DATE 02/16/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000024142

APPLICANT MELANIE RODER PHONE 386.752.2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER ADAM'S FRAMING & CONSTRUCTION PHONE 623.2383

ADDRESS 357 SW MORNING GLORY DRIVE LAKE CITY FL 32025

CONTRACTOR ADAM PAPKA PHONE 623.2383

LOCATION OF PROPERTY 90W TO C-341,TL TO HOPE HENRY,TR TO ROLLING MEADOWS S/D,TL
MORNING GLORY DR, LOT 12 IS ON THE L, ACROSS FROM BUTTERCUP.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 110700.00

HEATED FLOOR AREA 2214.00 TOTAL AREA 3021.00 HEIGHT 23.40 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

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

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

PARCEL ID 15-4S-16-03023-512 SUBDIVISION ROLLING MEADOW

LOT 12 BLOCK PHASE UNIT TOTAL ACRES 0.50

000000972		CBC1253409	Melanie Roder	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
18"X32'MITERED	06-0122-N	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: MFE 106.0'. REQUIRED BY PLAT,ELEVATION LETTER REQUIRED.

Check # or Cash 1118

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 $ 555.00 CERTIFICATION FEE $ 15.11 SURCHARGE FEE $ 15.11

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** 685.22

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.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0602-32 Date Received 2/9/06 By JW Permit # 972/24142

Application Approved by - Zoning Official BLK Date 15.02.06 Plans Examiner OKTH Date 2-15-06

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

Comments ~~EH Cond.~~ NOC missing

MFE 106' Required Site Plat, Elevation Letter Required. (Ck#118-)

Applicants Name Melanie Roder Phone 752-2281

Address 387 SW Kemp CT Lake City, FL 32024

Owners Name Adam's Framing and Construction Phone 623-2383

911 Address 357 SW Morning Glory dr Lake City, FL 32025

Contractors Name Adam's Framing and Construction Phone 623-2383

Address P.O. Box 1921 Lake City, FL 32056

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address NA

Architect/Engineer Name & Address Will Myers - Mark Disosway

Mortgage Lenders Name & Address First Federal

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

Property ID Number 15-4S-16-03023-512 Estimated Cost of Construction 175,000

Subdivision Name Rolling Meadows Lot 12 Block ____ Unit ____ Phase ____

Driving Directions 90 W. Turn Left on Sisters Welcome. Turn right at Hope Henry. Turn left into Rolling Meadows (Morning Glory Dr) Lot 12 is on the left, directly across from Buttercup dr.

Type of Construction SFD Number of Existing Dwellings on Property 0

Total Acreage .50 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 50' ✓ Side 32.2' ✓ Side 35.3' ✓ Rear 48.3' ✓

Total Building Height 23.4' Number of Stories 1 Heated Floor Area 2214 Roof Pitch 8-12

Porch 219 GARAGE 589 TOTAL 3021

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

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

Sworn to (or affirmed) and subscribed before me this 9th day of Feb 20 06.

Personally known ✓ or Produced Identification ____

Contractor Signature

Contractors License Number CBC 1253409

Competency Card Number ____

NOTARY STAMP/SEAL

Linda R Roder

Notary Signature

This instrument prepared by:
William J. Haley, Esquire
Brannon, Brown,
Haley & Bullock, P. A.
P. O. Box 1029
Lake City, FL 32056-1029

Inst:2005026828 Date:10/27/2005 Time:11:18
Doc Stamp-Deed : 882.00
DC,P.DeWitt Cason,Columbia County B:1063 P:670

SPECIAL WARRANTY DEED

THIS INDENTURE, made this 26th day of October, 2005, between **RML HOLDINGS, INC., a Florida corporation,** having a mailing address of 703 NW Blackberry Circle, Lake City, Florida 32055, hereinafter referred to as Grantor, and **ADAM'S FRAMING AND CONSTRUCTION, LLC,** a Florida limited liability company, having a mailing address of P.O. Box 1921, Lake City, Florida 32056, hereinafter referred to as Grantee.

WITNESSETH: That said Grantor, for and in consideration of the sum of $10.00 and other good and valuable considerations to said Grantor in hand paid by said Grantee, the receipt and sufficiency of which are hereby acknowledged, have granted, bargained and sold to the said Grantee, and Grantee's successors and assigns forever, the following described land, situate, lying and being in **Columbia** County, Florida, to-wit:

Lot(s) 12, 13, and 14, **ROLLING MEADOWS,** a subdivision according to the plat thereof, as recorded in Plat Book 8, pages 45 and 46, public records of Columbia County, Florida.

PARCEL NO. Part of 15-4S-16-03023-005

SUBJECT TO: Taxes and special assessments for the year 2005 and subsequent years; restrictions, reservations, rights of way for public roads, easements of record, if any; and zoning and any other governmental restrictions regulating the use of the lands.

and said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons claiming by, through or under said Grantor.

IN WITNESS WHEREOF, Grantor has hereunto set its hand and seal the day and year first above written.

Signed, sealed and delivered
in the presence of:

Print Name: William J. Hatley

Print Name: Debbie G. Moore

RML HOLDINGS, INC., a Florida corporation

By: _____
Margaret Lardizabal
Vice President

STATE OF FLORIDA
COUNTY OF COLUMBIA

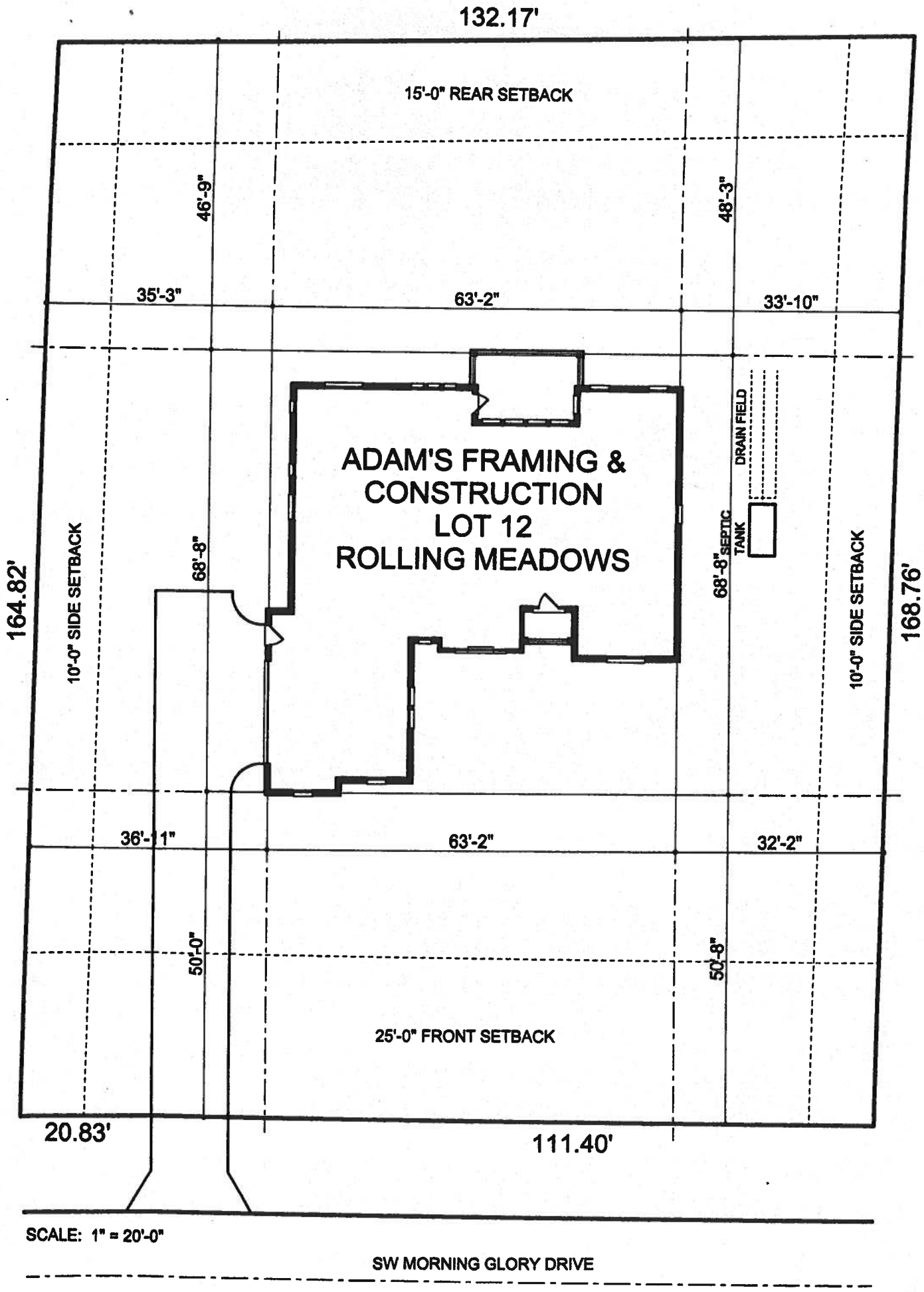
The foregoing instrument was acknowledged before me this 26th day of October, 2005, by Margaret Lardizabal, as Vice President of RML Holdings, Inc., a Florida corporation, on behalf of said corporation, who is personally known to me.

Notary Public, State of Florida

Debbie G. Moore
Commission # DD400475
Expires March 16, 2009
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Inst:2005026828 Date:10/27/2005 Time:11:18
Doc Stamp-Deed : 882.00
DC,P.DeWitt Cason,Columbia County B:1063 P:671

@PFDesktop\::ODMA/WORLDOX/F:/WPDOCS/22032/00018/00151002.WPD


132.17'
15'-0" REAR SETBACK
46'-9"
48'-3"
35'-3"
63'-2"
33'-10"
ADAM'S FRAMING &
CONSTRUCTION
LOT 12
ROLLING MEADOWS
DRAIN FIELD
SEPTIC TANK
68'-8"
68'-8"
164.82'
10'-0" SIDE SETBACK
10'-0" SIDE SETBACK
168.76'
36'-1"
63'-2"
32'-2"
50'-0"
50'-8"
25'-0" FRONT SETBACK
20.83'
111.40'
SCALE: 1" = 20'-0"
SW MORNING GLORY DRIVE

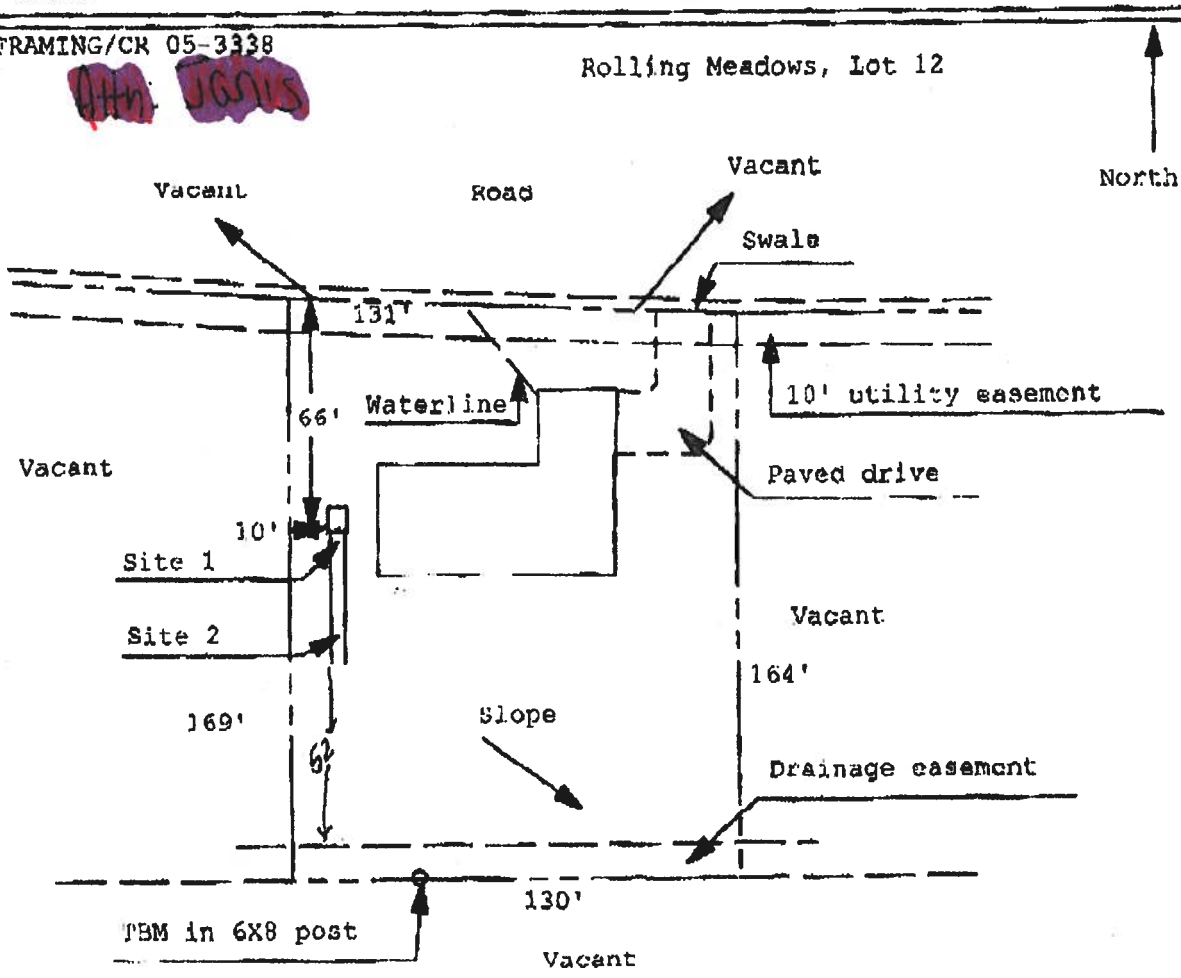
Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 06-0122N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

ADAM'S FRAMING/CR 05-3338

Rolling Meadows, Lot 12



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd **Date** 2/6/06

Plan Approved ✓ **Not Approved** ____ **Date** 2/13/06

By [signature] Columbia **CPHU**

Notes: ____

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Notice of Authorization

I Adam Papka, do hereby authorize Linda Roder or Melanie Roder,

to be my representative and act on my behaf in all aspects of applying for any

Building permit to be located in Columbia county.

Any homeowner and legal description

Contractor's signature

2/10/06
Date

Sworn and subscribed before me this 10th day of Feb, 2006

Notary Public

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

My commision expires: _____
Commision No._____
Personally known ✓
Produced ID (Type): _____

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-8" WELLS

[redacted]

DONALD AND MARY HALL
OWNERS

[redacted]
LOGAN CITY, [redacted]
904 NW Main Blvd.

June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

Thank you,

Donald D. Hall
DDH/jk

Cert. Copy 2.50

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

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: Deputy Clerk
Date: 2/24/06

PERMIT NO._____

TAX FOLIO NO.: 15-48-16-03023-512

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, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

   Lot 12, ROLLING MEADOWS, a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 45 and 46, public records of Columbia County, Florida.

2. General description of improvement: Construction of dwelling

3. Owner information:

   a. Name and address: ADAM'S FRAMING AND CONSTRUCTION, LLC, Post Office Box 1921, Lake City, Florida 32056.

   b. Interest in property: Fee Simple

   c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: ADAM'S FRAMING AND CONSTRUCTION, LLC, Post Office Box 1921, Lake City, Florida 32056.

5. Surety

   a. Name and address: None

   b. Amount of bond:

6. Lender: FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West US Highway 90, Lake City, Florida 32055.

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

8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West US Highway 90, Lake City, Florida 32055, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). February 23, 2007.

ADAM'S FRAMING AND CONSTRUCTION, LLC

By: _____
Adam Papka
Managing Member

The foregoing instrument was acknowledged before me this 23rd day of February 2006, by ADAM PAPKA, Managing Member of ADAM'S FRAMING AND CONSTRUCTION, LLC, a Florida Limited Liability Company, on behalf of said company. He is personally known to me and did not take an oath.

_____
Notary Public
My commission expires:_____

TERRY MCDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

Inst:200600607 Date:02/24/2006 Time:13:21
DC,P.DeWitt Cason,Columbia County B:1075 P:608

#24142

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000000972

DATE 02/16/2006 PARCEL ID # 15-4S-16-03023-512

APPLICANT MELANIE RODER PHONE 752.2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER ADAM'S FRAMING & COSTRUCTION PHONE 623.2383

ADDRESS 357 SW MORNING GLORY DRIVE LAKE CITY FL 32025

CONTRACTOR ADAM PAPKA PHONE 623.2383

LOCATION OF PROPERTY 90-W TO C-341,TL TO HOPE HENRY,TR TO ROLLING MEADOWS S/D,TL TO MORNING GLORY DR, LOT 12 IS ON THE L, ACROSS FROM BUTTERCUP DRIVE.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROLLING MEADOWS 12

SIGNATURE Melanie Roder

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

FORM 600A-2004 Tested sealed ducts must be certified in this house. EnergyGauge® 4.1

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Adams Framing & Construction - Lot 12**	Builder:	**Adams Framing & Const.**
Address:	**Lot: 12, Sub: Rolling Meadows, Plat:**	Permitting Office:	**Columbia County**
City, State:	**Lake City, FL 32025-**	Permit Number:	24142
Owner:	**Spec House**	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	4		
5. Is this a worst case?	No		
6. Conditioned floor area (ft²)	2214 ft²		
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	7a. Description (Dble Default)	Area 411.3 ft²	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear)	411.3 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 228.0(p) ft		
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 1598.7 ft²		
b. Frame, Wood, Adjacent	R=13.0, 180.0 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2324.0 ft²		
b. N/A			
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft		
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 51.0 kBtu/hr SEER: 11.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 51.0 kBtu/hr HSPF: 6.80	
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,	

Glass/Floor Area: 0.19 Total as-built points: 32963 Total base points: 33686 **PASS**

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

PREPARED BY: Will Myers

DATE: 1/27/06

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	2214.0	20.04	7986.3	Double, Clear	W	1.5	10.0	72.0	38.52	0.98	2715.3
				Double, Clear	W	1.5	10.0	42.0	38.52	0.98	1583.9
				Double, Clear	N	10.5	10.0	20.0	19.20	0.70	270.0
				Double, Clear	W	12.5	10.0	84.0	38.52	0.48	1546.4
				Double, Clear	S	10.5	10.0	18.0	35.87	0.51	331.5
				Double, Clear	N	1.5	9.0	18.0	19.20	0.98	337.2
				Double, Clear	E	1.5	9.0	36.0	42.06	0.97	1468.5
				Double, Clear	E	6.5	12.0	13.3	42.06	0.70	391.0
				Double, Clear	E	1.5	12.0	28.0	42.06	0.99	1167.3
				Double, Clear	E	1.5	12.0	28.0	42.06	0.99	1167.3
				Double, Clear	E	1.5	9.0	12.0	42.06	0.97	489.5
				Double, Clear	S	1.5	9.0	16.0	35.87	0.94	541.8
				Double, Clear	S	1.5	9.0	24.0	35.87	0.94	812.7
				As-Built Total:				**411.3**			**12822.3**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	180.0	0.70	126.0	Frame, Wood, Exterior	13.0	1598.7	1.50	2398.0
Exterior	1598.7	1.70	2717.8	Frame, Wood, Adjacent	13.0	180.0	0.60	108.0
Base Total:	**1778.7**		**2843.8**	**As-Built Total:**		**1778.7**		**2506.0**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	18.0	1.60	28.8	Exterior Insulated	20.0	4.10	82.0
Exterior	20.0	4.10	82.0	Adjacent Insulated	18.0	1.60	28.8
Base Total:	**38.0**		**110.8**	**As-Built Total:**	**38.0**		**110.8**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	2214.0	1.73	3830.2	Under Attic	30.0	2324.0	1.73 X 1.00	4020.5
Base Total:	**2214.0**		**3830.2**	**As-Built Total:**		**2324.0**		**4020.5**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	228.0(p)	-37.0	-8436.0	Slab-On-Grade Edge Insulation	0.0	228.0(p	-41.20	-9393.6
Raised	0.0	0.00	0.0					
Base Total:			**-8436.0**	**As-Built Total:**		**228.0**		**-9393.6**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points				Area X	SPM	=	Points
	2214.0	10.21	22604.9				2214.0	10.21		22604.9
Summer Base Points: 28940.1				**Summer As-Built Points:**						**32671.0**
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
				(sys 1: Central Unit 51000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)						
				32671	1.00	(1.09 x 1.000 x 1.00)	0.310	0.950		10496.8
28940.1	**0.4266**		**12345.8**	**32671.0**	**1.00**	**1.090**	**0.310**	**0.950**		**10496.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	2214.0	12.74	5077.1	Double, Clear	W	1.5	10.0	72.0	20.73	1.01	1501.0
				Double, Clear	W	1.5	10.0	42.0	20.73	1.01	875.6
				Double, Clear	N	10.5	10.0	20.0	24.58	1.02	500.8
				Double, Clear	W	12.5	10.0	84.0	20.73	1.19	2073.2
				Double, Clear	S	10.5	10.0	18.0	13.30	2.81	673.3
				Double, Clear	N	1.5	9.0	18.0	24.58	1.00	442.6
				Double, Clear	E	1.5	9.0	36.0	18.79	1.02	687.1
				Double, Clear	E	6.5	12.0	13.3	18.79	1.14	283.8
				Double, Clear	E	1.5	12.0	28.0	18.79	1.01	530.6
				Double, Clear	E	1.5	12.0	28.0	18.79	1.01	530.6
				Double, Clear	E	1.5	9.0	12.0	18.79	1.02	229.0
				Double, Clear	S	1.5	9.0	16.0	13.30	1.02	217.7
				Double, Clear	S	1.5	9.0	24.0	13.30	1.02	326.6
				As-Built Total:				**411.3**			**8872.0**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Adjacent	180.0	3.60	648.0	Frame, Wood, Exterior			13.0	1598.7	3.40		5435.6
Exterior	1598.7	3.70	5915.2	Frame, Wood, Adjacent			13.0	180.0	3.30		594.0
Base Total:	**1778.7**		**6563.2**	**As-Built Total:**				**1778.7**			**6029.6**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points
Adjacent	18.0	8.00	144.0	Exterior Insulated				20.0	8.40		168.0
Exterior	20.0	8.40	168.0	Adjacent Insulated				18.0	8.00		144.0
Base Total:	**38.0**		**312.0**	**As-Built Total:**				**38.0**			**312.0**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points
Under Attic	2214.0	2.05	4538.7	Under Attic			30.0	2324.0	2.05 X 1.00		4764.2
Base Total:	**2214.0**		**4538.7**	**As-Built Total:**				**2324.0**			**4764.2**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	228.0(p)	8.9	2029.2	Slab-On-Grade Edge Insulation			0.0	228.0(p	18.80		4286.4
Raised	0.0	0.00	0.0								
Base Total:			**2029.2**	**As-Built Total:**				**228.0**			**4286.4**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points				Area X	WPM	=	Points
	2214.0	-0.59	-1306.3				2214.0	-0.59		-1306.3
Winter Base Points:			**17214.0**	**Winter As-Built Points:**						**22957.9**
Total Winter Points	X System Multiplier	= Heating Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Heating Points
				(sys 1: Electric Heat Pump 51000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Gar(AH),R6.0						
				22957.9	1.000	(1.069 x 1.000 x 1.00)	0.501	0.950		11691.8
17214.0	**0.6274**	**10800.0**		**22957.9**	**1.00**	**1.069**	**0.501**	**0.950**		**11691.8**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4		2635.00	10540.0	50.0	0.90	4	1.00	2693.56	1.00	10774.2	
				As-Built Total:						**10774.2**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
12346	**10800**	**10540**	**33686**	**10497**	**11692**	**10774**	**32963**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.4

The higher the score, the more efficient the home.

Spec House, Lot: 12, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-

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	4	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	2214 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 411.3 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 411.3 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 228.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 1598.7 ft²	
b.	Frame, Wood, Adjacent	R=13.0, 180.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 2324.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts(Leak Free)		
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit	Cap: 51.0 kBtu/hr	
		SEER: 11.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 51.0 kBtu/hr	
		HSPF: 6.80	
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,	

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

Builder Signature: _____ Date: _____

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

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

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

Energy Code Compliance

Duct System Performance Report

Project Name:	Adams Framing & Construction - Lot 12	Builder:	Adams Framing & Const.
Address:		Permitting Office:	Columbia County
City, State:	Lake City, FL 32025-	Permit Number:	
Owner:	Spec House	Jurisdiction Number:	
Climate Zone:	North		

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	**Total House Duct System Leakage**	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q_n,tot) ☐ Receive credit if Q_n,tot≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q_n,out) ☐ Receive credit if Q_n,out≤ 0.03 AND Q_n,tot≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____

Printed Name: _____

Florida Rater Certification #: _____

DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: http://energygauge.com/search.htp

BUILDING OFFICIAL: _____

DATE: _____

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 15-4S-16-03023-512 **Building permit No.** 000024142

Use Classification SFD/UTILITY **Fire:** 67.00

Permit Holder ADAM PAPKA **Waste:** 201.00

Owner of Building ADAM'S FRAMING & CONSTRUCTION **Total:** 268.00

Location: 357 SW MORNING GLORY DRIVE

Date: 10/27/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

CERTIFICATE OF

OCCUPANCY

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Owner of Building ADAM'S FRAMING & CONSTRUCTION **Total:** 268.00

Location: 357 SW MORNING GLORY DRIVE

Date: 10/27/2006

Harvey Lewis By

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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

Reference to: Build permit application Number: 0602-32

Adam's Framing Owner Adam's Framing lot 12 of Rolling Meadows

On the date of February 15, 2006 application 0602-32 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0602-32 when making reference to this application.

✓ 1. Please verify that one Bathroom will comply with the FRC-2004,section R322.1.1 All new single-family houses, duplexes, triplexes, condominiums and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

AAMA/NWWDA 101/I.S.2-97
TEST REPORT SUMMARY

Rendered to:

MI HOME PRODUCTS, INC.

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

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

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

For ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technician

MAH:nlb

ALLEN N. REEVES
CERTIFICATE
NO. 18354
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Allen N. Reeves
1 APRIL 2002

Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

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

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

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

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

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

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

Finish: All aluminum was white.

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

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

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
LICENSE NO. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

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Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
No. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Weatherstripping:

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

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

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

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

Hardware:

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

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
CERTIFICATE
NO. 19[illegible]
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

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

Test Results:

The results are tabulated as follows:

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

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

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 25.9 psf (positive)	0.42"*	0.26" max.
	@ 34.7 psf (negative)	0.43"*	0.26" max.

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

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

Allen H. Reeves
1 APRIL 2002

ALLEN H. REEVES ★ CERTIFICATE NO. 1337 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER ★

Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	Deglazing Test (ASTM E 987)		
	In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
Optional Performance			
4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"*	0.26" max.
	@ 47.2 psf (negative)	0.46"*	0.26" max.
	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.05"	0.18" max.
	@ 70.8 psf (negative)	0.05"	0.18" max.

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

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
CERTIFICATE NO. 18034
STATE OF FLORIDA
PROFESSIONAL ENGINEER

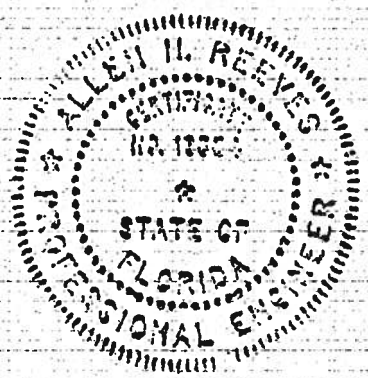
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification.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

For ARCHITECTURAL TESTING, INC:

Mark A. Hess
Technician

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

MAH:nlb
01-41134.01

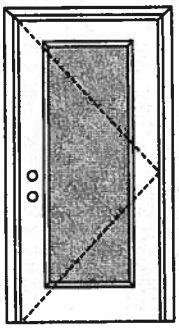


X
Glazed Inswing Unit

COP-WL-JH4141-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:


100 Series


133, 135 Series


136 Series

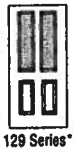

680 Series


822 Series

1/2 GLASS:


105 Series*


106, 160 Series*


129 Series*


200 Series*


12 R/L, 23 R/L, 24 R/L Series*


107 Series*


108 Series


304 Series

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

Johnson™ EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

Y
Glazed Inswing Unit

COP-WL-JH4141-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:

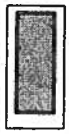

404 Series


410 Series


450 Series

FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson EntrySystems

June 17, 2002
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PREMDOR Collection Premium Quality Doors

Exclusively from Masonite

Masonite International Corporation

TAMKO®
ROOFING PRODUCTS

FEB - 4 REC'D

January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

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

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

All testing was performed by Florida State certified independent labs.

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

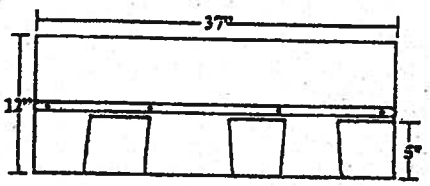
TAMKO Roofing Products, Inc.

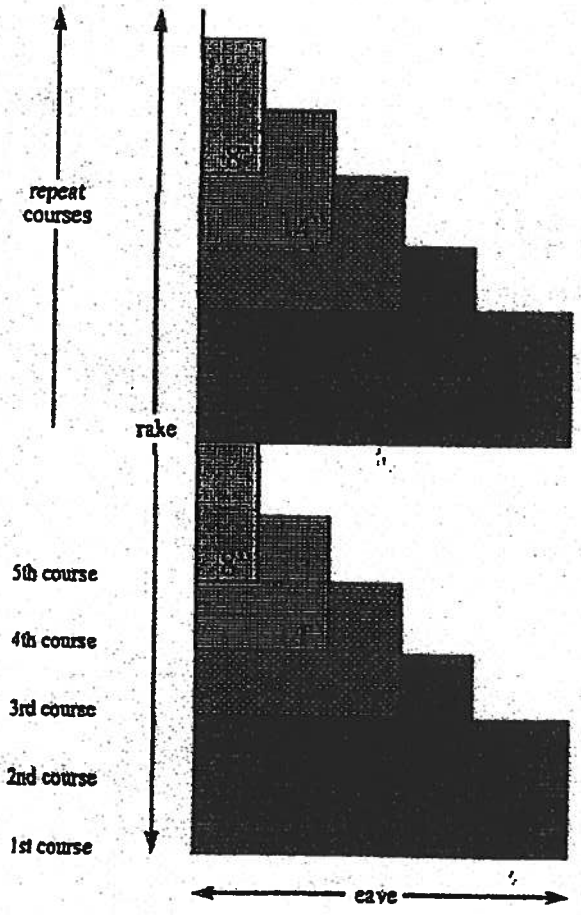
CORPORATE HEADQUARTERS
220 W. FOURTH STREET P.O. BOX 1404 JOPLIN, MO 64802-1404 800-641-4691 FAX 800-341-1925

TAMKO
ROOFING PRODUCTS

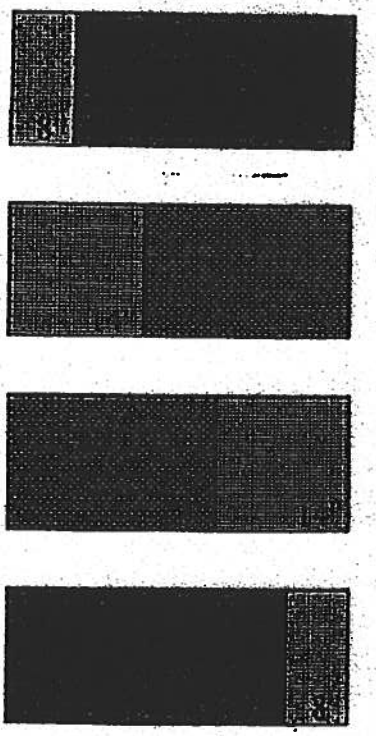
Application Instructions For Heritage® 25 Series Shingles

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





The 4 cuts in the first 10 courses:



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

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

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

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

TAMKO ROOFING PRODUCTS

Application Instructions for

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

THREE-TAB ASPHALT SHINGLES

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

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

1. ROOF DECK

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

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

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

SHEATHING BOARDS: Boards shall be well-seasoned tongue-and-groove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

2. VENTILATION

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

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

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents.
FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION.

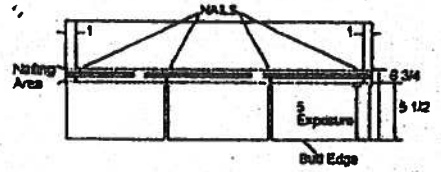
3. FASTENING

NAILS: TAMKO recommends the use of nails as the preferred method of application.
WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

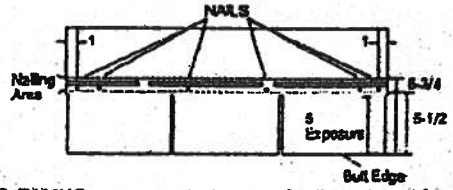
Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, TAMKO will not be responsible for any shingles blown off or displaced. TAMKO will not be responsible for damage to shingles caused by winds or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

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

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



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



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

(Continued)

(CONTINUED from Pg. 2)

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

THREE-TAB ASPHALT SHINGLES

with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a $.25 piece and applied to shingles with a 5 in. exposure, use 6 fasteners per shingle. See Section 3 for the Mansard Fastening Pattern.

3. RE-ROOFING

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

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

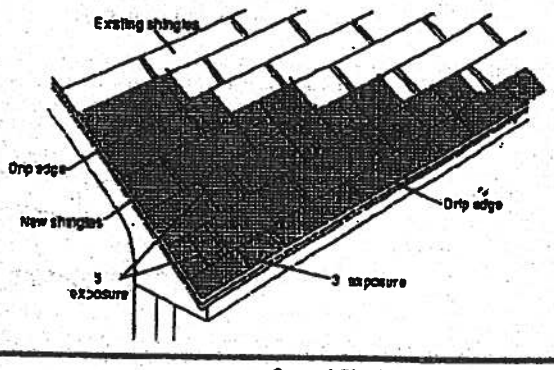
If re-roofing over an existing roof where new flashing is required to protect against ice dams (freeze/thaw cycle of water and/or the backup of water in frozen or clogged gutters), remove the old roofing to a point at least 24 in. beyond the interior wall line and apply TAMKO's Moisture Guard Plus® waterproofing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

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

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

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

Second and Succeeding Courses: According to the off-set application method you choose to use, remove the appropriate length from the rake end of the first shingle in each succeeding course. Place the top edge of the new shingle against the butt edge of the old shingles in the courses above. The full width shingle used on the second course will reduce the exposure of the first course to 3 in. The remaining courses will automatically have a 5 in. exposure.



2. VALLEY APPLICATION

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

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

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

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

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

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

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

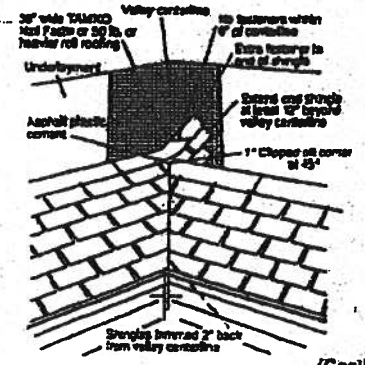
Note: For a neater installation, snap a chalkline over the shingles for guidance.

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

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

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.



(Continued)

(CONTINUED from Pg. 3)

TAMKO®
ROOFING PRODUCTS

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

THREE-TAB ASPHALT SHINGLES

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

10. HIP AND RIDGE FASTENING DETAIL

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

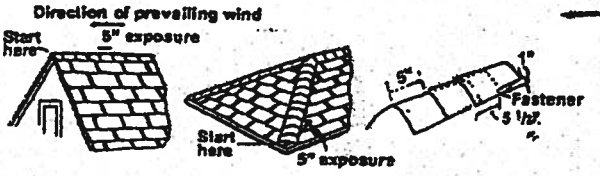
TAMKO recommends the use of TAMKO Hip & Ridge shingle products. Where matching colors are available, it is acceptable to use TAMKO's Glass-Seal or Elite Glass-Seal shingles cut down to 12 in. pieces.

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

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

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

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



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

IMPORTANT - READ CAREFULLY BEFORE OPENING BUNDLE

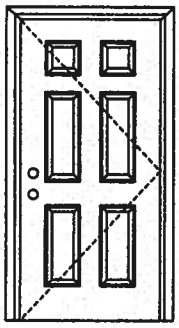
In this paragraph "You" and "Your" refer to the installer of the shingles and the owner of the building on which these shingles will be installed. This is a legally binding agreement between You and TAMKO Roofing Products, Inc. ("TAMKO"). By opening this bundle You agree: (a) to install the shingles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

X
Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etisemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+66.0/-66.0
limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is NOT REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

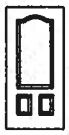
Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0001-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

APPROVED DOOR STYLES:


Flush


Arch Top 3-panel


3-panel


6-panel


New England 4-panel

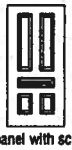

Eyebrow 4-panel


8-panel


9-panel


15-panel


5-panel


5-panel with scroll


Eyebrow 5-panel


Eyebrow 5-panel with scroll

Johnson™ EntrySystems

June 17, 2002
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PREMDOR® Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

Y
Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2185-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

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

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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PREMDOR Collection Premium Quality Doors

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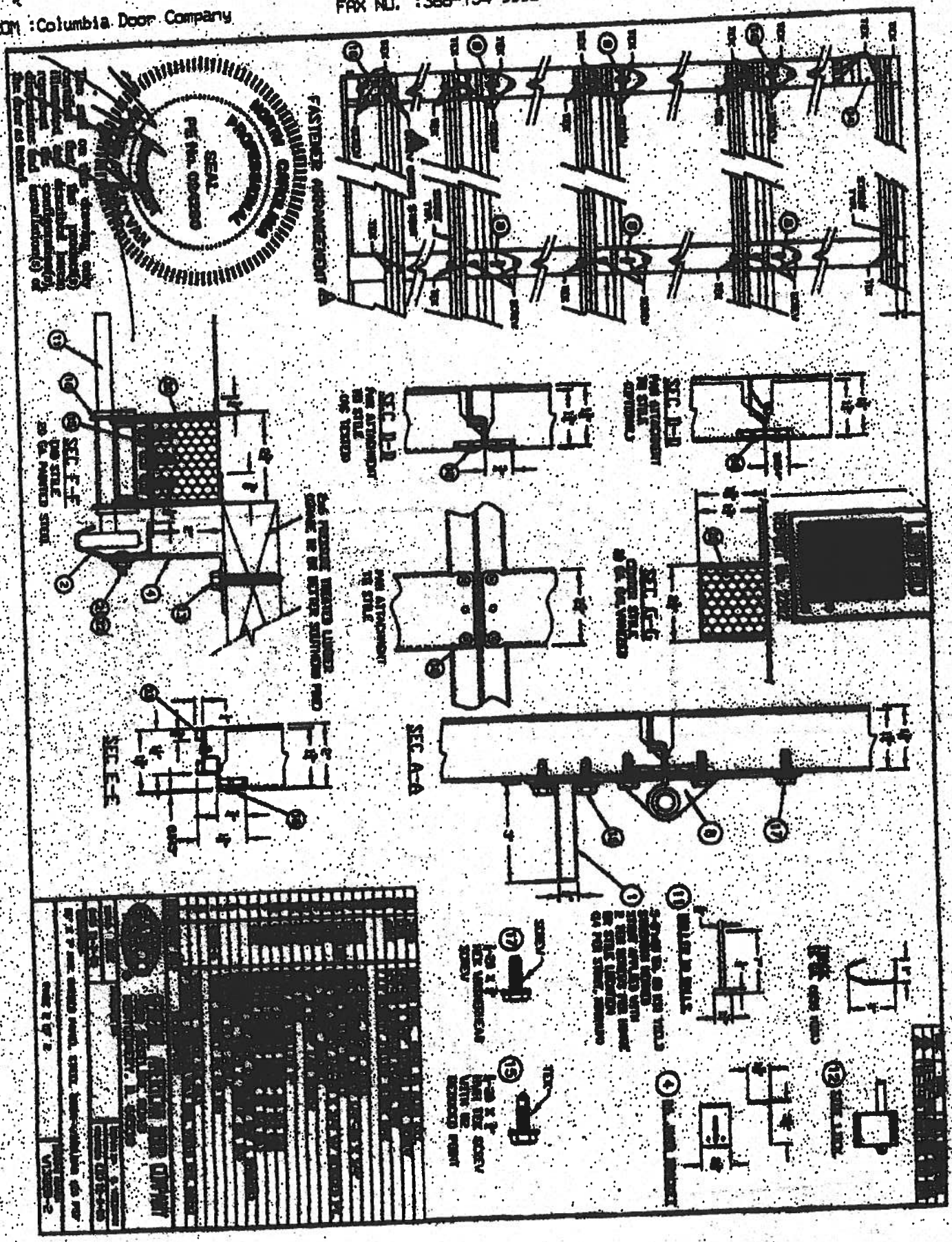
Masonite International Corporation



Residential System Sizing Calculation

Summary

Spec House

Lake City, FL 32025-

Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

1/27/2006

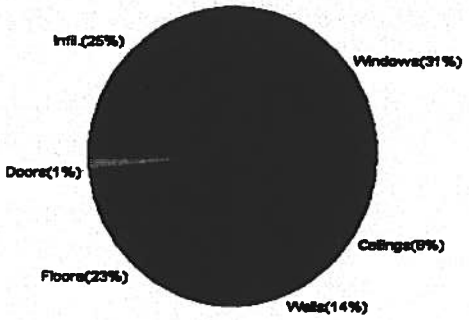
Location for weather data: Gainesville - User customized: Latitude(29) Altitude(152 ft.) Temp Range(M)
Humidity data: Interior RH (50%) Outdoor wet bulb (79F) Humidity difference(54gr.)

Winter design temperature	33	F	Summer design temperature	99	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	24	F
Total heating load calculation	**43028**	**Btuh**	**Total cooling load calculation**	**60102**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.5	51000	Sensible (SHR = 0.75)	76.5	38250
Heat Pump + Auxiliary(0.0kW)	118.5	51000	Latent	126.3	12750
			Total (Electric Heat Pump)	84.9	51000

WINTER CALCULATIONS

Winter Heating Load (for 2214 sqft)

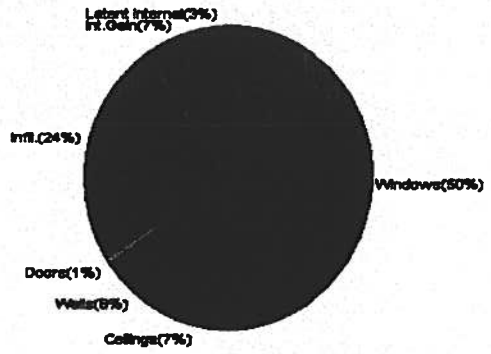
Load component			Load	
Window total	411	sqft	13240	Btuh
Wall total	1779	sqft	5841	Btuh
Door total	38	sqft	492	Btuh
Ceiling total	2324	sqft	2738	Btuh
Floor total	228	sqft	9954	Btuh
Infiltration	266	cfm	10762	Btuh
Duct loss			0	Btuh
Subtotal			**43028**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**43028**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2214 sqft)

Load component			Load	
Window total	411	sqft	30115	Btuh
Wall total	1779	sqft	4711	Btuh
Door total	38	sqft	466	Btuh
Ceiling total	2324	sqft	4367	Btuh
Floor total			0	Btuh
Infiltration	232	cfm	6108	Btuh
Internal gain			4240	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**50007**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			8496	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1600	Btuh
Total latent gain			**10096**	**Btuh**
TOTAL HEAT GAIN			**60102**	**Btuh**



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: Will Myers
DATE: 1/27/06

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House

Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

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

1/27/2006

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	72.0	32.2	2318 Btuh
2	2, Clear, Metal, 0.87	W	42.0	32.2	1352 Btuh
3	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	W	84.0	32.2	2704 Btuh
5	2, Clear, Metal, 0.87	S	18.0	32.2	579 Btuh
6	2, Clear, Metal, 0.87	N	18.0	32.2	579 Btuh
7	2, Clear, Metal, 0.87	E	36.0	32.2	1159 Btuh
8	2, Clear, Metal, 0.87	E	13.3	32.2	428 Btuh
9	2, Clear, Metal, 0.87	E	28.0	32.2	901 Btuh
10	2, Clear, Metal, 0.87	E	28.0	32.2	901 Btuh
11	2, Clear, Metal, 0.87	E	12.0	32.2	386 Btuh
12	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
13	2, Clear, Metal, 0.87	S	24.0	32.2	773 Btuh
	Window Total		411(sqft)		13240 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1599	3.3	5250 Btuh
2	Frame - Wood - Adj(0.09)	13.0	180	3.3	591 Btuh
	Wall Total		1779		5841 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		18	12.9	233 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		38		492Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2324	1.2	2738 Btuh
	Ceiling Total		2324		2738Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	228.0 ft(p)	43.7	9954 Btuh
	Floor Total		228		9954 Btuh
			Zone Envelope Subtotal:		32266 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.80	19926	265.7	10762 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**43028 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

1/27/2006

	Subtotal Sensible	43028 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	43028 Btuh

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

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House
Lake City, FL 32025-

Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

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

1/27/2006

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	72.0	32.2	2318 Btuh
2	2, Clear, Metal, 0.87	W	42.0	32.2	1352 Btuh
3	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	W	84.0	32.2	2704 Btuh
5	2, Clear, Metal, 0.87	S	18.0	32.2	579 Btuh
6	2, Clear, Metal, 0.87	N	18.0	32.2	579 Btuh
7	2, Clear, Metal, 0.87	E	36.0	32.2	1159 Btuh
8	2, Clear, Metal, 0.87	E	13.3	32.2	428 Btuh
9	2, Clear, Metal, 0.87	E	28.0	32.2	901 Btuh
10	2, Clear, Metal, 0.87	E	28.0	32.2	901 Btuh
11	2, Clear, Metal, 0.87	E	12.0	32.2	386 Btuh
12	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
13	2, Clear, Metal, 0.87	S	24.0	32.2	773 Btuh
	Window Total		411(sqft)		13240 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1599	3.3	5250 Btuh
2	Frame - Wood - Adj(0.09)	13.0	180	3.3	591 Btuh
	Wall Total		1779		5841 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		18	12.9	233 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		38		492Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2324	1.2	2738 Btuh
	Ceiling Total		2324		2738Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	228.0 ft(p)	43.7	9954 Btuh
	Floor Total		228		9954 Btuh
			Zone Envelope Subtotal:		32266 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.80	19926	265.7	10762 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**43028 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

1/27/2006

	Subtotal Sensible	43028 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	43028 Btuh

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

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House

Lake City, FL 32025-

Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 24.0 F 1/27/2006

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	72.0	0.0	72.0	35	86	6164 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	42.0	0.0	42.0	35	86	3595 Btuh
3	2, Clear, 0.87, None,N,N	N	10.5f	10ft.	20.0	0.0	20.0	35	35	701 Btuh
4	2, Clear, 0.87, None,N,N	W	12.5f	10ft.	84.0	84.0	0.0	35	86	2944 Btuh
5	2, Clear, 0.87, None,N,N	S	10.5f	10ft.	18.0	18.0	0.0	35	40	631 Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	18.0	0.0	18.0	35	35	631 Btuh
7	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	36.0	0.0	36.0	35	86	3082 Btuh
8	2, Clear, 0.87, None,N,N	E	6.5ft	12ft.	13.3	0.1	13.2	35	86	1132 Btuh
9	2, Clear, 0.87, None,N,N	E	1.5ft	12ft.	28.0	0.0	28.0	35	86	2397 Btuh
10	2, Clear, 0.87, None,N,N	E	1.5ft	12ft.	28.0	0.0	28.0	35	86	2397 Btuh
11	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	12.0	0.0	12.0	35	86	1027 Btuh
12	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	16.0	16.0	0.0	35	40	561 Btuh
13	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	24.0	24.0	0.0	35	40	841 Btuh
	Excursion									4011 Btuh
	Window Total				411 (sqft)					30115 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1598.7	2.7	4328 Btuh
2	Frame - Wood - Adj	13.0/0.09	180.0	2.1	383 Btuh
	Wall Total		1779 (sqft)		4711 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	18.0	12.3	220 Btuh
2	Insulated - Exterior	20.0	12.3	245 Btuh
	Door Total	38 (sqft)		466 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2324.0	1.9	4367 Btuh
	Ceiling Total		2324 (sqft)		4367 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	228 (ft(p))	0.0	0 Btuh
	Floor Total		228.0 (sqft)		0 Btuh

		Zone Envelope Subtotal:		39659 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.70	19926	232.5	6108 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	8	X 230	+	2400	4240 Btuh

Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)	DGM = 0.00	0.0 Btuh
		Sensible Zone Load	**50007 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

1/27/2006

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**50007 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**50007 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**50007 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	8496 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**10096 Btuh**
	TOTAL GAIN	**60102 Btuh**

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

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House | Project Title: Adams Framing & Construction - Lot 12 | Code Only Professional Version

Lake City, FL 32025- | Climate: North

Reference City: Gainesville (User customized) | Summer Temperature Difference: 24.0 F | 1/27/2006

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	72.0	0.0	72.0	35	86	6164 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	42.0	0.0	42.0	35	86	3595 Btuh
3	2, Clear, 0.87, None,N,N	N	10.5f	10ft.	20.0	0.0	20.0	35	35	701 Btuh
4	2, Clear, 0.87, None,N,N	W	12.5f	10ft.	84.0	84.0	0.0	35	86	2944 Btuh
5	2, Clear, 0.87, None,N,N	S	10.5f	10ft.	18.0	18.0	0.0	35	40	631 Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	18.0	0.0	18.0	35	35	631 Btuh
7	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	36.0	0.0	36.0	35	86	3082 Btuh
8	2, Clear, 0.87, None,N,N	E	6.5ft	12ft.	13.3	0.1	13.2	35	86	1132 Btuh
9	2, Clear, 0.87, None,N,N	E	1.5ft	12ft.	28.0	0.0	28.0	35	86	2397 Btuh
10	2, Clear, 0.87, None,N,N	E	1.5ft	12ft.	28.0	0.0	28.0	35	86	2397 Btuh
11	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	12.0	0.0	12.0	35	86	1027 Btuh
12	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	16.0	16.0	0.0	35	40	561 Btuh
13	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	24.0	24.0	0.0	35	40	841 Btuh
	Excursion									4011 Btuh
	Window Total				411 (sqft)					30115 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1598.7	2.7	4328 Btuh
2	Frame - Wood - Adj	13.0/0.09	180.0	2.1	383 Btuh
	Wall Total		1779 (sqft)		4711 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	18.0	12.3	220 Btuh
2	Insulated - Exterior	20.0	12.3	245 Btuh
	Door Total	38 (sqft)		466 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2324.0	1.9	4367 Btuh
	Ceiling Total		2324 (sqft)		4367 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	228 (ft(p))	0.0	0 Btuh
	Floor Total		228.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		39659 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.70	19926	232.5	6108 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	8	X 230 +	2400	4240 Btuh

Duct load			
	Proposed leak free, R6.0, Supply(Attic), Return(Attic)	DGM = 0.00	0.0 Btuh
		Sensible Zone Load	**50007 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

1/27/2006

	Sensible Envelope Load All Zones	**50007 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**50007 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
Whole House	**Total sensible gain**	**50007 Btuh**
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	8496 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**10096 Btuh**
	TOTAL GAIN	**60102 Btuh**

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

For Florida residences only

Residential Window Diversity

MidSummer

Spec House

Lake City, FL 32025-

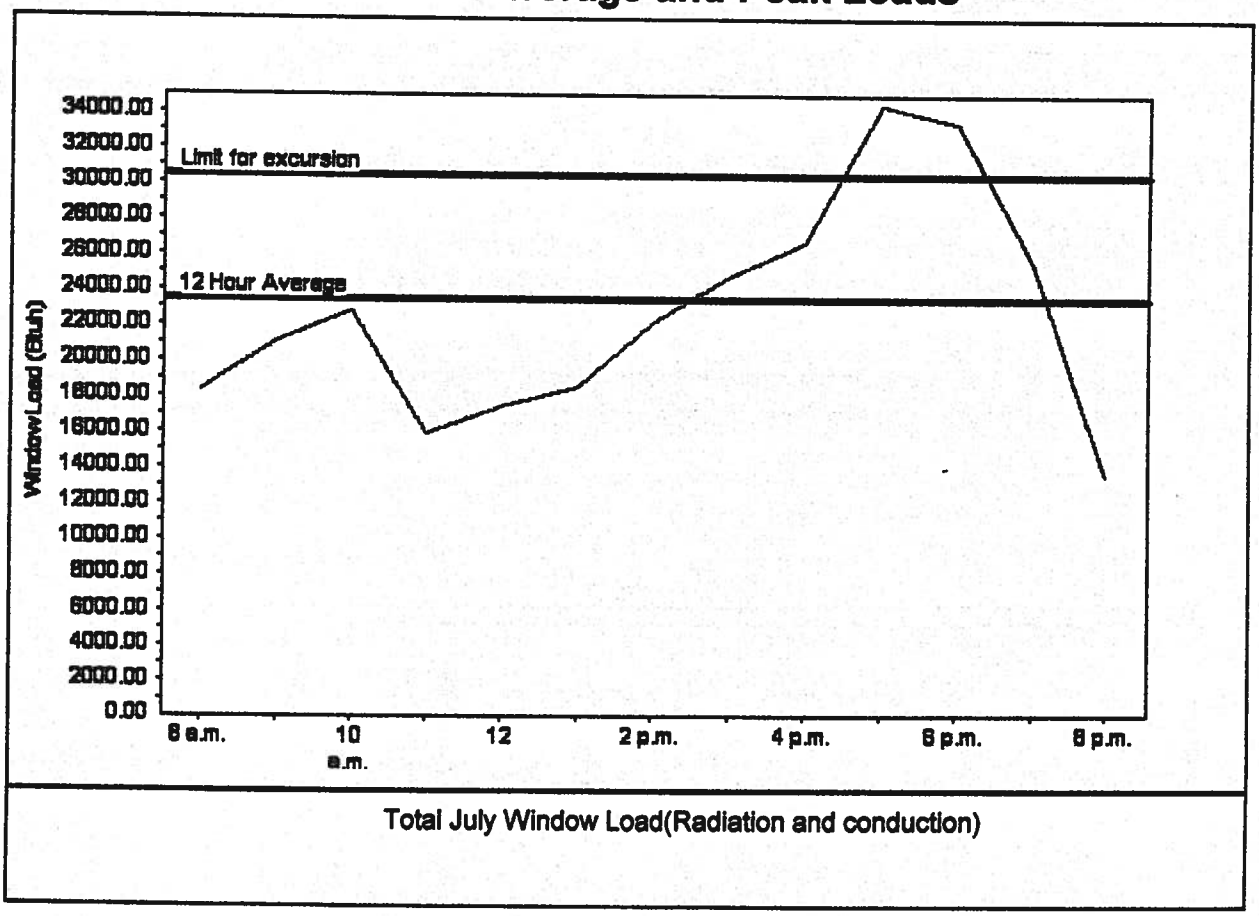
Project Title:
Adams Framing & Construction - Lot 12

Code Only
Professional Version
Climate: North

1/27/2006

Summer design temperature	99 F	Average window load for July	23372 Btu
Summer setpoint	75 F	Peak window load for July	34395 Btu
Summer temperature difference	24 F	Excusion limit(130% of Ave.)	30384 Btu
Latitude	29 North	Window excursion (July)	4011 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: _____
DATE: _____

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.

24142

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB10976 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Adams Framing Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 357 Morning Glory Run. Lake City FL

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 12 Inside 24 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 3-21-06
Brand Name of Product(s) Used Cypus 1.C
EPA Registration No. 53883-92
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 3021 Linear ft. 230 Linear ft. of Masonry Voids 230
Approximate Total Gallons of Solution Applied 7.6
Was treatment completed on exterior? ☐ Yes ☑ No
Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)
Comments

Name of Applicator(s) Steve Brannen Certification No. (if required by State law) JF104376

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 3-21-06

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)

24142

Donald F. Lee & Associates, Inc.

Surveyors & Engineers

140 NW Ridgewood Avenue
Lake City, Florida 32055
(386) 755-6166
Fax (386) 755-6167
donald@dlfa.com

Friday, March 17, 2006

TO: Columbia County Building & Zoning Department

FROM: Tim Delbene, PLS - Donald F. Lee & Associates, Inc.

RE: Lot 12 , Rolling Meadows - Floor Elevation Check

CC: Adam's Framing & Construction

The Finished Floor (stemwall) Elevation was obtained for this foundation under construction on the above referenced lot. The elevation measured was 106.80 feet MSL. This measurement is based on USGS benchmark data.

SIGNED: Timothy A. Delbene

Timothy A. Delbene, P.L.S.

DATE: 3/17/2006

Project Information for:	L146633		
Builder:	OWNER/BUILDER	Date:	1/24/2006
Lot:	LOT [redacted] ROLLING MEADOWS	Start Number:	**1418**
Subdivision:	N/A		
County or City:	COLUMBIA COUNTY		
Truss Page Count:	58		

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

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

Note: See individual truss drawings for special loading conditions

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

Owner Builder
Address: N/A
N/A
Designer: **97**

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

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
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.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	0124061418	1/24/2006	41	T15	0124061458	1/24/2006
2	CJ3	0124061419	1/24/2006	42	T16	0124061459	1/24/2006
3	CJ5	0124061420	1/24/2006	43	T17	0124061460	1/24/2006
4	EJ3	0124061421	1/24/2006	44	T18	0124061461	1/24/2006
5	EJ5	0124061422	1/24/2006	45	T19	0124061462	1/24/2006
6	EJ7	0124061423	1/24/2006	46	T20	0124061463	1/24/2006
7	EJ7A	0124061424	1/24/2006	47	T21	0124061464	1/24/2006
8	EJ7B	0124061425	1/24/2006	48	T22	0124061465	1/24/2006
9	EJ7C	0124061426	1/24/2006	49	T23	0124061466	1/24/2006
10	EJ7D	0124061427	1/24/2006	50	T24	0124061467	1/24/2006
11	EJ7G	0124061428	1/24/2006	51	T25	0124061468	1/24/2006
12	EJ7T	0124061429	1/24/2006	52	T26	0124061469	1/24/2006
13	HJ4	0124061430	1/24/2006	53	T27	0124061470	1/24/2006
14	HJ7	0124061431	1/24/2006	54	T28	0124061471	1/24/2006
15	HJ9	0124061432	1/24/2006	55	T29	0124061472	1/24/2006
16	PB1	0124061433	1/24/2006	56	T30	0124061473	1/24/2006
17	PB2	0124061434	1/24/2006	57	T31	0124061474	1/24/2006
18	PB3	0124061435	1/24/2006	58	T32	0124061475	1/24/2006
19	PB4	0124061436	1/24/2006				
20	PB5	0124061437	1/24/2006				
21	T01	0124061438	1/24/2006				
22	T01G	0124061439	1/24/2006				
23	T02	0124061440	1/24/2006				
24	T03	0124061441	1/24/2006				
25	T04	0124061442	1/24/2006				
26	T05	0124061443	1/24/2006				
27	T06	0124061444	1/24/2006				
28	T07	0124061445	1/24/2006				
29	T07A	0124061446	1/24/2006				
30	T07G	0124061447	1/24/2006				
31	T08	0124061448	1/24/2006				
32	T09	0124061449	1/24/2006				
33	T10	0124061450	1/24/2006				
34	T11	0124061451	1/24/2006				
35	T12	0124061452	1/24/2006				
36	T12A	0124061453	1/24/2006				
37	T12B	0124061454	1/24/2006				
38	T12G	0124061455	1/24/2006				
39	T13	0124061456	1/24/2006				
40	T14	0124061457	1/24/2006				

JAN 24 2006

Dwg.#0124061418

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	CJ1	MONO TRUSS	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:12 2006 Page 1

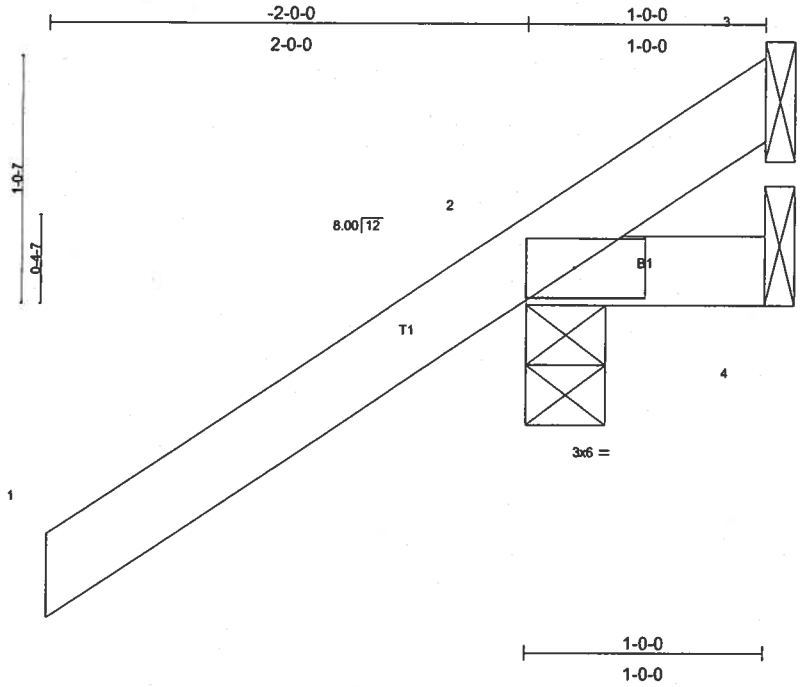


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.00	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=116(load case 5)
Max Uplift2=-307(load case 5), 4=-11(load case 3), 3=-91(load case 1)
Max Grav 2=267(load case 1), 4=14(load case 1), 3=147(load case 5)

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

NOTES
1) Wind: ASCE 7-02; 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 307 lb uplift at joint 2, 11 lb uplift at joint 4 and 91 lb uplift at joint 3.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061419

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	CJ3	MONO TRUSS	6	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:15 2006 Page 1

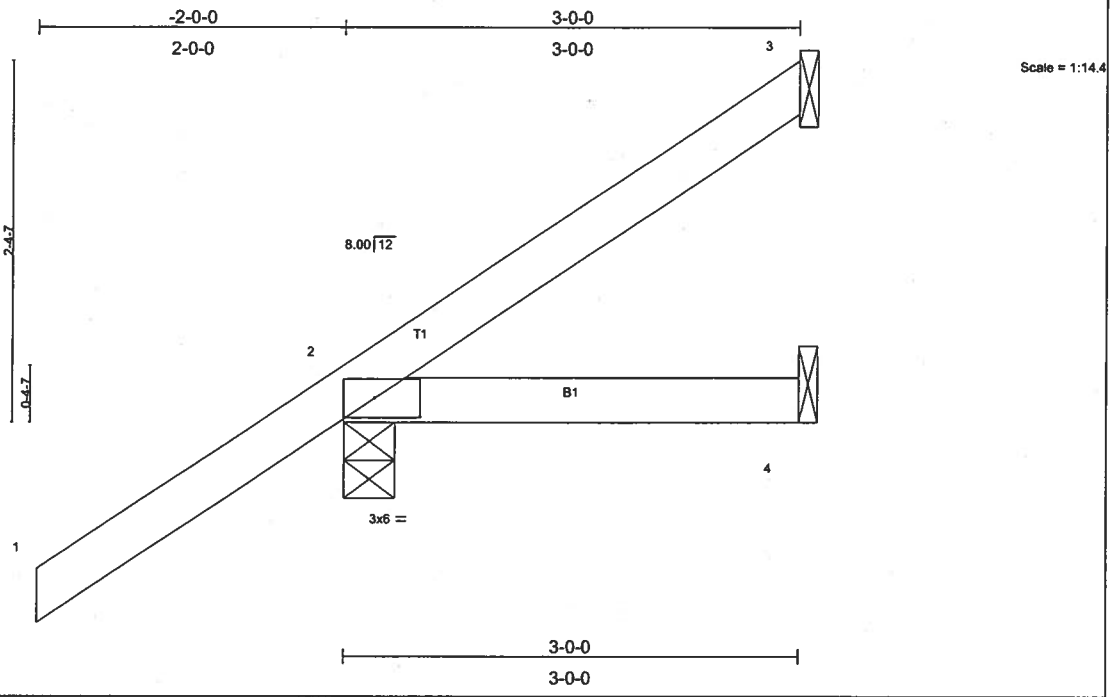


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	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: 14 lb	

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

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

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
Max Horz 2=175(load case 5)
Max Uplift3=-34(load case 6), 2=-234(load case 5), 4=-33(load case 3)
Max Grav 3=33(load case 3), 2=279(load case 1), 4=42(load case 1)

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

NOTES
1) Wind: ASCE 7-02; 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 34 lb uplift at joint 3, 234 lb uplift at joint 2 and 33 lb uplift at joint 4.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061420

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	CJ5	MONO TRUSS	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:17 2006 Page 1

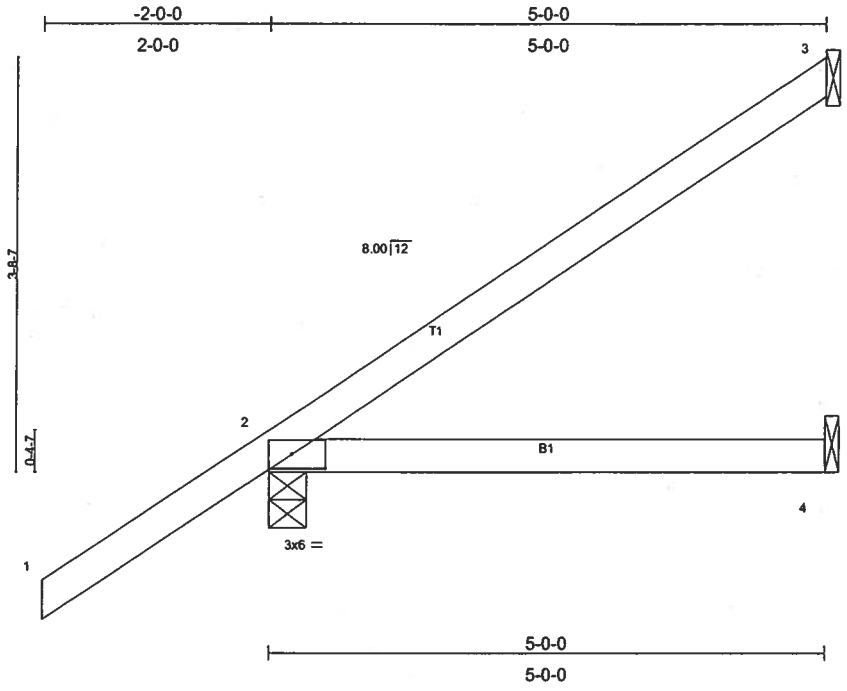


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 20 lb	

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

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

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

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

NOTES
1) Wind: ASCE 7-02; 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; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 105 lb uplift at joint 3 and 182 lb uplift at joint 2.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061421

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ3	MONO TRUSS	7	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:19 2006 Page 1

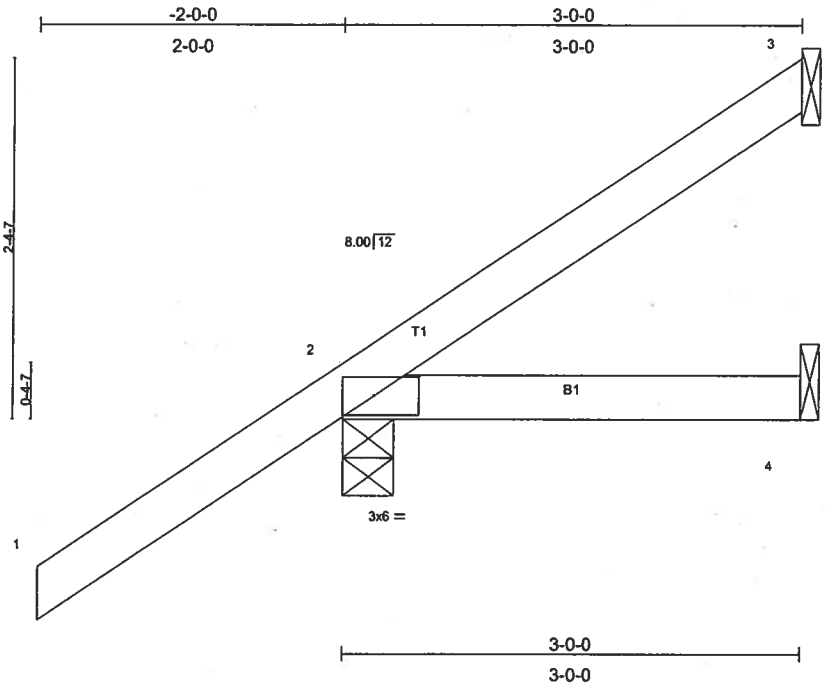


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	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: 14 lb	

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

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

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
Max Horz 2=175(load case 5)
Max Uplift3=-34(load case 6), 2=-234(load case 5), 4=-33(load case 3)
Max Grav 3=33(load case 3), 2=279(load case 1), 4=42(load case 1)

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

NOTES
1) Wind: ASCE 7-02; 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 34 lb uplift at joint 3, 234 lb uplift at joint 2 and 33 lb uplift at joint 4.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061422

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ5	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:22 2006 Page 1

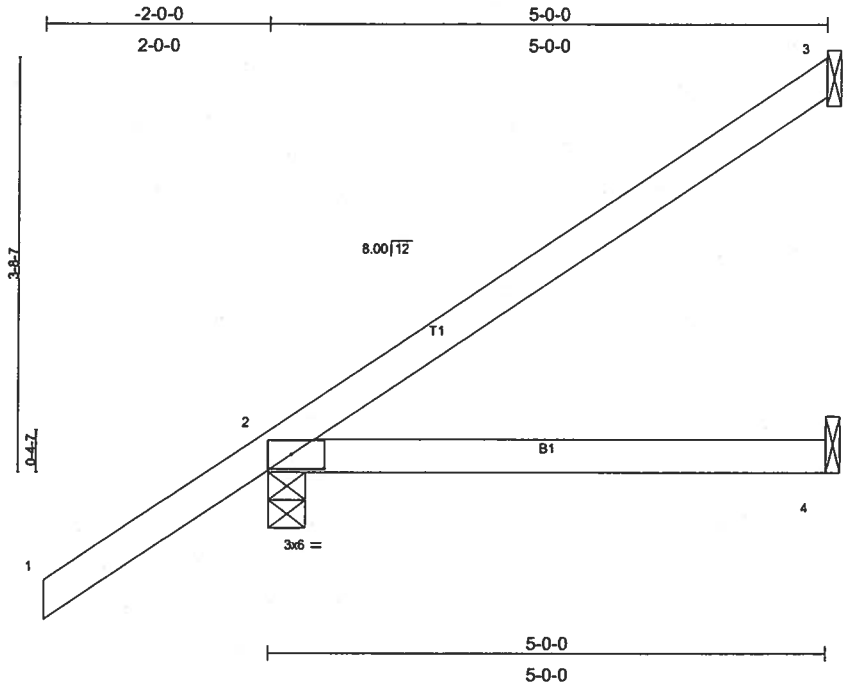


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	0.09	2-4	>672	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: 20 lb	

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

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

REACTIONS (lb/size) 3=102/Mechanical, 2=344/0-4-0, 4=72/Mechanical
Max Horz 2=237(load case 5)
Max Uplift3=-105(load case 5), 2=-242(load case 5), 4=-56(load case 3)

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

NOTES
1) Wind: ASCE 7-02; 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 105 lb uplift at joint 3, 242 lb uplift at joint 2 and 56 lb uplift at joint 4.

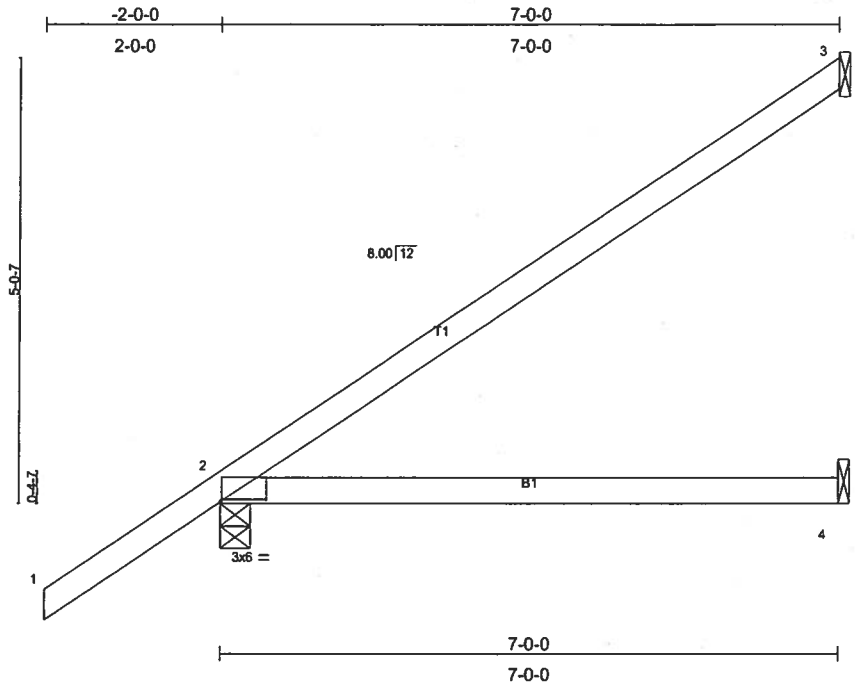
LOAD CASE(S) Standard

JANUARY 24, 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.#0124061423

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ7	MONO TRUSS	42	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:24 2006 Page 1



Scale = 1:24.9
Camber = 1/16 in

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.12	2-4	>659	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.21	2-4	>394	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: 27 lb	

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

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

REACTIONS (lb/size) 3=161/Mechanical, 2=420/0-4-0, 4=105/Mechanical
Max Horz 2=298(load case 5)
Max Uplift3=-160(load case 5), 2=-182(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-130/71
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; 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 160 lb uplift at joint 3 and 182 lb uplift at joint 2.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061424

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ7A	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:27 2006 Page 1

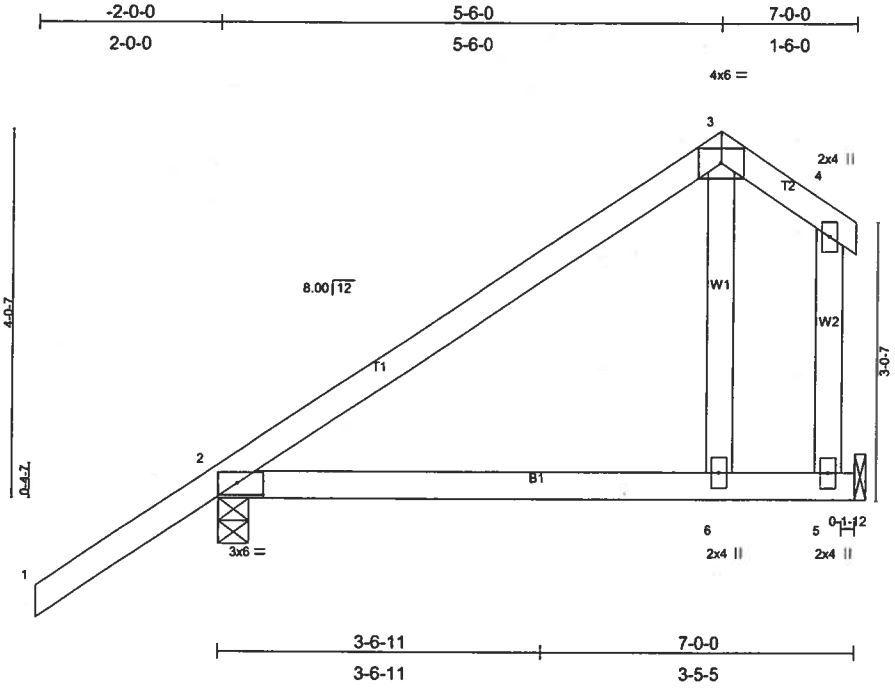


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.12	2-6	>630	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.20	2-6	>387	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 36 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=411/0-4-0, 5=255/Mechanical
Max Horz 2=228(load case 5)
Max Uplift2=-217(load case 5), 5=-96(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-102/47, 3-4=-52/16
BOT CHORD 2-6=0/0, 5-6=0/0
WEBS 3-6=-75/147, 4-5=-100/19

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 217 lb uplift at joint 2 and 96 lb uplift at joint 5.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061425

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ7B	MONO HIP	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:29 2006 Page 1

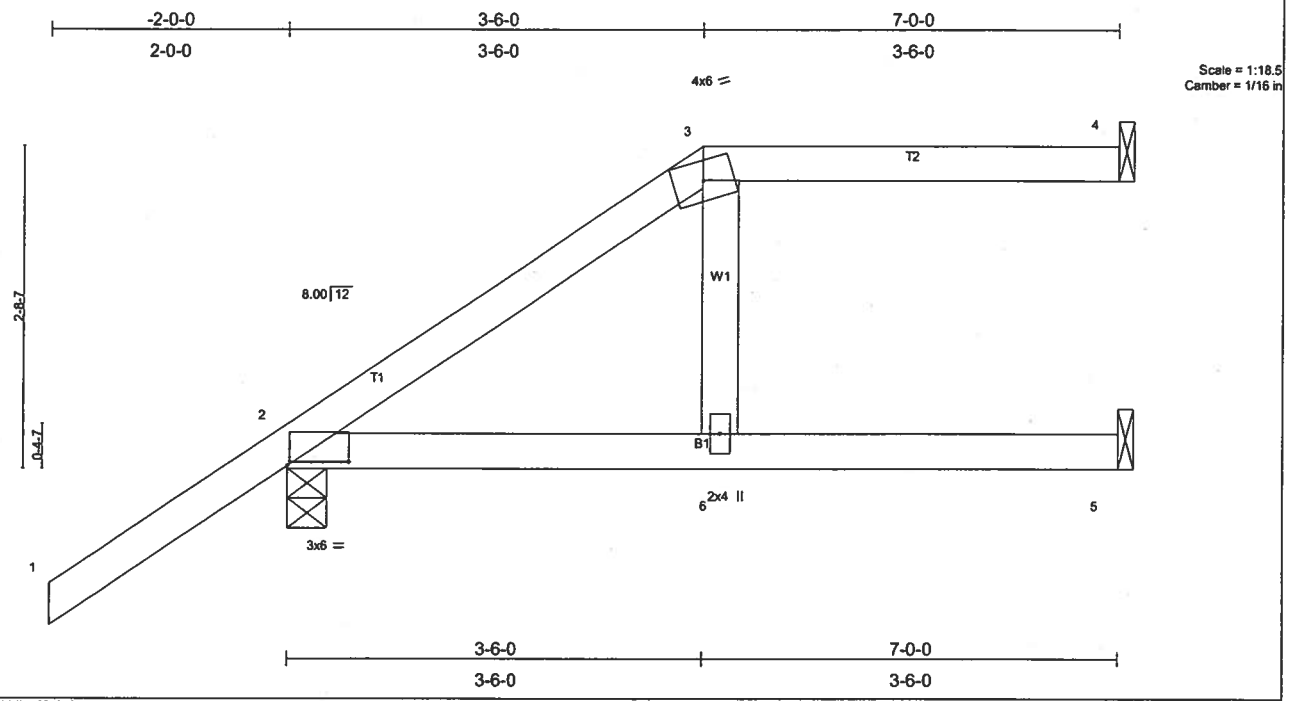


Plate Offsets (X,Y): [2:0-6-3,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.14	6	>592	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.22	6	>366	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.15	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 29 lb	

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

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

REACTIONS (lb/size) 4=139/Mechanical, 2=420/0-4-0, 5=127/Mechanical
Max Horz 2=194(load case 5)
Max Uplift4=-78(load case 3), 2=-224(load case 5), 5=-22(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-97/15, 3-4=-1/1
BOT CHORD 2-6=-9/4, 5-6=0/0
WEBS 3-6=-66/142

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 78 lb uplift at joint 4, 224 lb uplift at joint 2 and 22 lb uplift at joint 5.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061426

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ7C	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:32 2006 Page 1

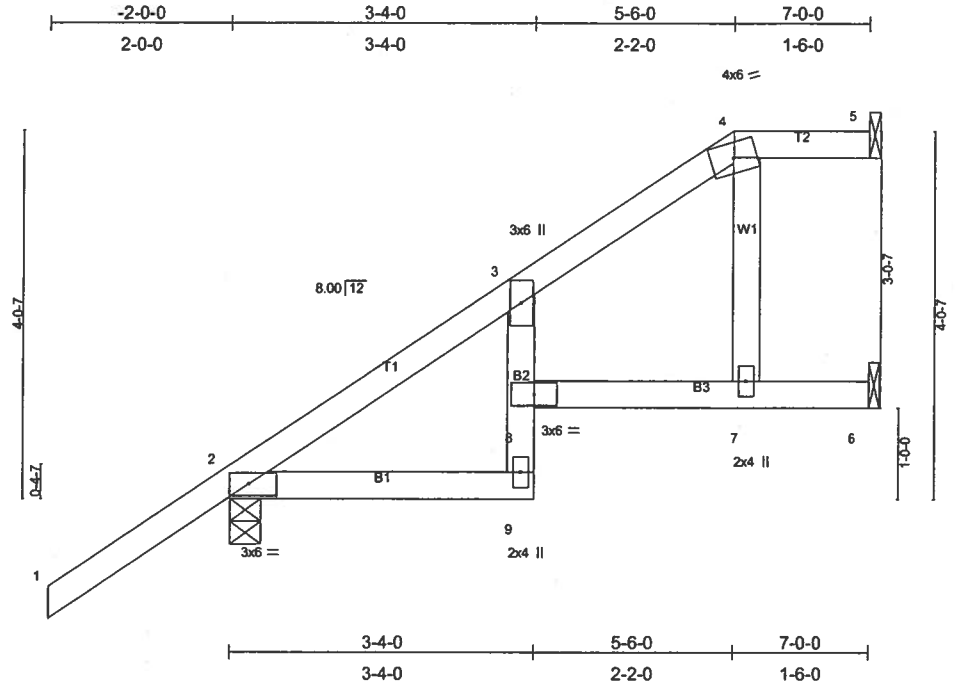


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	0.12	7-8	>696	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.18	7-8	>447	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.08	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 33 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 5=115/Mechanical, 2=420/0-4-0, 6=151/Mechanical
Max Horz 2=255(load case 5)
Max Uplift5=-47(load case 4), 2=-207(load case 5), 6=-64(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-307/2, 3-4=-53/40, 4-5=-1/1
BOT CHORD 2-9=-90/189, 8-9=0/55, 3-8=0/81, 7-8=-5/3, 6-7=0/0
WEBS 4-7=-51/88

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 5, 207 lb uplift at joint 2 and 64 lb uplift at joint 6.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061427

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ7D	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:34 2006 Page 1

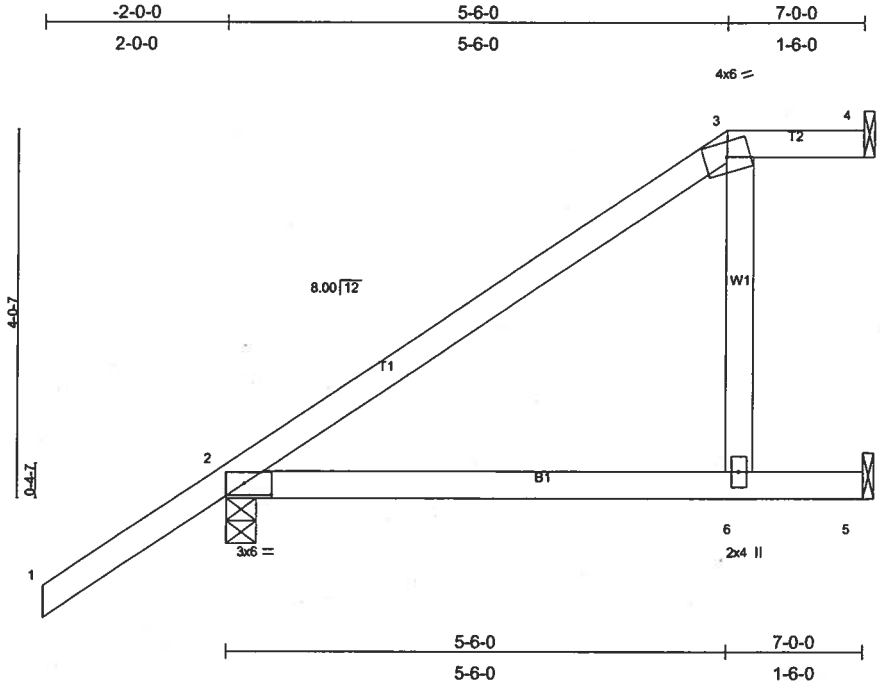


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	-0.15	2-6	>555	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.24	2-6	>340	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.10	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 31 lb	

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

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

REACTIONS (lb/size) 4=97/Mechanical, 2=420/0-4-0, 5=168/Mechanical
Max Horz 2=255(load case 5)
Max Uplift4=-30(load case 3), 2=-207(load case 5), 5=-103(load case 5)
Max Grav 4=99(load case 10), 2=420(load case 1), 5=168(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-106/43, 3-4=-1/1
BOT CHORD 2-6=-7/3, 5-6=0/0
WEBS 3-6=-89/180

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 4, 207 lb uplift at joint 2 and 103 lb uplift at joint 5.

LOAD CASE(S) Standard

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Dwg.#0124061428

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ7G	MONO HIP	2	1	Job Reference (optional)

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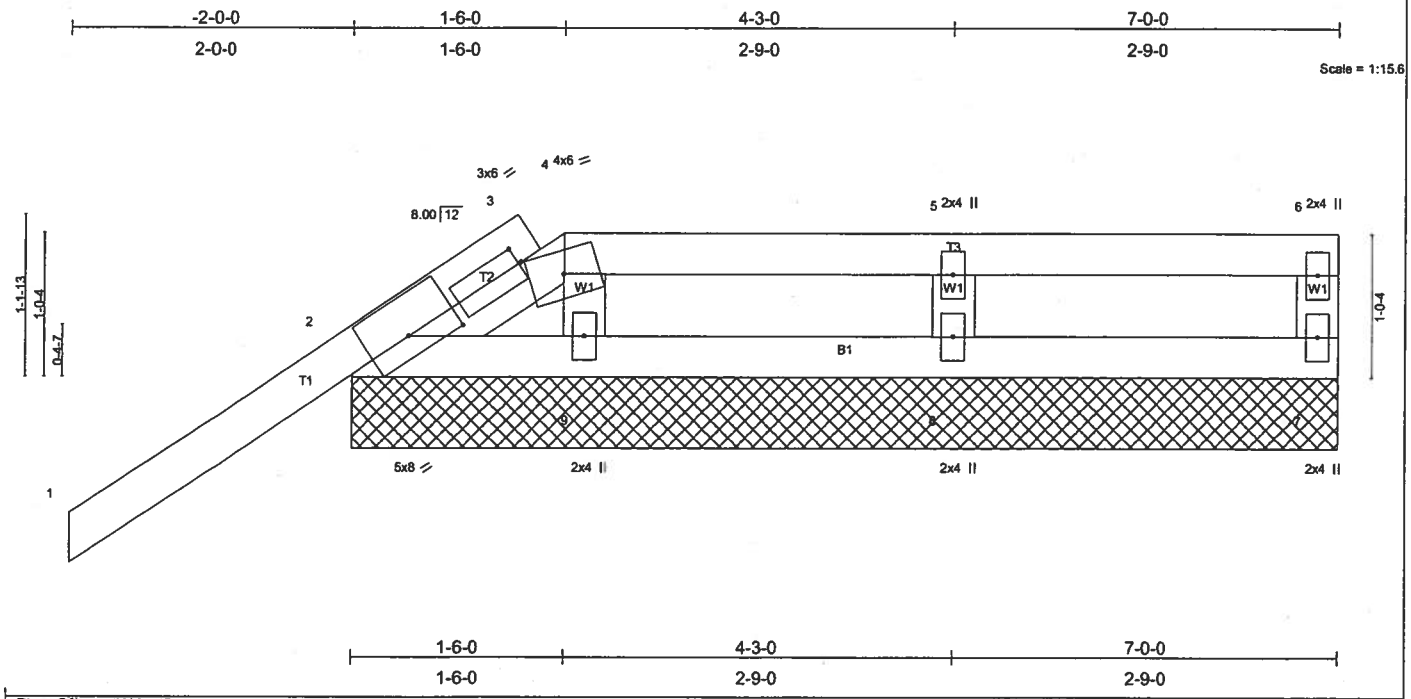

Plate Offsets (X,Y): [2:0-4-5,0-1-12], [3:0-0-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.05	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.07	1	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.07	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 28 lb	

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

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

REACTIONS (lb/size) 2=494/7-0-0, 7=166/7-0-0, 9=136/7-0-0, 8=423/7-0-0
Max Horz 2=118(load case 5)
Max Uplift2=-331(load case 5), 7=-78(load case 3), 9=-41(load case 4), 8=-203(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-32/123, 2-3=-167/90, 3-4=-92/85, 4-5=-64/39, 5-6=-63/39, 6-7=-132/112
BOT CHORD 2-9=-50/85, 8-9=-39/63, 7-8=-39/63
WEBS 4-9=-106/69, 5-8=-333/286

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; 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) Gable requires continuous bottom chord bearing.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 331 lb uplift at joint 2, 78 lb uplift at joint 7, 41 lb uplift at joint 9 and 203 lb uplift at joint 8.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-114(F=-60), 4-6=-114(F=-60), 2-7=-30

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Dwg.#0124061429

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	EJ7T	SPECIAL	4	1	Job Reference (optional)

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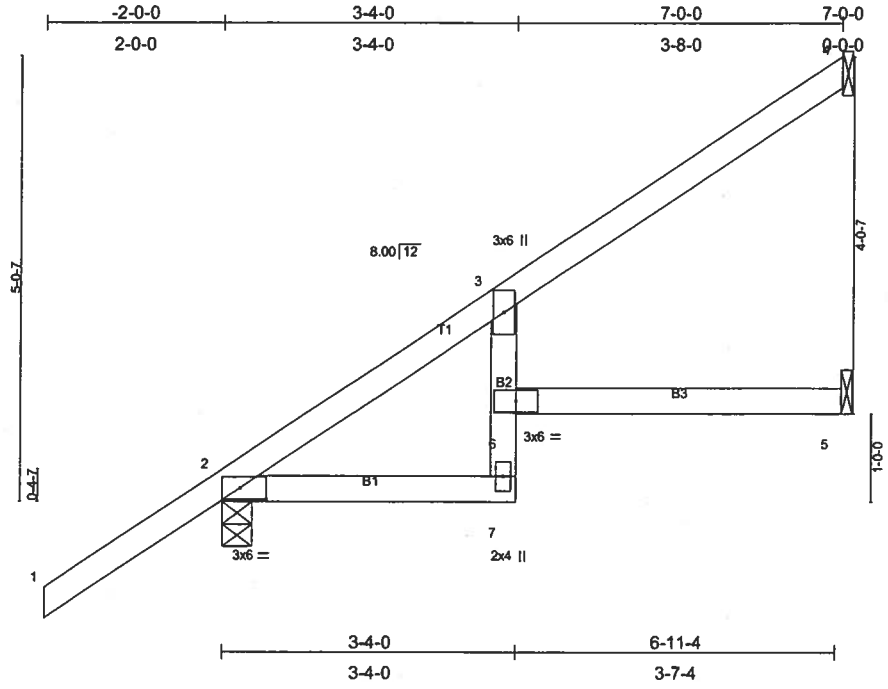

Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	0.12	5-6	>697	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.18	5-6	>449	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.06	5	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 *Except*
B2 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=141/Mechanical, 2=420/0-4-0, 5=124/Mechanical
Max Horz 2=298(load case 5)
Max Uplift4=-120(load case 5), 2=-182(load case 5), 5=-34(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-309/0, 3-4=-88/67
BOT CHORD 2-7=-99/193, 6-7=0/47, 3-6=0/95, 5-6=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; 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 120 lb uplift at joint 4, 182 lb uplift at joint 2 and 34 lb uplift at joint 5.

LOAD CASE(S) Standard

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

Dwg.#0124061430

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	HJ4	MONO TRUSS	2	1	Job Reference (optional)

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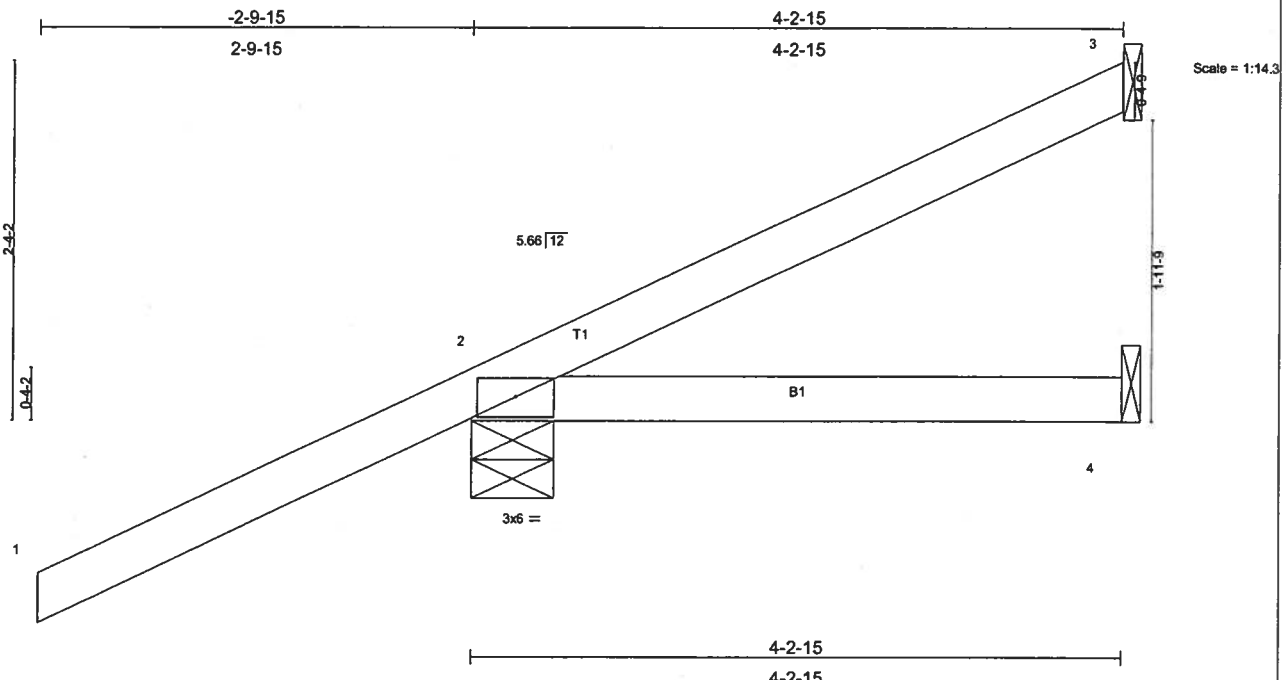

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	0.02	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(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=127(load case 4)
Max Uplift3=-3(load case 5), 2=-303(load case 4), 4=-41(load case 2)
Max Grav 3=45(load case 2), 2=296(load case 1), 4=42(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-49/19
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 3 lb uplift at joint 3, 303 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)

JANUARY 24, 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.#0124061431

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	HJ7	MONO TRUSS	1	1	Job Reference (optional)

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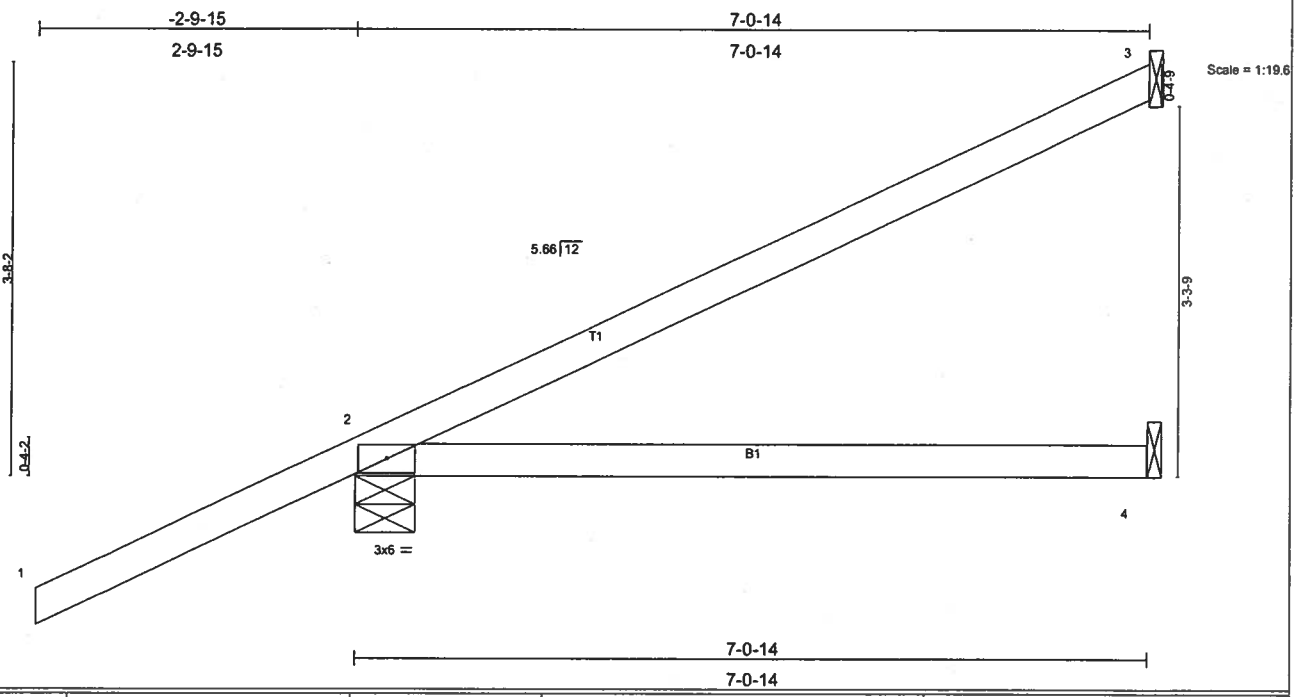

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	In	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	0.11	2-4	>762	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.27	Vert(TL)	-0.13	2-4	>639	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 27 lb	

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

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

REACTIONS (lb/size) 3=190/Mechanical, 2=381/0-6-7, 4=110/Mechanical
Max Horz 2=222(load case 4)
Max Uplift3=-175(load case 4), 2=-315(load case 4), 4=-55(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-101/57
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 175 lb uplift at joint 3, 315 lb uplift at joint 2 and 55 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=-95(F=-21, B=-21), 2=0(F=15, B=15)-to-4=-53(F=-12, B=-12)

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

Dwg.#0124061432

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	HJ9	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:47 2006 Page 1

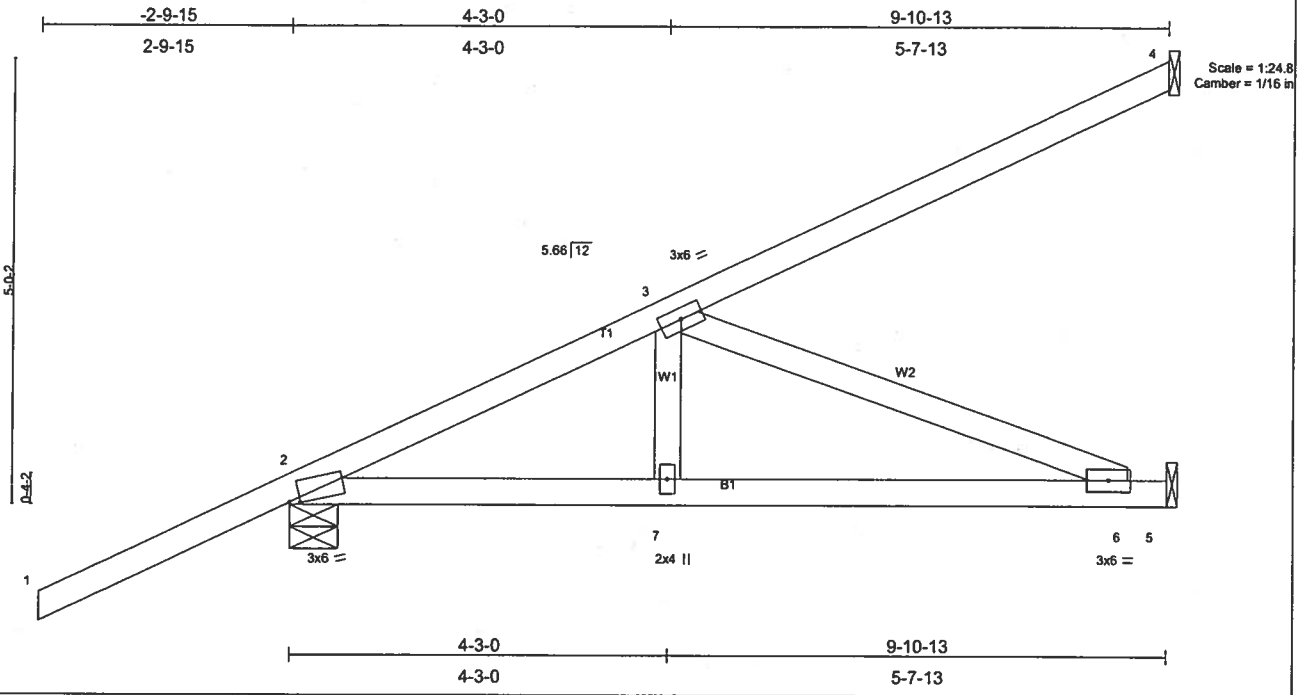

Plate Offsets (X,Y): [2:0-1-7,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.61	Vert(LL)	-0.10	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.17	6-7	>665	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.38	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 47 lb	

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

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

REACTIONS (lb/size) 4=268/Mechanical, 2=537/0-6-7, 5=374/Mechanical
Max Horz 2=357(load case 4)
Max Uplift4=-249(load case 4), 2=-249(load case 4), 5=-75(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-702/13, 3-4=-142/83
BOT CHORD 2-7=-265/615, 6-7=-265/615, 5-6=0/0
WEBS 3-7=0/189, 3-6=-661/284

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) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 249 lb uplift at joint 4, 249 lb uplift at joint 2 and 75 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)

JANUARY 24, 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.#0124061433

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	PB1	HIP PIGGYBACK	1	1	Job Reference (optional)

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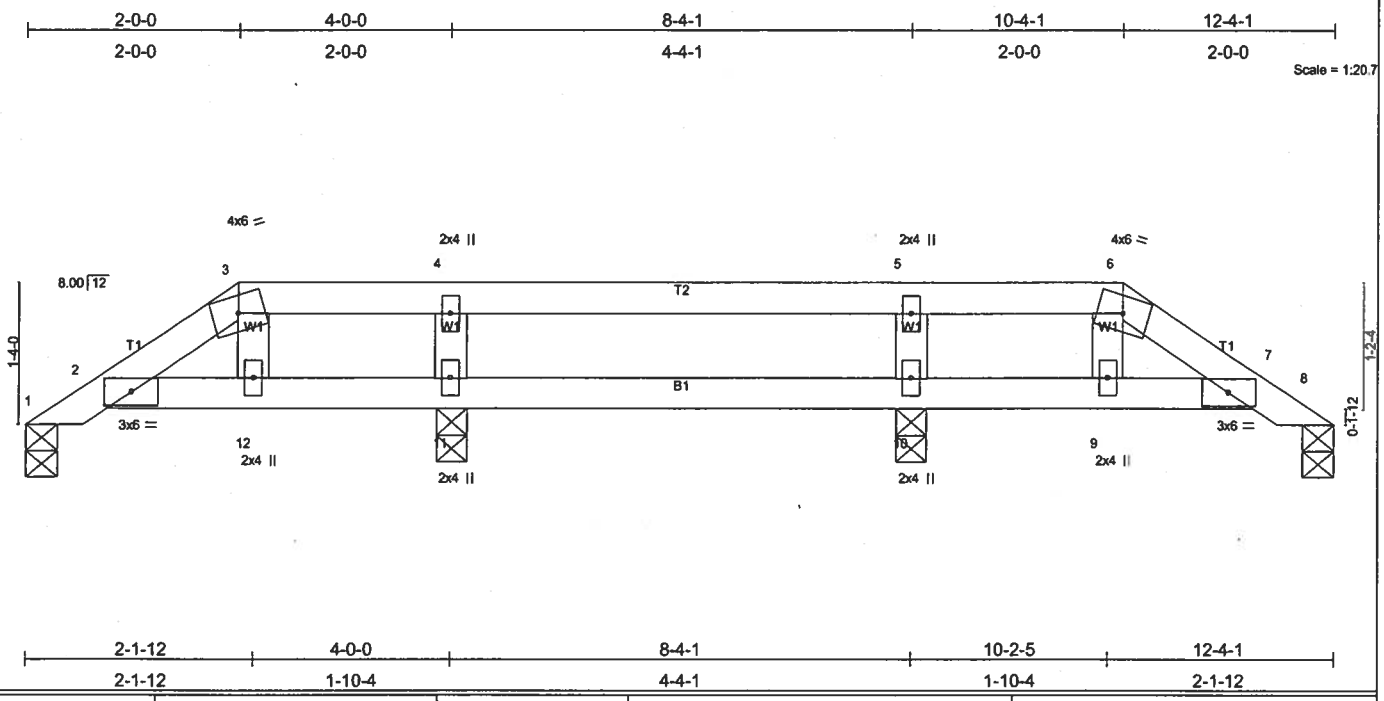


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	0.01	12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.12	Vert(TL)	-0.01	12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.01	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 39 lb	

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

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

REACTIONS (lb/size) 1=137/0-3-8, 8=137/0-3-8, 11=357/0-3-8, 10=357/0-3-8
Max Horz 1=43(load case 4)
Max Uplift1=-49(load case 5), 8=-52(load case 6), 11=-180(load case 4), 10=-174(load case 3)
Max Grav 1=137(load case 1), 8=137(load case 1), 11=367(load case 9), 10=367(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-67/39, 2-3=-115/55, 3-4=-88/63, 4-5=-88/63, 5-6=-88/63, 6-7=-115/55, 7-8=-67/36
BOT CHORD 2-12=-20/86, 11-12=-18/88, 10-11=-18/88, 9-10=-18/88, 7-9=-18/86
WEBS 3-12=-5/22, 6-9=-3/22, 4-11=-227/195, 5-10=-227/195

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 1, 52 lb uplift at joint 8, 180 lb uplift at joint 11 and 174 lb uplift at joint 10.

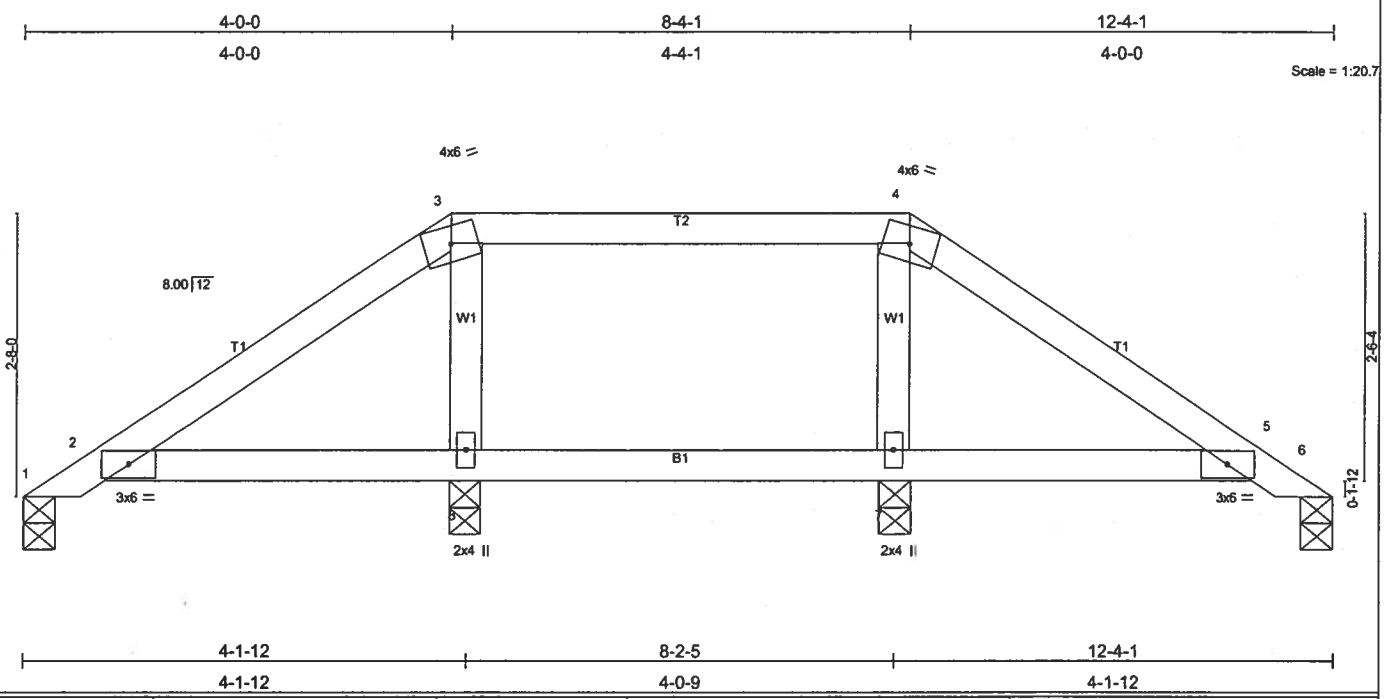
LOAD CASE(S) Standard

JANUARY 24, 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.#0124061434

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	PB2	HIP PIGGYBACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:52 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	0.19	Vert(LL)	0.01	2-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.01	2-8	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 43 lb	

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

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

REACTIONS (lb/size) 1=49/0-3-8, 6=49/0-3-8, 8=445/0-3-8, 7=445/0-3-8
Max Horz 1=-90(load case 3)
Max Uplift1=-17(load case 3), 6=-42(load case 3), 8=-162(load case 4), 7=-142(load case 6)
Max Grav 1=73(load case 9), 6=73(load case 10), 8=445(load case 1), 7=445(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-76/91, 2-3=-87/215, 3-4=-22/145, 4-5=-70/215, 5-6=-35/26
BOT CHORD 2-8=-125/112, 7-8=-145/122, 5-7=-125/109
WEBS 3-8=-316/212, 4-7=-316/212

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1, 6 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 17 lb uplift at joint 1, 42 lb uplift at joint 6, 162 lb uplift at joint 8 and 142 lb uplift at joint 7.

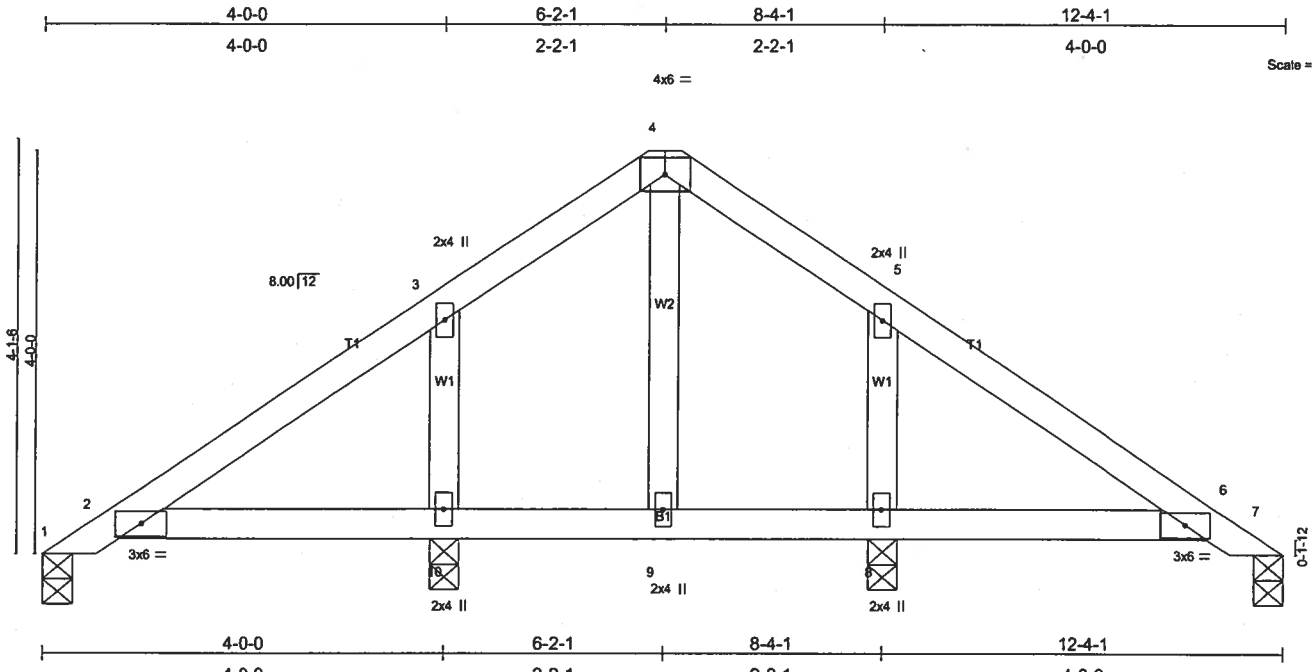
LOAD CASE(S) Standard

JANUARY 24, 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.#0124061435

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	PB3	HIP PIGGYBACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:47:54 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	0.15	Vert(LL)	0.01	2-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.01	2-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 49 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.
JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 1=113/0-3-8, 7=113/0-3-8, 10=382/0-3-8, 8=382/0-3-8
Max Horz 1=139(load case 4)
Max Uplift1=-14(load case 6), 7=-9(load case 6), 10=-192(load case 5), 8=-177(load case 6)
Max Grav 1=115(load case 9), 7=115(load case 10), 10=382(load case 1), 8=382(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-138/130, 2-3=-109/68, 3-4=-53/39, 4-5=-53/35, 5-6=-92/68, 6-7=-58/10
BOT CHORD 2-10=-15/136, 9-10=-15/136, 8-9=-15/136, 6-8=-15/136
WEBS 4-9=-33/27, 3-10=-216/184, 5-8=-216/181

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 1, 7 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 14 lb uplift at joint 1, 9 lb uplift at joint 7, 192 lb uplift at joint 10 and 177 lb uplift at joint 8.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061436

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	PB4	PIGGYBACK	3	1	Job Reference (optional)

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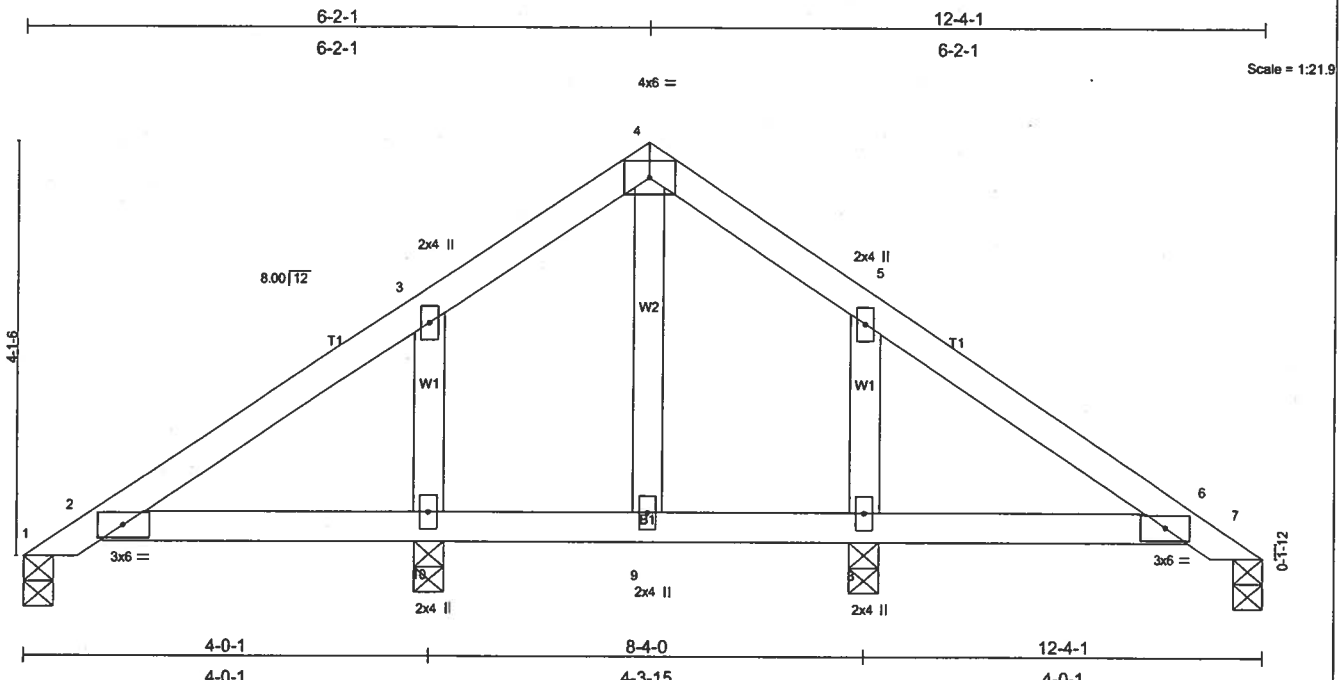

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	0.01	2-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.13	Vert(TL)	-0.01	2-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 49 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 6-0-0 oc bracing.

REACTIONS (lb/size) 1=111/0-3-8, 7=111/0-3-8, 10=383/0-3-8, 8=383/0-3-8
Max Horz 1=139(load case 4)
Max Uplift1=-15(load case 6), 7=-9(load case 6), 10=-192(load case 5), 8=-177(load case 6)
Max Grav 1=114(load case 9), 7=114(load case 10), 10=383(load case 1), 8=383(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-139/132, 2-3=-109/70, 3-4=-51/40, 4-5=-51/35, 5-6=-92/70, 6-7=-55/10
BOT CHORD 2-10=-16/136, 9-10=-16/136, 8-9=-16/136, 6-8=-16/136
WEBS 4-9=-35/27, 3-10=-216/184, 5-8=-216/180

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 15 lb uplift at joint 1, 9 lb uplift at joint 7, 192 lb uplift at joint 10 and 177 lb uplift at joint 8.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061437

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	PB5	HIP PIGGYBACK	1	1	Job Reference (optional)

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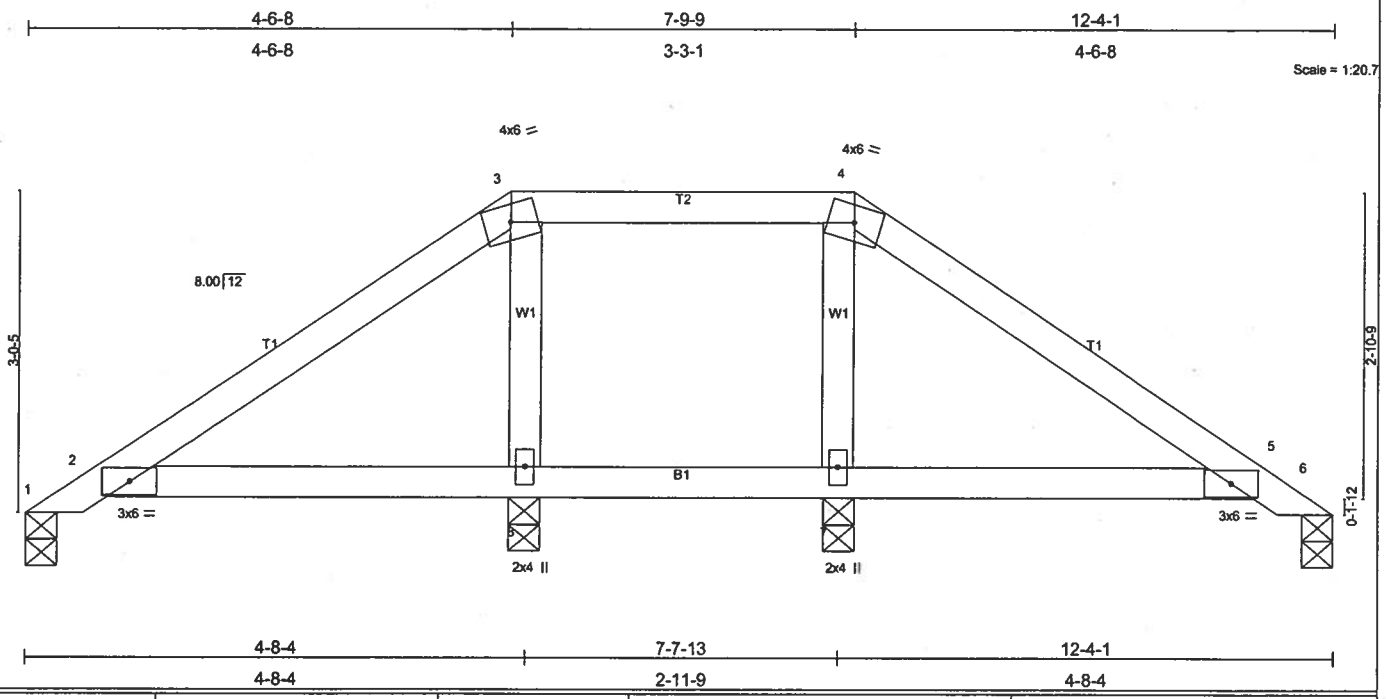

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.18	Vert(LL) 0.01 2-8 >999 240	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.12	Vert(TL) -0.02 5-7 >999 180	
BCLL 10.0	Rep Stress Incr YES	WB 0.07	Horz(TL) 0.01 6 n/a n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 44 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 6-0-0 oc bracing.

REACTIONS (lb/size) 1=27/0-3-8, 6=27/0-3-8, 8=468/0-3-8, 7=468/0-3-8
Max Horz 1=-102(load case 3)
Max Uplift1=-17(load case 10), 6=-40(load case 3), 8=-183(load case 5), 7=-164(load case 6)
Max Grav 1=59(load case 9), 6=59(load case 10), 8=468(load case 1), 7=468(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-90/99, 2-3=-123/319, 3-4=-45/230, 4-5=-113/319, 5-6=-29/26
BOT CHORD 2-8=-210/162, 7-8=-230/174, 5-7=-210/162
WEBS 3-8=-348/214, 4-7=-348/214

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 1, 6 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 17 lb uplift at joint 1, 40 lb uplift at joint 6, 183 lb uplift at joint 8 and 164 lb uplift at joint 7.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061438

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T01	COMMON	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:00 2006 Page 1

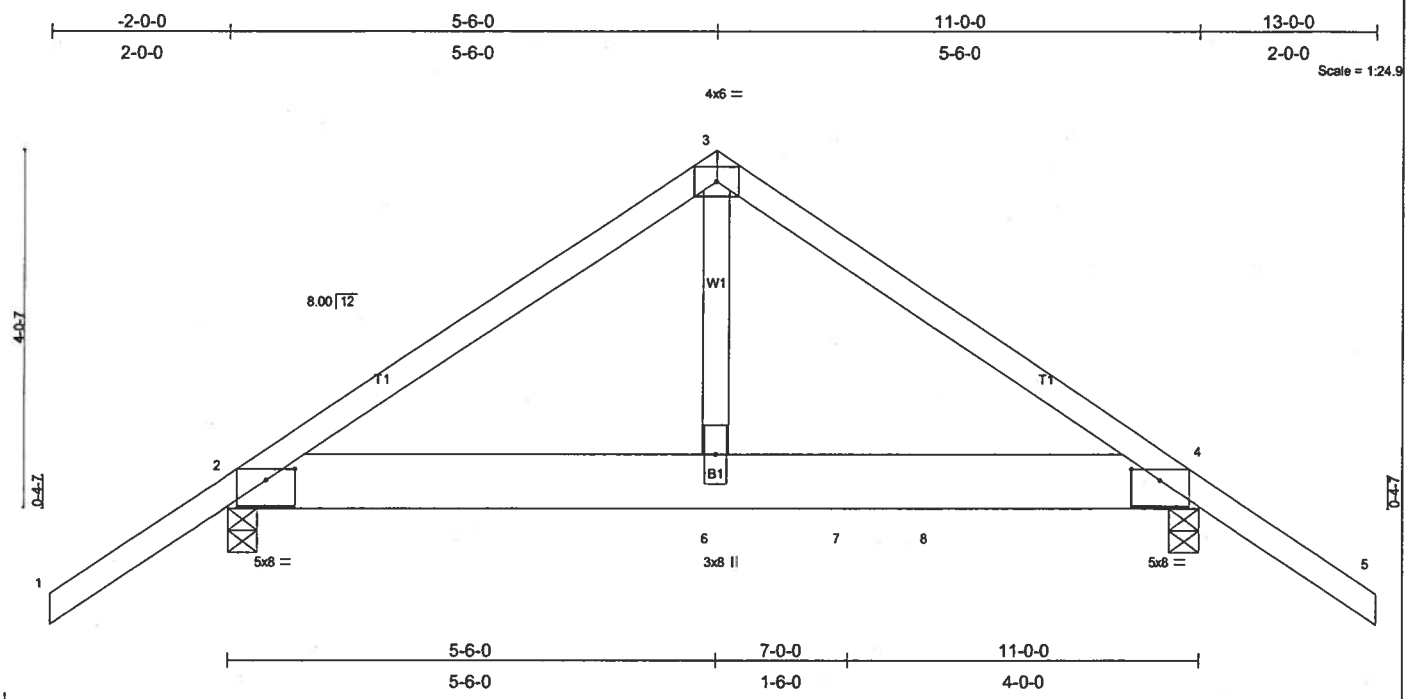

Plate Offsets (X,Y): [2:0-4-0,0-1-9], [4:0-4-0,0-1-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	-0.06	4-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.09	4-6	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.40	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 132 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP No.1D
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=1528/0-4-0, 4=3169/0-4-0
Max Horz 2=-131(load case 2)
Max Uplift2=-642(load case 4), 4=-1276(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-2611/928, 3-4=-2575/919, 4-5=0/65
BOT CHORD 2-6=-670/2107, 6-7=-670/2107, 7-8=-670/2107, 4-8=-670/2107
WEBS 3-6=-827/2487

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 642 lb uplift at joint 2 and 1276 lb uplift at joint 4.
6) Girder carries tie-in span(s): 26-0-0 from 8-0-0 to 11-0-0
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2158 lb down and 815 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 2-8=-30, 4-8=-527(F=-497)
Concentrated Loads (lb)
Vert: 7=-2158(F)

JANUARY 24, 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.#0124061439

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T01G	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:03 2006 Page 1

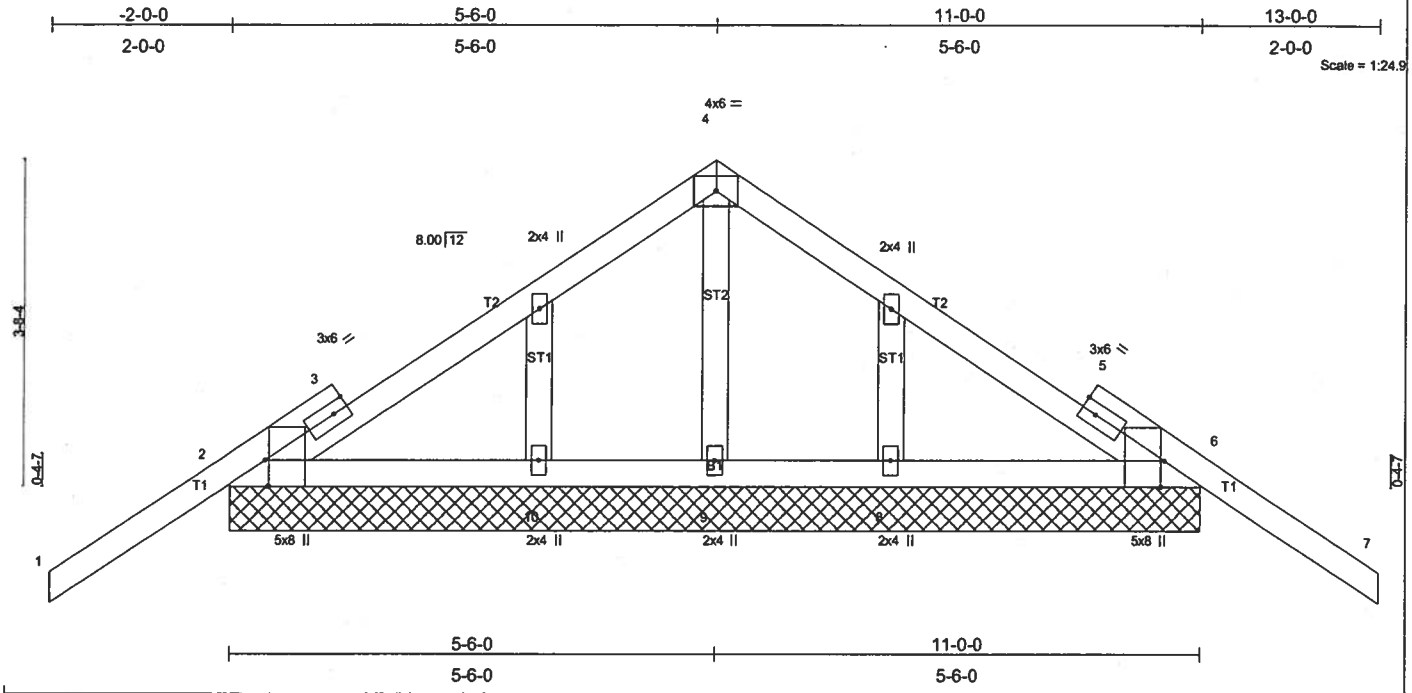

Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.02	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	0.03	7	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 56 lb	

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

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

REACTIONS (lb/size) 2=837/11-0-0, 6=837/11-0-0, 9=-61/11-0-0, 10=214/11-0-0, 8=214/11-0-0
Max Horz 2=-124(load case 3)
Max Uplift2=-432(load case 5), 6=-432(load case 6), 9=-61(load case 1), 10=-35(load case 6), 8=-35(load case 5)
Max Grav 2=837(load case 1), 6=837(load case 1), 9=50(load case 5), 10=215(load case 9), 8=215(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-16/123, 2-3=-702/284, 3-4=-584/284, 4-5=-584/284, 5-6=-702/284, 6-7=-16/123
BOT CHORD 2-10=-142/486, 9-10=-142/486, 8-9=-142/486, 6-8=-142/486

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 432 lb uplift at joint 2, 432 lb uplift at joint 6, 61 lb uplift at joint 9, 35 lb uplift at joint 10 and 35 lb uplift at joint 8.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-114(F=-60), 4-7=-114(F=-60), 2-6=-30

JANUARY 24, 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.#0124061440

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T02	HIP	1	1	Job Reference (optional)

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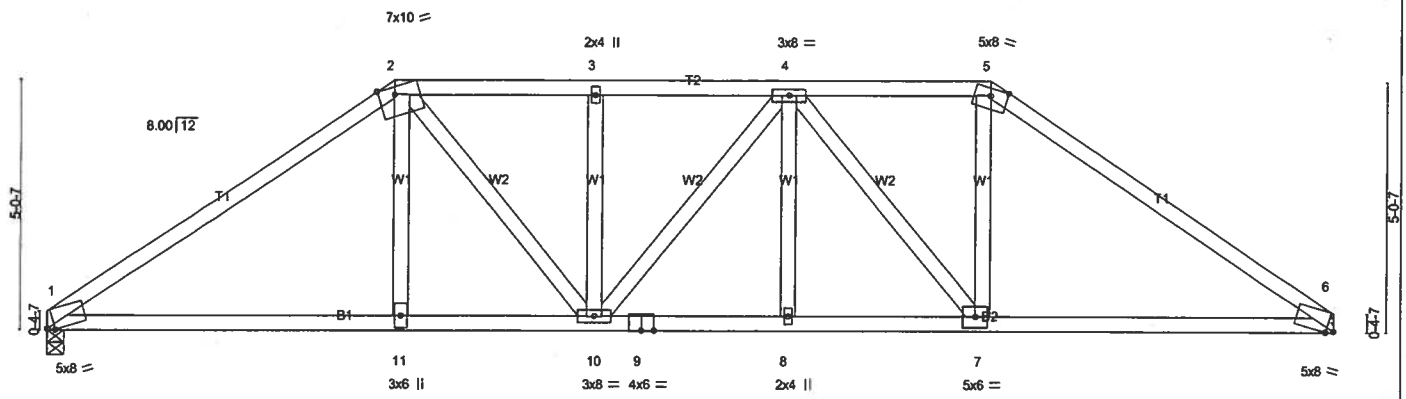
7-0-0	11-0-9	14-11-7	19-0-0	26-0-0
7-0-0	4-0-9	3-10-13	4-0-9	7-0-0

Scale = 1:44.4
Camber = 1/8 in



7-0-0	11-0-9	14-11-7	19-0-0	26-0-0
7-0-0	4-0-9	3-10-13	4-0-9	7-0-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	In	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.68	Vert(LL)	-0.18	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.93	Vert(TL)	-0.30	8-10	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.59	Horz(TL)	0.13	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 134 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 2-9-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-0-10 oc bracing.

REACTIONS (lb/size) 1=2167/0-4-0, 6=2158/Mechanical
Max Horz 1=-164(load case 2)
Max Uplift1=-884(load case 3), 6=-880(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3484/1504, 2-3=-3360/1553, 3-4=-3359/1554, 4-5=-2861/1329, 5-6=-3499/1509
BOT CHORD 1-11=-1319/2791, 10-11=-1327/2816, 9-10=-1549/3364, 8-9=-1549/3364, 7-8=-1549/3364, 6-7=-1165/2816
WEBS 2-11=-273/816, 2-10=-587/950, 3-10=-456/448, 4-10=-37/44, 4-8=0/228, 4-7=-909/574, 5-7=-661/1495

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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 884 lb uplift at joint 1 and 880 lb uplift at joint 6.
6) Girder carries hip end with 7-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 286 lb up at 19-0-0, and 539 lb down and 286 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-5=-113(F=-59), 5-6=-54, 1-11=-30, 7-11=-62(F=-33), 6-7=-30
Concentrated Loads (lb)
Vert: 11=-539(F) 7=-539(F)

JANUARY 24, 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.#0124061441

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T03	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:07 2006 Page 1

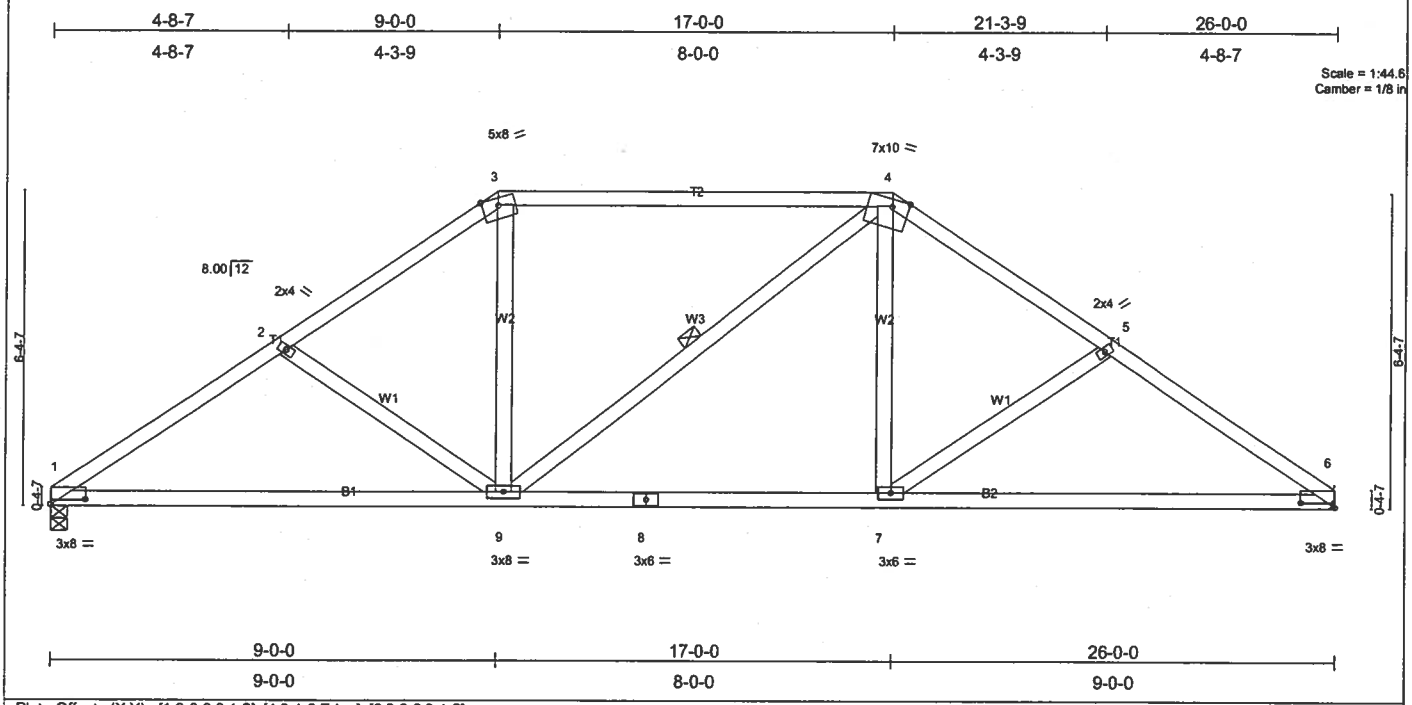


Plate Offsets (X,Y): [1:0-8-3,0-1-2], [4:0-4-0,Edge], [6:0-8-3,0-1-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.19	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.33	6-7	>950	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.12	Horz(TL)	0.05	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 130 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-4-3 oc bracing.
WEBS 1 Row at midpt 4-9

REACTIONS (lb/size) 1=1082/0-4-0, 6=1082/Mechanical
Max Horz 1=211(load case 4)
Max Uplift1=-321(load case 5), 6=-322(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1560/609, 2-3=-1371/563, 3-4=-1107/536, 4-5=-1379/566, 5-6=-1578/616
BOT CHORD 1-9=-446/1250, 8-9=-274/1113, 7-8=-274/1113, 6-7=-431/1274
WEBS 2-9=-184/221, 3-9=-60/368, 4-9=-137/139, 4-7=-83/379, 5-7=-205/229

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 321 lb uplift at joint 1 and 322 lb uplift at joint 6.

LOAD CASE(S) Standard

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

Dwg.#0124061442

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T04	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:09 2006 Page 1

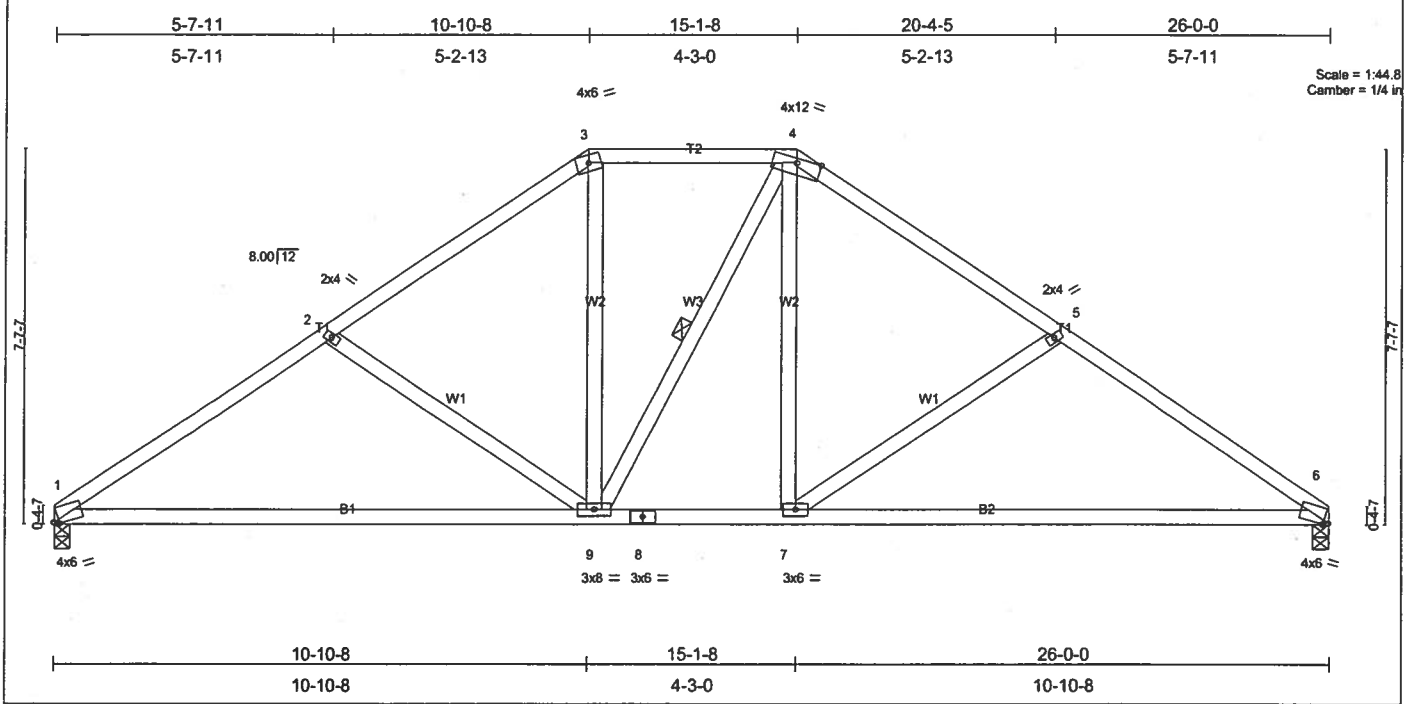

Plate Offsets (X,Y): [1:0-1-5,Edge], [6:0-1-5,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.37	6-7	>844	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.62	6-7	>493	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.24	Horz(TL)	0.05	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 136 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-5-11 oc bracing.
WEBS 1 Row at midpt 4-9

REACTIONS (lb/size) 1=1078/0-4-0, 6=1078/0-4-0
Max Horz 1=254(load case 4)
Max Uplift1=-331(load case 5), 6=-331(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1507/595, 2-3=-1245/520, 3-4=-966/498, 4-5=-1244/520, 5-6=-1507/595
BOT CHORD 1-9=-420/1214, 8-9=-179/965, 7-8=-179/965, 6-7=-401/1214
WEBS 2-9=-310/295, 3-9=-117/401, 4-9=-157/157, 4-7=-129/406, 5-7=-311/296

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 331 lb uplift at joint 1 and 331 lb uplift at joint 6.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061443

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T05	MONO HIP	1	1	Job Reference (optional)

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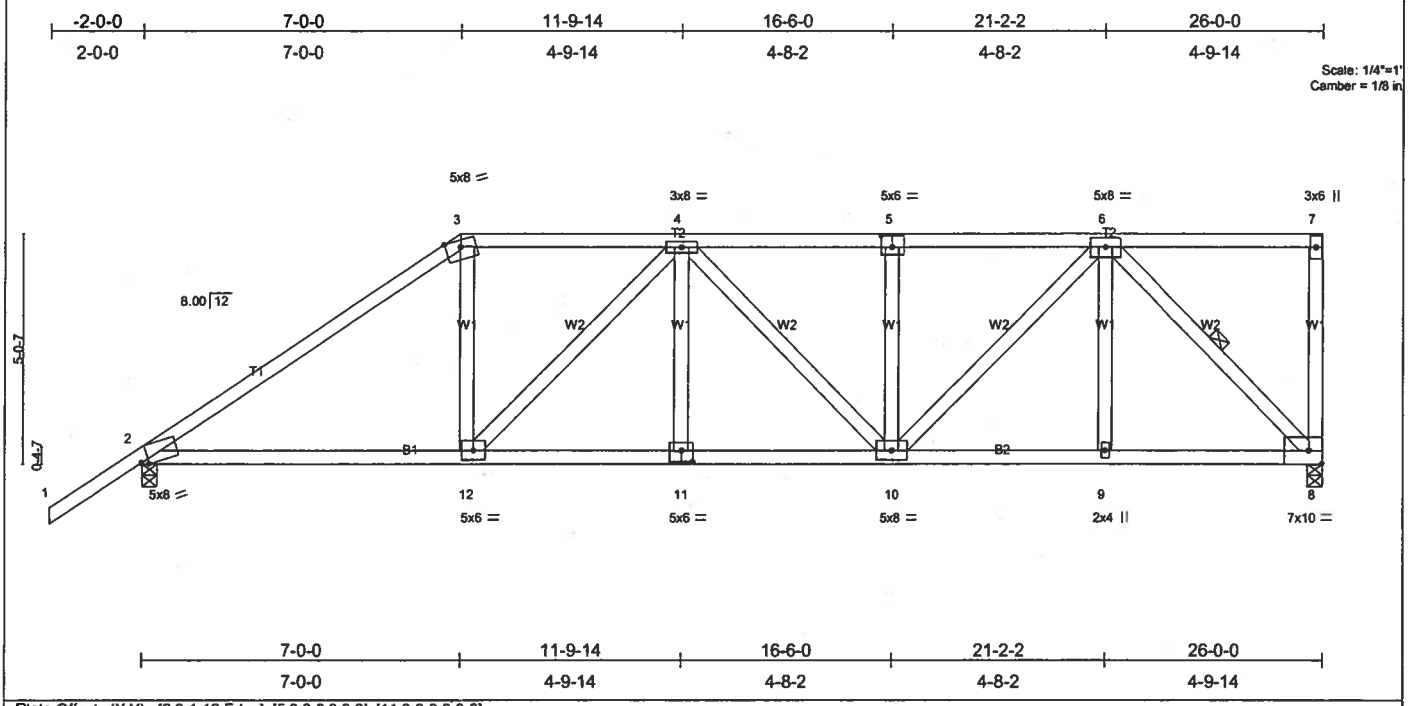

Plate Offsets (X,Y): [2:0-1-13,Edge], [5:0-3-0,0-3-0], [11:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	-0.17	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.27	10-11	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.66	Horz(TL)	0.11	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 3-0-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-1-8 oc bracing.
WEBS 1 Row at midpt 6-8

REACTIONS (lb/size) 8=2305/0-4-0, 2=2220/0-4-0
Max Horz 2=302(load case 4)
Max Uplift8=-1110(load case 2), 2=-962(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-3341/1405, 3-4=-2712/1224, 4-5=-2991/1402, 5-6=-2991/1402, 6-7=-50/24, 7-8=-245/210
BOT CHORD 2-12=-1210/2670, 11-12=-1499/3244, 10-11=-1499/3244, 9-10=-926/1935, 8-9=-926/1935
WEBS 3-12=-598/1356, 4-12=-758/546, 4-11=0/280, 4-10=-361/189, 5-10=-518/443, 6-10=-684/1504, 6-9=0/291, 6-8=-2686/1285

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1110 lb uplift at joint 8 and 962 lb uplift at joint 2.
4) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 286 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-7=-113(F=-59), 2-12=-30, 8-12=-62(F=-33)
Concentrated Loads (lb)
Vert: 12=-539(F)

JANUARY 24, 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.#0124061444

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T06	MONO HIP	1	1	Job Reference (optional)

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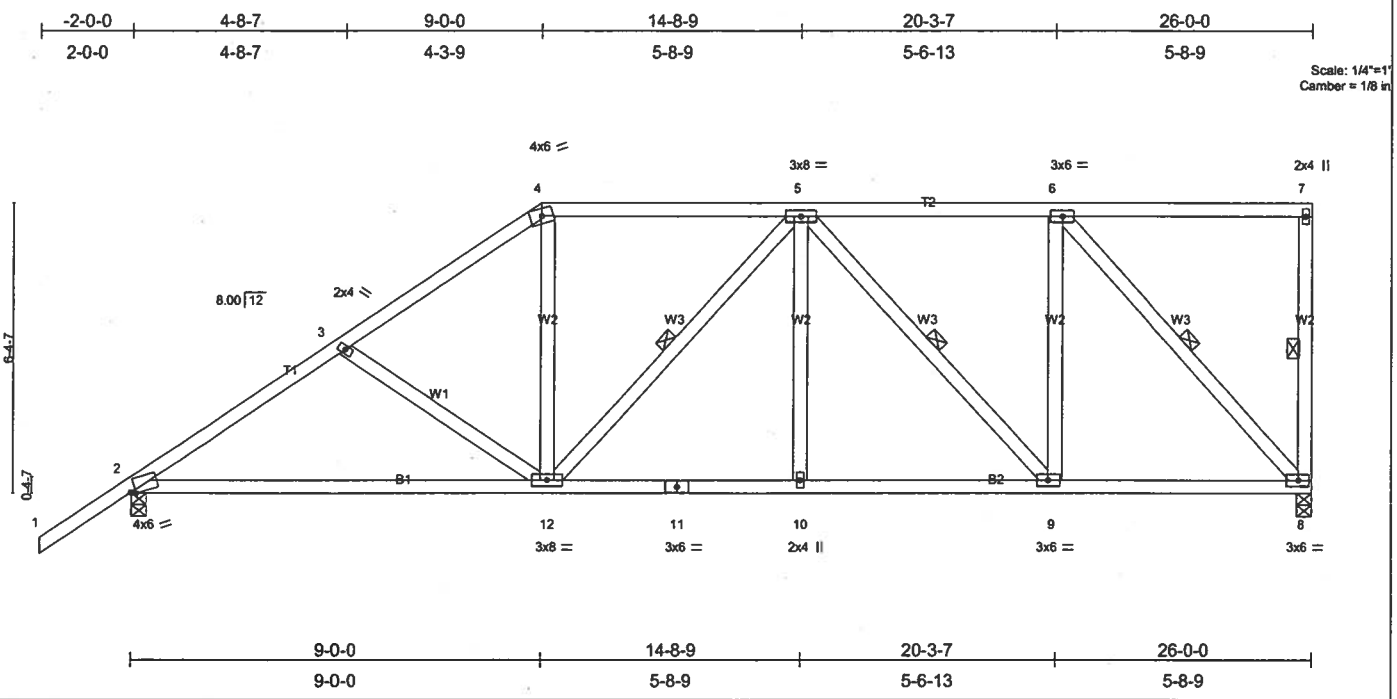

Plate Offsets (X,Y): [2:0-1-5,Edge]

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)	-0.15	2-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.27	2-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.39	Horz(TL)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 161 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-0-7 oc bracing.
WEBS 1 Row at midpt 7-8, 5-12, 5-9, 6-8

REACTIONS (lb/size) 8=1074/0-4-0, 2=1201/0-4-0
Max Horz 2=363(load case 5)
Max Uplift8=-420(load case 3), 2=-426(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1532/522, 3-4=-1338/481, 4-5=-1070/463, 5-6=-808/333, 6-7=-23/11, 7-8=-138/114
BOT CHORD 2-12=-602/1220, 11-12=-486/1141, 10-11=-486/1141, 9-10=-486/1141, 8-9=-333/808
WEBS 3-12=-195/199, 4-12=-62/430, 5-12=-106/212, 5-10=0/139, 5-9=-493/225, 6-9=-122/541, 6-8=-1161/480

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; 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 420 lb uplift at joint 8 and 426 lb uplift at joint 2.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061445

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T07	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:16 2006 Page 1

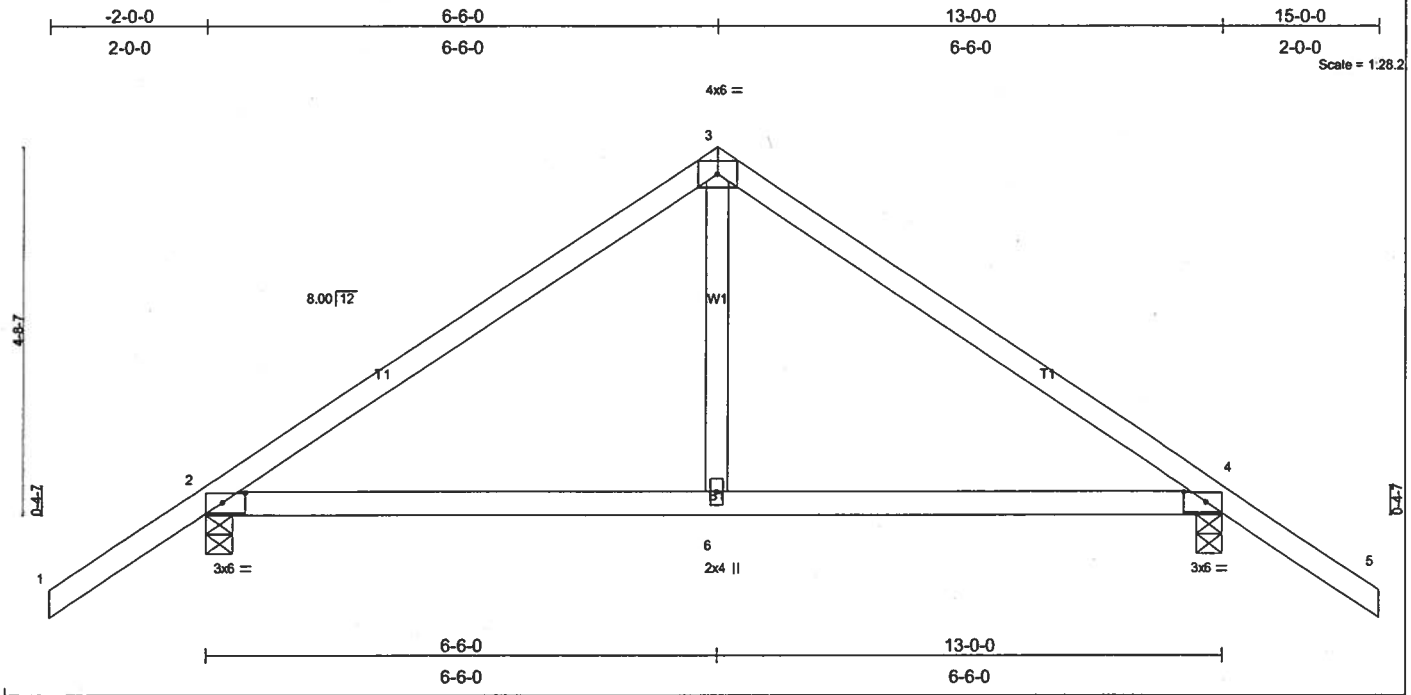

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [4:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.05	2-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.08	2-6	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 56 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=649/0-4-0, 4=649/0-4-0
Max Horz 2=-159(load case 3)
Max Uplift2=-300(load case 5), 4=-300(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-617/180, 3-4=-617/180, 4-5=0/60
BOT CHORD 2-6=-33/435, 4-6=-33/435
WEBS 3-6=0/227

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 300 lb uplift at joint 2 and 300 lb uplift at joint 4.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061446

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T07A	COMMON	2	1	Job Reference (optional)

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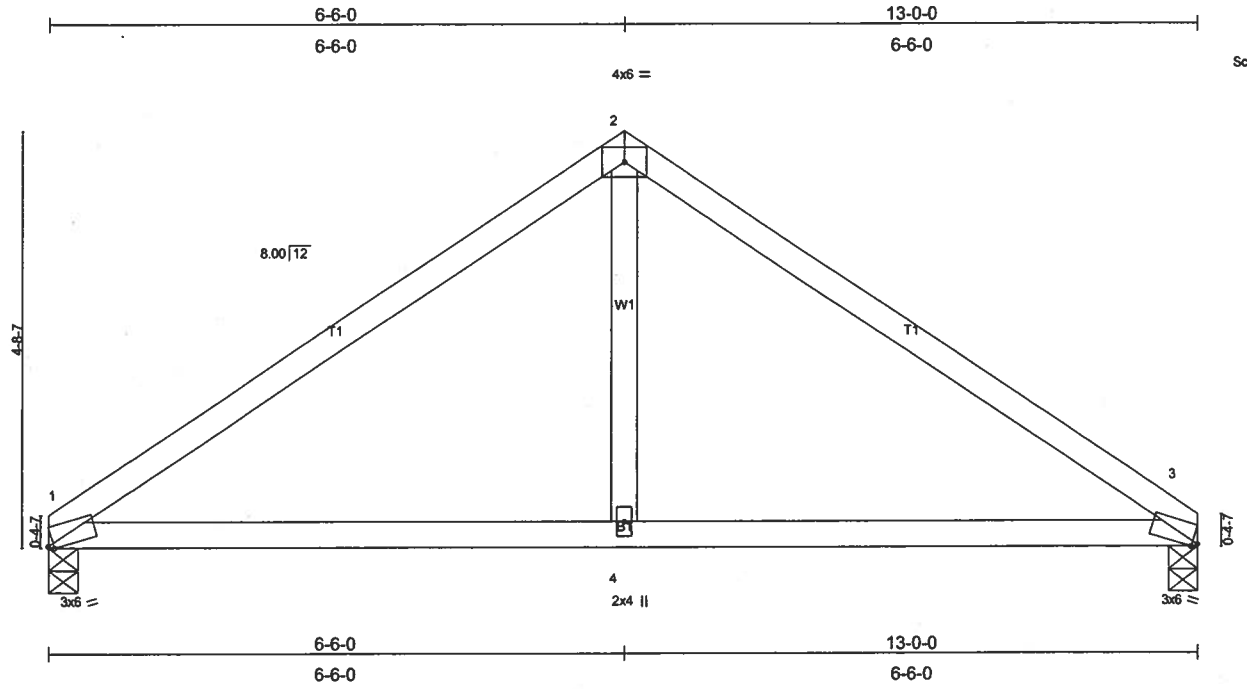

Plate Offsets (X,Y): [1:0-0-12,Edge], [3:0-0-12,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.07	1-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.11	1-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.01	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 49 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=532/0-4-0, 3=532/0-4-0
Max Horz 1=-152(load case 3)
Max Uplift1=-168(load case 5), 3=-168(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-661/249, 2-3=-661/249
BOT CHORD 1-4=-107/478, 3-4=-107/478
WEBS 2-4=-7/260

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 168 lb uplift at joint 1 and 168 lb uplift at joint 3.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061447

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T07G	COMMON	1	1	Job Reference (optional)

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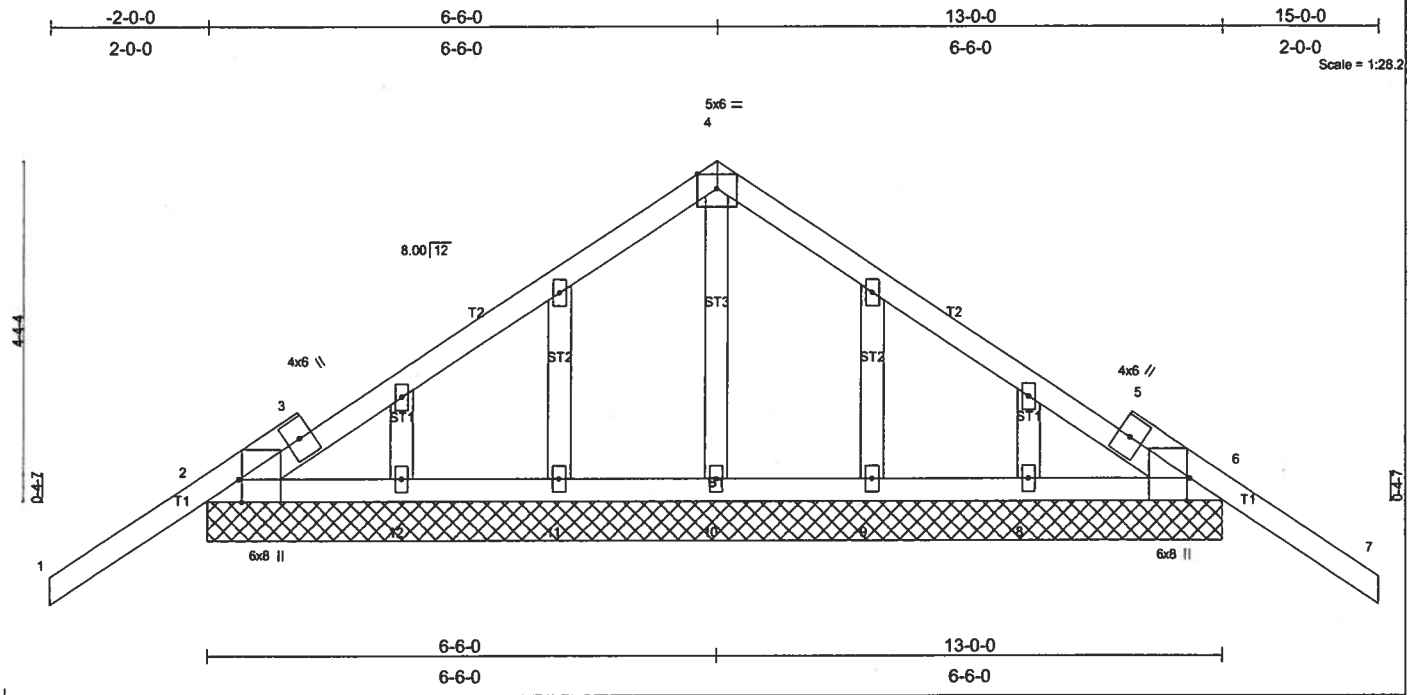

Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	0.04	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.74	Vert(TL)	0.06	7	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 69 lb	

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

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

REACTIONS (lb/size) 2=826/13-0-0, 6=826/13-0-0, 10=106/13-0-0, 11=-32/13-0-0, 12=317/13-0-0, 9=-32/13-0-0, 8=317/13-0-0
Max Horz 2=-147(load case 3)
Max Uplift2=-427(load case 5), 6=-427(load case 6), 10=-10(load case 5), 11=-34(load case 9), 12=-115(load case 5), 9=-34(load case 10), 8=-114(load case 6)
Max Grav 2=826(load case 1), 6=826(load case 1), 10=106(load case 1), 11=57(load case 5), 12=328(load case 9), 9=57(load case 6), 8=328(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-15/123, 2-3=-812/327, 3-4=-668/330, 4-5=-668/330, 5-6=-812/327, 6-7=-15/123
BOT CHORD 2-12=-172/556, 11-12=-172/556, 10-11=-172/556, 9-10=-172/556, 8-9=-172/556, 6-8=-172/556

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 427 lb uplift at joint 2, 427 lb uplift at joint 6, 10 lb uplift at joint 10, 34 lb uplift at joint 11, 115 lb uplift at joint 12, 34 lb uplift at joint 9 and 114 lb uplift at joint 8.
8) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 6.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-114(F=-60), 4-7=-114(F=-60), 2-6=-30

JANUARY 24, 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.#0124061448

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T08	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:22 2006 Page 1

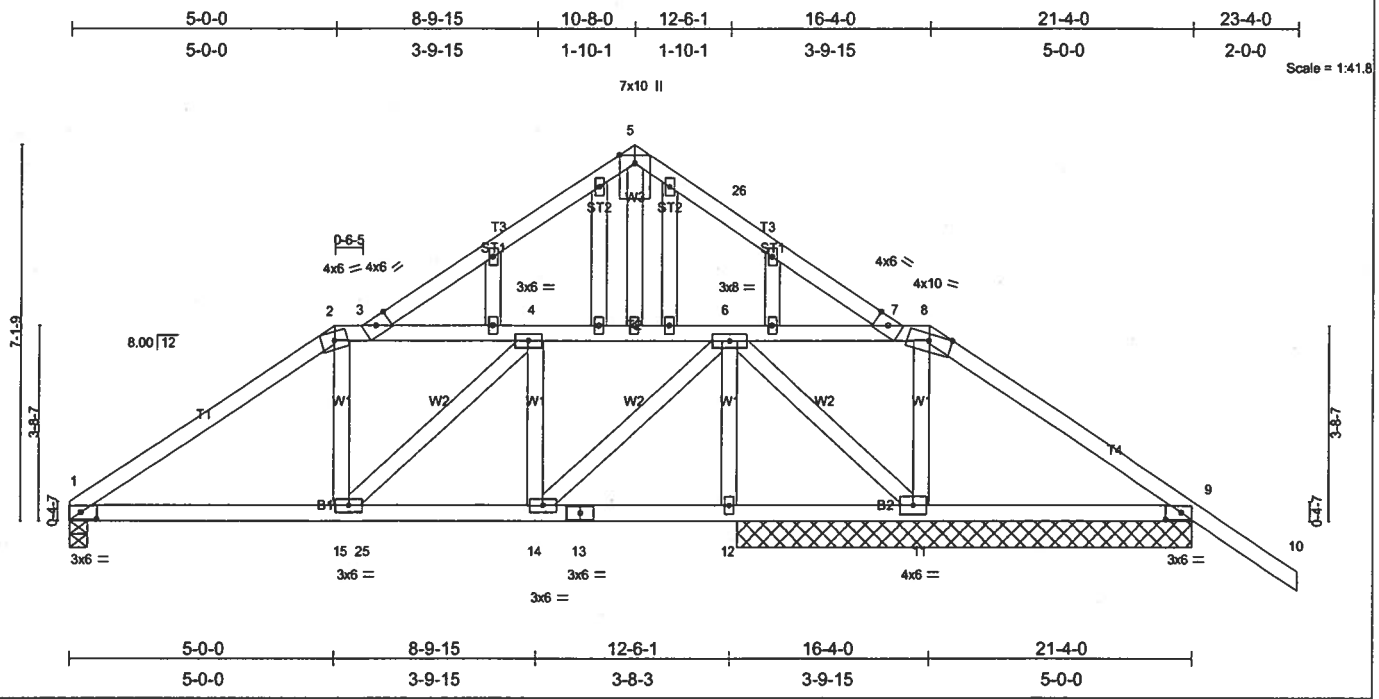

Plate Offsets (X,Y): [1:0-3-9,0-1-8], [9:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.70	Vert(LL)	0.04	1-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.05	1-15	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.37	Horz(TL)	0.02	11	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 *Except*
W3 2 X 4 SYP No.1D
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-1-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 4, 6

REACTIONS (lb/size) 1=860/0-4-0, 11=1872/8-8-0, 9=202/8-8-0
Max Horz 1=-371(load case 2)
Max Uplift1=-606(load case 5), 11=-1124(load case 5), 9=-141(load case 5)
Max Grav 1=860(load case 1), 11=1872(load case 1), 9=229(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1268/934, 2-3=-1023/835, 3-4=-521/519, 4-6=-346/479, 6-7=-413/666, 7-8=-177/161, 8-9=-215/234, 9-10=0/58, 3-5=-759/475, 5-26=-455/364, 7-26=-805/416
BOT CHORD 1-15=-733/1009, 15-25=-663/829, 14-25=-663/829, 13-14=-326/474, 12-13=-326/474, 11-12=-326/474, 9-11=-145/231
WEBS 2-15=-131/108, 4-15=-141/246, 4-14=-234/114, 6-14=-459/489, 6-12=-85/134, 6-11=-850/710, 8-11=-870/596

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 right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 606 lb uplift at joint 1, 1124 lb uplift at joint 11 and 141 lb uplift at joint 9.
8) Girder carries hip end with 5-0-0 right side setback, 12-4-0 left side setback, and 5-0-0 end setback.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 187 lb up at 16-4-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-3=-54, 7-8=-85(F=-32), 8-10=-54, 1-12=-30, 11-12=-47(F=-17), 9-11=-30, 3-5=-114(F=-60), 5-26=-114(F=-60), 7-26=-146(F=-92)
Concentrated Loads (lb)
Vert: 11=-245(F)

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

Dwg.#0124061449

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T09	COMMON	1	1	Job Reference (optional)

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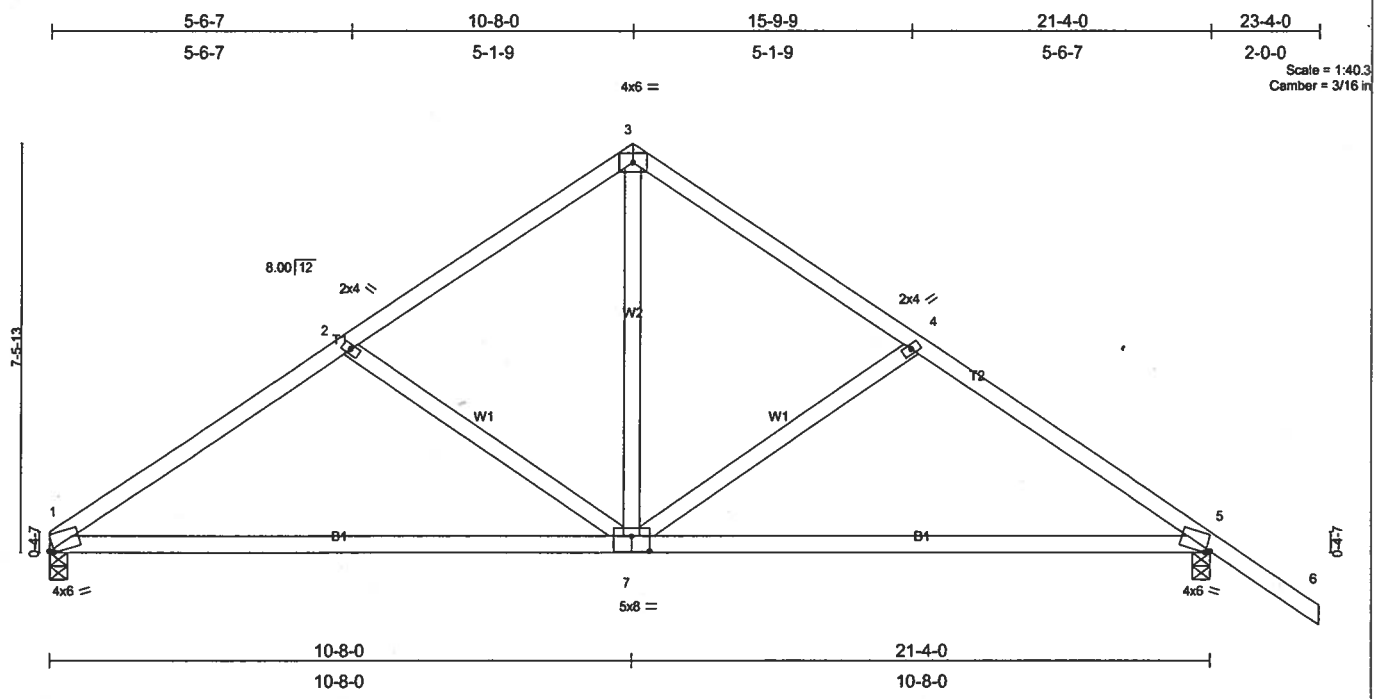

Plate Offsets (X,Y): [1:0-1-1,Edge], [5:0-1-1,Edge], [7:0-4-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.25	1-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.42	1-7	>599	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.22	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 102 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 5-1-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=876/0-4-0, 5=1005/0-4-0
Max Horz 1=-278(load case 3)
Max Uplift1=-276(load case 5), 5=-410(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1176/441, 2-3=-927/373, 3-4=-925/370, 4-5=-1167/427, 5-6=0/60
BOT CHORD 1-7=-305/937, 5-7=-202/920
WEBS 2-7=-307/284, 3-7=-211/672, 4-7=-286/255

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 276 lb uplift at joint 1 and 410 lb uplift at joint 5.

LOAD CASE(S) Standard

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Dwg.#0124061450

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T10	COMMON	2	1	Job Reference (optional)

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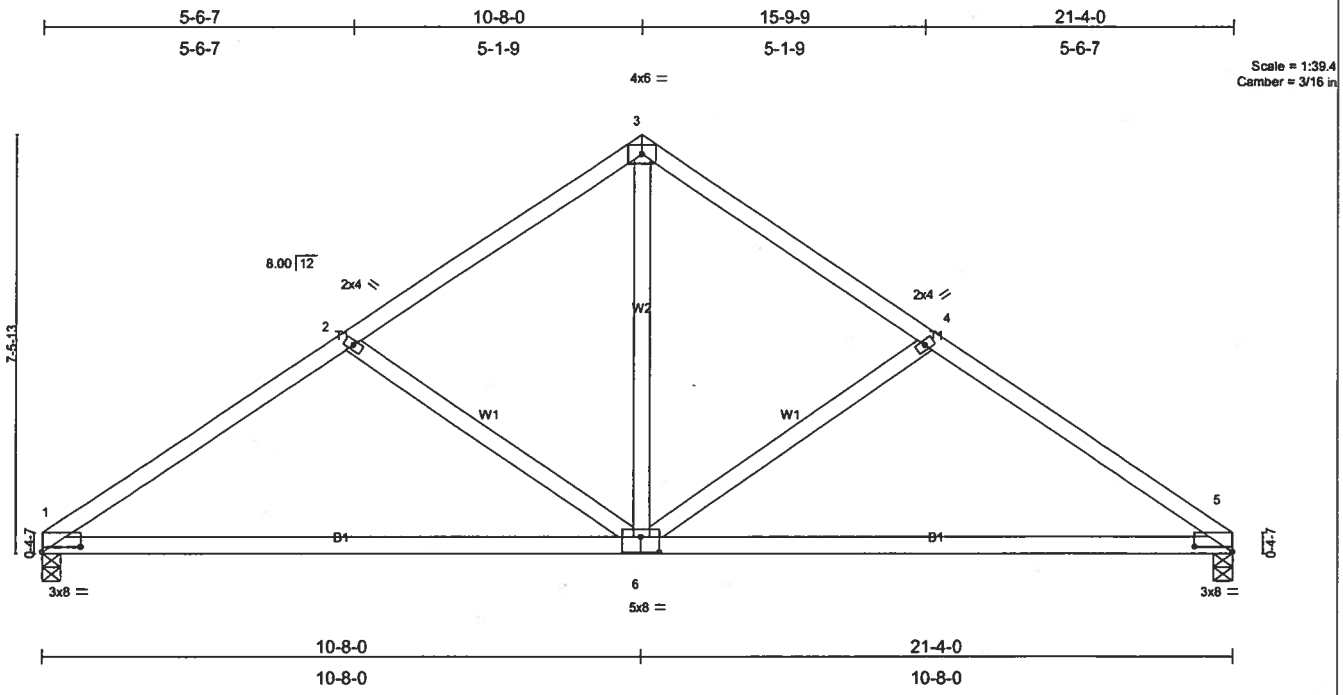

Plate Offsets (X,Y): [1:0-8-3,0-1-2], [5:0-8-3,0-1-2], [6:0-4-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.24	1-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.41	1-6	>618	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.22	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 99 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 5-1-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=882/0-4-0, 5=882/0-4-0
Max Horz 1=-249(load case 3)
Max Uplift1=-279(load case 5), 5=-279(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1188/459, 2-3=-940/392, 3-4=-940/392, 4-5=-1188/459
BOT CHORD 1-6=-343/947, 5-6=-291/947
WEBS 2-6=-307/284, 3-6=-240/691, 4-6=-307/284

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 279 lb uplift at joint 1 and 279 lb uplift at joint 5.

LOAD CASE(S) Standard

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Dwg.#0124061451

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T11	COMMON	1	2	Job Reference (optional)

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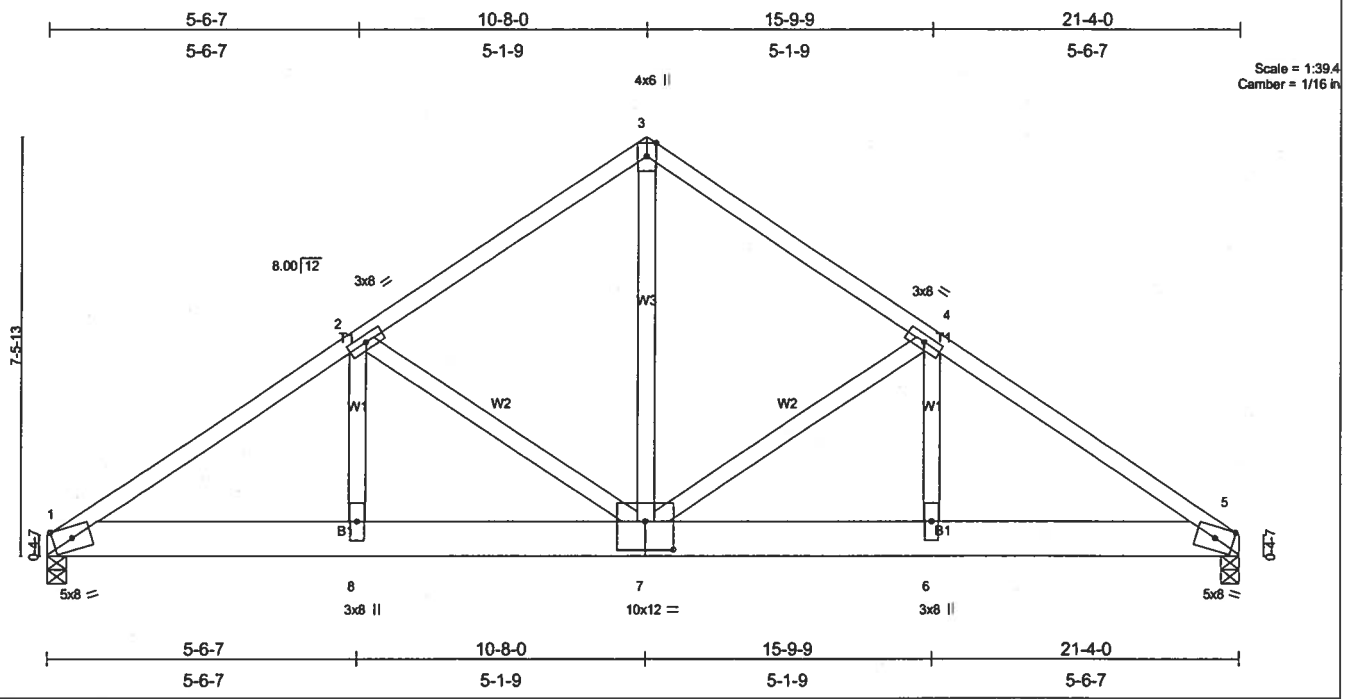

Plate Offsets (X,Y): [7:0-6-0,0-6-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.14	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.22	7-8	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.59	Horz(TL)	0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 282 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
W3 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=6394/0-4-0, 5=6394/0-4-0
Max Horz 1=243(load case 3)
Max Uplift1=-2438(load case 4), 5=-2438(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-8900/3381, 2-3=-6069/2379, 3-4=-6069/2379, 4-5=-8900/3382
BOT CHORD 1-8=-2820/7355, 7-8=-2820/7355, 6-7=-2726/7355, 5-6=-2726/7355
WEBS 2-8=-1077/2954, 2-7=-2897/1239, 3-7=-2448/6348, 4-7=-2897/1240, 4-6=-1078/2954

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2438 lb uplift at joint 1 and 2438 lb uplift at joint 5.
6) Girder carries tie-in span(s): 27-4-0 from 0-0-0 to 21-4-0

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 1-5=-555(F=-525)

JANUARY 24, 2006 TRUSS DESIGN ENGINEER:
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Dwg.#0124061452

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T12	COMMON	1	1	Job Reference (optional)

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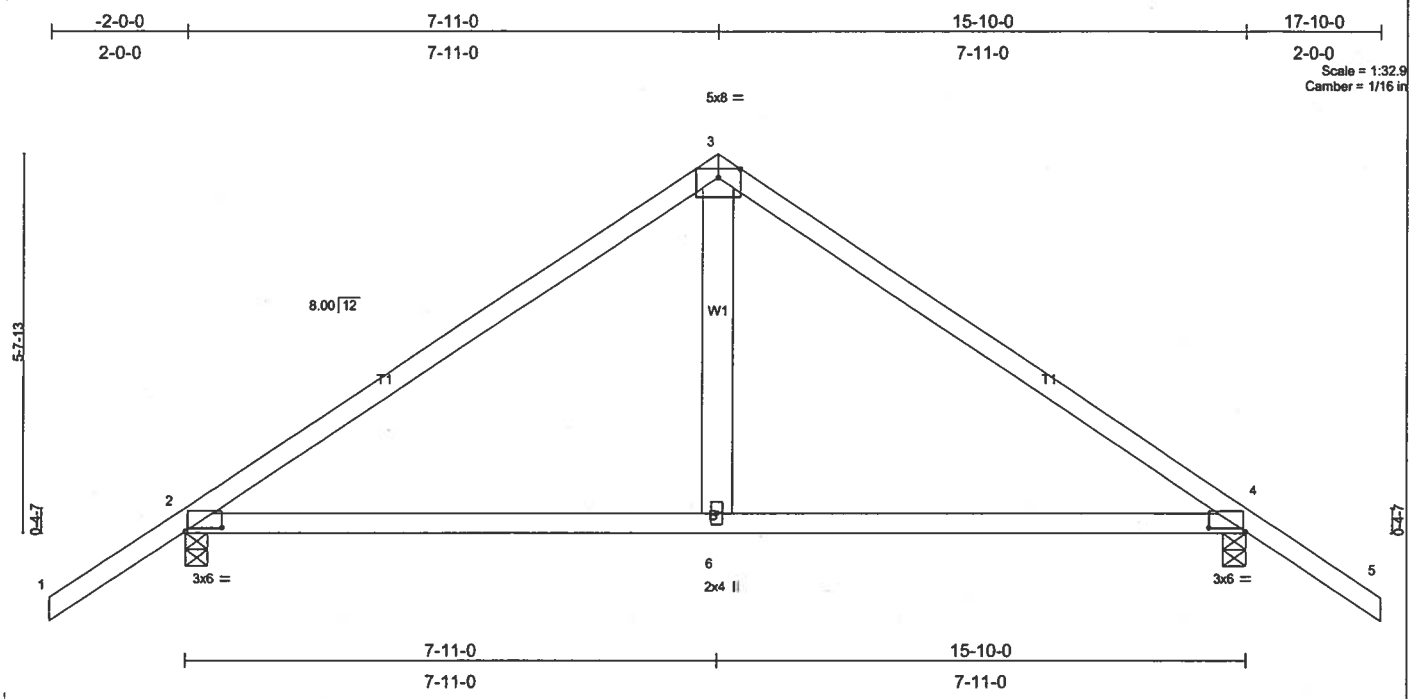

Plate Offsets (X,Y): [2:0-6-7,0-0-10], [4:0-6-7,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.12	2-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.19	2-6	>992	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 71 lb	

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

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=768/0-4-0, 4=768/0-4-0
Max Horz 2=-192(load case 3)
Max Uplift2=-335(load case 5), 4=-335(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-777/239, 3-4=-777/239, 4-5=0/60
BOT CHORD 2-6=-66/554, 4-6=-66/554
WEBS 3-6=0/293

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 335 lb uplift at joint 2 and 335 lb uplift at joint 4.

LOAD CASE(S) Standard

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Dwg.#0124061453

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T12A	COMMON	2	1	Job Reference (optional)

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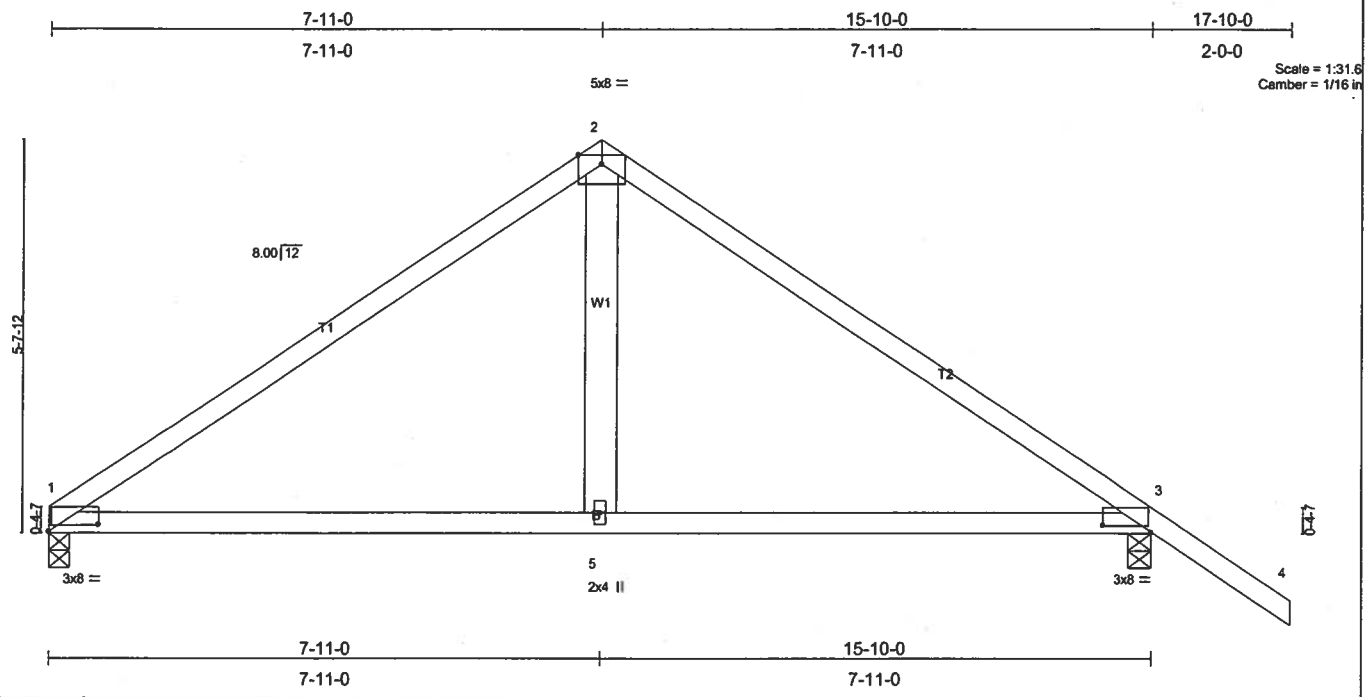

Plate Offsets (X,Y): [1:0-8-7,0-1-2], [3:0-8-7,0-1-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.16	1-5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.24	1-5	>784	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.01	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 68 lb	

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

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=644/0-3-8, 3=777/0-4-0
Max Horz 1=-215(load case 3)
Max Uplift1=-202(load case 5), 3=-340(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-795/264, 2-3=-799/271, 3-4=0/60
BOT CHORD 1-5=-92/574, 3-5=-92/574
WEBS 2-5=0/306

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 202 lb uplift at joint 1 and 340 lb uplift at joint 3.

LOAD CASE(S) Standard

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

Dwg.#0124061454

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T12B	COMMON	1	2	Job Reference (optional)

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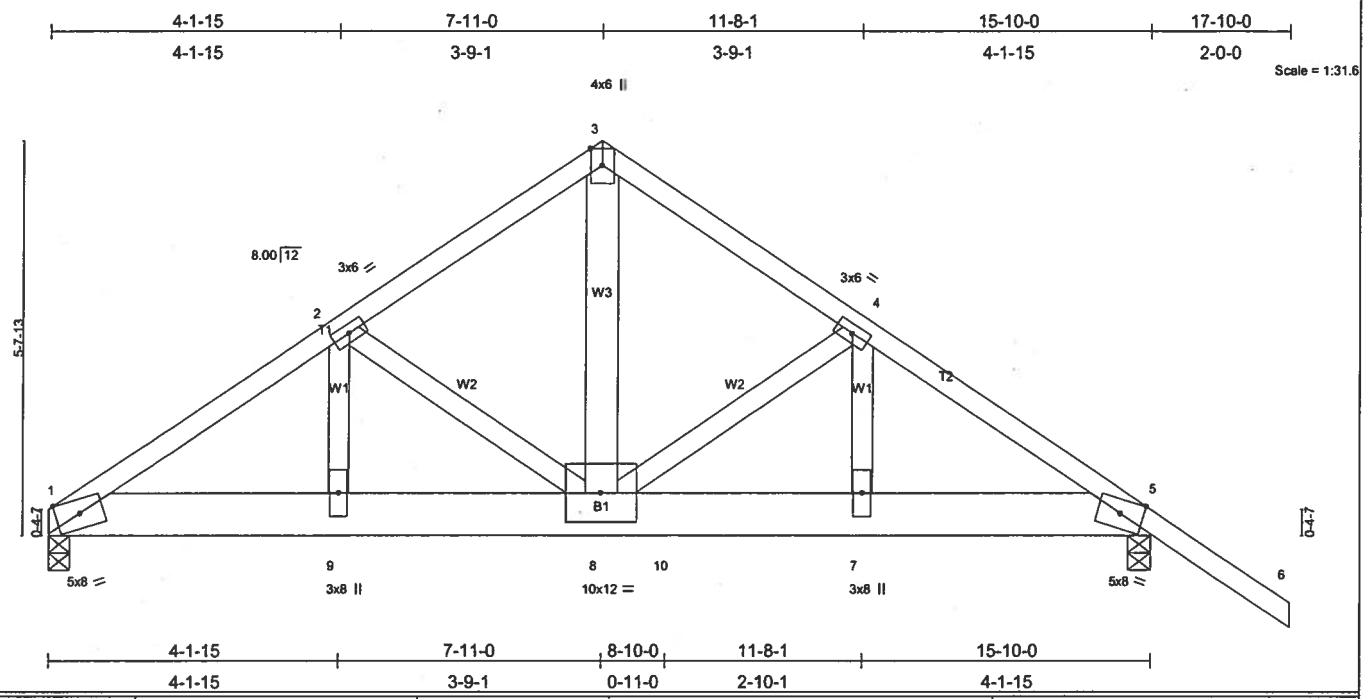

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.07	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.12	8-9	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.39	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 222 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
W3 2 X 6 SYP No.1D

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=5548/0-3-8, 5=3404/0-4-0
Max Horz 1=-213(load case 2)
Max Uplift1=-2108(load case 4), 5=-1351(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-7392/2792, 2-3=-5124/1963, 3-4=-5112/1977, 4-5=-5504/2019, 5-6=0/65
BOT CHORD 1-9=-2294/6122, 8-9=-2294/6122, 8-10=-1588/4519, 7-10=-1588/4519, 5-7=-1588/4519
WEBS 2-9=-959/2405, 2-8=-2340/998, 3-8=-2049/5387, 4-8=-374/174, 4-7=-23/273

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2108 lb uplift at joint 1 and 1351 lb uplift at joint 5.
6) Girder carries tie-in span(s): 33-9-0 from 0-0-0 to 7-10-0
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2397 lb down and 905 lb up at 8-10-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-6=-54, 1-8=-691(F=-661), 5-8=-30
Concentrated Loads (lb)
Vert: 10=-2397(F)

JANUARY 24, 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.#0124061455

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T12G	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:37 2006 Page 1

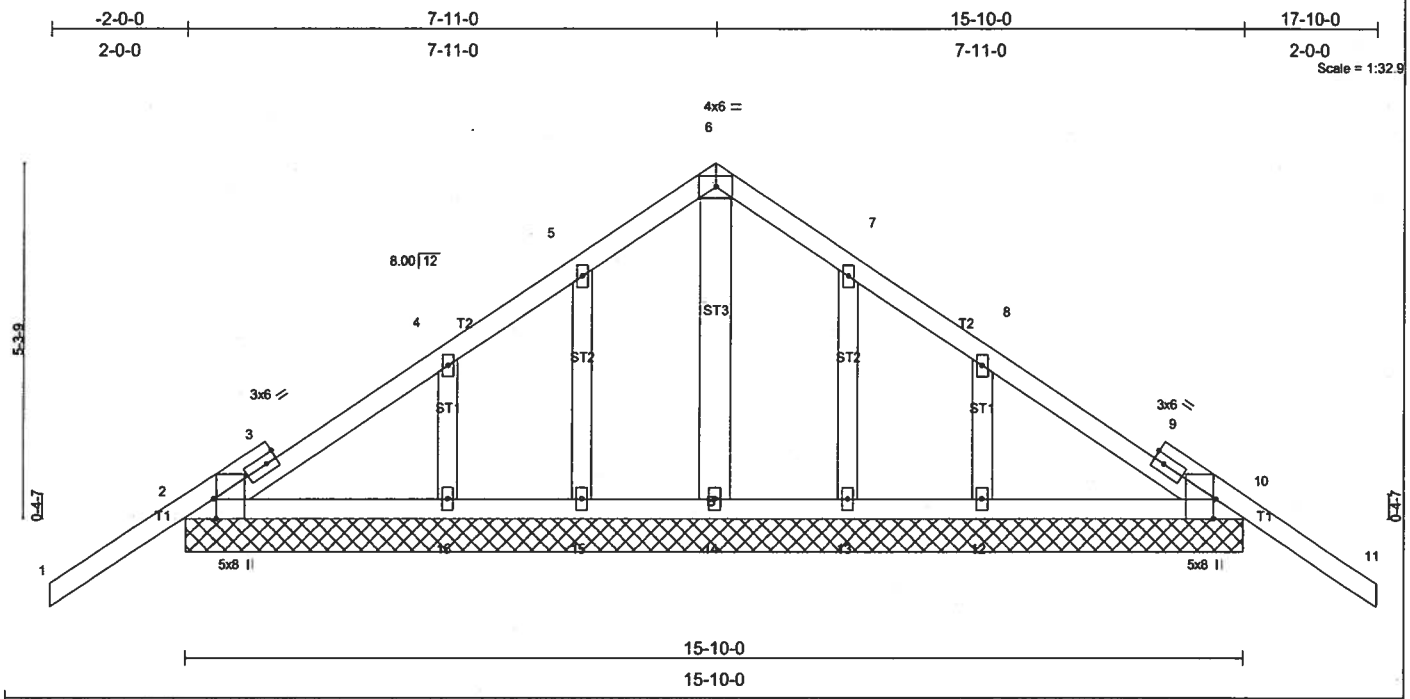

Plate Offsets (X,Y): [2:0-3-8,Edge], [10:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.03	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.05	11	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.07	Horz(TL)	0.00	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 90 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
OTHERS 2 X 4 SYP No.3 *Except*
ST3 2 X 6 SYP No.1D

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

REACTIONS (lb/size) 2=500/15-10-0, 10=500/15-10-0, 14=399/15-10-0, 15=224/15-10-0, 16=444/15-10-0, 13=224/15-10-0, 12=444/15-10-0
Max Horz 2=-180(load case 3)
Max Uplift2=-270(load case 5), 10=-291(load case 6), 15=-142(load case 5), 16=-170(load case 5), 13=-139(load case 6), 12=-176(load case 6)
Max Grav 2=505(load case 9), 10=505(load case 10), 14=399(load case 1), 15=229(load case 9), 16=444(load case 9), 13=229(load case 10), 12=444(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-15/123, 2-3=-106/121, 3-4=-107/178, 4-5=-41/119, 5-6=0/169, 6-7=0/169, 7-8=-17/119, 8-9=-42/178, 9-10=-44/56, 10-11=-15/123
BOT CHORD 2-16=-61/167, 15-16=-61/167, 14-15=-61/167, 13-14=-61/167, 12-13=-61/167, 10-12=-61/167
WEBS 6-14=-328/14, 5-15=-192/147, 4-16=-334/198, 7-13=-192/144, 8-12=-334/203

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 270 lb uplift at joint 2, 291 lb uplift at joint 10, 142 lb uplift at joint 15, 170 lb uplift at joint 16, 139 lb uplift at joint 13 and 176 lb uplift at joint 12.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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

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

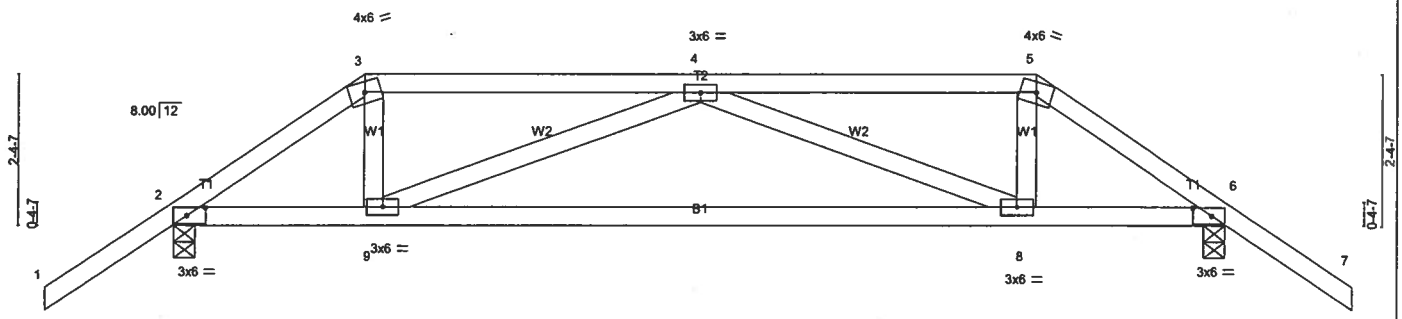
Dwg.#0124061456

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T13	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:39 2006 Page 1

-2-0-0	3-0-0	8-3-0	13-6-0	16-6-0	18-6-0
2-0-0	3-0-0	5-3-0	5-3-0	3-0-0	2-0-0

Scale = 1:34.5
Camber = 3/16 in



3-0-0	13-6-0	16-6-0
3-0-0	10-6-0	3-0-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	0.34	8-9	>575	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	-0.43	8-9	>450	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.25	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 80 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-7-15 oc bracing.

REACTIONS (lb/size) 2=895/0-4-0, 6=895/0-4-0
Max Horz 2=-79(load case 5)
Max Uplift2=-590(load case 3), 6=-590(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1264/938, 3-4=-1015/815, 4-5=-1015/815, 5-6=-1264/938, 6-7=0/60
BOT CHORD 2-9=-772/979, 8-9=-1127/1421, 6-8=-703/979
WEBS 3-9=-410/526, 4-9=-450/427, 4-8=-450/427, 5-8=-410/526

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 590 lb uplift at joint 2 and 590 lb uplift at joint 6.
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 48 lb up at 13-6-0, and 63 lb down and 48 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, 3-5=-58(F=-5), 5-7=-54, 2-9=-30, 8-9=-33(F=-2), 6-8=-30
Concentrated Loads (lb)
Vert: 9=-63(F) 8=-63(F)

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

Dwg.#0124061457

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T14	HIP	1	1	Job Reference (optional)

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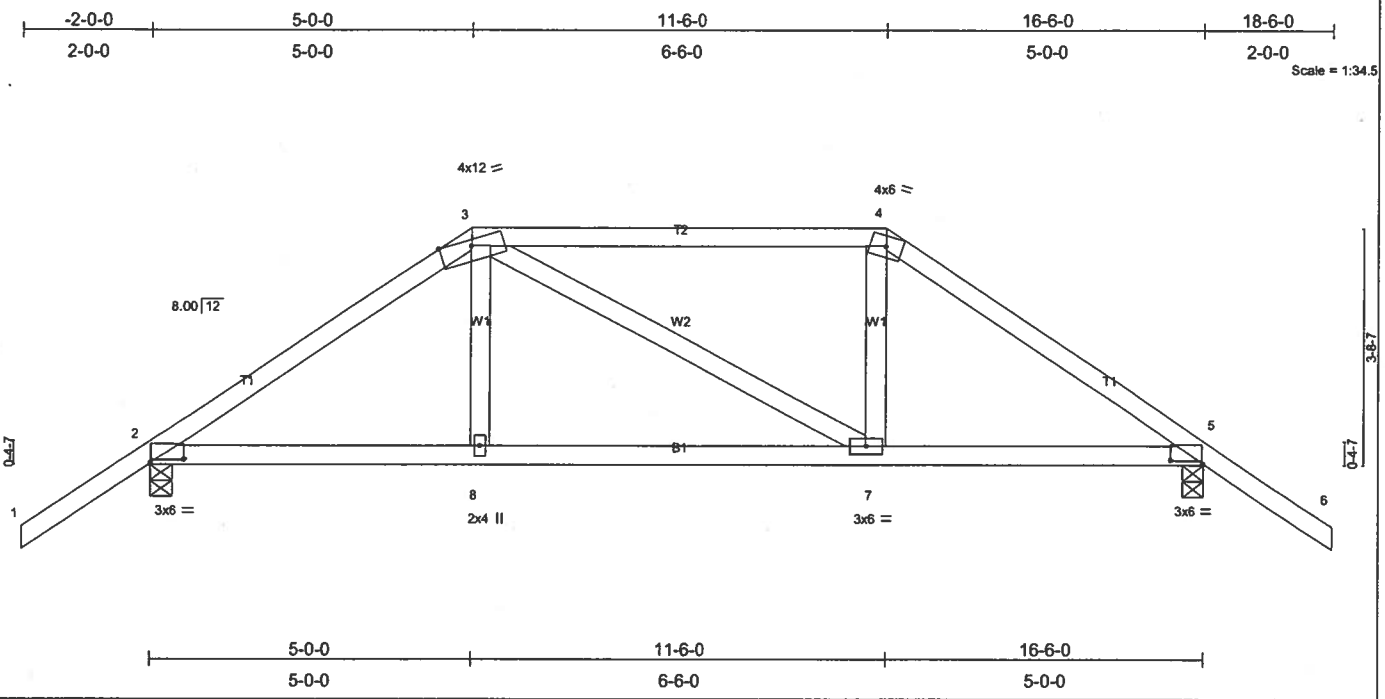

Plate Offsets (X,Y): [2:0-6-3,0-0-10], [5:0-6-3,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	0.11	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	0.09	7-8	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.09	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 79 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
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 7-10-5 oc bracing.

REACTIONS (lb/size) 2=796/0-4-0, 5=796/0-4-0
Max Horz 2=125(load case 4)
Max Uplift2=-528(load case 5), 5=-528(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-929/929, 3-4=-714/841, 4-5=-929/929, 5-6=0/60
BOT CHORD 2-8=-593/706, 7-8=-606/714, 5-7=-593/707
WEBS 3-8=-309/173, 3-7=-106/106, 4-7=-309/203

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 Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 528 lb uplift at joint 2 and 528 lb uplift at joint 5.

LOAD CASE(S) Standard

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

Dwg.#0124061458

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T15	SPECIAL	1	2	Job Reference (optional)

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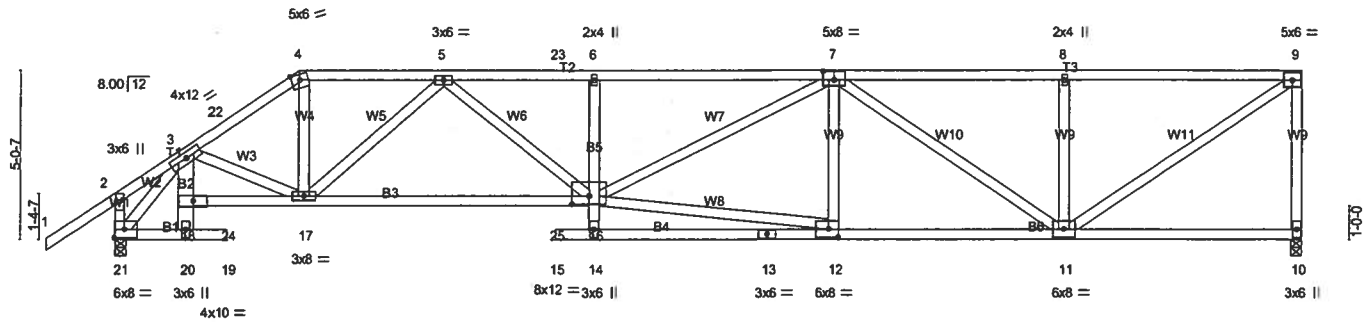
-2-0-0 | 2-4-0 | 5-6-0 | 9-10-0 | 14-2-0 | 21-5-15 | 28-4-1 | 35-6-0

2-0-0 | 2-4-0 | 3-2-0 | 4-4-0 | 4-4-0 | 7-3-15 | 6-10-2 | 7-1-15

Scale = 1:65.8
Camber = 1/4 in



2-4-0 | 3-4-0 | 5-6-0 | 13-2-0 | 14-2-0 | 21-5-15 | 28-4-1 | 35-6-0

2-4-0 | 1-0-0 | 2-2-0 | 7-8-0 | 1-0-0 | 7-3-15 | 6-10-2 | 7-1-15

Plate Offsets (X,Y): [7:0-4-0,0-3-0], [12:0-3-8,0-3-0], [16:0-6-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.77	Vert(LL)	-0.39	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.88	Vert(TL)	-0.62	16-17	>677	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.85	Horz(TL)	0.21	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 446 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 6 SYP No.1D, B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-7-7 oc bracing.

REACTIONS (lb/size) 10=3101/0-4-0, 21=3285/0-4-0
Max Horz 21=324(load case 5)
Max Uplift10=-1829(load case 3), 21=-1385(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-536/294, 3-22=-4827/2337, 4-22=-4653/2346, 4-5=-4030/2066, 5-23=-7245/3888, 6-23=-7245/3888, 6-7=-7164/3897, 7-8=-3820/2226, 8-9=-3820/2226, 9-10=-2880/1851, 2-21=-745/487
BOT CHORD 20-21=-1234/2288, 19-20=0/0, 18-20=-96/241, 3-18=-38/143, 18-24=-2056/3793, 17-24=-2056/3793, 17-25=-3018/5779, 16-25=-3018/5779, 14-16=0/320, 6-16=-668/677, 14-15=0/0, 13-14=-160/397, 12-13=-160/397, 11-12=-3221/5658, 10-11=-77/123
WEBS 3-17=-218/162, 4-17=-1056/2202, 5-17=-2347/1440, 5-16=-1134/1910, 12-16=-3090/5312, 7-16=-798/1698, 7-12=-323/529, 7-11=-2237/1211, 8-11=-791/873, 9-11=-2595/4464, 3-21=-3305/1484

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-02; 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; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
4) Provide adequate drainage to prevent water ponding.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1829 lb uplift at joint 10 and 1385 lb uplift at joint 21.
6) Girder carries tie-in span(s): 4-3-14 from 3-4-0 to 13-2-0; 4-5-14 from 3-4-0 to 13-2-0
7) Girder carries hip end with 0-0-0 right side setback, 13-2-0 left side setback, and 7-0-0 end setback.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-22=-112(F=-59), 4-22=-96(F=-42), 4-23=-96(F=-42), 9-23=-113(F=-58), 20-21=-62(F=-33), 19-20=-62(F=-33), 18-24=-62(F=-33), 24-25=-75(F=-45), 16-25=-62(F=-33), 14-15=-62(F=-33), 10-14=-62(F=-33)

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

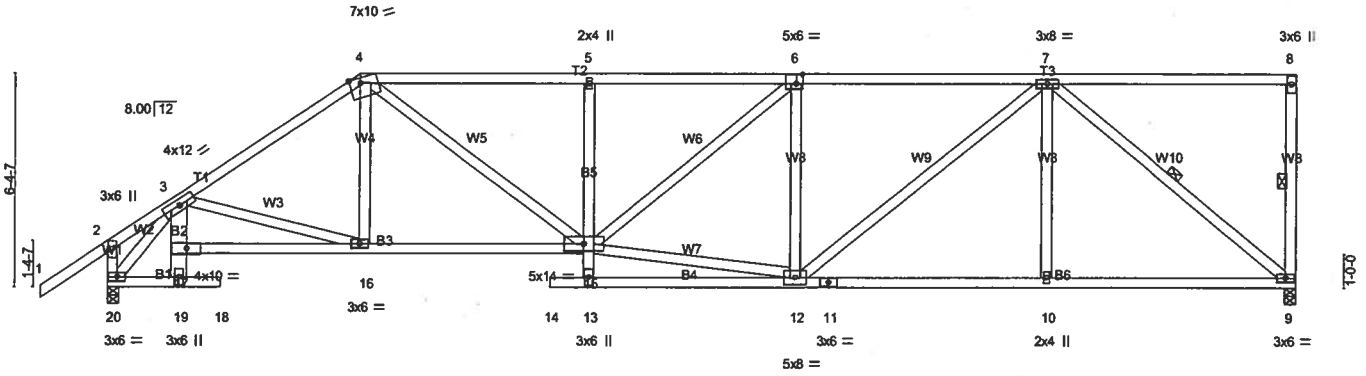
Dwg.#0124061459

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T16	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:46 2006 Page 1

-2-0-0	2-4-0	7-6-0	13-2-0	20-5-15	28-0-1	35-6-0
2-0-0	2-4-0	5-2-0	5-8-0	7-3-15	7-6-2	7-5-15

Scale = 1:65.8
Camber = 1/8 in



2-4-0	3-4-0	7-6-0	13-2-0	14-2-0	20-5-15	28-0-1	35-6-0
2-4-0	1-0-0	4-2-0	5-8-0	1-0-0	6-3-15	7-6-2	7-5-15

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.21	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.70	Vert(TL)	-0.34	15-16	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.81	Horz(TL)	0.17	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 234 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 6 SYP No.1D, B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 9=1491/0-4-0, 20=1653/0-4-0
Max Horz 20=346(load case 5)
Max Uplift9=-651(load case 3), 20=-492(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-215/127, 3-4=-2217/848, 4-5=-2564/1037, 5-6=-2535/1028, 6-7=-2171/891, 7-8=-43/20, 8-9=-181/149, 2-20=-406/301
BOT CHORD 19-20=-561/1082, 18-19=0/0, 17-19=-40/122, 3-17=-13/174, 16-17=-985/1926, 15-16=-778/1792, 13-15=0/130, 5-15=-338/309, 13-14=0/0, 12-13=-93/172, 11-12=-643/1498, 10-11=-643/1498, 9-10=-643/1498
WEBS 3-16=-249/283, 4-16=-47/268, 4-15=-545/962, 12-15=-808/2024, 6-15=-205/473, 6-12=-670/394, 7-12=-351/865, 7-10=0/233, 7-9=-1889/809, 3-20=-1630/517

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; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 651 lb uplift at joint 9 and 492 lb uplift at joint 20.

LOAD CASE(S) Standard

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

Dwg.#0124061460

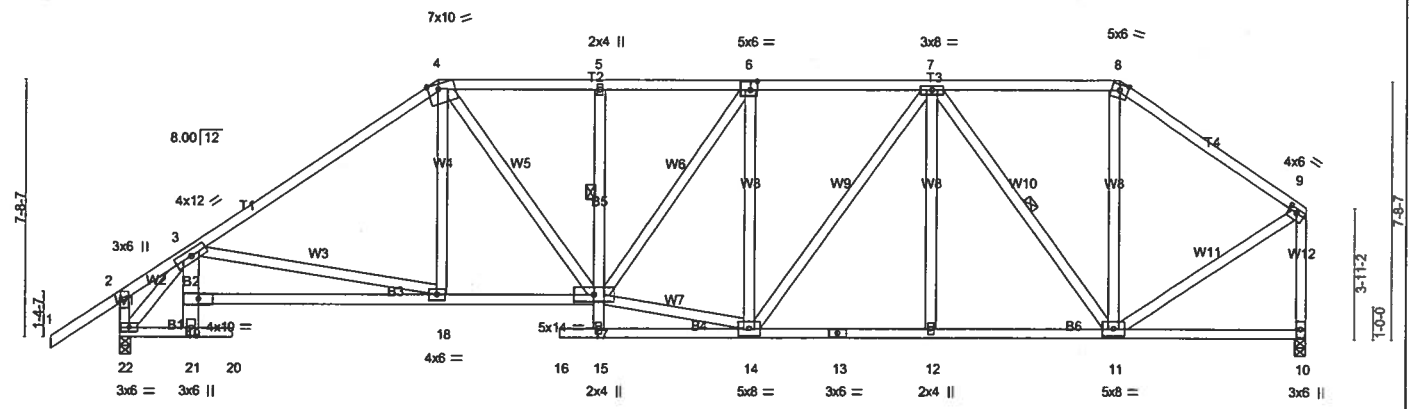
Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T17	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:48 2006 Page 1

-2-0-0 | 2-4-0 | 9-6-0 | 14-2-0 | 18-10-0 | 24-3-5 | 29-10-0 | 35-6-0

2-0-0 | 2-4-0 | 7-2-0 | 4-8-0 | 4-8-0 | 5-5-5 | 5-6-11 | 5-8-0

Scale = 1:65.8
Camber = 1/8 in



2-4-0 | 3-4-0 | 9-6-0 | 13-2-0 | 14-2-0 | 18-10-0 | 24-3-5 | 29-10-0 | 35-6-0

2-4-0 | 1-0-0 | 6-2-0 | 3-8-0 | 1-0-0 | 4-8-0 | 5-5-5 | 5-6-11 | 5-8-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.70	Vert(LL)	-0.16	18-19	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.27	18-19	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.55	Horz(TL)	0.16	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 259 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 6 SYP No.1D, B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-3-14 oc bracing. Except:
1 Row at midpt 5-17
WEBS 1 Row at midpt 7-11

REACTIONS (lb/size) 22=1653/0-4-0, 10=1491/0-4-0
Max Horz 22=289(load case 5)
Max Uplift22=-521(load case 5), 10=-485(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-207/115, 3-4=-2116/803, 4-5=-1998/866, 5-6=-1992/866, 6-7=-1800/805, 7-8=-988/497, 8-9=-1258/508, 2-22=-396/276, 9-10=-1406/567
BOT CHORD 21-22=-545/1088, 20-21=0/0, 19-21=-26/124, 3-19=0/226, 18-19=-971/2097, 17-18=-720/1673, 15-17=0/109, 5-17=-239/235, 15-16=0/0, 14-15=-61/138, 13-14=-647/1560, 12-13=-647/1560, 11-12=-647/1560, 10-11=-32/47
WEBS 3-18=-442/411, 4-18=-51/318, 4-17=-419/644, 14-17=-721/1702, 6-17=-156/345, 6-14=-558/354, 7-14=-199/422, 7-12=0/165, 7-11=-1010/505, 8-11=-138/412, 3-22=-1645/541, 9-11=-433/1115

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 Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 521 lb uplift at joint 22 and 485 lb uplift at joint 10.

LOAD CASE(S) Standard

JANUARY 24, 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

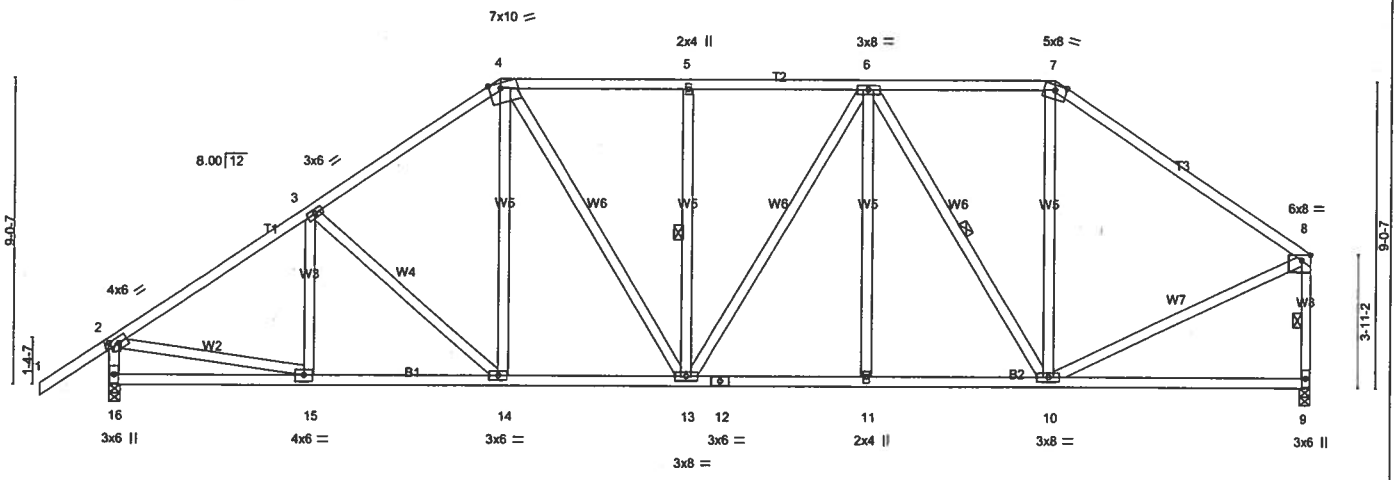
Dwg.#0124061461

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T18	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:50 2006 Page 1

-2-0-0	5-10-12	11-6-0	16-11-15	22-4-1	27-10-0	35-6-0
2-0-0	5-10-12	5-7-4	5-5-15	5-4-3	5-5-15	7-8-0

Scale = 1:64.8



5-10-12	11-6-0	16-11-15	22-4-1	27-10-0	35-6-0
5-10-12	5-7-4	5-5-15	5-4-3	5-5-15	7-8-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.74	Vert(LL)	-0.10	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.16	11-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.05	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 254 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-0-8 oc bracing.
WEBS 1 Row at midpt 5-13, 6-10, 8-9

REACTIONS (lb/size) 16=1598/0-4-0, 9=1475/0-4-0
Max Horz 16=319(load case 4)
Max Uplift16=-547(load case 5), 9=-405(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-1829/676, 3-4=-1665/722, 4-5=-1501/737, 5-6=-1501/737, 6-7=-1050/562, 7-8=-1367/558, 2-16=-1506/673, 8-9=-1356/567
BOT CHORD 15-16=-330/222, 14-15=-623/1446, 13-14=-555/1320, 12-13=-550/1400, 11-12=-550/1400, 10-11=-550/1400, 9-10=-63/96
WEBS 3-15=-97/117, 3-14=-179/216, 4-14=-110/287, 4-13=-325/438, 5-13=-307/272, 6-13=-127/222, 6-11=0/146, 6-10=-743/421, 7-10=-148/419, 2-15=-399/1335, 8-10=-394/1052

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 Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 547 lb uplift at joint 16 and 405 lb uplift at joint 9.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061462

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T19	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:53 2006 Page 1

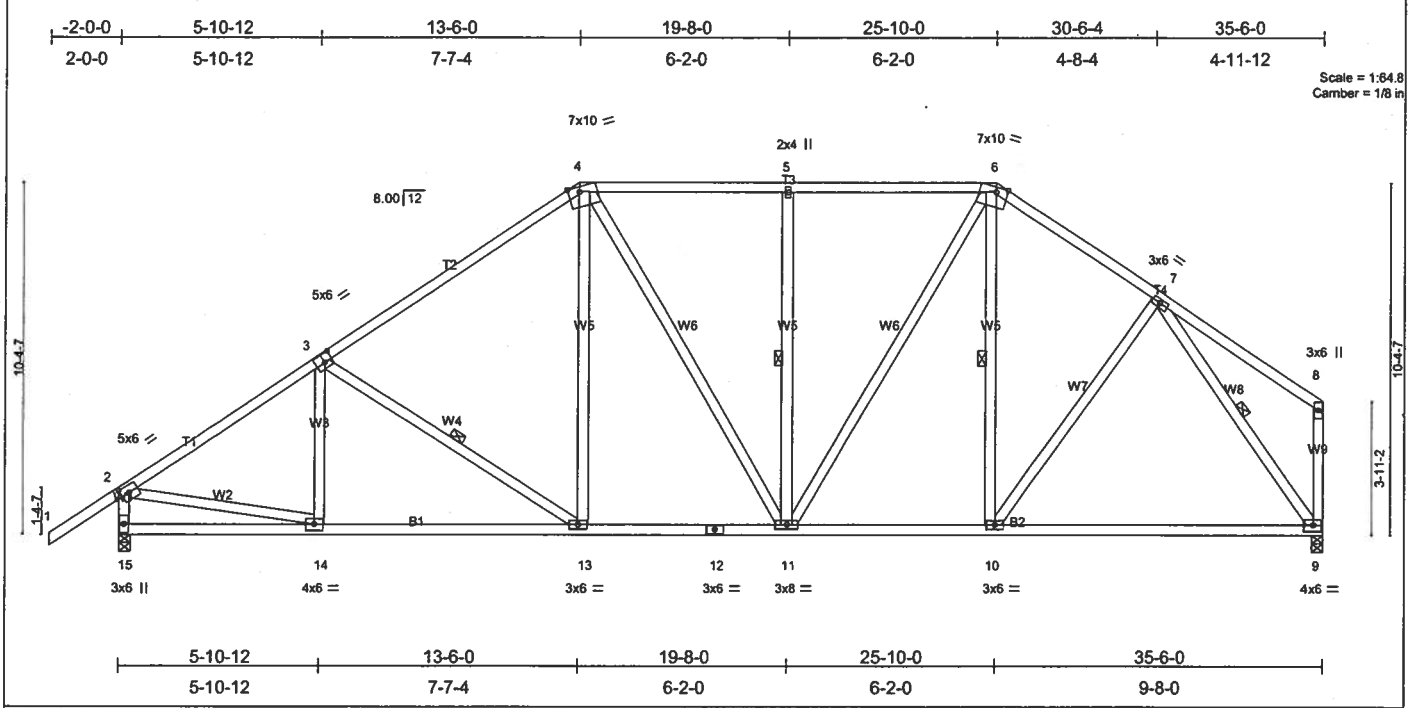


Plate Offsets (X,Y): [2:0-2-9,0-2-8], [3:0-3-0,0-3-0], [4:0-4-0,Edge], [6:0-4-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	-0.18	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.31	9-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.80	Horz(TL)	0.06	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 253 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-2-7 oc bracing.
WEBS 1 Row at midpt 3-13, 5-11, 6-10, 7-9

REACTIONS (lb/size) 15=1598/0-4-0, 9=1475/0-4-0
Max Horz 15=365(load case 4)
Max Uplift15=-560(load case 5), 9=-415(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-1847/672, 3-4=-1607/690, 4-5=-1291/682, 5-6=-1291/682, 6-7=-1330/624, 7-8=-180/102, 2-15=-1517/665, 8-9=-195/130
BOT CHORD 14-15=-358/259, 13-14=-597/1470, 12-13=-477/1250, 11-12=-477/1250, 10-11=-303/1053, 9-10=-317/871
WEBS 3-14=-71/129, 3-13=-281/278, 4-13=-108/379, 4-11=-278/224, 5-11=-346/321, 6-11=-330/523, 6-10=-52/220, 7-10=-206/385, 2-14=-429/1403, 7-9=-1379/541

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 Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 560 lb uplift at joint 15 and 415 lb uplift at joint 9.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061463

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T20	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:55 2006 Page 1

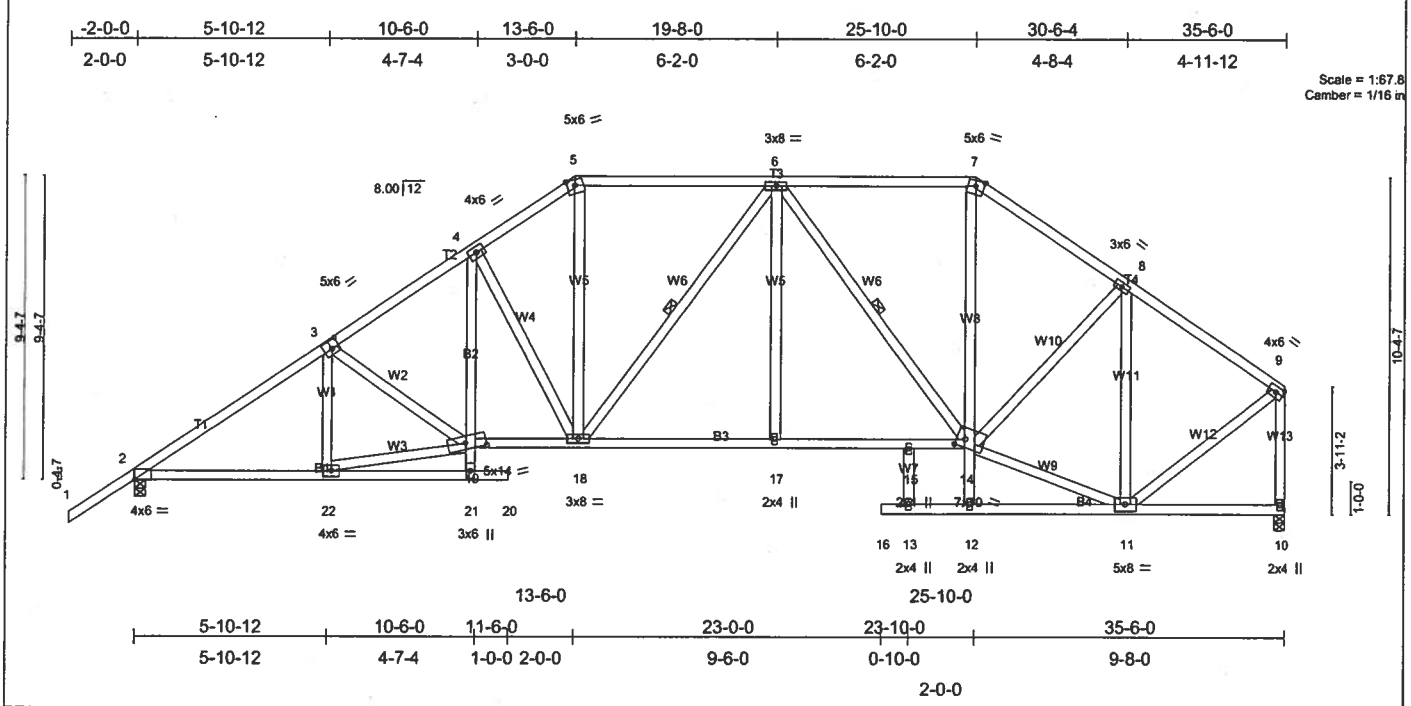


Plate Offsets (X,Y): [2:0-0-0,0-0-4], [3:0-3-0,0-3-0], [14:0-3-0,0-2-14], [19:0-7-8,0-2-5]

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)	-0.14	16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.22	16	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.11	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 271 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3, B3 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-1 oc purlins, except end verticals, and 2-0-0 oc purlins (4-10-0 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 7-9-10 oc bracing.
WEBS 1 Row at midpt 6-18, 6-14
JOINTS 1 Brace at Jt(s): 14

REACTIONS (lb/size) 2=1631/0-4-0, 10=1501/0-4-0
Max Horz 2=334(load case 4)
Max Uplift2=-564(load case 5), 10=-408(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-2334/765, 3-4=-2230/846, 4-5=-1914/813, 5-6=-1582/729, 6-7=-1346/649, 7-8=-1656/700, 8-9=-1185/454, 9-10=-1426/539
BOT CHORD 2-22=-651/1847, 21-22=-65/196, 20-21=0/0, 19-21=0/108, 4-19=-132/403, 18-19=-623/1796, 17-18=-554/1659, 15-17=-554/1659, 14-15=-554/1659, 13-16=0/0, 12-13=0/0, 11-12=-0/17, 10-11=-22/40
WEBS 3-22=-173/162, 19-22=-608/1685, 3-19=-109/126, 4-18=-462/278, 5-18=-265/767, 6-18=-259/267, 6-14=-605/330, 12-14=0/144, 7-14=-183/586, 8-11=-908/372, 9-11=-353/1115, 8-14=-273/573, 11-14=-325/979, 13-15=0/16, 6-17=0/196

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 564 lb uplift at joint 2 and 408 lb uplift at joint 10.
5) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061464

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T21	SPECIAL	2	1	Job Reference (optional)

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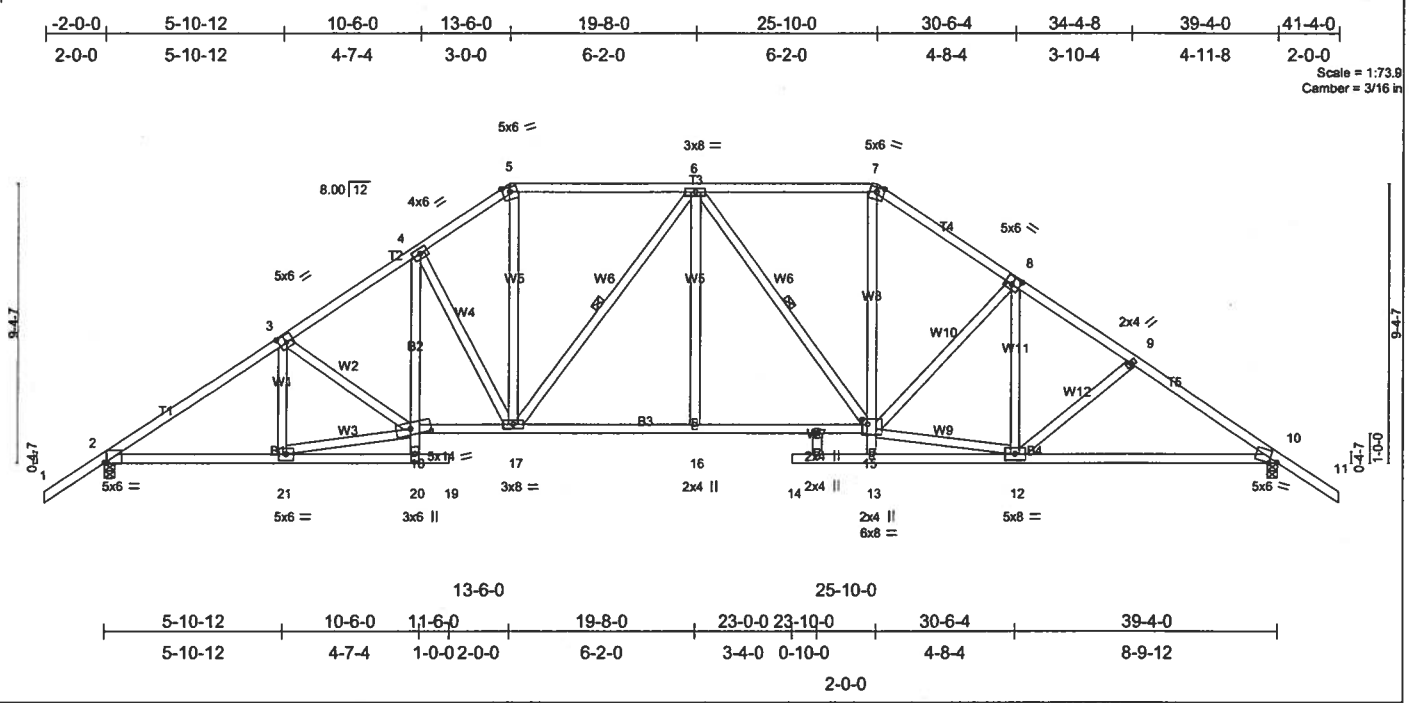


Plate Offsets (X,Y): [2:0-0-13,Edge], [3:0-3-0,0-3-0], [8:0-3-0,0-3-0], [10:0-3-1,Edge], [15:0-2-0,0-2-0], [18:0-8-3,0-2-10]

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)	-0.26	14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.42	14	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.62	Horz(TL)	0.16	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 276 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-11 oc purlins, except 2-0-0 oc purlins (4-4-14 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 7-9-7 oc bracing.
WEBS 1 Row at midpt 6-17, 6-15

REACTIONS (lb/size) 2=1809/0-4-0, 10=1812/0-4-0
Max Horz 2=321(load case 4)
Max Uplift2=-599(load case 5), 10=-599(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-2645/858, 3-4=-2587/918, 4-5=-2268/888, 5-6=-1880/792, 6-7=-1906/791, 7-8=-2307/864, 8-9=-2413/856, 9-10=-2591/881, 10-11=0/60
BOT CHORD 2-21=-654/2102, 20-21=-55/215, 19-20=0/0, 18-20=0/111, 4-18=-130/410, 17-18=-627/2094, 16-17=-566/2089, 15-16=-566/2089, 13-14=0/0, 12-13=-3/50, 10-12=-543/2085
WEBS 3-21=-223/151, 18-21=-612/1926, 3-18=-99/136, 4-17=-467/275, 5-17=-305/960, 6-17=-467/306, 6-15=-432/316, 13-15=0/154, 7-15=-269/939, 8-12=-67/142, 8-15=-191/233, 12-15=-427/1941, 6-16=0/200, 9-12=-175/177

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 599 lb uplift at joint 2 and 599 lb uplift at joint 10.
5) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061465

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T22	SPECIAL	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:48:59 2006 Page 1

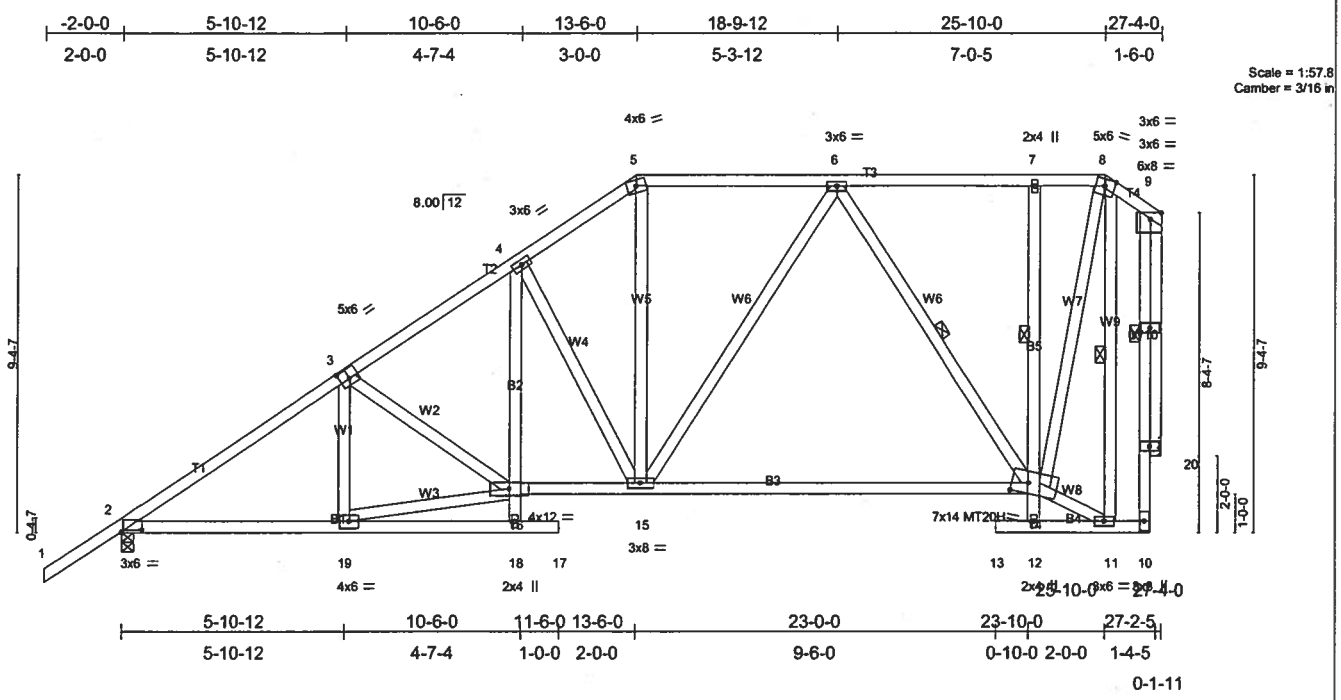


Plate Offsets (X,Y): [2:0-6-7,0-0-10], [3:0-3-0,0-3-0], [9:0-3-8,Edge], [14:0-4-15,0-3-5]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.90	Vert(LL)	-0.25	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.43	14-15	>751	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	YES	WB	0.67	Horz(TL)	0.04	20	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 233 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 "Except"
B2 2 X 4 SYP No.3, B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-8 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-8.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 7-14
WEBS 1 Row at midpt 6-14, 8-11, 9-10

REACTIONS (lb/size) 2=1269/0-4-0, 20=1165/Mechanical
Max Horz 2=475(load case 5)
Max Uplift2=-438(load case 5), 20=-431(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1702/453, 3-4=-1499/530, 4-5=-1219/491, 5-6=-991/453, 6-7=-419/186, 7-8=-403/182, 8-9=-398/167, 10-20=-214/545, 9-20=-619/254
BOT CHORD 2-19=-627/1328, 18-19=-49/194, 17-18=0/0, 16-18=0/103, 4-16=-150/327, 15-16=-546/1188, 14-15=-351/797, 12-14=-66/227, 7-14=-356/243, 12-13=0/0, 11-12=-126/0, 10-11=-25/64
WEBS 3-19=-64/160, 16-19=-591/1156, 3-16=-179/129, 4-15=-410/298, 5-15=-109/412, 6-15=-158/359, 6-14=-703/374, 11-14=0/216, 8-14=-551/1460, 8-11=-747/260

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 Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 438 lb uplift at joint 2 and 431 lb uplift at joint 20.
7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061466

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T23	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:02 2006 Page 1

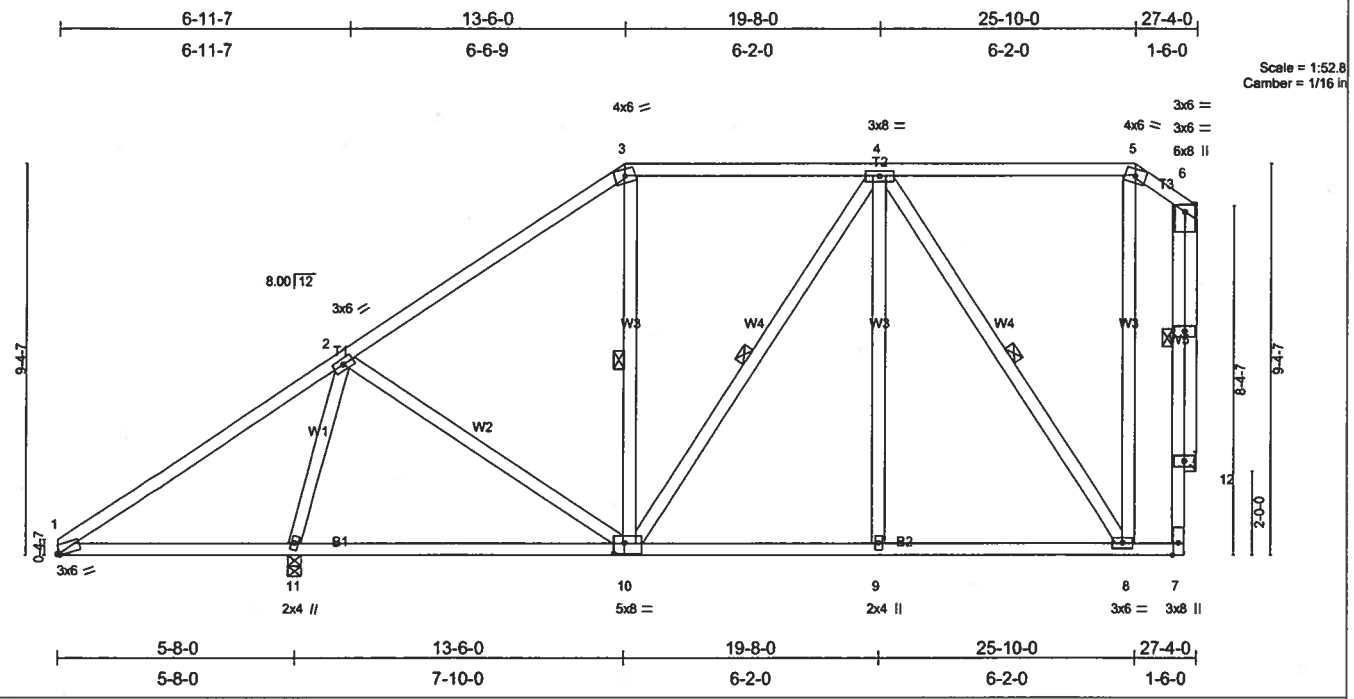


Plate Offsets (X,Y): [1:0-0-12,Edge], [10:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.98	Vert(LL)	-0.13	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.21	8-9	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.49	Horz(TL)	-0.01	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 196 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-3-4 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-11.
WEBS 1 Row at midpt 3-10, 4-10, 4-8, 6-7

REACTIONS (lb/size) 11=1428/0-4-0, 12=839/Mechanical
Max Horz 11=392(load case 5)
Max Uplift11=-562(load case 5), 12=-376(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-364/467, 2-3=-620/246, 3-4=-427/259, 4-5=-84/69, 5-6=-352/139, 7-12=-195/329, 6-12=-508/188
BOT CHORD 1-11=-293/375, 10-11=-247/77, 9-10=-253/459, 8-9=-253/459, 7-8=-39/79
WEBS 2-10=-172/506, 3-10=-41/124, 4-10=-108/160, 4-9=0/227, 4-8=-679/384, 5-8=-81/331, 2-11=-1204/632

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 Exterior(2) zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 562 lb uplift at joint 11 and 376 lb uplift at joint 12.
6) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061467

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T24	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:04 2006 Page 1

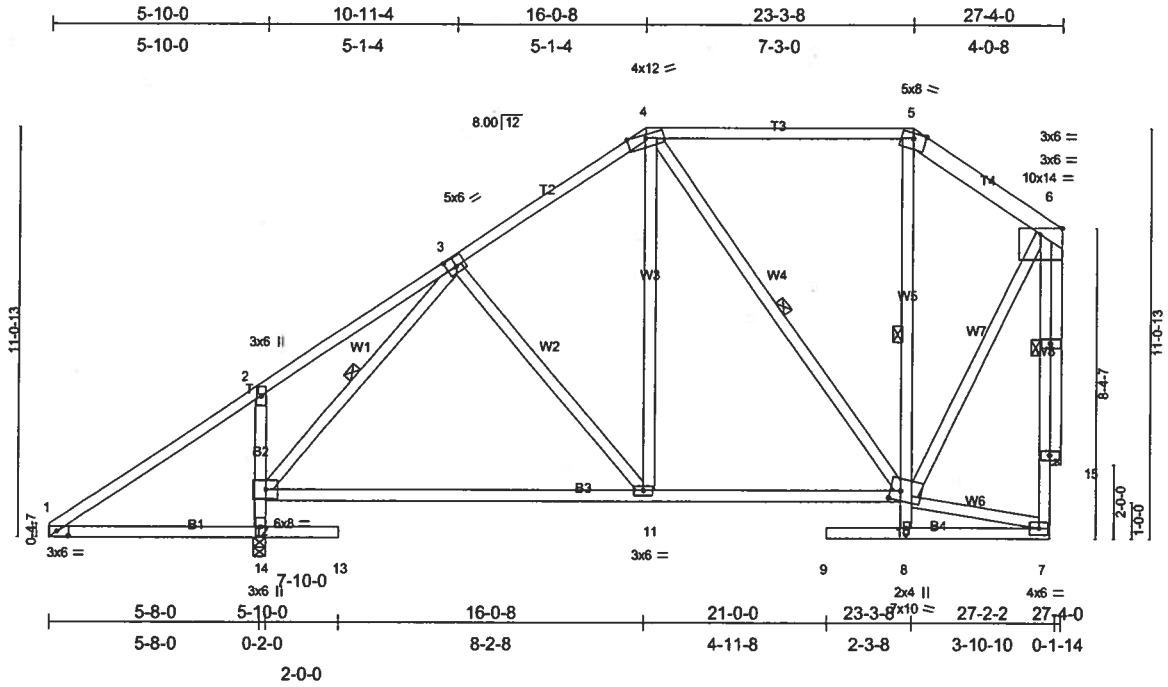


Plate Offsets (X,Y): [1:0-3-9,0-1-8], [3:0-3-0,0-3-0], [10:0-3-6,0-3-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.18	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.30	11-12	>844	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.04	15	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 211 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except* T4 2 X 6 SYP No.1D
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.1D

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-14.
WEBS 1 Row at midpt 3-12, 4-10, 5-8, 6-7

REACTIONS (lb/size) 14=1507/0-4-0, 15=884/Mechanical
Max Horz 14=412(load case 5)
Max Uplift14=-560(load case 5), 15=-317(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-323/440, 2-3=-186/419, 3-4=-633/269, 4-5=-312/218, 5-6=-406/186, 7-15=0/48, 6-15=-836/338
BOT CHORD 1-14=-280/324, 13-14=0/0, 12-14=-1338/609, 2-12=-344/337, 11-12=-313/403, 10-11=-236/475, 8-9=0/0, 7-8=0/23
WEBS 3-12=-1076/434, 3-11=-117/179, 4-11=-80/250, 4-10=-284/194, 8-10=0/140, 5-10=-179/145, 6-10=-279/662, 7-10=-36/8

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 Exterior(2) zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 560 lb uplift at joint 14 and 317 lb uplift at joint 15.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061468

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T25	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:06 2006 Page 1

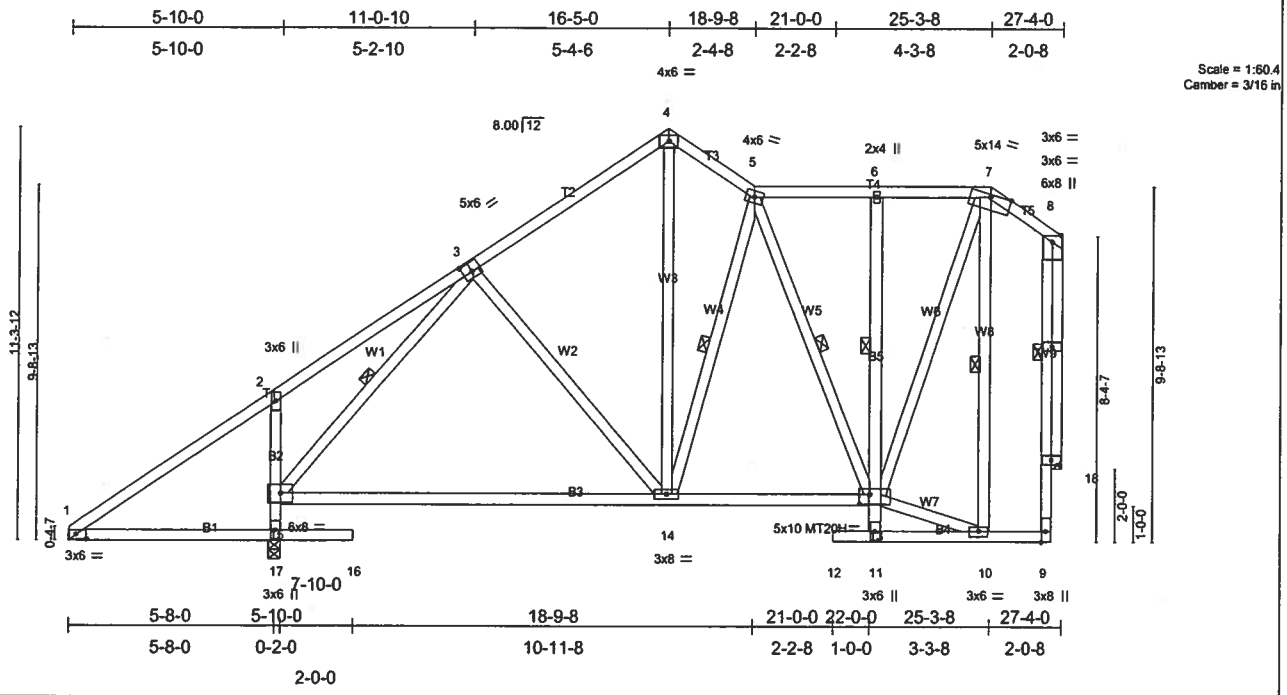


Plate Offsets (X,Y): [1:0-3-9,0-1-8], [3:0-3-0,0-3-0], [13:0-3-4,0-3-1]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.87	Vert(LL)	-0.22	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.38	14-15	>665	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.04	18	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 227 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* B5 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3 *Except* W9 2 X 4 SYP No.2
OTHERS	2 X 4 SYP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-17. 1 Row at midpt 6-13
WEBS	1 Row at midpt 3-15, 5-13, 7-10, 8-9, 5-14

REACTIONS (lb/size) 17=1502/0-4-0, 18=864/Mechanical
Max Horz 17=419(load case 5)
Max Uplift17=-561(load case 5), 18=-318(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-323/440, 2-3=-189/412, 3-4=-623/270, 4-5=-540/284, 5-6=-385/200, 6-7=-385/200, 7-8=-364/158, 9-18=-115/335, 8-18=-527/222
BOT CHORD	1-17=-280/324, 16-17=0/0, 15-17=-1332/604, 2-15=-341/338, 14-15=-306/406, 13-14=-194/484, 11-13=-30/207, 6-13=-335/225, 11-12=0/0, 10-11=-53/119, 9-10=-31/83
WEBS	3-15=-1068/436, 3-14=-107/194, 4-14=-161/361, 5-13=-267/157, 10-13=-43/28, 7-13=-344/879, 7-10=-351/174, 5-14=-178/157

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 Exterior(2) zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 561 lb uplift at joint 17 and 318 lb uplift at joint 18.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061469

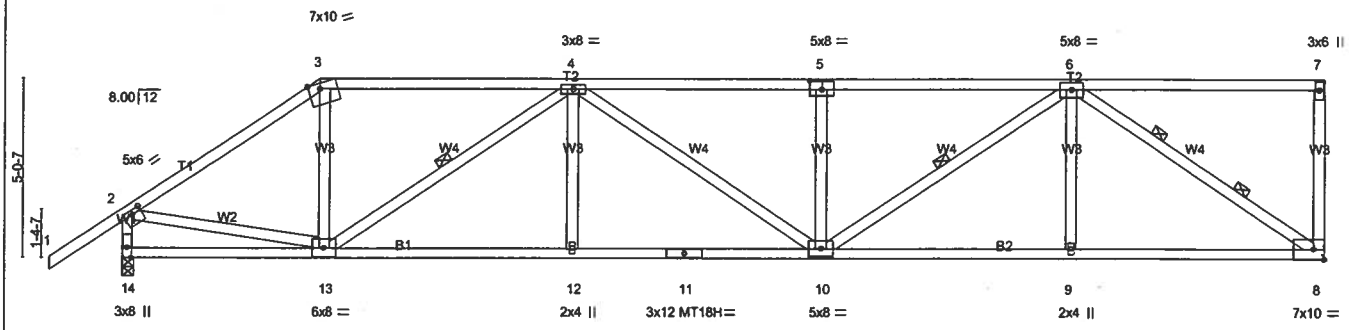
Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T26	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:08 2006 Page 1

-2-0-0 | 5-6-0 | 12-7-10 | 19-7-8 | 26-7-6 | 33-9-0

2-0-0 | 5-6-0 | 7-1-10 | 6-11-14 | 6-11-14 | 7-1-10

Scale = 1:61.8
Camber = 3/16 in



5-6-0 | 12-7-10 | 19-7-8 | 26-7-6 | 33-9-0

5-6-0 | 7-1-10 | 6-11-14 | 6-11-14 | 7-1-10

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.98	Vert(LL)	-0.33	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.79	Vert(TL)	-0.53	10-12	>752	180	MT18H	244/190
BCLL	10.0	Rep Stress Incr	NO	WB	0.95	Horz(TL)	0.14	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 196 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-4-7 oc bracing.
WEBS 1 Row at midpt 4-13, 6-10
2 Rows at 1/3 pts 6-8

REACTIONS (lb/size) 8=2397/Mechanical, 14=2520/0-4-0
Max Horz 14=485(load case 5)
Max Uplift8=-1416(load case 3), 14=-1214(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-2978/1578, 3-4=-2401/1488, 4-5=-4218/2481, 5-6=-4218/2481, 6-7=-95/58, 7-8=-303/305, 2-14=-2383/1403
BOT CHORD 13-14=-566/193, 12-13=-2387/4068, 11-12=-2387/4068, 10-11=-2387/4068, 9-10=-1721/2917, 8-9=-1721/2917
WEBS 3-13=-383/997, 4-13=-2016/1227, 4-12=0/366, 4-10=-114/181, 5-10=-630/647, 6-10=-919/1572, 6-9=0/361, 6-8=-3410/2010, 2-13=-1140/2223

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; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) All plates are MT20 plates unless otherwise indicated.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1416 lb uplift at joint 8 and 1214 lb uplift at joint 14.
6) Girder carries hip end with 0-0-0 right side setback, 0-0-0 left side setback, and 5-6-0 end setback.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-3=-92(F=-38), 3-7=-92(F=-38), 8-14=-51(F=-21)

JANUARY 24, 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

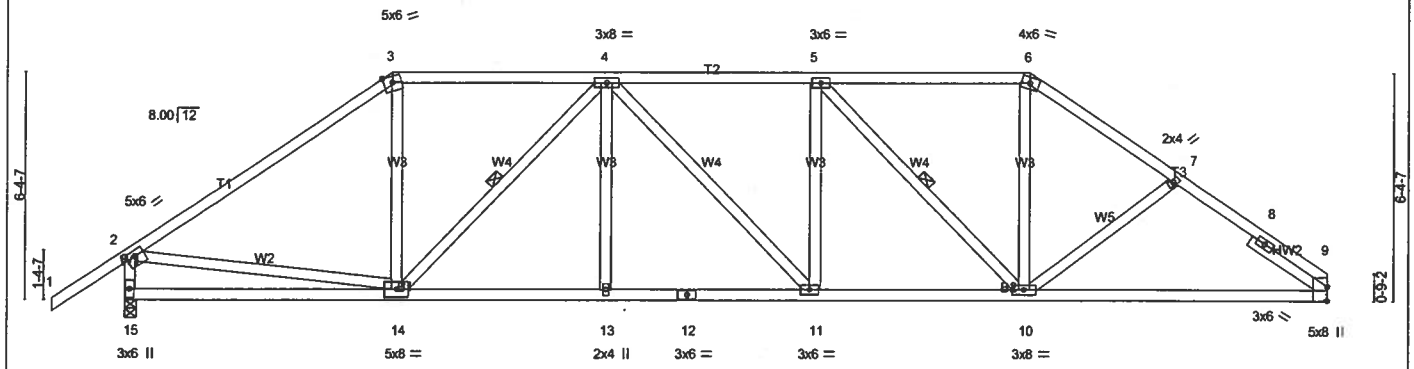
Dwg.#0124061470

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T27	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:10 2006 Page 1

-2-0-0	7-6-0	13-5-15	19-4-1	25-4-0	29-4-12	33-9-0
2-0-0	7-6-0	5-11-15	5-10-3	5-11-15	4-0-12	4-4-4

Scale = 1:61.7
Camber = 1/16 in



7-6-0	13-5-15	19-4-1	25-4-0	33-9-0
7-6-0	5-11-15	5-10-3	5-11-15	8-5-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.14	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.23	11-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.08	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 203 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
SLIDER Right 2 X 4 SYP No.3 2-7-4

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-2 oc bracing.
WEBS 1 Row at midpt 4-14, 5-10

REACTIONS (lb/size) 9=1408/Mechanical, 15=1531/0-4-0
Max Horz 15=241(load case 4)
Max Uplift9=-431(load case 3), 15=-505(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-1767/679, 3-4=-1387/656, 4-5=-1938/869, 5-6=-1523/699, 6-7=-1841/760, 7-8=-1941/786, 8-9=-2010/776, 2-15=-1411/671
BOT CHORD 14-15=-292/307, 13-14=-779/1890, 12-13=-779/1890, 11-12=-779/1890, 10-11=-745/1938, 9-10=-539/1559
WEBS 3-14=-200/612, 4-14=-797/450, 4-13=0/172, 4-11=-80/102, 5-11=-3/153, 5-10=-668/402, 6-10=-214/692, 7-10=-138/182, 2-14=-537/1121

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 Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 431 lb uplift at joint 9 and 505 lb uplift at joint 15.

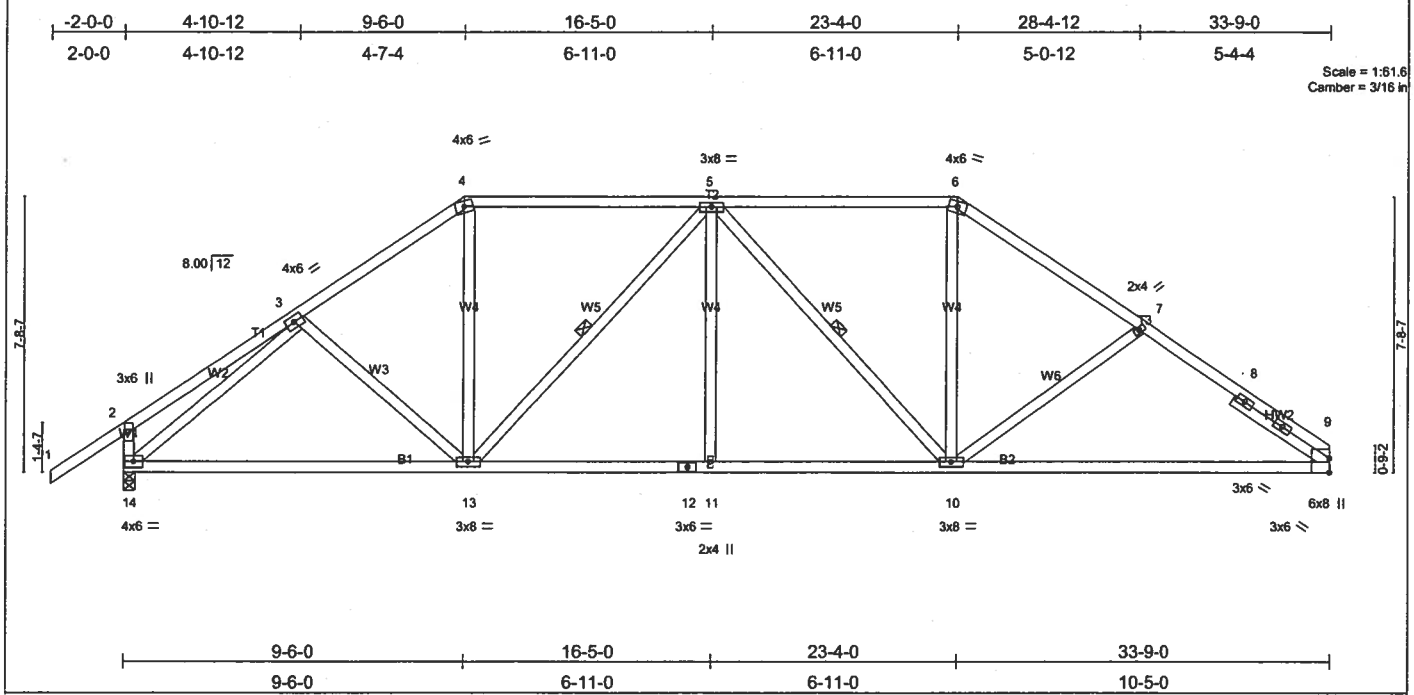
LOAD CASE(S) Standard

JANUARY 24, 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.#0124061471

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T28	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:13 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	0.79	Vert(LL)	-0.23	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.68	Vert(TL)	-0.40	9-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.98	Horz(TL)	0.08	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 204 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
SLIDER Right 2 X 4 SYP No.3 3-2-7

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-2-2 oc bracing.
WEBS 1 Row at midpt 5-13, 5-10

REACTIONS (lb/size) 9=1408/Mechanical, 14=1531/0-4-0
Max Horz 14=287(load case 4)
Max Uplift9=-408(load case 6), 14=-522(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-382/127, 3-4=-1646/696, 4-5=-1333/647, 5-6=-1428/683, 6-7=-1767/732, 7-8=-1906/777, 8-9=-1989/759, 2-14=-433/279
BOT CHORD 13-14=-555/1286, 12-13=-587/1628, 11-12=-587/1628, 10-11=-587/1628, 9-10=-523/1553
WEBS 3-13=-160/163, 4-13=-157/548, 5-13=-514/335, 5-11=0/164, 5-10=-398/313, 6-10=-166/597, 7-10=-178/247, 3-14=-1407/581

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 Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 408 lb uplift at joint 9 and 522 lb uplift at joint 14.

LOAD CASE(S) Standard

JANUARY 24, 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

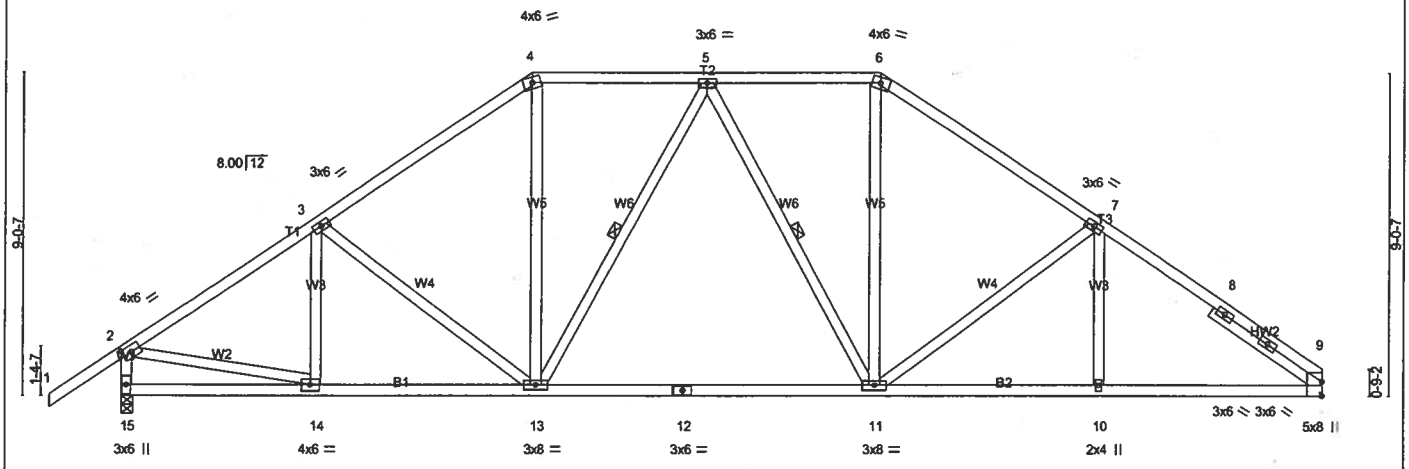
Dwg.#0124061472

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T29	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:16 2006 Page 1

-2-0-0	5-5-4	11-6-0	16-5-0	21-4-0	27-4-12	33-9-0
2-0-0	5-5-4	6-0-12	4-11-0	4-11-0	6-0-12	6-4-4

Scale = 1:61.7
Camber = 1/8 in



5-5-4	11-6-0	21-4-0	27-4-12	33-9-0
5-5-4	6-0-12	9-10-0	6-0-12	6-4-4

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.22	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.38	11-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.07	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 215 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
SLIDER Right 2 X 4 SYP No.3 3-9-9

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-9-11 oc bracing.
WEBS 1 Row at midpt 5-13, 5-11

REACTIONS (lb/size) 9=1408/Mechanical, 15=1531/0-4-0
Max Horz 15=334(load case 4)
Max Uplift9=-422(load case 6), 15=-537(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/64, 2-3=-1716/640, 3-4=-1584/677, 4-5=-1252/642, 5-6=-1306/662, 6-7=-1644/703, 7-8=-1949/747, 8-9=-2039/726, 2-15=-1442/650
BOT CHORD 14-15=-319/329, 13-14=-508/1360, 12-13=-414/1338, 11-12=-414/1338, 10-11=-490/1583, 9-10=-490/1583
WEBS 3-14=-135/118, 3-13=-168/219, 4-13=-145/512, 5-13=-288/284, 5-11=-196/267, 6-11=-161/533, 7-11=-369/302, 7-10=0/159, 2-14=-405/1289

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 Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 422 lb uplift at joint 9 and 537 lb uplift at joint 15.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061473

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T30	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:18 2006 Page 1

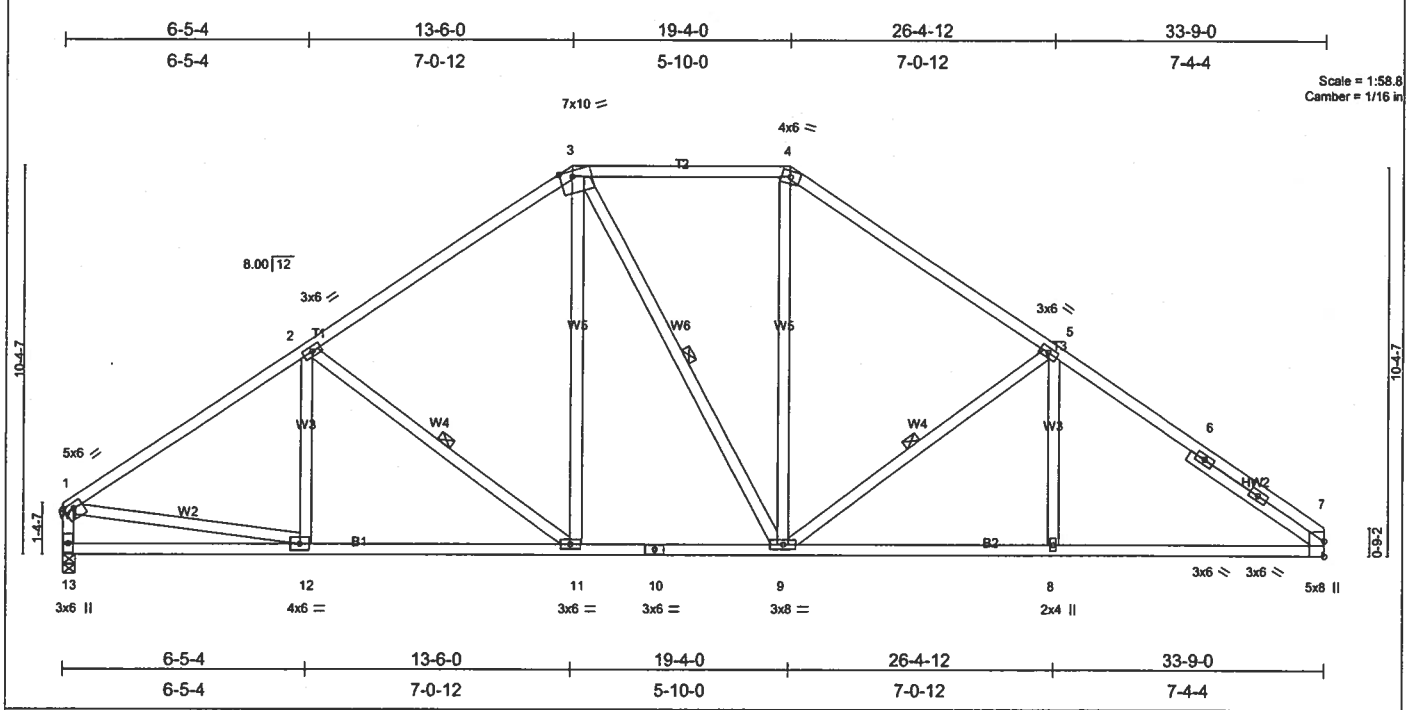


Plate Offsets (X,Y): [1:Edge,0-1-12], [3:0-4-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	-0.12	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.20	11-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.07	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 213 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
SLIDER Right 2 X 4 SYP No.3 4-4-12

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-0-6 oc bracing.
WEBS 1 Row at midpt 2-11, 3-9, 5-9

REACTIONS (lb/size) 7=1411/Mechanical, 13=1411/0-4-0
Max Horz 13=-370(load case 3)
Max Uplift7=-435(load case 6), 13=-427(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1785/658, 2-3=-1495/665, 3-4=-1185/648, 4-5=-1521/675, 5-6=-1837/732, 6-7=-2021/708, 1-13=-1317/513
BOT CHORD 12-13=-399/380, 11-12=-446/1410, 10-11=-311/1159, 9-10=-311/1159, 8-9=-466/1576, 7-8=-466/1576
WEBS 2-12=-11/105, 2-11=-340/293, 3-11=-139/393, 3-9=-206/198, 4-9=-147/433, 5-9=-501/360, 5-8=0/230, 1-12=-310/1193

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 Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 435 lb uplift at joint 7 and 427 lb uplift at joint 13.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061474

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T31	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:20 2006 Page 1

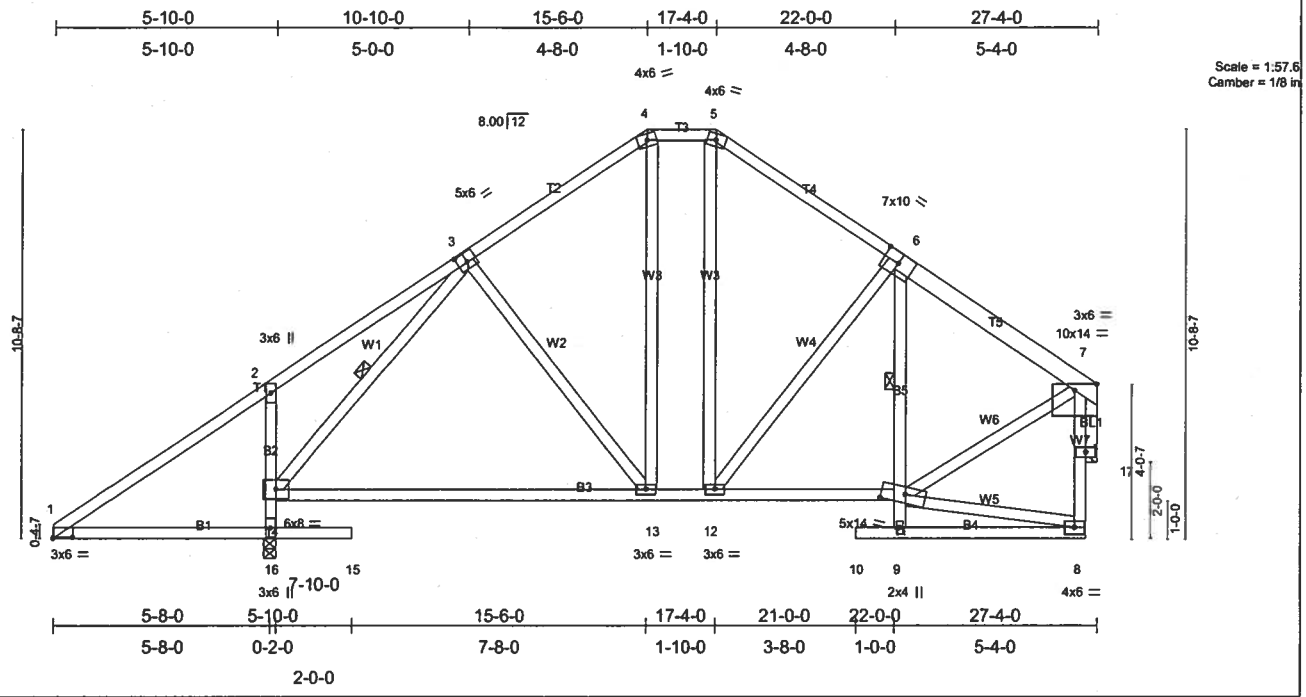


Plate Offsets (X,Y): [1:0-6-3,0-0-6], [3:0-3-0,0-3-0], [6:0-5-0,0-3-4], [11:0-7-9,0-2-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.18	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.29	13-14	>891	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.07	17	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 198 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except* T5 2 X 6 SYP No.1D
BOT CHORD 2 X 4 SYP No.2 *Except* B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-16,8-9. 1 Row at midpt 6-11
WEBS 1 Row at midpt 3-14

REACTIONS (lb/size) 16=1502/0-4-0, 17=864/Mechanical
Max Horz 16=346(load case 4)
Max Uplift16=-599(load case 5), 17=-258(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-337/441, 2-3=-260/423, 3-4=-628/307, 4-5=-461/313, 5-6=-633/314, 6-7=-708/247, 8-17=0/70, 7-17=-795/281
BOT CHORD 1-16=-280/332, 15-16=0/0, 14-16=-1333/672, 2-14=-329/316, 13-14=-243/399, 12-13=-126/461, 11-12=-132/532, 9-11=0/111, 6-11=-139/115, 9-10=0/0, 8-9=-38/47
WEBS 3-13=-159/193, 4-13=-57/192, 5-12=-100/117, 6-12=-162/209, 7-11=-146/601, 8-11=-52/44, 3-14=-1092/547

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 Exterior(2) zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 599 lb uplift at joint 16 and 258 lb uplift at joint 17.

LOAD CASE(S) Standard

JANUARY 24, 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.#0124061475

Job	Truss	Truss Type	Qty	Ply	LOT 11 ROLLING MEADOWS
L146633	T32	SPECIAL	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 24 13:49:23 2006 Page 1

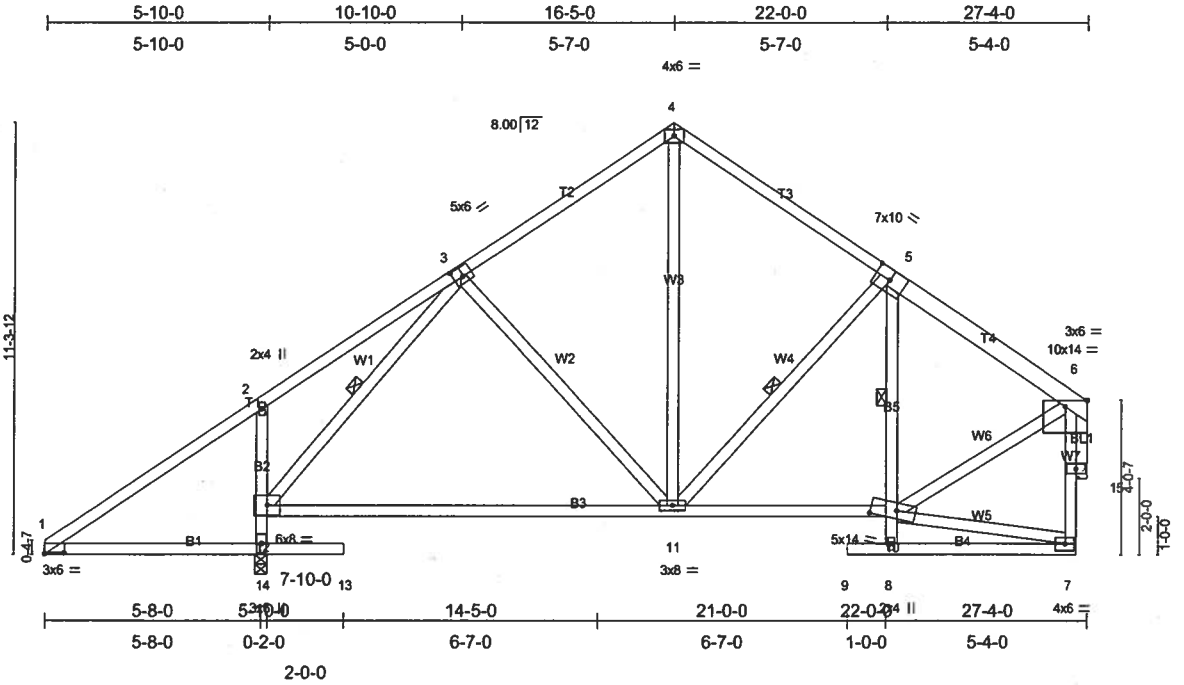


Plate Offsets (X,Y): [1:0-6-3,0-0-6], [3:0-3-0,0-3-0], [5:0-5-0,0-3-4], [10:0-8-3,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.20	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.35	11-12	>732	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.03	15	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 187 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except* T4 2 X 6 SYP No.1D
BOT CHORD 2 X 4 SYP No.2 *Except* B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-14.
1 Row at midpt 5-10
WEBS 1 Row at midpt 5-11, 3-12

REACTIONS (lb/size) 14=1502/0-4-0, 15=864/Mechanical
Max Horz 14=367(load case 4)
Max Uplift14=-440(load case 5), 15=-260(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-116/440, 2-3=-43/417, 3-4=-626/351, 4-5=-636/351, 5-6=-703/277, 7-15=0/74, 6-15=-787/314
BOT CHORD 1-14=-280/168, 13-14=0/0, 12-14=-1331/483, 2-12=-333/319, 11-12=-234/397, 10-11=-158/531, 8-10=0/111, 5-10=-168/126, 8-9=0/0, 7-8=0/50
WEBS 3-11=-94/213, 4-11=-174/298, 5-11=-151/202, 6-10=-178/602, 3-12=-1069/292, 7-10=-42/0

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 Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 440 lb uplift at joint 14 and 260 lb uplift at joint 15.

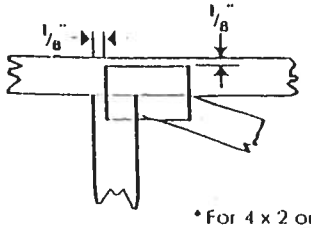
LOAD CASE(S) Standard

JANUARY 24, 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 dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seal.



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

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

PLATE SIZE

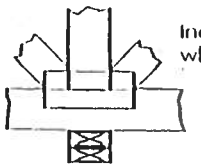
4 X 4

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

LATERAL BRACING

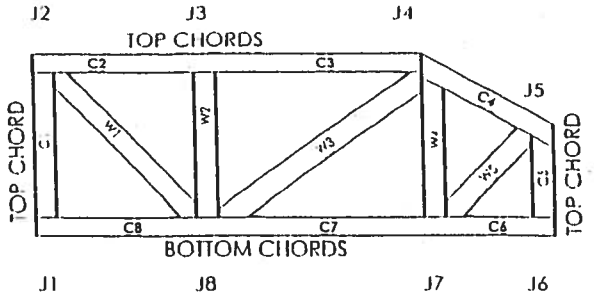
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

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

MiTek®

TEE-LOK

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

Lot 12 Rolling Meadows - Adam's Framing and Construction

COLUMBIA COUNTY BUILDING DEPARTMENT

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

Floor Plan including:

- ☑ ☐ a) Rooms labeled and dimensioned
- ☑ ☐ b) Shear walls
- ☑ ☐ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- ☐ ☐ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☐ ☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☑ ☐ f) Must show and identify accessibility requirements (accesssable bathroom)

Foundation Plan including:

- ☑ ☐ a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- ☑ ☐ b) All posts and/or column footing including size and reinforcing
- ☑ ☐ c) Any special support required by soil analysis such as piling
- ☑ ☐ d) Location of any vertical steel

Roof System:

- ☑ ☐ a) Truss package including:
  1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
  2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- ☑ ☐ b) Conventional Framing Layout including:
  1. Rafter size, species and spacing
  2. Attachment to wall and uplift
  3. Ridge beam sized and valley framing and support details
  4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

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

☑ ☐ b) Wood frame wall

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

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

Floor Framing System:

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

☑ ☐ b) Floor joist size and spacing

☑ ☐ c) Girder size and spacing

☑ ☐ d) Attachment of joist to girder

☑ ☐ e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

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

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

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

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

☑ ☐ f) Appliances and HVAC equipment

HVAC information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathroom

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

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

Disclosure Statement for Owner Builders

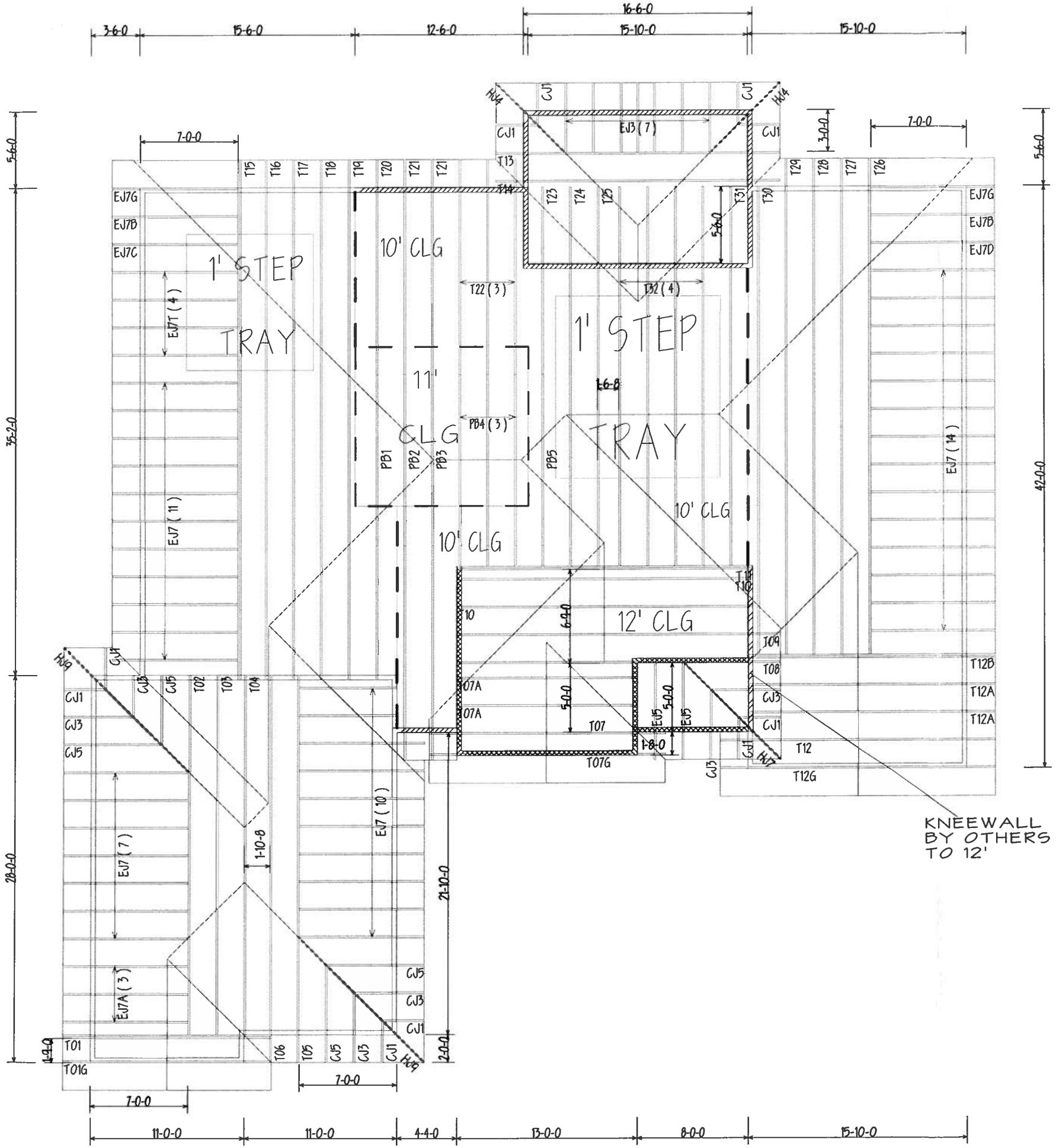
Notice Of Commencement

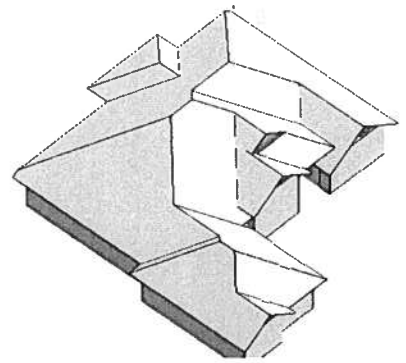
Private Potable Water

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used





8/12 PITCH

2' OH

BEARING HEIGHT SCHEDULE

- 9'-0"
- 10'-0"
- 12'-0"
- KNEEWALL-12'

NOTES:

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

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

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

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

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

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

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

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

SHOP DRAWING APPROVAL

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

Requested Delivery Date: _____

Approved By: _____ Date: _____

Builders FirstSource

Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994

Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973

Lake City
PHONE: 904-755-6894 FAX: 904-755-7973

Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER:

LEGAL ADDRESS: LOT 11 ROLLING MEADOWS

MODEL:	REVISION:
CUSTOM	SCALE: NTS
DATE: 1-24-06	DRAWN BY: JRD
	JOB #: L146633