DATE 01/12/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025403

APPLICANT TRENT GIEGEIG PHONE 397-0545

ADDRESS 697 SE HOLLY TERR LAKE CITY FL 32055

OWNER MARC VANN, JR. PHONE

ADDRESS 482 SW GERALD CONNER DRIVE LAKE CITY FL 32024

CONTRACTOR TRENT GIEGEIG PHONE 397-0545

LOCATION OF PROPERTY SISTERS WELCOME RD, TR ON KICKLIGHTER, TR ON GERALD CONNER DRIVE, 4TH LOT ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 80800.00

HEATED FLOOR AREA 1616.00 TOTAL AREA 2315.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 17

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

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

PARCEL ID 23-4S-16-03095-104 SUBDIVISION CANNON CREEK PLACE

LOT 4 BLOCK PHASE 2 UNIT TOTAL ACRES 0.51

000001296		RR28281153		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
CULVERT	06-1109-N	BK	JH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2434

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

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

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

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

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 405.00 CERTIFICATION FEE $ 11.58 SURCHARGE FEE $ 11.58

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 528.16

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

CK# 2434

Columbia County Building Permit Application

For Office Use Only Application # 0701-37 Date Received 1/9/07 By CT Permit # 12961 25403

Application Approved by - Zoning Official BLK Date 12.01.07 Plans Examiner OK JTH Date 1-11-07

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

Comments SITE PLAN ON PLANS 1ST Floor to be 1 ft above Rd.

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

Name Authorized Person Signing Permit Trent Gibbeis Phone 397-0545 Fax

Address 697 SE Holly Terrace

Owners Name Marc A. Vann Jr. Phone

911 Address 482 SW GERALD Conner Drive. LAKE City, FL. 32024

Contractors Name Trent Gibbeis Phone 397-0545

Address 697 SE Holly Terrace Lake City FL

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Freeman Design Group

Mortgage Lenders Name & Address Peoples State Bank 350 SW Main Blvd, Lutelth

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

Property ID Number 23-4S-16-03095-104 Estimated Cost of Construction 80,000

Subdivision Name Cannon Creek Place Lot 4 Block ___ Unit II Phase ___

Driving Directions Sisters Welcome South Right on Kicklighter Right into Cannon Creek Place Gerald Conner Drive org Right (4th)

Type of Construction Frame Number of Existing Dwellings on Property 0

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

Actual Distance of Structure from Property Lines - Front 25 ✓ Side 29 ✓ Side 31 ✓ Rear 98 ✓

Total Building Height 17'6" Number of Stories 1 Heated Floor Area 1616.2 TOTAL 2315 Roof Pitch 6/12

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

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

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

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number RR0282811523

Competency Card Number

NOTARY STAMP/SEAL

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 9th day of January 2007.

Personally known X or Produced Identification

Elaine C. Tolar

Notary Signature

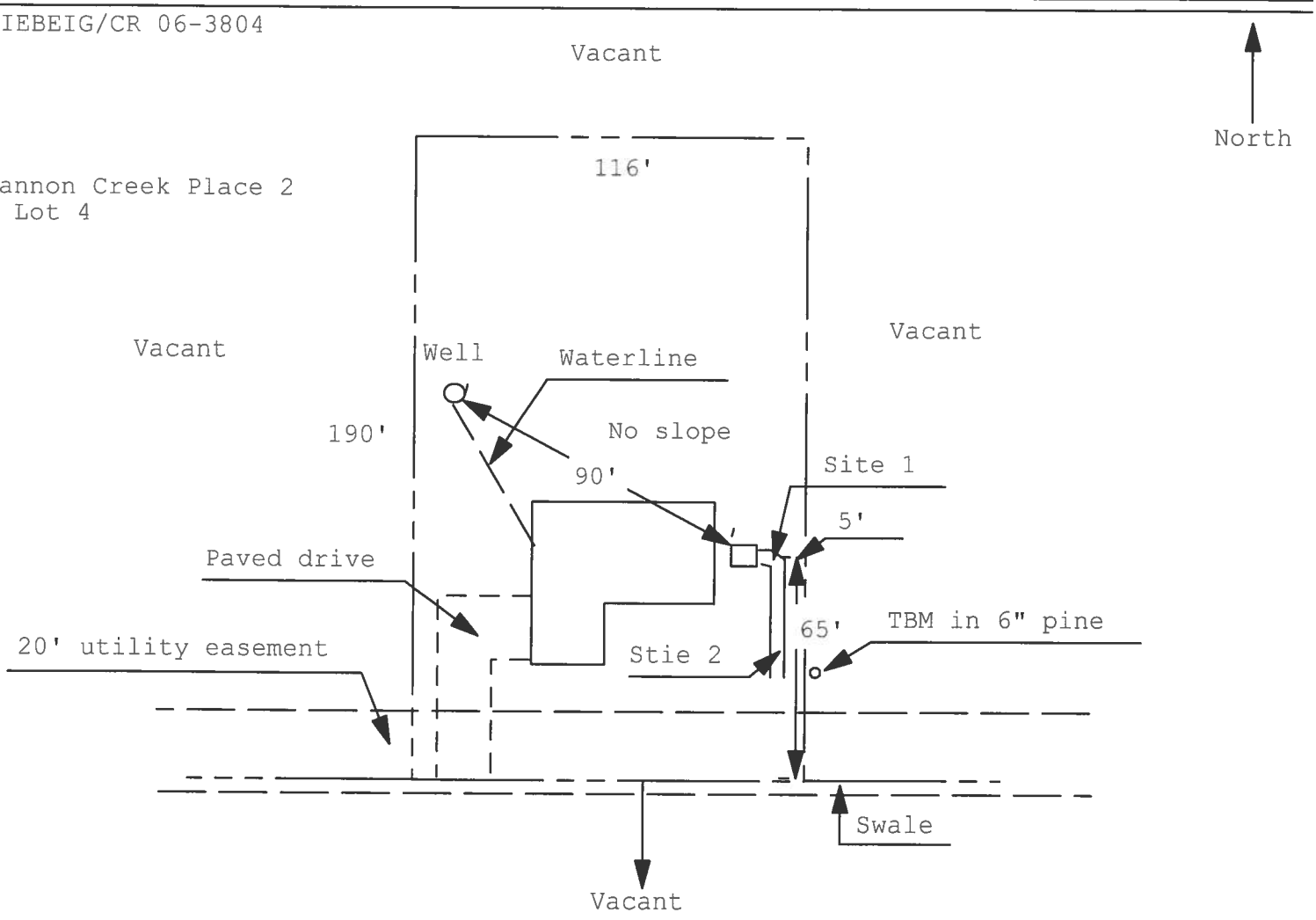
(Revised Sept. 2006)

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

Permit Application Number: 06-01109N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GIEBEIG/CR 06-3804



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd **Date** 12/8/06

Plan Approved X **Not Approved** **Date** 12/20/6

APPROVED Columbia CHD

By _____

Notes: _____

Inst:200602841 7 Date:12/14/2006 Time:13:35
DC,P.DeWitt Cason,Columbia County B:1104 P:2515

16191

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

Description of Property: Lot 4, of Cannon Creek Place Unit 2, a subdivision according to the plat thereof recorded in Plat Book 8, Pages 130-131, of the Public Records of Columbia County, Florida.

1. General Description of Improvement: Construction of Dwelling

2. Owner Information:
   Name and Address: Marc A. Vann, Jr. 617 NW Mansfield Drive, White Springs, FL 32096

   a. Interest in Property: Fee Simple

   b. Name and Address of Fee Simple titleholder (if other than Owner): SAME AS ITEM 3a ABOVE.

   Contractor (name and address): Trent Giebeig Construction, Inc., 697 SE Holly Terrace, Lake City, FL 32025

3. Surety:
   a. Name and Address: N/A

   b. Amount of Bond: N/A

6. Lender (Name and Address: Peoples State Bank
   350 SW Main Blvd
   Lake City, FL 332025

7. Persons within the State of Florida designated by Owner upon notices or other documents may be served as provided by 713.13(1)(a)(7), Florida Statutes:
   NONE

8. In addition to himself, the Owner designates the following person to receive a copy of the Lienor's Notice as provided in 713.13(1)(b), Florida Statutes (Name and Address):

   PEOPLES STATE BANK, 350 SW MAIN BLVD, LAKE CITY, FL 32025

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified): _____

Marc A. Vann, Jr.

Witness #1 Traci Landry

Witness #2 Doris M Drake

Sworn to and subscribed before me by the Owner (s) on this 13th day of December, 2006.

DORIS M DRAKE
MY COMMISSION # DD537517
EXPIRES: Apr. 5, 2010
(407) 398-0153 Florida Notary Service.com

Type Name:
Notary Public, State of Florida
COMMISSION EXPIRY/NUMBER:

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

STATE OF FLORIDA COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Gail Harden Deputy Clerk
Date

Personally Known _____
Produced Identification Drivers License
Did Take an Oath/Did Not Take an Oath _____

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

ATS# 16191

Inst:200602941S Date:12/14/2006 Time:13:35
Doc Stamp-Deed : 314.30
DC,P.DeWitt Cason,Columbia County B:1104 P:2500

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 13th day of December, 2006, Peter W. Giebeig, A Single Person, hereinafter called the grantor, to Marc A. Vann, Jr. whose post office address is: 617 NW Mansfield Drive, White Springs, FL 32096 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# PART OF R03095-004

Lot 4, of Cannon Creek Place Unit 2, a subdivision according to the plat thereof recorded in Plat Book 8, Pages 130-131, of the Public Records of Columbia County, Florida.

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.

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Cannon Creek Phase 2 Lot 4**	Builder:	**Giebeig, Trent**
Address:	**Lot: 4, Sub: Cannon Creek, Plat: Phase 2**	Permitting Office:	**Columbia**
City, State:	**Lake City, Fl**	Permit Number:	25403
Owner:	**Trent Giebeig**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		Yes	
6. Conditioned floor area (ft²)		1616 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	153.0 ft²	0.0 ft²	
b. Default tint	0.0 ft²	0.0 ft²	
c. Labeled U or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 151.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 1208.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1777.6 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 52.8 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 36.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 36.0 kBtu/hr	
	HSPF: 8.00	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 50.0 gallons	
	EF: 0.90	
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,	

Glass/Floor Area: 0.09

Total as-built points: 20641
Total base points: 25189

PASS

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

PREPARED BY: _____

DATE: 12/13/06

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

OWNER/AGENT: _____

DATE: _____

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

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 4, Sub: Cannon Creek, Plat: Phase 2, Lake City, Fl,** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	1616.0	20.04	5829.2	Single, Clear	W	1.5	6.0	30.0	43.84	0.91	1201.2
				Single, Clear	W	1.5	6.0	20.0	43.84	0.91	800.8
				Single, Clear	W	1.5	6.0	25.0	43.84	0.91	1001.0
				Single, Clear	E	1.5	6.0	40.0	47.92	0.91	1749.5
				Single, Clear	E	1.5	6.0	25.0	47.92	0.91	1093.5
				Single, Clear	S	1.5	2.0	5.0	40.81	0.57	115.4
				Single, Clear	S	1.5	5.0	8.0	40.81	0.81	263.4
				As-Built Total:				**153.0**			**6224.8**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	1208.0	1.50	1812.0
Exterior	1208.0	1.70	2053.6					
Base Total:	**1208.0**		**2053.6**	**As-Built Total:**		**1208.0**		**1812.0**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	0.0	0.00	0.0	Exterior Wood	27.9	6.10	170.1
Exterior	27.9	6.10	170.1				
Base Total:	**27.9**		**170.1**	**As-Built Total:**	**27.9**		**170.1**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	1616.0	1.73	2795.7	Under Attic	30.0	1777.6	1.73 X 1.00	3075.2
Base Total:	**1616.0**		**2795.7**	**As-Built Total:**		**1777.6**		**3075.2**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	151.0(p)	-37.0	-5587.0	Slab-On-Grade Edge Insulation	0.0	151.0(p	-41.20	-6221.2
Raised	0.0	0.00	0.0					
Base Total:			**-5587.0**	**As-Built Total:**		**151.0**		**-6221.2**

INFILTRATION	Area X	BSPM	= Points		Area X	SPM	= Points
	1616.0	10.21	16499.4		1616.0	10.21	16499.4

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 4, Sub: Cannon Creek, Plat: Phase 2, Lake City, Fl,** PERMIT #:

BASE			AS-BUILT						
Summer Base Points:		**21760.9**	**Summer As-Built Points:**						**21560.3**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
21760.9	**0.4266**	**9283.2**	21560.3 **21560.3**	1.000 **1.00**	(1.090 x 1.147 x 0.91) **1.138**	0.263 **0.263**	0.902 **0.902**	5812.0 **5812.0**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 4, Sub: Cannon Creek, Plat: Phase 2, Lake City, Fl,** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	1616.0	12.74	3705.8	Single, Clear	W	1.5	6.0	30.0	28.84	1.02	885.5
				Single, Clear	W	1.5	6.0	20.0	28.84	1.02	590.3
				Single, Clear	W	1.5	6.0	25.0	28.84	1.02	737.9
				Single, Clear	E	1.5	6.0	40.0	26.41	1.04	1093.8
				Single, Clear	E	1.5	6.0	25.0	26.41	1.04	683.7
				Single, Clear	S	1.5	2.0	5.0	20.24	2.27	229.3
				Single, Clear	S	1.5	5.0	8.0	20.24	1.20	193.9
				As-Built Total:				**153.0**			**4414.4**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1208.0	3.40		4107.2
Exterior	1208.0	3.70	4469.6								
Base Total:	**1208.0**		**4469.6**	**As-Built Total:**				**1208.0**			**4107.2**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	Exterior Wood				27.9	12.30		342.9
Exterior	27.9	12.30	342.9								
Base Total:	**27.9**		**342.9**	**As-Built Total:**				**27.9**			**342.9**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points
Under Attic	1616.0	2.05	3312.8	Under Attic			30.0	1777.6	2.05 X 1.00		3644.1
Base Total:	**1616.0**		**3312.8**	**As-Built Total:**				**1777.6**			**3644.1**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	151.0(p)	8.9	1343.9	Slab-On-Grade Edge Insulation			0.0	151.0(p	18.80		2838.8
Raised	0.0	0.00	0.0								
Base Total:			**1343.9**	**As-Built Total:**				**151.0**			**2838.8**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points
	1616.0	-0.59	-953.4					1616.0	-0.59		-953.4

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 4, Sub: Cannon Creek, Plat: Phase 2, Lake City, Fl,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**12221.6**	**Winter As-Built Points:**					**14394.0**
Total Winter Points	X System Multiplier	= Heating Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
12221.6	**0.6274**	**7667.8**	14394.0 **14394.0**	1.000 **1.00**	(1.069 x 1.169 x 0.93) **1.162**	0.426 **0.426**	0.950 **0.950**	6774.0 **6774.0**

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 4, Sub: Cannon Creek, Plat: Phase 2, Lake City, Fl,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2746.00	8238.0	50.0	0.90	3		1.00	2684.98	1.00	8054.9
				As-Built Total:							**8054.9**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
9283	**7668**	**8238**	**25189**	**5812**	**6774**	**8055**	**20641**

PASS

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 4, Sub: Cannon Creek, Plat: Phase 2, Lake City, Fl,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.6

The higher the score, the more efficient the home.

Trent Giebeig, Lot: 4, Sub: Cannon Creek, Plat: Phase 2, Lake City, Fl,

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		Yes	
6. Conditioned floor area (ft²)		1616 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear - single pane	153.0 ft²	0.0 ft²	
b. Clear - double pane	0.0 ft²	0.0 ft²	
c. Tint/other SHGC - single pane	0.0 ft²	0.0 ft²	
d. Tint/other SHGC - double pane			
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 151.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 1208.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1777.6 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 52.8 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 36.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 36.0 kBtu/hr	
	HSPF: 8.00	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 50.0 gallons	
	EF: 0.90	
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,	

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

Builder Signature: _____ Date: _____

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

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/488-7824.*

Residential System Sizing Calculation

Summary

Trent Giebeig

Lake City, Fl

Project Title:
Cannon Creek Phase 2 Lot 4

Code Only
Professional Version
Climate: North

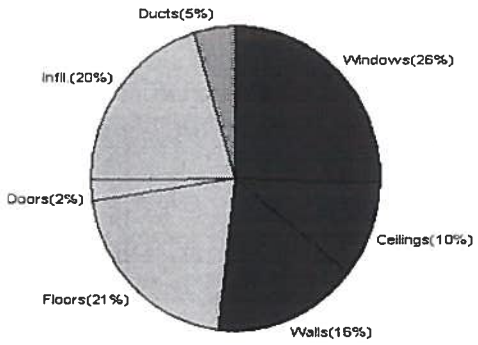
12/14/2006

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	98	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	23	F
Total heating load calculation	**22957**	**Btuh**	**Total cooling load calculation**	**23040**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	156.8	36000	Sensible (SHR = 0.5)	97.9	18000
Heat Pump + Auxiliary(0.0kW)	156.8	36000	Latent	386.6	18000
			Total (Electric Heat Pump)	156.3	36000

WINTER CALCULATIONS

Winter Heating Load (for 1616 sqft)

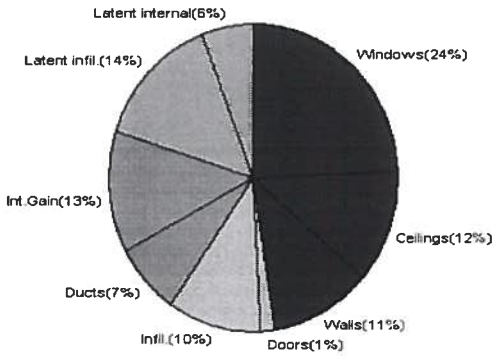
Load component			Load	
Window total	153	sqft	5906	Btuh
Wall total	1208	sqft	3745	Btuh
Door total	28	sqft	500	Btuh
Ceiling total	1778	sqft	2311	Btuh
Floor total	151	ft	4772	Btuh
Infiltration	108	cfm	4631	Btuh
Subtotal			**21864**	**Btuh**
Duct loss			1093	Btuh
TOTAL HEAT LOSS			**22957**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1616 sqft)

Load component			Load	
Window total	153	sqft	5622	Btuh
Wall total	1208	sqft	2585	Btuh
Door total	28	sqft	342	Btuh
Ceiling total	1778	sqft	2773	Btuh
Floor total			0	Btuh
Infiltration	94	cfm	2390	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			**16713**	**Btuh**
Duct gain			1671	Btuh
Total sensible gain			**18384**	**Btuh**
Latent gain(infiltration)			3276	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**4656**	**Btuh**
TOTAL HEAT GAIN			**23040**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: [signature]

DATE: 12/13/06

System Sizing Calculations - Winter

Residential Load - Component Details

Trent Giebeig

Lake City, Fl

Project Title:
Cannon Creek Phase 2 Lot 4

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

12/14/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	1, Clear, Wood, DEF	N	30.0	38.6	1158 Btuh
2	1, Clear, Wood, DEF	N	20.0	38.6	772 Btuh
3	1, Clear, Wood, DEF	N	25.0	38.6	965 Btuh
4	1, Clear, Wood, DEF	S	40.0	38.6	1544 Btuh
5	1, Clear, Wood, DEF	S	25.0	38.6	965 Btuh
6	1, Clear, Wood, DEF	W	5.0	38.6	193 Btuh
7	1, Clear, Wood, DEF	W	8.0	38.6	309 Btuh
	Window Total		153		5906 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1208	3.1	3745 Btuh
	Wall Total		1208		3745 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		28	17.9	500 Btuh
	Door Total		28		500Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1778	1.3	2311 Btuh
	Ceiling Total		1778		2311Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	151.0 ft(p)	31.6	4772 Btuh
	Floor Total		151		4772 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	16160(sqft)	108	4631 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			108	4631 Btuh

Totals for Heating	**Subtotal**	**21864 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1093 Btuh**
	Total Btuh Loss	**22957 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)

System Sizing Calculations - Summer

Residential Load - Component Details

Trent Giebeig

Lake City, Fl

Project Title:
Cannon Creek Phase 2 Lot 4

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 12/14/2006

Window	Type Panes/SHGC/U/InSh/ExSh Ornt	Overhang Len	 Hgt	Window Area(sqft) Gross	 Shaded	 Unshaded	HTM Shaded	 Unshaded	Load
1	1, Clear, DEF, N, N N	1.5	6	30.0	0.0	30.0	33	33	990 Btuh
2	1, Clear, DEF, N, N N	1.5	6	20.0	0.0	20.0	33	33	660 Btuh
3	1, Clear, DEF, N, N N	1.5	6	25.0	0.0	25.0	33	33	825 Btuh
4	1, Clear, DEF, N, N S	1.5	6	40.0	40.0	0.0	33	50	1320 Btuh
5	1, Clear, DEF, N, N S	1.5	6	25.0	25.0	0.0	33	50	825 Btuh
6	1, Clear, DEF, N, N W	1.5	2	5.0	3.1	1.9	33	91	274 Btuh
7	1, Clear, DEF, N, N W	1.5	5	8.0	0.0	8.0	33	91	728 Btuh
	Window Total			153					5622 Btuh

Walls	Type	R-Value	Area	HTM	Load
1	Frame - Exterior	13.0	1208.0	2.1	2585 Btuh
	Wall Total		1208.0		2585 Btuh

Doors	Type	Area	HTM	Load
1	Wood - Exter	27.9	12.3	342 Btuh
	Door Total	27.9		342 Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load
1	Under Attic/Dark	30.0	1777.6	1.6	2773 Btuh
	Ceiling Total		1777.6		2773 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab-On-Grade Edge Insulation	0.0	151.0 ft(p)	0.0	0 Btuh
	Floor Total		151.0		0 Btuh

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.35	16160	94.5	2390 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			94	2390 Btuh

Internal gain		Occupants		Btuh/occupant		Appliance	Load
		6	X	300	+	1200	3000 Btuh

Totals for Cooling	**Subtotal**	**16713 Btuh**
	Duct gain(using duct multiplier of 0.10)	**1671 Btuh**
	Total sensible gain	**18384 Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**3276 Btuh**
	Latent occupant gain (6 people @ 230 Btuh per person)	**1380 Btuh**
	Latent other gain	**0 Btuh**
	TOTAL GAIN	**23040 Btuh**

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001296

DATE 01/12/2007 PARCEL ID # 23-4S-16-03095-104

APPLICANT TRENT GIEBEIG PHONE 397-0545

ADDRESS 697 SE HOLLY TERR LAKE CITY FL 32055

OWNER MARC VANN, JR PHONE

ADDRESS 482 SW GERALD CONNER DRIVE LAKE CITY FL 32024

CONTRACTOR TRENT GIEBEIG PHONE 397-0545

LOCATION OF PROPERTY SISTERS WELCOME RD, TR ON KICKLIGHTER, TR ON GERALD CONNER DR, 4TH LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CANNON CREEK PLACE 4

SIGNATURE

INSTALLATION REQUIREMENTS

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

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

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

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

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

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

Project Information for:	L221409		
Builder:	GIEBEIG	Date:	12/27/2006
Lot:	LOT 4 CANNON CREEK	Start Number:	**1372**
Subdivision:	N/A	SEI Ref:	L221409
County or City:	COLUMBIA COUNTY		
Truss Page Count:	32		

Truss Design Load Information (UNO) Design Program: MiTek

Gravity		**Wind**		**Building Code:**	**FBC2004**
Roof (psf):	**42**	Wind Standard:	**ASCE 7-02**		
Floor (psf):	55	Wind Speed (mph):	**110**		

Note: See individual truss drawings for special loading conditions

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

GIEBEIG, BRIAN T. RR282811523
Address: 462 SW FAIRLINGTON CT
LAKE CITY, FL 32025 Designer: 51

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

Notes:

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

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	1227061372	12/27/2006				
2	CJ3	1227061373	12/27/2006				
3	CJ5	1227061374	12/27/2006				
4	EJ3	1227061375	12/27/2006				
5	EJ7	1227061376	12/27/2006				
6	HJ4	1227061377	12/27/2006				
7	HJ9	1227061378	12/27/2006				
8	T01	1227061379	12/27/2006				
9	T02	1227061380	12/27/2006				
10	T03	1227061381	12/27/2006				
11	T04	1227061382	12/27/2006				
12	T05	1227061383	12/27/2006				
13	T06	1227061384	12/27/2006				
14	T07	1227061385	12/27/2006				
15	T08	1227061386	12/27/2006				
16	T09	1227061387	12/27/2006				
17	T10	1227061388	12/27/2006				
18	T11	1227061389	12/27/2006				
19	T12	1227061390	12/27/2006				
20	T13	1227061391	12/27/2006				
21	T14	1227061392	12/27/2006				
22	T15	1227061393	12/27/2006				
23	T16	1227061394	12/27/2006				
24	T17	1227061395	12/27/2006				
25	T18	1227061396	12/27/2006				
26	T19	1227061397	12/27/2006				
27	T20	1227061398	12/27/2006				
28	T21	1227061399	12/27/2006				
29	T22	1227061400	12/27/2006				
30	T23	1227061401	12/27/2006				
31	T24	1227061402	12/27/2006				
32	T25	1227061403	12/27/2006				

DEC 27 2006

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Licensee Details

Licensee Information

Name:	**GIEBEIG, BRIAN TRENT** (Primary Name)
	TRENT GIEBEIG CONSTRUCTION INC (DBA Name)
Main Address:	**462 SW FAIRLINGTON CT**
	LAKE CITY Florida 32025
County:	**COLUMBIA**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Registered Residential Contractor**
Rank:	**Reg Residential**
License Number:	**RR282811523**
Status:	**Current,Active**
Licensure Date:	**06/06/2006**
Expires:	**08/31/2007**

Special Qualifications	Qualification Effective
QB Lic Required	**06/06/2006**

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DECEMBER 27, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
[illegible] STE B, LUTZ, FL 33549

LATERAL TOE-NAIL DETAIL

ST-TOENAIL

MiTek Industries, Chesterfield, MO

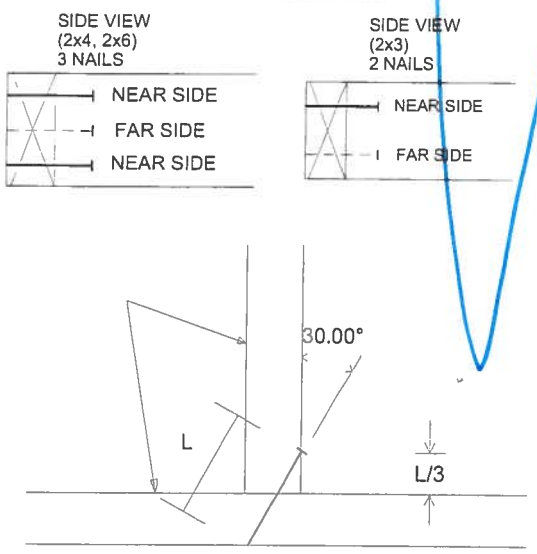
NOTES:
1. TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF 30 DEGREES WITH THE MEMBER AND STARTED 1/3 THE LENGTH OF THE NAIL FROM THE MEMBER END AS SHOWN.
2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.
3. ALLOWABLE VALUE SHALL BE THE LESSER VALUE OF THE BOTTOM CHORD SPECIES FOR MEMBERS OF DIFFERENT SPECIES.

TOE-NAIL SINGLE SHEAR VALUES PER NDS 2001 (lb/nail)

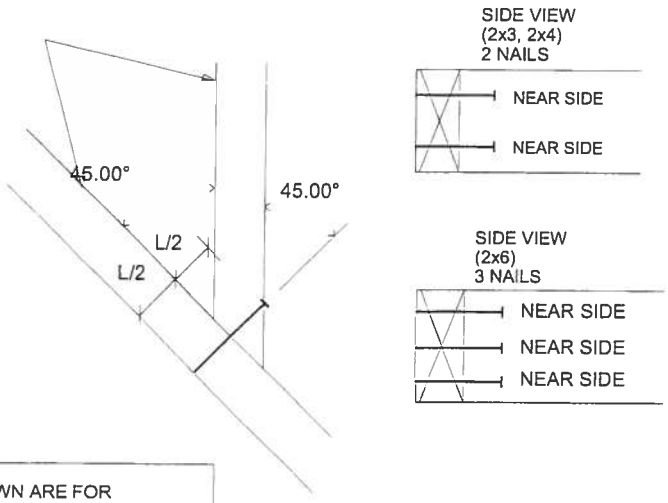
	DIAM.	SYP
3.5" LONG	.131	83.3
	.135	89.6
	.162	118.3
3.25" LONG	.128	80.5
	.131	83.3
	.148	102.1
3.0" LONG	.120	70.5
	.128	80.5
	.131	83.3
	.148	102.1

VALUES SHOWN ARE CAPACITY PER TOE-NAIL.
APPLICABLE DURATION OF LOAD INCREASES MAY BE APPLIED.

SQUARE CUT



45 DEGREE ANGLE BEVEL CUT



VIEWS SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY

This detail may only be applied to Pre-engineered truss drawings signed and sealed by Structural Engineering and Inspections Inc.

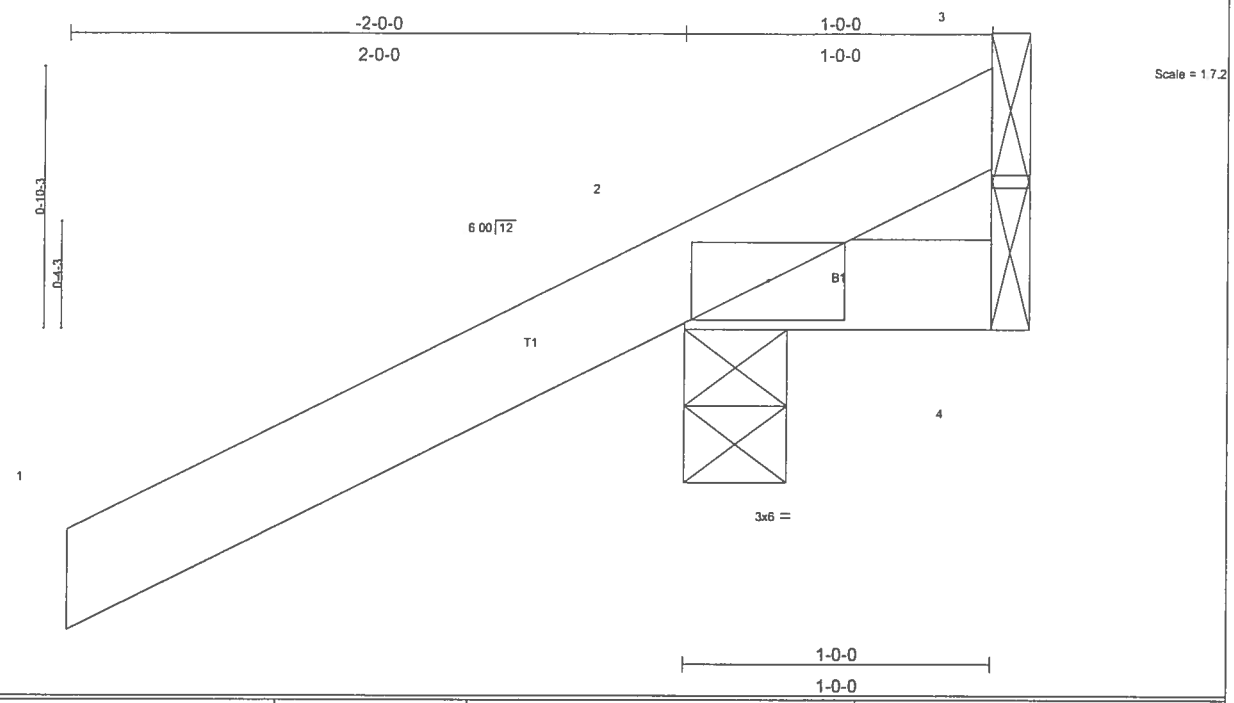
DEC 27 2006

The seal on this drawing indicates acceptance of professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any particular building design is the responsibility of the building designer.

Dwg.#1227061372

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	CJ1	JACK	18	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:40 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.00	2	>999	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: 7 lb	

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

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

REACTIONS (lb/size) 2=267/0-4-0, 4=14/Mechanical, 3=-91/Mechanical
Max Horz 2=87(load case 5)
Max Uplift2=-287(load case 5), 4=-9(load case 3), 3=-91(load case 1)
Max Grav 2=267(load case 1), 4=14(load case 1), 3=128(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-69/76
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 287 lb uplift at joint 2, 9 lb uplift at joint 4 and 91 lb uplift at joint 3.

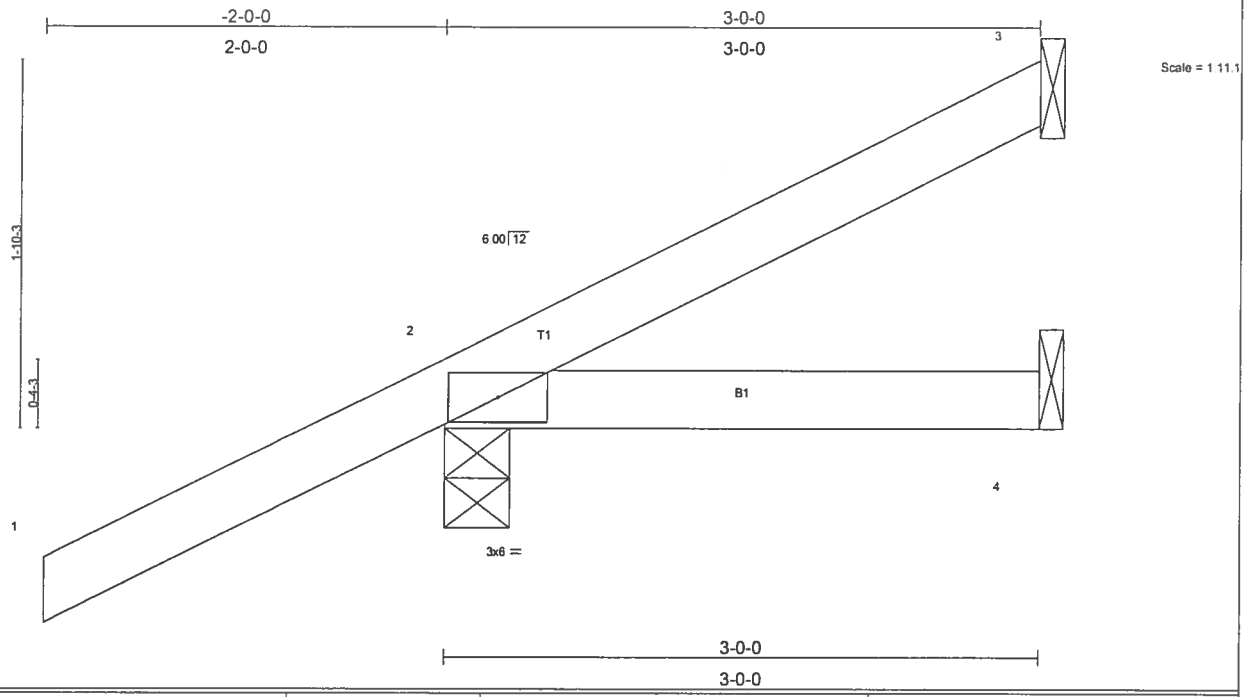
LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061373

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	CJ3	JACK	14	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:40 2006 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	0.30	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 lb	

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

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

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift3=-27(load case 6), 2=-240(load case 5), 4=-26(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-58/7
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 27 lb uplift at joint 3, 240 lb uplift at joint 2 and 26 lb uplift at joint 4.

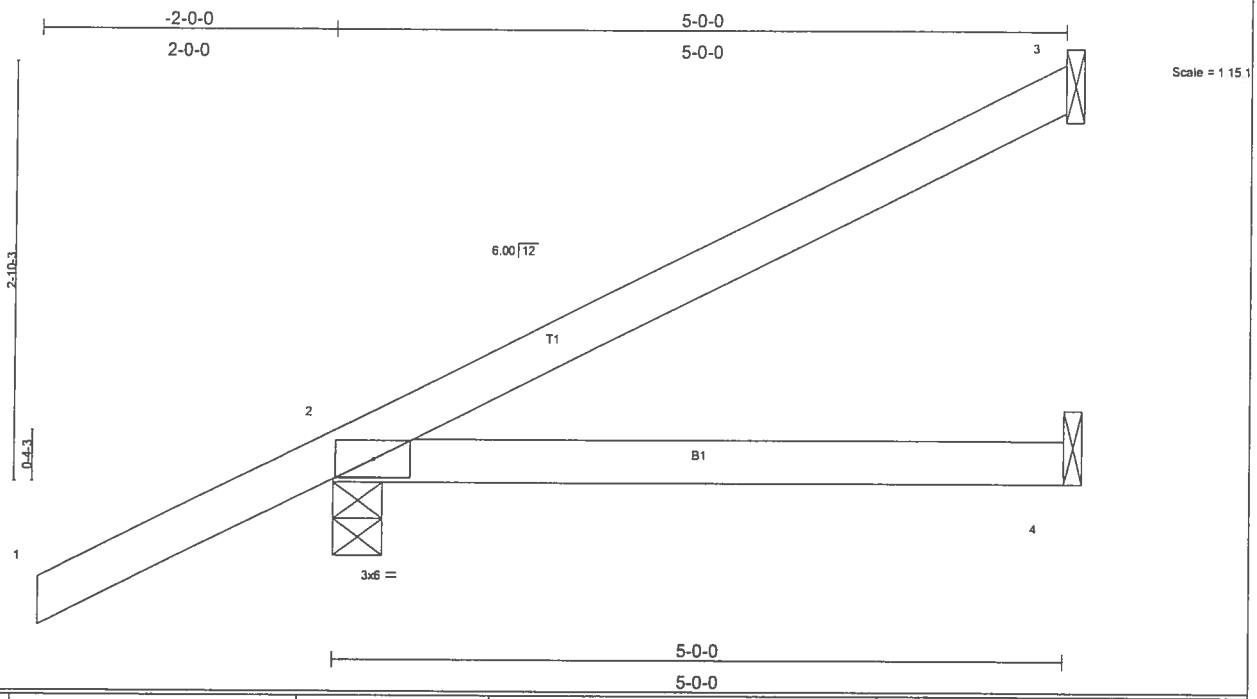
LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061374

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	CJ5	JACK	14	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:41 2006 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	0.30	Vert(LL)	0.09	2-4	>671	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	0.07	2-4	>784	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: 19 lb	

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

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

REACTIONS (lb/size) 3=102/Mechanical, 2=344/0-4-0, 4=72/Mechanical
Max Horz 2=178(load case 5)
Max Uplift3=-86(load case 5), 2=-261(load case 5), 4=-46(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-87/36
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 86 lb uplift at joint 3, 261 lb uplift at joint 2 and 46 lb uplift at joint 4.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061375

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	EJ3	JACK	3	1	Job Reference (optional)

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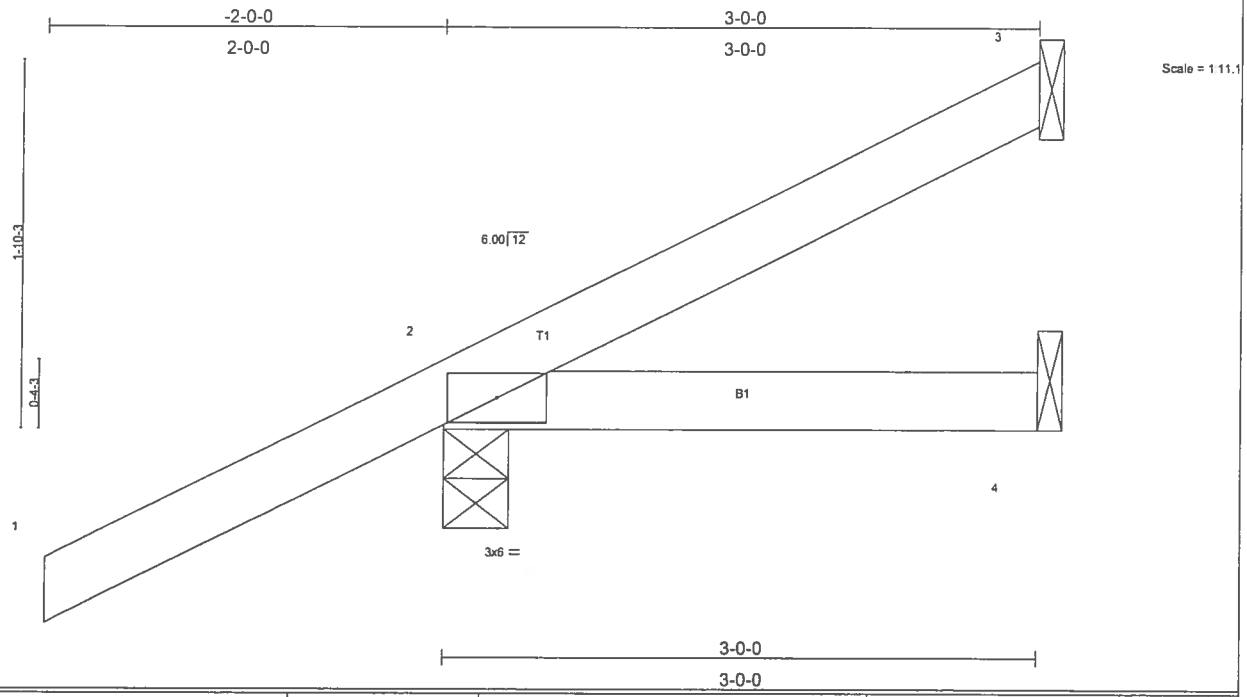

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 lb	

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

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

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift3=-27(load case 6), 2=-240(load case 5), 4=-26(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-58/7
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 27 lb uplift at joint 3, 240 lb uplift at joint 2 and 26 lb uplift at joint 4.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061376

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	EJ7	JACK	27	1	Job Reference (optional)

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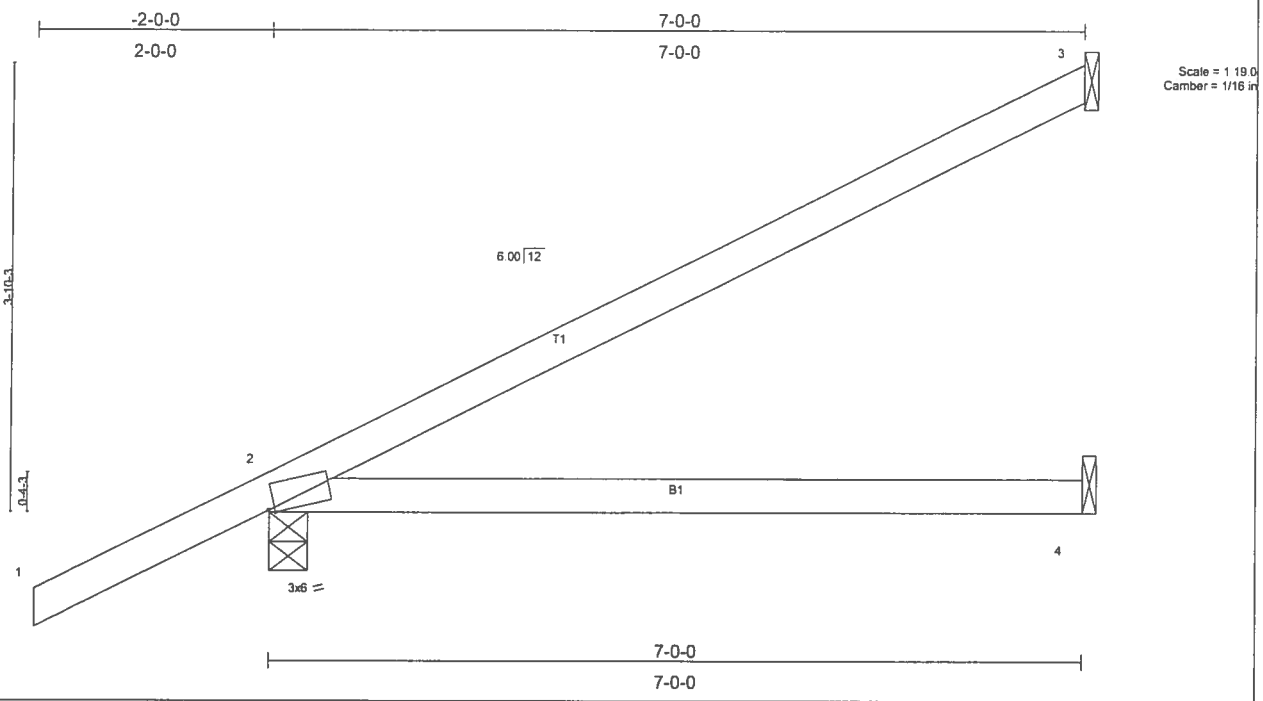

Plate Offsets (X,Y): [2:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	0.26	2-4	>309	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	0.21	2-4	>379	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: 26 lb	

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

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

REACTIONS (lb/size) 3=162/Mechanical, 2=420/0-4-0, 4=104/Mechanical
Max Horz 2=224(load case 5)
Max Uplift3=-143(load case 5), 2=-296(load case 5), 4=-67(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-94/58
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) 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 143 lb uplift at joint 3, 296 lb uplift at joint 2 and 67 lb uplift at joint 4.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061377

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	HJ4	JACK	2	1	Job Reference (optional)

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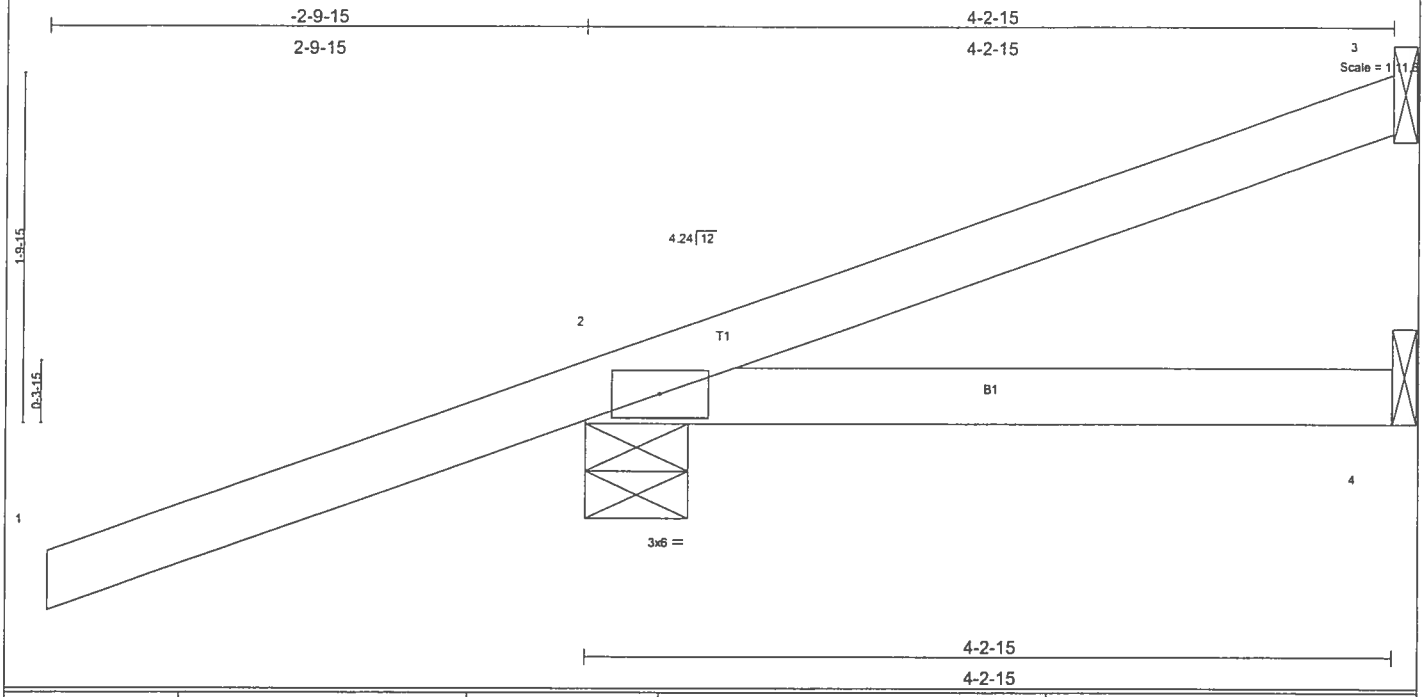

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	0.02	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

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

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

REACTIONS (lb/size) 3=11/Mechanical, 2=296/0-6-7, 4=42/Mechanical
Max Horz 2=98(load case 2)
Max Uplift3=-5(load case 5), 2=-309(load case 2), 4=-41(load case 2)
Max Grav 3=34(load case 6), 2=296(load case 1), 4=42(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/50, 2-3=-39/11
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 5 lb uplift at joint 3, 309 lb uplift at joint 2 and 41 lb uplift at joint 4.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-4(F=25, B=25)-to-3=-57(F=-2, B=-2), 2=0(F=15, B=15)-to-4=-32(F=-1, B=-1)

DECEMBER 27, 2006 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

Dwg.#1227061378

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	HJ9	MONO TRUSS	7	1	Job Reference (optional)

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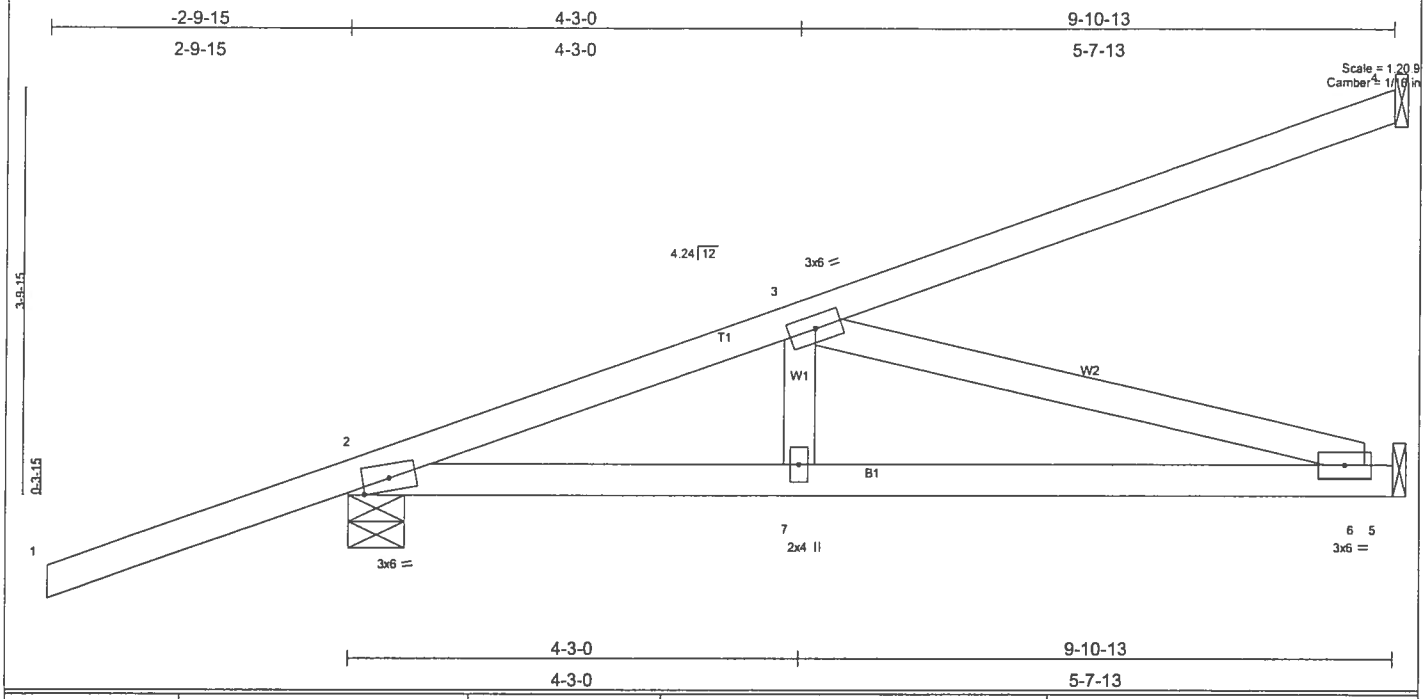

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.61	Vert(LL)	-0.10	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.16	6-7	>696	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.46	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 45 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-0-1 oc bracing.

REACTIONS (lb/size) 4=269/Mechanical, 2=537/0-6-6, 5=373/Mechanical
Max Horz 2=269(load case 2)
Max Uplift4=-233(load case 2), 2=-404(load case 2), 5=-180(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/50, 2-3=-872/354, 3-4=-105/65
BOT CHORD 2-7=-527/806, 6-7=-527/806, 5-6=0/0
WEBS 3-7=-88/175, 3-6=-838/548

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 233 lb uplift at joint 4, 404 lb uplift at joint 2 and 180 lb uplift at joint 5.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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

DECEMBER 27, 2006 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

Dwg.#1227061379

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T01	HIP	1	1	Job Reference (optional)

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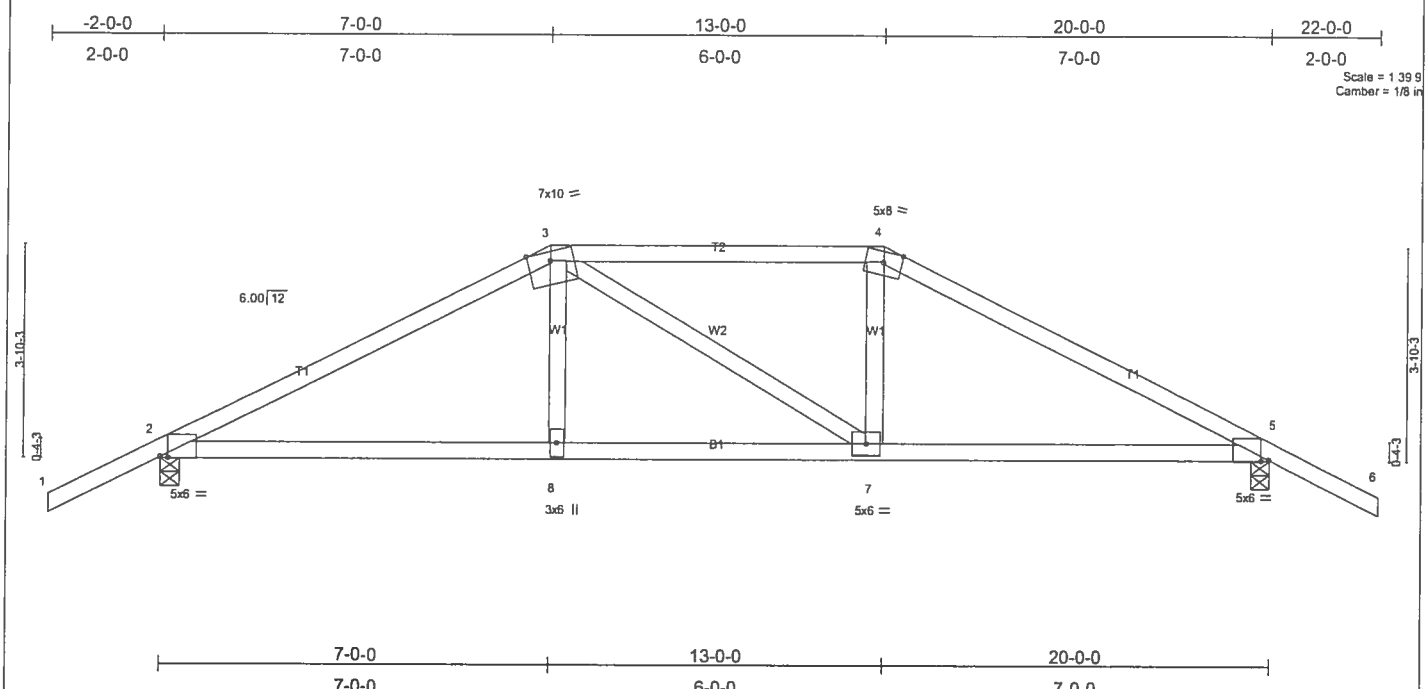

Plate Offsets (X,Y): [2:0-1-11,Edge], [5:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	-0.17	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.73	Vert(TL)	-0.27	7-8	>876	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.09	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 88 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 3-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-10 oc bracing.

REACTIONS (lb/size) 2=1771/0-4-0, 5=1771/0-4-0
Max Horz 2=87(load case 4)
Max Uplift2=-806(load case 4), 5=-806(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3132/1267, 3-4=-2753/1206, 4-5=-3134/1267, 5-6=0/47
BOT CHORD 2-8=-1068/2717, 7-8=-1077/2751, 5-7=-1027/2718
WEBS 3-8=-220/848, 3-7=-122/126, 4-7=-241/899

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 806 lb uplift at joint 2 and 806 lb uplift at joint 5.
5) Girder carries hip end with 7-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 13-0-0, and 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.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-117(F=-63), 4-6=-54, 2-8=-30, 7-8=-65(F=-35), 5-7=-30
Concentrated Loads (lb)
Vert: 8=-539(F) 7=-539(F)

DECEMBER 27, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#1227061380

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T02	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:45 2006 Page 1

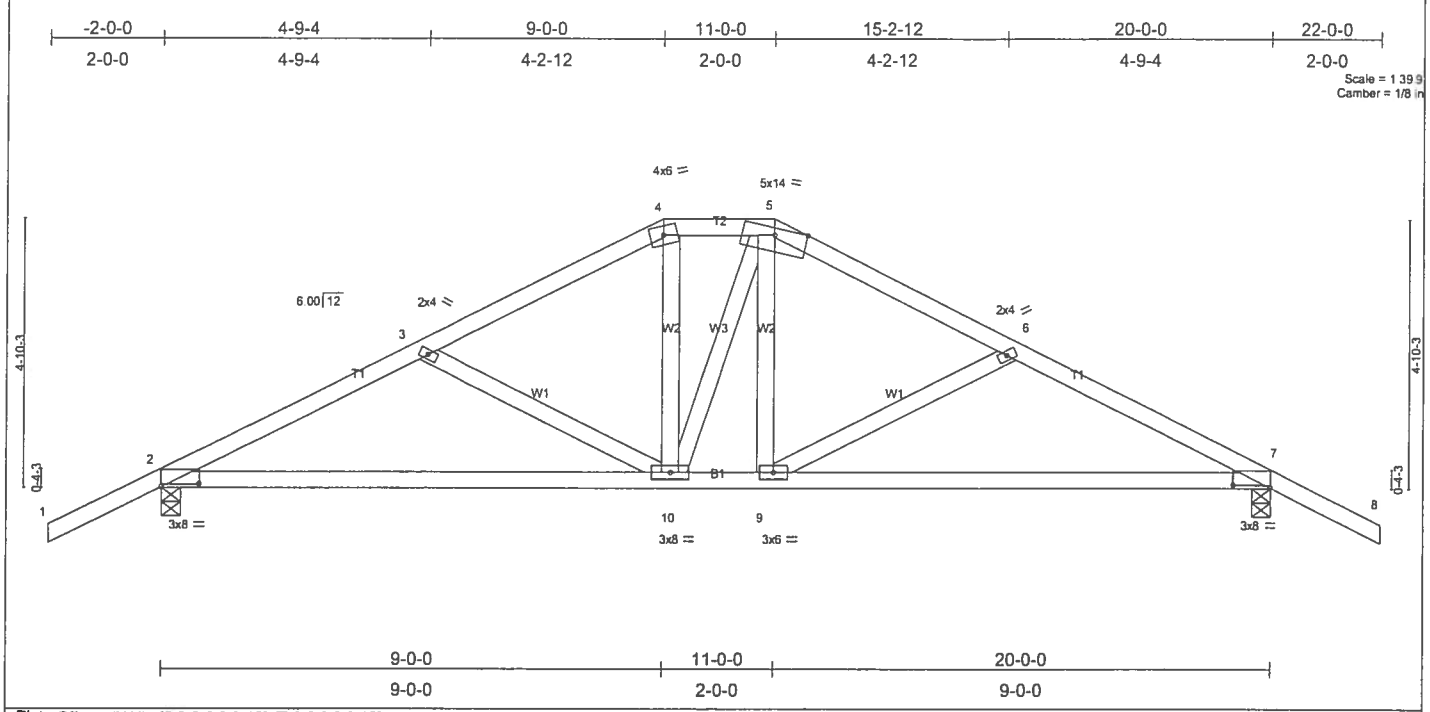


Plate Offsets (X,Y): [2:0-8-0,0-0-10], [7:0-8-0,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.15	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.26	7-9	>903	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.13	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 103 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-2-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=943/0-4-0, 7=943/0-4-0
Max Horz 2=-101(load case 6)
Max Uplift2=-390(load case 5), 7=-390(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1323/411, 3-4=-1062/310, 4-5=-907/319, 5-6=-1061/309, 6-7=-1323/412, 7-8=0/47
BOT CHORD 2-10=-332/1143, 9-10=-134/904, 7-9=-258/1143
WEBS 3-10=-280/207, 4-10=-75/306, 5-10=-98/109, 5-9=-48/287, 6-9=-282/208

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 390 lb uplift at joint 2 and 390 lb uplift at joint 7.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061381

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T03	COMMON	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:46 2006 Page 1

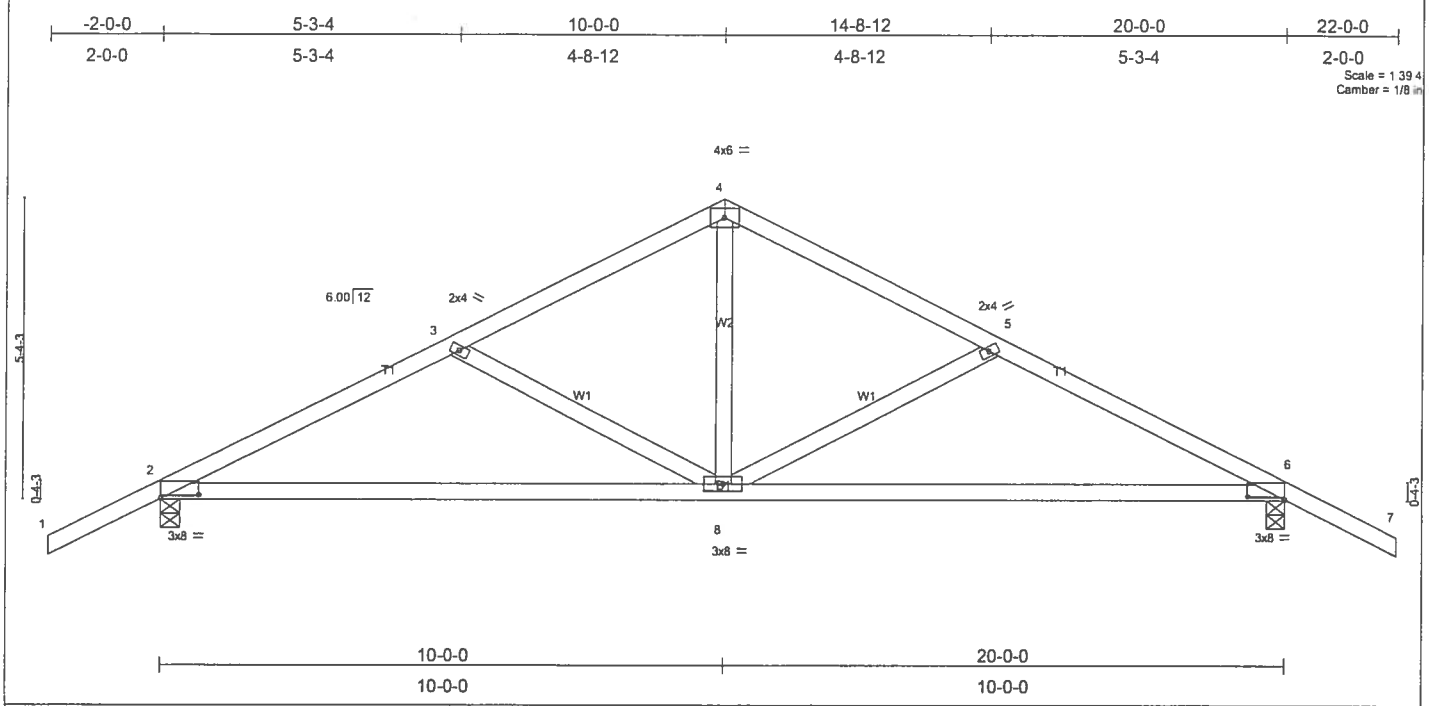


Plate Offsets (X,Y): [2:0-8-0,0-0-10], [6:0-8-0,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.17	2-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.30	2-8	>797	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.19	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 93 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-1-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=943/0-4-0, 6=943/0-4-0
Max Horz 2=-108(load case 6)
Max Uplift2=-396(load case 5), 6=-396(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1302/419, 3-4=-1018/319, 4-5=-1018/319, 5-6=-1302/419, 6-7=0/47
BOT CHORD 2-8=-341/1121, 6-8=-262/1121
WEBS 3-8=-322/235, 4-8=-111/604, 5-8=-322/236

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; 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 396 lb uplift at joint 2 and 396 lb uplift at joint 6.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061382

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T04	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:47 2006 Page 1

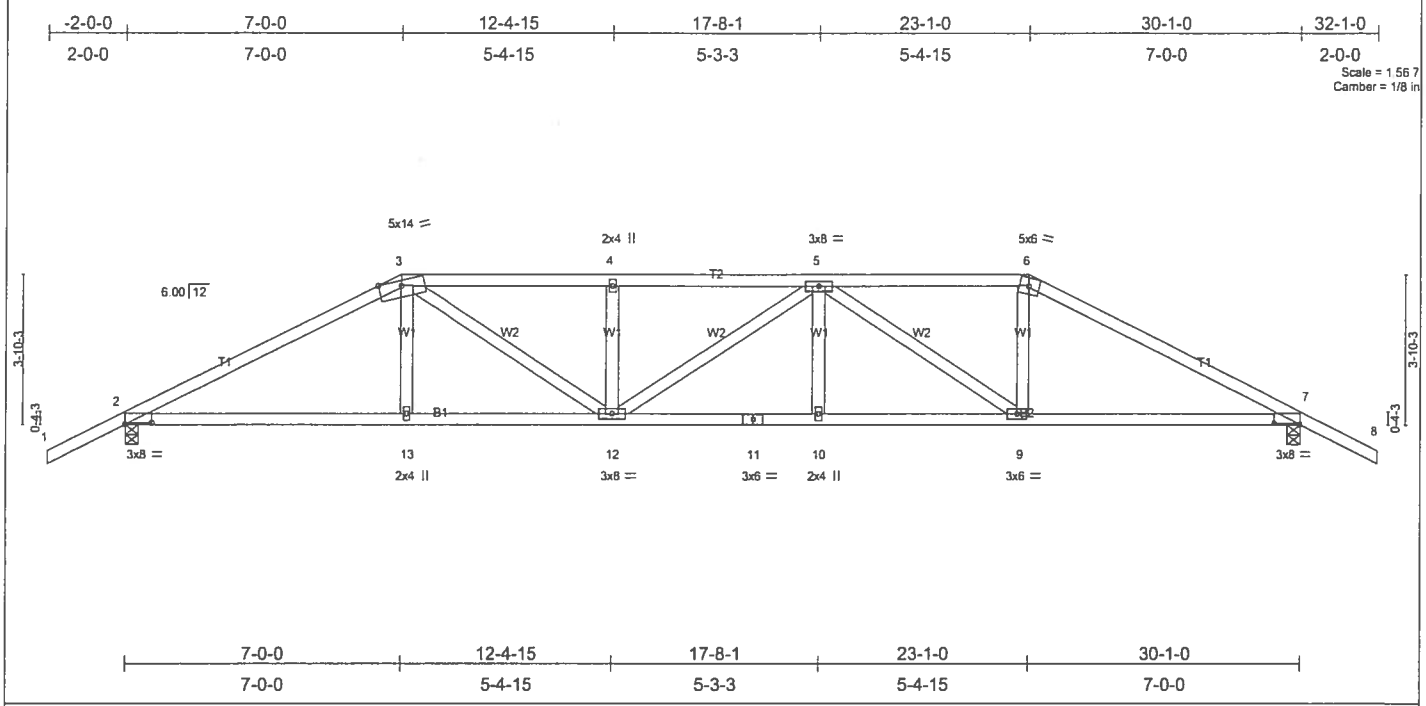


Plate Offsets (X,Y): [2:0-8-0,0-0-6], [7:0-8-0,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.21	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.71	Vert(TL)	-0.34	10-12	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.58	Horz(TL)	0.10	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 145 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-3-12 oc bracing.

REACTIONS (lb/size) 2=1366/0-4-0, 7=1366/0-4-0
Max Horz 2=87(load case 4)
Max Uplift2=-470(load case 4), 7=-470(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2224/651, 3-4=-2537/840, 4-5=-2537/840, 5-6=-1929/621, 6-7=-2224/650, 7-8=0/47
BOT CHORD 2-13=-537/1903, 12-13=-536/1912, 11-12=-745/2537, 10-11=-745/2537, 9-10=-745/2537, 7-9=-496/1903
WEBS 3-13=0/213, 3-12=-358/846, 4-12=-295/212, 5-12=-38/38, 5-10=0/148, 5-9=-831/353, 6-9=-150/666

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 470 lb uplift at joint 2 and 470 lb uplift at joint 7.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061383

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T05	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:48 2006 Page 1

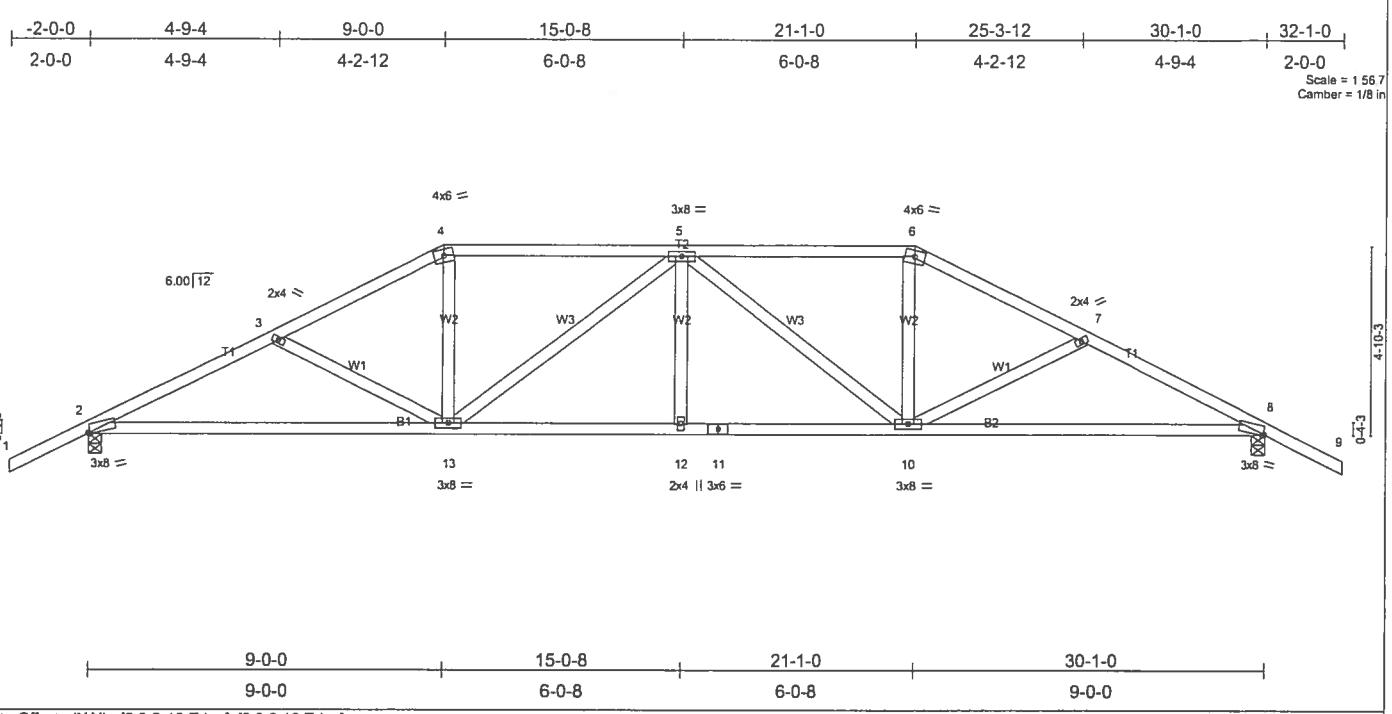


Plate Offsets (X,Y): [2:0-0-10,Edge], [8:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.20	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.67	Vert(TL)	-0.33	8-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.10	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 154 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-8-2 oc bracing.

REACTIONS (lb/size) 2=1366/0-4-0, 8=1366/0-4-0
Max Horz 2=101(load case 5)
Max Uplift2=-489(load case 5), 8=-489(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2218/621, 3-4=-1991/547, 4-5=-1756/531, 5-6=-1756/531, 6-7=-1991/547, 7-8=-2218/622, 8-9=0/47
BOT CHORD 2-13=-516/1931, 12-13=-523/2056, 11-12=-523/2056, 10-11=-523/2056, 8-10=-437/1931
WEBS 3-13=-223/192, 4-13=-84/582, 5-13=-470/222, 5-12=0/130, 5-10=-470/222, 6-10=-84/582, 7-10=-223/192

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 489 lb uplift at joint 2 and 489 lb uplift at joint 8.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061384

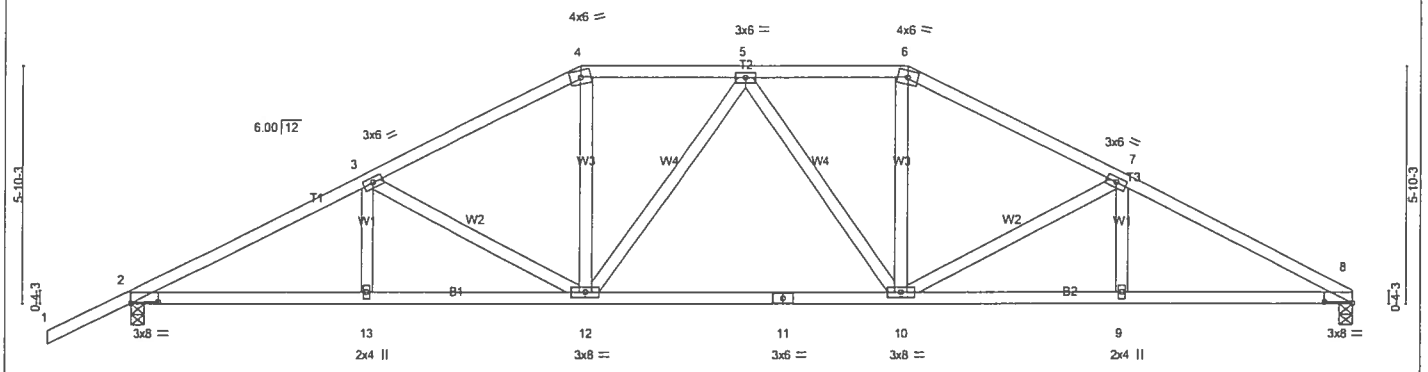
Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T06	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:49 2006 Page 1

-2-0-0 | 5-9-4 | 11-0-0 | 15-0-8 | 19-1-0 | 24-3-12 | 30-1-0

2-0-0 | 5-9-4 | 5-2-12 | 4-0-8 | 4-0-8 | 5-2-12 | 5-9-4

Scale = 1:54.4
Camber = 1/8 in



5-9-4 | 11-0-0 | 19-1-0 | 24-3-12 | 30-1-0

5-9-4 | 5-2-12 | 8-1-0 | 5-2-12 | 5-9-4

Plate Offsets (X,Y): [2:0-8-0,0-0-6], [8:0-8-0,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.19	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.32	10-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.32	Horz(TL)	0.09	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 157 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 3-11-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-5-5 oc bracing.

REACTIONS (lb/size) 8=1245/0-4-0, 2=1371/0-4-0
Max Horz 2=140(load case 5)
Max Uplift8=-378(load case 6), 2=-507(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2286/628, 3-4=-1823/533, 4-5=-1585/527, 5-6=-1590/539, 6-7=-1829/548, 7-8=-2309/683
BOT CHORD 2-13=-555/1967, 12-13=-555/1967, 11-12=-357/1651, 10-11=-357/1651, 9-10=-533/2005, 8-9=-533/2005
WEBS 3-13=0/153, 3-12=-456/237, 4-12=-103/523, 5-12=-229/143, 5-10=-223/140, 6-10=-101/530, 7-10=-495/287, 7-9=0/171

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 378 lb uplift at joint 8 and 507 lb uplift at joint 2.

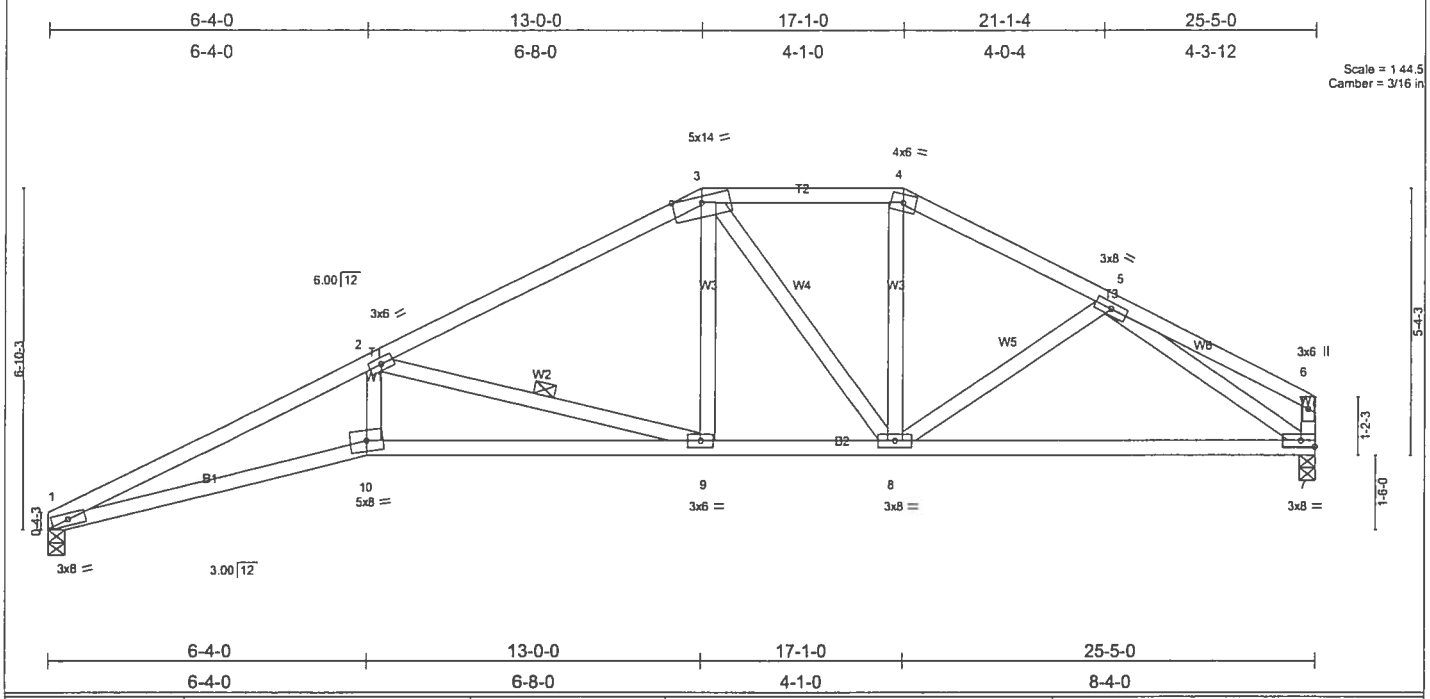
LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061385

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T07	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:50 2006 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	0.66	Vert(LL)	-0.27	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.43	9-10	>695	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.49	Horz(TL)	0.19	7	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 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-8-6 oc bracing.
WEBS 1 Row at midpt 2-9

REACTIONS (lb/size) 1=1054/0-4-0, 7=1054/0-4-0
Max Horz 1=172(load case 5)
Max Uplift1=-340(load case 5), 7=-312(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3466/1178, 2-3=-1582/516, 3-4=-1195/423, 4-5=-1374/442, 5-6=-412/94, 6-7=-281/111
BOT CHORD 1-10=-1173/3126, 9-10=-1113/2927, 8-9=-396/1360, 7-8=-340/1188
WEBS 2-10=-250/966, 2-9=-1639/747, 3-9=-169/576, 3-8=-346/170, 4-8=-129/394, 5-8=-41/146, 5-7=-1077/403

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1 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 340 lb uplift at joint 1 and 312 lb uplift at joint 7.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061386

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T08	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:50 2006 Page 1

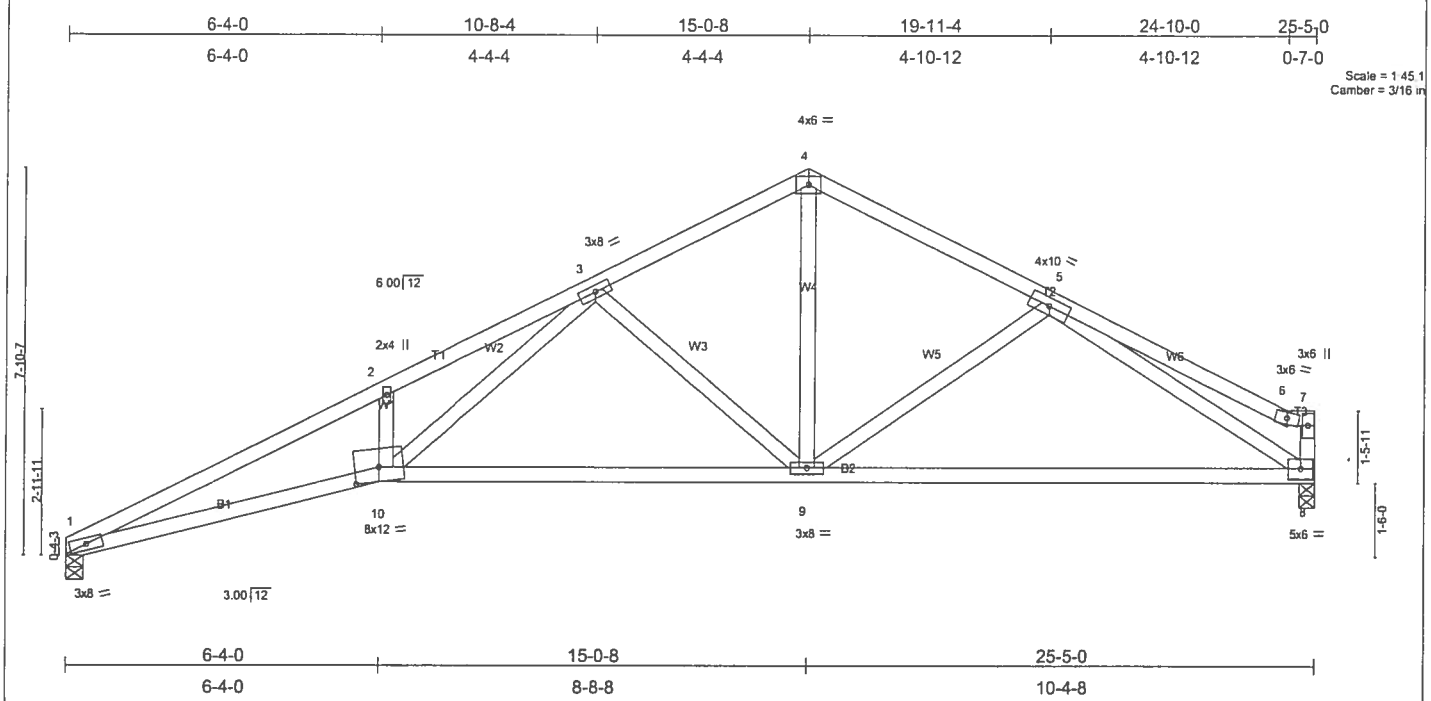


Plate Offsets (X,Y): [10:0-6-0,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.85	Vert(LL)	-0.30	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.48	9-10	>625	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.17	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 127 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-11 oc bracing.

REACTIONS (lb/size) 1=1054/0-4-0, 8=1054/0-4-0
Max Horz 1=194(load case 5)
Max Uplift1=-348(load case 5), 8=-305(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3447/1200, 2-3=-3408/1353, 3-4=-1293/464, 4-5=-1303/477, 5-6=-493/87, 6-7=-392/30, 7-8=-342/108
BOT CHORD 1-10=-1212/3103, 9-10=-608/1651, 8-9=-380/1216
WEBS 2-10=-233/260, 3-10=-781/1809, 3-9=-721/409, 4-9=-270/856, 5-9=-187/140, 5-8=-995/429

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1 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 348 lb uplift at joint 1 and 305 lb uplift at joint 8.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061387

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T09	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:51 2006 Page 1

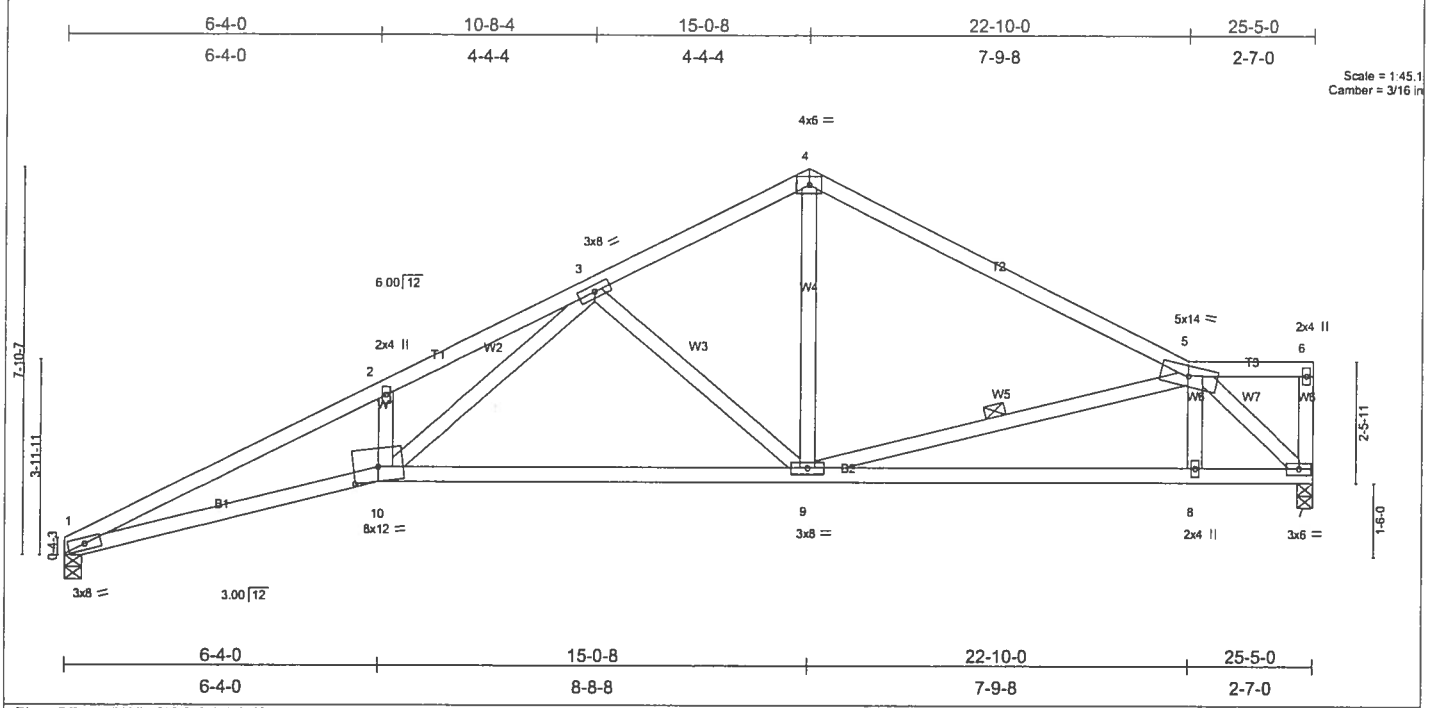


Plate Offsets (X,Y): [10:0-6-0,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.31	9-10	>975	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.51	9-10	>595	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.17	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 129 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-9 oc bracing.
WEBS 1 Row at midpt 5-9

REACTIONS (lb/size) 1=1054/0-4-0, 7=1054/0-4-0
Max Horz 1=226(load case 5)
Max Uplift1=-344(load case 5), 7=-309(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3457/1215, 2-3=-3423/1371, 3-4=-1293/469, 4-5=-1353/471, 5-6=-9/12, 6-7=-37/40
BOT CHORD 1-10=-1258/3114, 9-10=-638/1639, 8-9=-370/1202, 7-8=-367/1214
WEBS 2-10=-235/266, 3-10=-802/1839, 3-9=-702/389, 4-9=-215/753, 5-9=-194/116, 5-8=0/181, 5-7=-1634/497

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1 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 344 lb uplift at joint 1 and 309 lb uplift at joint 7.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061388

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T10	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:52 2006 Page 1

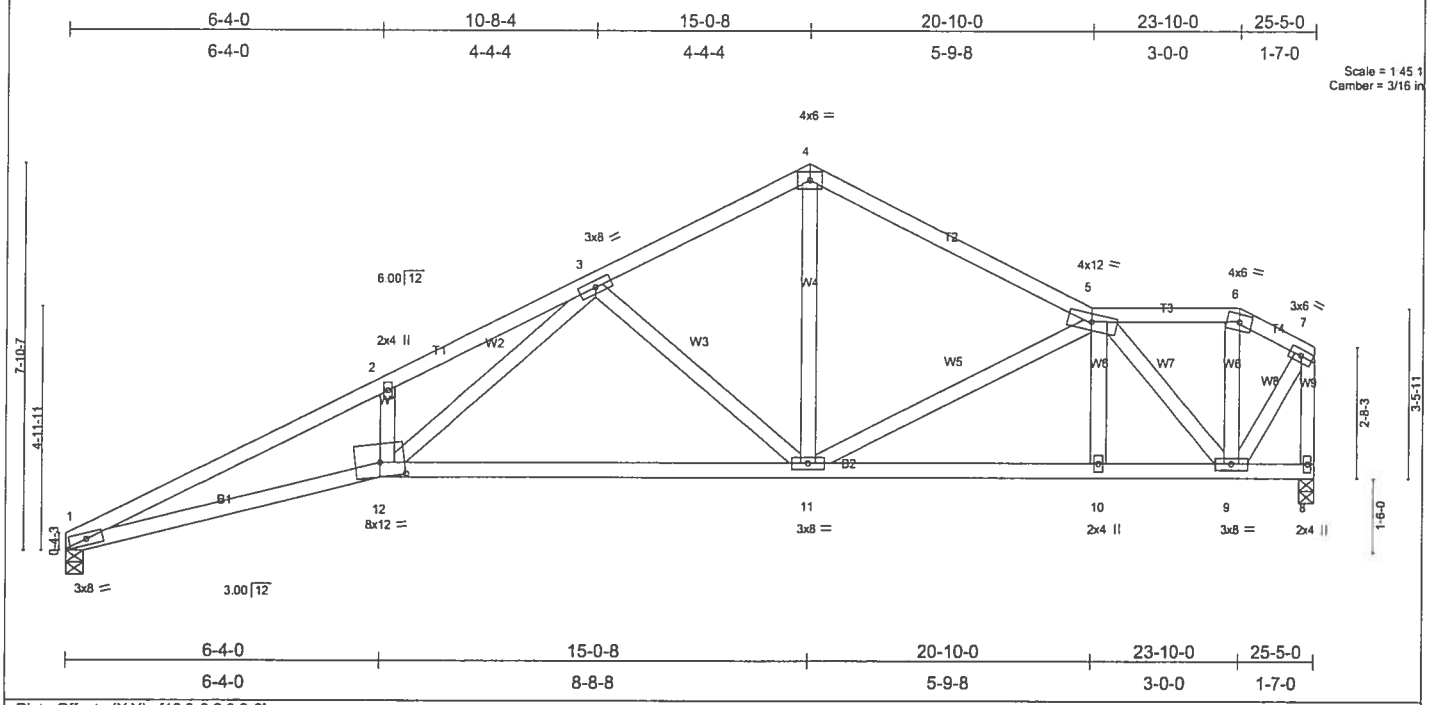


Plate Offsets (X,Y): [12:0-6-0,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.32	11-12	>940	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.53	11-12	>572	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.17	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 138 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 2-11-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-4 oc bracing.

REACTIONS (lb/size) 1=1054/0-4-0, 8=1054/0-4-0
Max Horz 1=234(load case 5)
Max Uplift1=-343(load case 5), 8=-335(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3460/1215, 2-3=-3422/1369, 3-4=-1283/466, 4-5=-1305/474, 5-6=-495/181, 6-7=-567/189, 7-8=-1014/331
BOT CHORD 1-12=-1267/3116, 11-12=-650/1642, 10-11=-397/1251, 9-10=-395/1256, 8-9=-8/20
WEBS 2-12=-231/261, 3-12=-797/1836, 3-11=-716/406, 4-11=-249/808, 5-11=-235/161, 5-10=0/113, 5-9=-1138/371, 6-9=-50/166, 7-9=-252/860

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1 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 343 lb uplift at joint 1 and 335 lb uplift at joint 8.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061389

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T11	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:53 2006 Page 1

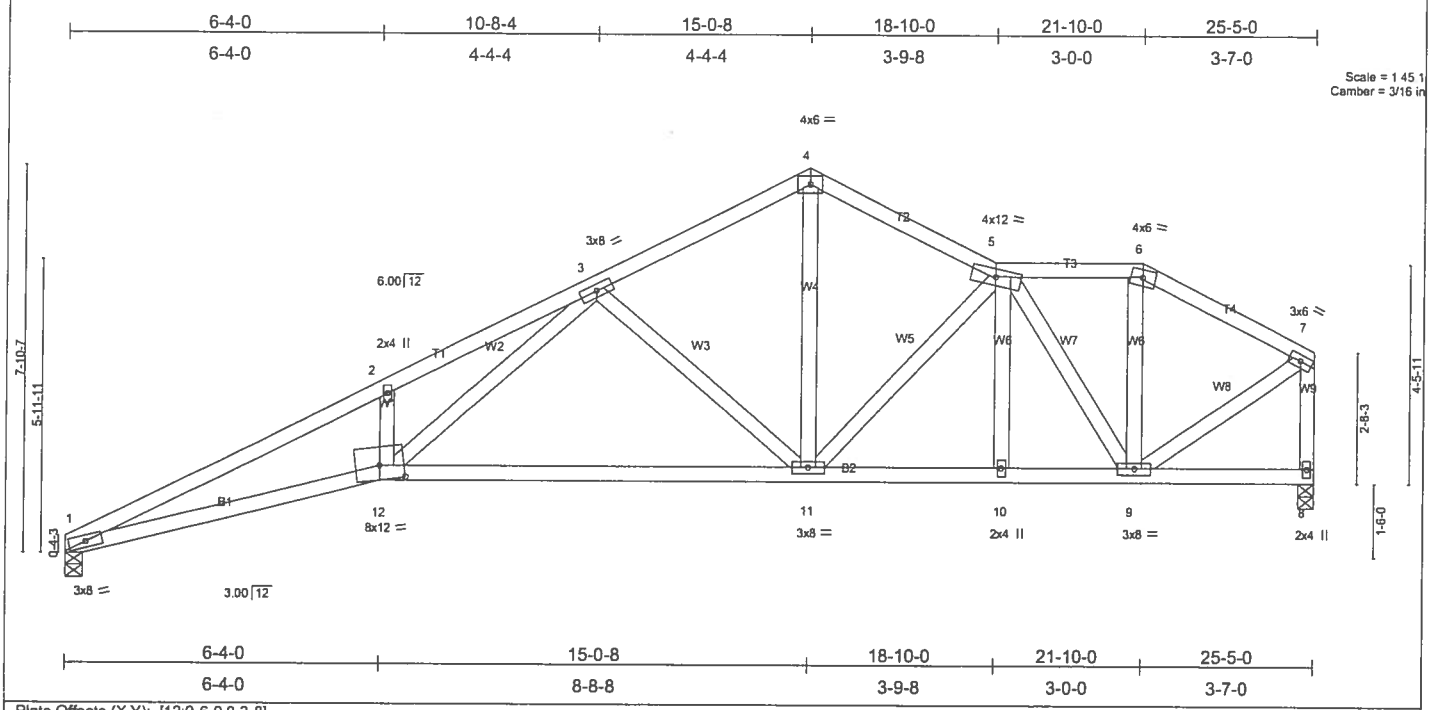


Plate Offsets (X,Y): [12:0-6-0,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.32	11-12	>937	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.53	11-12	>569	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.17	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 143 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-4 oc bracing.

REACTIONS (lb/size) 1=1054/0-4-0, 8=1054/0-4-0
Max Horz 1=234(load case 5)
Max Uplift1=-343(load case 5), 8=-335(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3460/1214, 2-3=-3419/1367, 3-4=-1279/465, 4-5=-1265/479, 5-6=-793/307, 6-7=-920/304, 7-8=-998/340
BOT CHORD 1-12=-1266/3116, 11-12=-652/1645, 10-11=-381/1210, 9-10=-381/1211, 8-9=-17/34
WEBS 2-12=-230/259, 3-12=-793/1831, 3-11=-732/414, 4-11=-274/855, 5-11=-221/153, 5-10=0/33, 5-9=-740/266, 6-9=-44/225, 7-9=-265/910

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4 2psf; BCDL=3 0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1 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 343 lb uplift at joint 1 and 335 lb uplift at joint 8.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

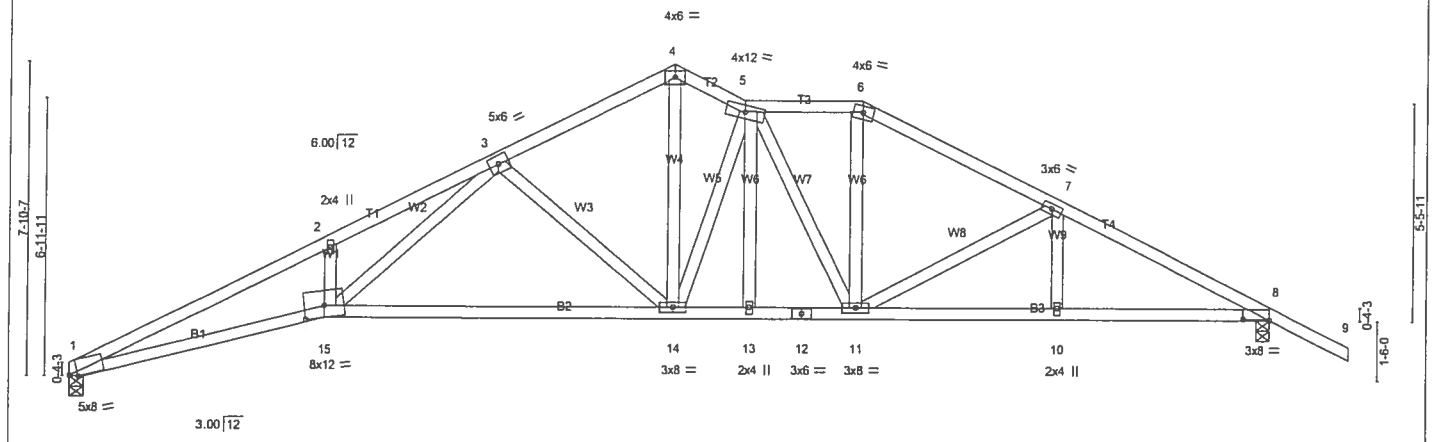
Dwg.#1227061390

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T12	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:54 2006 Page 1

6-4-0	10-8-4	15-0-8	16-10-0	19-10-0	24-8-4	30-1-0	32-1-0
6-4-0	4-4-4	4-4-4	1-9-8	3-0-0	4-10-4	5-4-12	2-0-0

Scale = 1:55.5
Camber = 1/4 in



6-4-0	15-0-8	16-10-0	19-10-0	24-8-4	30-1-0
6-4-0	8-8-8	1-9-8	3-0-0	4-10-4	5-4-12

Plate Offsets (X,Y): [1:0-2-7,Edge], [8:0-8-0,0-0-6], [15:0-6-0,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.42	14-15	>848	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-0.69	14-15	>519	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.25	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 168 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 2-6-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-4-10 oc bracing.

REACTIONS (lb/size) 1=1245/0-4-0, 8=1371/0-4-0
Max Horz 1=131(load case 5)
Max Uplift1=-404(load case 5), 8=-532(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4219/1360, 2-3=-4166/1510, 3-4=-1808/605, 4-5=-1737/616, 5-6=-1633/590, 6-7=-1868/605, 7-8=-2302/680, 8-9=0/47
BOT CHORD 1-15=-1293/3807, 14-15=-675/2162, 13-14=-421/1740, 12-13=-421/1737, 11-12=-421/1737, 10-11=-473/1982, 8-10=-473/1982
WEBS 2-15=-216/255, 3-15=-796/2034, 3-14=-791/413, 4-14=-389/1306, 5-14=-523/284, 5-13=-98/0, 5-11=-260/117, 6-11=-140/546, 7-11=-428/202, 7-10=0/158

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1 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 404 lb uplift at joint 1 and 532 lb uplift at joint 8.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061391

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T13	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:55 2006 Page 1

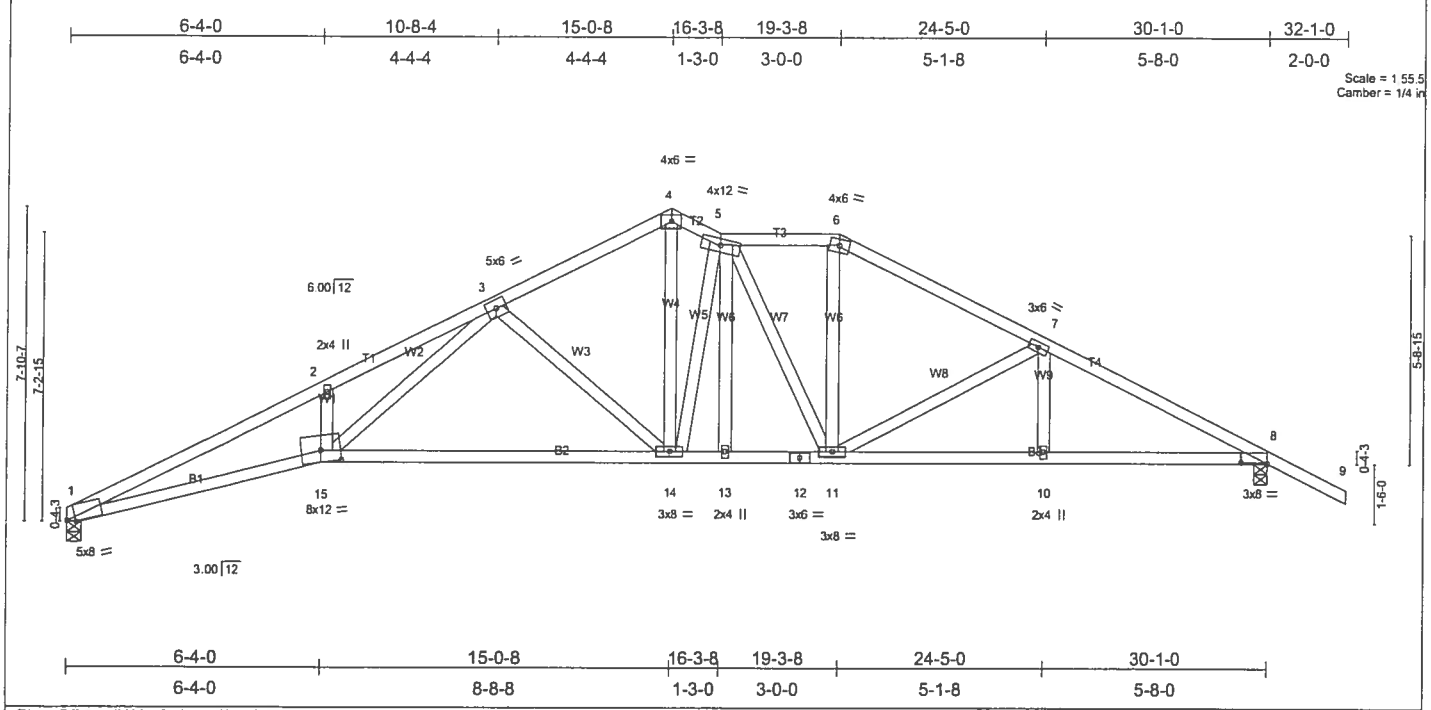


Plate Offsets (X,Y): [1:0-2-7,Edge], [8:0-8-0,0-0-6], [15:0-6-0,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.42	14-15	>858	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-0.68	14-15	>525	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.25	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 170 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 2-6-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-4-10 oc bracing.

REACTIONS (lb/size) 1=1245/0-4-0, 8=1371/0-4-0
Max Horz 1=131(load case 5)
Max Uplift1=-404(load case 5), 8=-532(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4218/1360, 2-3=-4165/1511, 3-4=-1810/605, 4-5=-1701/603, 5-6=-1591/582, 6-7=-1827/594, 7-8=-2295/679, 8-9=0/47
BOT CHORD 1-15=-1293/3806, 14-15=-674/2162, 13-14=-397/1663, 12-13=-397/1658, 11-12=-397/1658, 10-11=-470/1975, 8-10=-470/1975
WEBS 2-15=-217/256, 3-15=-798/2033, 3-14=-786/411, 4-14=-363/1242, 5-14=-427/256, 5-13=-156/0, 5-11=-224/98, 6-11=-129/506, 7-11=-464/221, 7-10=0/169

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1 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 404 lb uplift at joint 1 and 532 lb uplift at joint 8.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

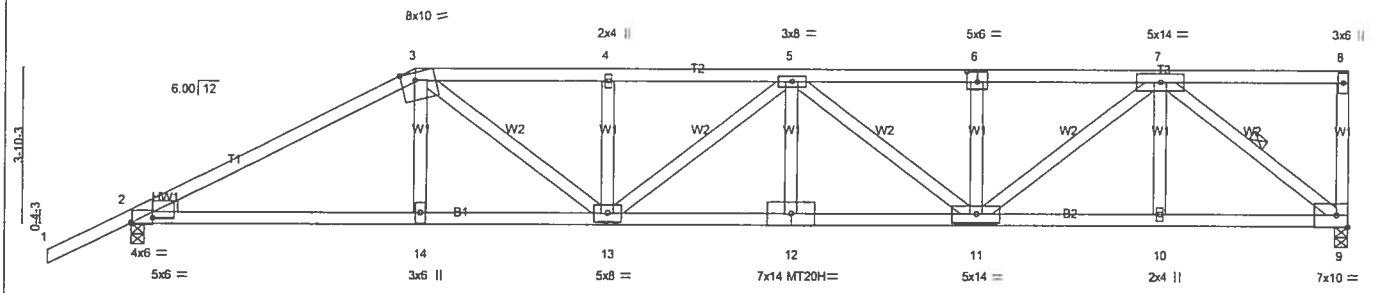
Dwg.#1227061392

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T14	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:56 2006 Page 1

-2-0-0	7-0-0	11-8-7	16-3-2	20-9-14	25-4-9	30-1-0
2-0-0	7-0-0	4-8-7	4-6-11	4-6-11	4-6-11	4-8-7

Scale = 1:54.7
Camber = 1/4 in



7-0-0	11-8-7	16-3-2	20-9-14	25-4-9	30-1-0
7-0-0	4-8-7	4-6-11	4-6-11	4-6-11	4-8-7

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.85	Vert(LL)	-0.41	12-13	>870	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-0.66	12-13	>542	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.80	Horz(TL)	0.19	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 164 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-2-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-1-14 oc bracing.
WEBS 1 Row at midpt 7-9

REACTIONS (lb/size) 9=2753/0-4-0, 2=2646/0-4-0
Max Horz 2=227(load case 4)
Max Uplift9=-1239(load case 3), 2=-1125(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-5005/2135, 3-4=-5680/2550, 4-5=-5679/2551, 5-6=-5004/2250, 6-7=-5004/2250, 7-8=-80/37, 8-9=-258/200
BOT CHORD 2-14=-1938/4374, 13-14=-1947/4407, 12-13=-2640/5878, 11-12=-2640/5878, 10-11=-1386/3079, 9-10=-1386/3079
WEBS 3-14=-230/814, 3-13=-816/1593, 4-13=-517/465, 5-13=-252/129, 5-12=0/298, 5-11=-1109/495, 6-11=-523/427, 7-11=-1095/2441, 7-10=0/288, 7-9=-3803/1711

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) All plates are MT20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1239 lb uplift at joint 9 and 1125 lb uplift at joint 2.
5) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
6) 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.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-8=-117(F=-63), 2-14=-30, 9-14=-65(F=-35)
Concentrated Loads (lb)
Vert: 14=-539(F)

DECEMBER 27, 2006 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

Dwg.#1227061393

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T15	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:57 2006 Page 1

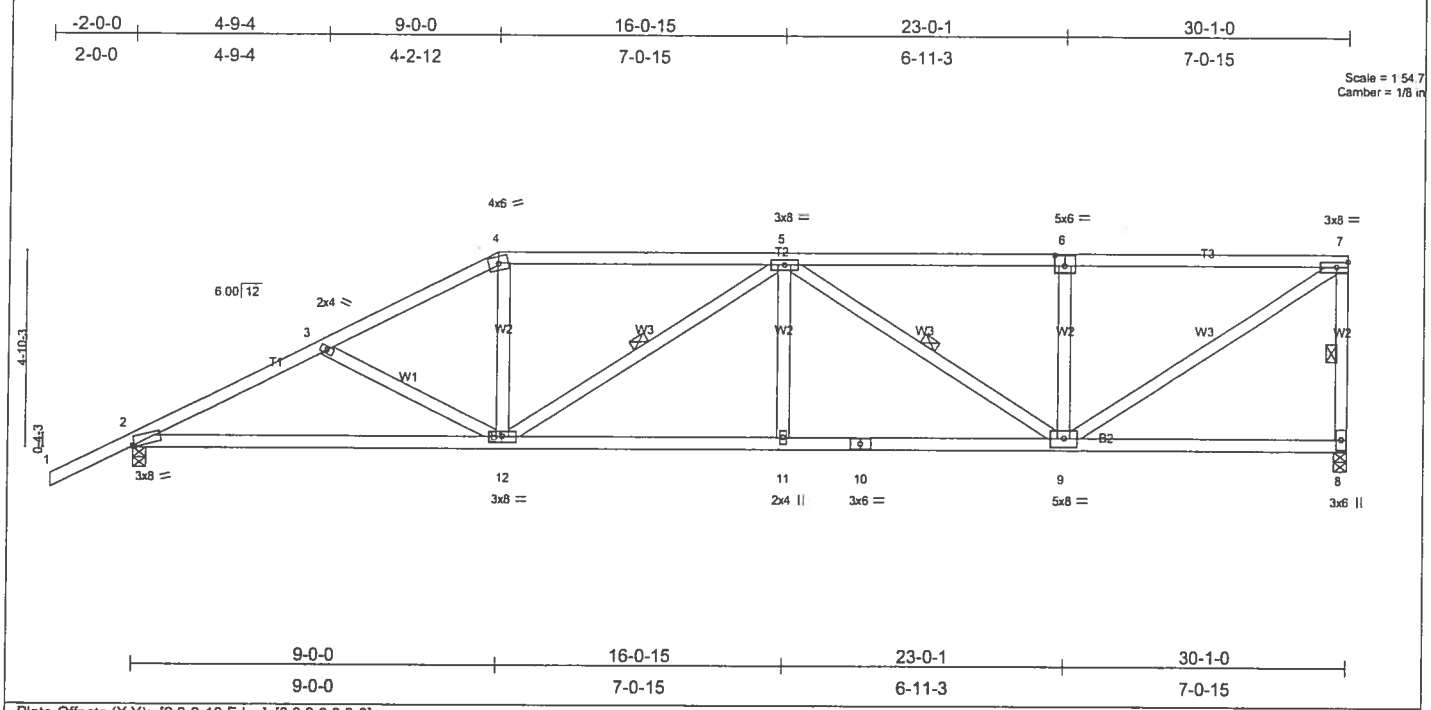


Plate Offsets (X,Y): [2:0-0-10,Edge], [6:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.61	Vert(LL)	-0.20	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.33	2-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.08	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 162 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 3-11-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-5 oc bracing.
WEBS 1 Row at midpt 7-8, 5-12, 5-9

REACTIONS (lb/size) 8=1246/0-4-0, 2=1372/0-4-0
Max Horz 2=272(load case 5)
Max Uplift8=-457(load case 4), 2=-480(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2226/649, 3-4=-2009/626, 4-5=-1776/596, 5-6=-1527/555, 6-7=-1526/555, 7-8=-1143/470
BOT CHORD 2-12=-667/1936, 11-12=-752/2089, 10-11=-752/2089, 9-10=-752/2089, 8-9=-23/59
WEBS 3-12=-201/185, 4-12=-85/553, 5-12=-375/238, 5-11=0/193, 5-9=-673/235, 6-9=-383/272, 7-9=-637/1756

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 457 lb uplift at joint 8 and 480 lb uplift at joint 2.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061394

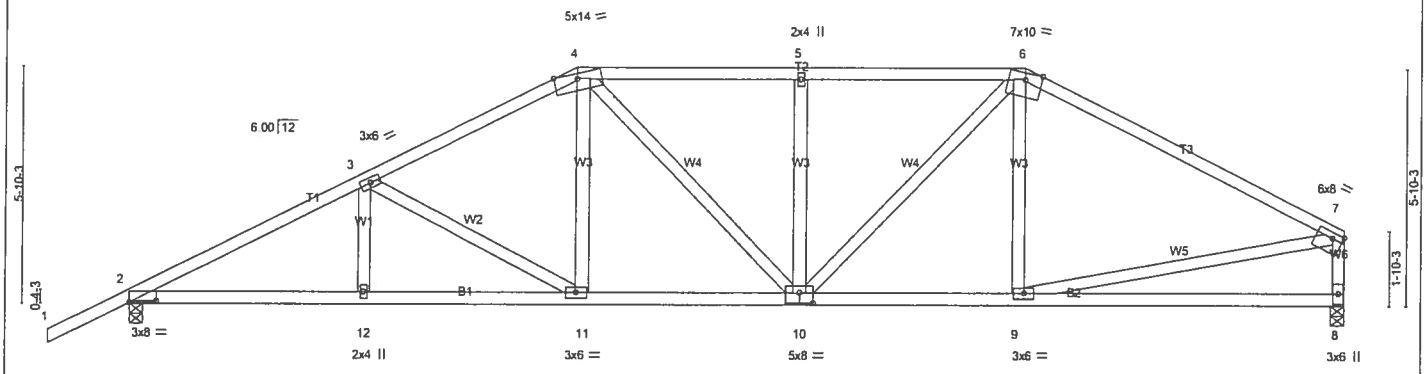
Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T16	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:58 2006 Page 1

-2-0-0 | 5-9-4 | 11-0-0 | 16-6-8 | 22-1-0 | 30-1-0

2-0-0 | 5-9-4 | 5-2-12 | 5-6-8 | 5-6-8 | 8-0-0

Scale = 1:54.7
Camber = 1/16 in



5-9-4 | 11-0-0 | 16-6-8 | 22-1-0 | 30-1-0

5-9-4 | 5-2-12 | 5-6-8 | 5-6-8 | 8-0-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.96	Vert(LL)	-0.12	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.20	10-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.06	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 168 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 3-11-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-1-10 oc bracing.

REACTIONS (lb/size) 2=1372/0-4-0, 8=1246/0-4-0
Max Horz 2=192(load case 5)
Max Uplift2=-506(load case 5), 8=-352(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2291/623, 3-4=-1817/542, 4-5=-1677/560, 5-6=-1677/560, 6-7=-1620/470, 7-8=-1117/372
BOT CHORD 2-12=-602/1971, 11-12=-602/1971, 10-11=-415/1579, 9-10=-333/1361, 8-9=-145/287
WEBS 3-12=0/169, 3-11=-462/230, 4-11=-81/389, 4-10=-141/261, 5-10=-306/219, 6-10=-211/547, 6-9=-14/105, 7-9=-309/1095

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 506 lb uplift at joint 2 and 352 lb uplift at joint 8.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061395

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T17	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:05:59 2006 Page 1

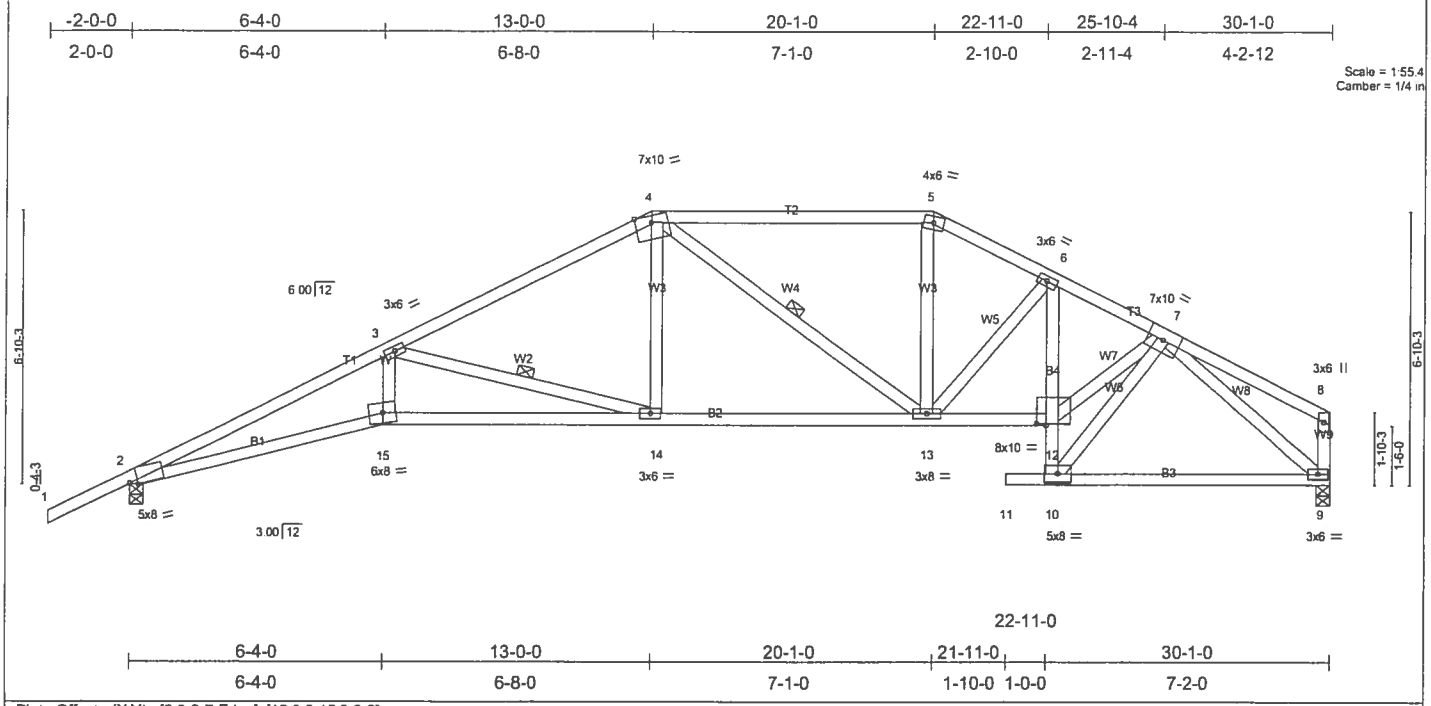


Plate Offsets (X,Y): [2:0-2-7,Edge], [12:0-2-15,0-0-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	-0.36	14-15	>996	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.85	Vert(TL)	-0.58	14-15	>618	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.34	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 172 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 2-8-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-8-10 oc bracing.
WEBS 1 Row at midpt 3-14, 4-13

REACTIONS (lb/size) 2=1380/0-4-0, 9=1272/0-4-0
Max Horz 2=205(load case 5)
Max Uplift2=-518(load case 5), 9=-364(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-4188/1255, 3-4=-2167/633, 4-5=-1718/541, 5-6=-1907/564, 6-7=-2109/607, 7-8=-195/86, 8-9=-188/111
BOT CHORD 2-15=-1207/3772, 14-15=-1148/3548, 13-14=-477/1894, 12-13=-422/1873, 10-12=-353/1389, 6-12=-61/192, 10-11=0/0, 9-10=-327/1219
WEBS 3-15=-241/1092, 3-14=-1732/700, 4-14=-144/671, 4-13=-331/146, 5-13=-122/533, 6-13=-257/163, 7-12=-492/2010, 7-10=-1591/487, 7-9=-1475/408

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; 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 518 lb uplift at joint 2 and 364 lb uplift at joint 9.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

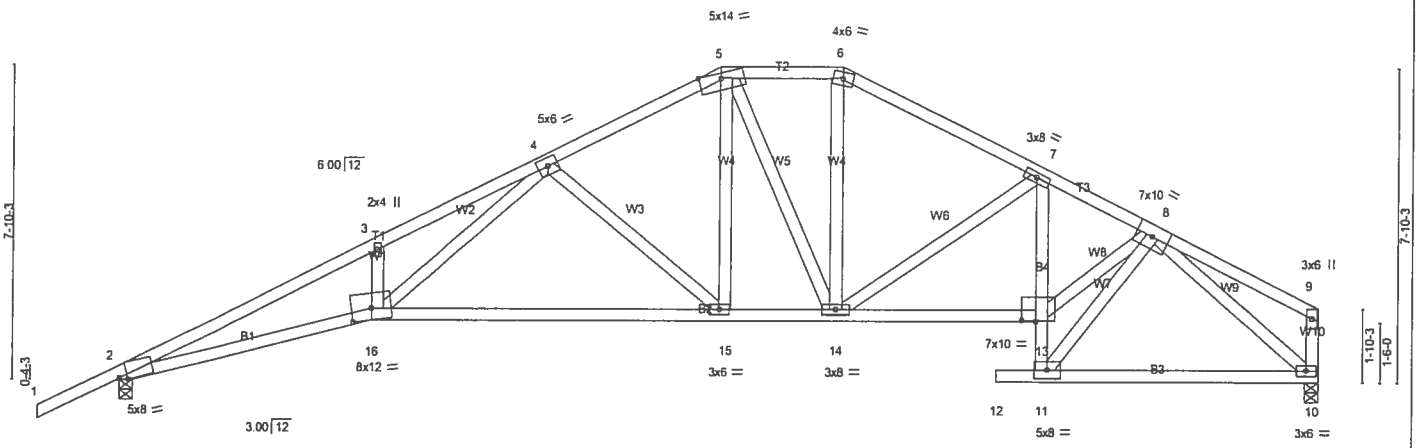
Dwg.#1227061396

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T18	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:07:19 2006 Page 1

-2-0-0	6-4-0	10-8-0	15-0-0	18-1-0	22-11-0	25-10-4	30-1-0
2-0-0	6-4-0	4-4-0	4-4-0	3-1-0	4-10-0	2-11-4	4-2-12

Scale = 1:55.4
Camber = 5/16 in



6-4-0	15-0-0	18-1-0	21-11-0	22-11-0	30-1-0
6-4-0	8-8-0	3-1-0	3-10-0	1-0-0	7-2-0

Plate Offsets (X,Y): [2:0-2-7,Edge], [13:0-4-4,0-0-7], [16:0-6-0,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.68	Vert(LL)	-0.44	15-16	>809	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.90	Vert(TL)	-0.72	15-16	>494	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.33	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 182 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B4 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-4-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-7-7 oc bracing.

REACTIONS (lb/size) 2=1380/0-4-0, 10=1272/0-4-0
Max Horz 2=219(load case 5)
Max Uplift2=-530(load case 5), 10=-378(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-4200/1280, 3-4=-4133/1418, 4-5=-1815/589, 5-6=-1520/533, 6-7=-1746/558, 7-8=-2133/638, 8-9=-202/90, 9-10=-195/116
BOT CHORD 2-16=-1238/3781, 15-16=-686/2182, 14-15=-382/1589, 13-14=-461/1933, 11-13=-356/1436, 7-13=-37/273, 11-12=0/0, 10-11=-341/1214
WEBS 3-16=-187/231, 4-16=-713/1976, 4-15=-808/410, 5-15=-228/756, 5-14=-291/90, 6-14=-153/526, 7-14=-525/253, 8-13=-509/2101, 8-11=-1653/489, 8-10=-1464/424

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; 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 530 lb uplift at joint 2 and 378 lb uplift at joint 10.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

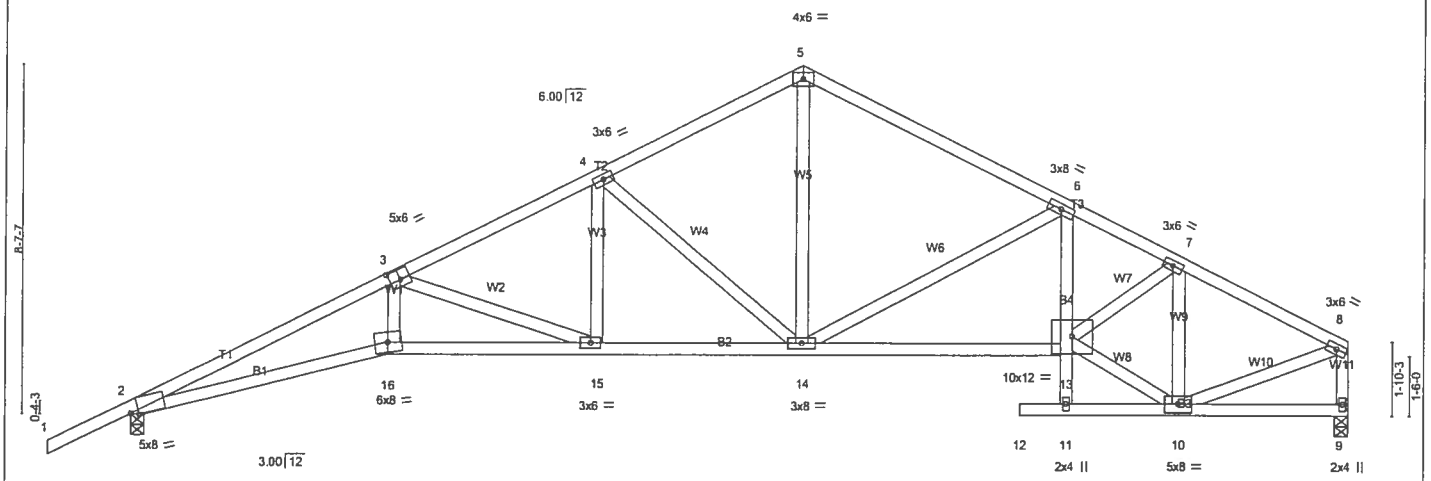
Dwg.#1227061397

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T19	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:06:01 2006 Page 1

-2-0-0	6-4-0	11-5-4	16-6-8	21-11-0	22-11-0	25-10-4	30-1-0
2-0-0	6-4-0	5-1-4	5-1-4	5-4-8	1-0-0	2-11-4	4-2-12

Scale = 1:54.7
Camber = 3/16 in



6-4-0	11-5-4	16-6-8	21-11-0	22-11-0	25-10-4	30-1-0
6-4-0	5-1-4	5-1-4	5-4-8	1-0-0	2-11-4	4-2-12

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.32	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.87	Vert(TL)	-0.51	15-16	>705	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.30	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 175 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B4 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-3 oc bracing.

REACTIONS (lb/size) 2=1380/0-4-0, 9=1272/0-4-0
Max Horz 2=230(load case 5)
Max Uplift2=-537(load case 5), 9=-388(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-4166/1336, 3-4=-2402/793, 4-5=-1626/561, 5-6=-1650/571, 6-7=-2328/705, 7-8=-1443/443, 8-9=-1196/392
BOT CHORD 2-16=-1302/3746, 15-16=-1227/3484, 14-15=-659/2095, 13-14=-535/2113, 11-13=0/88, 6-13=-67/446, 11-12=0/0, 10-11=-40/29, 9-10=-48/102
WEBS 3-16=-271/1072, 3-15=-1483/606, 4-15=-191/669, 4-14=-896/416, 5-14=-313/1070, 6-14=-799/361, 10-13=-353/1426, 7-13=-236/992, 7-10=-1125/342, 8-10=-314/1223

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 537 lb uplift at joint 2 and 388 lb uplift at joint 9.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

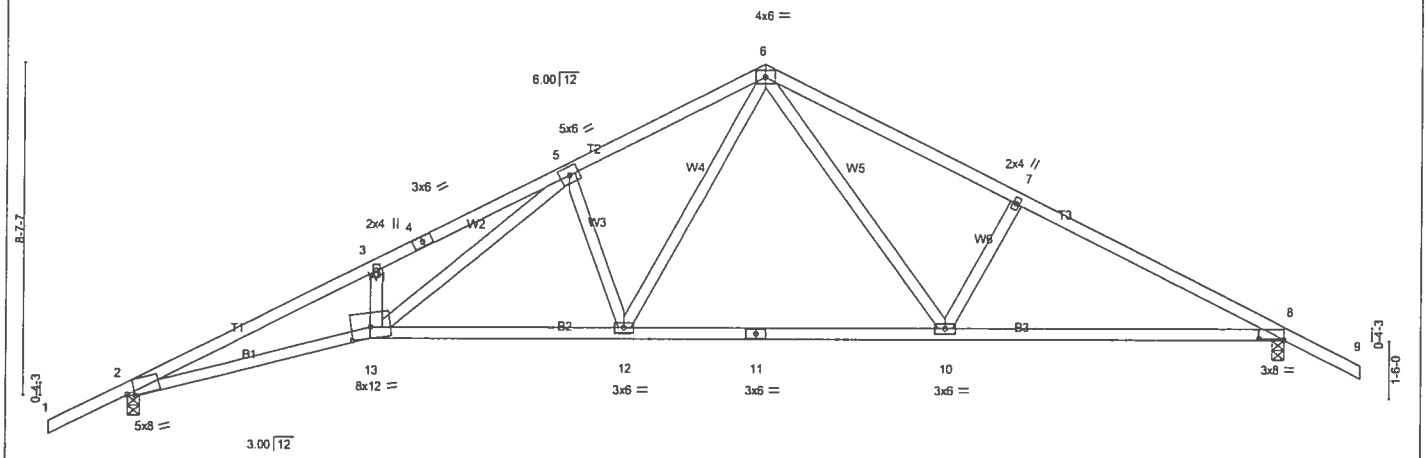
Dwg.#1227061398

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T20	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:06:02 2006 Page 1

-2-0-0	6-4-0	11-5-4	16-6-8	23-0-8	30-1-0	32-1-0
2-0-0	6-4-0	5-1-4	5-1-4	6-6-0	7-0-8	2-0-0

Scale = 1:57.4
Camber = 3/16 in



6-4-0	12-10-11	21-2-9	30-1-0
6-4-0	6-6-11	8-3-15	8-10-7

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.36	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.86	Vert(TL)	-0.57	12-13	>624	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.63	Horz(TL)	0.24	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 149 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 2-7-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-7-7 oc bracing.

REACTIONS (lb/size) 2=1366/0-4-0, 8=1366/0-4-0
Max Horz 2=202(load case 5)
Max Uplift2=-539(load case 5), 8=-516(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-4097/1307, 3-4=-4049/1440, 4-5=-3993/1457, 5-6=-2100/770, 6-7=-2018/662, 7-8=-2195/645, 8-9=0/47
BOT CHORD 2-13=-1247/3681, 12-13=-626/2054, 11-12=-312/1343, 10-11=-312/1343, 8-10=-476/1884
WEBS 3-13=-218/248, 5-13=-781/1976, 5-12=-701/403, 6-12=-390/1023, 6-10=-247/700, 7-10=-339/294

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 539 lb uplift at joint 2 and 516 lb uplift at joint 8.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061399

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T21	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:06:02 2006 Page 1

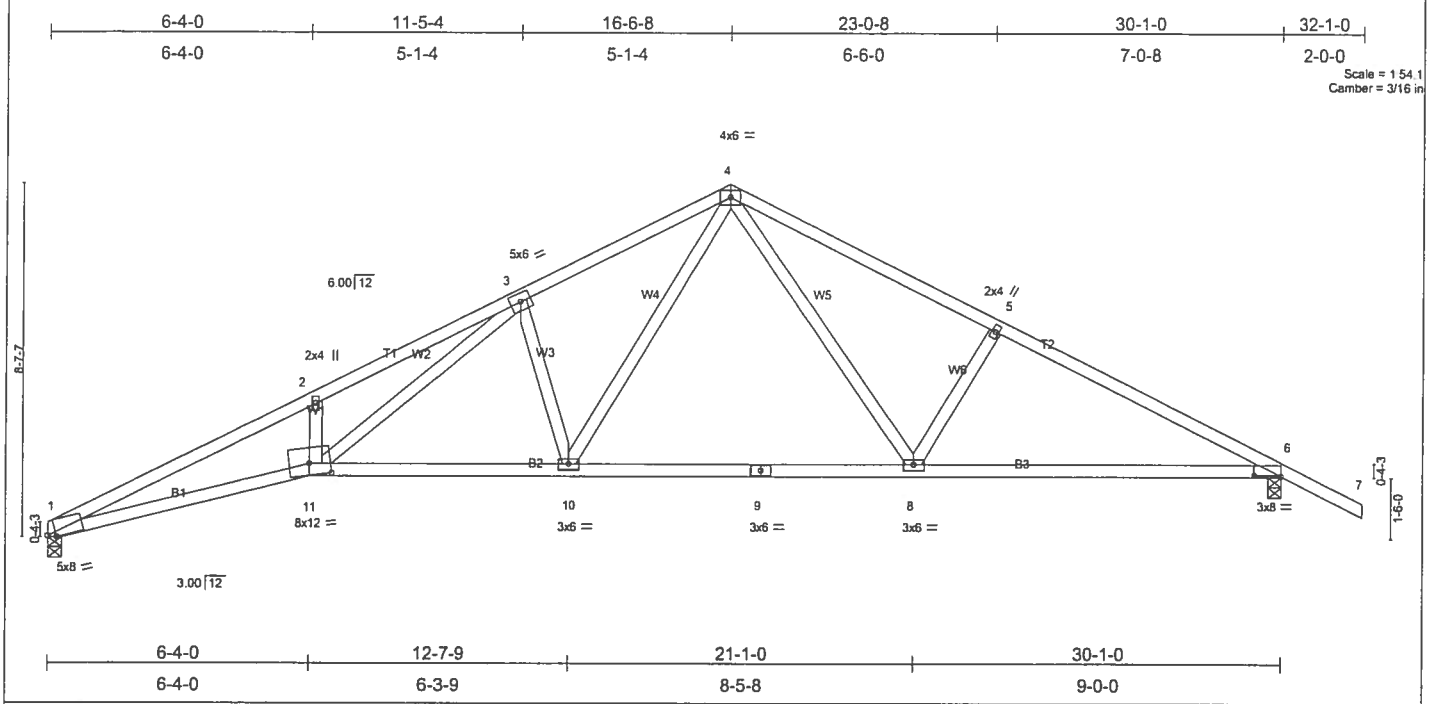


Plate Offsets (X,Y): [1:0-2-7,Edge], [6:0-8-0,0-0-6], [11:0-6-0,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.35	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.93	Vert(TL)	-0.57	10-11	>630	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.66	Horz(TL)	0.24	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 145 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 2-6-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 1=1245/0-4-0, 6=1371/0-4-0
Max Horz 1=142(load case 5)
Max Uplift1=-411(load case 5), 6=-518(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4172/1408, 2-3=-4133/1568, 3-4=-2162/811, 4-5=-2016/667, 5-6=-2202/651, 6-7=0/47
BOT CHORD 1-11=-1349/3758, 10-11=-648/2076, 9-10=-323/1351, 8-9=-323/1351, 6-8=-486/1890
WEBS 2-11=-233/267, 3-11=-880/2042, 3-10=-718/424, 4-10=-423/1067, 4-8=-239/696, 5-8=-340/294

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 411 lb uplift at joint 1 and 518 lb uplift at joint 6.

LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061400

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T22	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:06:03 2006 Page 1

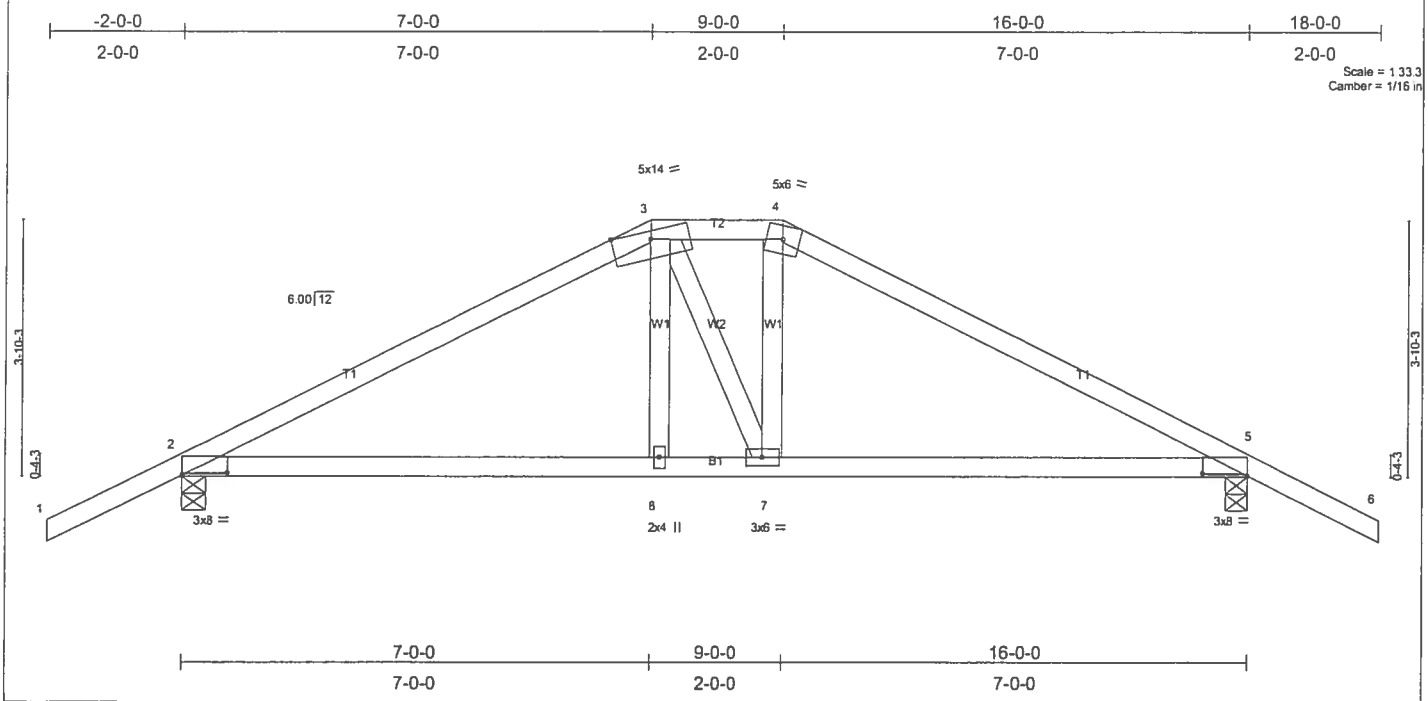


Plate Offsets (X,Y): [2:0-8-0,0-0-6], [5:0-8-0,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	0.13	2-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.20	2-8	>955	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.27	Horz(TL)	0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 72 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-1-3 oc bracing.

REACTIONS (lb/size) 2=1407/0-4-0, 5=1407/0-4-0
Max Horz 2=87(load case 4)
Max Uplift2=-862(load case 4), 5=-862(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2301/1215, 3-4=-2004/1164, 4-5=-2306/1217, 5-6=0/47
BOT CHORD 2-8=-1010/1971, 7-8=-1025/2000, 5-7=-990/1975
WEBS 3-8=-375/716, 3-7=-141/161, 4-7=-422/829

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 862 lb uplift at joint 2 and 862 lb uplift at joint 5.
5) Girder carries hip end with 7-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 9-0-0, and 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.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-117(F=-63), 4-6=-54, 2-8=-30, 7-8=-65(F=-35), 5-7=-30
Concentrated Loads (lb)
Vert: 8=-539(F) 7=-539(F)

DECEMBER 27, 2006 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

Dwg.#1227061401

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T23	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:06:04 2006 Page 1

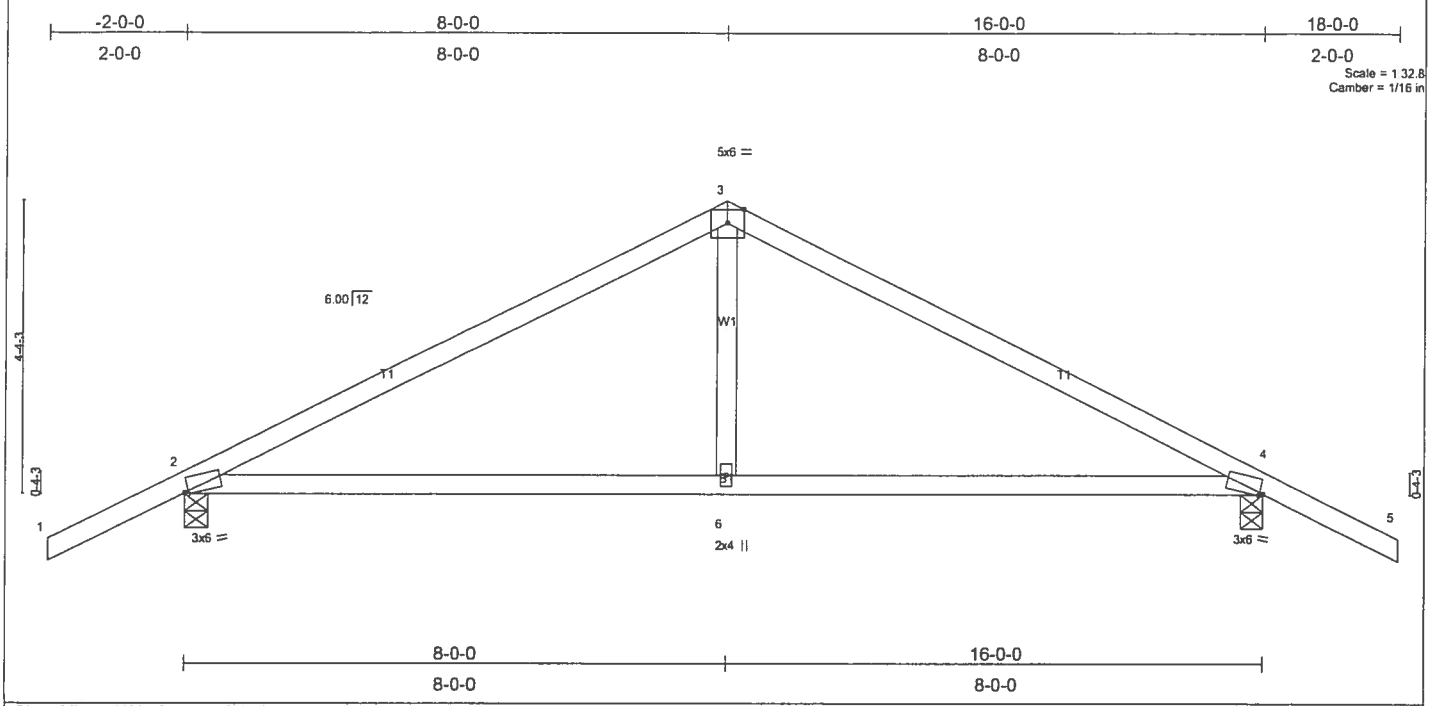


Plate Offsets (X,Y): [2:0-0-10,Edge], [4:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.21	4-6	>890	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.20	4-6	>937	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.14	Horz(TL)	0.02	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 63 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-2 oc bracing.

REACTIONS (lb/size) 2=775/0-4-0, 4=775/0-4-0
Max Horz 2=94(load case 5)
Max Uplift2=-539(load case 5), 4=-539(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-924/803, 3-4=-924/803, 4-5=0/47
BOT CHORD 2-6=-558/746, 4-6=-558/746
WEBS 3-6=-466/293

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch 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 539 lb uplift at joint 2 and 539 lb uplift at joint 4.

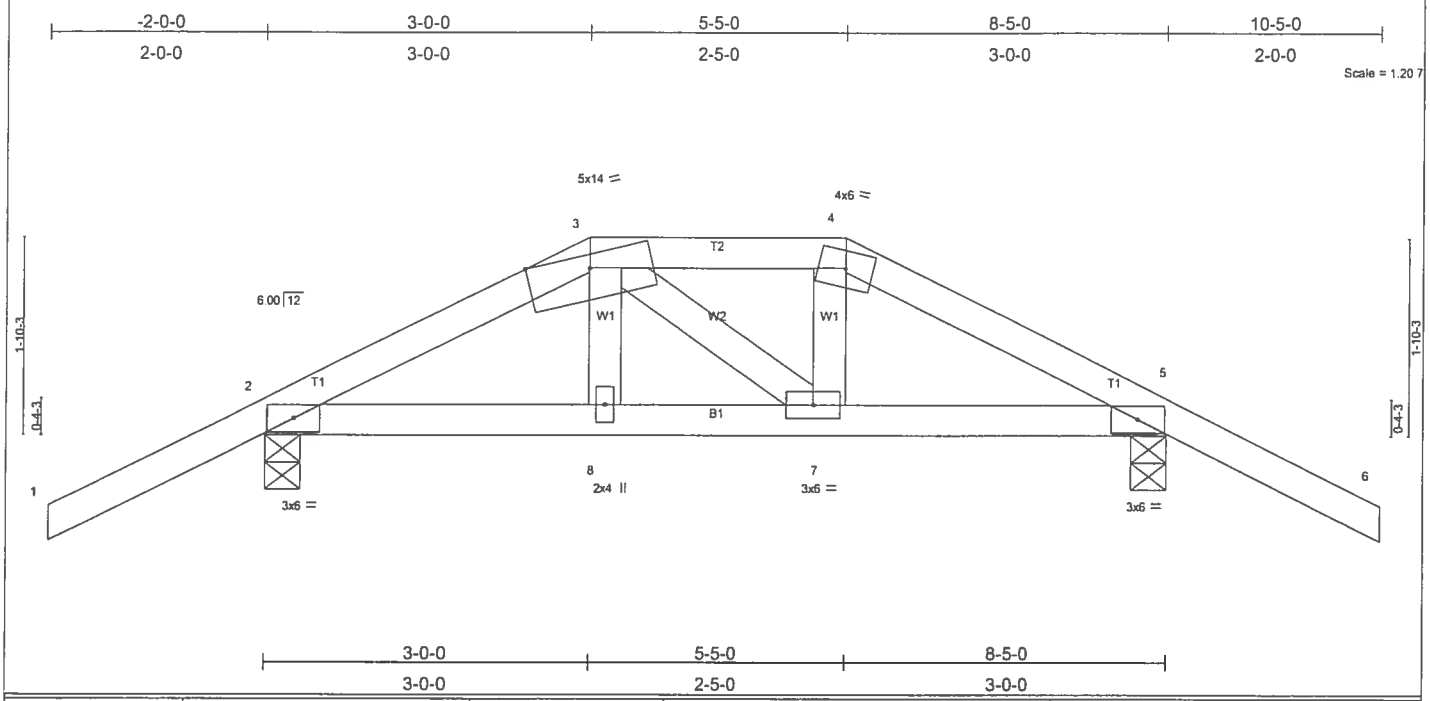
LOAD CASE(S) Standard

DECEMBER 27, 2006 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

Dwg.#1227061402

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T24	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:06:05 2006 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	0.27	Vert(LL)	-0.01	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	-0.02	7-8	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 40 lb	

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

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

REACTIONS (lb/size) 2=536/0-4-0, 5=536/0-4-0
Max Horz 2=59(load case 4)
Max Uplift2=-380(load case 4), 5=-380(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-586/307, 3-4=-488/292, 4-5=-587/308, 5-6=0/47
BOT CHORD 2-8=-234/475, 7-8=-241/487, 5-7=-222/476
WEBS 3-8=-86/144, 3-7=-39/39, 4-7=-84/150

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 380 lb uplift at joint 2 and 380 lb uplift at joint 5.
5) Girder carries hip end with 3-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 63 lb down and 32 lb up at 5-5-0, and 63 lb down and 32 lb up at 3-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

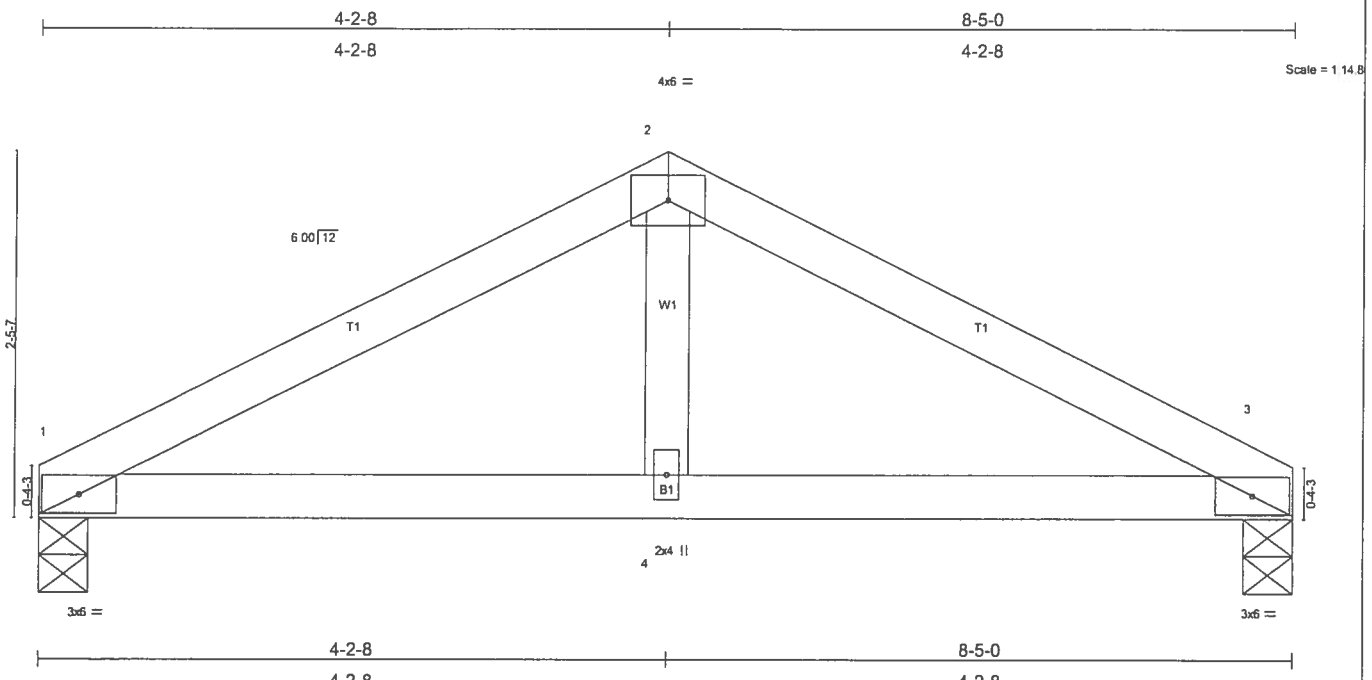
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-63(F=-9), 4-6=-54, 2-8=-30, 7-8=-35(F=-5), 5-7=-30
Concentrated Loads (lb)
Vert: 8=-63(F) 7=-63(F)

DECEMBER 27, 2006 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

Dwg.#1227061403

Job	Truss	Truss Type	Qty	Ply	GIEBIEGMHOMES-CC LOT 4
L221409	T25	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 22 12:06:05 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	0.03	3-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	-0.02	3-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.01	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 30 lb	

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

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

REACTIONS (lb/size) 1=340/0-4-0, 3=340/0-4-0
Max Horz 1=31(load case 4)
Max Uplift1=-211(load case 5), 3=-211(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-486/461, 2-3=-486/461
BOT CHORD 1-4=-368/392, 3-4=-368/392
WEBS 2-4=-269/160

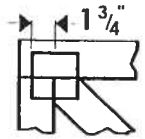
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This 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 211 lb uplift at joint 1 and 211 lb uplift at joint 3.

LOAD CASE(S) Standard

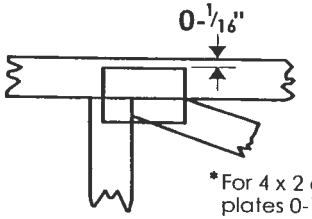
DECEMBER 27, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Symbols

PLATE LOCATION AND ORIENTATION



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



*For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

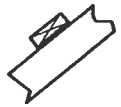
*This symbol indicates the required direction of slots in connector plates.

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

PLATE SIZE

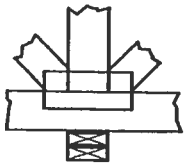
4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



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

BEARING

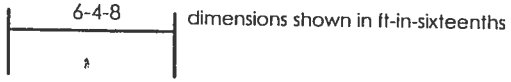


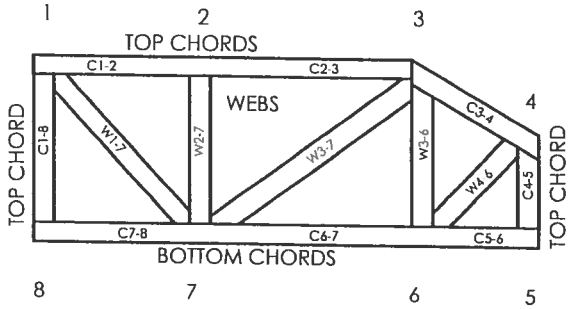
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System





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

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

CONNECTOR PLATE CODE APPROVALS

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

MiTek®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI1.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

© 2004 MiTek®

TAMKO®
ROOFING PRODUCTS

January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

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

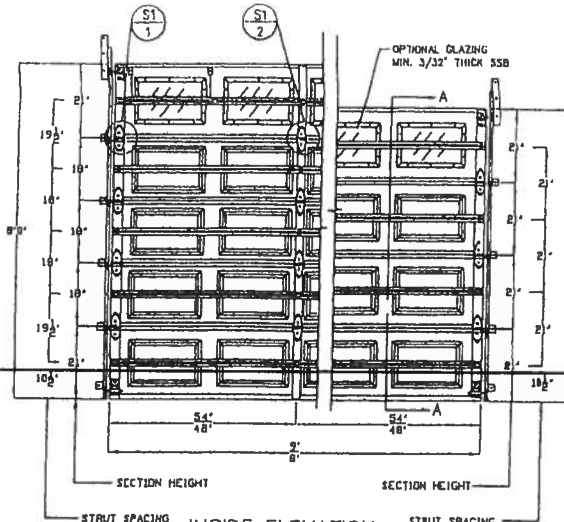
- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

All testing was performed by Florida State certified independent labs.

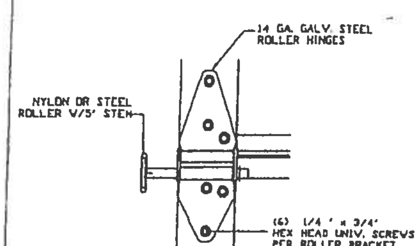
Please direct all questions to TAMKO's Technical Services Department at 1-800-641-46[illegible]

TAMKO Roofing Products, Inc.

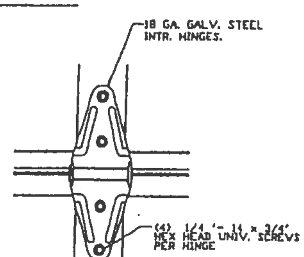
2300 35th STREET P.O. BOX 2149 TUSCALOOSA, AL 35403-2149 205-752-3555 FAX 205-349-2049



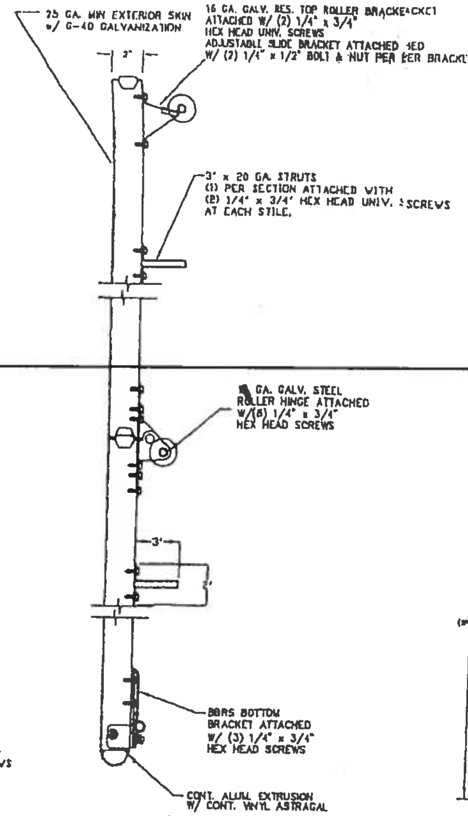
INSIDE ELEVATION



TYP. ROLLER BRACKET (S1/1)
N.T.S.



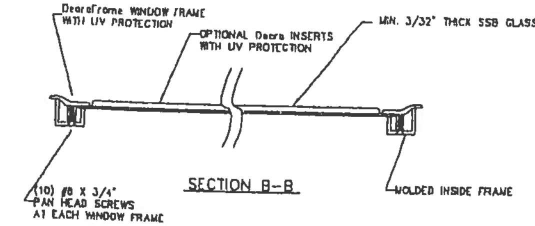
TYP. HINGE CONNECTION (S1/2)
N.T.S.



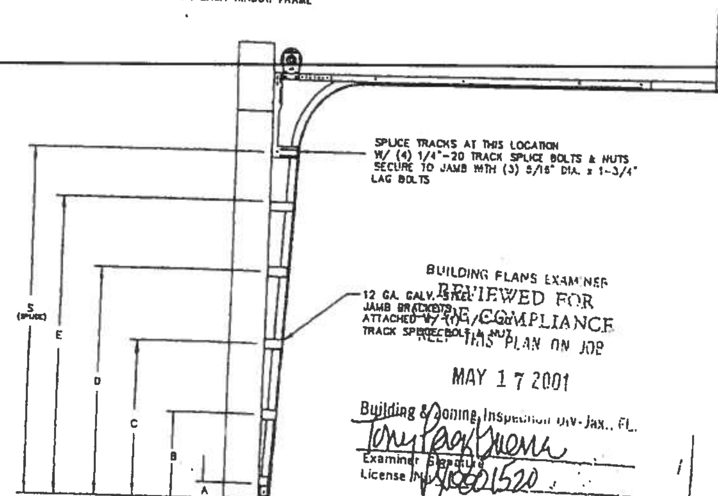
SECTION A-A (SIDE VIEW)

GLAZING OPTION CROSS SECTION

TEST No. SBC-580-011 ON OCTOBER 12, 1995 INCLUDED GLASS WINDOWS IN THE DOOR BEING USED. THE TEST PRESSURES WERE +48.4 PSF AND -54.7 PSF. BY COMPARISON, FOUR (4) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF THE 8' X 7' AND 8' x 8' MODEL 600 AND 850 DOORS.



SECTION B-B



BUILDING PLANS EXAMINER
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB
MAY 1 7 2001
Building & Zoning Inspection Div.-Jax., FL.
Examiner Signature
License No.

TRACK CONFIGURATION FOR 6'6" UP TO 8' TALL DOORS

JAMB BRACKET LOCATIONS

	A	B	C	D	E	S
6'-6'	4'	21-1/2'	39'	57'		70'
7'-0'	4'	21-1/2'	42'	63'		76'
7'-6'	4'	18'	36'	54'	72'	82'
8'-0'	4'	21-1/2'	39'	57'	75'	88'

SPECIFICATIONS AND NOTES

1. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
2. DOOR SECTIONS SHALL BE 25 GA. (.019") MIN. ROLL FORMED LIGHT COMMERCIAL QUALITY, G-40 GALVANIZATION.
3. DOORS UPTO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN.
4. DOORS UPTO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN.
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
6. THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330-90, AND THE SOUTHERN BUILDING CODE SECTION 1606 WIND LOAD DESIGN CRITERIA. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING THE FOLLOWING PARAMETERS:
   A. BASIC WIND SPEED OF 110 MPH
   B. DOOR CAN BE INSTALLED WITH 8 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP
   C. 15' MEAN ROOF HEIGHT AT ANY SLOPE
   D. USE FACTOR OF 1.0
   E. EXPOSURE RATING OF C

WOOD JAMB ATTACHMENT TO STRUCTURE

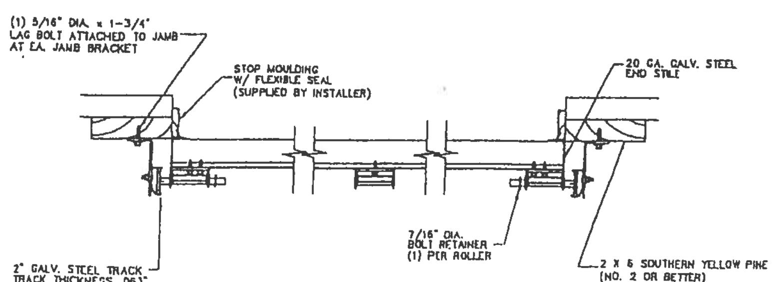
RATED FOR 110 MPH FASTEST-MILE BASIC WIND SPEEDS

VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C.
HILTI SLEEVE ANCHOR 3/8" X 3-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET RED HEAD 3/8" X 3" STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET TAPCON 1/4" X 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 24" O.C.

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS



TRACK MOUNTING DETAIL

MAX SIZE 9' x 8'
DESIGN LOADS +28.7 PSF -31.3 PSF
TEST LOADS +43.0 PSF -46.9 PSF

Amarr
MODEL #600 STRATFORD
MODEL #850 HERITAGE III
SBC-580-007-J

MIAMIDADE

Inswing

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Therma-Tru Corporation
1687 Woodlands Drive
Maumee, Ohio 43537

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "Classic Craft" Opaque Fiberglass Door 8'0 Inswing

APPROVAL DOCUMENT: Drawing No. S-2179, titled "Classic Craft Opaque" Single & Double Inswing 8'0 Fiberglass Door", sheets 1 through 7, prepared by RW Building Consultants, Inc., dated 3/18/02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

The submitted documentation was reviewed by **Raul Rodriguez**

PRODUCT CONTROL ACCEPTED

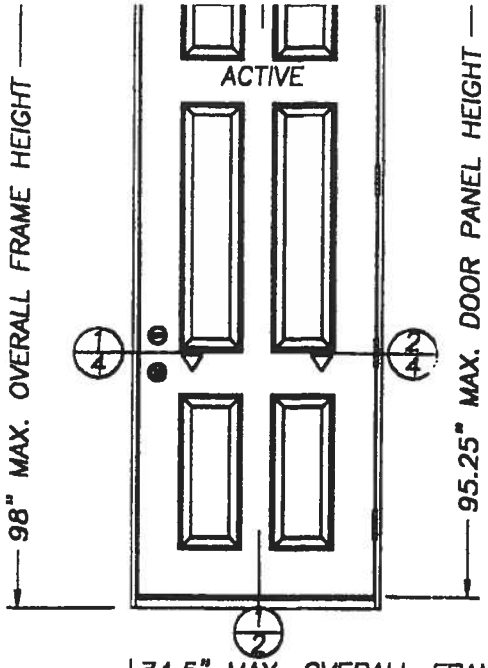
ET THE SOUTH FLORIDA
MIAMI–DADE COUNTY.
IE ANCHORED PROPERLY
JCTURE.
LISTED AND SPACED AS
EDMENT TO BASE MATERIAL
OR STUCCO.
TABLE PAGE 1.
IE WATER REQUIREMENTS

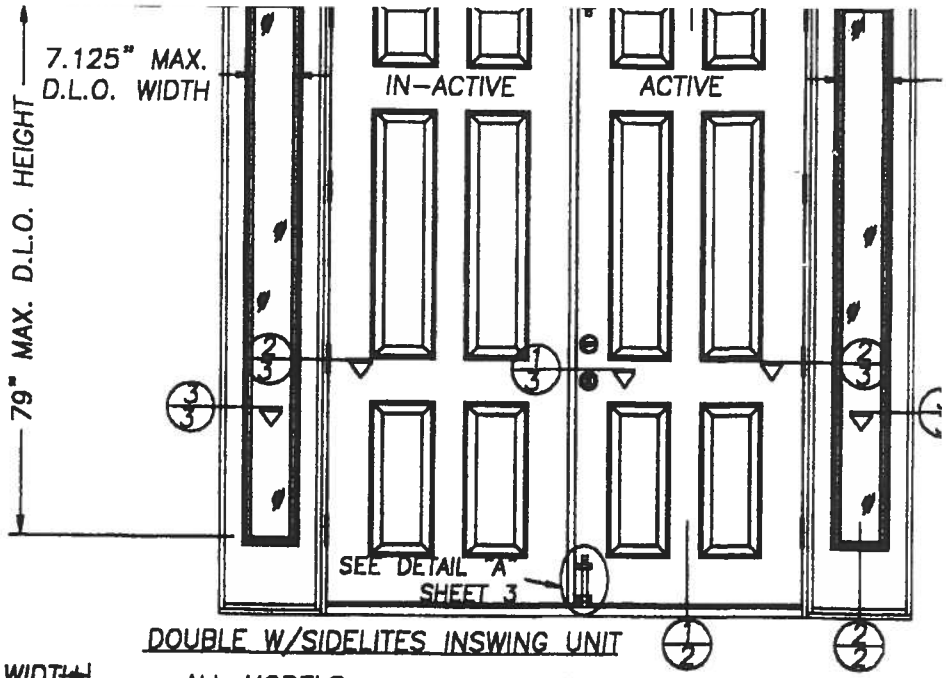
SISTANT SHUTTERS ARE REQUIRED.
N BE USED IN A
V.
T LOCATIONS PROTECTED BY
THE ANGLE BETWEEN THE EDGE
IS LESS THAN 45 DEGREES.
V–HABITABLE AREAS WHERE THE
ED TO ACCEPT WATER INFILTRATION.

ERGLASS DOOR
conditions)

num thickness, with yield strength

h1.9 lbs. density by BASF.
nstructed from a sheet molding
" thk. is filled with 1.9 lbs. density
sheets are glued to the wood stiles
LVL or LSL. The latch stile which is
t. The top and bottom rail are of a
door application the inactive door
ragal of 6060–T6 alloy.
ucted from finger jointed pine. The
(3) #8 x 2 1/2" long screw at each
n a sidelite application using
ws per each mullion. The units uses
75" x 1.548".
andwich glazed using a two piece lip
ed on the exterior with an 1/8"
nd with Dow 795 silicone compond
me to the sidelite panel & to the
with a #8 x 1 1/2" long Plascrew

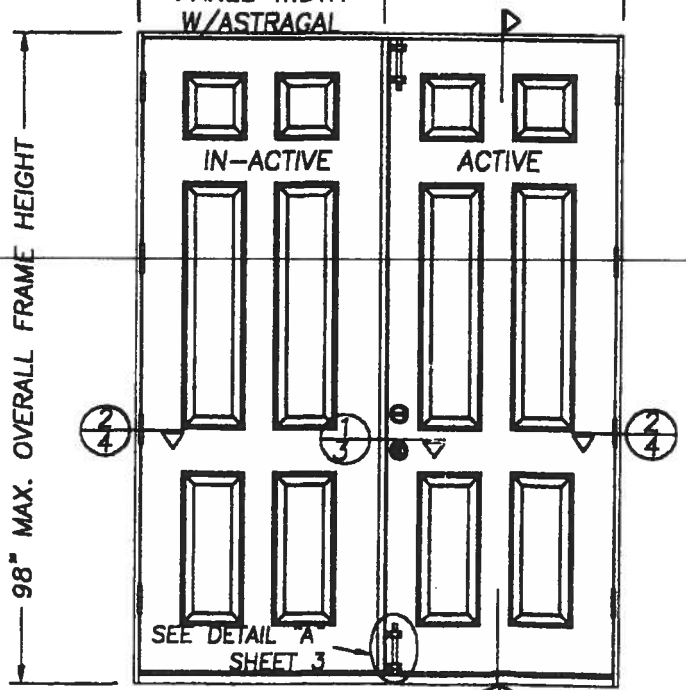




DOUBLE W/SIDELITES INSWING UNIT

74.5" MAX. OVERALL FRAME WIDTH
36.625" MAX.
PANEL WIDTH
W/ASTRAGAL

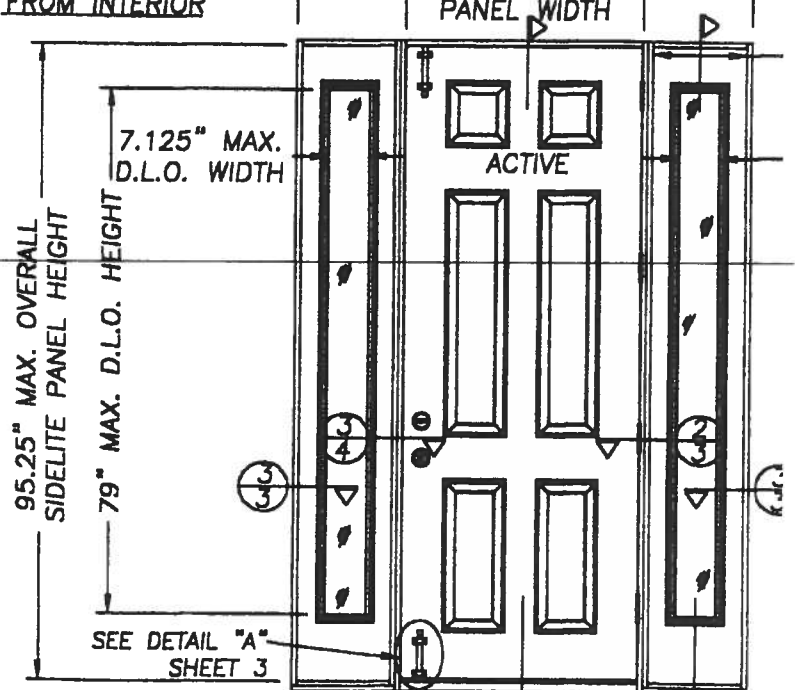
SINGLE INSWING UNIT



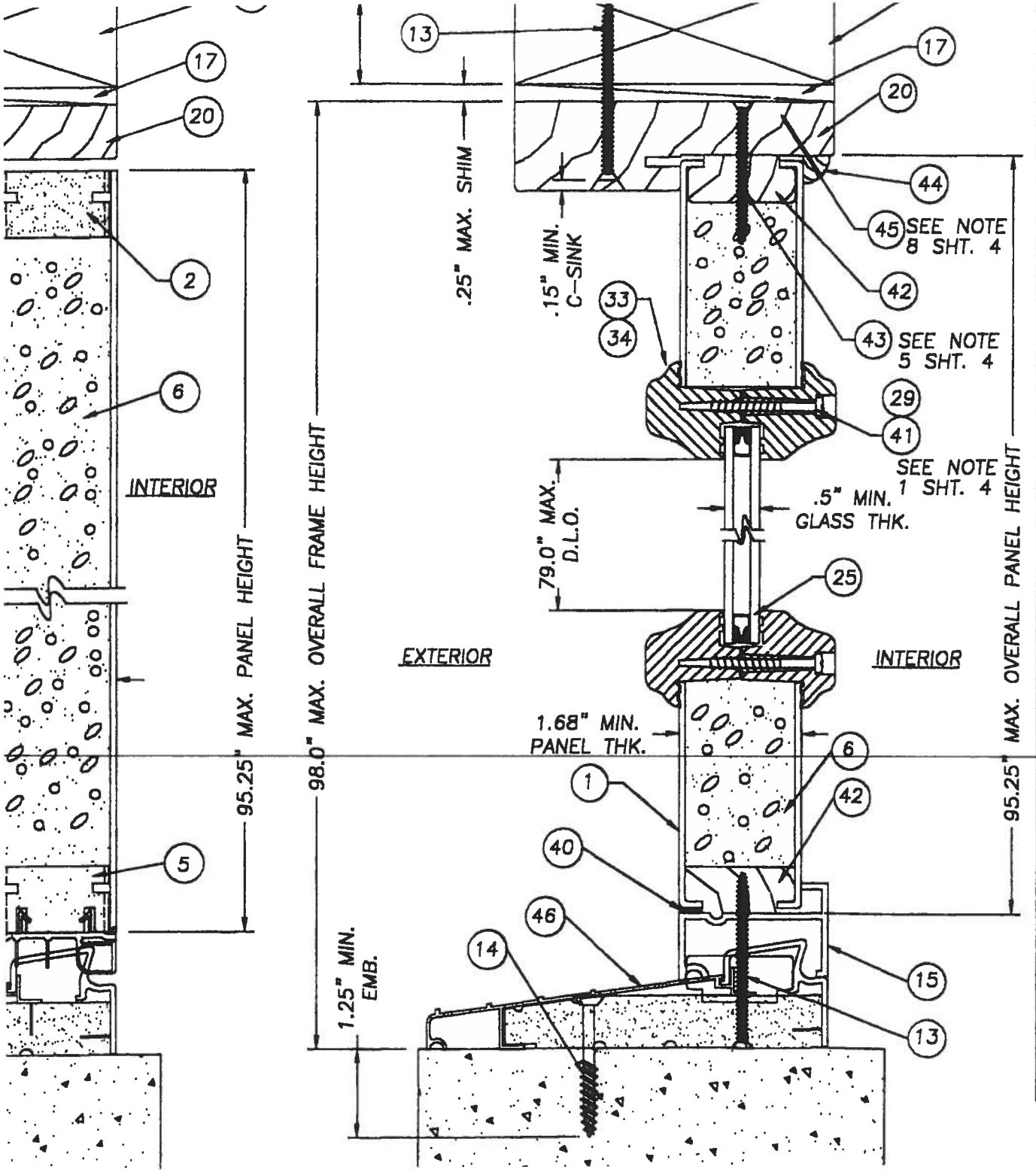
DOUBLE INSWING UNIT

ALL MODELS
ARE VIEWED
FROM INTERIOR

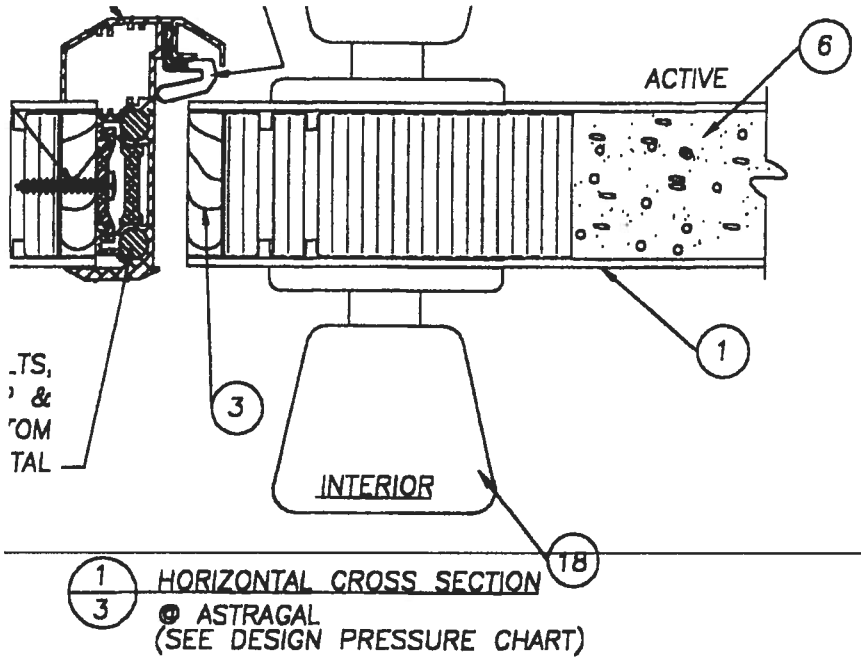
68.5" MAX. OVERALL WIDTH
36" MAX.
PANEL WIDTH



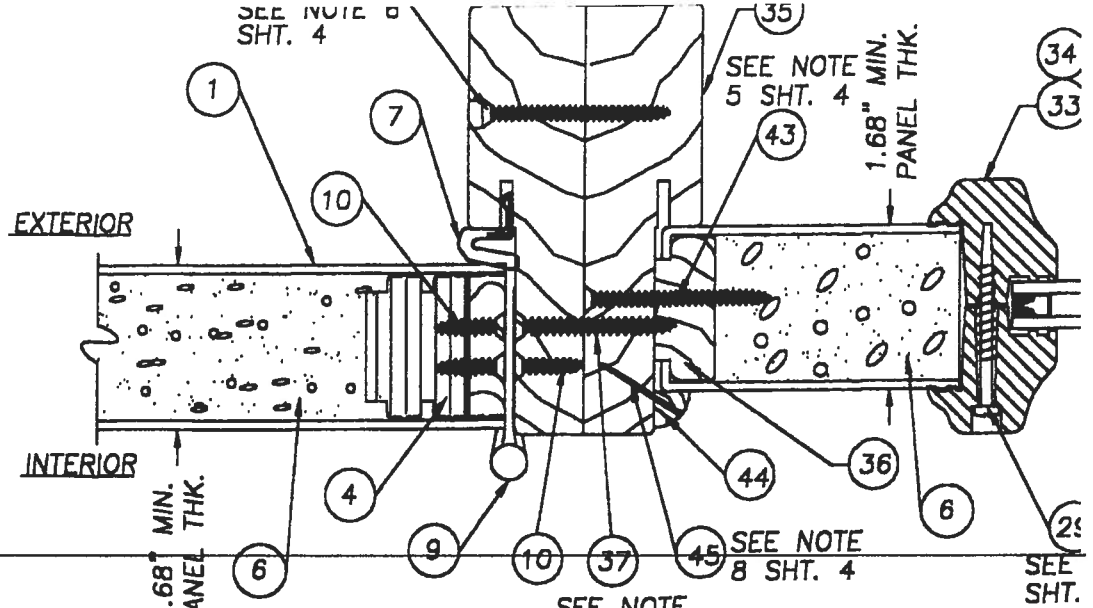
SINGLE W/SIDELITES INSWING UNIT



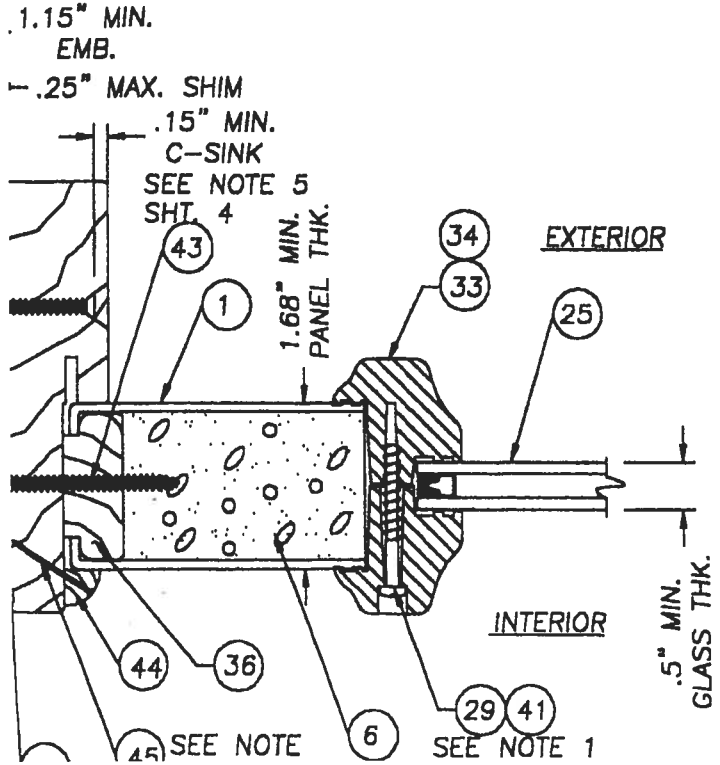
3	LATCH STILE/LOCK BLOCK (THERMA-TRU, LVL OR LSL & OAK 1.50" x 4
4	HINGE STILE (THERMA-TRU, LVL OR LSL & OAK 1.50" x 1.50")
5	BOTTOM RAIL (1.50" x .94" THERMA-TRU WOOD COMPOSITE)
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSIT
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TI
9	4" x 4" HINGE .097" THK. (THERMA-TRU)
10	#10 x 3/4" lg. PFH WOOD SCREW (Hinge to Frame)
11	#10 x 1" LG. PFH WOOD SCREW
12	#10 x 2" LG. PFH WOOD SCREW
13	#8 x 2 1/2" LG. PFH WOOD SCREW
14	3/16" TAPCON ANCHOR (ELCO)
15	SIDELITE BOTTOM BOOT .090" EXTRUDED VIN
16	2x INNER WOOD BUCK
17	MAX. 1/4" SHIM MATERIAL
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK
19	NOT USED
20	HEADER 4.656" x 1.211" (THERMA-TRU, PONDEROSA F
21	4.563" x 1.25" STRIKE JAMB (THERMA-TRU, PONDEROSA I
22	4.563" x 1.25" HINGE JAMB (THERMA-TRU, PONDEROSA P
23	KWIKSET TITAN 700 SERIES DEADBOLT
24	ASTRAGAL WINDJAMBER II WR80T (.052" WAL
25	GLAZING, 1/2" INSULATED TEMPERED GLASS
26	NOT USED
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW
28	NOT USED
29	#8-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM #
30	NOT USED
31	NOT USED
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)
34	PLASTIC LIP LITE FRAME (SMC, THERMA-TRU)
35	4.656" x 1.211" BLANK JAMB (THERMA-TRU, PONDEROSA
36	SIDELITE SIDE STILE (THERMA-TRU, 1.531" x .656" PONDEROSA
37	#10 x 1 3/4" LG. PFH WOOD SCREW
38	SS. LATCH STILE (THERMA-TRU, WOOD COMPOSITE 1.531" x 4.0
39	NOT USED
40	SILICONE CAULK (DOW 795)
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34
42	SIDELITE TOP & BOTTOM RAIL (THERMA-TRU, 1.531" x .656" PONDEROSA
43	#8 x 2" LG. PFH WOOD SCREW
44	3/8" x 3/8" QUARTER ROUND FINGER JOINTED F
45	1" L. x .040" DIA. BRAD TRIM NAIL
46	SELF ADJUSTING INSWING SADDLE THRESHOLD
47	INSWING DOOR BOTTOM SWEEP
48	IVES SURFACE BOLT #454 .25 STEEL
49	1/4-20 SEX BOLT W/ 1/4-20 FEMALE ENI

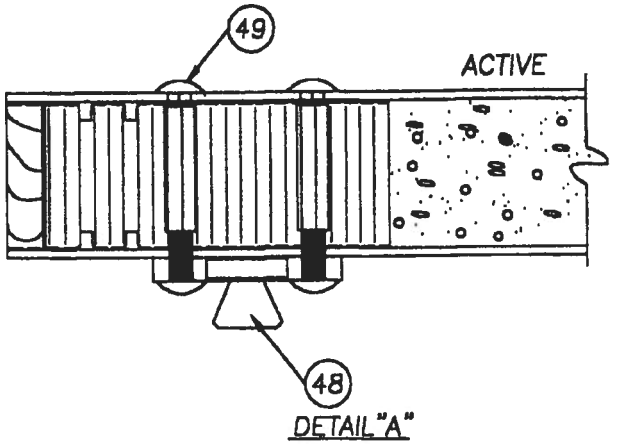


1/3 HORIZONTAL CROSS SECTION
@ ASTRAGAL
(SEE DESIGN PRESSURE CHART)

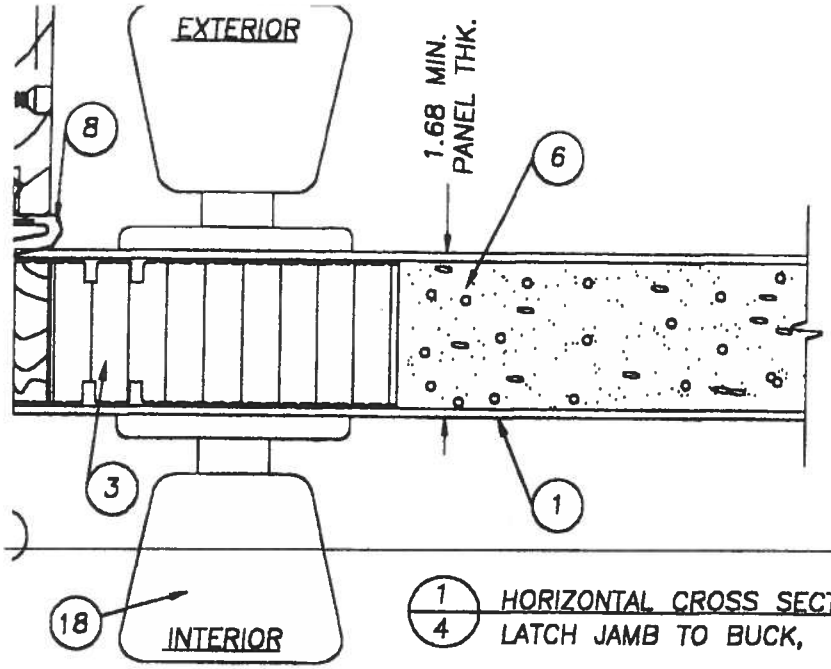


2/3 HORIZONTAL CROSS SECTION
@ HINGE JAMB TO SIDELITE

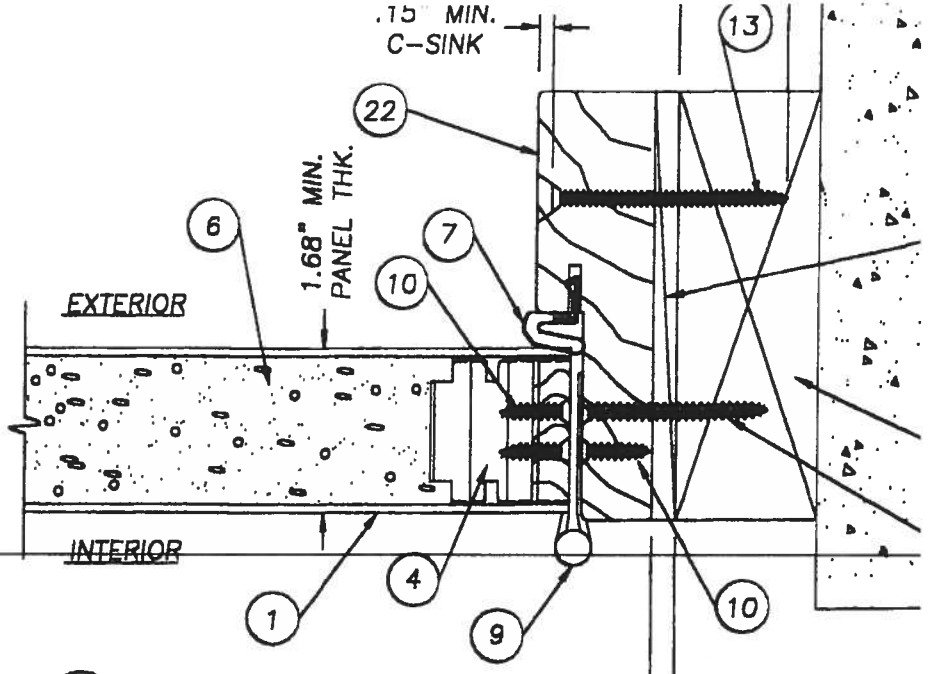




DETAIL "A"
OPTIONAL SURFACE BOLTS IN ACTIVE PANEL
(SEE DESIGN PRESSURE CHART)



1/4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,



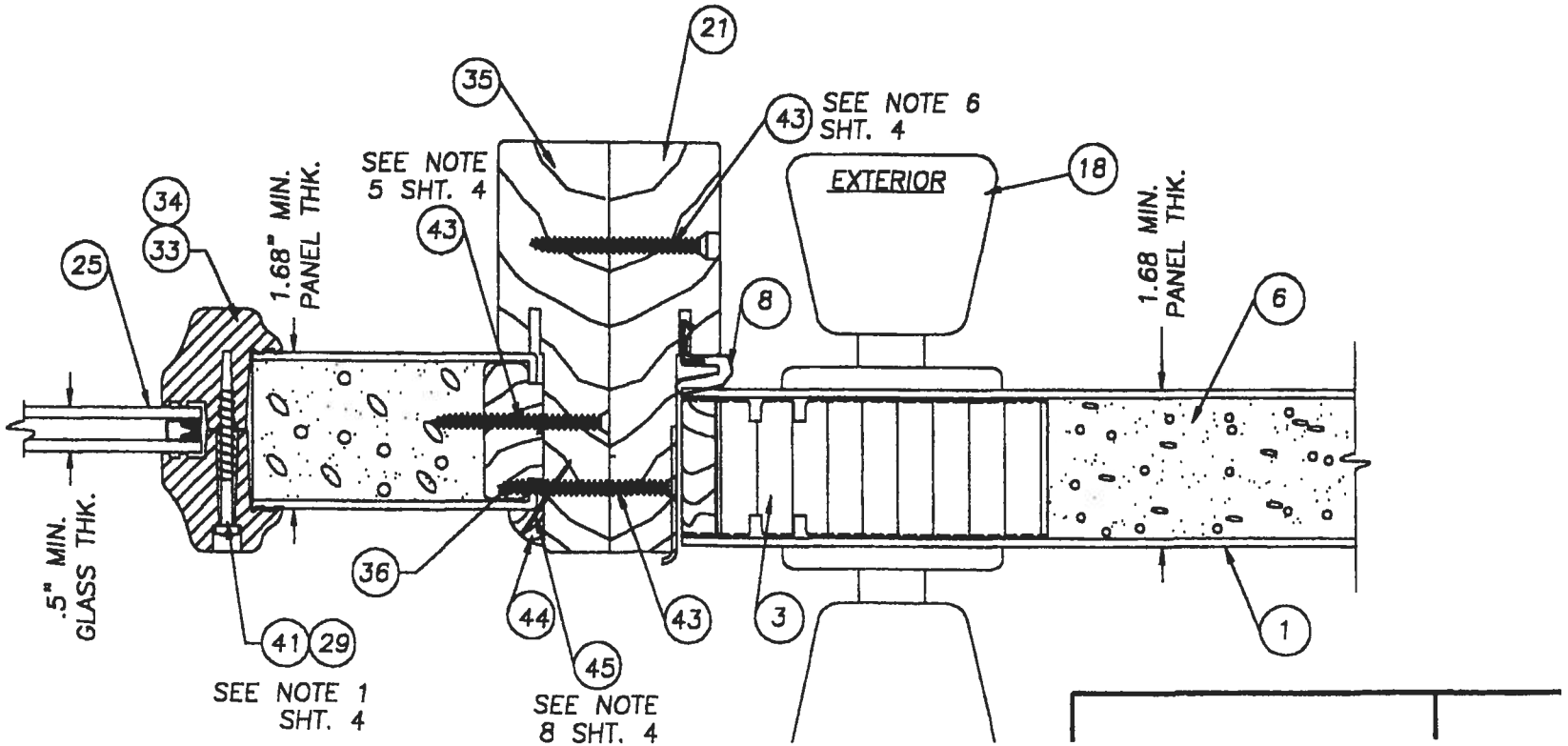
2/4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,
.25" MAX. SHIM SPACE

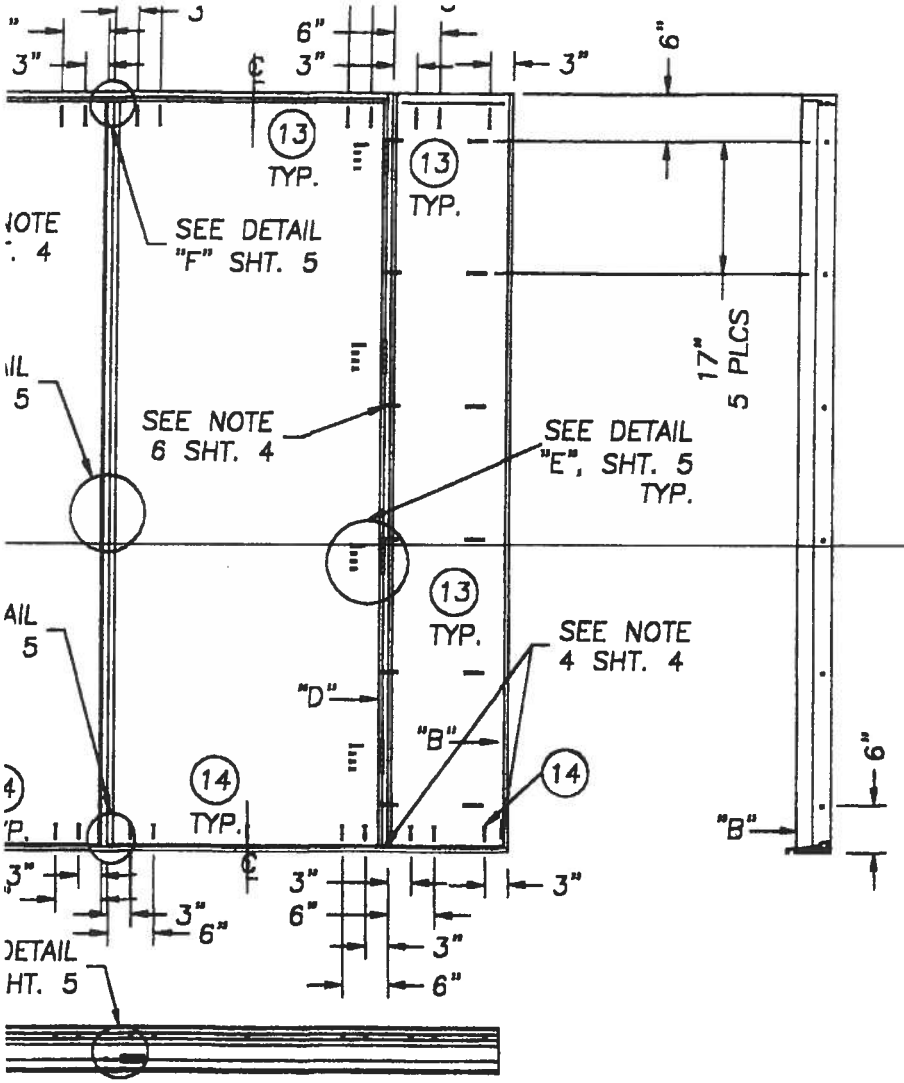
) IS AS FOLLOWS: FROM
WITH (7) MORE SPACED
CREWS BOTH TOP AND
CORNER.
CREW
INACTIVE DOOR IS AS
", 3", 5", 18.25", 54"

HE SIDE JAMBS WITH

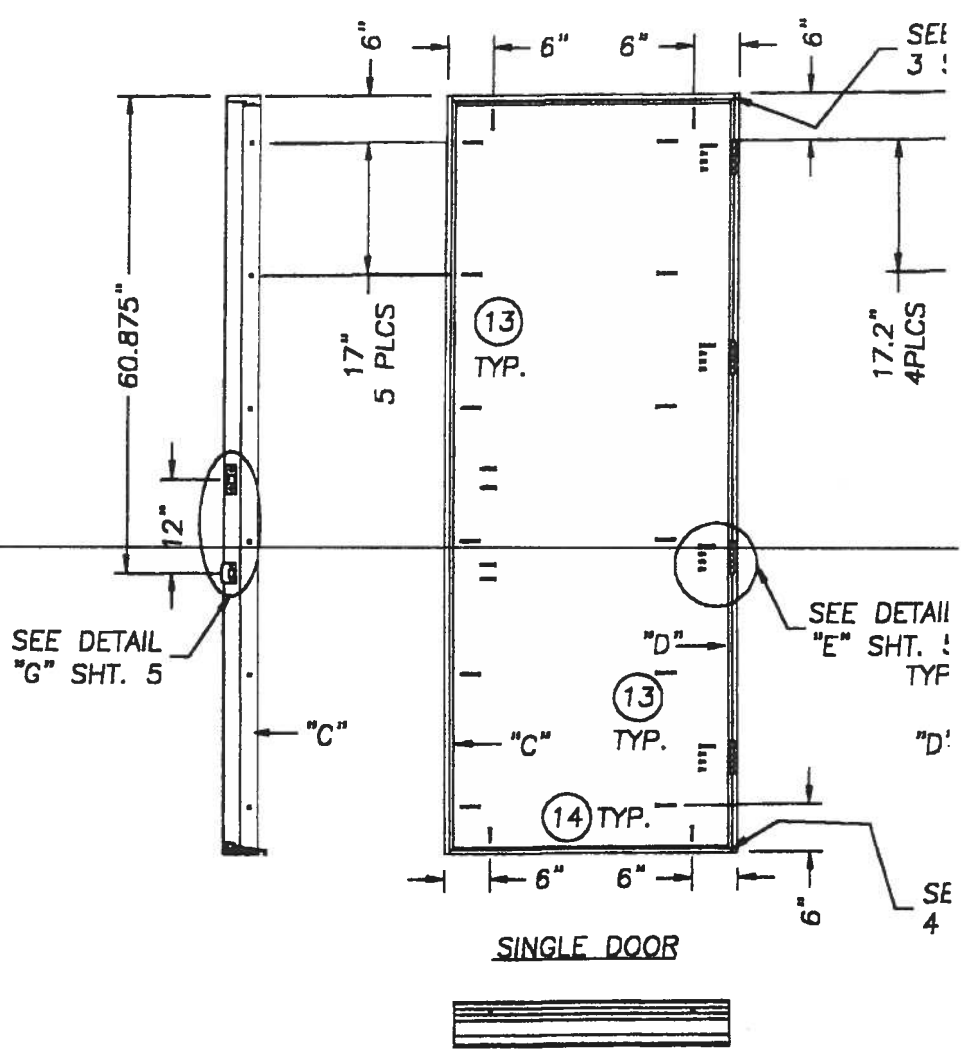
HE SIDE JAMBS WITH

THE JAMB WITH (12)
RE ARE (4) AT
TOP DOWN AT 13.5",
T THE HEADER AT 4"
THE FRAME. THERE ARE
UTSIDE CORNERS.
URING THE MULLIONS
ERIMETER ANCHORING
AND UP FROM THE
T 16.9" O.C.
E JAMB AND THE BUCK
CHING THE HINGE TO

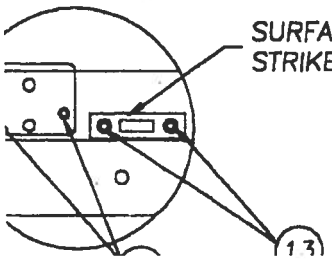


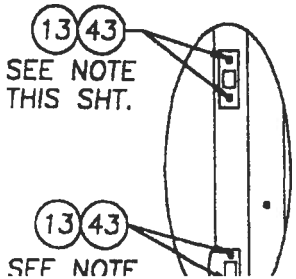


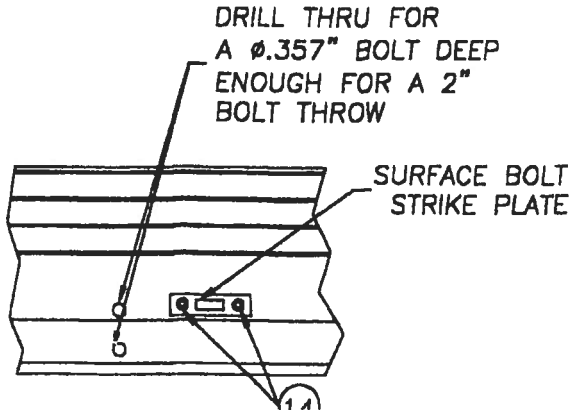
E DOOR W/SIDELITES



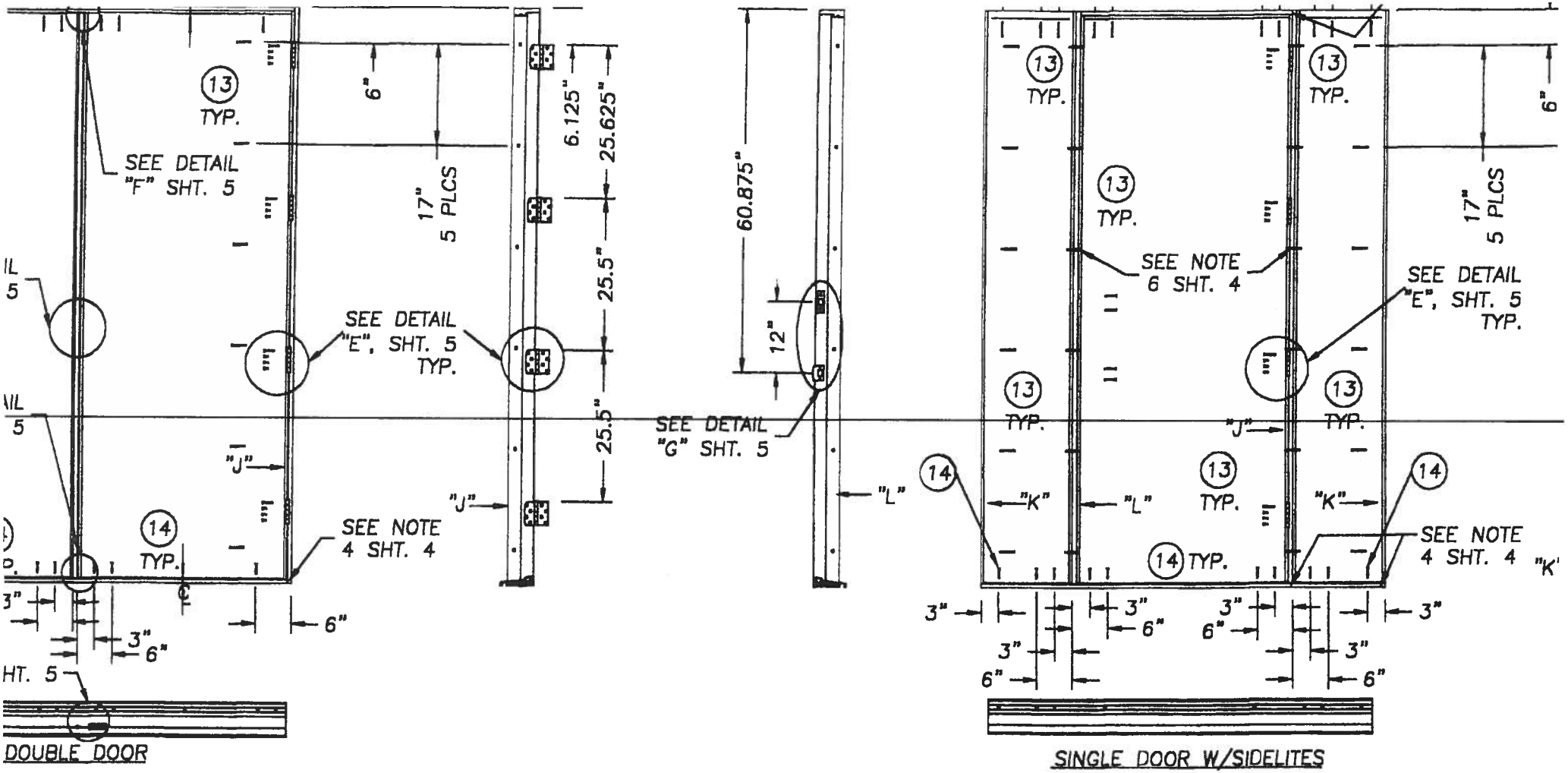
SINGLE DOOR

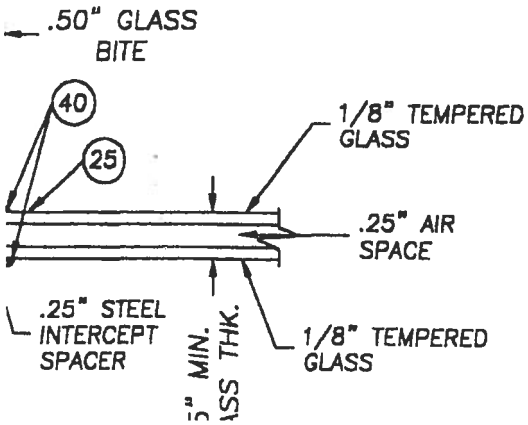


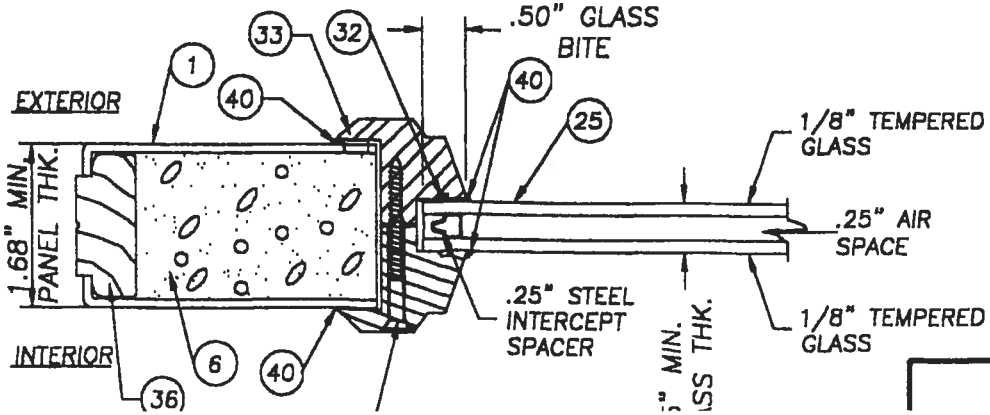


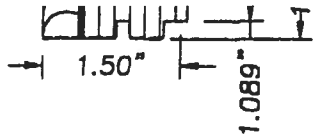


NOTE:
USE ITEM #13 A #8 x 2 1/2" PFH W
ATTACH THE STRIKE AND DEADBOLT PL
JAMB OR ASTRAGAL EXCEPT IN THE M
APPLICATION WITH THE SIDELITE USE I
2" PFH WOOD SCREW.


13 TYP.
SEE DETAIL "F" SHT. 5
6"
17" 5 PLCS
6.125"
25.625"
25.5"
25.5"
SEE DETAIL "E", SHT. 5 TYP.
"J"
14 TYP.
SEE NOTE 4 SHT. 4
3"
6"
60.875"
12"
SEE DETAIL "G" SHT. 5
"L"
SEE NOTE 6 SHT. 4
"K"
DOUBLE DOOR
SINGLE DOOR W/SIDELITES

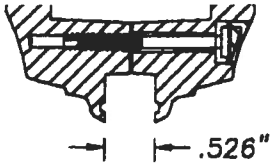

.50" GLASS BITE
40
25
1/8" TEMPERED GLASS
.25" AIR SPACE
.25" STEEL INTERCEPT SPACER
1/8" TEMPERED GLASS


1
33
32
.50" GLASS BITE
40
25
EXTERIOR
1.68" MIN. PANEL THK.
1/8" TEMPERED GLASS
.25" AIR SPACE
.25" STEEL INTERCEPT SPACER
1/8" TEMPERED GLASS
INTERIOR
6
40
36

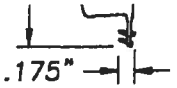


(4) HINGE SIDE STILE

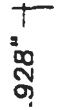
CORE MATERIAL: LVL OR LSL
ALTERNATE CORE MATERIAL: PONDEROSA, RADIATA, PULAI, ELLIOTTII, TAEDA OR SUGAR PINE, DOUGLAS OR WHITE FIR, CEDAR, INCENSE CEDAR OR REDWOOD.



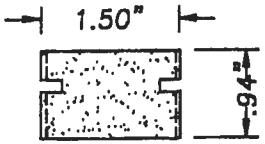
(34) PLASTIC LIP LITE FRAME
EXTRUDED SMC



(7) COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/VINYL JACKET

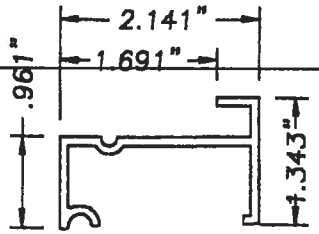


(8) LONG
COMPRESSION
FOAM CELL CORE

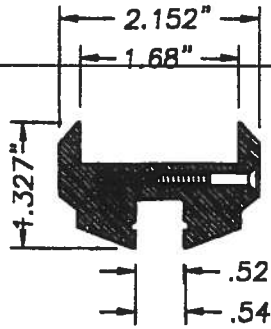


(2) TOP RAIL
WOOD COMPOSITE

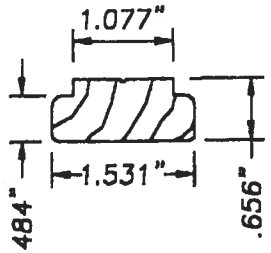
(5) BOT
WOOD



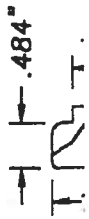
(15) INSWING SIDELITE
BOTTOM BOOT
0.09" EXTRUDED VINYL WALL



(33) PLASTIC LIP LITE FRAME
EXTRUDED PVC

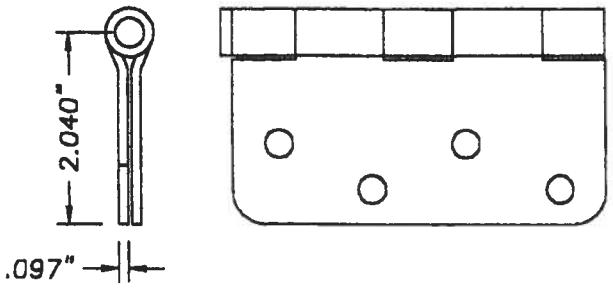


(42) SIDELITE TOP
& BOTTOM RAIL

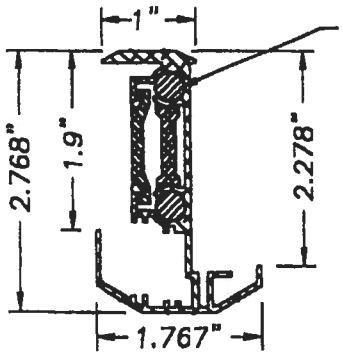


(36) SIDELI
SIDE
FINGER
PONDE

EEP
N. WALL

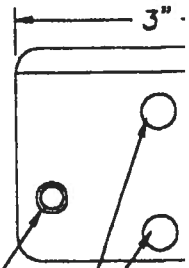


(9) 4 x 4 STEEL DOOR HINGE

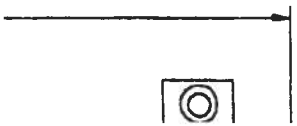


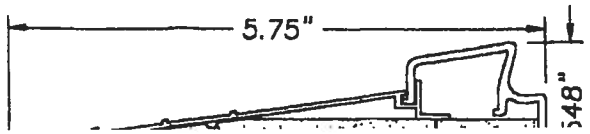
ASTRAGAL RETAINER BOLTS,
(2) 17.0" LG. X 0.3125" DIA.
@ TOP & (2) 8.0" LG. X
0.3125" DIA. @ BOTTOM
(4) BOLTS TOTAL

(24) WINDJAMBER II WR80T
ASTRAGAL (ALUMINUM .052" WALL TYP.)



DRILL
.357"
RETAI
DRILL THROUGH FOR
PFH WOOD SCREW
WINDJAMBER II WR80





Architectural Testing

AAMA/WDMA/CSA 101/I.S.2/A440-05
TEST REPORT

Rendered to:

MI WINDOWS AND DOORS, INC.

SERIES/MODEL: 165
PRODUCT TYPE: Aluminum Single Hung (Fin)

Title	Summary of Results
Primary Product Designator	H-LC30 1114 x 1905 (44 x 75)
Operating Force (in motion)	76 N (17 lbf)
Air Infiltration	1.0 L/s/m^2 (0.20 cfm/ft^2)
Water Penetration Resistance Test Pressure*	260 Pa (5.43 psf)
Uniform Load Structural Test Pressure	±2160 Pa (45.14 psf)
Forced Entry Resistance	Grade 10

*-Optional Secondary Designators

Test Completion Date: 03/16/06

Reference must be made to Report No. 63771.01-109-47, 03/29/06 for complete test specimen description and data.

130 Derry Court
York, PA 17402-9405
phone: 717-764-7700
fax: 717-764-4129
www.archtest.com

Architectural Testing

AAMA/WDMA/CSA 101/I.S.2/A440-05 TEST REPORT

Rendered to:

MI WINDOWS AND DOORS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No.:	63771.01-109-47
Test Dates:	03/14/06
Through:	03/16/06
Report Date:	03/29/06
Expiration Date:	03/16/10

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Windows and Doors, Inc. to witness testing on a Series/Model 165, aluminum single hung window at the MI Windows and Doors, Inc. test facility in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for an H-LC30 1114 x 1905 (44 x 75) rating. Test specimen description and results are reported herein.

Test Specification: The test specimen was evaluated in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-05, *Standard/Specification for Windows, Doors, and Unit Skylights.*

Test Specimen Description:

Series/Model: 165

Product Type: Aluminum Single Hung (Fin)

Overall Size: 1114 mm (43-7/8") wide by 1905 mm (75") high

Interior Sash Size: 1078 mm (42-7/16") wide by 952 mm (37-1/2") high

Fixed Daylight Opening Size: 1032 mm (40-5/8") wide by 892 mm (35-1/8") high

Screen Size: 1048 mm (41-1/4") wide by 946 mm (37-1/4") high

Overall Area: 2.1 m^2 (22.8 ft^2)

130 Derry Court
York, PA 17402-9405
phone: 717-764-7700
fax: 717-764-4129
www.archtest.com

Test Specimen Description: (Continued)

Finish: All aluminum was white.

Frame Construction: The frame was constructed of extruded aluminum members. Corners were coped, butted, sealed, and fastened with two #6 x 3/4" screws. The fixed meeting rail was secured with a PVC bracket that was fastened to the frame with two #6 x 5/8" self-tapping screws and fastened to the fixed meeting rail with two #6 x 1/2" screws.

Sash Construction: The sash was constructed of extruded aluminum members. Corners were coped, butted, sealed, and fastened with one #6 x 1" screw.

Glazing Details: The unit was glazed with 1/2" thick insulating glass constructed of two sheets of 1/8" thick clear annealed glass and a metal reinforced butyl spacer system. The glass was set from the interior onto a silicone bedding and secured with snap-in PVC glazing beads.

Weatherstripping:

Description	Quantity	Location
0.187" backed by 0.250" high polypile with center fin	1 Row	Stiles
0.187" backed by 0.270" high polypile with center fin	1 Row	Stiles
0.187" backed by 0.210" high polypile with center fin	1 Row	Fixed meeting rail
0.187" backed by 0.250" high polypile, 1" long pad	2	Sill, each end
0.187" backed by 3/8" diameter, two leaf foam filled vinyl bulb seal	1 Row	Bottom rail

Drainage: A sloped sill was utilized.

Test Specimen Description: (Continued)

Hardware:

Description	Quantity	Location
Metal sweep locks with adjacent keepers	2	Meeting rail, 7" from each end
Plastic tilt latches	2	Each end of the interior meeting rail
Pivot pins	2	Each end of the bottom rail
Coil balance	2	Jambs

Reinforcement: No reinforcement was utilized.

Screen Construction: The screen was constructed of roll-formed aluminum. Corners were square-cut and secured with plastic corner keys. The screen mesh was secured with a flexible vinyl spline.

Installation: The unit was installed into a wood test buck. The nail fin was set onto a bed of silicone and fastened with #6 x 1-5/8" screws, 3" from each end and 10" on center.

Test Results: The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
5.3.1	Operating Force per ASTM E 2068		
	Initiate motion	71 N (16 lbf)	N/A
	Maintain motion	76 N (17 lbf)	135 N (30 lbf)
	Latches	27 N (6 lbf)	100 N (22.5 lbf)
5.3.2.1	Air Leakage Resistance per ASTM E 283		
	75 Pa (1.6 psf)	1.0 L/s/m^2 (0.20 cfm/ft^2)	1.5 L/s/m^2 (0.3 cfm/ft^2 max.)

Note #1: The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2/A440-05 for air leakage resistance.

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
5.3.3	Water Penetration Resistance per ASTM E 547		See Note #2
5.3.4.2	Uniform Load Deflection per ASTM E 330		See Note #2
5.3.4.3	Uniform Load Structural per ASTM E 330		See Note #2

Note #2: The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance".

5.3.5	Forced Entry Resistance per ASTM F 588		
	Type: A	Grade: 10	
	Disassembly Test	No entry	No entry
	Test A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Hardware Manipulation Test	No entry	No entry
	Sash/Panel Manipulation Test	No entry	No entry
5.3.6.3	Deglazing Test		
	In operating direction - 320 N (70 lbs)		
	Interior meeting rail	3.0 mm (0.12")	11.4 mm (0.45")
	Bottom rail	2.5 mm (0.10")	11.4 mm (0.45")
	In remaining direction - 230 N (50 lbs)		
	Left stile	1.8 mm (0.07")	11.4 mm (0.45")
	Right stile	1.8 mm (0.07")	11.4 mm (0.45")

Optional Performance

4.4.2.6	Water Penetration Resistance per ASTM E 547 (with and without insect screen) 260 Pa (5.43 psf)	No leakage	No leakage

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
	Optional Performance: (Continued)		
4.4.2.6	Uniform Load Deflection per ASTM E 330 (Deflections were taken on the meeting rail) (Loads were held for 52 seconds)		
	1440 Pa (30.09 psf) (positive)	11.2 mm (0.44")	See Note #3
	1440 Pa (30.09 psf) (negative)	9.9 mm (0.39")	See Note #3
4.4.2.6	Uniform Load Structural per ASTM E 330 (Permanent sets were taken on the meeting rail) (Loads were held for 10 seconds)		
	2160 Pa (45.14 psf) (positive)	1.3 mm (0.05")	4.1 mm (0.16") max.
	2160 Pa (45.14 psf) (negative)	0.25 mm (0.01")	4.1 mm (0.16") max.

***Note #3**: The deflections reported are not limited by AAMA/WDMA/CSA 101/I.S.2/A440-05 for this product designation. The deflection data is recorded in this report for special code compliance and information only.*

Drawing Reference: The test specimen drawings have been reviewed by ATI and are representative of the test specimen reported herein.

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 from the original test date. 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. This report may not be reproduced, except in full, without the approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.

Jeramie D. Grabosch

Digitally Signed by: Jeramie D. Grabosch

Jeramie D. Grabosch
Technician

Digitally Signed by: Steven M. Urich

Steven M. Urich, P.E.
Senior Project Engineer

JDG:jdg/vlm

Attachments (pages):
Appendix-A: Alteration Addendum (1)

Revision Log

Rev. #	Date	Page(s)	Revision(s)
0	03/29/06	N/A	Original report issue

Architectural Testing

Appendix A

Alteration Addendum

Note: No alterations were required.

Outswing

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Therma-Tru Corporation
1687 Woodlands Drive
Maumee, Ohio 43537

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "Classic Craft" 8'0 Outswing Opaque Fiberglass Door w & w/o Sidelites

APPROVAL DOCUMENT: Drawing No. **S-2162**, titled "Classic Craft Opaque" Single & Double Outswing 8'0 Fiberglass Door, sheets 1 through 7, prepared by RW Building Consultants, Inc., dated 11/10/01, with revision #2 dated 5/27/02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA consists of this page 1 as well as approval document mentioned above
The submitted documentation was reviewed by **Manuel Perez, P.E.**

PRODUCT CONTROL ACCEPTED

OTES
MEET THE FLORIDA

ST BE ANCHORED PROPERLY
STRUCTURE.
AS LISTED AND SPACED AS
EMBEDMENT TO BASE MATERIAL
SING OR STUCCO.
EE TABLE SHEET 1.
ER REQUIREMENTS FOR
S" WITH USE OF HIGH DAM

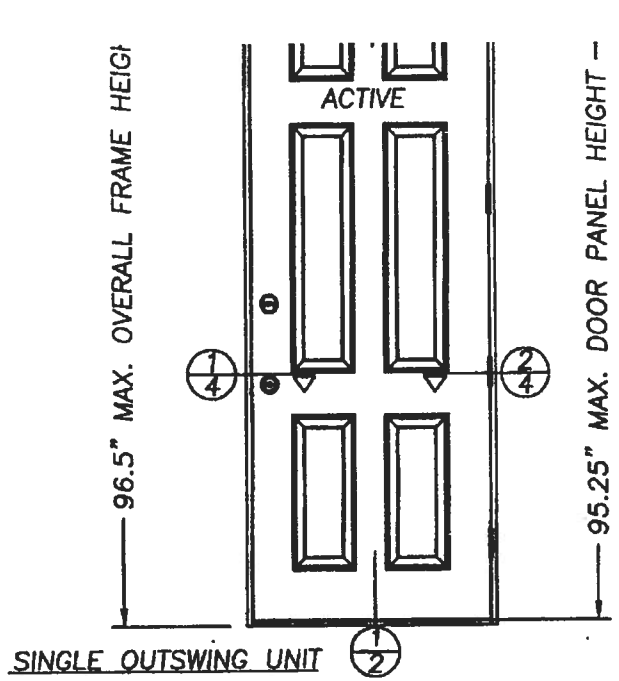
IN AREAS REQUIRING WIND
ORIDA BUILDING CODE
SHUTTERS ARE REQUIRED.

CAN BE USED IN A
ATION.

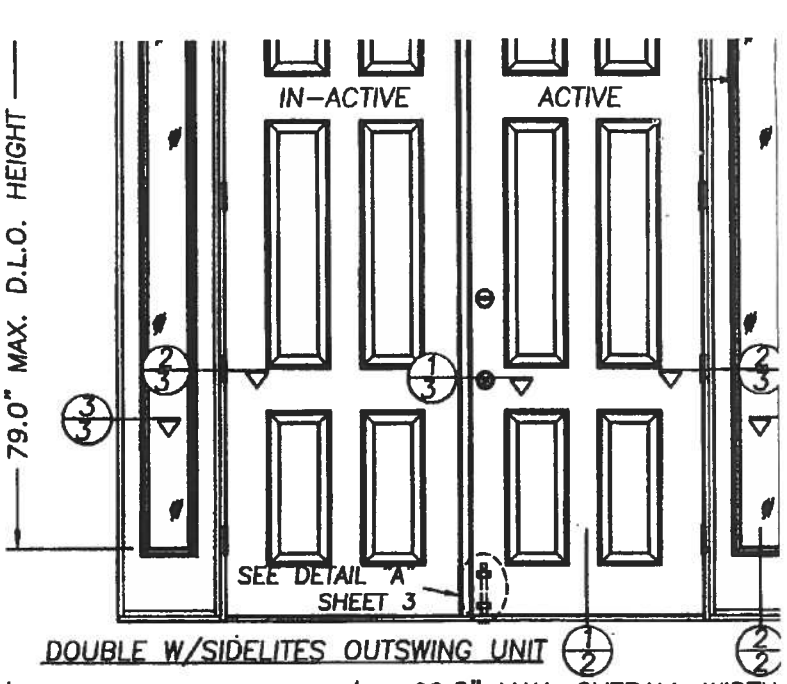
FIBERGLASS DOOR
me conditions)

):
25" minimum thickness,
0 psi
core,

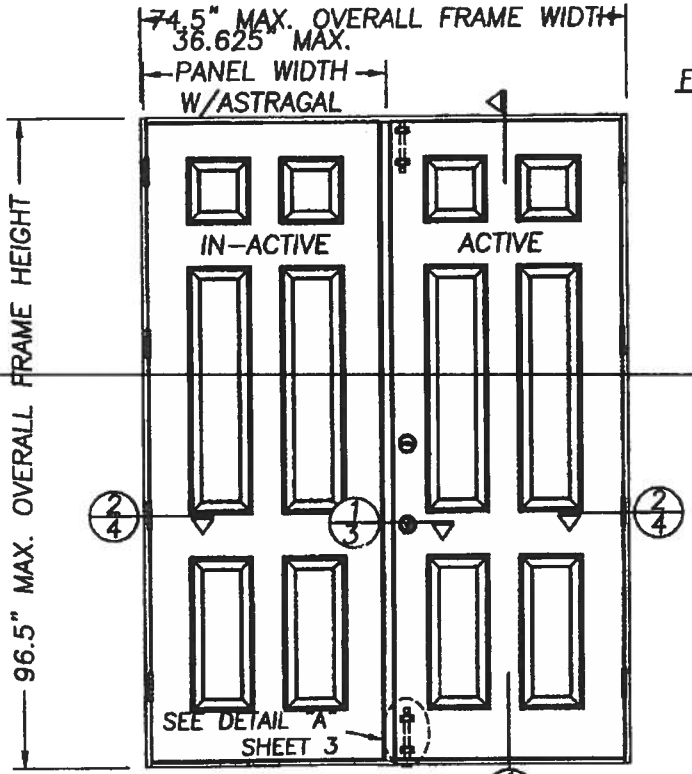
in is constructed from a
and (SMC). The interior cavity
SF polyurethane foam. The
the wood stiles and rails.
AL or LSL. The latch stile
atch reinforcement. The top
composite material. In the
ive door is fitted with an
6060-T6 alloy.
cted from finger jointed pine. The
(3) #8 x 2 1/2" long Phillips flathead
ured together in a sidelite application
5) screws per each mullion. The units
r a Low Profile or High Water Dam type.
andwich glazed using a two piece
exterior with an 1/8" thk. cellular
Silicon Compound. The lite frames are
Plascrew or a #6-18 1 3/4" long



SINGLE OUTSWING UNIT

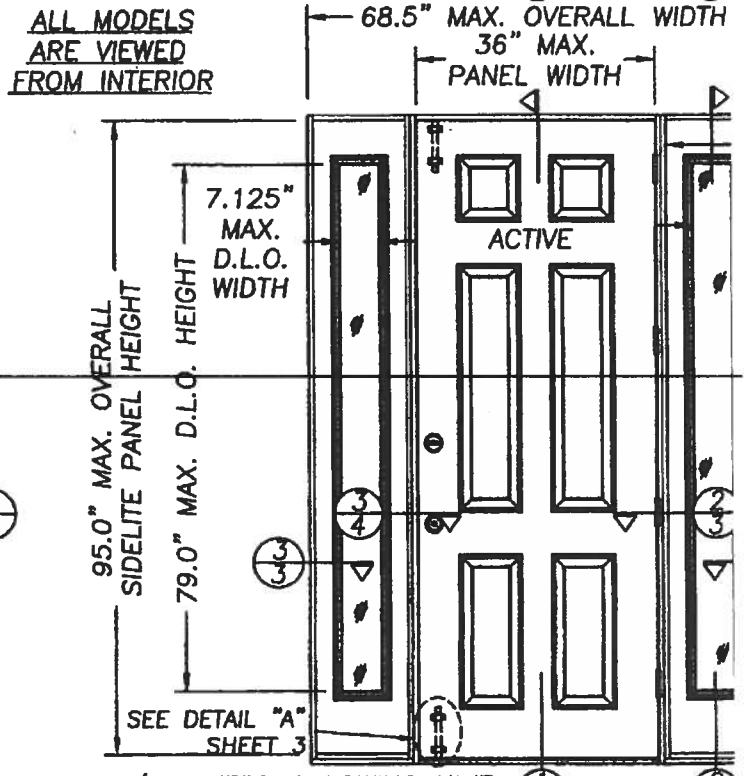


DOUBLE W/SIDELITES OUTSWING UNIT



DOUBLE OUTSWING UNIT

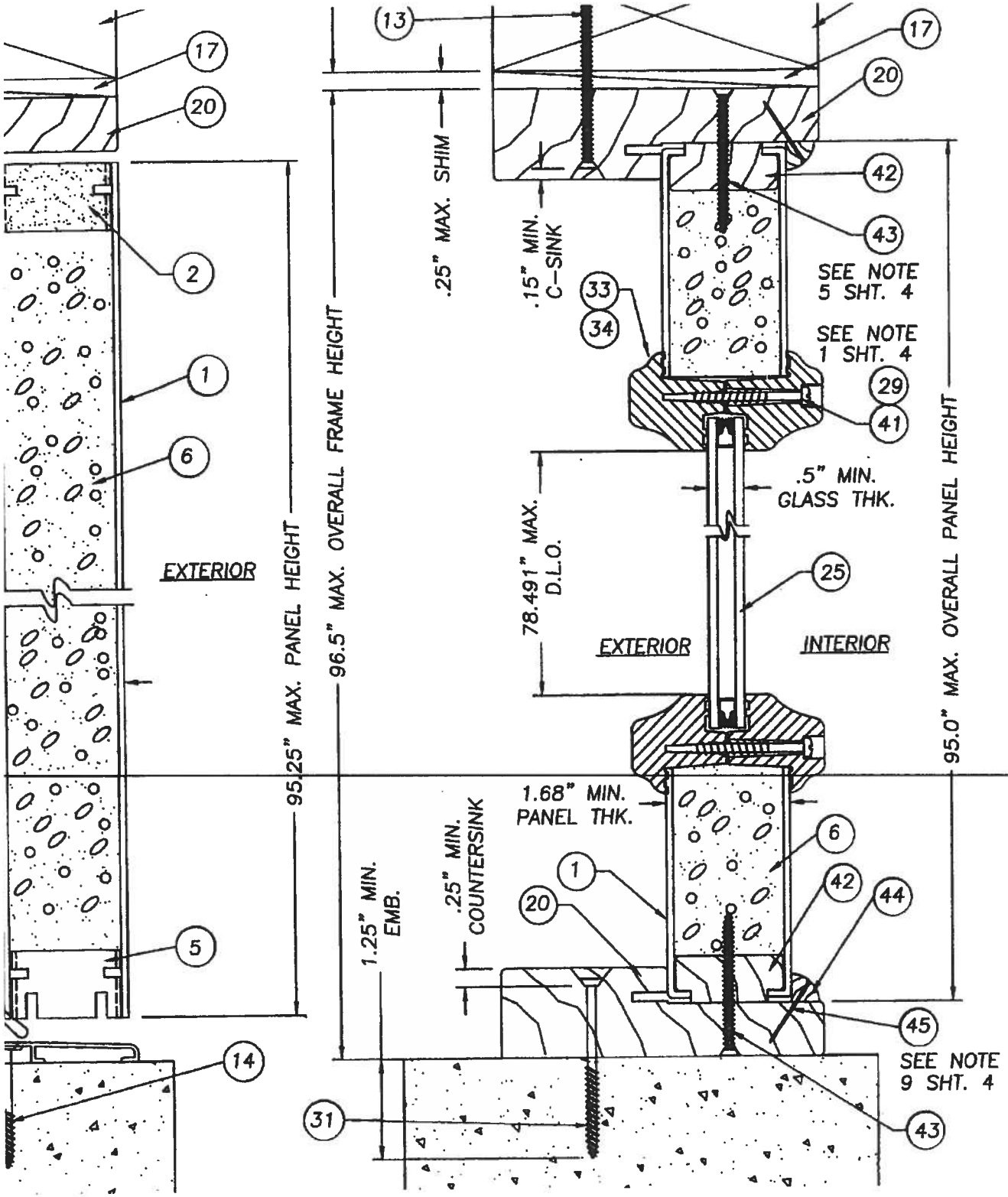
ALL MODELS ARE VIEWED FROM INTERIOR



SINGLE W/SIDELITES OUTSWING UNIT

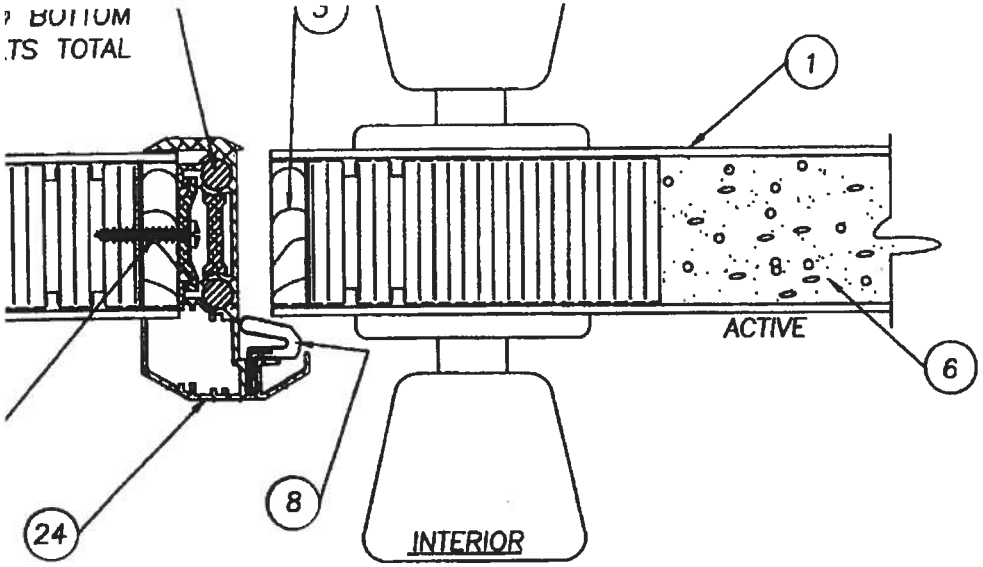
DESIGN PRESSURE RATING
WHERE WATER INFILTRATION IS REQUIRED

A1

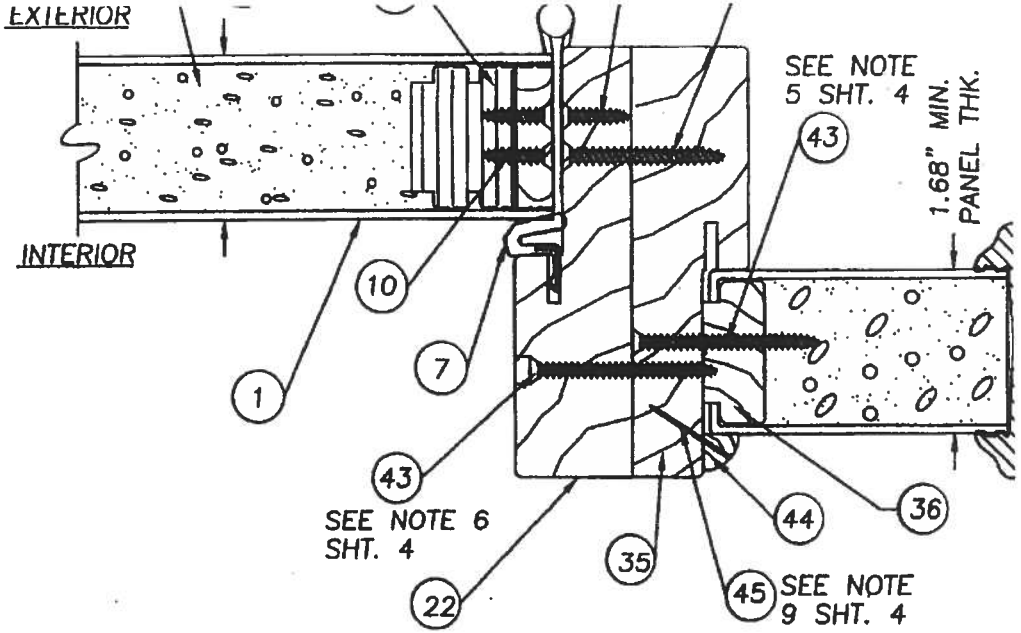


4	HINGE STILE (THERMA-TRU, LVL OR LSL & OAK 1.50" x
5	BOTTOM RAIL (1.50" x .94" THERMA-TRU WOOD COMPOSI
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-TRU
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)
9	4" x 4" HINGE .097" THK. (THERMA-TRU)
10	#10 x 3/4" lg. PFH WOOD SCREW (Hinge to Frame)
11	NOT USED
12	#10 x 2" LG. PFH WOOD SCREW
13	#8 x 2 1/2" LG. PFH WOOD SCREW
14	3/16" TAPCON ANCHOR (ELCO)
15	NOT USED
16	2x INNER WOOD BUCK
17	MAX. 1/4" SHIM MATERIAL
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK
19	ONE PIECE BUMP FACE THRESHOLD (THERMA-TRU) (NOT FOR USE IN "HIGH VELOCITY HURRICANE ZONES"
20	HEADER 4.656" x 1.211" (THERMA-TRU, PINE)
21	4.563" x 1.25" STRIKE JAMB (THERMA-TRU, PINE)
22	4.563" x 1.25" HINGE JAMB (THERMA-TRU, PINE)
23	KWIKSET TITAN 700 SERIES DEADBOLT
24	ASTRAGAL WINDJAMBER II WR80T (.052" WALL)
25	GLAZING, 1/2" INSULATED TEMPERED GLASS
26	NOT USED
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW
28	NOT USED
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM
30	NOT USED
31	3/16" TAPCON ANCHOR (ELCO, 2.5" MIN. LG.)
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)
34	PLASTIC LIP LITE FRAME (SMC THERMA-TRU)
35	4.656" x 1.211" BLANK JAMB (THERMA-TRU, PINE)
36	SIDELITE SIDE STILE (THERMA-TRU, 1.531" x .656" PINE)
37	#10 x 1 3/4" LG. PFH WOOD SCREW
38	SS. LATCH STILE (THERMA-TRU, WOOD COMPOSITE 1.531" x 4
39	HIGH WATER DAM THRESHOLD (USE IS REQUIRED IN "HIGH VELOCITY HURRICANE ZONES
40	SILICONE CAULK (DOW 795)
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)
42	SIDELITE TOP & BOTTOM RAIL (THERMA-TRU, 1.531" x .656"
43	#8 x 2" LG. PFH WOOD SCREW
44	3/8" x 3/8" QUARTER ROUND FINGER JOINTED PINE
45	1" L. x .040" DIA. BRAD TRIM NAIL
46	IVES SURFACE BOLT #454 8.0" L. x .25" THK. STEEL
47	1/4-20 SEX BOLT W/1/4-20 FEMALE END x 1 3/4" L.

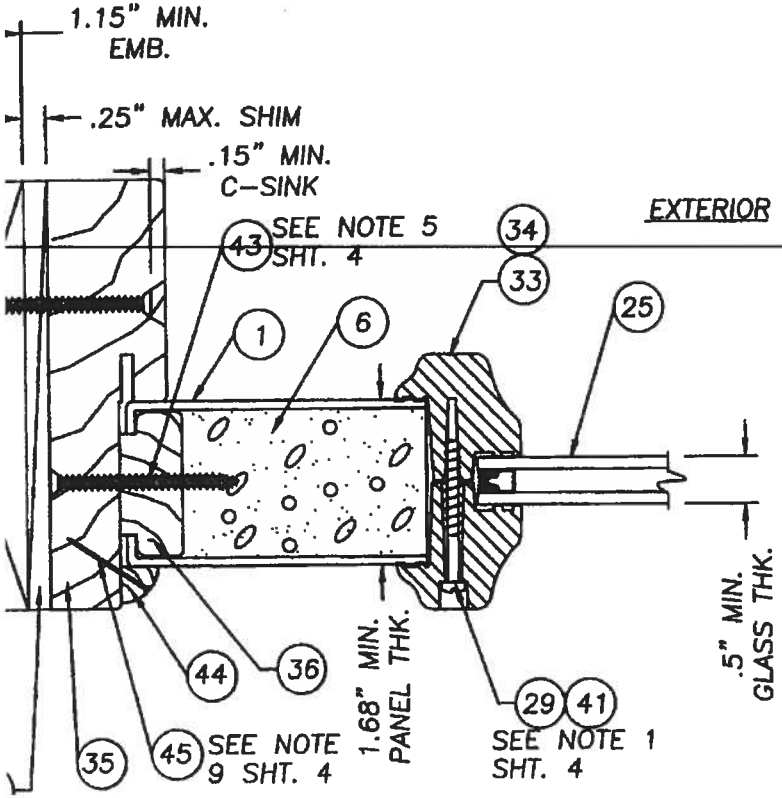
Apar

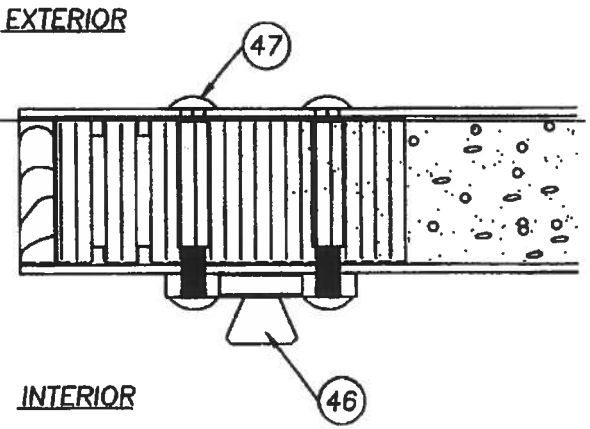


1/3 HORIZONTAL CROSS SECTION
@ ASTRAGAL
(SEE DESIGN PRESSURE RATE CHART)

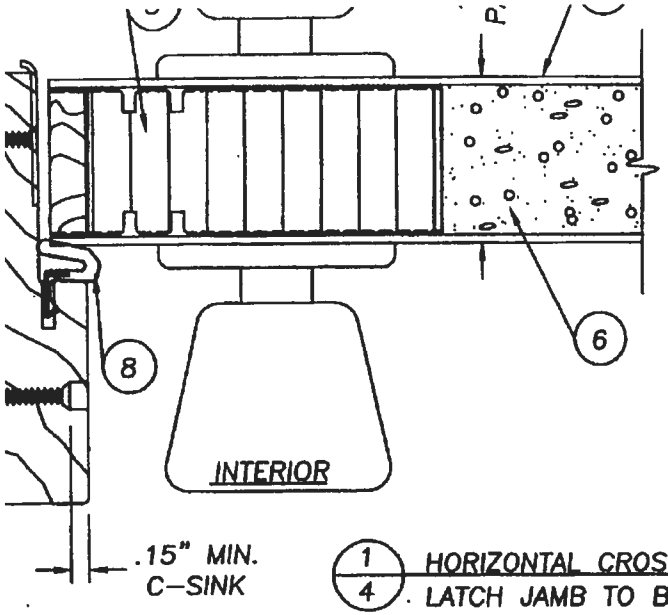


2/3 HORIZONTAL CROSS SI
@ HINGE JAMB TO SIL



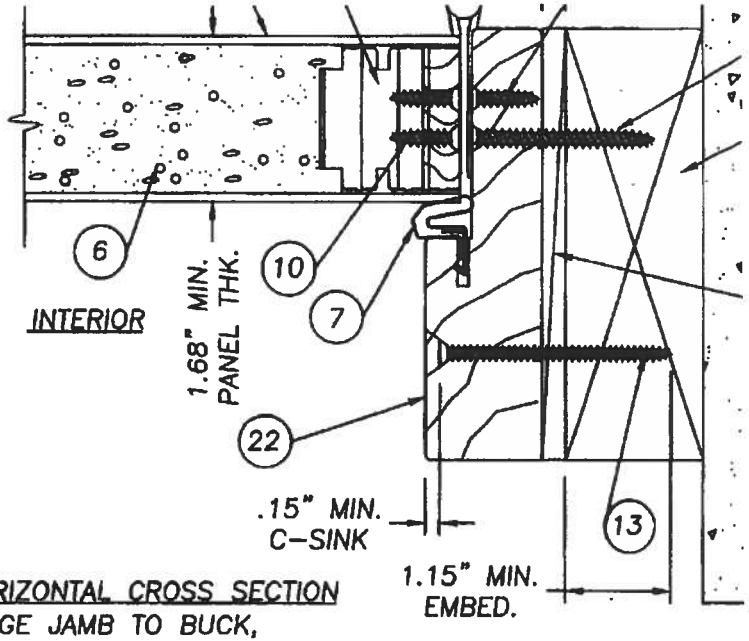


DETAIL "A"
OPTIONAL SURFACE BOLTS IN ACTIVE
(SEE DESIGN PRESSURE CHART)



1/4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,

15" MIN.
EMBED.



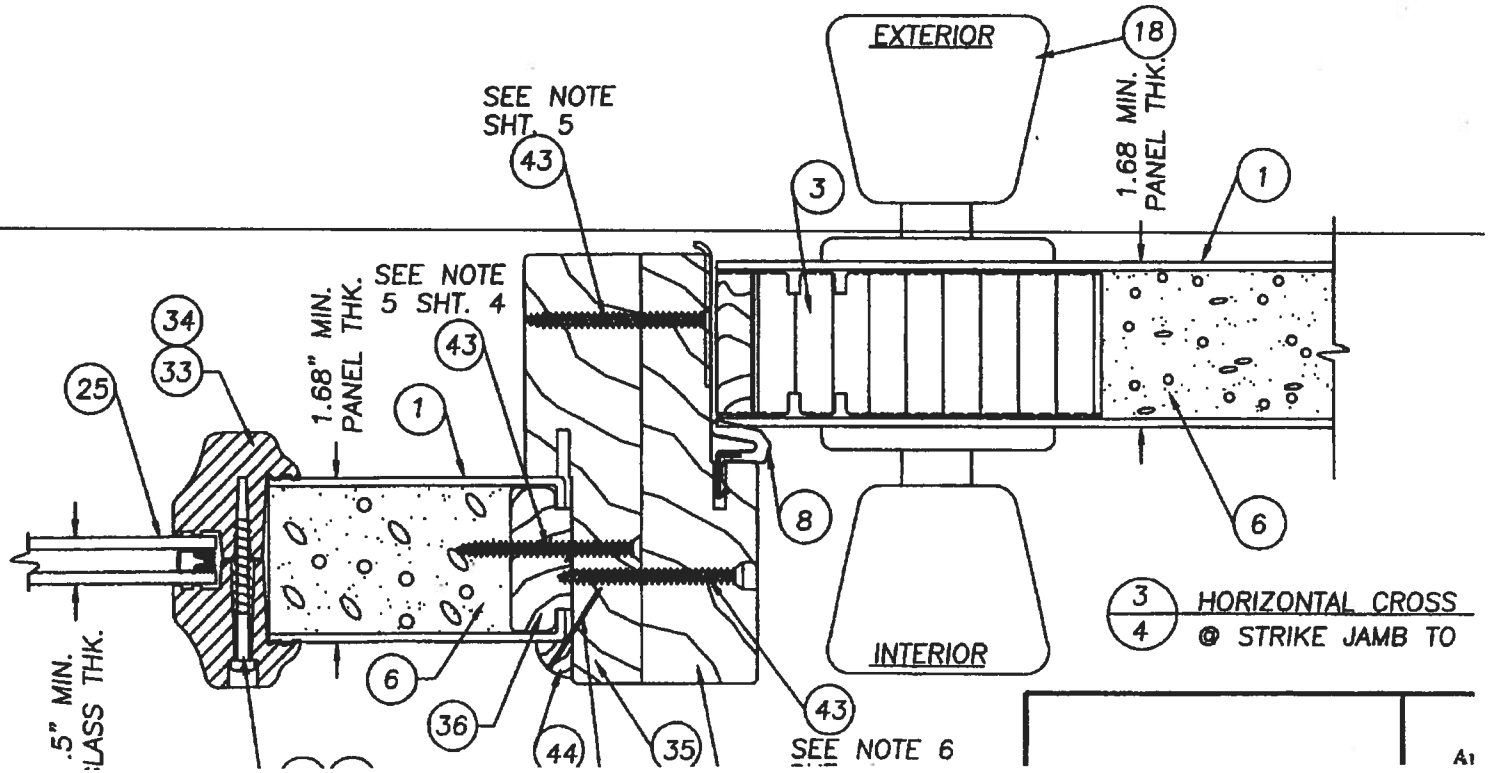
2/4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,

REWS) IS AS FOLLOWS: FROM
6.5", WITH (7) MORE SPACED
2) SCREW BOTH TOP AND
EACH CORNER.
1" PANHEAD SCREW
THE INACTIVE DOOR IS AS
WN 1", 3", 5", 18.25", 54"
".

TO THE SIDE JAMBS WITH

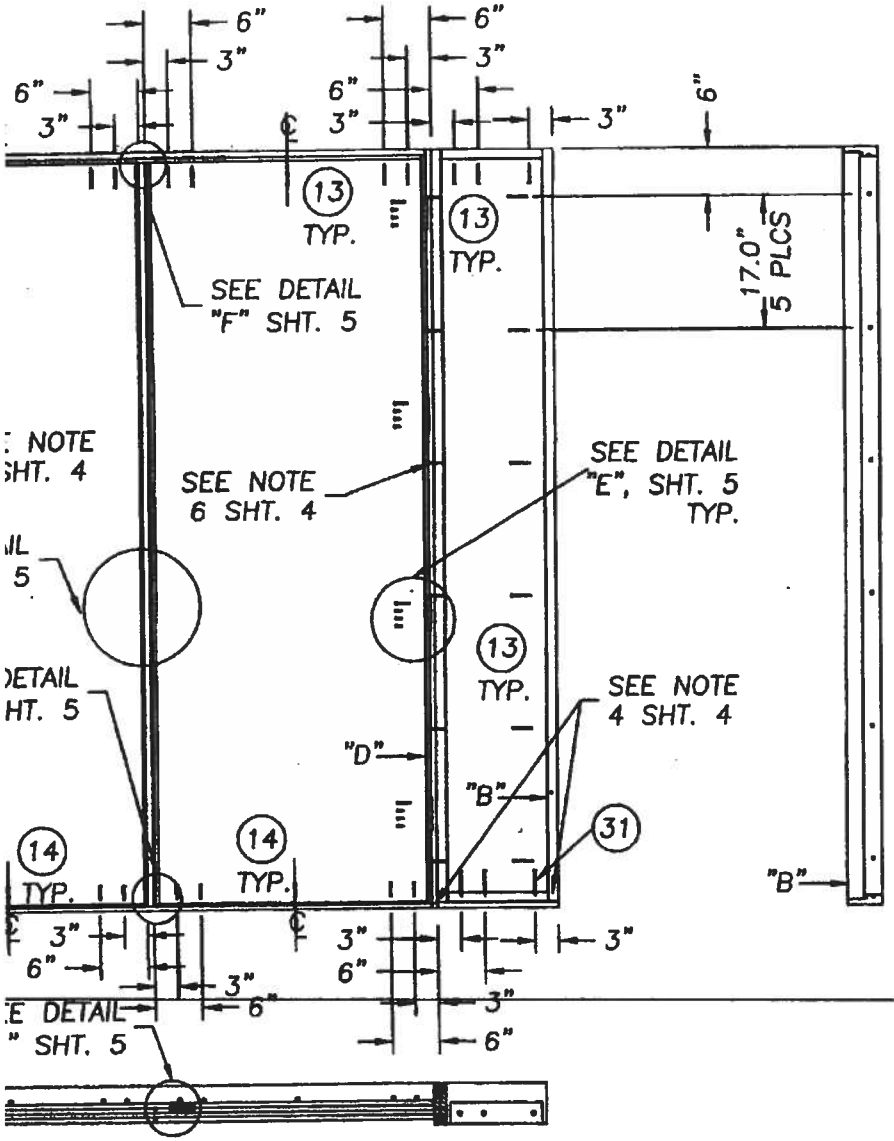
TO THE SIDE JAMBS WITH

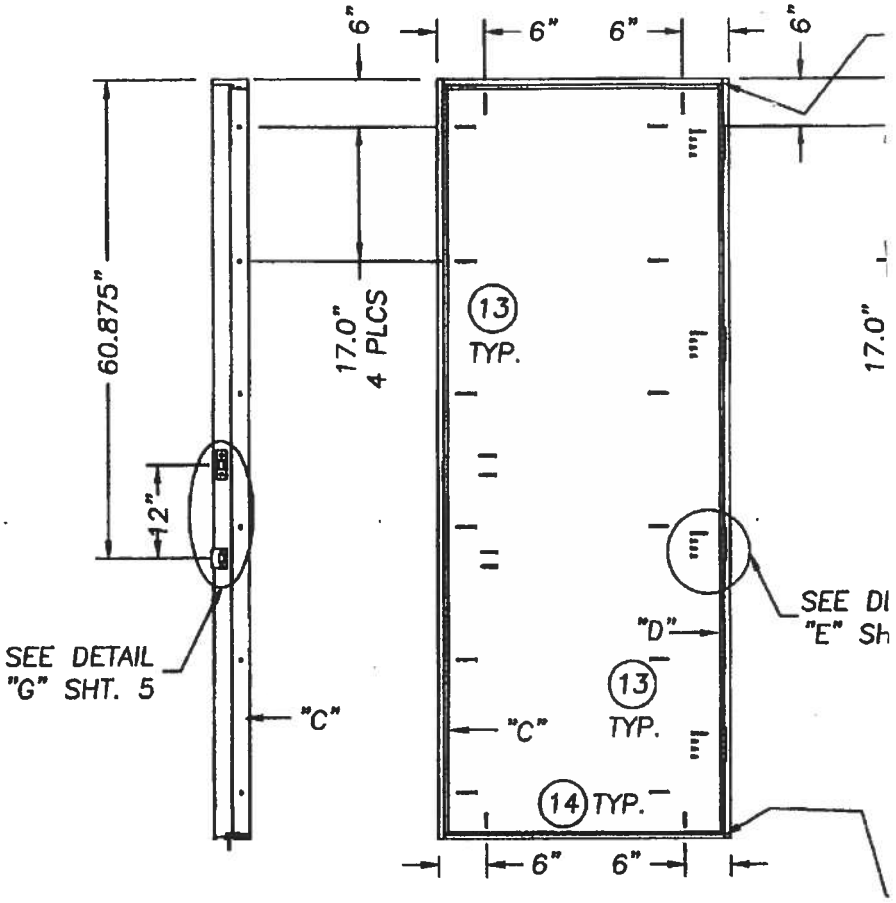
INTO THE JAMB WITH (12)
THERE ARE (4) AT
THE TOP DOWN AT 13.5",
(2) AT THE HEADER AT 4"
S OF THE FRAME. THERE ARE
HE OUTSIDE CORNERS.
V SECURING THE MULLIONS
THE PERIMETER ANCHORING
E TOP AND UP FROM THE
CED AT 16.9" O.C.
TO THE JAMB AND THE BUCK
V ATTACHING THE HINGE TO
AT THE MULLION USE ITEM



3/4 HORIZONTAL CROSS
@ STRIKE JAMB TO

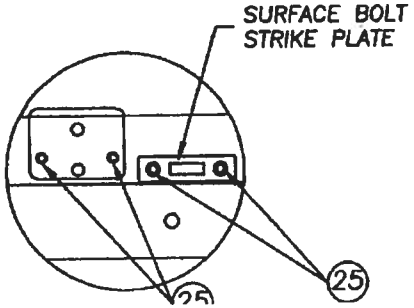
A1

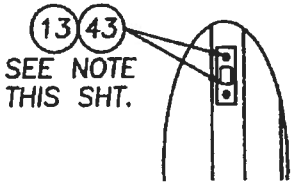




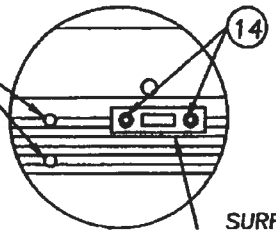
JBLE DOOR W/SIDELITES

SINGLE DOOR

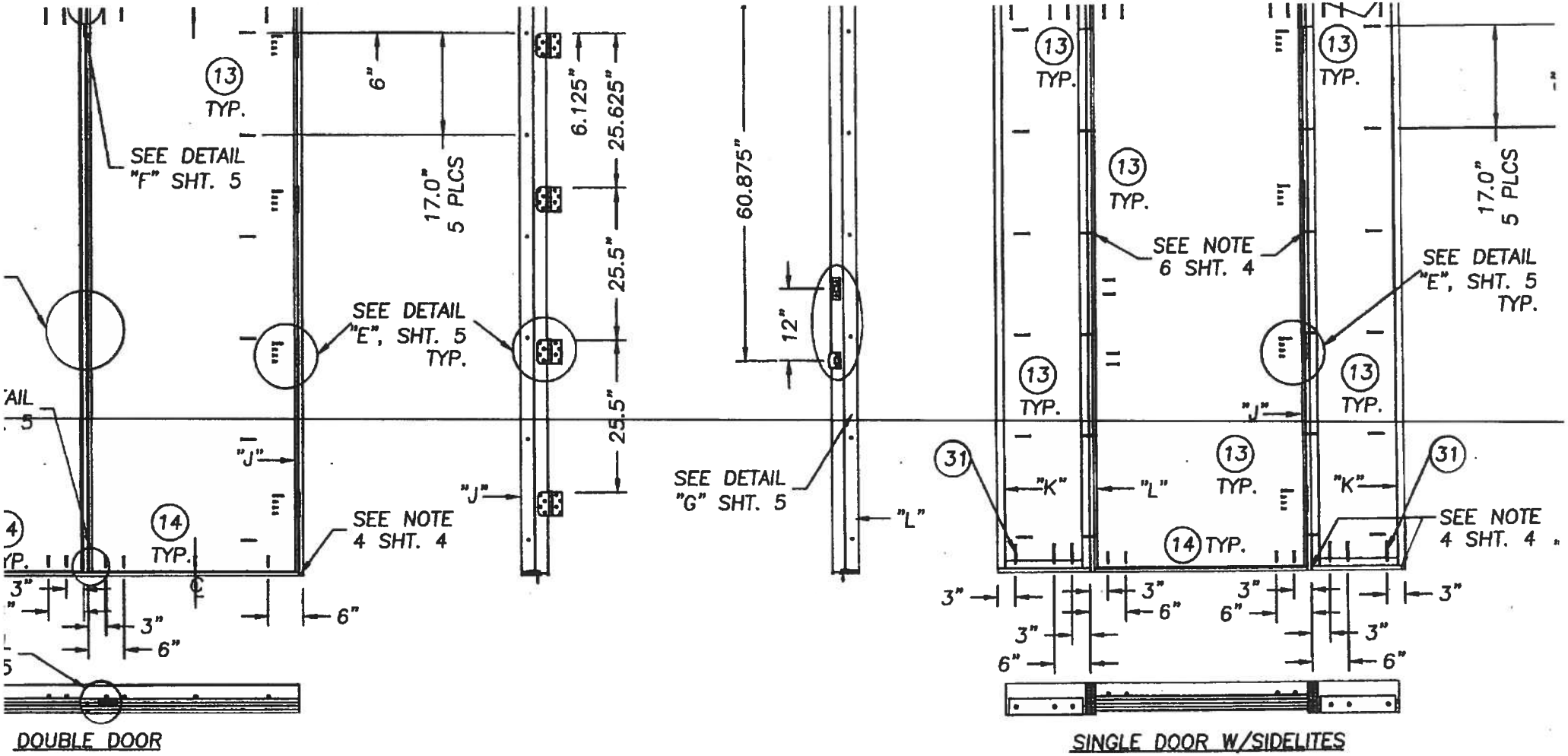


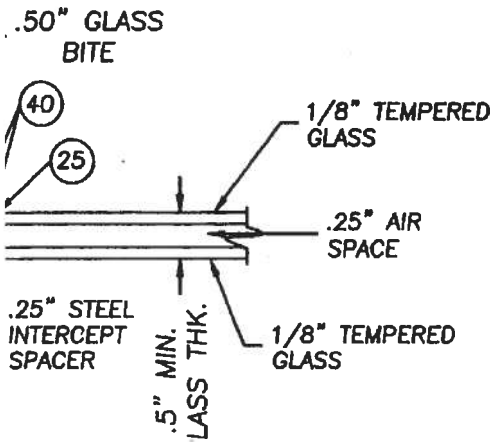


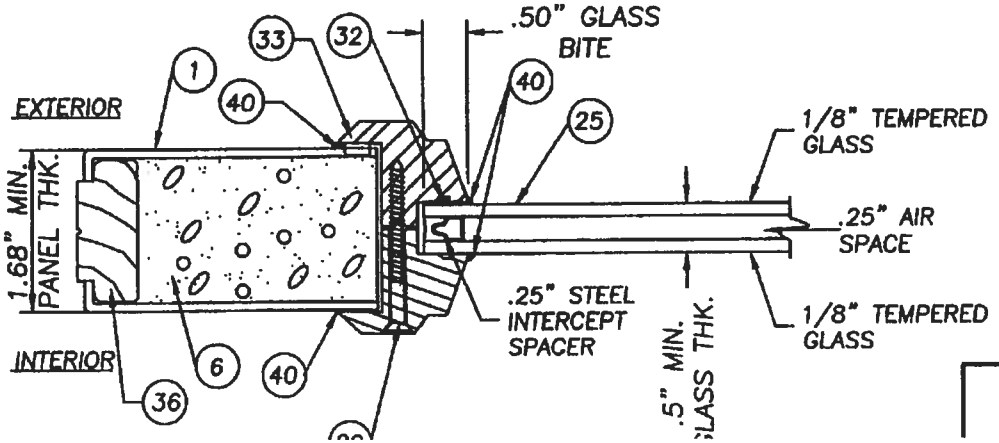
DRILL THRU FOR
A ø.357" BOLT DEEP
ENOUGH FOR A 2"
BOLT THROW



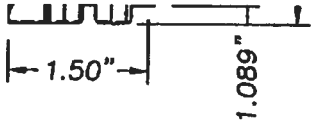
NOTE:
USE #8 x 2 1/2" PFH WOOD SCR
STRIKE AND DEADBOLT PLATES TO
ASTRAGAL EXCEPT IN THE MULLED
THE SIDELITE USE #8 x 2" PFH W


13 TYP.
SEE DETAIL "F" SHT. 5
6"
17.0" 5 PLCS
6.125"
25.625"
25.5"
25.5"
SEE DETAIL "E", SHT. 5 TYP.
"J"
"J"
14 TYP.
SEE NOTE 4 SHT. 4
3"
3"
6"
6"
DOUBLE DOOR
60.875"
12"
SEE DETAIL "G" SHT. 5
"L"
13 TYP.
SEE NOTE 6 SHT. 4
SEE DETAIL "E", SHT. 5 TYP.
17.0" 5 PLCS
"J"
31
"K"
"L"
14 TYP.
SEE NOTE 4 SHT. 4
3"
6"
SINGLE DOOR W/SIDELITES


.50" GLASS BITE
40
25
1/8" TEMPERED GLASS
.25" AIR SPACE
.25" STEEL INTERCEPT SPACER
1/8" TEMPERED GLASS

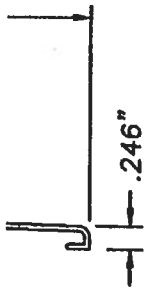

33
32
1
40
.50" GLASS BITE
40
25
EXTERIOR
1.68" MIN. PANEL THK.
1/8" TEMPERED GLASS
.25" AIR SPACE
.25" STEEL INTERCEPT SPACER
1/8" TEMPERED GLASS
INTERIOR
6
40
36

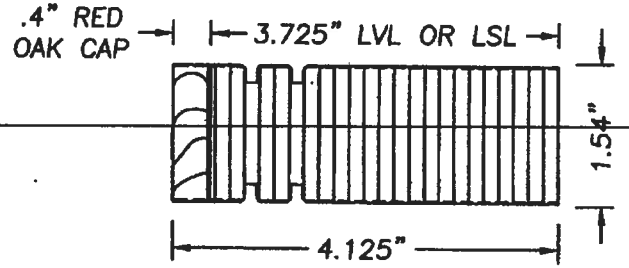
Approv



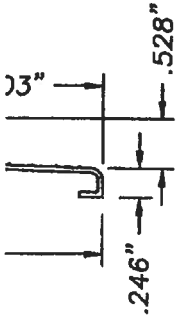
4 HINGE SIDE STILE

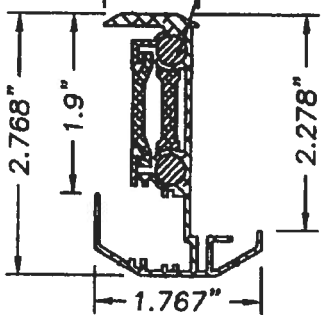
CORE MATERIAL: LVL OR LSL
ALTERNATE CORE MATERIAL: PONDEROSA, RADIATA, PULAI, ELLIOTTII, TAEDA OR SUGAR PINE, DOUGLAS OR WHITE FIR, CEDAR, INCENSE CEDAR OR REDWOOD.



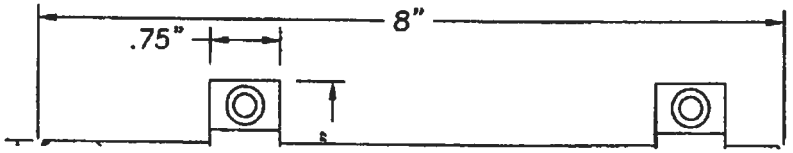


3 LATCH SIDE STILE/ LOCK BLOCK
LVL OR LSL W/ KILN DRIED RED OAK CAP

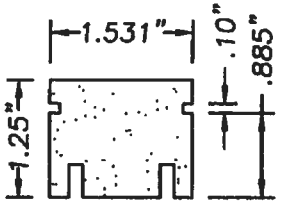




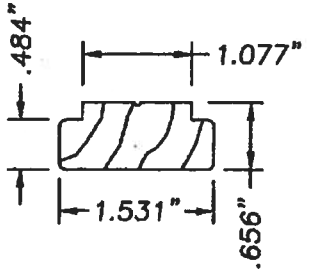
24 WINDJAMBER II WR80T
ASTRAGAL (ALUMINUM .052" WALL TYP.)



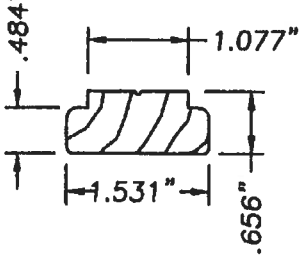
2 TOP RAIL
WOOD COMPOSITE



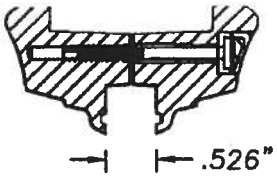
5 BOTTOM RAIL
WOOD COMPOSITE



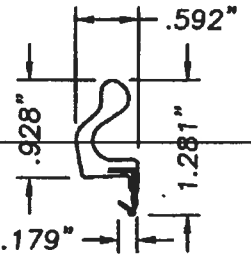
42 SIDELITE TOP & BOTTOM RAIL
FINGER JOINTED PONDEROSA PINE



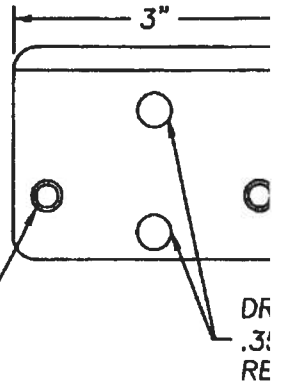
36 SIDELITE BLANK SIDE STILE
FINGER JOINTED PONDEROSA PINE



34 PLASTIC LIP LITE FRAME
EXTRUDED SMC



8 LONG REACH COMPRESSION WEATHERSTRIP
FOAM CELL CORE
W/VINYL JACKET



WINDJAMBER II WR80T

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.

#25403

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: [illegible] Company Phone No. ______

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) [illegible]

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

Section 4: Treatment Information

Date(s) of Treatment(s) [illegible]
Brand Name of Product(s) Used [illegible]
EPA Registration No. [illegible]
Approximate Final Mix Solution % [illegible]
Approximate Size of Treatment Area: Sq. ft. [illegible] Linear ft. [illegible] Linear ft. of Masonry Voids [illegible]
Approximate Total Gallons of Solution Applied [illegible]
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No [illegible]

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) ______

Comments [illegible]

Name of Applicator(s) [illegible] 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 [illegible]

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)

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 23-4S-16-03095-104 **Building permit No.** 000025403

Use Classification SFD,UTILITY **Fire:** 33.48

Permit Holder TRENT GIEGEIG **Waste:** 100.50

Owner of Building MARC VANN, JR. **Total:** 133.98

Location: 482 SW GERALD CONNER DR, LAKE CITY, FL

Date: 04/24/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)