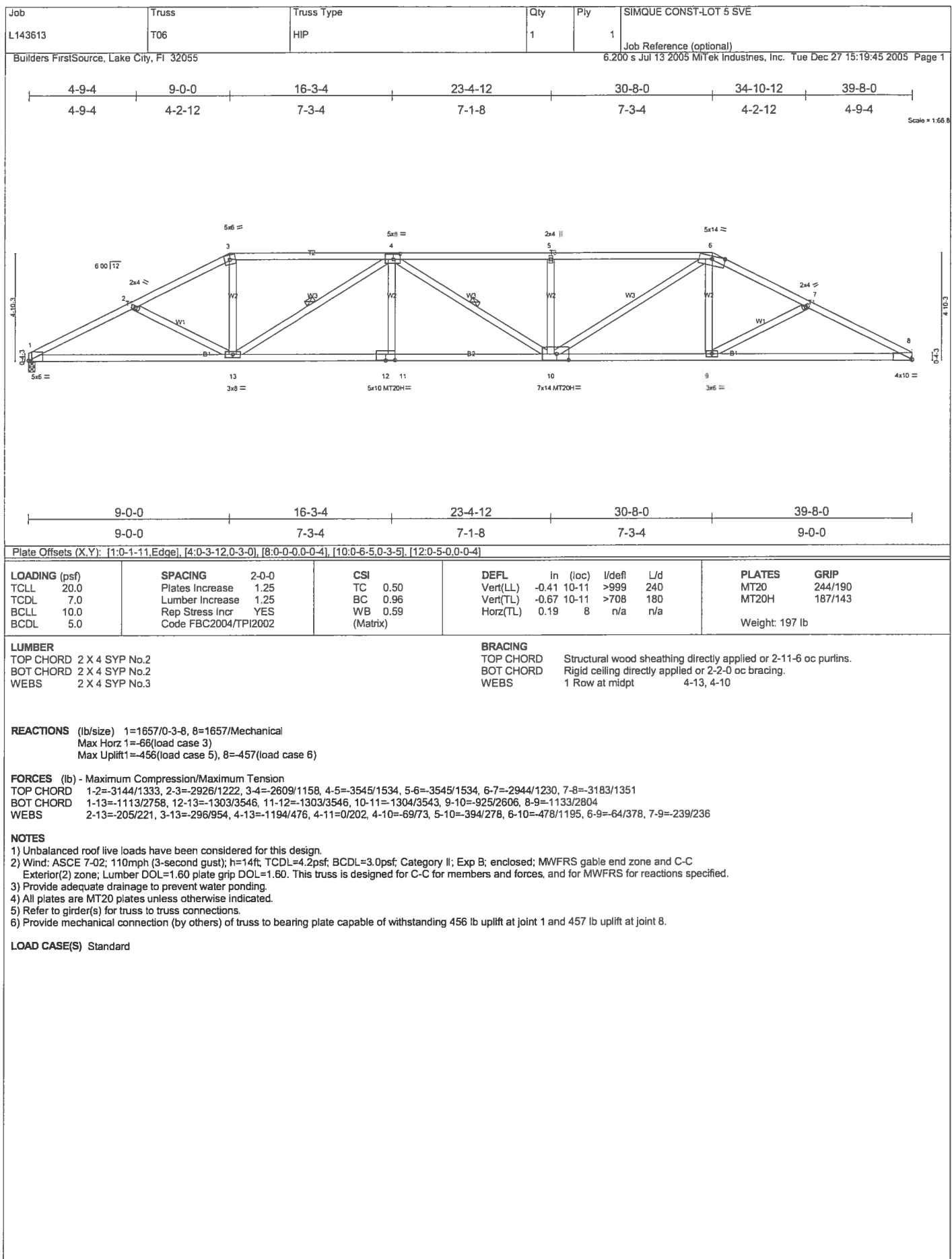
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-9-11 oc bracing.

REACTIONS (lb/size) 1=3618/0-3-8, 8=3618/Mechanical
Max Horz 1=50(load case 3)
Max Uplift 1=-1410(load case 3), 8=-1409(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-6857/2799, 2-3=-6181/2582, 3-4=-10129/4363, 4-5=-10107/4350, 5-6=-10113/4355, 6-7=-6194/2588, 7-8=-6869/2804
BOT CHORD 1-14=-2495/6074, 13-14=-3725/8763, 12-13=-3722/8771, 11-12=-4319/10135, 10-11=-3687/8781, 9-10=-3687/8781, 8-9=-2451/6087
WEBS 2-14=-951/2552, 3-14=-3229/1508, 3-13=0/253, 3-12=-749/1673, 4-12=-596/478, 4-11=-80/43, 5-11=-583/474, 6-11=-729/1638, 6-10=0/276, 6-9=-3235/1507, 7-9=-950/2550

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1410 lb uplift at joint 1 and 1409 lb uplift at joint 8.
8) Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 7-0-0; 7-0-0 from 32-8-0 to 39-8-0
9) Girder carries hip end with 7-0-0 end setback.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-7=-118(F=-64), 7-8=-54, 1-14=-130(F=-100), 9-14=-65(F=-35), 8-9=-130(F=-100)



Job L143613	Truss T08	Truss Type SPECIAL	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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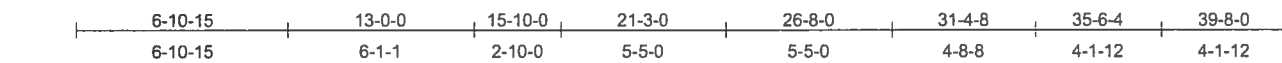
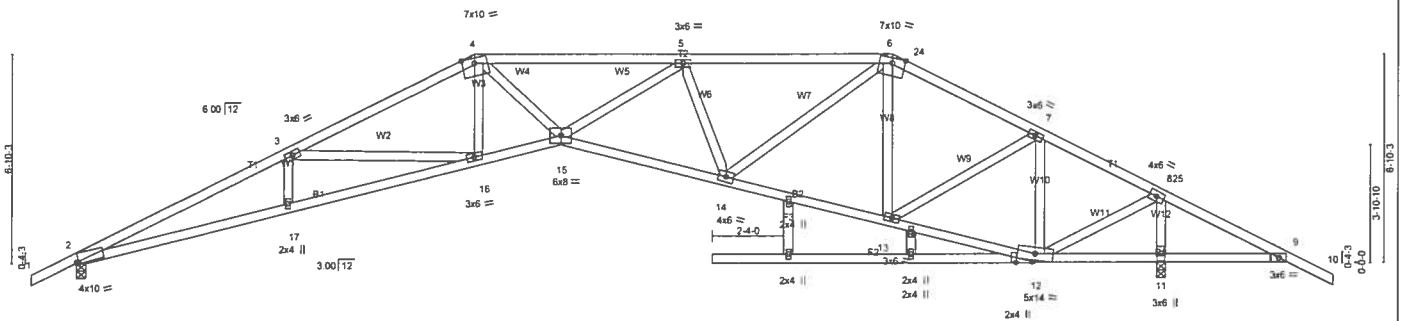


Plate Offsets (X,Y): [2-0-0-14,Edge], [19-0-0-4,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCCL 20.0	Plates Increase	1.25	TC 0.97	Vert(LL)	-0.60	14-15	>710	240	
TCOL 7.0	Lumber Increase	1.25	BC 0.93	Vert(TL)	-0.96	14-15	>443	180	
BCCL 10.0	Rep Stress Incr	NO	WB 0.57	Horz(TL)	0.59	11	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 223 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B1 2 X 4 SYP No.1D, B3 2 X 4 SYP No.1D
 WEBS 2 X 4 SYP No.3 "Except"
 W11 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied.
 BOT CHORD Rigid ceiling directly applied or 5-0-6 oc bracing.
 JOINTS 1 Brace at Jt(s): 13

REACTIONS

(lb/size) 2=1629/0-3-8, 11=2711/0-3-8
 Max Horz 2=-119(load case 6)
 Max Uplift 2=-590(load case 5), 11=-1216(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-0/34, 2-3=-5357/2093, 3-4=-4385/1697, 4-5=-5111/1963, 5-6=-3428/1464, 6-24=-2304/1081, 7-24=-2566/1192, 7-25=-1909/889,
 8-25=-1967/933, 8-9=-558/521, 9-10=0/35
 BOT CHORD 2-17=-1754/4848, 16-17=-1756/4845, 15-16=-1234/3995, 14-15=-1280/3978, 13-14=-696/2235, 12-13=-536/1630, 11-12=-404/592,
 9-11=-404/592
 WEBS 3-17=0/199, 3-16=-827/506, 4-16=-138/413, 4-15=-512/1694, 5-15=-401/1517, 5-14=-1264/498, 6-14=-499/1591, 6-13=-335/168,
 7-13=-198/690, 7-12=-1301/757, 8-12=-1272/2257, 8-11=-2560/1606

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever 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.
- Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 590 lb uplift at joint 2 and 1216 lb uplift at joint 11.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 110 lb down and 101 lb up at 35-2-0 on top 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: 1-4=-54, 4-6=-54, 6-24=-54, 10-25=-54, 2-15=-30, 12-15=-30, 9-12=-30
 Concentrated Loads (lb)
 Vert: 25=-110(F)
 Trapezoidal Loads (plf)
 Vert: 24=-119(F=-65)-to-25=-174(F=-120)

Job L143613	Truss T10	Truss Type SPECIAL	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Dec 27 15:19:49 2005 Page 1

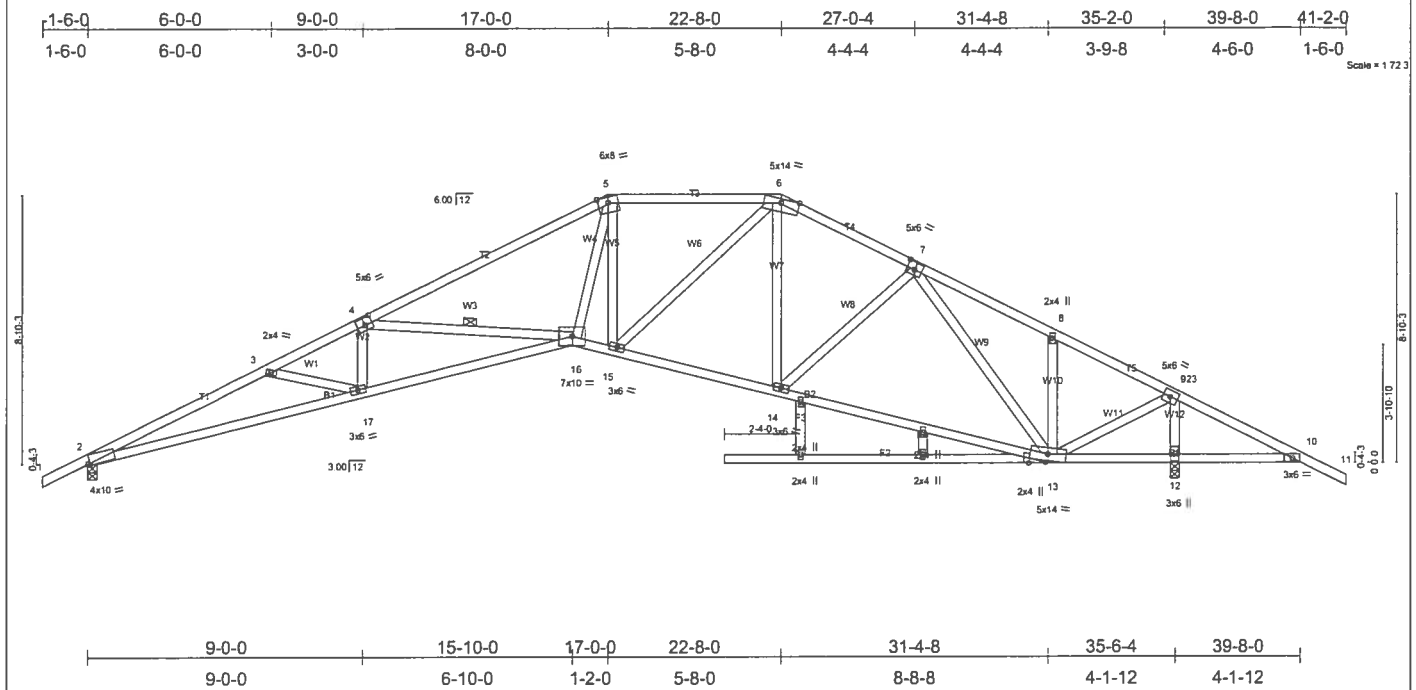


Plate Offsets (X,Y): [2:0-0-14,Edge], [4:0-3-0-0-3-0], [7:0-3-0-0-3-0], [13:0-0-4,Edge]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.90	Vert(LL)	-0.53	16-17	>807	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.88	Vert(TL)	-0.84	16-17	>502		
BCCL 10.0	Rep Stress Incr	NO	WB 0.91	Horz(TL)	0.49	12	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
Weight: 236 lb									

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2 "Except"	TOP CHORD Structural wood sheathing directly applied or 1-10-6 oc purlins.
T2 2 X 4 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 5-1-6 oc bracing. Except:
BOT CHORD 2 X 4 SYP No.2 "Except"	1 Row at midpt 13-14
B1 2 X 4 SYP No.1D	WEBS 1 Row at midpt 4-16
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=1631/0-3-8, 12=2718/0-3-8
 Max Horz 2=-147(load case 6)
 Max Uplift 2=-598(load case 5), 12=-1083(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/34, 2-3=-5245/2033, 3-4=-5045/1924, 4-5=-3830/1365, 5-6=-2863/1176, 6-7=-2447/999, 7-8=-1948/783, 8-23=-1910/657,
 9-23=-1968/677, 9-10=-564/539, 10-11=0/35
 BOT CHORD 2-17=-1706/4767, 16-17=-1540/4646, 15-16=-707/2976, 14-15=-462/2218, 13-14=-570/2196, 12-13=-420/600, 10-12=-420/600
 WEBS 3-17=-111/163, 4-17=-37/350, 4-16=-1162/677, 5-16=-571/2070, 5-15=-777/275, 6-15=-334/997, 6-14=-121/264, 7-14=-33/198,
 7-13=-852/343, 8-13=-677/421, 9-13=-1072/2292, 9-12=-2618/1343

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 598 lb uplift at joint 2 and 1083 lb uplift at joint 12.
 - 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 110 lb down and 48 lb up at 35-2-0 on top 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: 1-5=-54, 5-6=-54, 6-7=-54, 11-23=-54, 2-16=30, 13-16=30, 10-13=30
 Concentrated Loads (lb)
 Vert: 23=-110(F)
 Trapezoidal Loads (plf)
 Vert: 7=-118(F=-64)-to-23=-174(F=-120)

Job L143613	Truss T11	Truss Type SPECIAL	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Dec 27 15:19:50 2005 Page 1

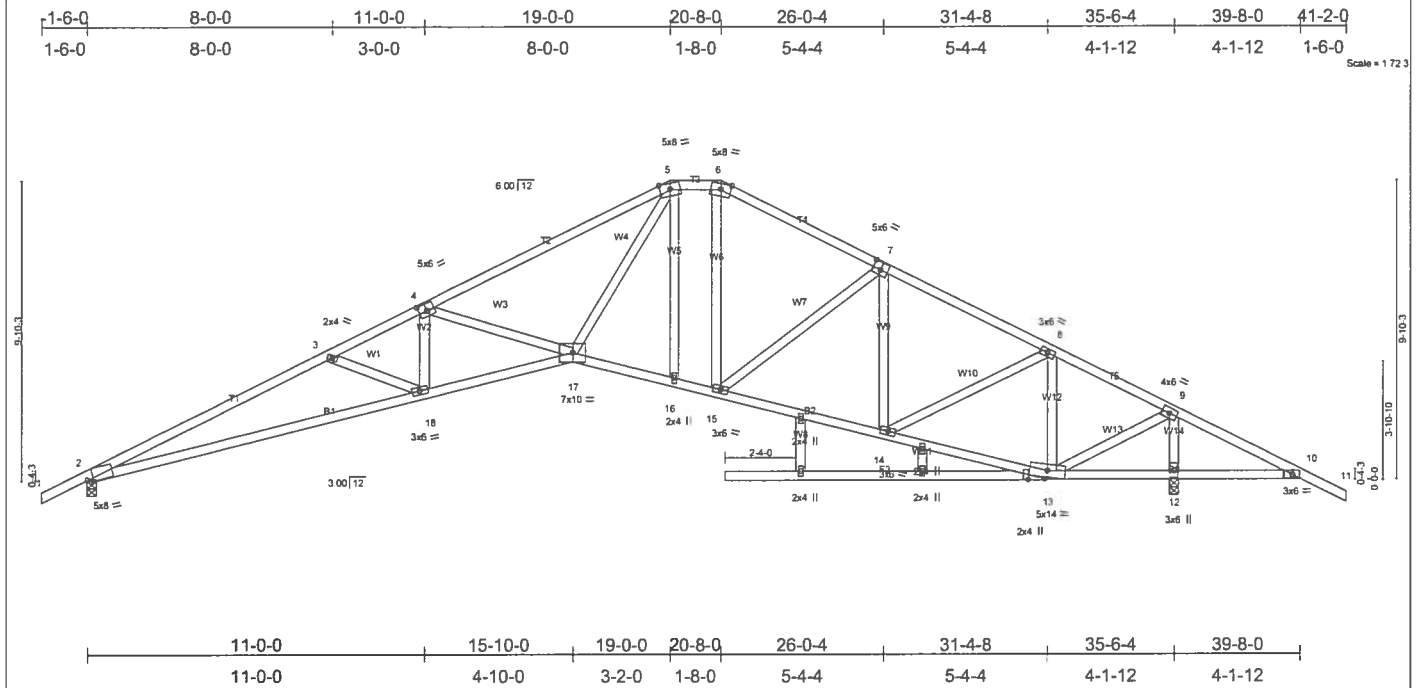


Plate Offsets (X, Y): [2:0-2-6,Edge], [4:0-3-0,0-3-0], [7:0-3-0,0-3-0], [20:0-0-4,Edge]							
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d
TCLL 20.0	Plates Increase	1.25	TC 0.92	Vert(LL)	-0.67	2-18	>638
TCDL 7.0	Lumber Increase	1.25	BC 0.85	Vert(TL)	-1.10	2-18	>388
BCLL 10.0	Rep Stress Incr	YES	WB 0.73	Horz(TL)	0.49	12	n/a
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)				
				Weight: 236 lb			

LUMBER
 TOP CHORD 2 X 4 SYP No.2 "Except"
 T1 2 X 4 SYP No.1D
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B1 2 X 4 SYP No.1D, B2 2 X 4 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied.
 BOT CHORD Rigid ceiling directly applied or 5-2-14 oc bracing.
 JOINTS 1 Brace at Jt(s): 14

REACTIONS (lb/size) 2=1545/0-3-8, 12=1945/0-3-8
 Max Horz 2=-161(load case 6)
 Max Uplift 2=-576(load case 5), 12=-804(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/34, 2-3=-4780/1856, 3-4=-4437/1683, 4-5=-3457/1261, 5-6=-1873/862, 6-7=-2129/891, 7-8=-2005/794, 8-9=-1285/429,
 9-10=-587/562, 10-11=0/35
 BOT CHORD 2-18=-1526/4357, 17-18=-1254/4067, 16-17=-397/1985, 15-16=-313/1802, 14-15=-389/1826, 13-14=-230/1121, 12-13=-452/625,
 10-12=-452/625
 WEBS 3-18=-273/281, 4-18=-117/458, 4-17=-1003/571, 5-17=-708/2273, 5-16=-677/325, 6-15=-275/593, 7-15=-79/281, 7-14=-415/234,
 8-14=-245/734, 8-13=-910/476, 9-13=-884/1751, 9-12=-1802/1025

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B: enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever 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.
- Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 576 lb uplift at joint 2 and 804 lb uplift at joint 12.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	T12	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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1-6-0	4-10-15	9-0-0	15-10-0	19-10-0	23-7-4	31-4-8	35-6-4	39-8-0	41-2-0
1-6-0	4-10-15	4-1-1	6-10-0	4-0-0	3-9-4	7-9-4	4-1-12	4-1-12	1-6-0

Scale = 1/17.5

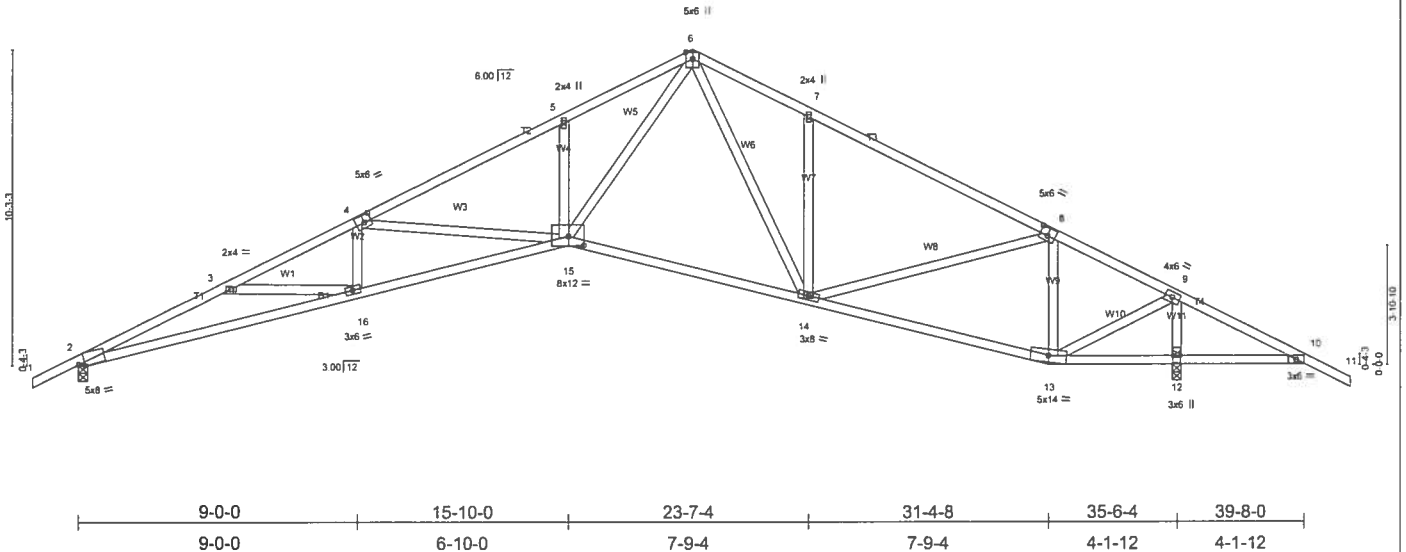


Plate Offsets (X,Y): [2:0-2-6 Edg], [4:0-2-12,0-3-0], [8:0-3-0,0-3-0], [15:0-6-0,0-3-10]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.53	Vert(LL)	-0.50	15-16	>845	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.99	Vert(TL)	-0.80	15-16	>528	180	244/190
BCLL 10.0	Rep Stress Incr	YES	WB 0.85	Horz(TL)	0.48	12	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 215 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 2-4-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS

(lb/size) 2=1545/0-3-8, 12=1945/0-3-8
 Max Horz 2=-167(load case 6)
 Max Uplift 2=-579(load case 5), 12=-809(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/34, 2-3=-4883/1956, 3-4=-4670/1778, 4-5=-3575/1291, 5-6=-3543/1443, 6-7=-2143/1036, 7-8=-2171/852, 8-9=-1309/445, 9-10=-595/579, 10-11=0/35
 BOT CHORD 2-16=-1645/4434, 15-16=-1413/4307, 14-15=-343/1815, 13-14=-253/1176, 12-13=-471/637, 10-12=-471/637
 WEBS 3-16=-151/225, 4-16=-10/286, 4-15=-1048/598, 5-15=-314/328, 6-15=-902/2505, 6-14=-324/431, 7-14=-372/380, 8-14=-214/773, 8-13=-923/525, 9-13=-932/1809, 9-12=-1810/1018

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever 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.
- Bearing at joint(s) 2 considers parallel to grain value using ANSI/TP1 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 579 lb uplift at joint 2 and 809 lb uplift at joint 12.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	SIMQUE CONST-LOT 5 SVE
L143613	T13	SPECIAL	3	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:51 2005 Page 1		

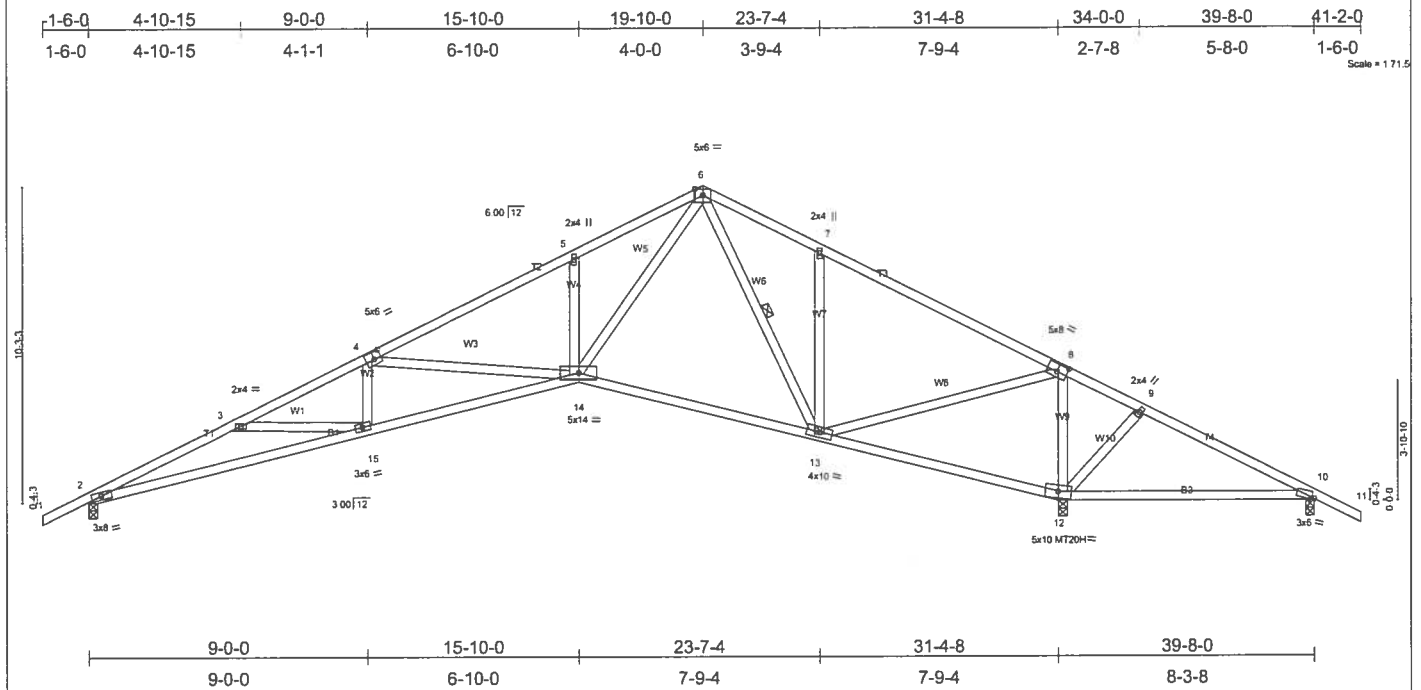


Plate Offsets (X,Y): [4:0-2-12:0-3-0], [8:0-4-0:0-3-0], [10:0-1-5:0-0-7]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCCL 20.0	Plates Increase	1.25	TC 0.77	Vert(LL)	-0.35	2-15	>999	240	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.75	Vert(TL)	0.19	10-12	>521	180	187/143
BCCL 10.0	Rep Stress Incr	YES	WB 0.87	Horz(TL)	0.28	12	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 211 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-0-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 4-4-2 oc bracing.
 WEBS 1 Row at midpt 6-13

REACTIONS (lb/size) 2=1158/0-3-8, 12=2825/0-3-8, 10=498/0-3-8

Max Horz 2=-167(load case 6)
 Max Uplift 2=-454(load case 5), 12=-959(load case 5), 10=-615(load case 9)
 Max Grav 2=1158(load case 1), 12=2825(load case 1), 10=116(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/34, 2-3=-3377/1421, 3-4=-3071/1203, 4-5=-1915/702, 5-6=-1888/855, 6-7=-504/440, 7-8=-527/255, 8-9=-656/1968, 9-10=-617/1843, 10-11=0/35
 BOT CHORD 2-15=-1158/3070, 14-15=-904/2819, 13-14=0/701, 12-13=-1871/867, 10-12=-1566/660
 WEBS 3-15=-251/269, 4-15=-213/41, 4-14=-1082/609, 5-14=-324/332, 6-14=-647/1772, 6-13=-756/192, 7-13=-376/382, 8-13=-701/2235, 8-12=-1959/841, 9-12=-215/201

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch 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.
- All plates are MT20 plates unless otherwise indicated.
- Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 454 lb uplift at joint 2, 959 lb uplift at joint 12 and 615 lb uplift at joint 10.

LOAD CASE(S) Standard

Job L143613	Truss T14	Truss Type MONO HIP	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Dec 27 15:19:52 2005 Page 1

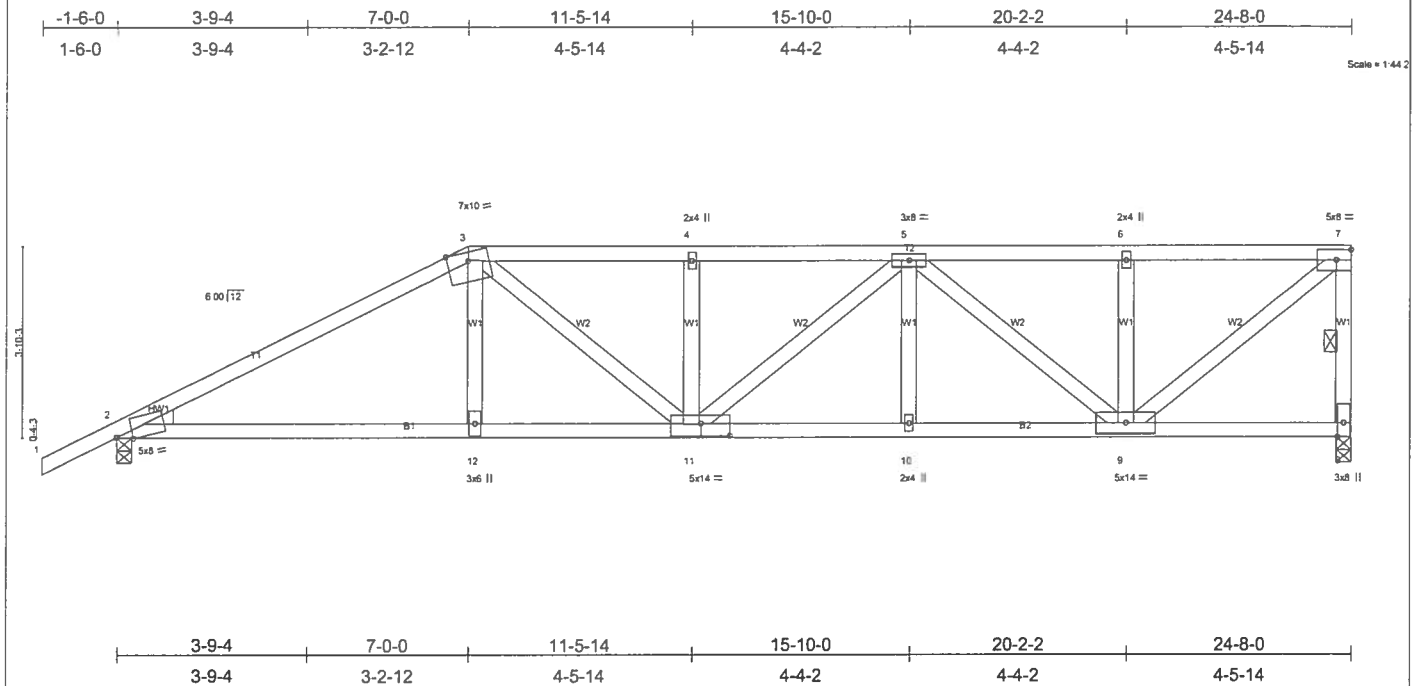


Plate Offsets (X,Y): [2:0-3-13,Edge], [11:0-7-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.65	Vert(LL) -0.23	10-11	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.91	Vert(TL) -0.37	10-11	>797	180		
BCCL 10.0	Rep Stress Incr NO	WB 0.95	Horz(TL) 0.12	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 133 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-8-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-10-12 oc bracing.
WEBS 1 Row at midpt 7-8

REACTIONS (lb/size) 8=2284/0-3-8, 2=2119/0-3-8

Max Horz 2=210(load case 4)

Max Uplift 8=1027(load case 3), 2=902(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-3948/1658, 3-4=-4068/1825, 4-5=-4068/1825, 5-6=-2376/1067, 6-7=-2376/1067, 7-8=-2133/1039

BOT CHORD 2-12=-1518/3440, 11-12=-1525/3474, 10-11=-1664/3711, 9-10=-1664/3711, 8-9=-34/74

WEBS 3-12=-237/817, 3-11=-447/757, 4-11=-492/448, 5-11=-220/461, 5-10=0/288, 5-9=-1725/771, 6-9=-520/437, 7-9=-1336/2976

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1027 lb uplift at joint 8 and 902 lb uplift at joint 2.
- 4) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
- 5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-7=-118(F=-64), 2-12=-30, 8-12=-65(F=-35)

Concentrated Loads (lb)

Vert: 12=-539(F)

Job L143613	Truss T15	Truss Type MONO HIP	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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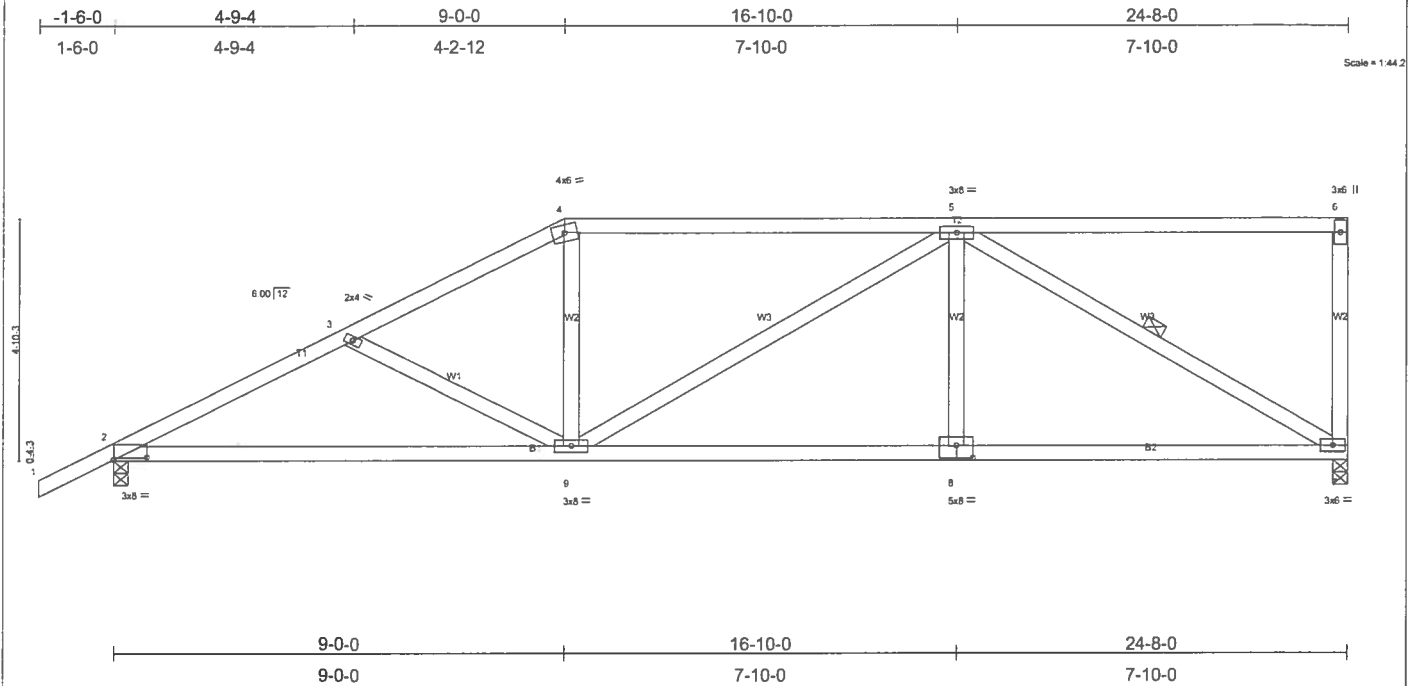


Plate Offsets (X,Y): [2:0-8-0,0-0-10], [8:0-4-0,0-3-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.68	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.52	Vert(LL) -0.17 2-9 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.54	Vert(TL) -0.30 2-9 >990 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.05 7 n/a n/a		
					Weight: 129 lb

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-4-13 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 7-1-15 oc bracing.
 WEBS 1 Row at midpt 5-7

REACTIONS (lb/size) 7=1021/0-3-8, 2=1116/0-3-8
 Max Horz 2=256(load case 5)
 Max Uplift 7=-369(load case 4), 2=-394(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=-1767/705, 3-4=-1536/602, 4-5=-1347/596, 5-6=-70/26, 6-7=-192/135
 BOT CHORD 2-9=-780/1535, 8-9=-540/1272, 7-8=-540/1272
 WEBS 3-9=-224/207, 4-9=-10/326, 5-9=-87/87, 5-8=0/221, 5-7=-1398/598

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 369 lb uplift at joint 7 and 394 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L143613	Truss T16	Truss Type MONO HIP	Qty 1	Ply 1	SIMQUE CONST-LOT 5 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6,200 s Jul 13 2005 Mitek Industries, Inc. Tue Dec 27 15:19:53 2005 Page 1

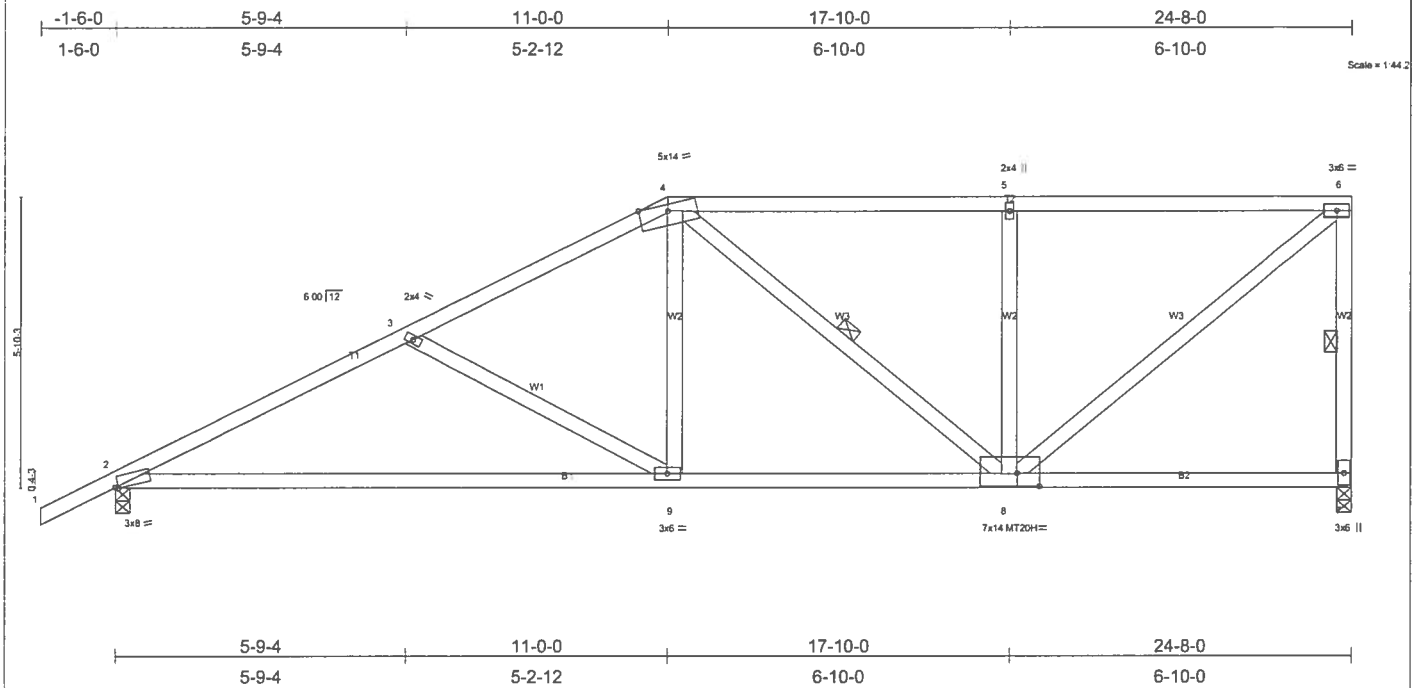


Plate Offsets (X,Y): [2:0-0-10,Edge], [8:0-5-3-0-3-2]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.49	Vert(LL)	-0.36	2-9	>823	240	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.70	Vert(TL)	-0.61	2-9	>480	180	187/143
BCLL 10.0	Rep Stress Incr	YES	WB 0.68	Horz(TL)	0.04	7	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 135 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 4-1-9 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 7-0-8 oc bracing.
 WEBS 1 Row at midpt 6-7, 4-8

REACTIONS

(lb/size) 7=1021/0-3-8, 2=1116/0-3-8
 Max Horz 2=302(load case 5)
 Max Uplift 7=360(load case 4), 2=401(load case 5)

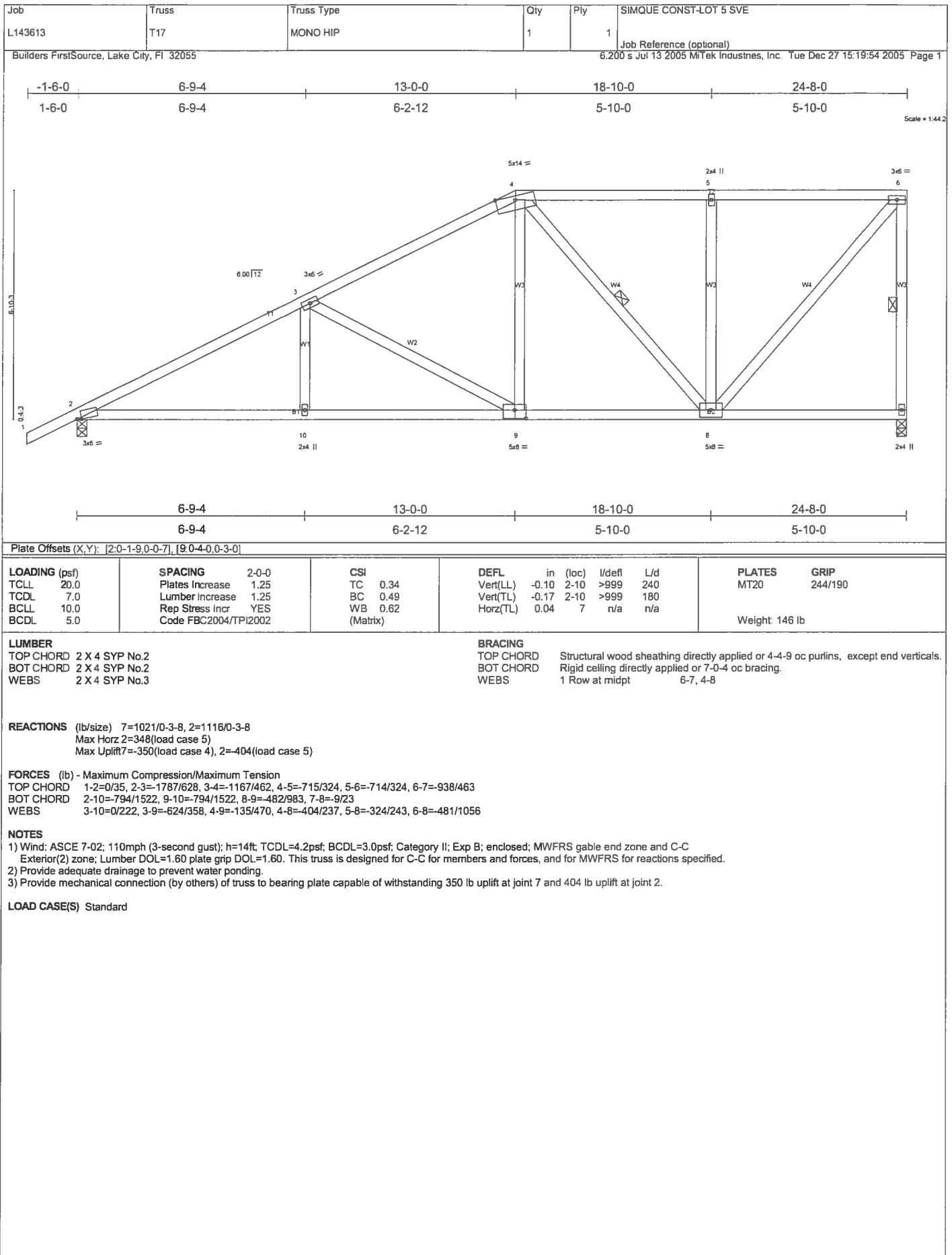
FORCES (lb) - Maximum Compression/Maximum Tension

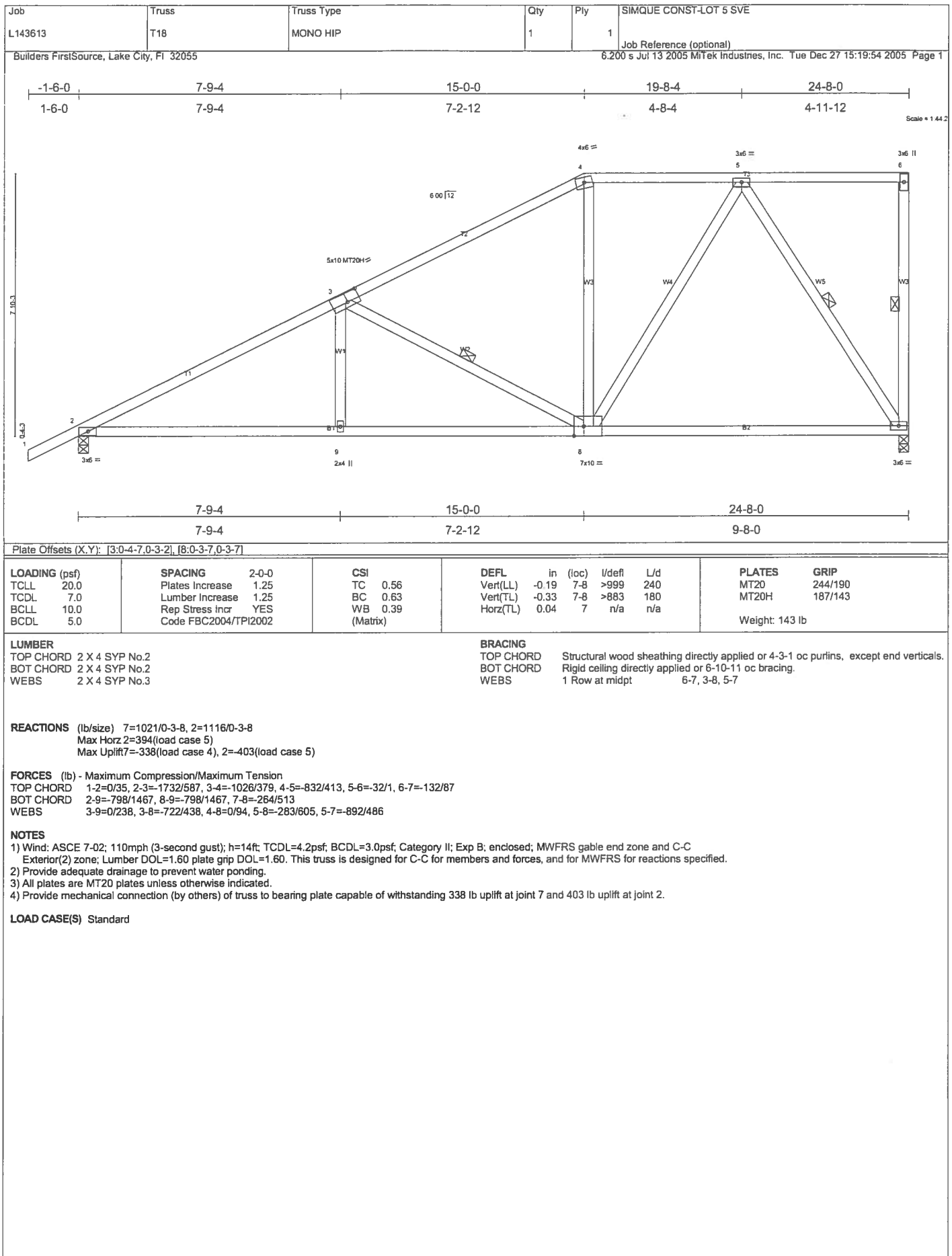
TOP CHORD 1-2=0/35, 2-3=-1698/682, 3-4=-1374/532, 4-5=-945/418, 5-6=-945/418, 6-7=-915/451
 BOT CHORD 2-9=-800/1477, 8-9=-538/1182, 7-8=-15/42
 WEBS 3-9=-349/301, 4-9=-88/469, 4-8=-306/154, 5-8=-392/283, 6-8=-524/1174

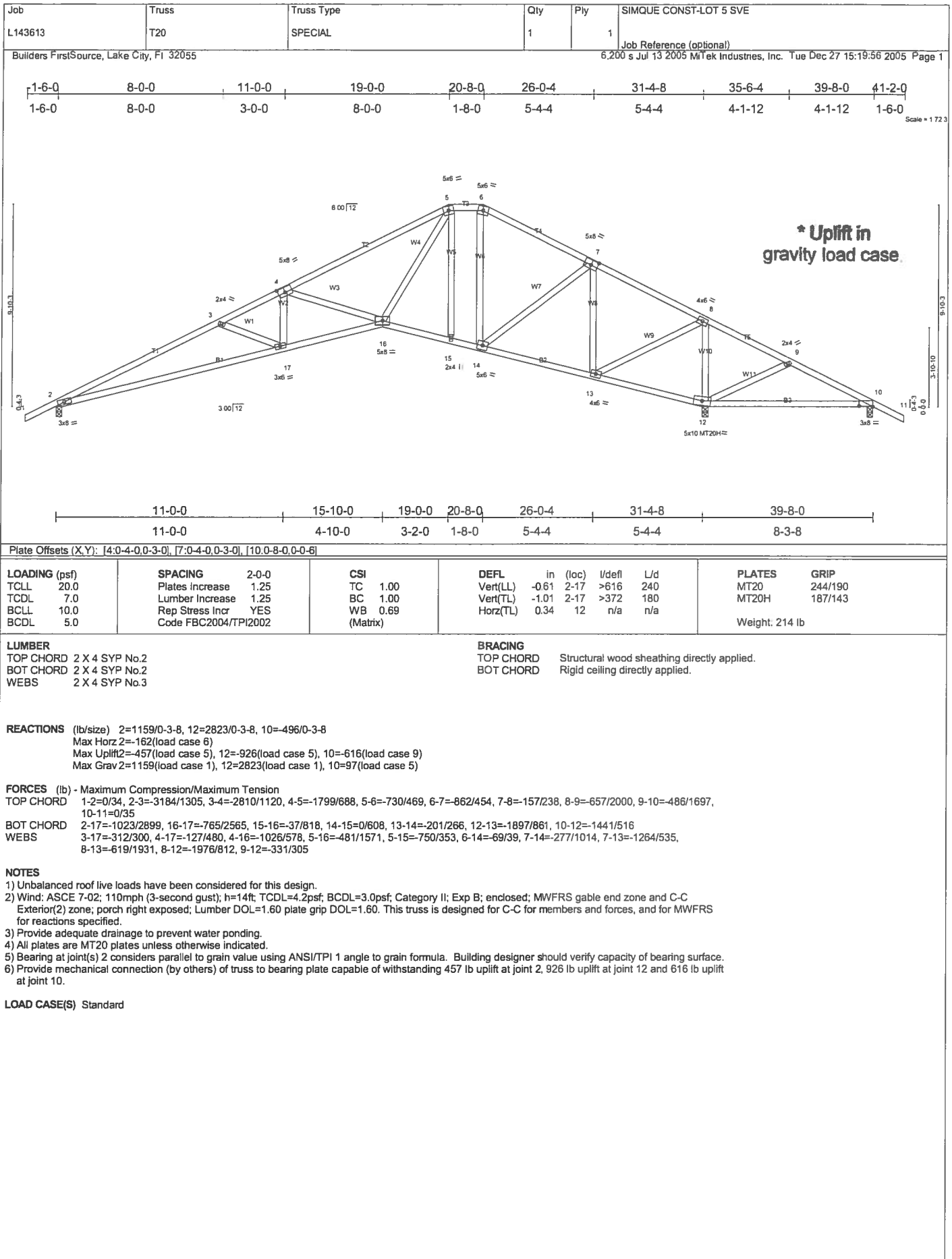
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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 plates are MT20 plates unless otherwise indicated.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 360 lb uplift at joint 7 and 401 lb uplift at joint 2.

LOAD CASE(S) Standard





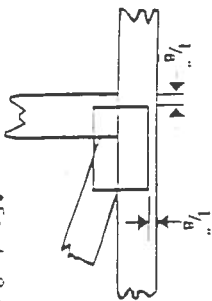


Symbols

PLATE LOCATION AND ORIENTATION



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



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



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

PLATE SIZE



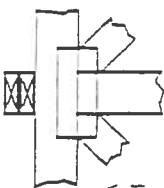
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



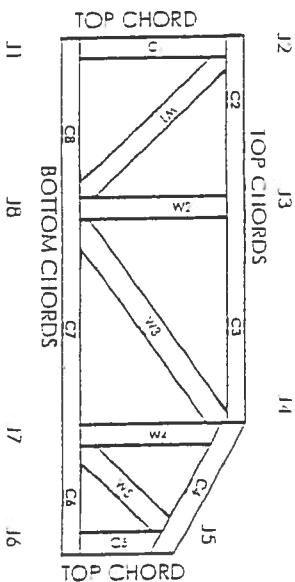
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System

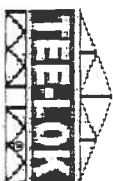


JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

BOCA	96.31, 96.67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/DIHR	960022-W, 970036-11
IER	561



Mitek Engineering Reference Sheet: MIT-7473

General Safety Notes

Failure to Follow Could Cause Properly Damage or Personal Injury

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

© 1993 Mitek Holdings, Inc.

Attn: webbie

**Columbia County Building Department
Culvert Waiver**

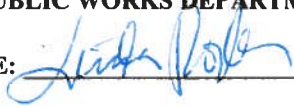
**Culvert Waiver No.
000001227**

DATE: 10/03/2006 BUILDING PERMIT NO. 25076
APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP CT LAKE CITY FL 32024
OWNER SKYLINE HOMES PHONE 755-1586
ADDRESS PENDING LAKE CITY FL 32055
CONTRACTOR AARON SIMQUE PHONE 487-1473
LOCATION OF PROPERTY 41N, TL ON SPARR LANE, TL ON EASEMENT 100 FT, 3RD LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SUWANNEE VALLEY EST 5

PARCEL ID # 22-2S-16-01721-005

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: 

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

✓ APPROVED NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: Grade needs to be where the water will drain down North Property Line

SIGNED: 

DATE: 10-20-06

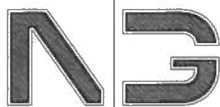
RECEIVED
OCT 1 11 2006

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

By:

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





**NICHOLAS
PAUL
GEISLER
ARCHITECT**
N.C.A.R.B. Certified

■ 1758 NW Brown Road
■ Lake City, FL 32055
■ 386/755-9021

21 NOVEMBER 2006

JOHNNY KEARSE, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: SKYLINE HOMES, LOT 5, BLK F, SUWANNEE VALLEY ESTATES
PERMIT Nr.: 25076

DEAR SIR:

PLEASE BE ADVISED OF THE FOLLOWING CHANGE TO THE CONSTRUCTION
DOCUMENTS FOR THE ABOVE REFERENCED PROJECT:

- I. IN LIEU OF THE "SEMCO" HDPT2 ANCHOR STRAPS AS INDICATED IN THE
DRAWINGS, IT IS PERMISSIBLE TO USE "SIMPSON" H10 ANCHOR STRAPS
AT ALL MAIN TRUSSES AND "SIMPSON" H2.5 ANCHOR CLIPS AT ALL HIP
JACK TRUSS TO WALL/BEAM LOCATIONS.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR
ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

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.

#25076

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Skylar Homes Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 41 North Spurr Lane
Bed lot on Easement

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 0 Inside 0 Type of Fill 0

Section 4: Treatment Information

Date(s) of Treatment(s) 11-20-06
Brand Name of Product(s) Used Bora-Bor
EPA Registration No. 64405-1
Approximate Final Mix Solution % 2%
Approximate Size of Treatment Area: Sq. ft. 2113 Linear ft. 770 Linear ft. of Masonry Voids 0
Approximate Total Gallons of Solution Applied 4
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 Treated all walls

Name of Applicator(s) Steve Brown Certification No. (if required by State law) _____

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 _____ Date _____

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

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 22-2S-16-01721-005

Building permit No. 000025076

Use Classification SFD, UTILITY

Fire: 50.22

Permit Holder AARON SIMQUE

Waste: 150.75

Owner of Building SKYLINE HOMES

Total: 200.97

Location: 218 NW MARBLE WAY(SUWANNEE VALLEY EST., LOT 5)

Date: 01/23/2007



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

JAN-08-2007 21:30

From:

To: 97322282

Page: 2/2

Attn: Joel
Phinney

25076

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1369 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 8/14/2007 DATE ISSUED: 1/9/2007

ENHANCED 9-1-1 ADDRESS:

218 NW MARBLE WAY

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

22-2S-16-01721-005

Remarks:

LOT 5 BLOCK F SUWANNEE VALLEY ESTATES S/O

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

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

573

Approved Address

JAN 09 2007

911Addressing/GIS Dept