DATE 06/11/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027077

APPLICANT LINDA RODER PHONE 782-2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER ADAM PAPKA PHONE 623-2383

ADDRESS 405 SW MORNING GLORY DR LAKE CITY FL 32024

CONTRACTOR ADAM PAPKA PHONE 623-2383

LOCATION OF PROPERTY 247S, TL ON CALLAHAN, TL HOPE HENRY, TR ON MORNING GLORY DR, 3RD LOT ON LEFT PAST BUTTERCUP

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 154650.00

HEATED FLOOR AREA 2262.00 TOTAL AREA 3093.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 20

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

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

PARCEL ID 15-4S-16-03023-514 SUBDIVISION ROLLING MEADOWS

LOT 14 BLOCK PHASE UNIT TOTAL ACRES 0.50

000001609		CBC1253409		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
CULVERT	08-123	BK	JH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: PLAT REQUIRES MFE 106', CONFIRMATION LETTER REQUIRED AT SLAB

NOC ON FILE

Check # or Cash 1503

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 $ 775.00 CERTIFICATION FEE $ 15.46 SURCHARGE FEE $ 15.46

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** 905.92

INSPECTORS OFFICE Gale Tedder CLERKS OFFICE CH

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

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

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

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

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001609

DATE 06/11/2008 PARCEL ID # 15-4S-16-03023-514

APPLICANT LINDA RODER PHONE 782-2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER ADAM PAPKA PHONE 623-2383

ADDRESS 405 SW MORNING GLORY DR LAKE CITY FL 32024

CONTRACTOR ADAM PAPKA PHONE 623-2383

LOCATION OF PROPERTY 247S, TL ON CALLAHAN, TL HOPE HENRY, TR ON MORNING GLORY DR,

3RD LOT ON LEFT PAST BUTTERCUP

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROLLING MEADOWS 14

SIGNATURE

INSTALLATION REQUIREMENTS

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

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

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

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

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

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

Lot #4
Rolling Meadows

CCH 1503

Columbia County Building Permit Application

For Office Use Only Application # 0801-74 Date Received 1-14-08 By G Permit # 1609/27077
Zoning Official BLK Date 23.01.08 Flood Zone X per plat FEMA Map # n/A Zoning RSF-2
Land Use Res. Low Den Elevation n/A MFE 106 per plat River n/A Plans Examiner OKSTH Date 1-23-08
Comments 2' Elevation Construction Letter Required
☑ NOC ☑ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # City Water
☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Fax 752-2282
Name Authorized Person Signing Permit Linda or Melanie Packer Phone 752-2281
Address 387 SW Kemp Ct. Lake City FL 32024
Owners Name Adams Framing & Construction LLC Phone 623-2383
911 Address 405 SW Morning Glory Drive Lake City FL 32024
Contractors Name Adam Papka of Adams Framing & Construction Phone 623-2383
Address POB 1921 Lake City FL 32056
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Will Myers/Mark Disos
Mortgage Lenders Name & Address CCB
Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progress Energy

Property ID Number 15-4S-16-03023-514 Estimated Cost of Construction 160 K
Subdivision Name Rolling Meadows Lot 14 Block ___ Unit ___ Phase ___
Driving Directions 247 S, Lon Callahan, Lon Hope Henry, Rol Morning Glory Dr, 3rd Lot on L past Buttercup
Number of Existing Dwellings on Property 0
Construction of Single family dwelling Total Acreage .5 Lot Size .5+
Do you need a - (Culvert Permit) or Culvert Waiver or Have an Existing Drive Total Building Height 20'-6"
Actual Distance of Structure from Property Lines - Front 50' Side 27' Side 27' Rear 58'4"
Number of Stories 1 Heated Floor Area 2262 Total ~~Heated~~ Floor Area ~~2262~~ 3093 Roof Pitch 8-12

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

Columbia County Building Permit Application

Application # _____

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

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

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

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

X _____
Owners Signature

Affirmed under penalty of perjury to by the Owner and subscribed before me this 14 **day of** Jan **20** 08

Personally known ✓ **or Produced Identification** _____

_____ **SEAL:**
State of Florida Notary Signature (For the Owner)

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

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

X _____
Contractor's Signature (Permitee)

Contractor's License Number CBC 1253409
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 14 **day of** Jan **20** 08

Personally known ✓ **or Produced Identification** _____

_____ **SEAL:**

Linda R. Roder

Notice of Authorization

I Adam Papke, 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 15-4S-16-03023-514

Contractor's signature

1-14-07
Date

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

Sworn and subscribed before me this 14 day of Jan, 2008

Notary Public

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

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 [redacted]

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

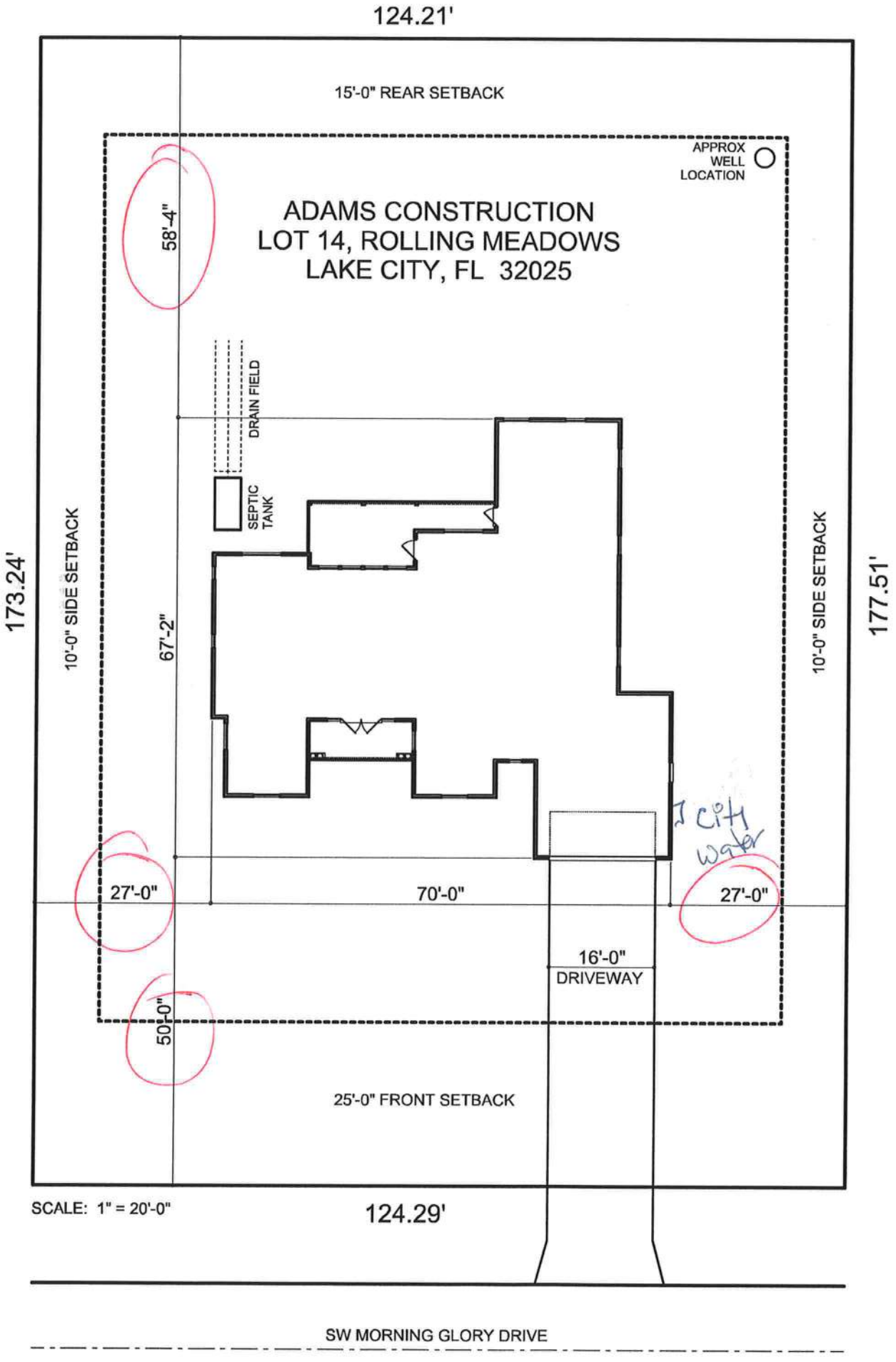
The foregoing instrument was acknowledged before me this 26th day of October, 2005, by Margaret Lardizabal, as Vice President of RML Holdings, Inc., a Florida corporation, on behalf of said corporation, who is personally known to me.

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


124.21'
15'-0" REAR SETBACK
APPROX WELL LOCATION
ADAMS CONSTRUCTION
LOT 14, ROLLING MEADOWS
LAKE CITY, FL 32025
58'-4"
DRAIN FIELD
SEPTIC TANK
173.24'
10'-0" SIDE SETBACK
67'-2"
10'-0" SIDE SETBACK
177.51'
City water
27'-0"
70'-0"
27'-0"
16'-0"
DRIVEWAY
50'-0"
25'-0" FRONT SETBACK
SCALE: 1" = 20'-0"
124.29'
SW MORNING GLORY DRIVE

0801-74

Inst:200812010945 Date:6/9/2008 Time:3:49 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1152 P:69

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 15-4S-16-03023-514

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): Lot 14 Rolling Meadows
   a) Street (job) Address: 405 S.W. Morning Glory Dr. Lake City FL 32024
2. General description of improvements: Single family dwelling
3. Owner Information
   a) Name and address: Adam's Framing and Construction
   b) Name and address of fee simple titleholder (if other than owner): Speculation
   c) Interest in property Speculation
4. Contractor Information
   a) Name and address: Adam Papka P.O.B. 1921 Lake City FL 32056
   b) Telephone No.: 623-2383 Fax No. (Opt.)
5. Surety Information
   a) Name and address: NA
   b) Amount of Bond:
   c) Telephone No.: Fax No. (Opt.)
6. Lender
   a) Name and address: NA
   b) Phone No.
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: NA
   b) Telephone No.: Fax No. (Opt.)
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
   a) Name and address: NA
   b) Telephone No.: Fax No. (Opt.)
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified):

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission # DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

10. X
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Adam Papka
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 9 day of June, 20 08 by:

Adam Papka as (type of authority, e.g. officer, trustee, attorney fact) for Adam Papka (name of party on behalf of whom instrument was executed).

Personally Known X OR Produced Identification Type

Linda Roder

0801-74

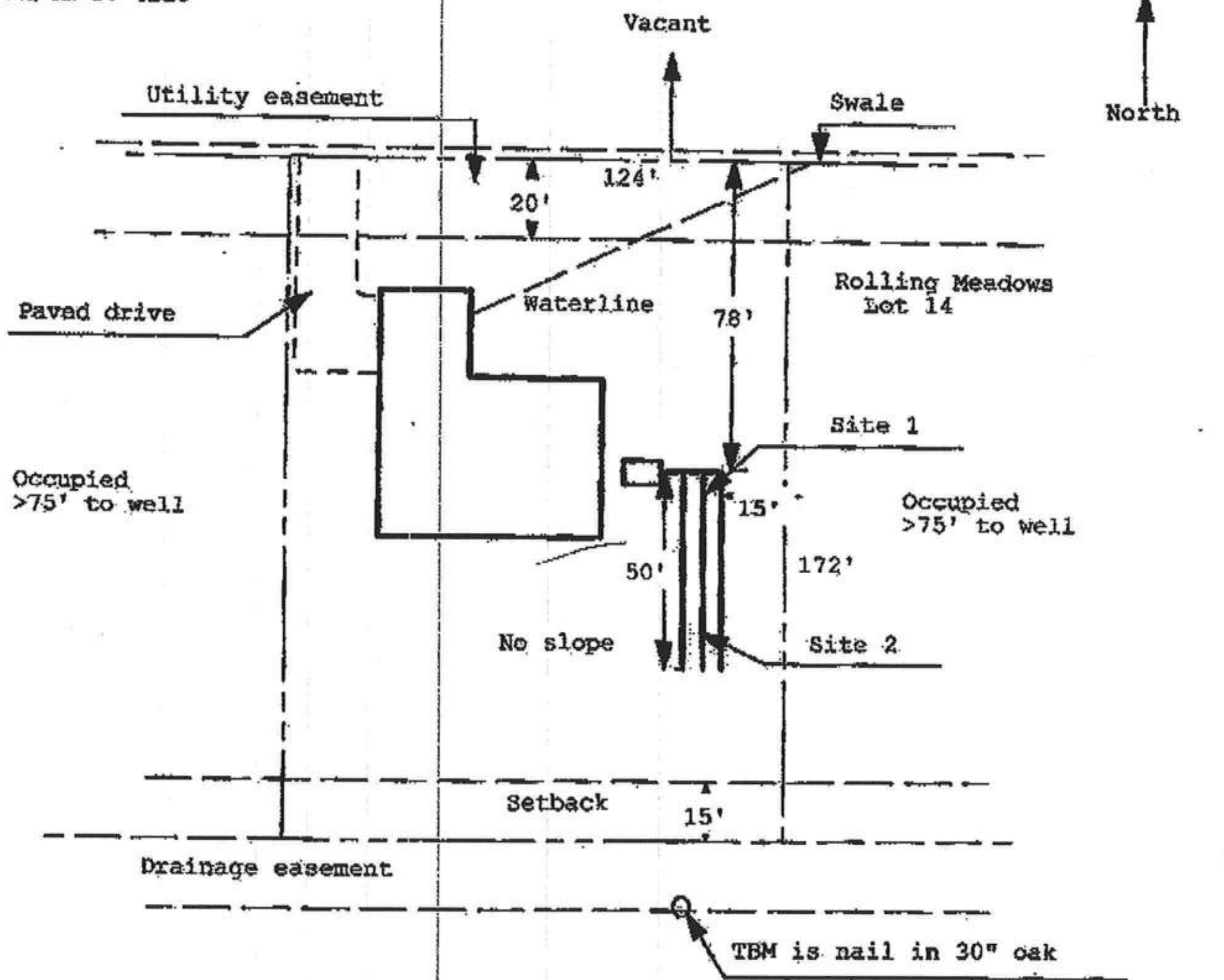
08-0123N

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

Permit Application Number: ____________________

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PAPKA/CR 07-4228



1 inch = 40 feet

Site Plan Submitted By ____________ **Date** 1/9/08

Plan Approved ✓ **Not Approved** ______ **Date** 1/29/08

By ____________ Columbia **CPHU**

Notes: ____________________

FORM 600A-2004R EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Adam's Framing & Construction - Lot 14**	Builder:	PADKA
Address:	**Lot: 14, Sub: Rolling Meadows, Plat:**	Permitting Office:	Columbia
City, State:	**Lake City, FL 32025-**	Permit Number:	27077
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)	2262 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 Area (Dble Default) 344.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 344.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=5.0, 283.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 2021.0 ft²	
b.	Frame, Wood, Adjacent	R=13.0, 178.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 2425.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 65.0 ft	
b.	N/A		
12.	Cooling systems		
a.	Central Unit	Cap: 51.0 kBtu/hr SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 51.0 kBtu/hr HSPF: 7.70	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 80.0 gallons EF: 0.92	
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: 0.15

Total as-built points: 30807
Total base points: 31947

PASS

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

PREPARED BY: _____

DATE: 1/15/08

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

OWNER/AGENT: _____

DATE: 1-15-08

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, 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	2262.0	18.59	7569.0	1.Double, Clear	W	1.5	9.0	54.0	38.52	0.97	2018.0	
				2.Double, Clear	W	11.5	9.0	72.0	38.52	0.47	1316.0	
				3.Double, Clear	S	8.5	9.0	20.0	35.87	0.53	379.0	
				4.Double, Clear	W	5.5	9.0	36.0	38.52	0.67	923.0	
				5.Double, Clear	W	1.5	9.0	4.0	38.52	0.97	149.0	
				6.Double, Clear	N	1.5	9.0	54.0	19.20	0.98	1011.0	
				7.Double, Clear	E	1.5	9.0	48.0	42.06	0.97	1957.0	
				8.Double, Clear	E	7.5	10.0	20.0	42.06	0.59	498.0	
				9.Double, Clear	S	1.5	9.0	16.0	35.87	0.94	541.0	
				10.Double, Clear	S	1.5	9.0	20.0	35.87	0.94	677.0	
				As-Built Total:				**344.0**			**9469.0**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	178.0	0.70	124.6	1. Frame, Wood, Exterior			13.0	2021.0	1.50		3031.5	
Exterior	2021.0	1.70	3435.7	2. Frame, Wood, Adjacent			13.0	178.0	0.60		106.8	
Base Total:	**2199.0**		**3560.3**	**As-Built Total:**				**2199.0**			**3138.3**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	20.0	2.40	48.0	1.Adjacent Insulated				20.0	1.60		32.0	
Exterior	0.0	0.00	0.0									
Base Total:	**20.0**		**48.0**	**As-Built Total:**				**20.0**			**32.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	2262.0	1.73	3913.3	1. Under Attic			30.0	2425.0	1.73 X 1.00		4195.3	
Base Total:	**2262.0**		**3913.3**	**As-Built Total:**				**2425.0**			**4195.3**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	283.0(p)	-37.0	-10471.0	1. Slab-On-Grade Edge Insulation			5.0	283.0(p	-36.20		-10244.6	
Raised	0.0	0.00	0.0									
Base Total:			**-10471.0**	**As-Built Total:**				**283.0**			**-10244.6**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	2262.0	10.21	23095.0					2262.0	10.21		23095.0	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 27714.6			**Summer As-Built Points:**					**29685.0**
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 51000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)					
			29685	1.00	(1.09 x 1.147 x 1.00)	0.260	0.950	9166.9
27714.6	**0.3250**	**9007.2**	**29685.0**	**1.00**	**1.250**	**0.260**	**0.950**	**9166.9**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, 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	2262.0	20.17	8212.0	1.Double, Clear	W	1.5	9.0	54.0	20.73	1.01	1128.0	
				2.Double, Clear	W	11.5	9.0	72.0	20.73	1.19	1779.0	
				3.Double, Clear	S	8.5	9.0	20.0	13.30	2.64	702.0	
				4.Double, Clear	W	5.5	9.0	36.0	20.73	1.11	827.0	
				5.Double, Clear	W	1.5	9.0	4.0	20.73	1.01	83.0	
				6.Double, Clear	N	1.5	9.0	54.0	24.58	1.00	1327.0	
				7.Double, Clear	E	1.5	9.0	48.0	18.79	1.02	916.0	
				8.Double, Clear	E	7.5	10.0	20.0	18.79	1.21	455.0	
				9.Double, Clear	S	1.5	9.0	16.0	13.30	1.02	217.0	
				10.Double, Clear	S	1.5	9.0	20.0	13.30	1.02	272.0	
				As-Built Total:				**344.0**			**7706.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	178.0	3.60	640.8	1. Frame, Wood, Exterior			13.0	2021.0	3.40		6871.4	
Exterior	2021.0	3.70	7477.7	2. Frame, Wood, Adjacent			13.0	178.0	3.30		587.4	
Base Total:	**2199.0**		**8118.5**	**As-Built Total:**				**2199.0**			**7458.8**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	20.0	11.50	230.0	1.Adjacent Insulated				20.0	8.00		160.0	
Exterior	0.0	0.00	0.0									
Base Total:	**20.0**		**230.0**	**As-Built Total:**				**20.0**			**160.0**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points	
Under Attic	2262.0	2.05	4637.1	1. Under Attic			30.0	2425.0	2.05 X 1.00		4971.3	
Base Total:	**2262.0**		**4637.1**	**As-Built Total:**				**2425.0**			**4971.3**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	283.0(p)	8.9	2518.7	1. Slab-On-Grade Edge Insulation			5.0	283.0(p	7.60		2150.8	
Raised	0.0	0.00	0.0									
Base Total:			**2518.7**	**As-Built Total:**				**283.0**			**2150.8**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	2262.0	-0.59	-1334.6					2262.0	-0.59		-1334.6	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**22381.7**	**Winter As-Built Points:**					**21112.3**
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(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0					
22381.7	**0.5540**	**12399.5**	21112.3 **21112.3**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.443 **0.443**	0.950 **0.950**	11099.8 **11099.8**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, 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	80.0	0.92	4	1.00	2635.00	1.00	10540.0
			As-Built Total:						**10540.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
9007	**12399**	**10540**	**31947**	**9167**	**11100**	**10540**	**30807**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.1

The higher the score, the more efficient the home.

Spec House, Lot: 14, 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)	2262 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 Area (Dble Default) 344.0 ft²	
b. SHGC: (or Clear or Tint DEFAULT)	7b.	(Clear) 344.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=5.0, 283.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 2021.0 ft²	
b. Frame, Wood, Adjacent		R=13.0, 178.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 2425.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 65.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 51.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 51.0 kBtu/hr	
	HSPF: 7.70	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 80.0 gallons	
	EF: 0.92	
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.

FLORIDA DEPARTMENT OF
Community Affairs

Product Approval
USER: Public User

FL #	FL1956-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐

Product Manufacturer	TAMKO Building Products, Inc.
Address/Phone/Email	PO Box 1404 Joplin, MO 64802 (800) 641-4691 ext 2394 fred_oconnor@tamko.com
Authorized Signature	Frederick O'Connor fred_oconnor@tamko.com
Technical Representative	Frederick J. O'Connor
Address/Phone/Email	PO Box 1404 Joplin, MO 64802 (800) 641-4691 fred_oconnor@tamko.com

Quality Assurance Representative Address/Phone/Email	
Category	Roofing
Subcategory	Asphalt Shingles
Compliance Method	Certification Mark or Listing
Certification Agency	Underwriters Laboratories Inc.

Referenced Standard and Year (of Standard)	**Standard**	**Year**
	ASTM D 3462	2001

Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	06/09/2005
Date Validated	06/20/2005
Date Pending FBC Approval	06/25/2005
Date Approved	06/29/2005

Summary of Products

FL #	Model, Number or Name	Description

3

slopes of 2:12 or greater. Not approved for use in HVHZ.	

Back Next

DCA Administration
Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

4

Underwriters Laboratories Inc.®

Northbrook Division
333 Pfingsten Road
Northbrook, IL 60062-2096 USA
www.ul.com
tel: 1 847 272 8800

June 17, 2005

Tamko Roofing Products
Ms. Kerri Eden
P.O. Box 1404
220 W. 4th Street
Joplin, MO 64802-1404

Our Reference: R2919

This is to confirm that "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage 50 AR", "Glass-Seal AR" manufactured at Tuscaloosa, AL and "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage XL AR", "Heritage 50 AR" manufactured at Frederick, MD and "Heritage 30 AR", "Heritage XL AR", and "Heritage 50 AR" manufactured in Dallas, TX are UL Listed asphalt glass mat shingles and have been evaluated in accordance with ANSI/UL 790, Class A (ASTM E108), ASTM D3462, ASTM D3161 or UL 997 modified to 110 mph when secured with four nails.

Let me know if you have any further questions.

Very truly yours,

Alpesh Patel (Ext. 42522)
Engineer Project
Fire Protection Division

Reviewed by,

Randall K. Laymon (Ext. 42687)
Engineer Sr Staff
Fire Protection Division

4

TAMKO BUILDING PRODUCTS

Application Instructions for

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS

LAMINATED ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING 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.

I. 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.

TAMKO does not recommend re-roofing over existing roof.

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. FASTENERS

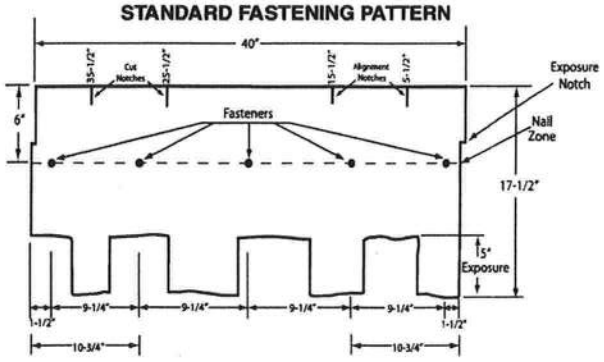
WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede 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, this will result in the termination of TAMKO's liabilities under the limited warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable miles per hour as stated in the limited warranty. See limited warranty for details.

FASTENING PATTERNS: Fasteners must be placed 6 in. from the top edge of the shingle located horizontally as follows:

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1-1/2 in. back from each end, one 10-3/4 in. back from each end and one 20 in. from one end of the shingle for a total of 5 fasteners. (See standard fastening pattern illustrated below).

STANDARD FASTENING PATTERN



2) Mansard or Steep Slope Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) Use standard nailing instructions with four additional nails placed 6 in. from the butt edge of the shingle making certain nails are covered by the next (successive) course of shingles.

(Continued)

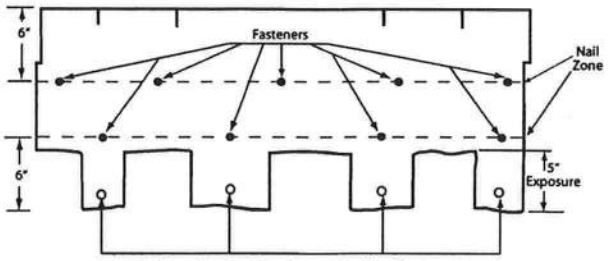
TAMKO BUILDING PRODUCTS

(CONTINUED from Pg. 1)

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

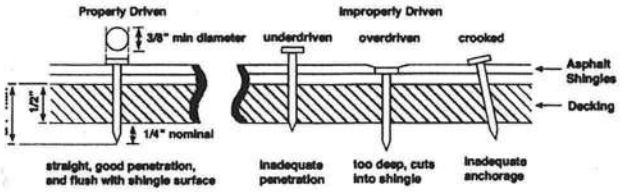
Each shingle tab must be sealed underneath with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a $.25 piece and applied to shingles with a 5 in. exposure, use 9 fasteners per shingle.

MANSARD FASTENING PATTERN



Apply under each tab 1" diameter asphalt adhesive cement.

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. into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.



4. UNDERLAYMENT

UNDERLAYMENT: An underlayment consisting of asphalt saturated felt must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles and leaks which are not covered by TAMKO's limited warranty. Apply the felt when the deck is dry. On roof decks 4 in. per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the underlayment felt may be adversely affected by moisture and weathering. Laying of the underlayment and the shingle application must be done together.

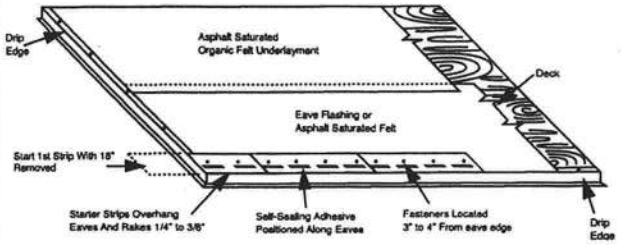
Products which are acceptable for use as underlayment are:

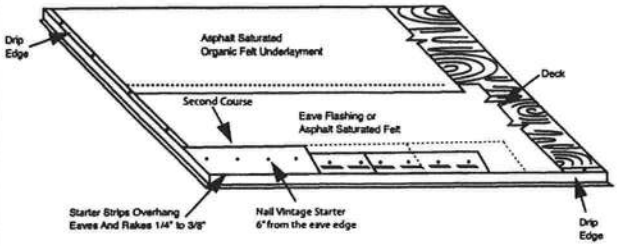
- TAMKO No. 15 Asphalt Saturated Organic Felt
- A non-perforated asphalt saturated organic felt which meets ASTM: D226, Type I or ASTM D4869, Type I
- Any TAMKO non-perforated asphalt saturated organic felt
- TAMKO TW Metal and Tile Underlayment, TW Underlayment and Moisture Guard Plus® (additional ventilation maybe required. Contact TAMKO's technical services department for more information)

In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus® waterproofing underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information.
TAMKO does not recommend the use of any substitute products as shingle underlayment.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: Two starter course layers must be applied prior to application of Heritage Vintage AR Shingles.
The first starter course may consist of TAMKO Shingle Starter, three tab self-sealing type shingles or a 9 inch wide strip of mineral surface roll roofing. If three tab self-sealing shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves. If using three tab self-sealing shingles or shingle starter, remove 18 in. from first shingle to offset the end joints of the Vintage Starter. Attach the first starter course with approved fasteners along a line parallel to and 3 in. to 4 in. above the eave edge. The starter course should overhang both the eave and rake edge 1/4 in. to 3/8 in. Over the first starter course, install Heritage Vintage Starter AR and begin at the left rake edge with a full size shingle and continue across the roof nailing the Heritage Vintage Starter AR along a line parallel to and 6 in. from the eave edge.





Note: Do not allow Vintage Starter AR joints to be visible between shingle tabs. Cutting of the starter may be required.

HERITAGE VINTAGE STARTER AR
12 1/2" x 36" 20 PIECES PER BUNDLE
60 LINEAL FT. PER BUNDLE

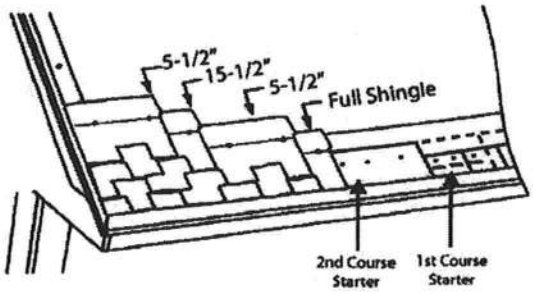
(Continued)

(CONTINUED from Pg. 2)

TAMKO BUILDING PRODUCTS

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

SHINGLE APPLICATION: Start the first course at the left rake edge with a full size shingle and overhang the rake edge 1/4 in. to 3/8 in.. To begin the second course, align the right side of the shingle with the 5-1/2 in. alignment notch on the first course shingle making sure to align the exposure notch. (See shingle illustration on next page) Cut the appropriate amount from the rake edge so the overhang is 1/4" to 3/8". For the third course, align the shingle with the 15-1/2 in. alignment notch at the top of the second course shingle, again being sure to align the exposure notch. Cut the appropriate amount from the rake edge. To begin the fourth course, align the shingle with the 5-1/2 in. alignment notch from the third course shingle while aligning the exposure notch. Cut the appropriate amount from the rake edge. Continue up the rake in as many rows as necessary using the same formula as outlined above. Cut pieces may be used to complete courses at the right side. As you work across the roof, install full size shingles taking care to align the exposure notches. Shingle joints should be no closer than 4 in.



6. LOW SLOPE APPLICATION
On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of underlayment. Begin by applying the underlayment in a 19 in. wide strip along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the laps of the entire underlayment to each other with plastic cement from eaves and rakes to a point of a least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

7. VALLEY APPLICATION
TAMKO recommends an open valley construction with Heritage Vintage AR shingles.

To begin, center a sheet of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment in the valley.

After the underlayment has been secured, install the recommended corrosion resistant metal (26 gauge galvanized metal or an equivalent) in the valley. Secure the valley metal to the roof deck. Overlaps should be 12" and cemented.

Following valley metal application; a 9" to 12" wide strip of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment should be applied along the edges of the metal valley flashing (max. 6" onto metal valley flashing) and on top of the valley underlayment. The valley will be completed with shingle application.

SHINGLE APPLICATION INSTRUCTIONS (OPEN VALLEY)

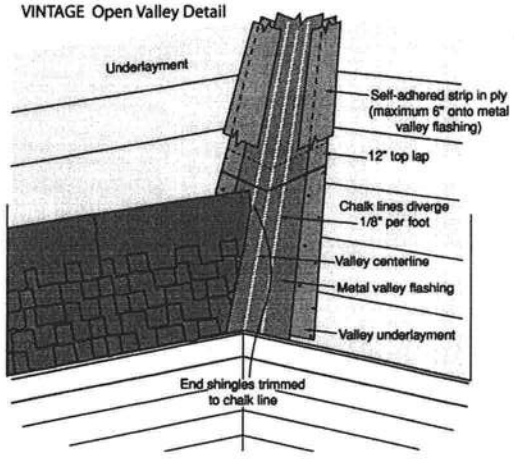
- Snap two chalk lines, one on each side of the valley centerline over the full length of the valley flashing. Locate the upper ends of the chalk lines 3" to either side of the valley centerline.
- The lower end should diverge from each other by 1/8" per foot. Thus, for an 8' long valley, the chalk lines should be 7" either side of the centerline at the eaves and for a 16' valley 8".

As shingles are applied toward the valley, trim the last shingle in each course to fit on the chalk line. Never use a shingle trimmed to less than 12" in length to finish a course running into a valley. If necessary, trim the adjacent shingle in the course to allow a longer portion to be used.

- Clip 1" from the upper corner of each shingle on a 45° angle to direct water into the valley and prevent it from penetrating between the courses.

- Form a tight seal by cementing the shingle to the valley lining with a 3" width of asphalt plastic cement (conforming to ASTM D 4586).

VINTAGE Open Valley Detail



• **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 BUILDING PRODUCTS

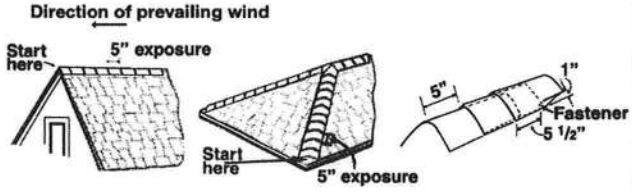
• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

8. 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 on each side, 5-1/2 in. back from the exposed end and 1 in. up from the edge. TAMKO recommends the use of TAMKO Heritage Vintage Hip & Ridge shingle products.

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

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



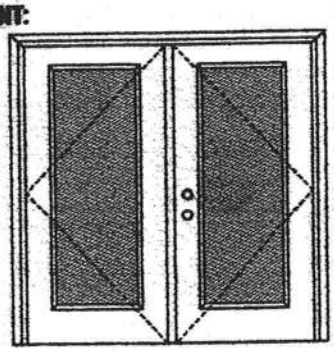
THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

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

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

Actual design pressure and impact 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-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

1/4 GLASS:


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.

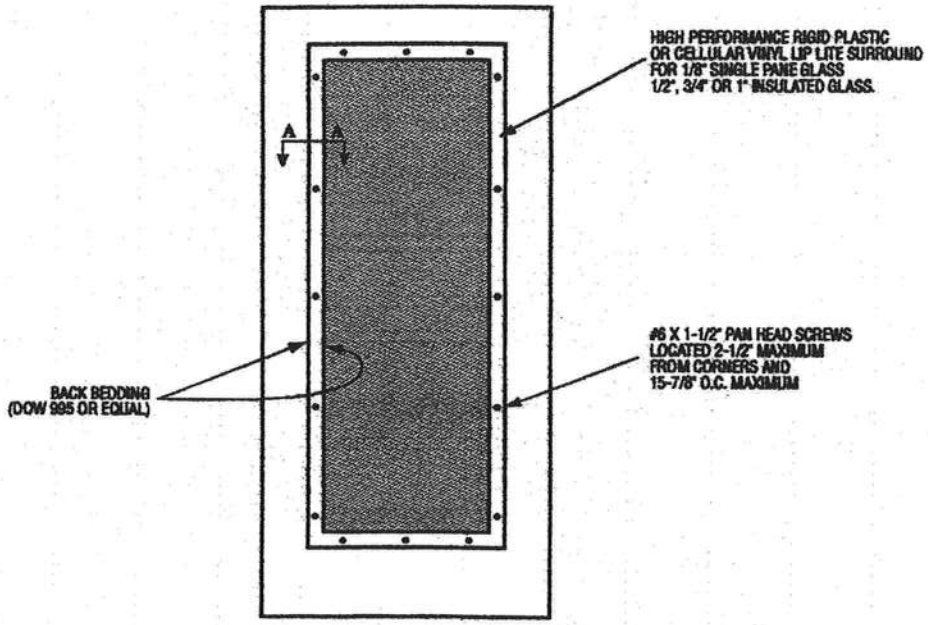
Johnson™ EntrySystems

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

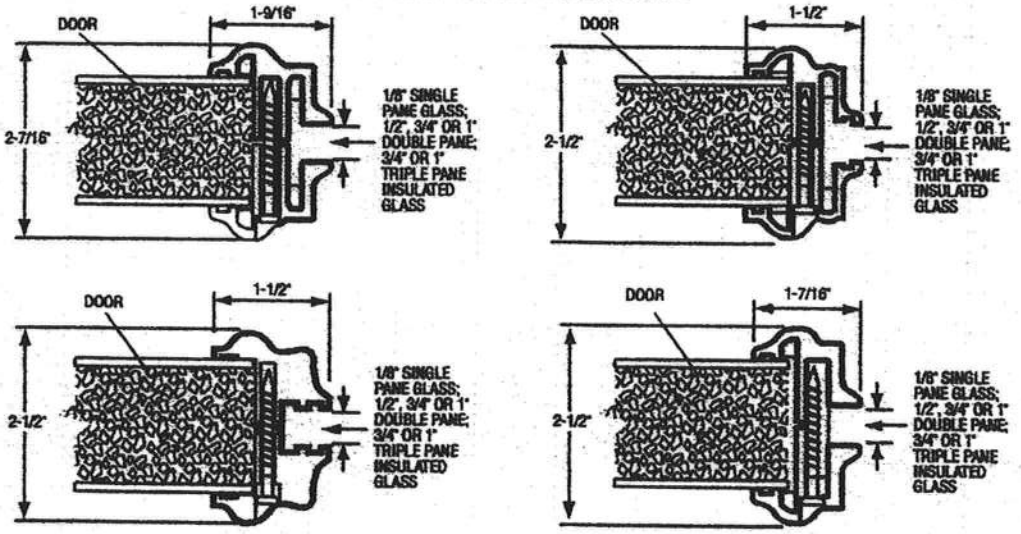
PREMDOR® Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A
TYPICAL RIGID PLASTIC LIP LITE SURROUND



XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

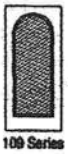
3/4 GLASS:

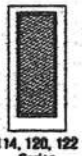

404 Series

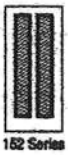

416 Series

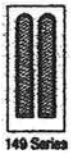

450 Series

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 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

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

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L Balthy

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

Johnson EntrySystems

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

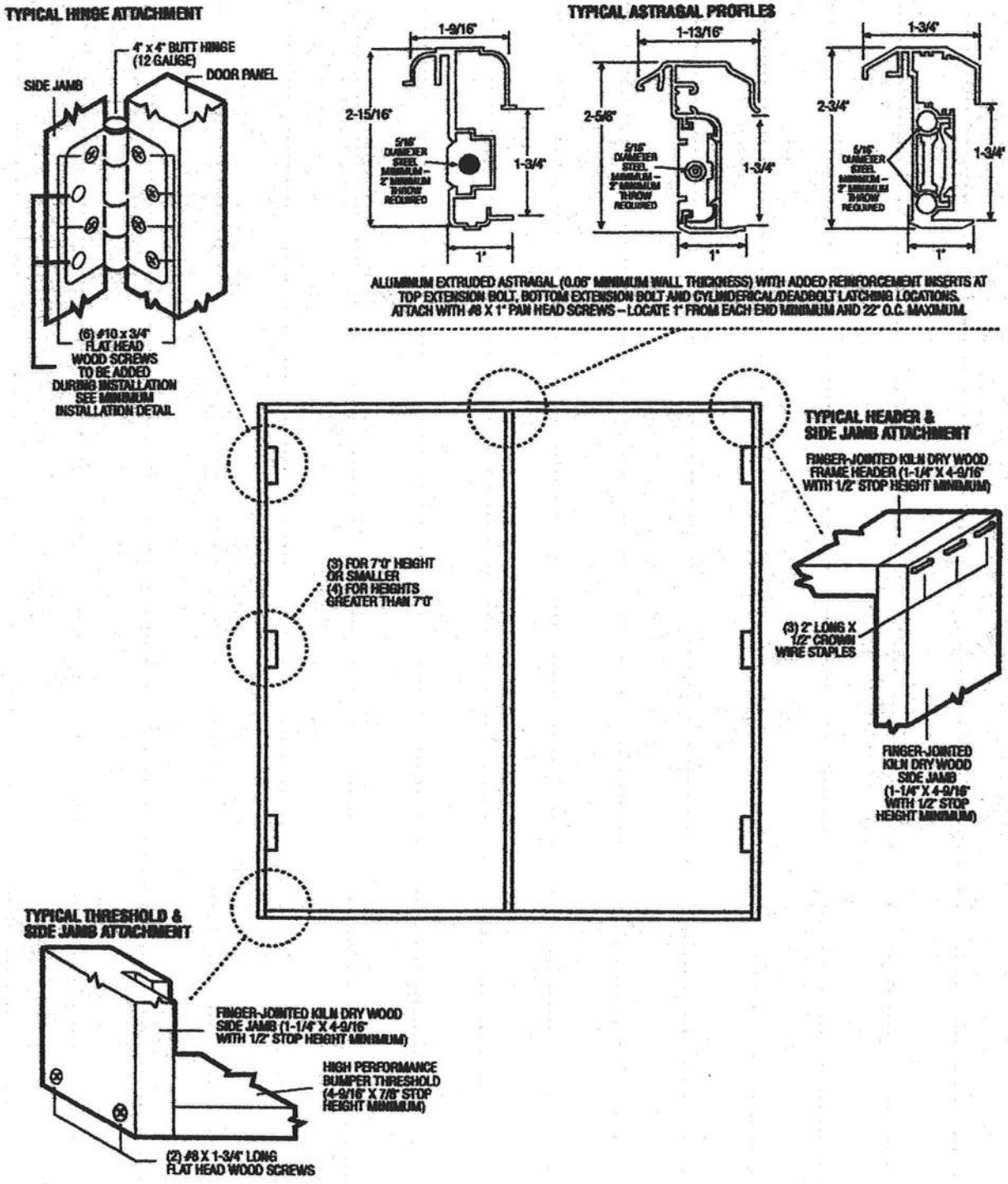
PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

XX
Unit

MAD-WL-MA0012-02

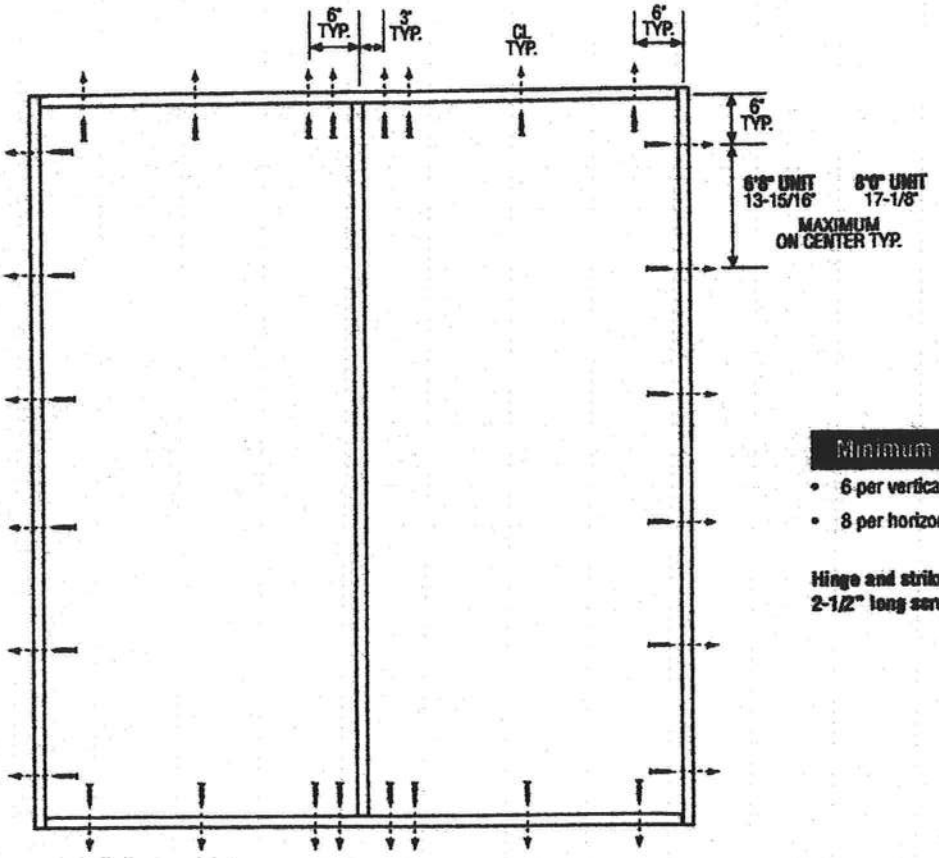
OUTSWING UNITS WITH DOUBLE DOOR



XX
Unit

MID-WL-MA0002-02

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 8 per horizontal framing member

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

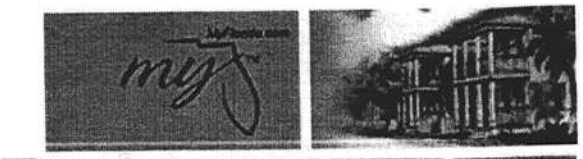
Latching Hardware:

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

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade Country approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

FLORIDA DEPARTMENT OF Community Affairs



DCA HOME | ABOUT DCA | DCA PROGRAMS | CONTACT DCA

BCIS Home | Log In | Hot Topics | Submit Surcharge | Stats & Facts | Publications | FBC Staff | BCIS Site Map | Links | Search

Community Affairs

- COMMUNITY PLANNING
- HOUSING & COMMUNITY DEVELOPMENT
- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY

Product Approval
USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL #	FL5108
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	MI Windows and Doors
Address/Phone/Email	650 W Market St Gratz, PA 17030 (717) 365-3300 ext 2101 surich@miwd.com
Authorized Signature	Steven Urich surich@miwd.com
Technical Representative Address/Phone/Email	
Quality Assurance Representative Address/Phone/Email	

(1) window

A·L·I
(Validator / Operations Administrator)

AAMA

AAMA CERTIFICATION PROGRAM

AUTHORIZATION FOR PRODUCT CERTIFICATION

MI Windows & Doors, Inc.
P.O. Box 370
Gratz, PA 17030-0370

Attn: Bill Emley

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

1. The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION	RECORD OF PRODUCT TESTED				LABEL ORDER NO.
AAMA/NWWDA 101/I.S. 2-97 H-R55*-36x62					
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED		
			FRAME	SASH	
MI Windows & Doors, Inc. (Oldsmar, FL) MI Windows & Doors, Inc. (Smyrna, TN)	MTL-8 MTL-9	185/3185 SH (Fin) (AL)(O/X)(OG) (ASTM)	3'0" x 5'2"	2'10" x 4'7"	By Request

2. This Certification will expire May 14, 2008 and requires validation until then by continued listing in the current AAMA Certified Products Directory.

3. Product Tested and Reported by: Architectural Testing, Inc.

   Report No.: 01-50360.02

   Date of Report: June 14, 2004

NOTE: PLEASE REVIEW, AND ADVISE ALI IMMEDIATELY IF DATA, AS SHOWN, NEEDS CORRECTION.

Date: August 1, 2005

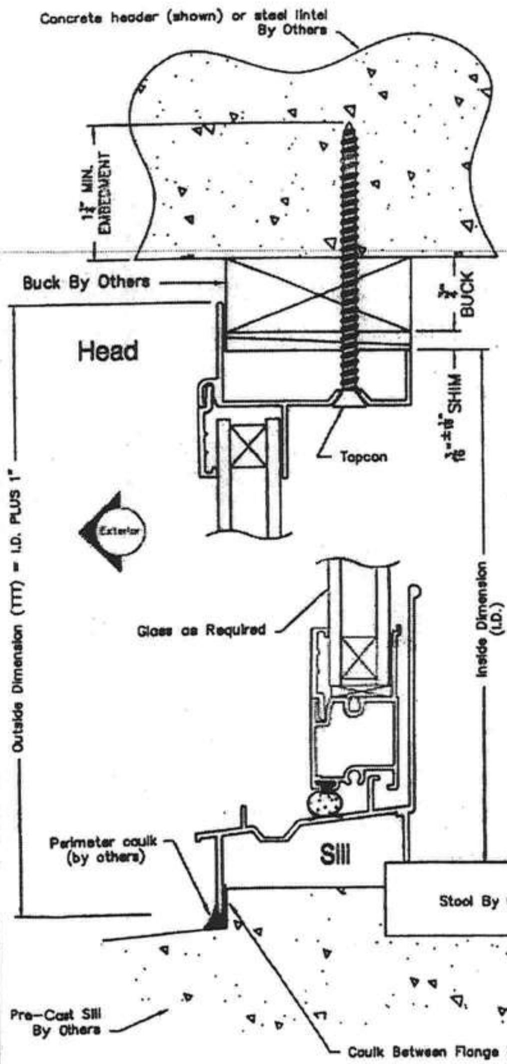
Validated for Certification:

Associated Laboratories, Inc.

Authorized for Certification:

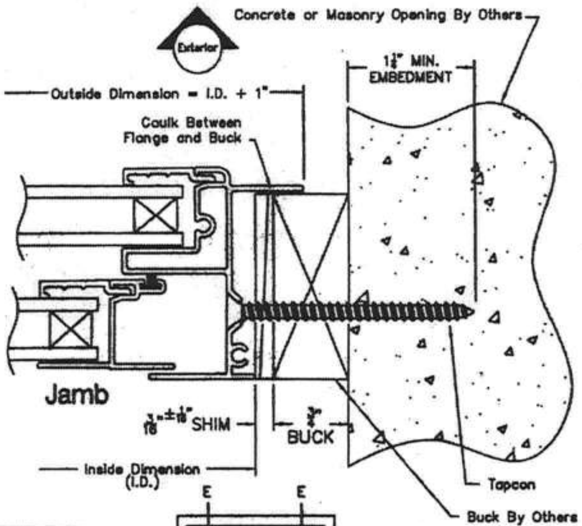
American Architectural Manufacturers Association

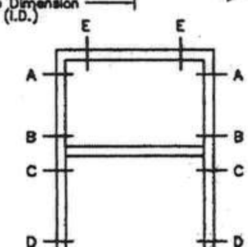
cc: AAMA
JGS/df
ACP-04 (Rev. 5/03)



"ONE BY" (3/4") BUCKS (SHOWN)

1. Before installation, caulk back of flange, or face of buck.
2. 3/16" dia. masonry Tapcon must be of a length to have 1 1/4" embedment into masonry or concrete.
3. Shim as required with load bearing shims at each installation anchor as shown.
4. All factory applied holes not designated for Tapcon anchor should be filled with #10 screws of sufficient length to provide min. 5/8" embedment into wood buck.
5. Letter designations on the Tapcon location chart indicate where anchors are to be installed using the elevation as a key.
6. If exact window size is not given, use anchor quantity for next larger window in chart.
7. For continuous head and sill twins & triples, use the same fastener schedule for each unit in the main frame except ignore the intermediate jamb.





"TWO BY" (1 1/2") BUCKS

"TWO BY" bucks are engineered and fastened to the masonry opening BY OTHERS.

Follow the same instructions and fastener requirements for "one by" bucks except use #10 screws of sufficient length for 1 1/4" minimum embedment into buck.

MI HOME PRODUCTS BetterBilt / Capitol

* TAPCON LOCATION CHART

CODE SIZE	WINDOW ID SIZE	FASTENER LOCATIONS		
		UP TO DP35	DP35.1 TO DP55	DP55.1 TO DP69.3
12	18 1/8 x 25	A, D & E	A, D & E	A, D & E
13	18 1/8 x 37 3/8	A, D & E	A, D & E	A, D & E
14	18 1/8 x 49 5/8	A, D & E	A, D & E	A, D & E
15	18 1/8 x 62	A, D & E	A, D & E	A, D & E
16	18 1/8 x 71	A, D & E	A, D & E	A, D & E
17	18 1/8 x 83	A, D & E	A, D & E	A, D & E
1/2 32	25 1/2 x 25	A, D & E	A, D & E	A, D & E
1/2 33	25 1/2 x 37 3/8	A, D & E	A, D & E	A, D & E
1/2 34	25 1/2 x 49 5/8	A, D & E	A, D & E	A, D & E
1/2 35	25 1/2 x 62	A, D & E	A, D & E	A, D & E
1/2 36	25 1/2 x 71	A, D & E	A, D & E	A, D & E
1/2 37	25 1/2 x 83	A, D & E	A, D & E	A, C, D & E
22	36 x 25	A, D & E	A, D & E	A, D & E
23	36 x 37 3/8	A, D & E	A, D & E	A, D & E
24	36 x 49 5/8	A, D & E	A, D & E	A, D & E
25	36 x 62	A, D & E	A, D & E	A, D & E
26	36 x 71	A, D & E	A, D & E	A, C, D & E
27	36 x 83	A, D & E	A, C, D & E	A, C, D & E
32	52 1/8 x 25	A, D & E	A, D & E	A, D & E
33	52 1/8 x 37 3/8	A, D & E	A, D & E	A, D & E
34	52 1/8 x 49 5/8	A, D & E	A, D & E	A, D & E
35	52 1/8 x 62	A, D & E	A, C, D & E	A, C, D & E
36	52 1/8 x 71	A, D & E	A, C, D & E	A, B, C, D & E
37	52 1/8 x 83	A, D & E	A, C, D & E	A, B, C, D & E
2040	23 3/8 x 47 5/8	A, D & E	A, D & E	A, D & E
2050	23 3/8 x 59 5/8	A, D & E	A, D & E	A, D & E
2060	23 3/8 x 71 5/8	A, D & E	A, D & E	A, D & E
2070	23 3/8 x 83 5/8	A, D & E	A, D & E	A, D & E
3040	35 3/8 x 47 5/8	A, D & E	A, D & E	A, D & E
3050	35 3/8 x 59 5/8	A, D & E	A, D & E	A, D & E
3060	35 3/8 x 71 5/8	A, D & E	A, D & E	A, C, D & E
3070	35 3/8 x 83 5/8	A, D & E	A, C, D & E	A, C, D & E
4040	47 3/8 x 47 5/8	A, D & E	A, D & E	A, D & E
4050	47 3/8 x 59 5/8	A, D & E	A, D & E	A, C, D & E
4060	47 3/8 x 71 5/8	A, D & E	A, C, D & E	A, C, D & E
4070	47 3/8 x 83 5/8	A, D & E	A, C, D & E	A, B, C, D & E
4450	51 3/8 x 59 5/8	A, D & E	A, D & E	A, C, D & E
4460	51. 3/8 x 71 5/8	A, D & E	A, C, D & E	A, B, C, D & E
4470	51 3/8 x 83 5/8	A, D & E	A, C, D & E	A, B, C, D & E

*"TAPCON" TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAWL, & SIMPSON

SYM	REVISION	DATE	BY
A	REMOVED SILL INSTALLATION ANCHOR SCREWS	7/16/04	BB

STATE OF FLORIDA
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789

MI HOME PRODUCTS
GRATZ, PA

TITLE: 185/3185 SINGLE HUNG FLANGE FRAME INSTALLATION DETAILS & FASTENER SCHEDULE

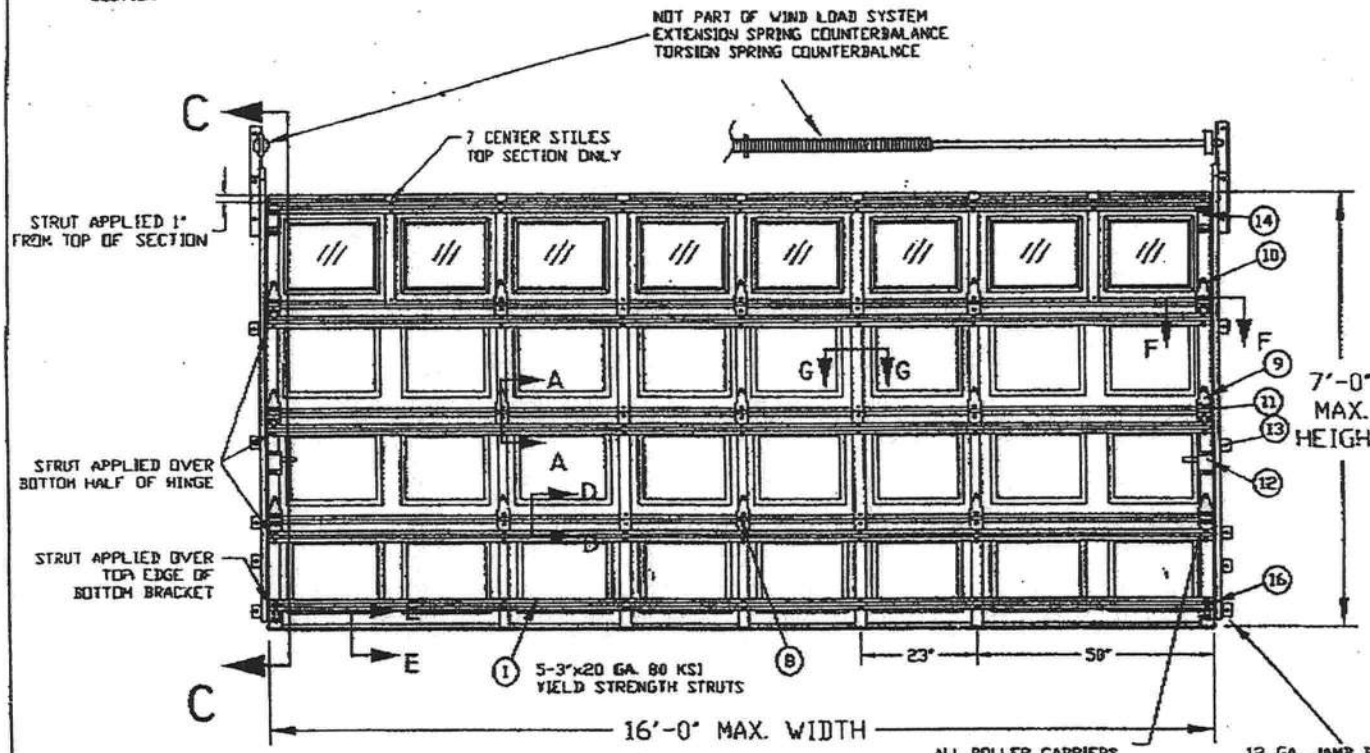
PREPARED BY: PTC Product Technology Corporation
Phone 407.422.6334 Fax 407.422.6335

DRN: DRL | DATE: 06/15/04
SCALE: N.T.S. | DWG. NO: MIHP0059
REV. LETTER: A | SHEET: 1 OF 1

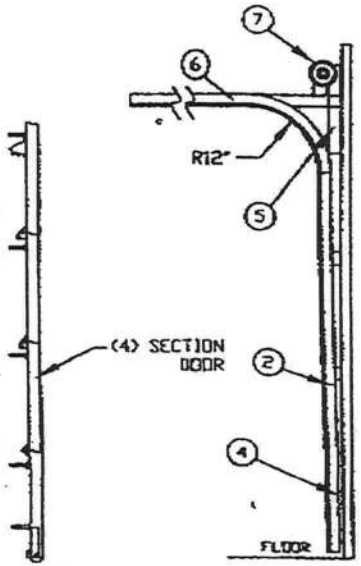
REV.	DATE	BY	DESCRIPTION
A- A	11-10-00	DW	SEE E.C.N. 831

NOTES:

1. TESTED TO POSITIVE AND NEGATIVE 20 PSF DESIGN AND POSITIVE AND NEGATIVE 30 PSF TEST PRESSURES PER ASTM E-330
2. MAXIMUM SECTION HEIGHT= 21"
3. SECTION HEIGHTS OF 21.00" AND 19.50" ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS.
4. WINDOWS MAY BE INSTALLED IN THE TOP SECTION (AS TESTED WITH 1/8" DSB GLASS OR EQUIVALENT) OR IN THE SECTION IMMEDIATELY BELOW THE TOP SECTION.
5. MINIMUM LENGTH OF ROLLER STEM IS 5½" (7" AS TESTED)
6. THE STRUT PLACEMENT ON DOOR MUST BE CONSISTENT WITH THE DOOR SHOWN.
7. STRUTS SECURED AT ALL LOCATIONS WITH TEK SCREWS.
8. QUANTITY OF SIDE LOCKS CAN BE 0,1, OR 2 AS TESTED.
9. ▲ DROP IN TYPE OF INSULATION IS OPTIONAL



INSIDE ELEVATION



SEC C-C

VERTICAL TRACK, (16 GA.)

12 GA. JAMB BRACKETS, MAXIMUM SPACING = 19-1/2" WITH LOWEST BRACKET APPROX. 3" FROM FLOOR, 2ND BRACKET NEAR THE HORIZONTAL ℄ OF THE BOTTOM SECTION, AND 3RD BRACKET NEAR THE TOP OF THE BOTTOM SECTION

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

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL PE No. 024280 WALTER R. MEYVAN

LISTED SBCCI PST & ESI

REPORT No. 2202

TEST REPORTS ON FILE: VIDEO 10/19/00 (80293)

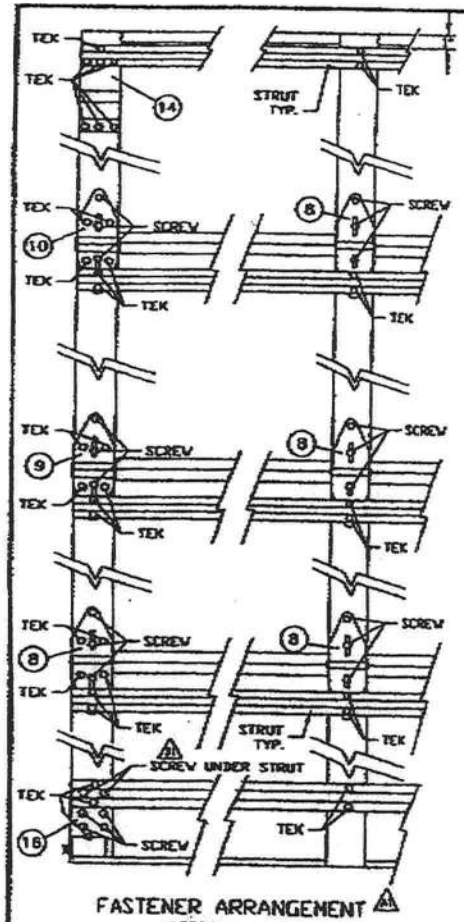
DESIGN LOAD +20.0 PSF & -20.0 PSF
TEST LOAD +30.0 PSF & -30.0 PSF

GADCO DOORS
SERIES 7400, EXTERIOR STEEL =.017 MIN (AS TESTED)
SERIES 7825, EXTERIOR STEEL =.019" MIN ▲
SERIES 7524, EXTERIOR STEEL =.024" MIN ▲
(TESTED WITH WINDOWS

MAXIMUM DOOR WIDTH	MAXIMUM DOOR HEIGHT	TYPICAL CTR. STILE SPACING	STRUTS 80 KSI SIZE	STRUTS 80 KSI QTY.	VERTICAL TRACK
16'	7'	23"	3"	5	2 IN.

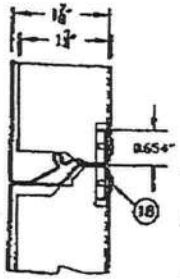
GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

SCALE: 1/2S | APPROVED BY: | DRAWN BY: R. WIEDMAN
DATE: 10-20-00 | REVISED: (A) 11-10-00
DESCRIPTION: 16' X 7' MAX. RAISED PANEL STEEL DOOR -WINDLOAD ±20 PSF
PART NUMBER: PAGE 1 OF 2 | DRAWING NUMBER: W13220-1

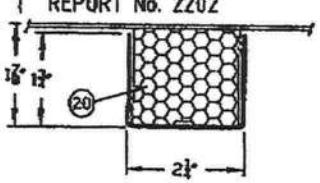


FASTENER ARRANGEMENT

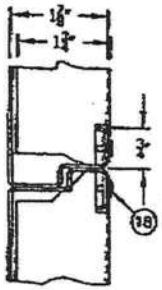
LISTED
SBCCI PST & ESI
REPORT No. 2202



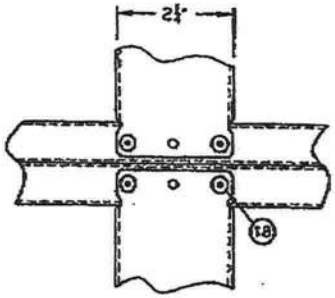
SEC D-D
PAN ATTACHMENT TO STILE (OPTIONAL)



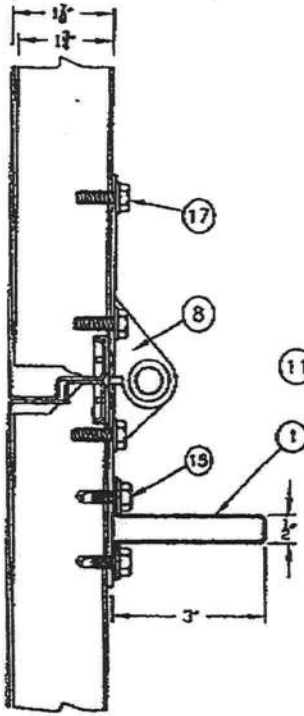
SEC G-G
CENTER STILE
20 GA. GALVANIZED



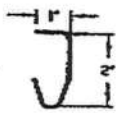
SEC D-D
PAN ATTACHMENT TO STILE (AS TESTED)



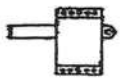
PAN ATTACHMENT TO STILE



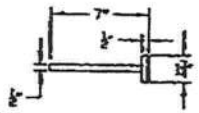
SEC A-A



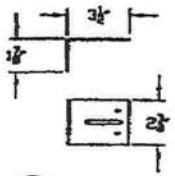
TRACK
16 GA. COSS MIN.



(12) SIDE LOCK



(11) ROLLER 10 BALLS



(4) #6 JAMB BRACKET

(1) 5-3"x20 GA. 80 KSI YIELD STRENGTH HEMMED STRUT APPLIED WITH 2 TEK SCREWS PER HINGE OR STILE LOCATION (14 PER STRUT, MINIMUM)

(17) 1/4-20 X 3/4 HEX WASHERHEAD SCREW

(15) 1/4-20 X 3/4 HWH TEK SCREW WITH #2 REDUCED POINT

REV.	DATE	BY	DESCRIPTION
A	11-27-00	DW	SEE ECN 836
B	12-1-00	DW	SEE ECN 838

ITEM	PART NO.	DESCRIPTION
23	3485	BOTTOM RAIL, 6063 T6 ALUM EXT.
22	1391	1/4"-20 X 5/8" RIBBED NECK SCREW
21	4044	1/4"-20 SERRATED FLANGE NUT
20		1 LB DENSITY FILLER BLOCK EPS
19		
18	4385	POP RIVET, 5/32" STEEL
17	4229	HEX WASHERHEAD SCREW 1/4"-20 X 3/4"
16	1399LHR	BOTTOM ROLLER BRACKET
15	0138	HWH TEK SCREW 1/4-20 X 3/4 W/ REDUCED PT.
14	3875	TOP SUPPORT BRACKET
13	4043	5/16" X 1-5/8" LAG SCREW
12	4718	SIDE LOCK
11	4306	LONG STEM ROLLER 2"
10	4203	ROLLER CARRIER HINGE #3 (14 GA)
9	4202	ROLLER CARRIER HINGE #2 (14 GA)
8	4201	ROLLER CARRIER HINGE #1 (14 GA)
7		COUNTER BALANCE (TORSION BAR & SPRINGS)
6		HORIZONTAL TRACK & ANGLE (16 GA)
5		VERTICAL FLAG ANGLE
4	4595-6	TRACK BRACKET #6 (12 GA)
3		
2		VERTICAL TRACK (16 GA)
1		3" HEMMED STRUT (20 GA) MIN. YIELD STR. 80KSI

GADCO
GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

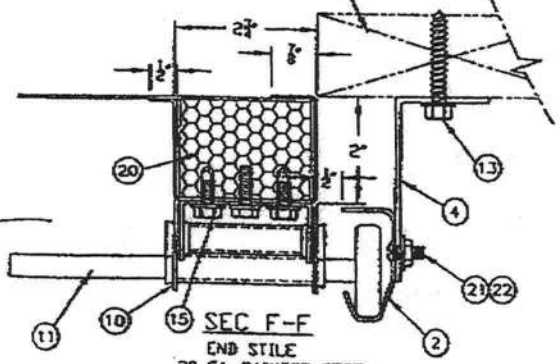
SCALE: NONE
DATE: 11-7-00
APPROVED BY:
DRAWN BY: D. VIEDMAN
REVISED: (B) 12-1-00

DESCRIPTION: 16' X 7' MAX. RAISED PANEL STEEL DOOR-WINDLOAD ±20 PSF

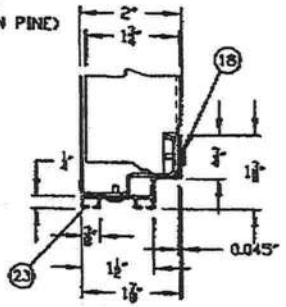
PAGE 2 OF 2
DRAWING NUMBER: WI3220-2

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

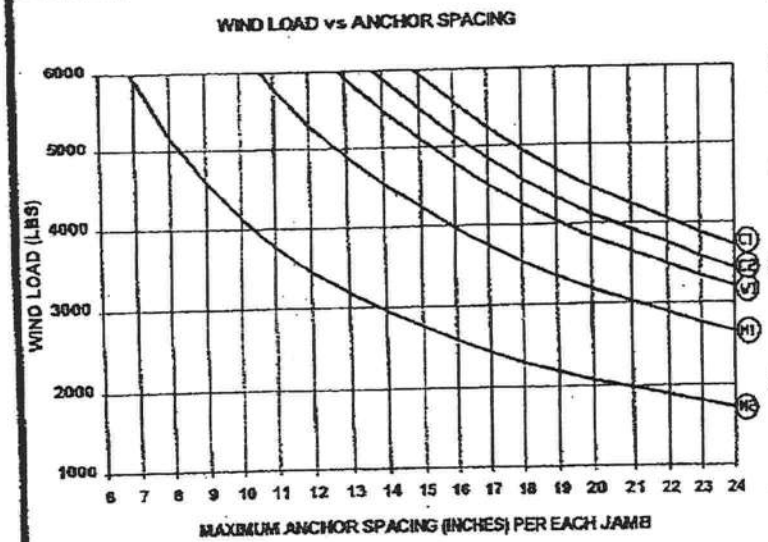
2x6 PRESSURE TREATED LUMBER (GRADE #2 OR BETTER SOUTHERN PINE)



SEC F-F
END STILE
20 GA. PAINTED STEEL



SEC E-E



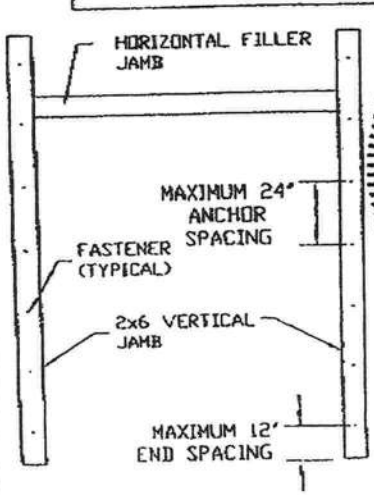
DESIGN LOAD $\frac{(LBS)}{FT^2}$ X GARAGE DOOR AREA(WIDTH-FT X HEIGHT-FT) = WIND LOAD(LBS)

EXAMPLE

$\frac{30\ LBS}{FT^2}$ X (16 FT WIDE X 8 FT HIGH) = 3840 LBS

- C1 USE 22" SPACING
- C2 USE 21" SPACING
- W1 USE 19" SPACING
- M1 USE 16" SPACING
- M2 USE 10" SPACING

SEE NOTE 11 FOR ADDITIONAL REQUIRED 2X6 WOOD JAMB ANCHORS



NORTH CAROLINA PROFESSIONAL SEAL PE No. 024280 ENGINEER NASER R KEYVAN

NASER R KEYVAN 23774 STATE OF FLORIDA PROFESSIONAL ENGINEER

3/8/2002

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

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

NOTES:

1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.

2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION: SSTD 10," CURRENT EDITION.

3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.

4) WOOD FRAME BUILDINGS: STUDS AT EACH SIDE OF DOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2X6 PRESSURE TREATED SOUTHERN PINE (#2 GRADE OR BETTER) WALL STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.

5) REINFORCED CMU OR CONCRETE: 2X6 WOOD JAMB SHALL BE ANCHORED TO SOLIDLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2150 PSI; GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI; REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.

6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.

7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM 3" EDGE DISTANCE FROM ALL EDGES OF CONCRETE OR CONCRETE MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM SPACING OF 3-3/4"

8) LAG SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE 2X6 WALL STUDS.

9) WASHERS ARE REQUIRED ON ALL FASTENERS.

10) THE WIND LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.

11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS, ADD AN ADDITIONAL 2X6 WOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.

GADCO®

GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

SCALE: NONE	APPROVED BY:	DRAWN BY: DW
DATE: 8-30-99		REVISED

DESCRIPTION: JAMB TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS

MASTER DRAWING NUMBER: A10560 DRAWING NUMBER:

Residential System Sizing Calculation

Summary

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

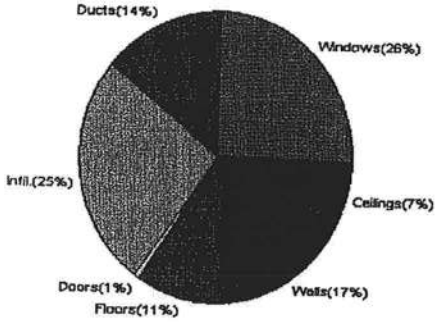
1/14/2008

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**43283**	**Btuh**	**Total cooling load calculation**	**58849**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	117.8	51000	Sensible (SHR = 0.75)	81.3	38250
Heat Pump + Auxiliary(0.0kW)	117.8	51000	Latent	107.8	12750
			Total (Electric Heat Pump)	86.7	51000

WINTER CALCULATIONS

Winter Heating Load (for 2262 sqft)

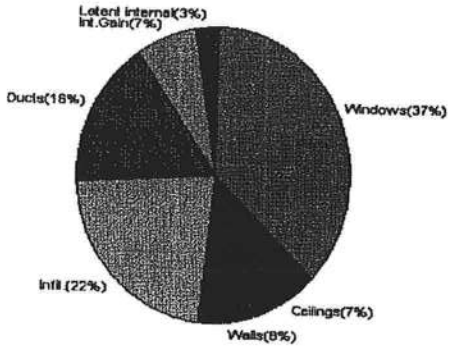
Load component			Load	
Window total	344	sqft	11073	Btuh
Wall total	2199	sqft	7222	Btuh
Door total	20	sqft	259	Btuh
Ceiling total	2425	sqft	2857	Btuh
Floor total	283	sqft	4628	Btuh
Infiltration	271	cfm	10995	Btuh
Duct loss			6248	Btuh
Subtotal			**43283**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**43283**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2262 sqft)

Load component			Load	
Window total	344	sqft	21727	Btuh
Wall total	2199	sqft	4484	Btuh
Door total	20	sqft	196	Btuh
Ceiling total	2425	sqft	4016	Btuh
Floor total			0	Btuh
Infiltration	238	cfm	4420	Btuh
Internal gain			4240	Btuh
Duct gain			7944	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**47027**	**Btuh**
Latent gain(ducts)			1543	Btuh
Latent gain(infiltration)			8680	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1600	Btuh
Total latent gain			**11822**	**Btuh**
TOTAL HEAT GAIN			**58849**	**Btuh**



Powered by MANUAL J

Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 1/15/08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

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

1/14/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	54.0	32.2	1738 Btuh
2	2, Clear, Metal, 0.87	W	72.0	32.2	2318 Btuh
3	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	W	36.0	32.2	1159 Btuh
5	2, Clear, Metal, 0.87	W	4.0	32.2	129 Btuh
6	2, Clear, Metal, 0.87	N	54.0	32.2	1738 Btuh
7	2, Clear, Metal, 0.87	E	48.0	32.2	1545 Btuh
8	2, Clear, Metal, 0.87	E	20.0	32.2	644 Btuh
9	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
10	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
	Window Total		344(sqft)		11073 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2021	3.3	6637 Btuh
2	Frame - Wood - Adj(0.09)	13.0	178	3.3	585 Btuh
	Wall Total		2199		7222 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		20		259Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2425	1.2	2857 Btuh
	Ceiling Total		2425		2857Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	283.0 ft(p)	16.4	4628 Btuh
	Floor Total		283		4628 Btuh
			Envelope Subtotal:		26040 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.80	20358	2199	271.4
					10995 Btuh
Ductload				(DLM of 0.169)	6248 Btuh
All Zones			**Sensible Subtotal All Zones**		**43283 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

1/14/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	43283 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	43283 Btuh

EQUIPMENT

1. Electric Heat Pump	#	51000 Btuh

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

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System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

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

1/14/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	54.0	32.2	1738 Btuh
2	2, Clear, Metal, 0.87	W	72.0	32.2	2318 Btuh
3	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	W	36.0	32.2	1159 Btuh
5	2, Clear, Metal, 0.87	W	4.0	32.2	129 Btuh
6	2, Clear, Metal, 0.87	N	54.0	32.2	1738 Btuh
7	2, Clear, Metal, 0.87	E	48.0	32.2	1545 Btuh
8	2, Clear, Metal, 0.87	E	20.0	32.2	644 Btuh
9	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
10	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
	Window Total		344(sqft)		11073 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2021	3.3	6637 Btuh
2	Frame - Wood - Adj(0.09)	13.0	178	3.3	585 Btuh
	Wall Total		2199		7222 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		20		259Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2425	1.2	2857 Btuh
	Ceiling Total		2425		2857Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	283.0 ft(p)	16.4	4628 Btuh
	Floor Total		283		4628 Btuh
			Zone Envelope Subtotal:		26040 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	20358	2199 271.4	10995 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.169)				6248 Btuh
Zone #1			**Sensible Zone Subtotal**		**43283 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

1/14/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	43283 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	43283 Btuh

EQUIPMENT

1. Electric Heat Pump	#	51000 Btuh

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

Version 8
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System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/14/2008

Component Loads for Whole House

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	54.0	0.0	54.0	29	80	4294 Btuh
2	2, Clear, 0.87, None,N,N	W	11.5f	9ft.	72.0	72.0	0.0	29	80	2085 Btuh
3	2, Clear, 0.87, None,N,N	S	8.5ft	9ft.	20.0	20.0	0.0	29	34	579 Btuh
4	2, Clear, 0.87, None,N,N	W	5.5ft	9ft.	36.0	9.4	26.6	29	80	2388 Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	4.0	0.0	4.0	29	80	318 Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	54.0	0.0	54.0	29	29	1564 Btuh
7	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	48.0	0.0	48.0	29	80	3817 Btuh
8	2, Clear, 0.87, None,N,N	E	7.5ft	10ft.	20.0	4.9	15.1	29	80	1343 Btuh
9	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	16.0	16.0	0.0	29	34	463 Btuh
10	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	20.0	20.0	0.0	29	34	579 Btuh
	Excursion									4296 Btuh
	Window Total				344 (sqft)					21727 Btuh

	Type	R-Value/U-Value	Area(sqft)	HTM	Load
Walls					
1	Frame - Wood - Ext	13.0/0.09	2021.0	2.1	4215 Btuh
2	Frame - Wood - Adj	13.0/0.09	178.0	1.5	269 Btuh
	Wall Total		2199 (sqft)		4484 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Adjacent		20.0	9.8	196 Btuh
	Door Total		20 (sqft)		196 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2425.0	1.7	4016 Btuh
	Ceiling Total		2425 (sqft)		4016 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	283 (ft(p))	0.0	0 Btuh
	Floor Total		283.0 (sqft)		0 Btuh

					Envelope Subtotal:		30423 Btuh
Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)		CFM=	Load
	SensibleNatural	0.70	20358	2199		271.4	4420 Btuh
Internal gain		Occupants	Btuh/occupant			Appliance	Load
		8	X 230	+		2400	4240 Btuh
					Sensible Envelope Load:		39083 Btuh
Duct load					(DGM of 0.203)		7944 Btuh
					Sensible Load All Zones		**47027 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

1/14/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**39083 Btuh**
	Sensible Duct Load	7944 Btuh
	Total Sensible Zone Loads	**47027 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**47027 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	8680 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1543 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**11822 Btuh**
	TOTAL GAIN	**58849 Btuh**

EQUIPMENT

1. Central Unit	#	51000 Btuh

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

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/14/2008

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Overhang Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	HTM Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	54.0	0.0	54.0	29	80	4294 Btuh
2	2, Clear, 0.87, None,N,N	W	11.5f	9ft.	72.0	72.0	0.0	29	80	2085 Btuh
3	2, Clear, 0.87, None,N,N	S	8.5ft	9ft.	20.0	20.0	0.0	29	34	579 Btuh
4	2, Clear, 0.87, None,N,N	W	5.5ft	9ft.	36.0	9.4	26.6	29	80	2388 Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	4.0	0.0	4.0	29	80	318 Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	54.0	0.0	54.0	29	29	1564 Btuh
7	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	48.0	0.0	48.0	29	80	3817 Btuh
8	2, Clear, 0.87, None,N,N	E	7.5ft	10ft.	20.0	4.9	15.1	29	80	1343 Btuh
9	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	16.0	16.0	0.0	29	34	463 Btuh
10	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	20.0	20.0	0.0	29	34	579 Btuh
	Window Total				344 (sqft)					17430 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2021.0	2.1	4215 Btuh
2	Frame - Wood - Adj	13.0/0.09	178.0	1.5	269 Btuh
	Wall Total		2199 (sqft)		4484 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
	Door Total	20 (sqft)		196 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2425.0	1.7	4016 Btuh
	Ceiling Total		2425 (sqft)		4016 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	283 (ft(p))	0.0	0 Btuh
	Floor Total		283.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		26126 Btuh
Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=
	SensibleNatural	0.70	20358	2199	237.5
					Load 4420 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance
		8	X 230	+	2400
					Load 4240 Btuh
			Sensible Envelope Load:		34787 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.203)	7071 Btuh
			Sensible Zone Load		**41857 Btuh**

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

Windows		
	July excursion for System 1	4296 Btuh
	Excursion Subtotal:	4296 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

1/14/2008

Duct load		
		873 Btuh
	Sensible Excursion Load	**5170 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

Code Only
Professional Version
Climate: North

1/14/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**39083 Btuh**
	Sensible Duct Load	7944 Btuh
	Total Sensible Zone Loads	**47027 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**47027 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	8680 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1543 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**11822 Btuh**
	TOTAL GAIN	**58849 Btuh**

EQUIPMENT

1. Central Unit	#	51000 Btuh

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

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Spec House

Lake City, FL 32025-

Project Title:
Adam's Framing & Construction - Lot 14

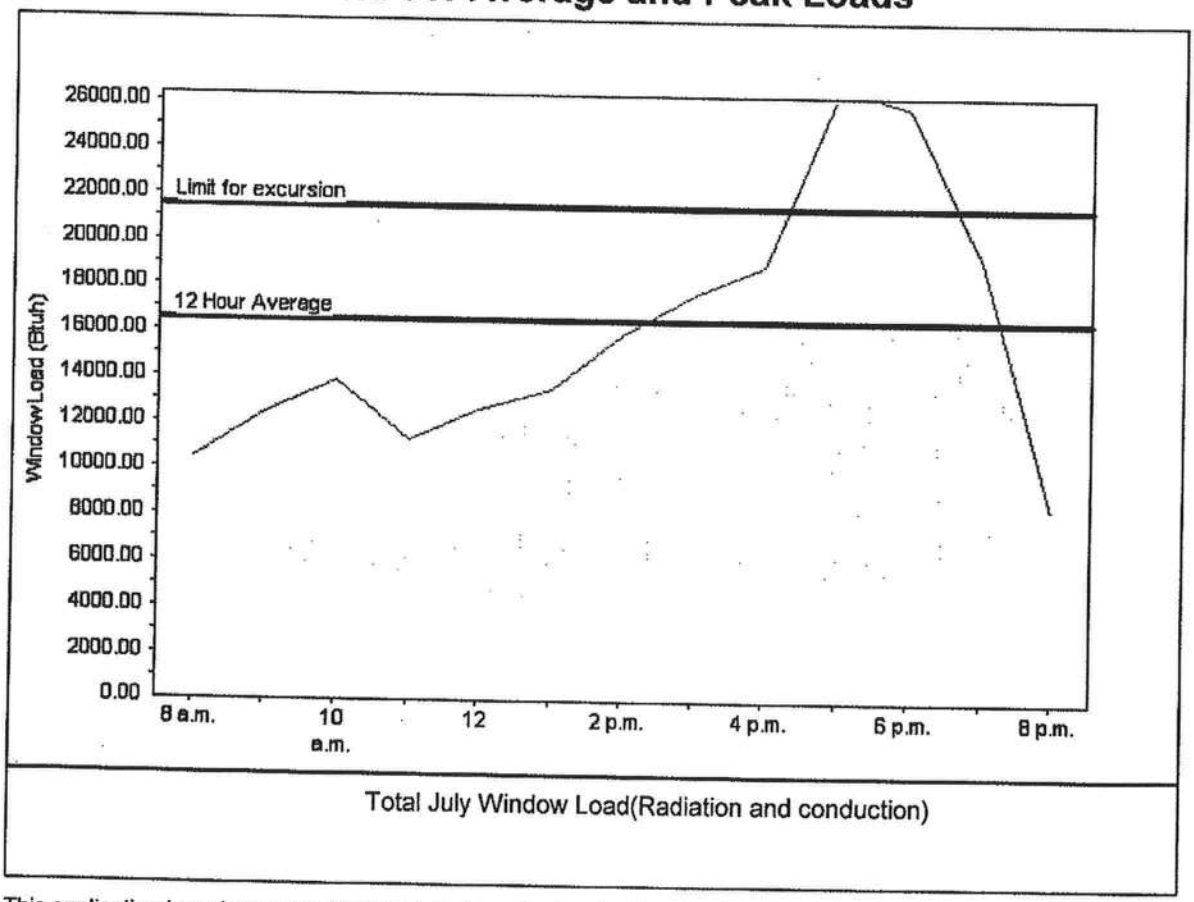
Code Only
Professional Version
Climate: North

1/14/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	16544 Btu
Summer setpoint	75 F	Peak window load for July	26707 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	21507 Btu
Latitude	29 North	Window excursion (July)	5200 Btuh

WINDOW Average and Peak Loads



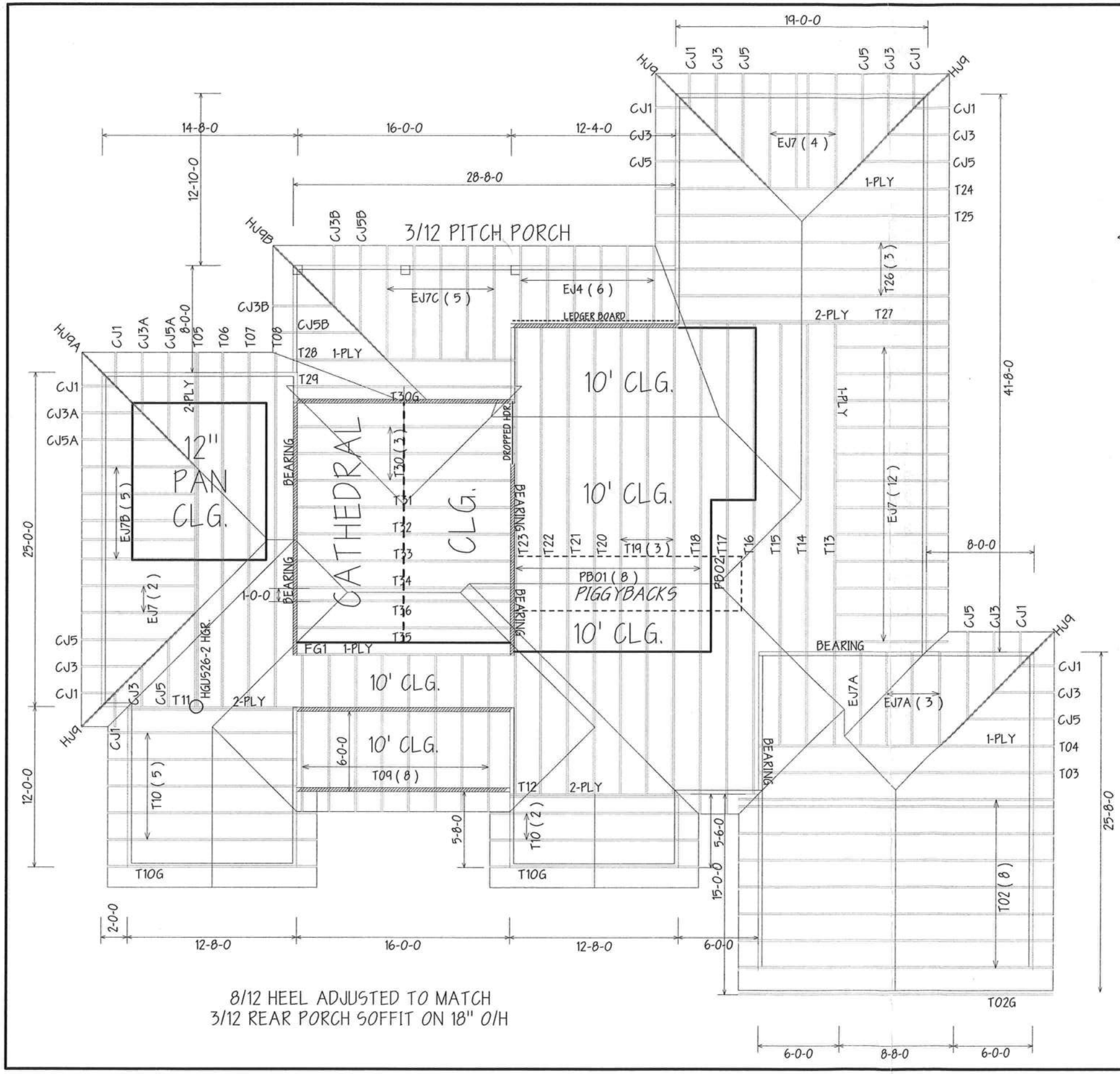
Total July Window Load(Radiation and conduction)

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

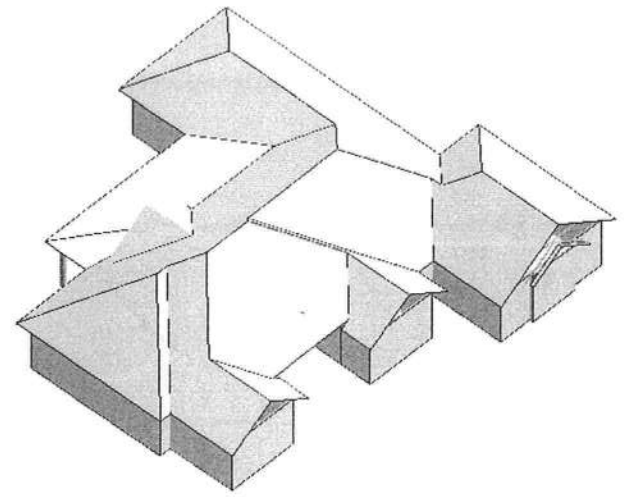
EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____



8/12 HEEL ADJUSTED TO MATCH
3/12 REAR PORCH SOFFIT ON 18" O/H



8/12 PITCH
1'6" O/H

BEARING HEIGHT SCHEDULE

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

HANGER SCHEDULE

19 - HTU26
1 - HGUS26-2

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 V10S 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 HTU26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.
8) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

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: ADAMS FRAMING
LEGAL ADDRESS: LOT 14 ROLLING MEADOWS
MODEL: CUSTOM
REVISION:
SCALE: NTS
DATE: 1-8-08
DRAWN BY: K.L.H.
JOB #: L265307

Builders FirstSource

0801-74

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER January 10, 2008

Project Information for: L265307

Builder: Adams Framing and Construction, LLC
Lot : 14
Subdivision: Rolling Meadows
County: Columbia
Truss Count: 57
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

Truss Design Load Information:

Gravity: **Wind:**

Roof (psf): 42.0 Wind Standard: ASCE 7-02 Wind Exposure: B
Floor (psf): N/A Wind Speed (mph): 110

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

Contractor of Record, responsible for structural engineering:
Adam R. Papka Florida License No. CBC1253409
Address: P.O. Box 1921 Lake City, Florida 32056

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

Notes:

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

No.	Drwg. #	Truss ID	Date	No.	Drwg. #	Truss ID	Date	No.	Drwg. #	Truss ID	Date
1	J1924670	CJ1	1/10/08	29	J1924698	T10	1/10/08	57	J1924726	T36	1/10/08
2	J1924671	CJ3	1/10/08	30	J1924699	T10G	1/10/08				
3	J1924672	CJ3A	1/10/08	31	J1924700	T11	1/10/08				
4	J1924673	CJ3B	1/10/08	32	J1924701	T12	1/10/08				
5	J1924674	CJ5	1/10/08	33	J1924702	T13	1/10/08				
6	J1924675	CJ5A	1/10/08	34	J1924703	T14	1/10/08				
7	J1924676	CJ5B	1/10/08	35	J1924704	T15	1/10/08				
8	J1924677	EJ4	1/10/08	36	J1924705	T16	1/10/08				
9	J1924678	EJ7	1/10/08	37	J1924706	T17	1/10/08				
10	J1924679	EJ7A	1/10/08	38	J1924707	T18	1/10/08				
11	J1924680	EJ7B	1/10/08	39	J1924708	T19	1/10/08				
12	J1924681	EJ7C	1/10/08	40	J1924709	T20	1/10/08				
13	J1924682	FG1	1/10/08	41	J1924710	T21	1/10/08				
14	J1924683	HJ9	1/10/08	42	J1924711	T22	1/10/08				
15	J1924684	HJ9A	1/10/08	43	J1924712	T23	1/10/08				
16	J1924685	HJ9B	1/10/08	44	J1924713	T24	1/10/08				
17	J1924686	PB01	1/10/08	45	J1924714	T25	1/10/08				
18	J1924687	PB02	1/10/08	46	J1924715	T26	1/10/08				
19	J1924688	T01G	1/10/08	47	J1924716	T27	1/10/08				
20	J1924689	T02	1/10/08	48	J1924717	T28	1/10/08				
21	J1924690	T02G	1/10/08	49	J1924718	T29	1/10/08				
22	J1924691	T03	1/10/08	50	J1924719	T30	1/10/08				
23	J1924692	T04	1/10/08	51	J1924720	T30G	1/10/08				
24	J1924693	T05	1/10/08	52	J1924721	T31	1/10/08				
25	J1924694	T06	1/10/08	53	J1924722	T32	1/10/08				
26	J1924695	T07	1/10/08	54	J1924723	T33	1/10/08				
27	J1924696	T08	1/10/08	55	J1924724	T34	1/10/08				
28	J1924697	T09	1/10/08	56	J1924725	T35	1/10/08				

	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ1	JACK	10	1	J1924670
					Job Reference (optional)

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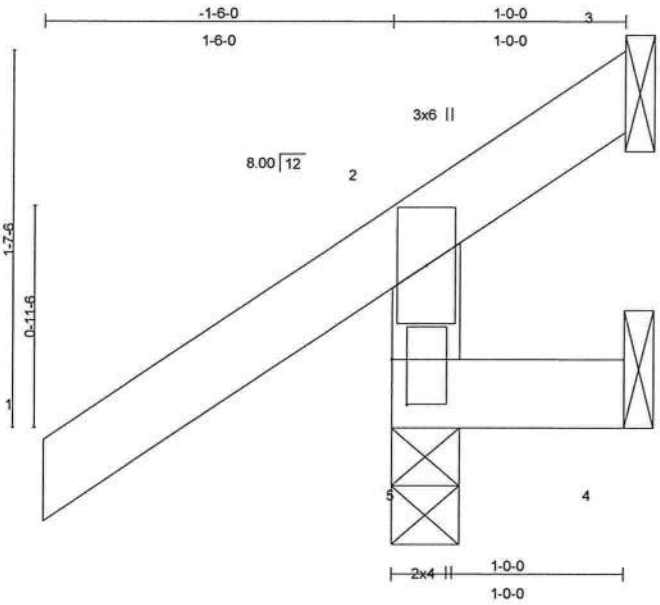

Scale = 1:9.3

Plate Offsets (X,Y): [5:0-2-5,0-0-13]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	0.00	5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	0.00	5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 7 lb	

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

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

REACTIONS (lb/size) 5=203/0-3-8, 4=-16/Mechanical, 3=-44/Mechanical
Max Horz 5=97(load case 6)
Max Uplift 5=-150(load case 6), 4=-16(load case 1), 3=-44(load case 1)
Max Grav 5=203(load case 1), 4=7(load case 2), 3=41(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-5=-178/192, 1-2=0/49, 2-3=-50/27
BOT CHORD 4-5=0/0

JOINT STRESS INDEX
2 = 0.25 and 5 = 0.22

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1303 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ1	JACK	10	1	J1924670 Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 150 lb uplift at joint 5, 16 lb uplift at joint 4 and 44 lb uplift at joint 3.

LOAD CASE(S) Standard

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

January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ3	JACK	8	1	J1924671
					Job Reference (optional)

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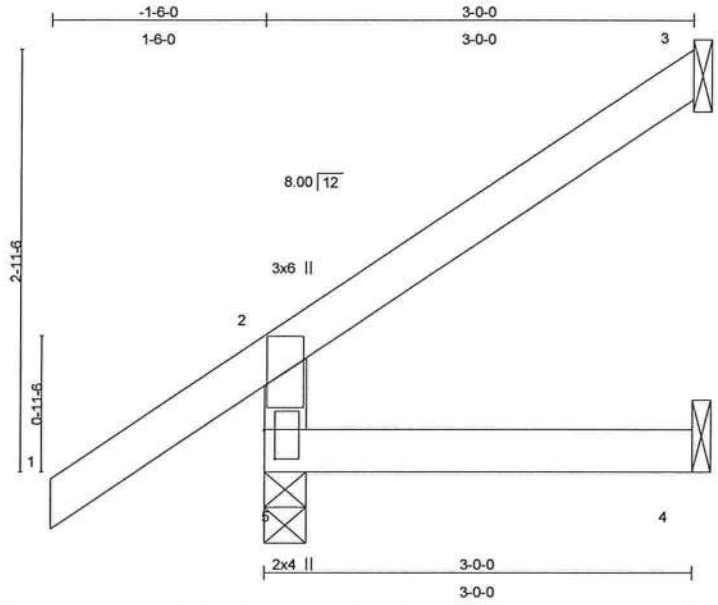

Scale = 1:15.2

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.00	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.00	4-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.01	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
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 5=204/0-3-8, 3=53/Mechanical, 4=10/Mechanical
Max Horz 5=173(load case 6)
Max Uplift 5=-106(load case 6), 3=-67(load case 6), 4=-7(load case 6)
Max Grav 5=204(load case 1), 3=53(load case 1), 4=38(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-5=-186/151, 1-2=0/49, 2-3=-55/21
BOT CHORD 4-5=0/0

JOINT STRESS INDEX
2 = 0.32 and 5 = 0.72

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ3	JACK	8	1	J1924671 Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 106 lb uplift at joint 5, 67 lb uplift at joint 3 and 7 lb uplift at joint 4.

LOAD CASE(S) Standard

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

January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ3A	SPECIAL	2	1	J1924672
					Job Reference (optional)

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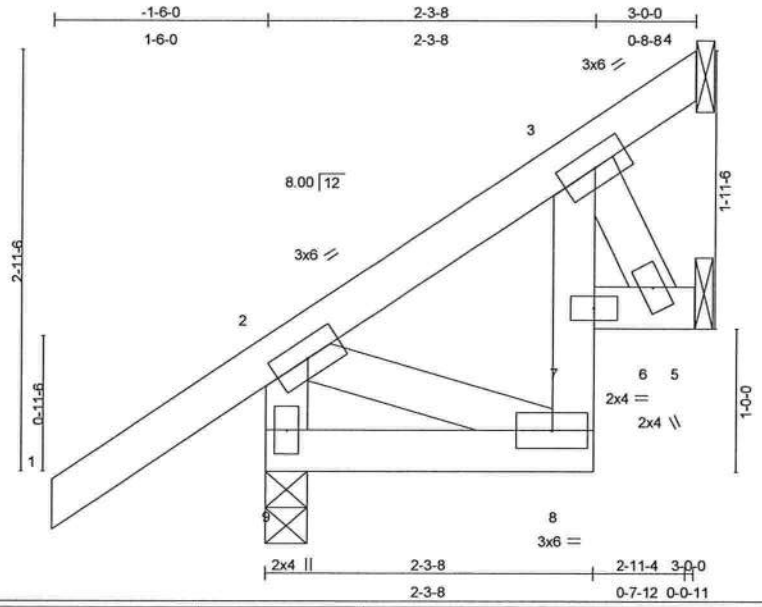

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.00	8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 20 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 3-8 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 9=202/0-3-8, 4=32/Mechanical, 6=33/Mechanical
Max Horz 9=173(load case 6)
Max Uplift 9=-105(load case 6), 4=-49(load case 6), 6=-39(load case 7)
Max Grav 9=202(load case 1), 4=32(load case 1), 6=48(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-9=-192/129, 1-2=0/49, 2-3=-63/4, 3-4=-35/16
BOT CHORD 8-9=-193/0, 7-8=-60/27, 3-7=-58/35, 6-7=-25/24, 5-6=0/0
WEBS 2-8=0/194, 3-6=-48/49

JOINT STRESS INDEX
2 = 0.08, 3 = 0.03, 6 = 0.03, 7 = 0.01, 8 = 0.08 and 9 = 0.07

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE# No. 34168
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924672
L265307	CJ3A	SPECIAL	2	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 105 lb uplift at joint 9, 49 lb uplift at joint 4 and 39 lb uplift at joint 6.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
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Boynton Beach, FL 33435

January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ3B	JACK	2	1	J1924673
					Job Reference (optional)

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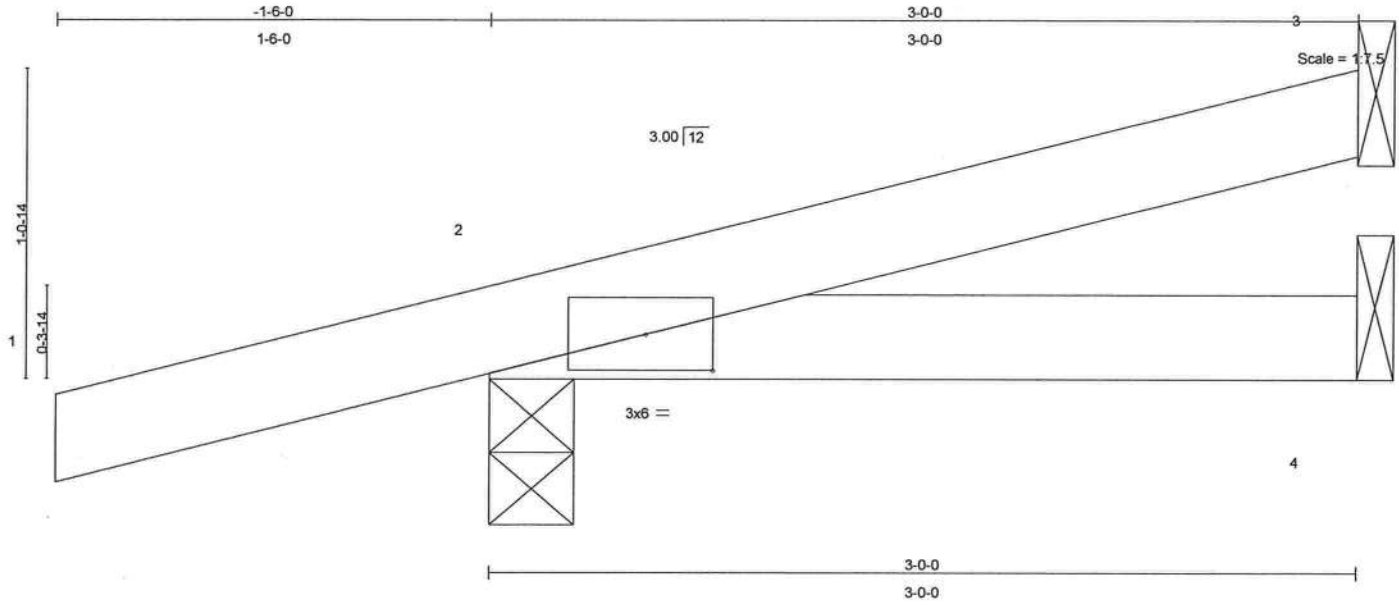

Plate Offsets (X,Y): [2:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

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

REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-3-8, 4=14/Mechanical
Max Horz 2=58(load case 4)
Max Uplift 3=-29(load case 4), 2=-196(load case 4), 4=-27(load case 4)
Max Grav 3=49(load case 1), 2=204(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-27/9
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Florida PE No. 34869
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January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924673
L265307	CJ3B	JACK	2	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 3, 196 lb uplift at joint 2 and 27 lb uplift at joint 4.

LOAD CASE(S) Standard

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Truss Design Engineer
Florida PE No. 34869
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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ5	JACK	8	1	J1924674
					Job Reference (optional)

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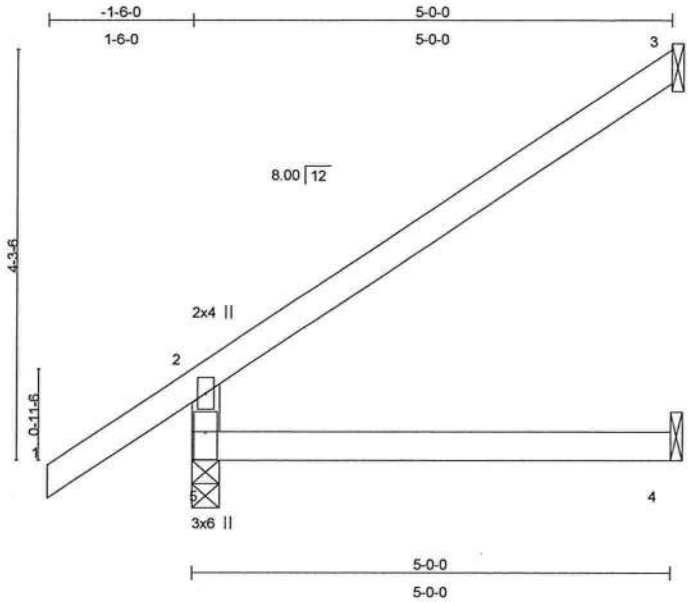

Scale = 1:22.7

Plate Offsets (X,Y): [5:0-3-8,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	0.38	Vert(LL)	0.04	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.04	4-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.04	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
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 5=257/0-3-8, 3=109/Mechanical, 4=29/Mechanical
Max Horz 5=235(load case 6)
Max Uplift 5=-109(load case 6), 3=-125(load case 6), 4=-10(load case 6)
Max Grav 5=257(load case 1), 3=109(load case 1), 4=67(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-5=-239/171, 1-2=0/49, 2-3=-100/46
BOT CHORD 4-5=0/0

JOINT STRESS INDEX
2 = 0.72 and 5 = 0.48

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924674
L265307	CJ5	JACK	8	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 109 lb uplift at joint 5, 125 lb uplift at joint 3 and 10 lb uplift at joint 4.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ5A	SPECIAL	2	1	J1924675
					Job Reference (optional)

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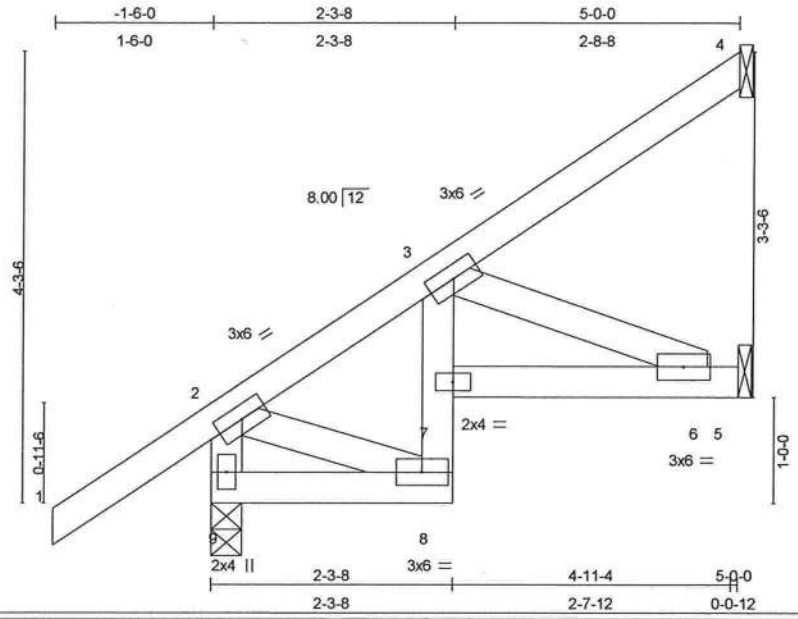

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.01	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 29 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
3-8 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 7-8.

REACTIONS (lb/size) 9=257/0-3-8, 4=72/Mechanical, 5=66/Mechanical
Max Horz 9=235(load case 6)
Max Uplift 9=-109(load case 6), 4=-81(load case 6), 5=-55(load case 6)
Max Grav 9=257(load case 1), 4=72(load case 1), 5=79(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-9=-247/135, 1-2=0/49, 2-3=-132/1, 3-4=-62/32
BOT CHORD 8-9=-261/1, 7-8=-54/12, 3-7=-52/57, 6-7=-187/136, 5-6=0/0
WEBS 2-8=0/175, 3-6=-147/202

JOINT STRESS INDEX
2 = 0.09, 3 = 0.09, 6 = 0.05, 7 = 0.11, 8 = 0.08 and 9 = 0.09

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 109 lb uplift at joint 9, 81 lb uplift at joint 4 and 55 lb uplift at joint 5.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924675
L265307	CJ5A	SPECIAL	2	1	Job Reference (optional)

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ5B	JACK	2	1	J1924676
					Job Reference (optional)

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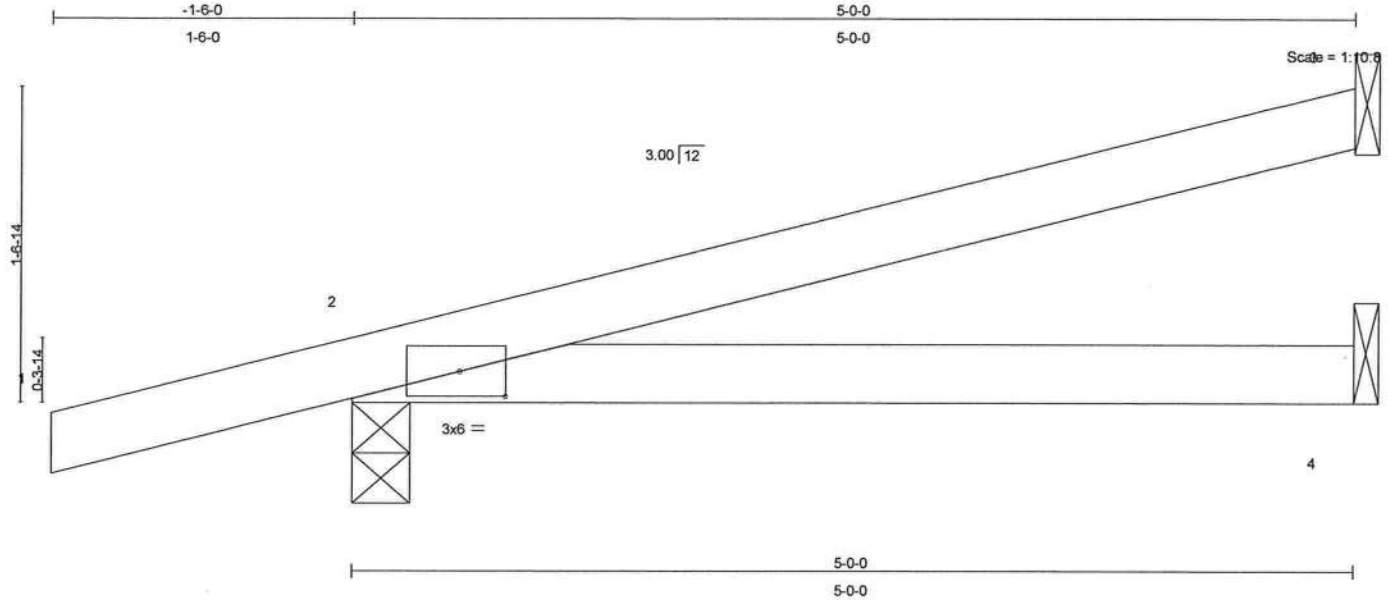

Plate Offsets (X,Y): [2:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	0.09	2-4	>663	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

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

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

REACTIONS (lb/size) 3=114/Mechanical, 2=257/0-3-8, 4=24/Mechanical
Max Horz 2=81(load case 4)
Max Uplift 3=-81(load case 4), 2=-238(load case 4), 4=-46(load case 4)
Max Grav 3=114(load case 1), 2=257(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-45/22
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.09

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	CJ5B	JACK	2	1	J1924676 Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint 3, 238 lb uplift at joint 2 and 46 lb uplift at joint 4.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	EJ4	MONO TRUSS	6	1	J1924677
					Job Reference (optional)

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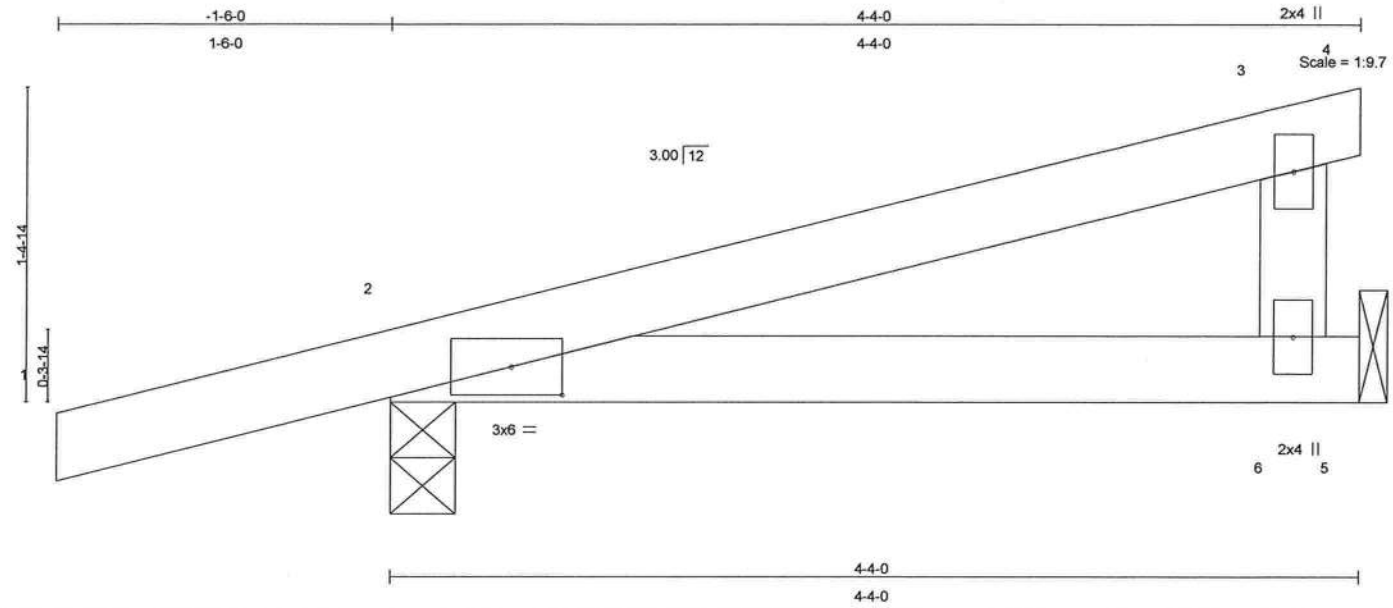

Plate Offsets (X,Y): [2:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	0.04	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.02	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 17 lb	

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

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

REACTIONS (lb/size) 2=232/0-3-8, 6=113/Mechanical
Max Horz 2=73(load case 4)
Max Uplift 2=-216(load case 4), 6=-105(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-35/17, 3-4=-1/0
BOT CHORD 2-6=0/0, 5-6=0/0
WEBS 3-6=-91/99

JOINT STRESS INDEX
2 = 0.08, 3 = 0.05 and 6 = 0.05

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	EJ4	MONO TRUSS	6	1	J1924677 Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 2 and 105 lb uplift at joint 6.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	EJ7	MONO TRUSS	18	1	J1924678 Job Reference (optional)

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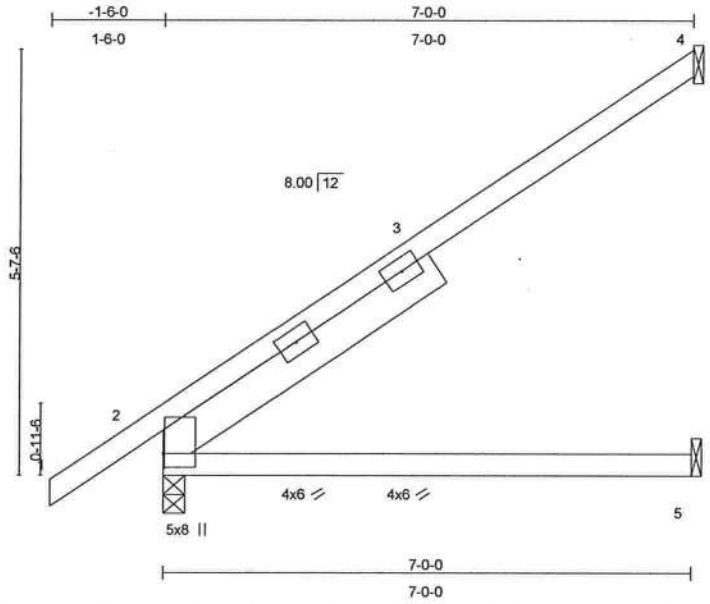

Plate Offsets (X,Y): [2:0-2-4,0-0-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	0.10	2-5	>805	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.14	2-5	>603	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.05	4	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
SLIDER Left 2 X 6 SYP No.1D 4-4-8

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=170/Mechanical, 2=312/0-3-8, 5=43/Mechanical
Max Horz 2=187(load case 6)
Max Uplift 4=-122(load case 6), 2=-68(load case 6)
Max Grav 4=170(load case 1), 2=312(load case 1), 5=88(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-145/4, 3-4=-128/72
BOT CHORD 2-5=0/0

JOINT STRESS INDEX
2 = 0.63, 2 = 0.04, 2 = 0.04 and 3 = 0.00

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	EJ7	MONO TRUSS	18	1	J1924678 Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 122 lb uplift at joint 4 and 68 lb uplift at joint 2.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	EJ7A	MONO TRUSS	4	1	J1924679
					Job Reference (optional)

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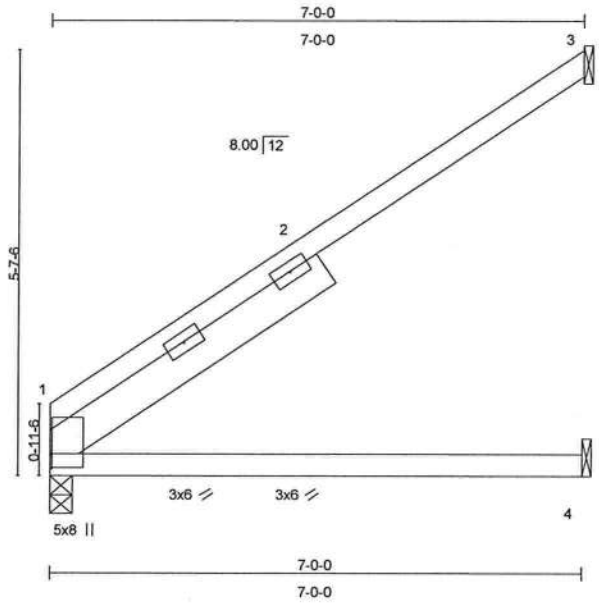

Scale = 1:28.7

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	0.11	1-4	>727	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.14	1-4	>591	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.05	3	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
SLIDER Left 2 X 6 SYP No.1D 4-4-8

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=222/0-3-8, 3=177/Mechanical, 4=45/Mechanical
Max Horz 1=169(load case 6)
Max Uplift 3=-127(load case 6)
Max Grav 1=222(load case 1), 3=177(load case 1), 4=88(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-151/4, 2-3=-133/76
BOT CHORD 1-4=0/0

JOINT STRESS INDEX
1 = 0.66, 1 = 0.04, 1 = 0.05 and 2 = 0.00

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 127 lb uplift at joint 3.

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Truss Design Engineer
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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	EJ7A	MONO TRUSS	4	1	J1924679 Job Reference (optional)

LOAD CASE(S) Standard

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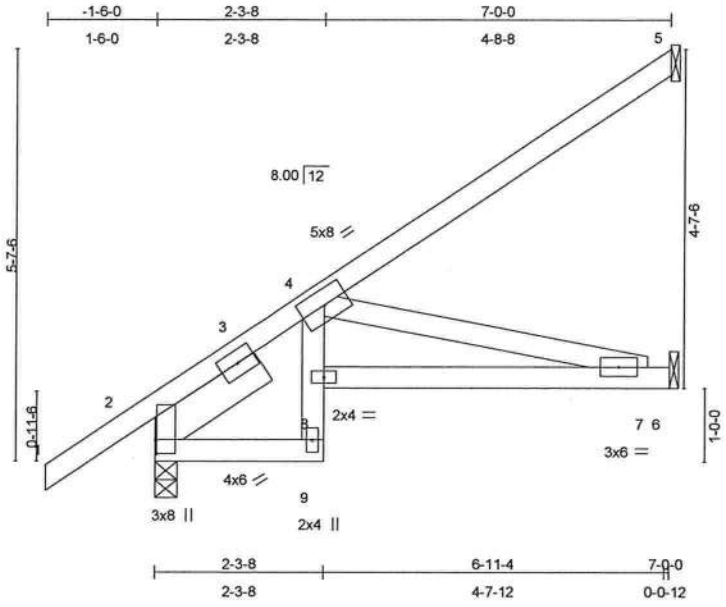
Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	EJ7B	SPECIAL	5	1	J1924680
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 16:22:13 2008 Page 1



Scale = 1:29.6

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	0.03	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.04	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.17	Horz(TL)	-0.02	6	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 *Except* 4-9 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3
SLIDER Left 2 X 6 SYP No.1D 1-9-4

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

REACTIONS (lb/size) 5=104/Mechanical, 2=312/0-3-8, 6=109/Mechanical
Max Horz 2=187(load case 6)
Max Uplift 5=-72(load case 6), 2=-68(load case 6), 6=-46(load case 6)
Max Grav 5=104(load case 1), 2=312(load case 1), 6=122(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-285/22, 3-4=-225/30, 4-5=-89/43
BOT CHORD 2-9=-200/154, 8-9=-31/55, 4-8=-14/142, 7-8=-432/395, 6-7=0/0
WEBS 4-7=-405/443

JOINT STRESS INDEX
2 = 0.28, 2 = 0.11, 3 = 0.00, 4 = 0.78, 7 = 0.12, 8 = 0.74 and 9 = 0.57

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924680
L265307	EJ7B	SPECIAL	5	1	Job Reference (optional)

NOTES

2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 72 lb uplift at joint 5, 68 lb uplift at joint 2 and 46 lb uplift at joint 6.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	EJ7C	MONO TRUSS	5	1	J1924681
					Job Reference (optional)

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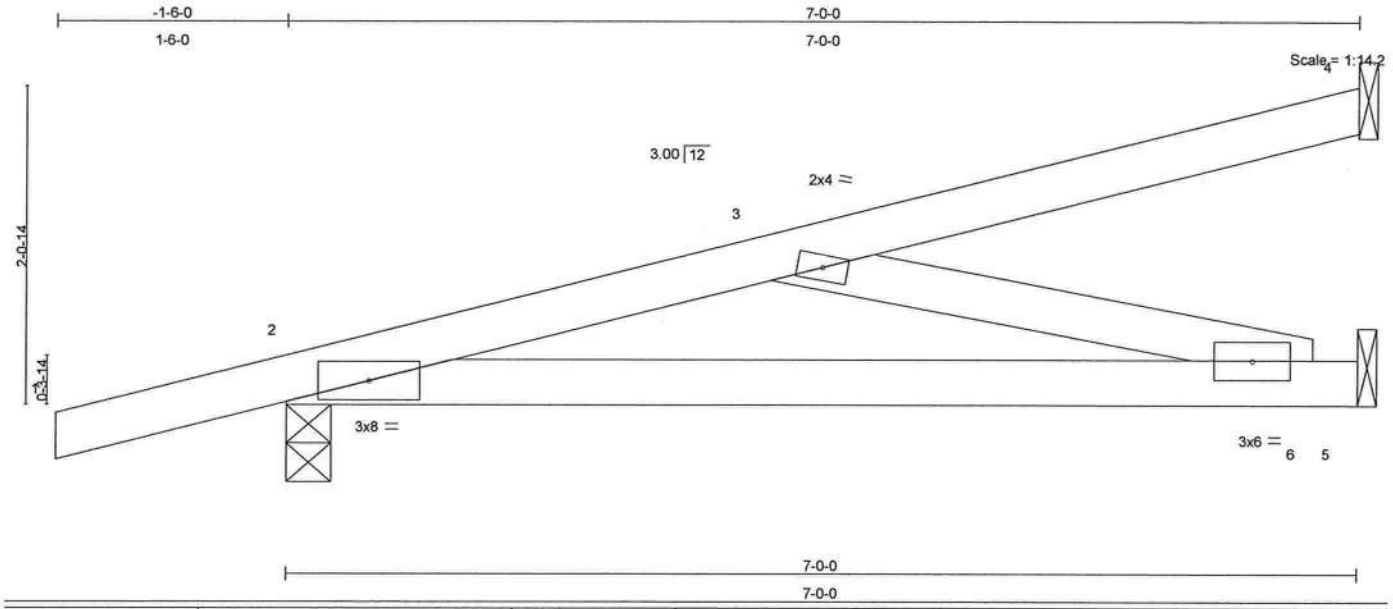

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	0.22	2-6	>376	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.12	2-6	>665	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.15	Horz(TL)	-0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 29 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.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 7-1-3 oc bracing.

REACTIONS (lb/size) 4=88/Mechanical, 2=317/0-3-8, 5=118/Mechanical
Max Horz 2=74(load case 4)
Max Uplift 4=-41(load case 4), 2=-216(load case 4), 5=-103(load case 4)
Max Grav 4=88(load case 1), 2=317(load case 1), 5=127(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-446/517, 3-4=-31/17
BOT CHORD 2-6=-602/412, 5-6=0/0
WEBS 3-6=-423/618

JOINT STRESS INDEX
2 = 0.58, 3 = 0.27 and 6 = 0.17

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924681
L265307	EJ7C	MONO TRUSS	5	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 41 lb uplift at joint 4, 216 lb uplift at joint 2 and 103 lb uplift at joint 5.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	FG1	SPECIAL	1	1	J1924682
					Job Reference (optional)

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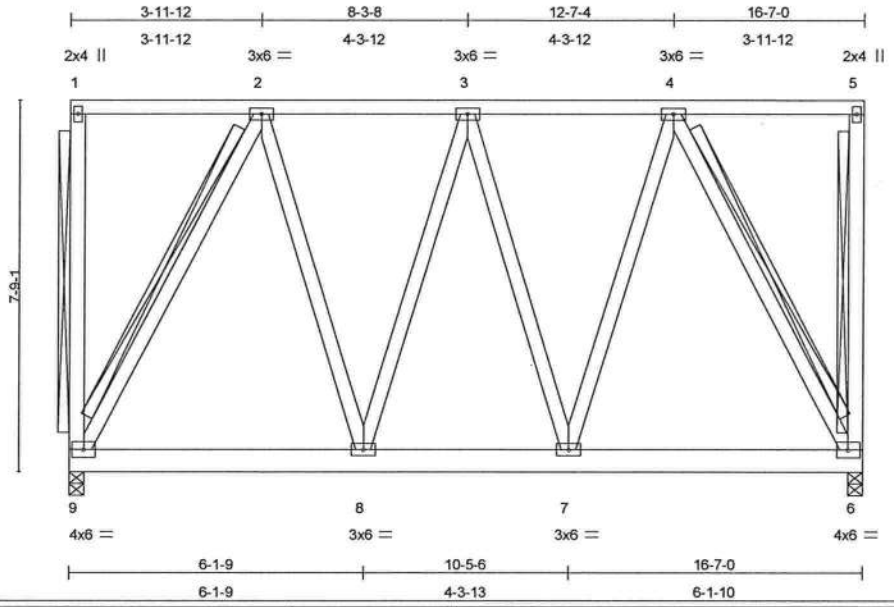

Scale = 1:45.4

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.14	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.12	Vert(TL)	-0.03	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.26	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 151 lb	

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

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

REACTIONS (lb/size) 9=782/0-3-8, 6=782/0-3-8
Max Uplift 9=-216(load case 3), 6=-216(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-9=-91/39, 1-2=-10/2, 2-3=-409/109, 3-4=-409/109, 4-5=-10/2, 5-6=-91/39
BOT CHORD 8-9=-90/309, 7-8=-124/443, 6-7=-90/309
WEBS 2-9=-649/190, 2-8=-67/357, 3-8=-120/53, 3-7=-120/53, 4-7=-67/357, 4-6=-649/190

JOINT STRESS INDEX
1 = 0.34, 2 = 0.49, 3 = 0.49, 4 = 0.49, 5 = 0.34, 6 = 0.31, 7 = 0.49, 8 = 0.49 and 9 = 0.31

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924682
L265307	FG1	SPECIAL	1	1	Job Reference (optional)

NOTES

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 9 and 216 lb uplift at joint 6.
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: 1-5=-54, 6-9=-42(F=-32)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	HJ9	MONO TRUSS	4	1	J1924683
					Job Reference (optional)

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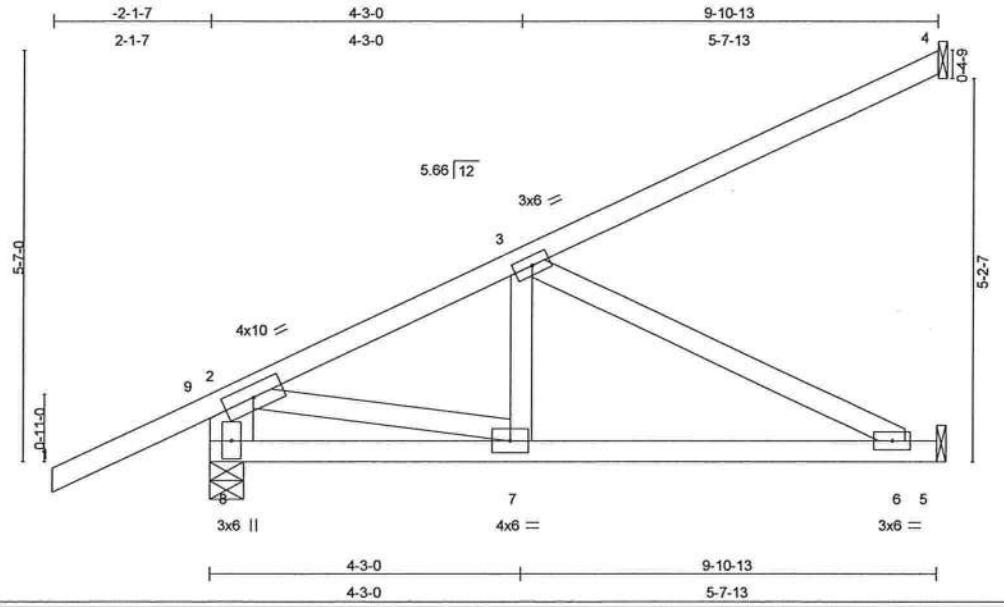

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	-0.04	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.10	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.28	Horz(TL)	-0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 54 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2
WEBS	2 X 4 SYP No.3 *Except* 2-8 2 X 8 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 6-0-0 oc bracing.

REACTIONS (lb/size) 8=385/0-5-11, 4=261/Mechanical, 5=234/Mechanical
Max Horz 8=357(load case 5)
Max Uplift 8=-146(load case 5), 4=-262(load case 5), 5=-121(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	2-8=-388/144, 1-9=0/49, 2-9=0/48, 2-3=-431/36, 3-4=-147/80
BOT CHORD	7-8=-233/56, 6-7=-323/399, 5-6=0/0
WEBS	2-7=-322/643, 3-7=-32/147, 3-6=-446/361

JOINT STRESS INDEX
2 = 0.83, 3 = 0.16, 6 = 0.12, 7 = 0.27 and 8 = 0.18

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 146 lb uplift at joint 8, 262 lb uplift at joint 4 and 121 lb uplift at joint 5.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	HJ9	MONO TRUSS	4	1	J1924683 Job Reference (optional)

NOTES

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-9=-54
   Trapezoidal Loads (plf)
   Vert: 9=40(F=27, B=27)-to-2=36(F=25, B=25), 2=-4(F=25, B=25)-to-4=-134(F=-40, B=-40), 8=-0(F=5, B=5)-to-5=-25(F=-7, B=-7)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	HJ9A	SPECIAL	1	1	J1924684
					Job Reference (optional)

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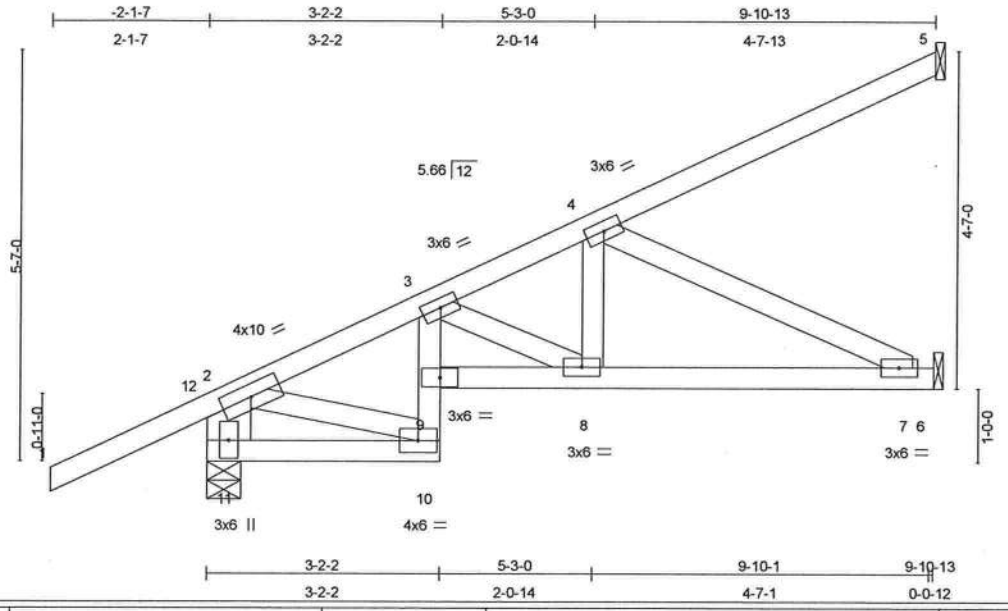

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	0.04	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.71	Vert(TL)	-0.06	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.26	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 55 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 3-10 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except* 2-11 2 X 8 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 6-0-0 oc bracing.

REACTIONS (lb/size) 11=399/0-5-11, 5=218/Mechanical, 6=276/Mechanical
Max Horz 11=361(load case 5)
Max Uplift 11=-153(load case 5), 5=-220(load case 5), 6=-162(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-11=-425/194, 1-12=0/49, 2-12=0/49, 2-3=-322/0, 3-4=-561/157, 4-5=-125/68
BOT CHORD 10-11=-146/0, 9-10=-68/3, 3-9=-115/34, 8-9=-359/400, 7-8=-417/527, 6-7=0/0
WEBS 2-10=-141/396, 3-8=-105/141, 4-8=0/204, 4-7=-585/462

JOINT STRESS INDEX
2 = 0.49, 3 = 0.24, 4 = 0.20, 7 = 0.16, 8 = 0.13, 9 = 0.31, 10 = 0.35 and 11 = 0.14

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924684
L265307	HJ9A	SPECIAL	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint 11, 220 lb uplift at joint 5 and 162 lb uplift at joint 6.
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: 1-12=-54
   Trapezoidal Loads (plf)
   Vert: 12=-0(F=27, B=27)-to-2=-4(F=25, B=25), 2=-4(F=25, B=25)-to-5=-134(F=-40, B=-40), 11=-1(F=5, B=5)-to-10=-8(F=1, B=1), 9=-8(F=1, B=1)-to-6=-25(F=-7, B=-7)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	HJ9B	MONO TRUSS	1	1	J1924685
					Job Reference (optional)

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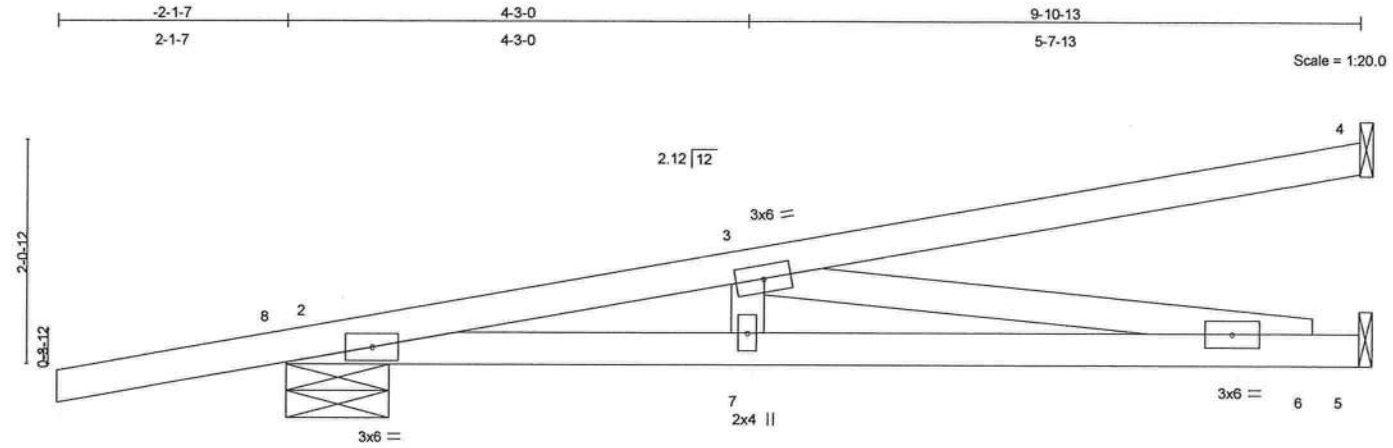

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.64	Vert(LL)	0.15	6-7	>757	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.17	6-7	>654	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.61	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 41 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 5-5-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-3-14 oc bracing.

REACTIONS (lb/size) 4=274/Mechanical, 2=400/0-11-5, 5=219/Mechanical
Max Horz 2=123(load case 3)
Max Uplift 4=-204(load case 3), 2=-382(load case 3), 5=-167(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=0/17, 2-8=0/17, 2-3=-1174/853, 3-4=-50/35
BOT CHORD 2-7=-933/1149, 6-7=-933/1149, 5-6=0/0
WEBS 3-7=-85/181, 3-6=-1161/943

JOINT STRESS INDEX
2 = 0.51, 3 = 0.38, 6 = 0.33 and 7 = 0.13

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 204 lb uplift at joint 4, 382 lb uplift at joint 2 and 167 lb uplift at joint 5.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924685
L265307	HJ9B	MONO TRUSS	1	1	Job Reference (optional)

NOTES

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-8=-54
   Trapezoidal Loads (plf)
   Vert: 8=0(F=27, B=27)-to-4=-134(F=-40, B=-40), 2=-1(F=5, B=5)-to-5=-25(F=-7, B=-7)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924686
L265307	PB01	PIGGYBACK 3x6 =	8	1	Job Reference (optional)

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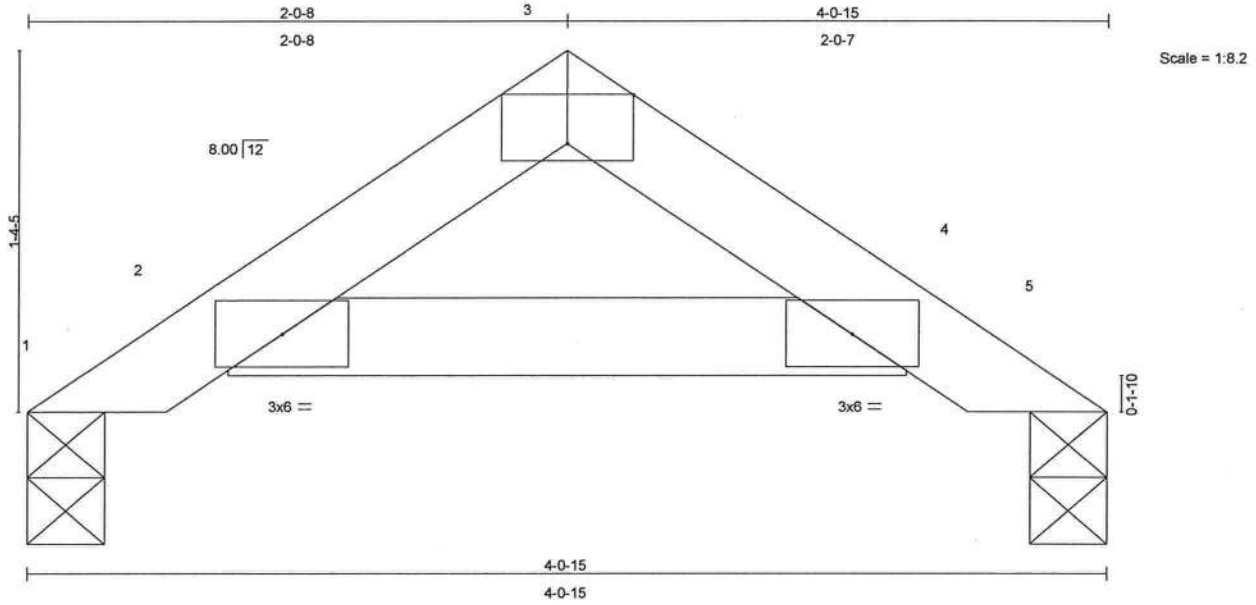

Plate Offsets (X,Y): [3:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	-0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 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 4-0-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=122/0-3-8, 5=122/0-3-8
Max Horz 1=-35(load case 4)
Max Uplift 1=-25(load case 6), 5=-25(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-60/39, 2-3=-150/86, 3-4=-150/86, 4-5=-60/39
BOT CHORD 2-4=-41/135

JOINT STRESS INDEX
2 = 0.12, 3 = 0.12 and 4 = 0.12

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	PB01	PIGGYBACK	8	1	J1924686 Job Reference (optional)

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 1 and 25 lb uplift at joint 5.
7) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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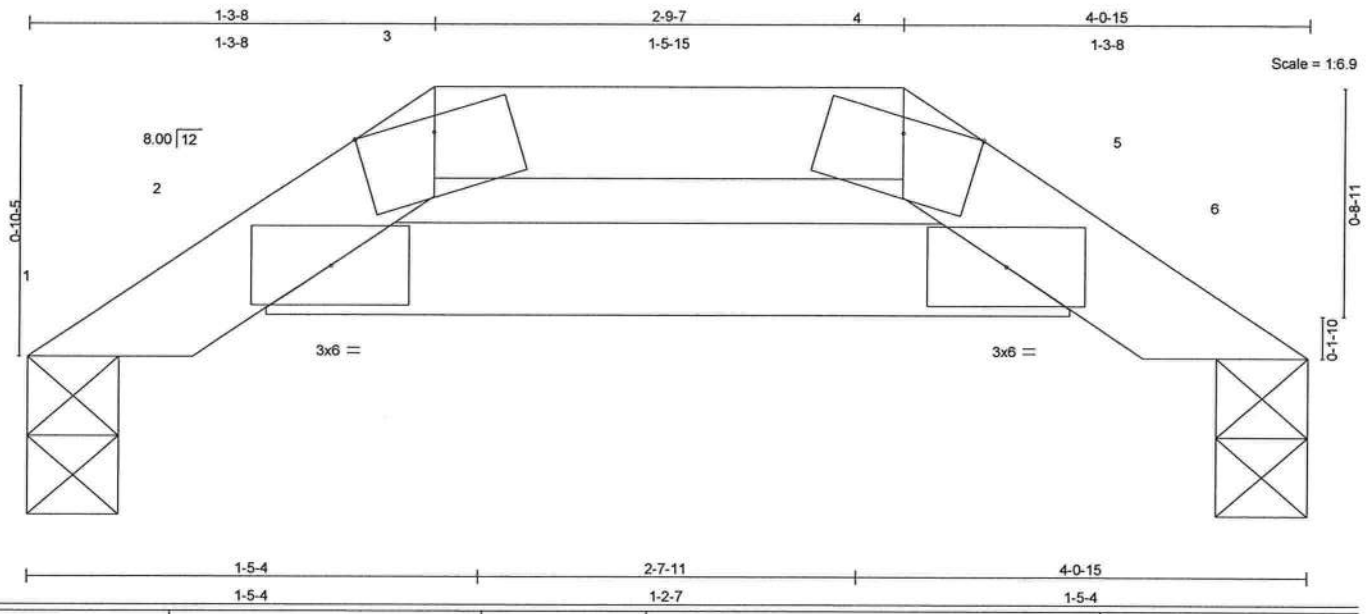
January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	PB02	HIP PIGGYBACK	1	1	J1924687
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 16:22:18 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	0.01	2-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	2-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 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 4-0-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=122/0-3-8, 6=122/0-3-8
Max Horz 1=22(load case 5)
Max Uplift 1=-24(load case 5), 6=-24(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-60/48, 2-3=-199/160, 3-4=-201/167, 4-5=-199/160, 5-6=-60/48
BOT CHORD 2-5=-127/201

JOINT STRESS INDEX
2 = 0.12, 3 = 0.07, 4 = 0.07 and 5 = 0.12

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) 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.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924687
L265307	PB02	HIP PIGGYBACK	1	1	Job Reference (optional)

NOTES

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 24 lb uplift at joint 1 and 24 lb uplift at joint 6.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T01G	GABLE	1	1	J1924688
					Job Reference (optional)

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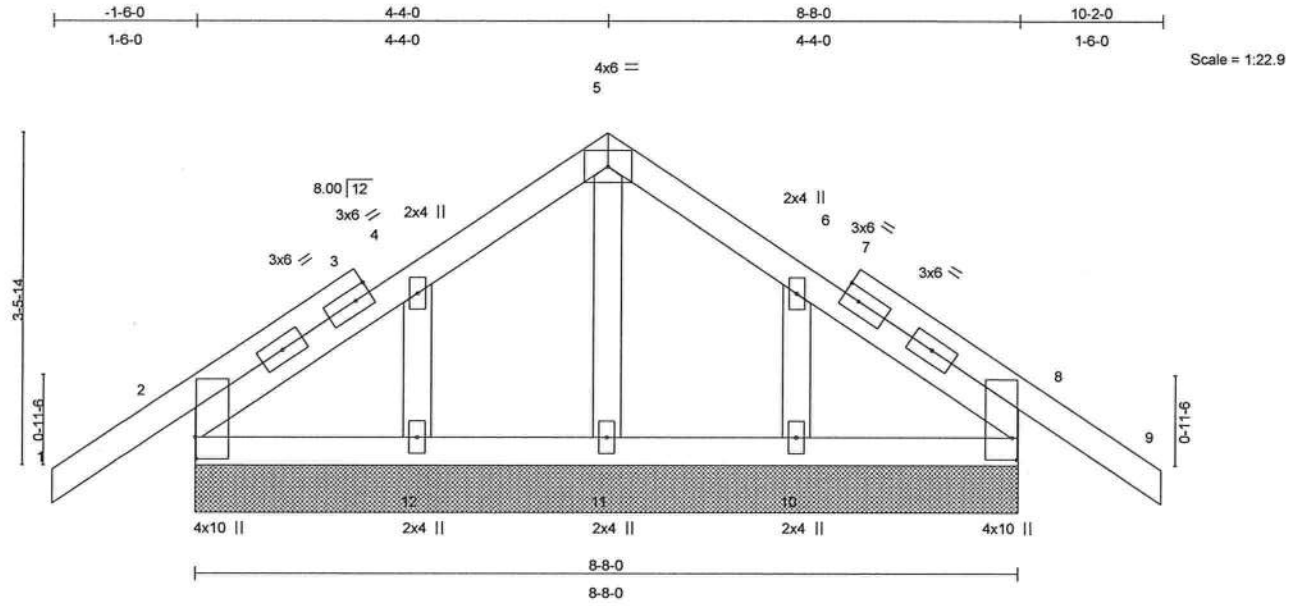

Plate Offsets (X,Y): [2:0-2-12,0-0-2], [8:0-2-12,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.01	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.02	9	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.04	Horz(TL)	0.00	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 50 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
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=309/8-8-0, 8=309/8-8-0, 11=168/8-8-0, 12=170/8-8-0, 10=170/8-8-0
Max Horz 2=112(load case 5)
Max Uplift 2=-184(load case 6), 8=-199(load case 7), 11=-19(load case 6), 12=-120(load case 6), 10=-117(load case 7)
Max Grav 2=309(load case 1), 8=309(load case 1), 11=168(load case 1), 12=177(load case 10), 10=177(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4/32, 2-3=-125/81, 3-4=-64/79, 4-5=-87/102, 5-6=-87/102, 6-7=-18/34, 7-8=-125/38, 8-9=-4/32
BOT CHORD 2-12=-20/67, 11-12=-20/67, 10-11=-20/67, 8-10=-20/67
WEBS 5-11=-144/28, 4-12=-163/140, 6-10=-163/137

JOINT STRESS INDEX
2 = 0.72, 3 = 0.00, 3 = 0.17, 3 = 0.17, 4 = 0.08, 5 = 0.15, 6 = 0.08, 7 = 0.00, 7 = 0.17, 7 = 0.17, 8 = 0.72, 10 = 0.08, 11 = 0.05 and 12 = 0.08

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

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924688
L265307	T01G	GABLE	1	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 184 lb uplift at joint 2, 199 lb uplift at joint 8, 19 lb uplift at joint 11, 120 lb uplift at joint 12 and 117 lb uplift at joint 10.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-89(F=-35), 5-9=-89(F=-35), 2-8=-10

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T02	COMMON	7	1	J1924689
					Job Reference (optional)

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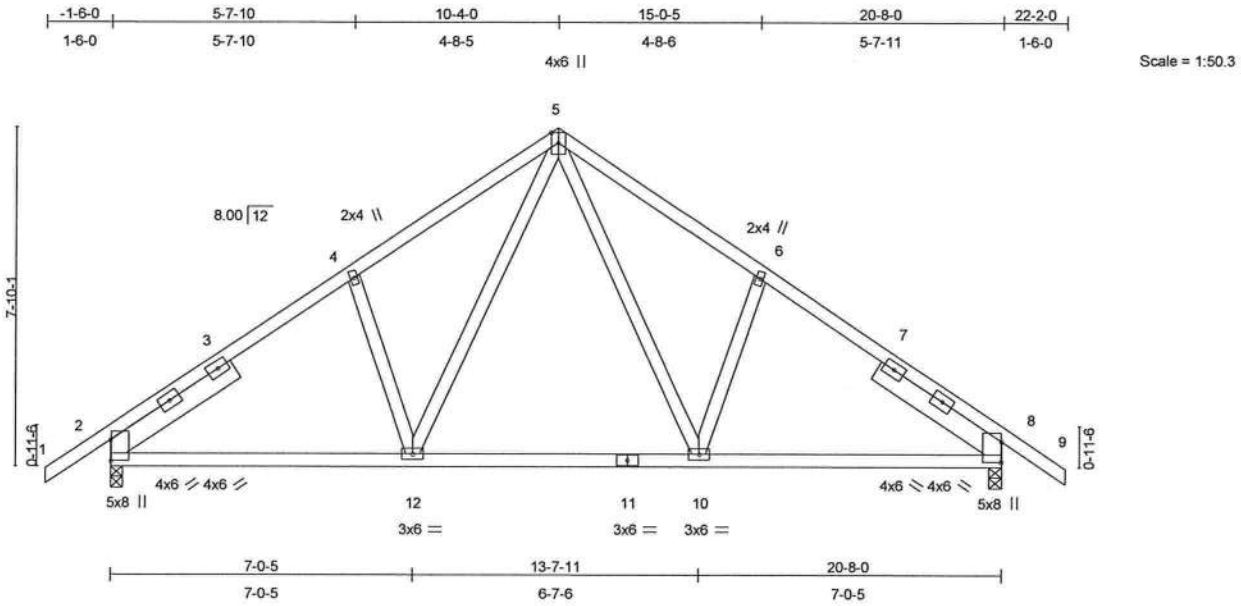

Plate Offsets (X,Y): [2:0-5-11,0-0-3], [8:0-5-11,0-0-3]

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)	0.14	10-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.26	10-12	>940	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 126 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	Left 2 X 6 SYP No.1D 3-5-13, Right 2 X 6 SYP No.1D 3-5-13

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-6-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=941/0-3-8, 8=941/0-3-8
Max Horz 2=208(load case 5)
Max Uplift 2=-256(load case 6), 8=-256(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-1226/523, 3-4=-1128/548, 4-5=-1060/622, 5-6=-1060/622, 6-7=-1128/548, 7-8=-1226/523, 8-9=0/20
BOT CHORD	2-12=-290/886, 11-12=-119/667, 10-11=-119/667, 8-10=-290/886
WEBS	4-12=-152/196, 5-12=-273/477, 5-10=-273/477, 6-10=-152/196

JOINT STRESS INDEX

2 = 0.71, 2 = 0.22, 2 = 0.22, 3 = 0.00, 4 = 0.33, 5 = 0.48, 6 = 0.33, 7 = 0.00, 8 = 0.71, 8 = 0.22, 8 = 0.22, 10 = 0.48, 11 = 0.47 and 12 = 0.48

NOTES

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

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924689
L265307	T02	COMMON	7	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 256 lb uplift at joint 2 and 256 lb uplift at joint 8.
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: 1-5=-54, 5-9=-54, 2-12=-10, 10-12=-70(F=-60), 8-10=-10

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T02G	GABLE	1	1	J1924690
					Job Reference (optional)

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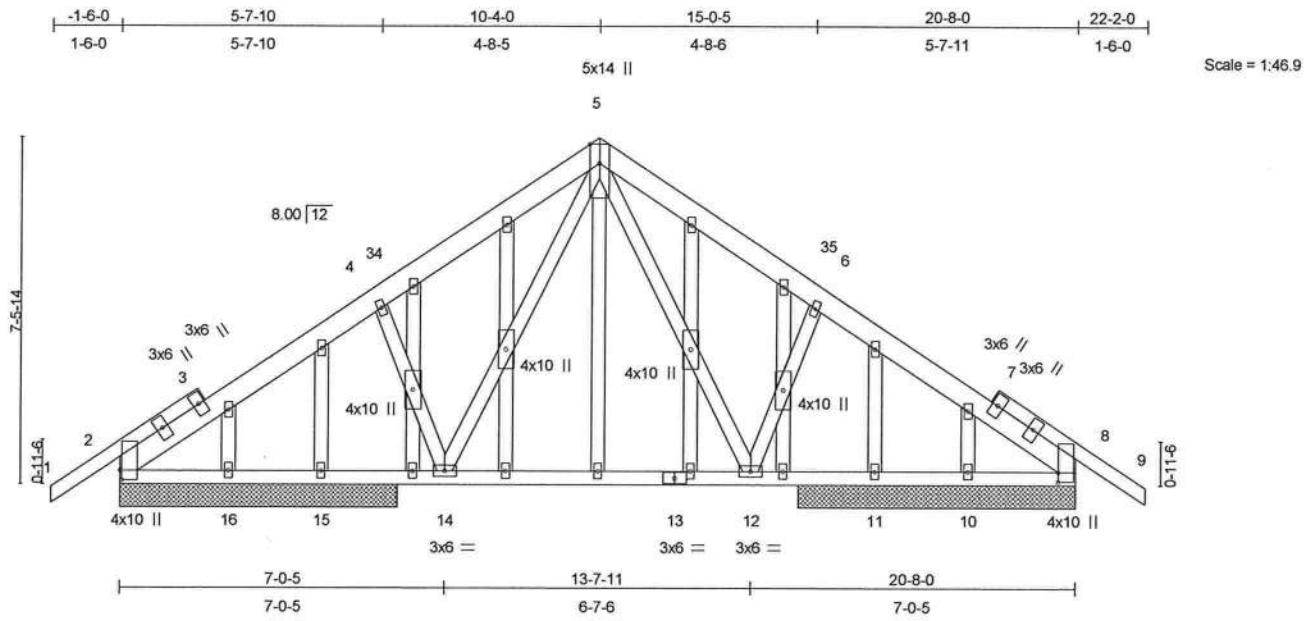

Plate Offsets (X,Y): [2:0-2-8,0-0-7], [8:0-2-8,0-0-1], [28:0-0-0,0-0-0], [31:0-0-0,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.06	12-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.12	12-14	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.31	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 184 lb	

LUMBER

TOP CHORD	2 X 6 SYP No.1D *Except* 1-3 2 X 4 SYP No.2, 7-9 2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2
WEBS	2 X 4 SYP No.3
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 8-5-15 oc bracing.

REACTIONS (lb/size) 2=1178/6-0-0, 8=1178/6-0-0, 15=69/6-0-0, 16=27/6-0-0, 11=69/6-0-0, 10=27/6-0-0
Max Horz 2=247(load case 5)
Max Uplift 2=-603(load case 6), 8=-605(load case 7), 15=-22(load case 6), 16=-2(load case 5), 11=-19(load case 6), 10=-3(load case 4)
Max Grav 2=1178(load case 1), 8=1178(load case 1), 15=69(load case 1), 16=72(load case 2), 11=69(load case 1), 10=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-3/32, 2-3=-1567/696, 3-4=-1395/680, 4-34=-1366/739, 5-34=-1343/737, 5-35=-1343/737, 6-35=-1366/739, 6-7=-1395/680, 7-8=-1567/696, 8-9=-3/32
BOT CHORD	2-16=-536/1161, 15-16=-536/1161, 14-15=-536/1161, 13-14=-290/849, 12-13=-290/849, 11-12=-459/1161, 10-11=-459/1161, 8-10=-459/1161
WEBS	4-14=-396/341, 5-14=-294/440, 5-12=-297/440, 6-12=-396/341

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JOINT STRESS INDEX

2 = 0.91, 3 = 0.00, 3 = 0.37, 3 = 0.37, 4 = 0.34, 5 = 0.26, 6 = 0.34, 7 = 0.00, 7 = 0.37, 7 = 0.37, 8 = 0.91, 10 = 0.34, 11 = 0.34, 12 = 0.49, 13 = 0.36, 14 = 0.49, 15 = 0.34, 16 = 0.34, 17 = 0.34, 18 = 0.31, 19 = 0.34, 20 = 0.34, 21 = 0.39, 22 = 0.34, 23 = 0.34, 24 = 0.34, 25 = 0.34, 26 = 0.34, 27 = 0.34, 28 = 0.31, 29 = 0.34, 30 = 0.34, 31 = 0.39, 32 = 0.34 and 33 = 0.34

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T02G	GABLE	1	1	J1924690 Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 603 lb uplift at joint 2, 605 lb uplift at joint 8, 22 lb uplift at joint 15, 2 lb uplift at joint 16, 19 lb uplift at joint 11 and 3 lb uplift at joint 10.
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: 1-34=-89(F=-35), 5-34=-116(F=-62), 5-35=-116(F=-62), 9-35=-89(F=-35), 2-8=-10

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T03	HIP	1	1	J1924691
					Job Reference (optional)

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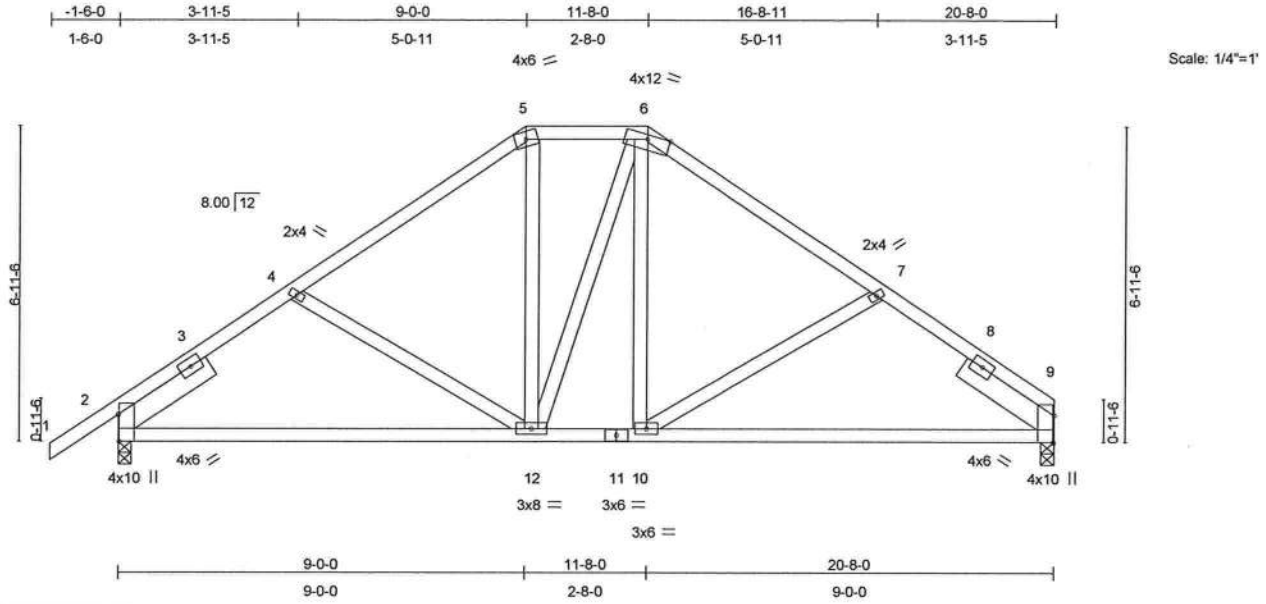

Plate Offsets (X,Y): [2:0-7-3,Edge], [9:0-7-3,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.23	Vert(LL)	-0.11	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.20	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 128 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	Left 2 X 6 SYP No.1D 2-5-8, Right 2 X 6 SYP No.1D 2-5-8

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) 9=658/0-3-8, 2=745/0-3-8
Max Horz 2=191(load case 5)
Max Uplift 9=-131(load case 7), 2=-197(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-886/415, 3-4=-819/432, 4-5=-698/380, 5-6=-523/385, 6-7=-700/382, 7-8=-827/442, 8-9=-892/430
BOT CHORD	2-12=-247/642, 11-12=-97/523, 10-11=-97/523, 9-10=-262/655
WEBS	4-12=-155/177, 5-12=-57/189, 6-12=-119/121, 6-10=-66/191, 7-10=-170/194

JOINT STRESS INDEX

2 = 0.86, 2 = 0.32, 3 = 0.00, 4 = 0.33, 5 = 0.43, 6 = 0.67, 7 = 0.33, 8 = 0.00, 9 = 0.86, 9 = 0.32, 10 = 0.34, 11 = 0.46 and 12 = 0.65

NOTES

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

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T03	HIP	1	1	J1924691 Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 131 lb uplift at joint 9 and 197 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T04	HIP	1	1	J1924692
					Job Reference (optional)

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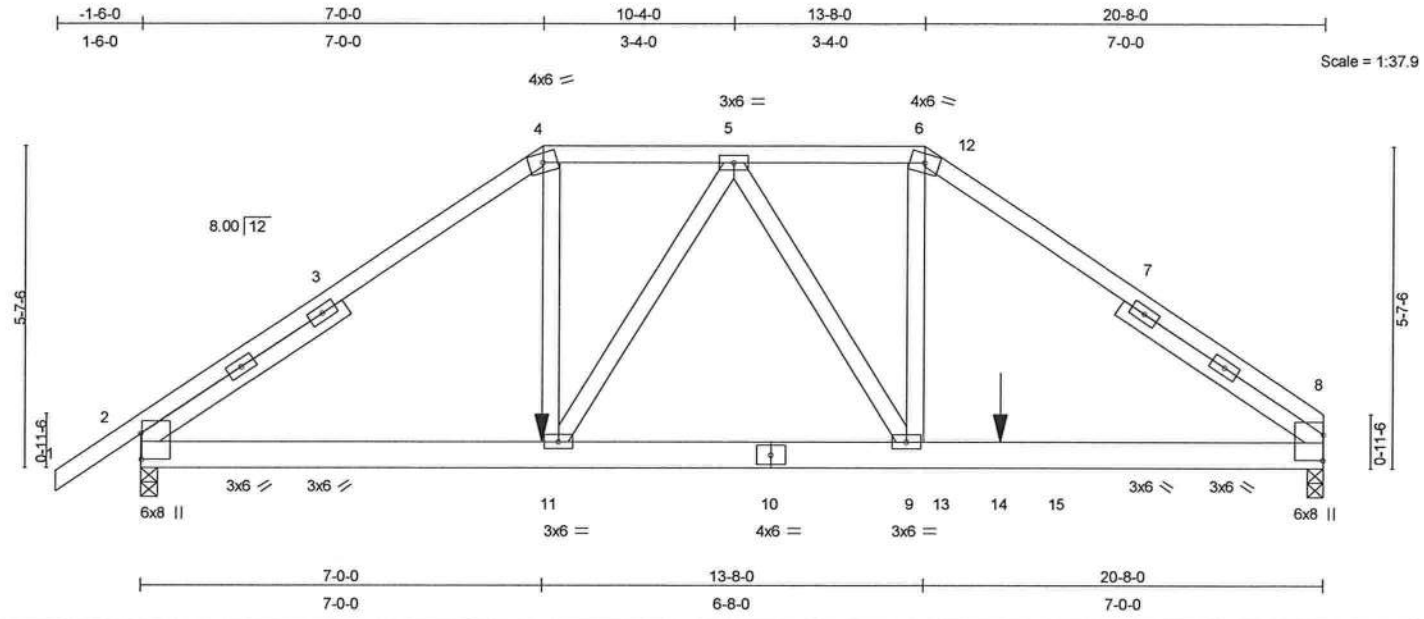

Plate Offsets (X,Y): [2:0-5-7,0-0-2], [8:0-5-7,0-0-2]

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)	-0.07	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.13	8-9	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.25	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 131 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 6 SYP No.1D
WEBS	2 X 4 SYP No.3
SLIDER	Left 2 X 4 SYP No.3 4-3-6, Right 2 X 4 SYP No.3 4-3-6

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-5-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 9-11-10 oc bracing.

REACTIONS (lb/size) 8=1565/0-3-8, 2=1382/0-3-8
Max Horz 2=-150(load case 3)
Max Uplift 8=-546(load case 3), 2=-557(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/24, 2-3=-1875/735, 3-4=-1781/760, 4-5=-1453/670, 5-6=-1506/652, 6-12=-1711/717, 7-12=-1791/714, 7-8=-1928/689
BOT CHORD	2-11=-654/1433, 10-11=-704/1597, 9-10=-704/1597, 9-13=-539/1487, 13-14=-539/1487, 14-15=-539/1487, 8-15=-539/1487
WEBS	4-11=-348/735, 5-11=-383/267, 5-9=-287/302, 6-9=-290/708

JOINT STRESS INDEX

2 = 0.89, 2 = 0.35, 2 = 0.35, 3 = 0.00, 4 = 0.49, 5 = 0.44, 6 = 0.49, 7 = 0.00, 8 = 0.89, 8 = 0.35, 8 = 0.35, 9 = 0.48, 10 = 0.45 and 11 = 0.48

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924692
L265307	T04	HIP	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 546 lb uplift at joint 8 and 557 lb uplift at joint 2.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-6=-118(F=-64), 6-12=-118(F=-64), 8-12=-54, 2-11=-10, 11-13=-22(F=-12), 13-15=-10, 8-15=-85(F=-75)
   Concentrated Loads (lb)
   Vert: 11=-411(F) 14=-255(F)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T05	SPECIAL	1	2	J1924693 Job Reference (optional)

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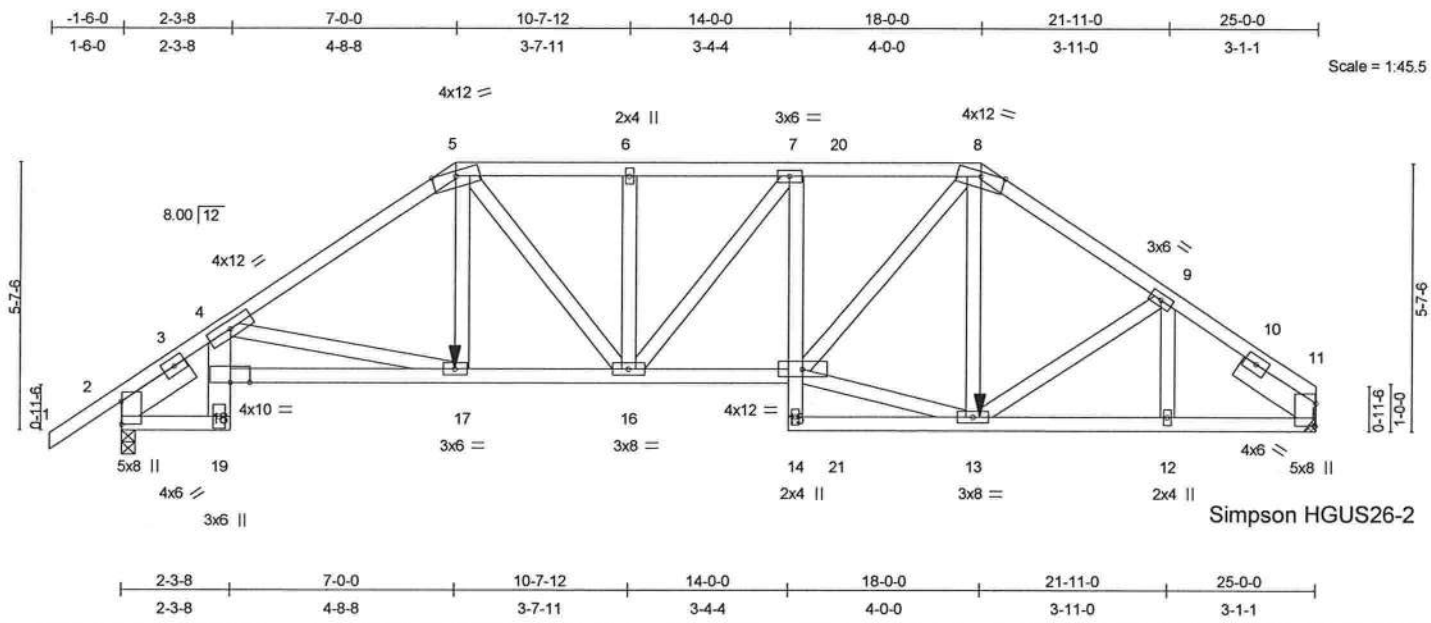

Plate Offsets (X,Y): [2:0-5-10,0-0-4], [11:0-5-11,0-0-3]

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)	0.08	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.14	15-16	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.10	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 335 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 4-19 2 X 6 SYP No.1D, 7-14 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
SLIDER	Left 2 X 6 SYP No.1D 1-9-6, Right 2 X 6 SYP No.1D 1-11-4

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) 11=1640/Mechanical, 2=1728/0-3-8
Max Horz 2=331(load case 4)
Max Uplift 11=-644(load case 3), 2=-621(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/20, 2-3=-2293/853, 3-4=-2150/832, 4-5=-2862/1194, 5-6=-2781/1158, 6-7=-2781/1158, 7-20=-2786/1206, 8-20=-2788/1206, 8-9=-2302/1009, 9-10=-2238/921, 10-11=-2293/912

BOT CHORD 2-19=-848/1484, 18-19=-72/121, 4-18=-33/152, 17-18=-1685/3090, 16-17=-1227/2364, 15-16=-1322/2805, 14-15=-4/85, 7-15=-340/228, 14-21=-63/138, 13-21=-63/138, 12-13=-657/1707, 11-12=-657/1707

WEBS 4-17=-766/480, 5-17=-386/740, 5-16=-319/723, 6-16=-259/143, 7-16=-78/69, 13-15=-756/1832, 8-15=-629/1342, 8-13=-153/109, 9-13=-230/331, 9-12=-60/57

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JOINT STRESS INDEX

2 = 0.62, 2 = 0.42, 3 = 0.00, 4 = 0.82, 5 = 0.62, 6 = 0.34, 7 = 0.40, 8 = 0.75, 9 = 0.43, 10 = 0.00, 11 = 0.78, 11 = 0.42, 12 = 0.34, 13 = 0.83, 14 = 0.44, 15 = 0.94, 16 = 0.57, 17 = 0.35, 18 = 0.50 and 19 = 0.43

January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T05	SPECIAL	1	2	J1924693 Job Reference (optional)

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2 X 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 644 lb uplift at joint 11 and 621 lb uplift at joint 2.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-20=-79(F=-25), 8-20=-118(F=-64), 8-11=-54, 2-19=-10, 17-18=-10, 15-17=-66(F=-56), 14-21=-66(F=-56), 13-21=-22(F=-12), 11-13=-10
   Concentrated Loads (lb)
   Vert: 17=-411(F) 13=-411(F)

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T06	SPECIAL	1	1	J1924694
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 16:22:26 2008 Page 1

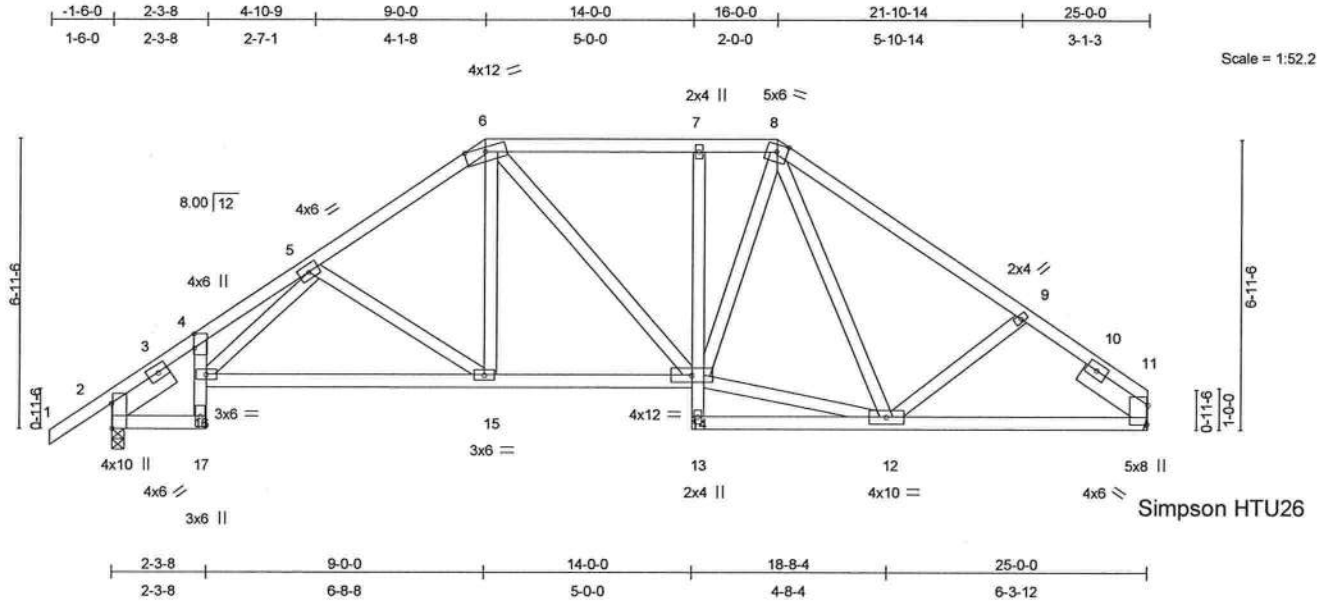

Plate Offsets (X,Y): [2:0-7-2,Edge], [4:0-4-1,Edge], [11:0-5-11,0-0-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	0.09	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.94	Vert(TL)	-0.18	15-16	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.23	Horz(TL)	0.12	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 166 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 7-13 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
SLIDER	Left 2 X 6 SYP No.1D 1-9-4, Right 2 X 6 SYP No.1D 1-11-7

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-10-2 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 16-17 9-8-5 oc bracing: 15-16.

REACTIONS (lb/size) 11=798/Mechanical, 2=883/0-3-8
Max Horz 2=191(load case 5)
Max Uplift 11=-150(load case 7), 2=-216(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-1171/512, 3-4=-1050/503, 4-5=-1617/723, 5-6=-1063/552, 6-7=-876/538, 7-8=-861/531, 8-9=-987/532, 9-10=-1062/556, 10-11=-1112/541
BOT CHORD	2-17=-272/702, 16-17=-56/160, 4-16=-95/86, 15-16=-412/1084, 14-15=-229/842, 13-14=0/64, 7-14=-176/136, 12-13=-36/88, 11-12=-366/824
WEBS	5-16=-157/421, 5-15=-294/219, 6-15=-88/305, 6-14=-137/150, 12-14=-196/706, 8-14=-191/370, 8-12=-99/104, 9-12=-106/169

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JOINT STRESS INDEX

2 = 0.62, 2 = 0.42, 3 = 0.00, 4 = 0.63, 5 = 0.28, 6 = 0.59, 7 = 0.50, 8 = 0.60, 9 = 0.33, 10 = 0.00, 11 = 0.78, 11 = 0.39, 12 = 0.37, 13 = 0.56, 14 = 0.60, 15 = 0.34, 16 = 0.75 and 17 = 0.85

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924694
L265307	T06	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 150 lb uplift at joint 11 and 216 lb uplift at joint 2.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T07	SPECIAL	1	1	J1924695
					Job Reference (optional)

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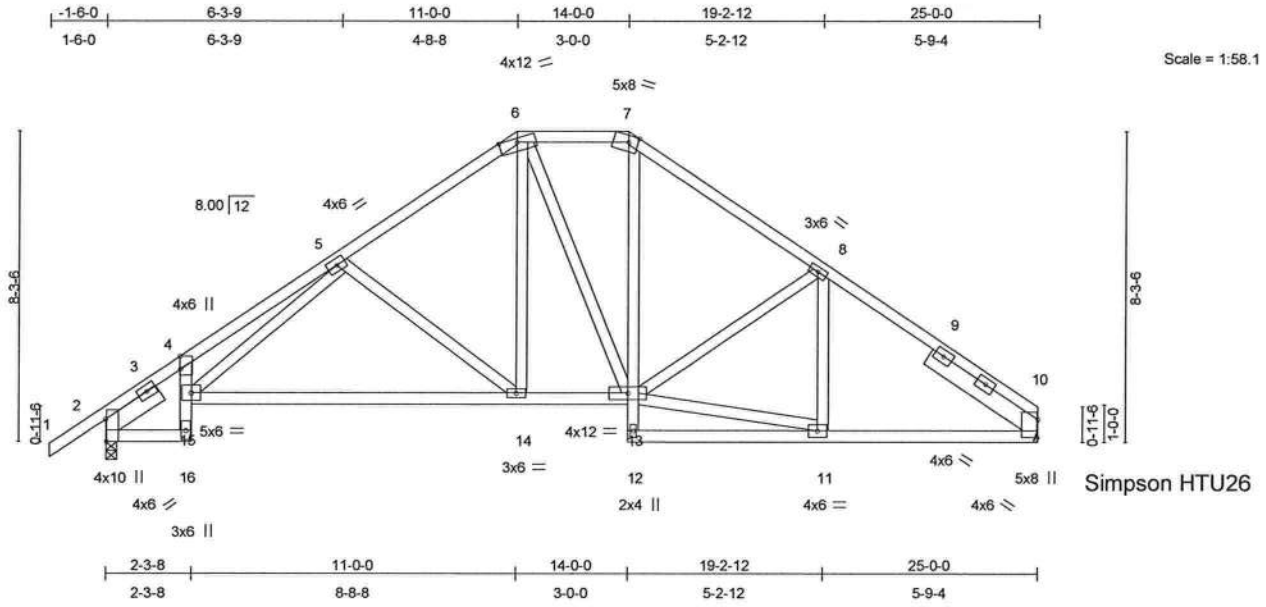

Simpson HTU26

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.15	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.98	Vert(TL)	-0.32	14-15	>950	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.24	Horz(TL)	0.13	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 170 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 7-12 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
SLIDER	Left 2 X 6 SYP No.1D 1-9-4, Right 2 X 6 SYP No.1D 3-6-10

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-7-15 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 15-16.

REACTIONS (lb/size) 10=798/Mechanical, 2=883/0-3-8
Max Horz 2=229(load case 5)
Max Uplift 10=-160(load case 7), 2=-225(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-1174/501, 3-4=-1053/494, 4-5=-1708/759, 5-6=-943/506, 6-7=-708/483, 7-8=-938/515, 8-9=-1015/509, 9-10=-1092/487
BOT CHORD	2-16=-270/704, 15-16=-51/162, 4-15=-181/126, 14-15=-349/995, 13-14=-133/725, 12-13=0/77, 7-13=-134/252, 11-12=0/126, 10-11=-293/810
WEBS	5-15=-214/606, 5-14=-346/274, 6-14=-131/378, 6-13=-160/119, 8-13=-148/180, 11-13=-299/733, 8-11=-100/88

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JOINT STRESS INDEX

2 = 0.62, 2 = 0.42, 3 = 0.00, 4 = 0.70, 5 = 0.27, 6 = 0.66, 7 = 0.38, 8 = 0.41, 9 = 0.00, 10 = 0.72, 10 = 0.20, 10 = 0.20, 11 = 0.31, 12 = 0.81, 13 = 0.58, 14 = 0.34, 15 = 0.75 and 16 = 0.86

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924695
L265307	T07	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 160 lb uplift at joint 10 and 225 lb uplift at joint 2.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T08	SPECIAL	1	1	J1924696
					Job Reference (optional)

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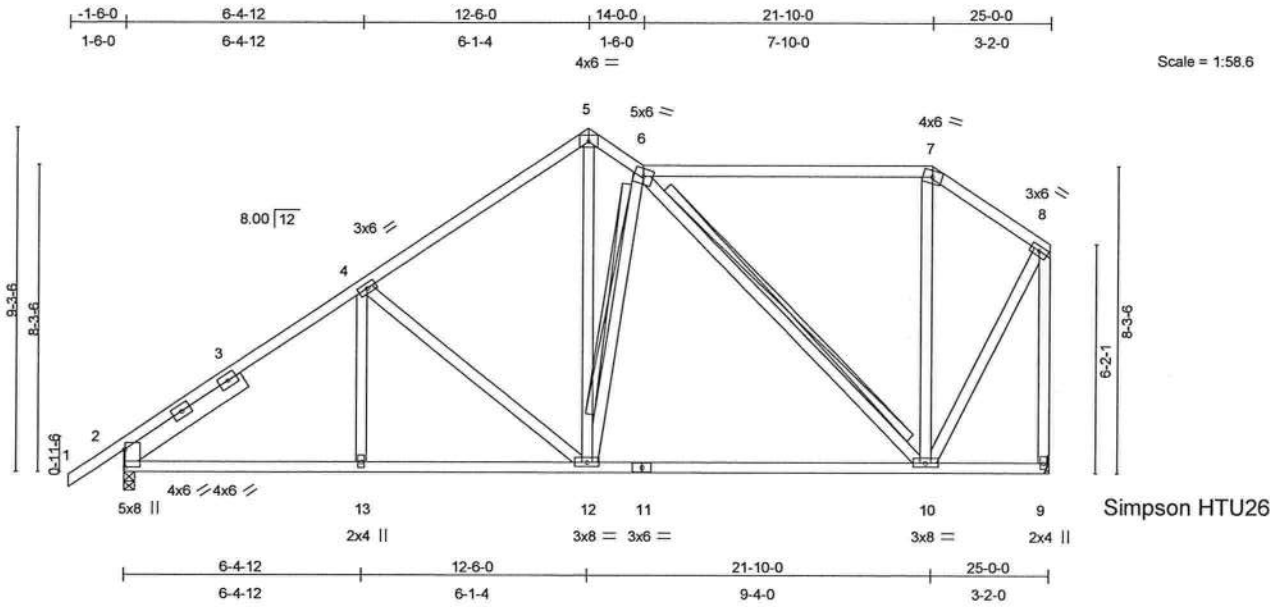

Simpson HTU26

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.77	Vert(LL)	-0.13	10-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.25	10-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.03	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 180 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	Left 2 X 6 SYP No.1D 3-11-2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 6-12, 6-10

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=879/0-3-8, 9=793/Mechanical
Max Horz 2=248(load case 5)
Max Uplift 2=-215(load case 6), 9=-186(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-1073/431, 3-4=-908/452, 4-5=-775/417, 5-6=-726/486, 6-7=-307/236, 7-8=-373/209, 8-9=-795/406
BOT CHORD	2-13=-494/790, 12-13=-494/790, 11-12=-337/632, 10-11=-337/632, 9-10=-4/4
WEBS	4-13=0/159, 4-12=-299/262, 5-12=-362/583, 6-12=-416/252, 6-10=-470/273, 7-10=-197/135, 8-10=-318/664

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JOINT STRESS INDEX

2 = 0.85, 2 = 0.20, 2 = 0.20, 3 = 0.00, 4 = 0.41, 5 = 0.48, 6 = 0.70, 7 = 0.71, 8 = 0.51, 9 = 0.33, 10 = 0.73, 11 = 0.20, 12 = 0.69 and 13 = 0.33

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924696
L265307	T08	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 215 lb uplift at joint 2 and 186 lb uplift at joint 9.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T09	MONO TRUSS	8	1	J1924697
					Job Reference (optional)

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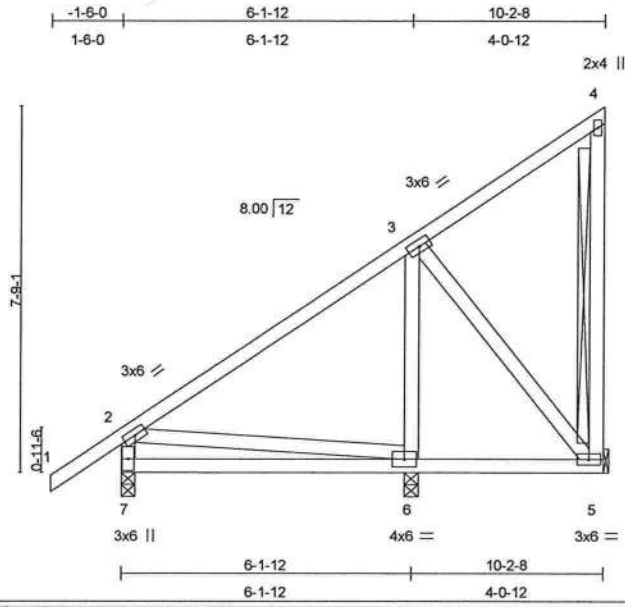

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	0.08	6-7	>893	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.04	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.12	Horz(TL)	-0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 72 lb	

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

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

REACTIONS (lb/size) 7=321/0-3-8, 5=168/Mechanical, 6=235/0-3-8
Max Horz 7=284(load case 6)
Max Uplift 7=-142(load case 6), 5=-157(load case 6), 6=-96(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-7=-290/132, 1-2=0/49, 2-3=-175/11, 3-4=-79/38, 4-5=-73/79
BOT CHORD 6-7=-651/158, 5-6=-174/69
WEBS 2-6=-109/480, 3-6=-170/10, 3-5=-104/275

JOINT STRESS INDEX
2 = 0.69, 3 = 0.16, 4 = 0.16, 5 = 0.15, 6 = 0.15 and 7 = 0.40

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924697
L265307	T09	MONO TRUSS	8	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical left exposed; porch 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 7, 157 lb uplift at joint 5 and 96 lb uplift at joint 6.

LOAD CASE(S) Standard

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Boynton Beach, FL 33435

January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T10	COMMON	7	1	J1924698
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 16:22:29 2008 Page 1

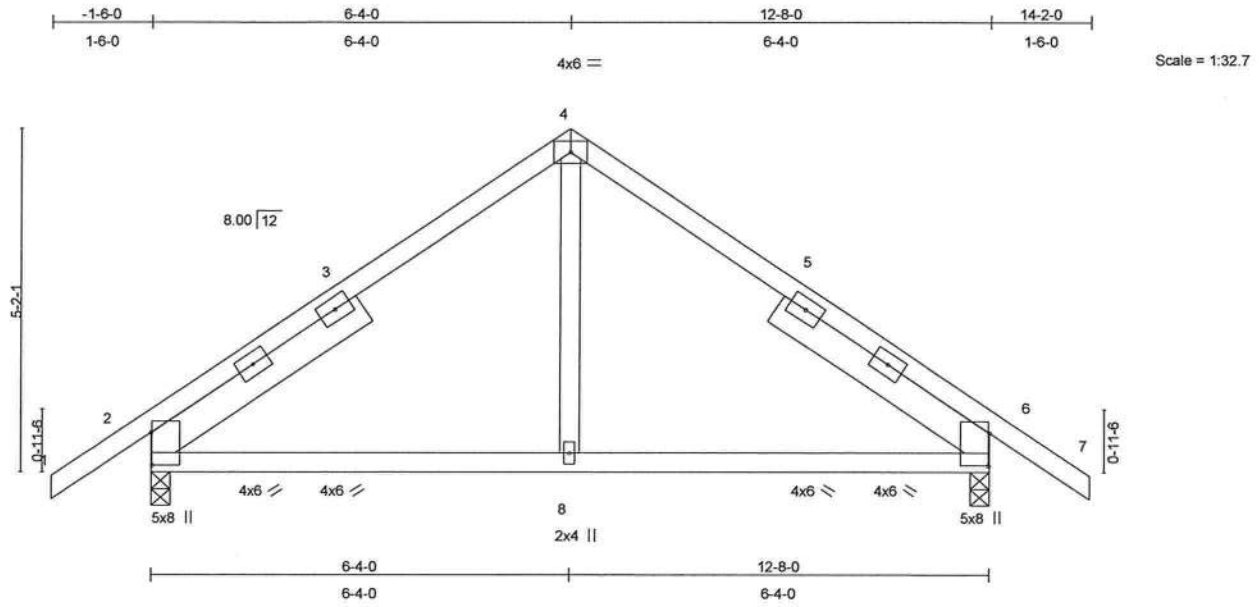

Plate Offsets (X,Y): [2:0-5-15,0-0-3], [6:0-5-15,0-0-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	0.03	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	-0.04	6-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 72 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2
WEBS	2 X 4 SYP No.3
SLIDER	Left 2 X 6 SYP No.1D 3-10-10, Right 2 X 6 SYP No.1D 3-10-10

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=486/0-3-8, 6=486/0-3-8
Max Horz 2=134(load case 5)
Max Uplift 2=-149(load case 6), 6=-149(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-473/197, 3-4=-353/216, 4-5=-353/216, 5-6=-473/197, 6-7=0/20
BOT CHORD	2-8=-23/293, 6-8=-23/293
WEBS	4-8=0/197

JOINT STRESS INDEX

2 = 0.44, 2 = 0.09, 2 = 0.09, 3 = 0.00, 4 = 0.63, 5 = 0.00, 6 = 0.44, 6 = 0.09, 6 = 0.09 and 8 = 0.14

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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.

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924698
L265307	T10	COMMON	7	1	Job Reference (optional)

NOTES

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 149 lb uplift at joint 2 and 149 lb uplift at joint 6.

LOAD CASE(S) Standard

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T10G	GABLE	2	1	J1924699
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 16:22:30 2008 Page 1

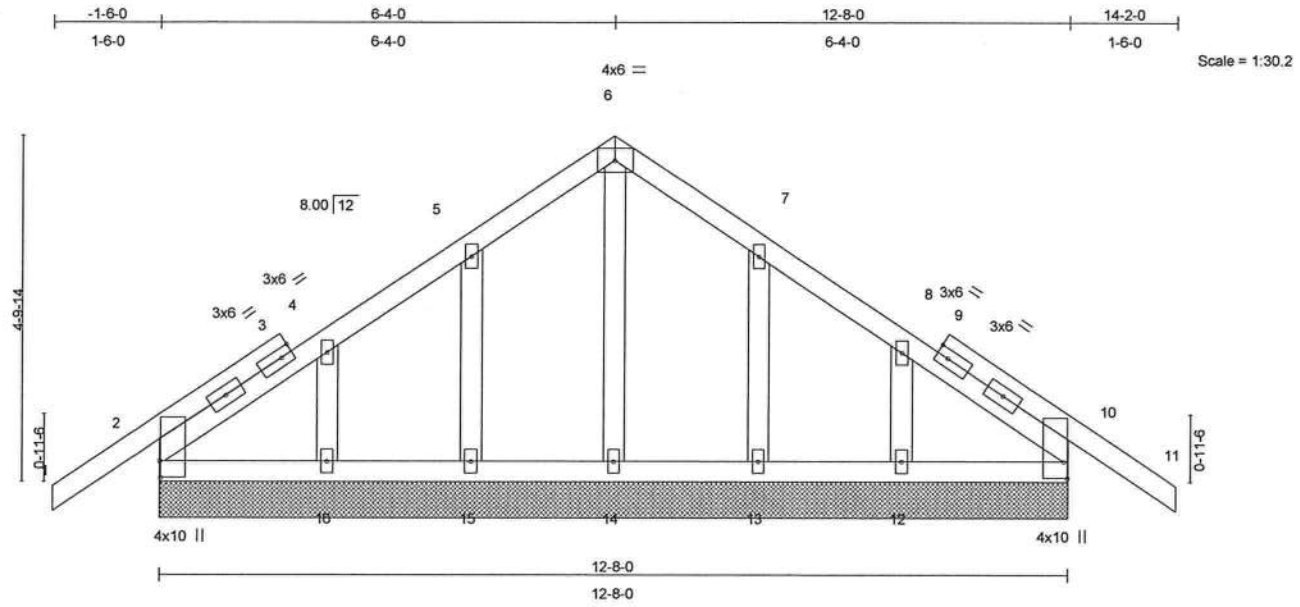

Plate Offsets (X,Y): [2:0-2-12,0-0-2], [10:0-2-12,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.02	11	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.00	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 74 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=305/12-8-0, 10=305/12-8-0, 14=156/12-8-0, 15=205/12-8-0, 16=173/12-8-0, 13=205/12-8-0, 12=173/12-8-0
Max Horz 2=158(load case 5)
Max Uplift 2=-152(load case 6), 10=-171(load case 7), 14=-7(load case 5), 15=-142(load case 6), 16=-128(load case 6), 13=-141(load case 7), 12=-125(load case 7)
Max Grav 2=305(load case 1), 10=305(load case 1), 14=156(load case 1), 15=209(load case 10), 16=173(load case 1), 13=209(load case 11), 12=173(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3/32, 2-3=-120/106, 3-4=-113/104, 4-5=-83/88, 5-6=-85/133, 6-7=-85/133, 7-8=-83/61, 8-9=-51/42, 9-10=-120/44, 10-11=-3/32
BOT CHORD 2-16=-27/101, 15-16=-27/101, 14-15=-27/101, 13-14=-27/101, 12-13=-27/101, 10-12=-27/101
WEBS 6-14=-137/19, 5-15=-187/152, 4-16=-159/148, 7-13=-187/151, 8-12=-159/145

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JOINT STRESS INDEX
2 = 0.72, 3 = 0.00, 3 = 0.16, 3 = 0.16, 4 = 0.07, 5 = 0.09, 6 = 0.14, 7 = 0.09, 8 = 0.07, 9 = 0.00, 9 = 0.16, 9 = 0.16, 10 = 0.72, 12 = 0.08, 13 = 0.08, 14 = 0.05, 15 = 0.08 and 16 = 0.08

January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924699
L265307	T10G	GABLE	2	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 152 lb uplift at joint 2, 171 lb uplift at joint 10, 7 lb uplift at joint 14, 142 lb uplift at joint 15, 128 lb uplift at joint 16, 141 lb uplift at joint 13 and 125 lb uplift at joint 12.
10) 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=-89(F=-35), 6-11=-89(F=-35), 2-10=-10

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T11	COMMON	1	2	J1924700
					Job Reference (optional)

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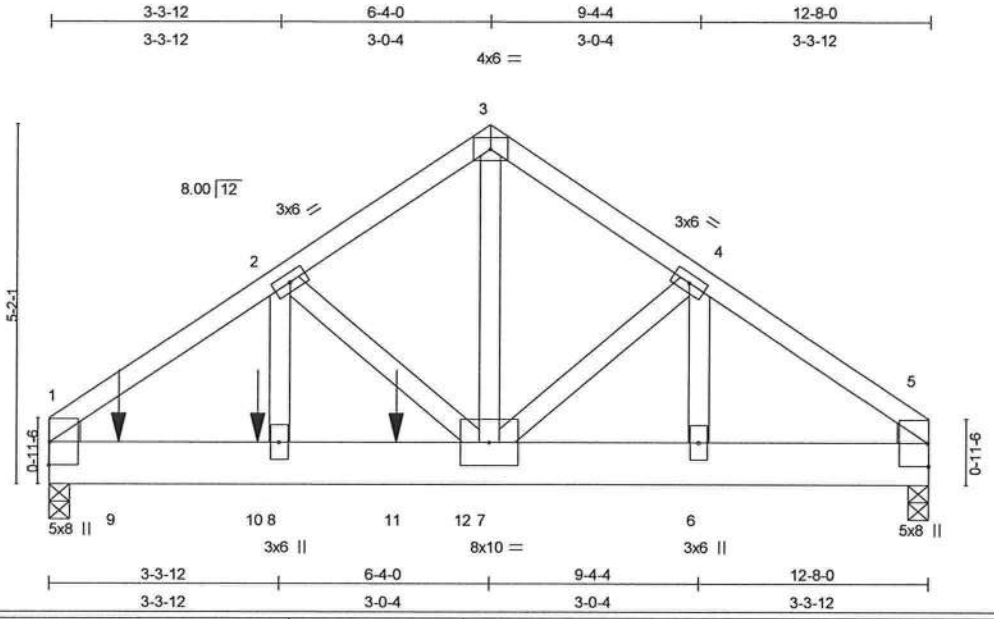

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.03	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.05	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.43	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 174 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
WEDGE
Left: 2 X 4 SYP No.3, Right: 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=2405/0-3-8, 5=2858/0-3-8
Max Horz 1=-130(load case 3)
Max Uplift 1=-648(load case 5), 5=-793(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3353/904, 2-3=-2611/757, 3-4=-2612/758, 4-5=-3374/931
BOT CHORD 1-9=-694/2513, 9-10=-694/2513, 8-10=-694/2513, 8-11=-694/2513, 11-12=-694/2513, 7-12=-694/2513, 6-7=-674/2543, 5-6=-674/2543
WEBS 2-8=-223/879, 2-7=-501/188, 3-7=-766/2661, 4-7=-541/241, 4-6=-278/918

JOINT STRESS INDEX
1 = 0.57, 1 = 0.00, 2 = 0.35, 3 = 0.71, 4 = 0.35, 5 = 0.57, 5 = 0.00, 6 = 0.15, 7 = 0.25 and 8 = 0.15

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 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.

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January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T11	COMMON	1	2	J1924700 Job Reference (optional)

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NOTES

4) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 648 lb uplift at joint 1 and 793 lb uplift at joint 5.
8) Girder carries tie-in span(s): 25-0-0 from 6-0-0 to 12-8-0

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-5=-54, 1-12=-10, 5-12=-373(F=-363)
   Concentrated Loads (lb)
   Vert: 9=-204(F) 10=-257(F) 11=-1640(F)

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T12	COMMON	1	2	J1924701
					Job Reference (optional)

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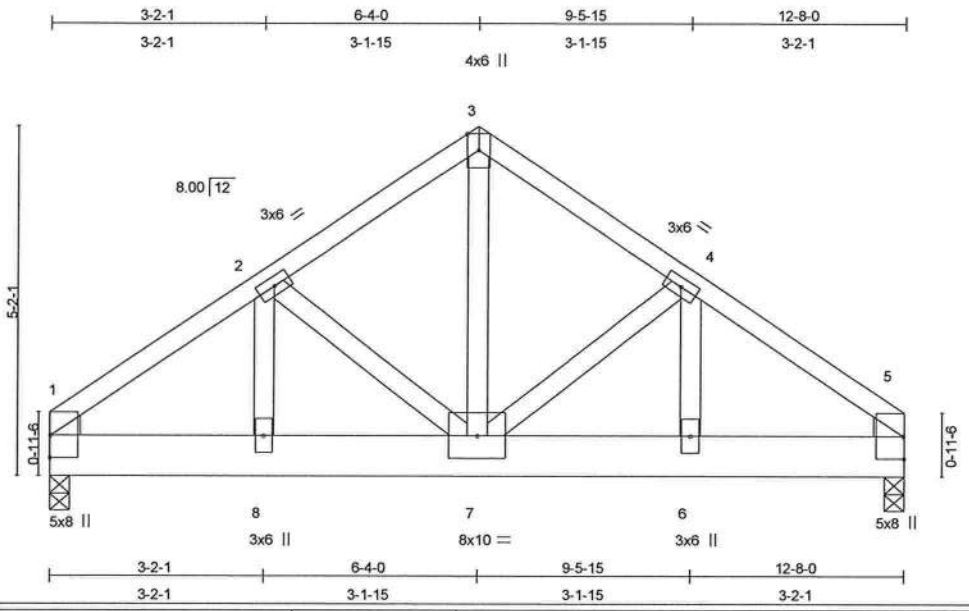

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.03	7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.06	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.51	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 174 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
WEDGE
Left: 2 X 4 SYP No.3, Right: 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=3680/0-3-8, 5=3680/0-3-8
Max Horz 1=-130(load case 3)
Max Uplift 1=-1049(load case 5), 5=-1049(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4287/1218, 2-3=-3091/920, 3-4=-3091/920, 4-5=-4287/1219
BOT CHORD 1-8=-940/3229, 7-8=-940/3229, 6-7=-891/3229, 5-6=-891/3229
WEBS 2-8=-414/1471, 2-7=-896/315, 3-7=-940/3178, 4-7=-896/316, 4-6=-418/1471

JOINT STRESS INDEX
1 = 0.70, 1 = 0.00, 2 = 0.54, 3 = 0.37, 4 = 0.54, 5 = 0.70, 5 = 0.00, 6 = 0.23, 7 = 0.29 and 8 = 0.23

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 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.

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924701
L265307	T12	COMMON	1	2	Job Reference (optional)

NOTES

3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1049 lb uplift at joint 1 and 1049 lb uplift at joint 5.
8) Girder carries tie-in span(s): 35-2-0 from 0-0-0 to 12-8-0

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=-541(F=-531)

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January 10,2008

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T13	SPECIAL	1	1	J1924702
					Job Reference (optional)

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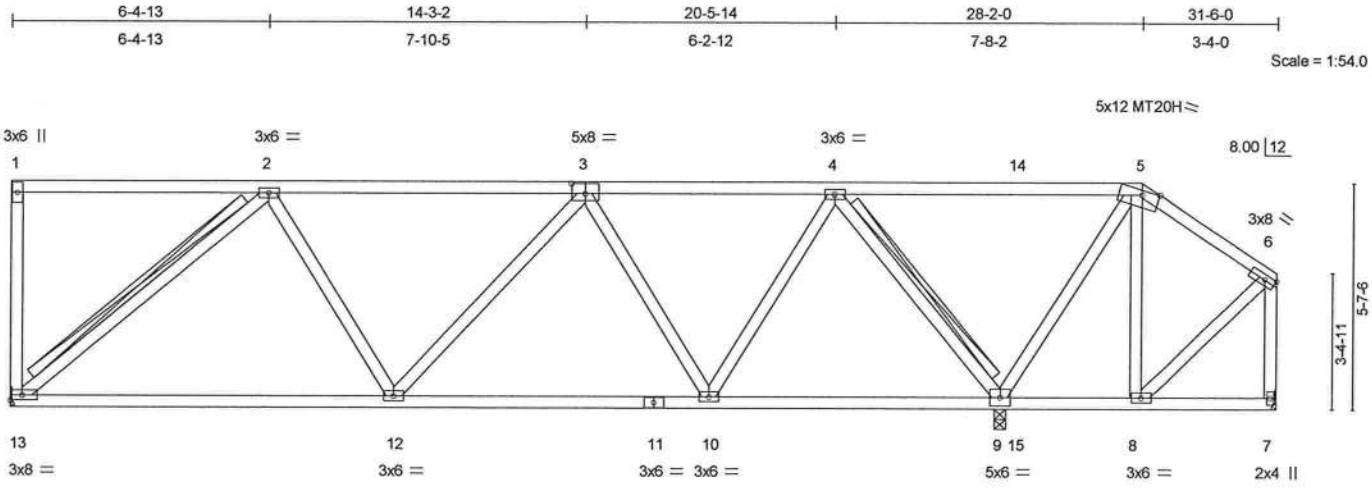

Simpson HTU26

Simpson HTU26

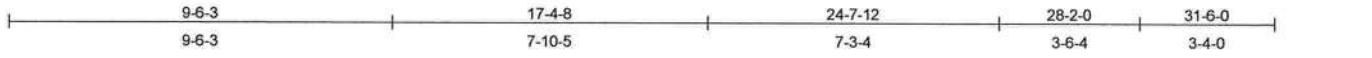

Plate Offsets (X,Y): [3:0-4-0,0-3-0], [5:0-5-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.87	Vert(LL)	-0.15	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.40	12-13	>738	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.78	Horz(TL)	0.05	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 188 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 3-10-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 2-13, 4-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 13=1521/Mechanical, 9=2814/0-3-8, 7=-465/Mechanical
Max Horz 13=-69(load case 6)
Max Uplift 13=-557(load case 4), 9=-986(load case 4), 7=-465(load case 1)
Max Grav 13=1521(load case 1), 9=2814(load case 1), 7=255(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-13=-306/160, 1-2=-62/5, 2-3=-1491/510, 3-4=-1035/364, 4-14=-342/898, 5-14=-342/897, 5-6=-178/462, 6-7=-238/483
BOT CHORD 12-13=-538/1369, 11-12=-581/1507, 10-11=-581/1507, 9-10=-208/471, 9-15=-281/106, 8-15=-281/106, 7-8=-20/24
WEBS 2-13=-1715/698, 2-12=0/335, 3-12=-23/125, 3-10=-934/426, 4-10=-313/1118, 4-9=-2224/890, 5-9=-1116/423, 5-8=-78/256, 6-8=-369/120

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JOINT STRESS INDEX
1 = 0.55, 2 = 0.52, 3 = 0.76, 4 = 0.88, 5 = 0.95, 6 = 0.73, 7 = 0.35, 8 = 0.37, 9 = 0.39, 10 = 0.88, 11 = 0.49, 12 = 0.44 and 13 = 0.67

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924702
L265307	T13	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are MT20 plates unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 557 lb uplift at joint 13, 986 lb uplift at joint 9 and 465 lb uplift at joint 7.
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: 1-14=-118(F=-64), 5-14=-54, 5-6=-54, 13-15=-22(F=-12), 7-15=-10

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T14	SPECIAL	1	1	J1924703 Job Reference (optional)

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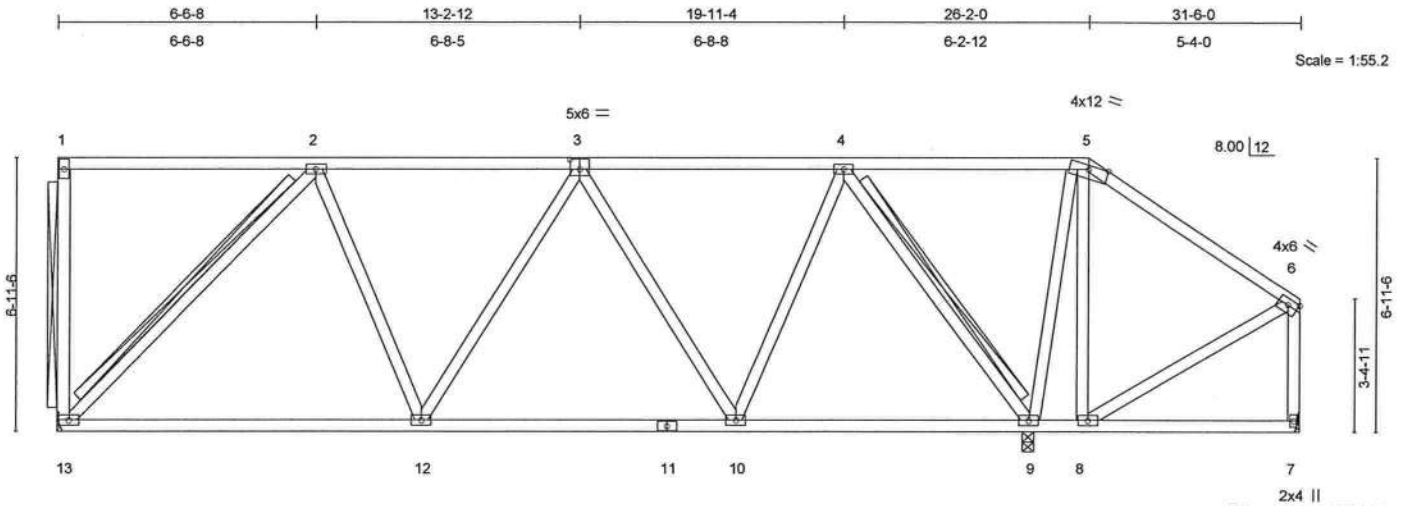

Plate Offsets (X,Y): [3:0-3-0,0-3-0], [6:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	-0.14	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.24	12-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.39	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 205 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, Except:
6-0-0 oc bracing: 8-9.
WEBS T-Brace: 2 X 4 SYP No.3 - 1-13, 2-13, 4-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 13=726/Mechanical, 9=1293/0-3-8, 7=-21/Mechanical
Max Horz 13=-112(load case 7)
Max Uplift 13=-265(load case 5), 9=-389(load case 5), 7=-29(load case 7)
Max Grav 13=726(load case 1), 9=1293(load case 1), 7=127(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-13=-155/108, 1-2=-28/7, 2-3=-591/327, 3-4=-452/293, 4-5=-94/223, 5-6=-99/238, 6-7=-110/102
BOT CHORD 12-13=-208/529, 11-12=-242/630, 10-11=-242/630, 9-10=-125/302, 8-9=-123/106, 7-8=-26/33
WEBS 2-13=-729/437, 2-12=-47/253, 3-12=-76/118, 3-10=-345/185, 4-10=-121/398, 4-9=-894/446, 5-9=-489/295, 5-8=-44/103, 6-8=-183/155

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924703
L265307	T14	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

1 = 0.28, 2 = 0.47, 3 = 0.44, 4 = 0.47, 5 = 0.84, 6 = 0.75, 7 = 0.66, 8 = 0.34, 9 = 0.38, 10 = 0.47, 11 = 0.22, 12 = 0.47 and 13 = 0.59

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are 3x6 MT20 unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 265 lb uplift at joint 13, 389 lb uplift at joint 9 and 29 lb uplift at joint 7.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T15	SPECIAL	1	1	J1924704 Job Reference (optional)

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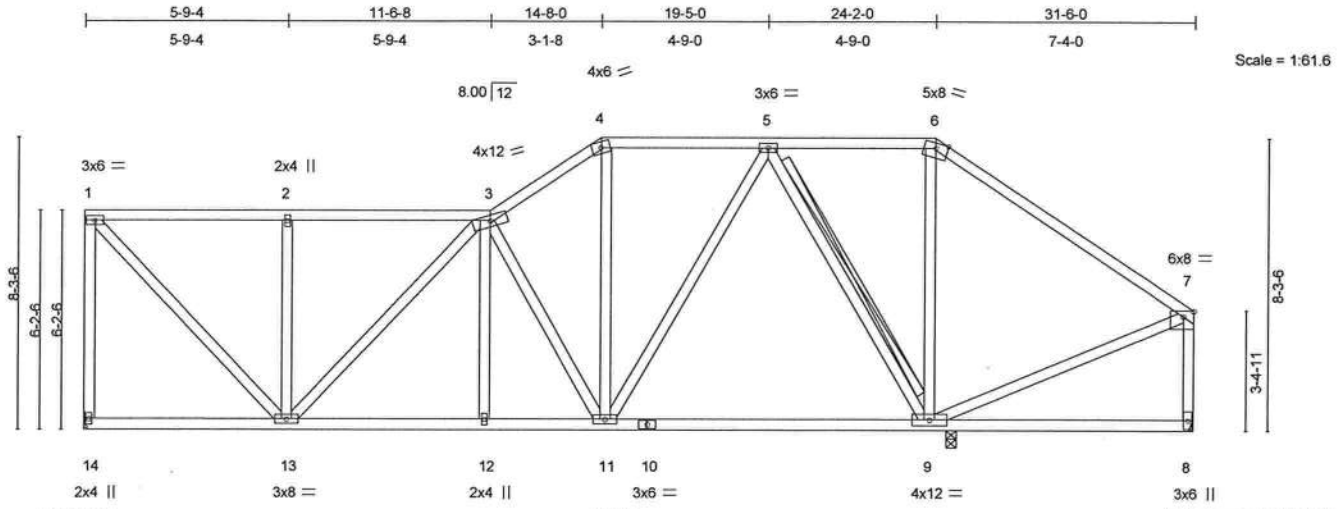

Simpson HTU26 Simpson HTU26

Plate Offsets (X,Y): [7:0-3-8,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	0.70	Vert(LL)	-0.12	9-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.22	9-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.01	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 220 lb	

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

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

REACTIONS (lb/size) 14=680/Mechanical, 8=-38/Mechanical, 9=1355/0-3-8
Max Horz 14=-131(load case 4)
Max Uplift 14=-230(load case 4), 8=-193(load case 10), 9=-327(load case 4)
Max Grav 14=680(load case 1), 8=109(load case 5), 9=1355(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-14=-650/375, 1-2=-510/276, 2-3=-510/275, 3-4=-531/327, 4-5=-402/311, 5-6=-59/241, 6-7=-102/362, 7-8=-90/223
BOT CHORD 13-14=-64/124, 12-13=-235/628, 11-12=-235/627, 10-11=-83/158, 9-10=-83/158, 8-9=-62/73
WEBS 1-13=-386/713, 2-13=-339/244, 3-13=-168/112, 3-12=0/82, 3-11=-470/277, 4-11=-42/129, 5-11=-197/487, 5-9=-795/365, 6-9=-493/301, 7-9=-307/256

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JOINT STRESS INDEX
1 = 0.47, 2 = 0.33, 3 = 0.50, 4 = 0.29, 5 = 0.43, 6 = 0.72, 7 = 0.59, 8 = 0.26, 9 = 0.37, 10 = 0.15, 11 = 0.59, 12 = 0.33, 13 = 0.69 and 14 = 0.44

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T15	SPECIAL	1	1	J1924704 Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 230 lb uplift at joint 14, 193 lb uplift at joint 8 and 327 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM J1924705
L265307	T16	SPECIAL	1	1	Job Reference (optional)

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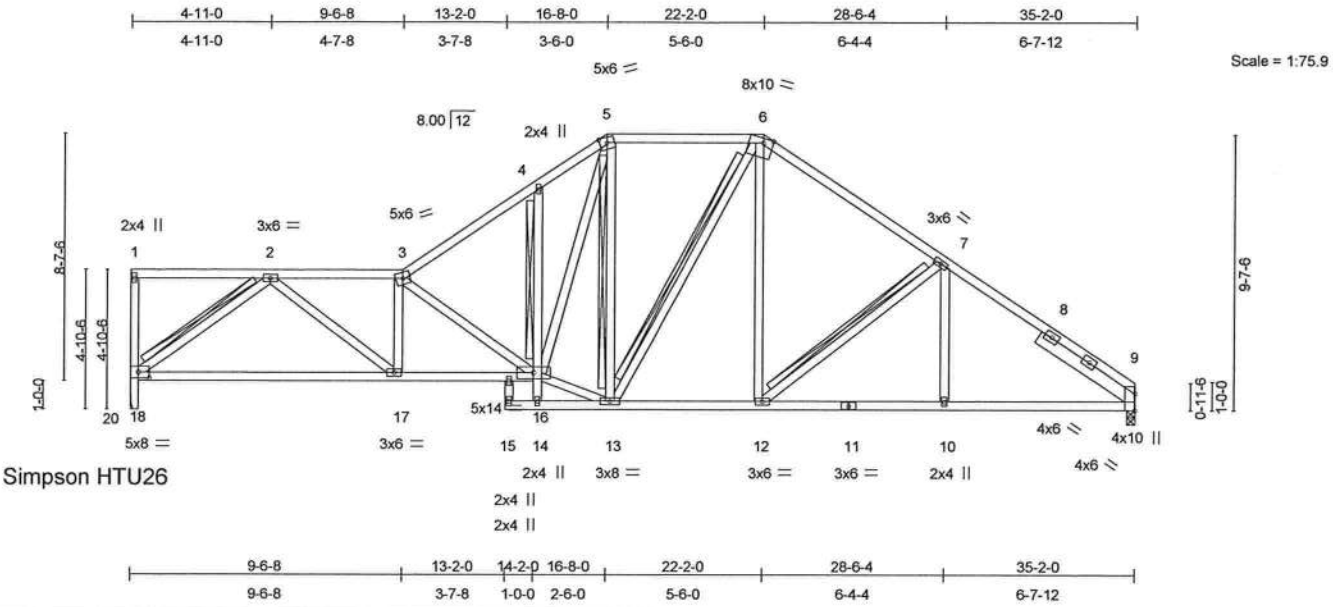

Plate Offsets (X,Y): [6:0-4-0,Edge], [9:0-7-3,Edge], [18:0-4-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.90	Vert(LL)	-0.17	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.60	Vert(TL)	-0.33	17-18	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.14	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 247 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 4-14 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
SLIDER	Right 2 X 6 SYP No.1D 4-0-15

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-2-6 oc purlins, except end verticals.	
BOT CHORD	Rigid ceiling directly applied or 6-10-12 oc bracing. Except:	
	T-Brace:	2 X 4 SYP No.3 - 4-16
WEBS	T-Brace:	2 X 4 SYP No.3 - 2-18, 5-13, 6-13, 7-12

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 9=1125/0-3-8, 20=1128/Mechanical
Max Horz 20=-253(load case 4)
Max Uplift 9=-204(load case 7), 20=-243(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	18-20=-1128/559, 1-18=-125/75, 1-2=-70/32, 2-3=-2193/992, 3-4=-1785/861, 4-5=-1716/968, 5-6=-1071/679, 6-7=-1304/701, 7-8=-1522/733, 8-9=-1614/708
BOT CHORD	17-18=-417/1316, 16-17=-809/2218, 14-16=0/62, 4-16=-158/188, 14-15=0/0, 13-14=-38/109, 12-13=-259/1015, 11-12=-461/1221, 10-11=-461/1221, 9-10=-461/1221
WEBS	2-18=-1589/830, 2-17=-482/1121, 3-17=-617/372, 3-16=-987/459, 13-16=-255/1043, 5-16=-568/1218, 5-13=-501/209, 6-13=-143/245, 6-12=-119/296, 7-12=-289/258, 7-10=0/189

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924705
L265307	T16	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

1 = 0.80, 2 = 0.65, 3 = 0.48, 4 = 0.61, 5 = 0.68, 6 = 0.58, 7 = 0.41, 8 = 0.00, 9 = 0.71, 9 = 0.29, 9 = 0.29, 10 = 0.33, 11 = 0.45, 12 = 0.34, 13 = 0.94, 14 = 0.33, 15 = 0.33, 16 = 0.74, 17 = 0.65, 18 = 0.47 and 19 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 204 lb uplift at joint 9 and 243 lb uplift at joint 20.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T17	SPECIAL	1	1	J1924706
					Job Reference (optional)

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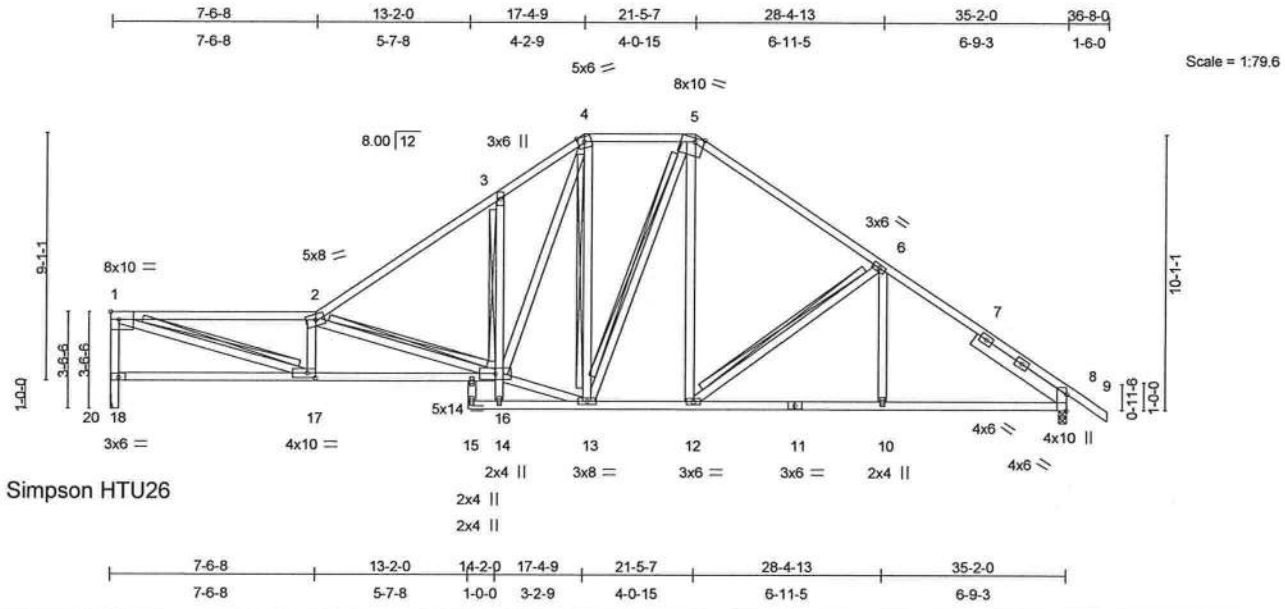

Simpson HTU26

Plate Offsets (X,Y): [1:Edge,0-3-8], [5:0-4-0,Edge], [8:0-7-3,Edge], [17:0-3-8,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.95	Vert(LL)	0.27	16-17	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.49	16-17	>855	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.94	Horz(TL)	0.15	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 248 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 3-14 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
SLIDER	Right 2 X 6 SYP No.1D 4-1-12

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-4-4 oc purlins, except end verticals, and 2-0-0 oc purlins (3-3-6 max.): 1-2, 4-5.
BOT CHORD	Rigid ceiling directly applied or 5-8-0 oc bracing. Except: T-Brace: 2 X 4 SYP No.3 - 3-16
WEBS	T-Brace: 2 X 4 SYP No.3 - 1-17, 2-16, 4-13, 5-13 , 6-12
	Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
	Brace must cover 90% of web length.
JOINTS	1 Brace at Jt(s): 1

REACTIONS (lb/size) 8=1208/0-3-8, 20=1126/Mechanical
Max Horz 20=-275(load case 4)
Max Uplift 8=-275(load case 7), 20=-241(load case 6)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM J1924706
L265307	T17	SPECIAL	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 18-20=-1126/542, 1-18=-1069/541, 1-2=-2968/1332, 2-3=-1842/852, 3-4=-1778/1019, 4-5=-1011/666, 5-6=-1276/689, 6-7=-1514/726, 7-8=-1603/702, 8-9=0/20

BOT CHORD 17-18=-268/328, 16-17=-1198/3021, 14-16=0/86, 3-16=-284/299, 14-15=0/0, 13-14=-50/55, 12-13=-211/984, 11-12=-427/1214, 10-11=-427/1214, 8-10=-427/1214

WEBS 1-17=-1386/2935, 2-17=-828/487, 2-16=-1654/806, 13-16=-180/1006, 4-16=-612/1247, 4-13=-428/194, 5-13=-154/224, 5-12=-120/301, 6-12=-314/269, 6-10=0/204

JOINT STRESS INDEX

1 = 0.50, 2 = 0.72, 3 = 0.26, 4 = 0.69, 5 = 0.62, 6 = 0.41, 7 = 0.00, 8 = 0.72, 8 = 0.29, 8 = 0.29, 10 = 0.33, 11 = 0.46, 12 = 0.34 , 13 = 0.89, 14 = 0.33, 15 = 0.33, 16 = 0.75, 17 = 0.56, 18 = 0.53 and 19 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 275 lb uplift at joint 8 and 241 lb uplift at joint 20.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T18	SPECIAL	1	1	J1924707
					Job Reference (optional)

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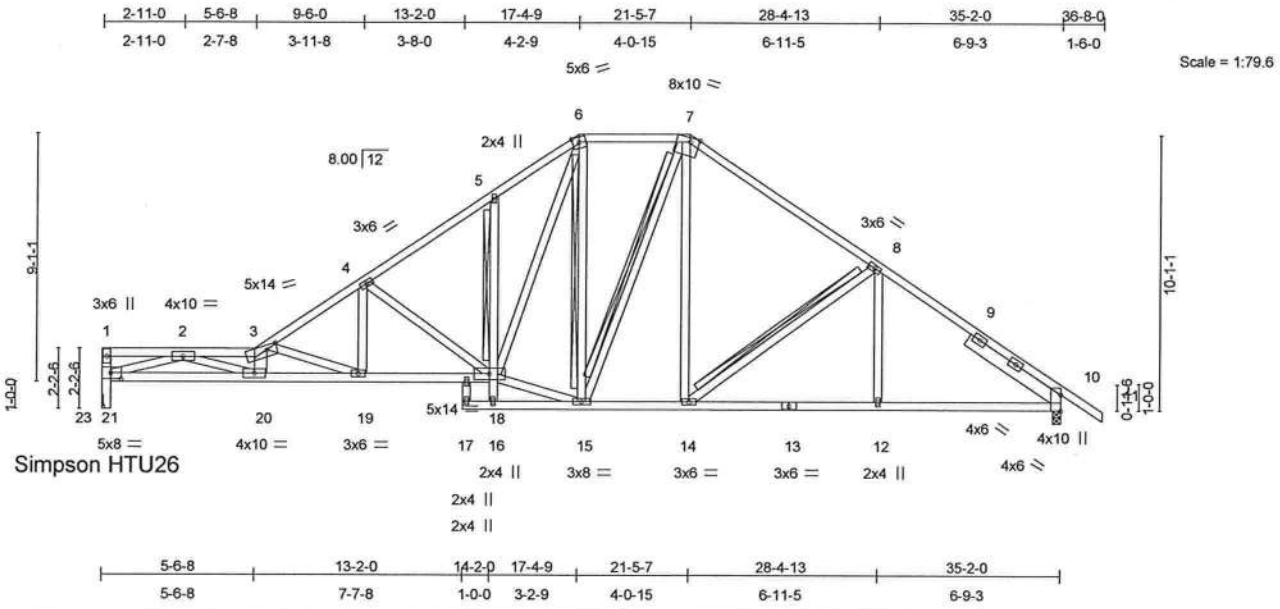

Plate Offsets (X,Y): [3:0-4-8,0-2-0], [7:0-4-0,Edge], [10:0-7-3,Edge], [21:0-4-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.94	Vert(LL)	0.38	19-20	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.96	Vert(TL)	-0.68	19-20	>615	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.89	Horz(TL)	0.28	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 251 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 18-21 2 X 4 SYP No.1D, 5-16 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3 *Except* 3-20 2 X 6 SYP No.1D
SLIDER	Right 2 X 6 SYP No.1D 4-1-12

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-4-11 oc purlins, except end verticals, and 2-0-0 oc purlins (2-3-0 max.): 1-3, 6-7.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing. Except: T-Brace: 2 X 4 SYP No.3 - 5-18
WEBS	T-Brace: 2 X 4 SYP No.3 - 6-15, 7-15, 8-14
	Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
	Brace must cover 90% of web length.
JOINTS	1 Brace at Jt(s): 1

REACTIONS (lb/size) 10=1208/0-3-8, 23=1126/Mechanical
Max Horz 23=-276(load case 4)
Max Uplift 10=-277(load case 7), 23=-237(load case 6)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T18	SPECIAL	1	1	J1924707 Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 21-23=-1126/532, 1-21=-120/69, 1-2=-311/260, 2-3=-5481/2421, 3-4=-2712/1223, 4-5=-1788/874, 5-6=-1743/1006, 6-7=-1012/673, 7-8=-1276/694, 8-9=-1514/731, 9-10=-1603/707, 10-11=0/20

BOT CHORD 20-21=-1245/3081, 19-20=-2203/5266, 18-19=-868/2259, 16-18=0/89, 5-18=-194/220, 16-17=0/0, 15-16=-55/110, 14-15=-215/984, 13-14=-431/1214, 12-13=-431/1214, 10-12=-431/1214

WEBS 2-21=-2951/1440, 3-20=-877/450, 15-18=-176/950, 6-18=-588/1191, 6-15=-419/206, 7-15=-160/228, 7-14=-120/302, 8-14=-315/269, 8-12=0/204, 3-19=-3085/1370, 4-18=-1038/551, 2-20=-1121/2517, 4-19=-327/828

JOINT STRESS INDEX

1 = 0.37, 2 = 0.88, 3 = 0.91, 4 = 0.61, 5 = 0.41, 6 = 0.66, 7 = 0.61, 8 = 0.41, 9 = 0.00, 10 = 0.72, 10 = 0.29, 10 = 0.29, 12 = 0.33, 13 = 0.46, 14 = 0.34, 15 = 0.84, 16 = 0.37, 17 = 0.33, 18 = 0.72, 19 = 0.85, 20 = 0.66, 21 = 0.58 and 22 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 277 lb uplift at joint 10 and 237 lb uplift at joint 23.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T19	SPECIAL	3	1	J1924708
					Job Reference (optional)

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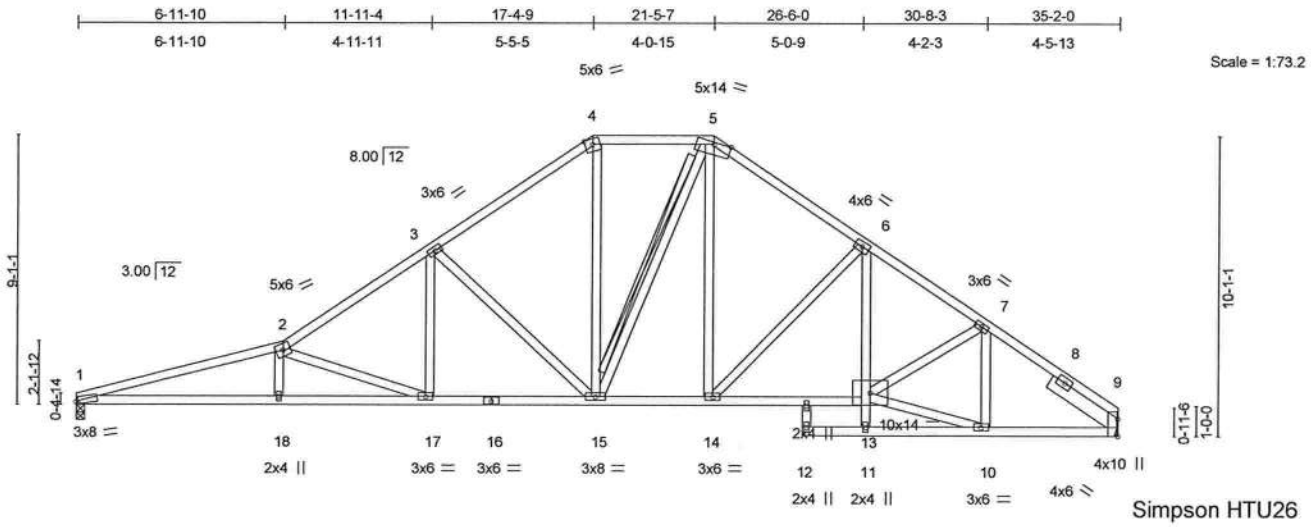

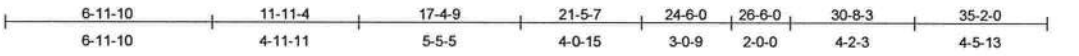

Plate Offsets (X,Y): [1:0-0-14,0-0-15], [9:0-7-3,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	0.28	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.48	17-18	>875	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.15	9	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* 6-11 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
SLIDER	Right 2 X 6 SYP No.1D 2-9-5

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-9-15 oc purlins, except 2-0-0 oc purlins (5-8-8 max.): 4-5.
BOT CHORD	Rigid ceiling directly applied or 4-10-2 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 5-15

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 1=1127/0-3-8, 9=1136/Mechanical
Max Horz 1=246(load case 5)
Max Uplift 1=-240(load case 6), 9=-211(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-3606/1728, 2-3=-2170/1053, 3-4=-1447/786, 4-5=-1142/724, 5-6=-1389/758, 6-7=-1777/849, 7-8=-1548/734, 8-9=-1626/722
BOT CHORD	1-18=-1585/3437, 17-18=-1587/3431, 16-17=-671/1746, 15-16=-671/1746, 14-15=-270/1093, 13-14=-498/1464, 11-13=0/141, 6-13=-100/397, 11-12=0/0, 10-11=-51/63, 9-10=-482/1212
WEBS	2-18=0/180, 2-17=-1797/977, 3-17=-307/682, 3-15=-831/512, 4-15=-254/497, 5-15=-163/257, 5-14=-189/399, 6-14=-531/325, 10-13=-448/1197, 7-13=-57/285, 7-10=-344/164

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T19	SPECIAL	3	1	J1924708 Job Reference (optional)

JOINT STRESS INDEX

1 = 0.80, 2 = 0.63, 3 = 0.50, 4 = 0.42, 5 = 0.77, 6 = 0.31, 7 = 0.41, 8 = 0.00, 9 = 0.67, 9 = 0.57, 10 = 0.65, 11 = 0.42, 12 = 0.33 , 13 = 0.43, 14 = 0.36, 15 = 0.62, 16 = 0.59, 17 = 0.49, 18 = 0.33 and 19 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 240 lb uplift at joint 1 and 211 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM J1924709
L265307	T20	SPECIAL	1	1	Job Reference (optional)

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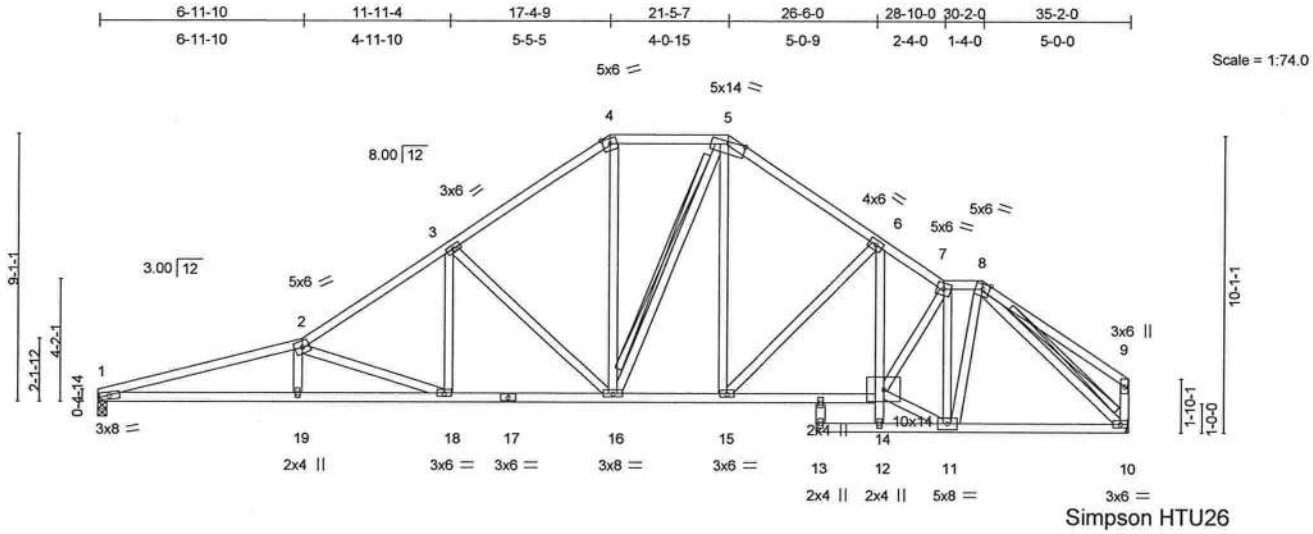

Plate Offsets (X,Y): [1:0-3-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	0.29	18-19	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.48	18-19	>875	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.92	Horz(TL)	0.15	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 238 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-10-1 oc purlins, except end verticals, and 2-0-0 oc purlins (5-7-14 max.): 4-5, 7-8.
BOT CHORD Rigid ceiling directly applied or 4-8-15 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-16, 8-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 1=1122/0-3-8, 10=1132/Mechanical
Max Horz 1=244(load case 5)
Max Uplift 1=-239(load case 6), 10=-209(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3588/1724, 2-3=-2158/1050, 3-4=-1436/784, 4-5=-1133/723, 5-6=-1374/755, 6-7=-1707/846, 7-8=-1152/613, 8-9=-207/168, 9-10=-206/170
BOT CHORD 1-19=-1651/3419, 18-19=-1653/3414, 17-18=-740/1735, 16-17=-740/1735, 15-16=-338/1082, 14-15=-568/1447, 12-14=0/89, 6-14=-103/386, 12-13=0/0, 11-12=-63/55, 10-11=-418/993
WEBS 2-19=0/180, 2-18=-1790/974, 3-18=-307/680, 3-16=-829/512, 4-16=-253/492, 5-16=-154/259, 5-15=-186/388, 6-15=-521/328, 11-14=-478/1279, 7-14=-140/475, 7-11=-1231/490, 8-11=-225/670, 8-10=-1249/507

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T20	SPECIAL	1	1	J1924709 Job Reference (optional)

JOINT STRESS INDEX

1 = 0.80, 2 = 0.62, 3 = 0.50, 4 = 0.42, 5 = 0.80, 6 = 0.36, 7 = 0.46, 8 = 0.43, 9 = 0.32, 10 = 0.48, 11 = 0.57, 12 = 0.43, 13 = 0.33, 14 = 0.44, 15 = 0.36, 16 = 0.62, 17 = 0.58, 18 = 0.49, 19 = 0.33 and 20 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 239 lb uplift at joint 1 and 209 lb uplift at joint 10.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T21	SPECIAL	1	1	J1924710
					Job Reference (optional)

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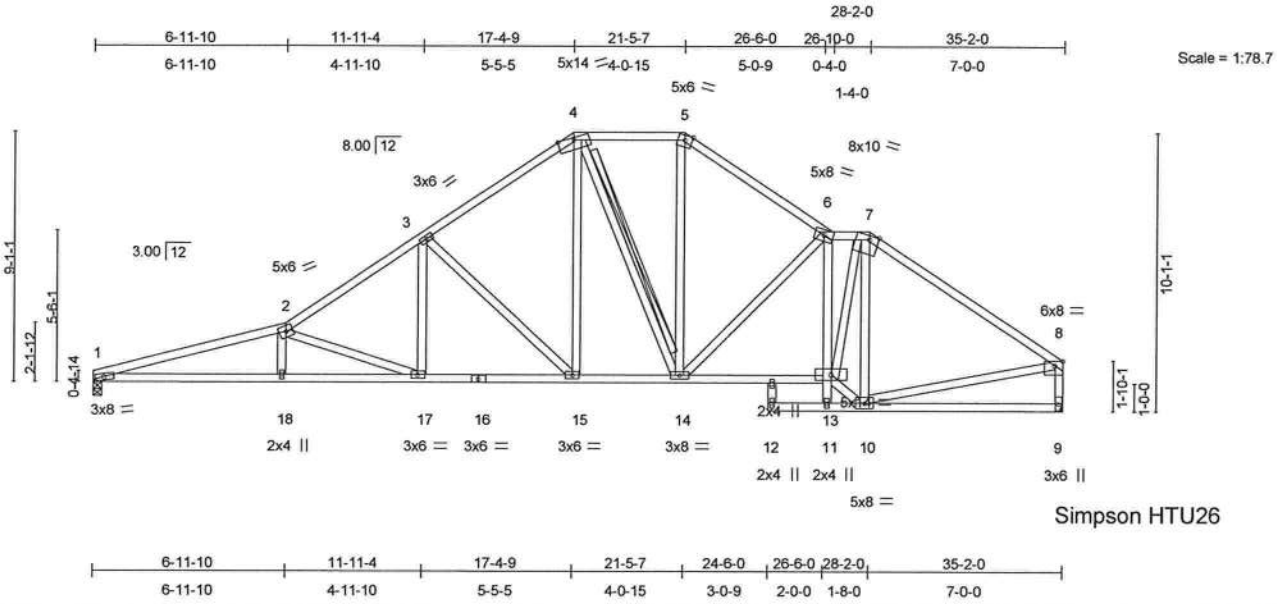

Simpson HTU26

Plate Offsets (X,Y): [1:0-3-12,0-1-8], [7:0-4-0,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	0.68	Vert(LL)	0.29	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.48	17-18	>870	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.92	Horz(TL)	0.15	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 235 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 6-11 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-10-1 oc purlins, except end verticals, and 2-0-0 oc purlins (4-10-11 max.): 4-5, 6-7.
BOT CHORD Rigid ceiling directly applied or 4-8-15 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-14
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 1=1122/0-3-8, 9=1132/Mechanical
Max Horz 1=240(load case 5)
Max Uplift 1=-239(load case 6), 9=-209(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3588/1725, 2-3=-2158/1052, 3-4=-1434/785, 4-5=-1086/697, 5-6=-1371/754, 6-7=-1363/734, 7-8=-1364/635, 8-9=-1092/533
BOT CHORD 1-18=-1652/3419, 17-18=-1654/3414, 16-17=-741/1736, 15-16=-741/1736, 14-15=-368/1133, 13-14=-540/1376, 11-13=-22/37, 6-13=-383/179, 11-12=0/0, 10-11=-103/109, 9-10=-119/162
WEBS 2-18=0/179, 2-17=-1789/974, 3-17=-308/682, 3-15=-833/514, 4-15=-317/603, 4-14=-250/148, 5-14=-241/461, 6-14=-419/286, 7-10=-843/357, 8-10=-303/907, 10-13=-374/1135, 7-13=-417/1151

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924710
L265307	T21	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

1 = 0.80, 2 = 0.62, 3 = 0.50, 4 = 0.86, 5 = 0.41, 6 = 0.46, 7 = 0.56, 8 = 0.46, 9 = 0.36, 10 = 0.52, 11 = 0.50, 12 = 0.33, 13 = 0.77, 14 = 0.62, 15 = 0.38, 16 = 0.59, 17 = 0.49, 18 = 0.33 and 19 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 239 lb uplift at joint 1 and 209 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T22	SPECIAL	1	1	J1924711
					Job Reference (optional)

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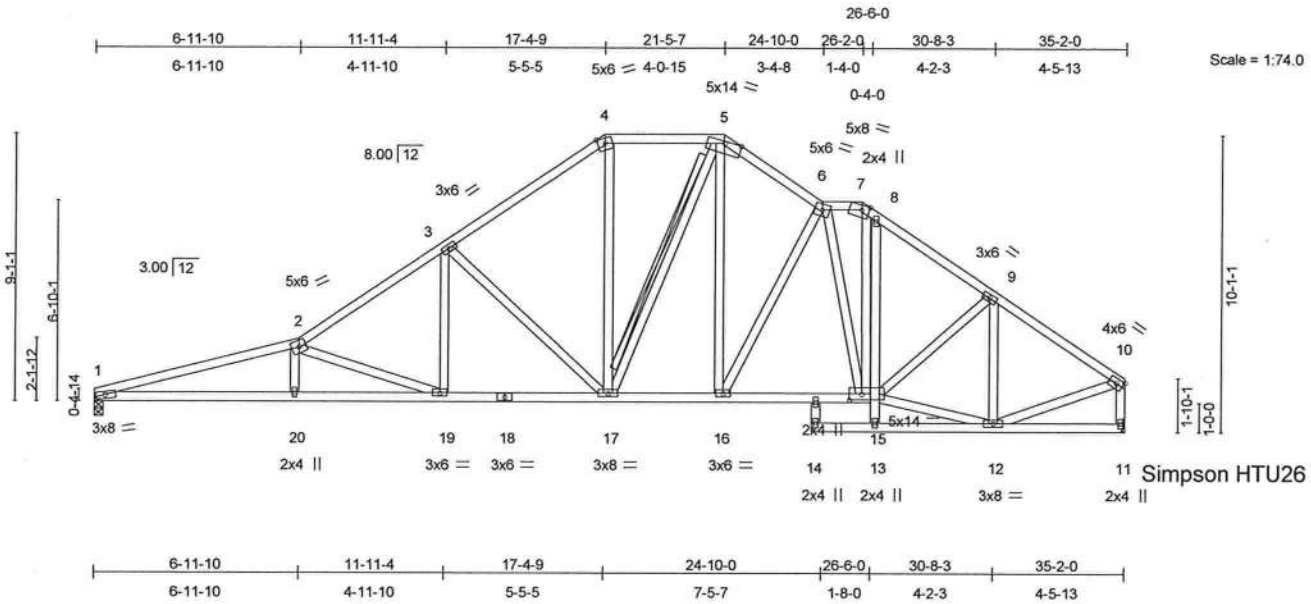

Plate Offsets (X,Y): [1:0-3-12,0-1-8], [7:0-3-0,Edge], [15:0-5-0,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	0.28	19-20	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.47	19-20	>891	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.92	Horz(TL)	0.14	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 251 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 8-13 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-10-1 oc purlins, except end verticals, and 2-0-0 oc purlins (5-7-1 max.): 4-5, 6-7.
BOT CHORD Rigid ceiling directly applied or 4-8-15 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-17
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 1=1122/0-3-8, 11=1132/Mechanical
Max Horz 1=243(load case 5)
Max Uplift 1=-239(load case 6), 11=-209(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3589/1726, 2-3=-2157/1051, 3-4=-1436/785, 4-5=-1134/724, 5-6=-1312/767, 6-7=-1143/659, 7-8=-1296/745, 8-9=-1478/747, 9-10=-1234/577, 10-11=-1098/521
BOT CHORD 1-20=-1654/3420, 19-20=-1656/3414, 18-19=-740/1735, 17-18=-740/1735, 16-17=-335/1078, 15-16=-458/1245, 13-15=0/133, 8-15=-46/135, 13-14=0/0, 12-13=-43/38, 11-12=-49/75
WEBS 2-20=0/180, 2-19=-1791/976, 3-19=-307/680, 3-17=-827/510, 4-17=-242/483, 5-17=-144/259, 5-16=-212/377, 6-15=-387/214, 7-15=-251/410, 12-15=-379/963, 9-15=-73/265, 9-12=-548/265, 10-12=-386/958, 6-16=-365/267

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T22	SPECIAL	1	1	J1924711 Job Reference (optional)

JOINT STRESS INDEX

1 = 0.80, 2 = 0.63, 3 = 0.50, 4 = 0.45, 5 = 0.60, 6 = 0.35, 7 = 0.49, 8 = 0.33, 9 = 0.41, 10 = 0.62, 11 = 0.57, 12 = 0.86, 13 = 0.33, 14 = 0.33, 15 = 0.75, 16 = 0.45, 17 = 0.62, 18 = 0.58, 19 = 0.49, 20 = 0.33 and 21 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 239 lb uplift at joint 1 and 209 lb uplift at joint 11.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T23	SPECIAL	1	1	J1924712
					Job Reference (optional)

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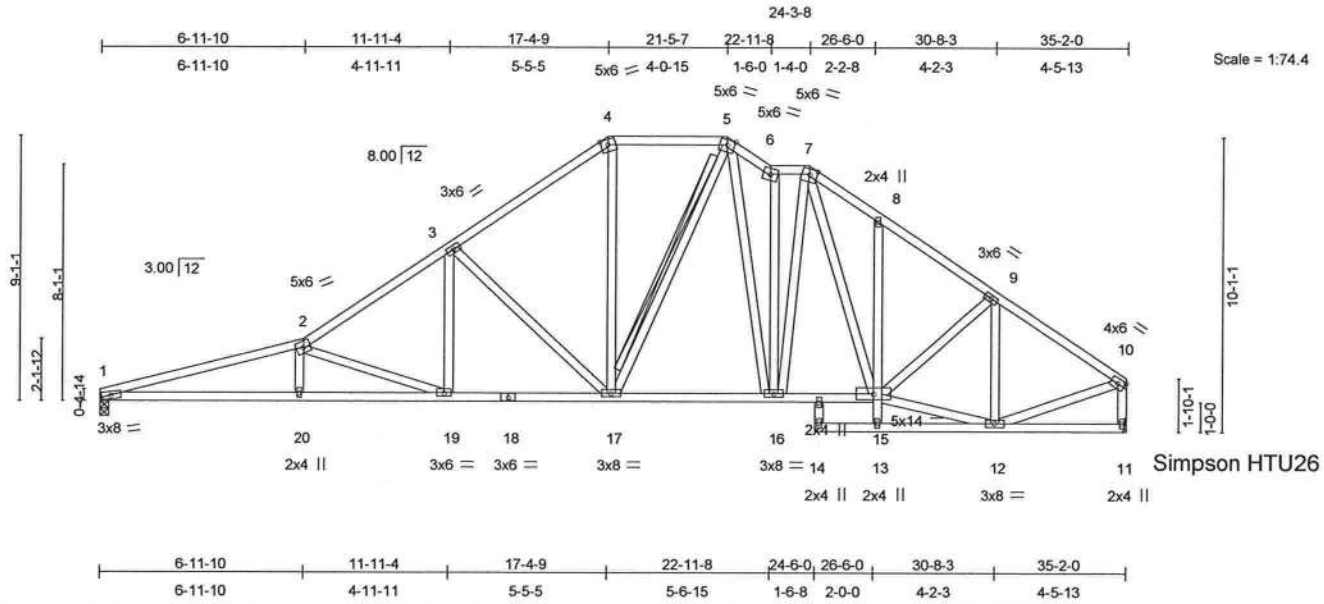

Plate Offsets (X,Y): [1:0-3-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	0.28	19-20	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.47	19-20	>890	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.92	Horz(TL)	0.13	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 256 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 8-13 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-10-1 oc purlins, except end verticals, and 2-0-0 oc purlins (5-7-8 max.): 4-5, 6-7.
BOT CHORD Rigid ceiling directly applied or 4-8-15 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-17
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.
JOINTS 1 Brace at Jt(s): 15

REACTIONS (lb/size) 1=1122/0-3-8, 11=1132/Mechanical
Max Horz 1=244(load case 5)
Max Uplift 1=-239(load case 6), 11=-209(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3589/1727, 2-3=-2157/1052, 3-4=-1437/785, 4-5=-1135/725, 5-6=-1328/824, 6-7=-1132/687, 7-8=-1430/841, 8-9=-1473/747, 9-10=-1233/576, 10-11=-1098/521
BOT CHORD 1-20=-1654/3420, 19-20=-1656/3414, 18-19=-741/1734, 17-18=-741/1734, 16-17=-336/1074, 15-16=-360/1092, 13-15=0/134, 8-15=-148/154, 13-14=0/0, 12-13=-40/64, 11-12=-49/75
WEBS 2-20=0/182, 2-19=-1791/976, 3-19=-309/678, 3-17=-826/512, 4-17=-239/483, 5-17=-133/268, 5-16=-250/374, 6-16=-567/365, 7-16=-132/322, 7-15=-210/290, 12-15=-381/936, 9-15=-73/262, 9-12=-542/265, 10-12=-385/957

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T23	SPECIAL	1	1	J1924712 Job Reference (optional)

JOINT STRESS INDEX

1 = 0.80, 2 = 0.63, 3 = 0.50, 4 = 0.45, 5 = 0.35, 6 = 0.65, 7 = 0.34, 8 = 0.33, 9 = 0.41, 10 = 0.63, 11 = 0.57, 12 = 0.86, 13 = 0.33, 14 = 0.33, 15 = 0.45, 16 = 0.58, 17 = 0.62, 18 = 0.58, 19 = 0.49, 20 = 0.33 and 21 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 239 lb uplift at joint 1 and 209 lb uplift at joint 11.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T24	HIP	1	1	J1924713
					Job Reference (optional)

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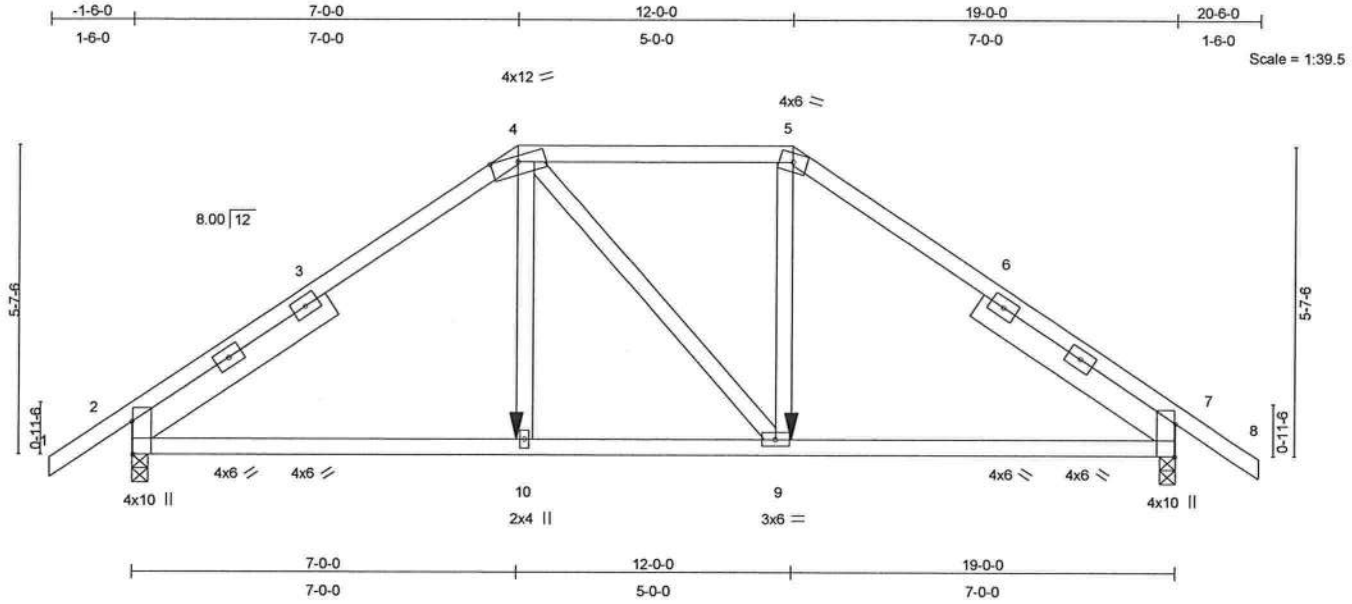

Plate Offsets (X,Y): [2:0-7-3,Edge], [7:0-7-3,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	0.08	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.12	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.18	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 112 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	Left 2 X 6 SYP No.1D 4-4-8, Right 2 X 6 SYP No.1D 4-4-8

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-0-14 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-9-1 oc bracing.

REACTIONS (lb/size) 2=1286/0-3-8, 7=1286/0-3-8
Max Horz 2=147(load case 4)
Max Uplift 2=-557(load case 5), 7=-557(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-1726/720, 3-4=-1631/743, 4-5=-1324/666, 5-6=-1632/743, 6-7=-1726/721, 7-8=0/20
BOT CHORD	2-10=-642/1310, 9-10=-647/1323, 7-9=-556/1311
WEBS	4-10=-207/492, 4-9=-125/124, 5-9=-273/551

JOINT STRESS INDEX

2 = 0.79, 2 = 0.31, 2 = 0.31, 3 = 0.00, 4 = 0.80, 5 = 0.62, 6 = 0.00, 7 = 0.79, 7 = 0.31, 7 = 0.31, 9 = 0.38 and 10 = 0.35

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T24	HIP	1	1	J1924713 Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 557 lb uplift at joint 2 and 557 lb uplift at joint 7.
7) Girder carries hip end with 7-0-0 end setback.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-5=-118(F=-64), 5-8=-54, 2-10=-10, 9-10=-22(F=-12), 7-9=-10
   Concentrated Loads (lb)
   Vert: 10=-411(F) 9=-411(F)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T25	HIP	1	1	J1924714
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 16:22:48 2008 Page 1

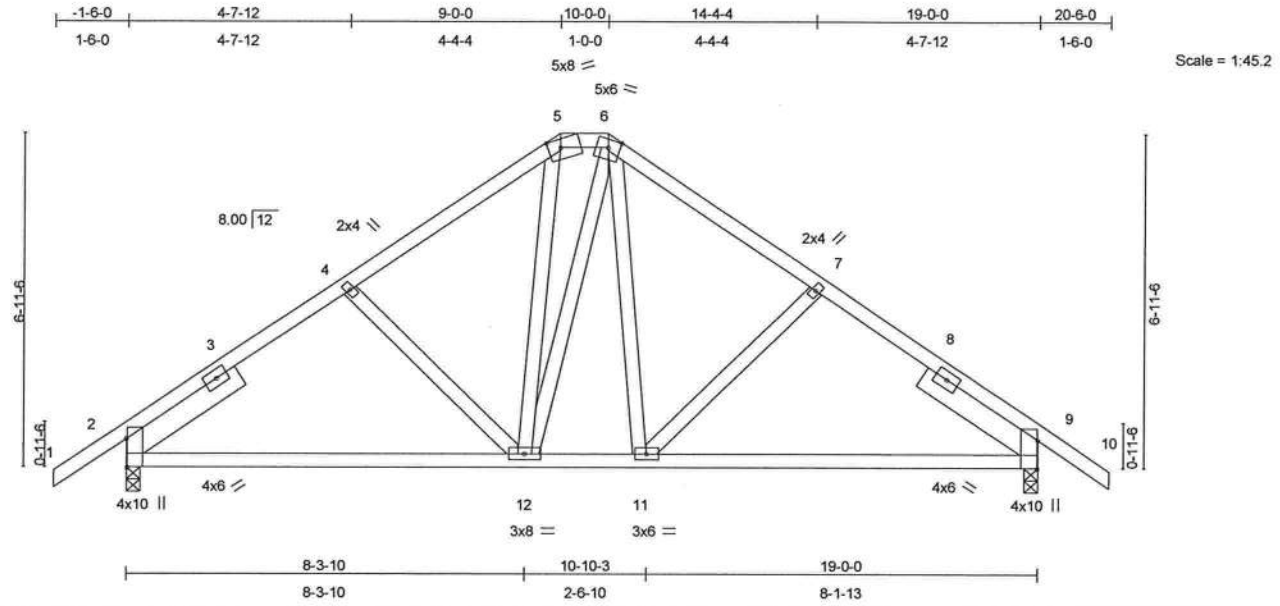

Plate Offsets (X,Y): [2:0-7-3,Edge], [5:0-3-0,Edge], [9:0-7-3,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.08	9-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.14	9-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.12	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 125 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	Left 2 X 6 SYP No.1D 2-10-10, Right 2 X 6 SYP No.1D 2-10-10

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=689/0-3-8, 9=689/0-3-8
Max Horz 2=184(load case 5)
Max Uplift 2=-189(load case 6), 9=-189(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-778/350, 3-4=-713/370, 4-5=-613/355, 5-6=-444/345, 6-7=-612/355, 7-8=-713/371, 8-9=-777/350, 9-10=0/20
BOT CHORD	2-12=-165/561, 11-12=-35/440, 9-11=-165/562
WEBS	4-12=-161/175, 5-12=-83/188, 6-12=-141/149, 6-11=-93/185, 7-11=-163/178

JOINT STRESS INDEX

2 = 0.71, 2 = 0.29, 3 = 0.00, 4 = 0.33, 5 = 0.36, 6 = 0.34, 7 = 0.33, 8 = 0.00, 9 = 0.72, 9 = 0.29, 11 = 0.35 and 12 = 0.69

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T25	HIP	1	1	J1924714
					Job Reference (optional)

NOTES

3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 189 lb uplift at joint 2 and 189 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T26	COMMON	3	1	J1924715
					Job Reference (optional)

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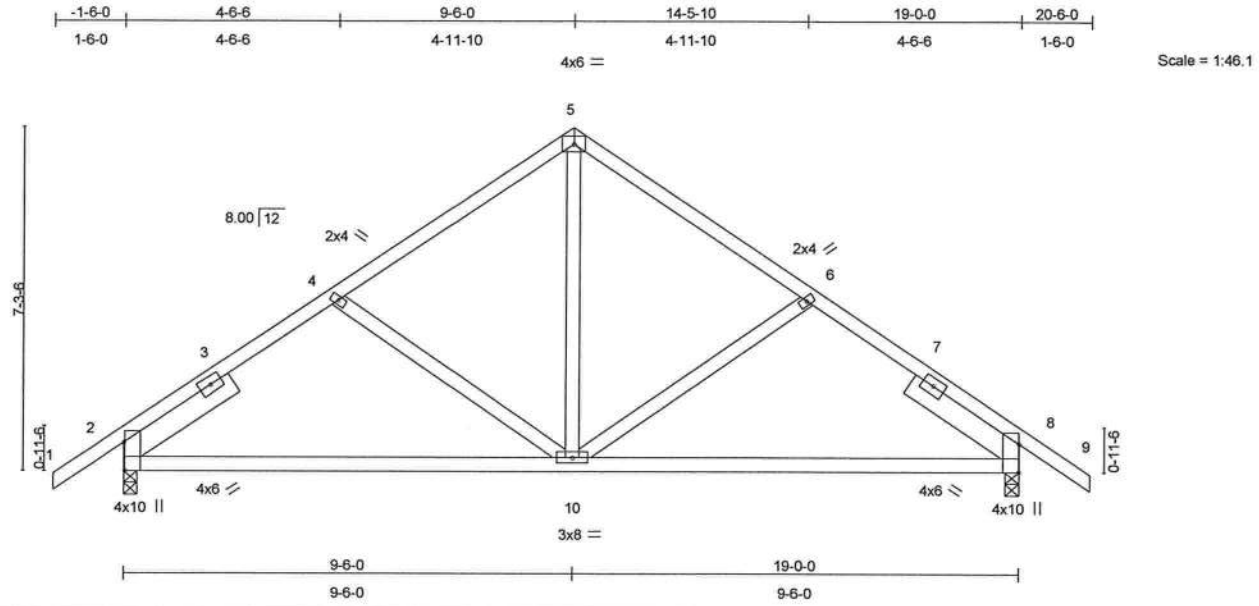

Plate Offsets (X,Y): [2:0-7-3,Edge], [8:0-7-3,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	-0.10	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.17	8-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.13	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 109 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	Left 2 X 6 SYP No.1D 2-9-12, Right 2 X 6 SYP No.1D 2-9-12

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=689/0-3-8, 8=689/0-3-8
Max Horz 2=-193(load case 4)
Max Uplift 2=-191(load case 6), 8=-191(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/20, 2-3=-784/352, 3-4=-716/372, 4-5=-591/328, 5-6=-591/328, 6-7=-716/372, 7-8=-784/352, 8-9=0/20
BOT CHORD	2-10=-168/565, 8-10=-168/565
WEBS	4-10=-188/185, 5-10=-152/351, 6-10=-188/185

JOINT STRESS INDEX

2 = 0.79, 2 = 0.29, 3 = 0.00, 4 = 0.33, 5 = 0.49, 6 = 0.33, 7 = 0.00, 8 = 0.79, 8 = 0.29 and 10 = 0.56

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T26	COMMON	3	1	J1924715 Job Reference (optional)

NOTES

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 191 lb uplift at joint 2 and 191 lb uplift at joint 8.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T27	COMMON	1	2	J1924716
					Job Reference (optional)

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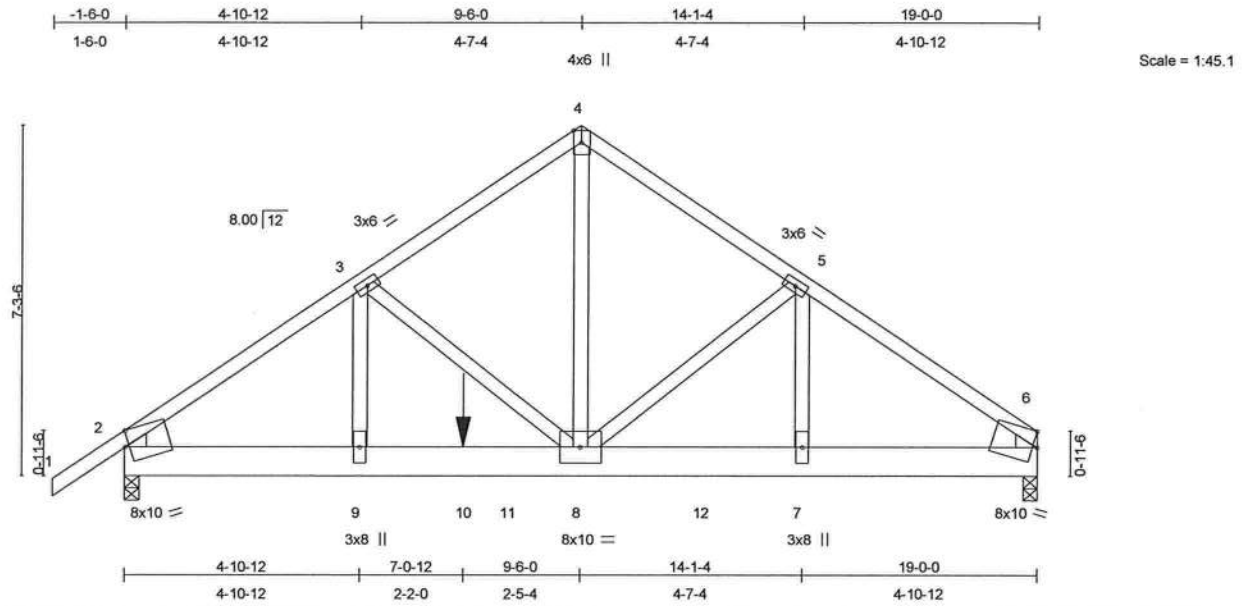

Plate Offsets (X,Y): [2:0-1-1,Edge], [6:0-1-1,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.07	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.13	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.63	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 265 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
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

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

REACTIONS (lb/size) 2=3006/0-3-8, 6=4896/0-3-8
Max Horz 2=199(load case 4)
Max Uplift 2=-861(load case 5), 6=-1381(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/27, 2-3=-4614/1247, 3-4=-3850/1121, 4-5=-3853/1118, 5-6=-5895/1652
BOT CHORD 2-9=-982/3558, 9-10=-982/3558, 10-11=-982/3558, 8-11=-982/3558, 8-12=-1240/4593, 7-12=-1240/4593, 6-7=-1240/4593
WEBS 3-9=-189/808, 3-8=-546/213, 4-8=-1138/3928, 5-8=-1878/636, 5-7=-703/2421

JOINT STRESS INDEX
2 = 0.52, 2 = 0.00, 3 = 0.90, 4 = 0.46, 5 = 0.90, 6 = 0.50, 6 = 0.00, 7 = 0.38, 8 = 0.36 and 9 = 0.38

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924716
L265307	T27	COMMON	1	2	Job Reference (optional)

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NOTES

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=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 861 lb uplift at joint 2 and 1381 lb uplift at joint 6.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-6=-54, 2-11=-10, 11-12=-375(F=-365), 6-12=-541(F=-531)
   Concentrated Loads (lb)
   Vert: 10=-1520(F)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T28	MONO HIP	1	1	J1924717
					Job Reference (optional)

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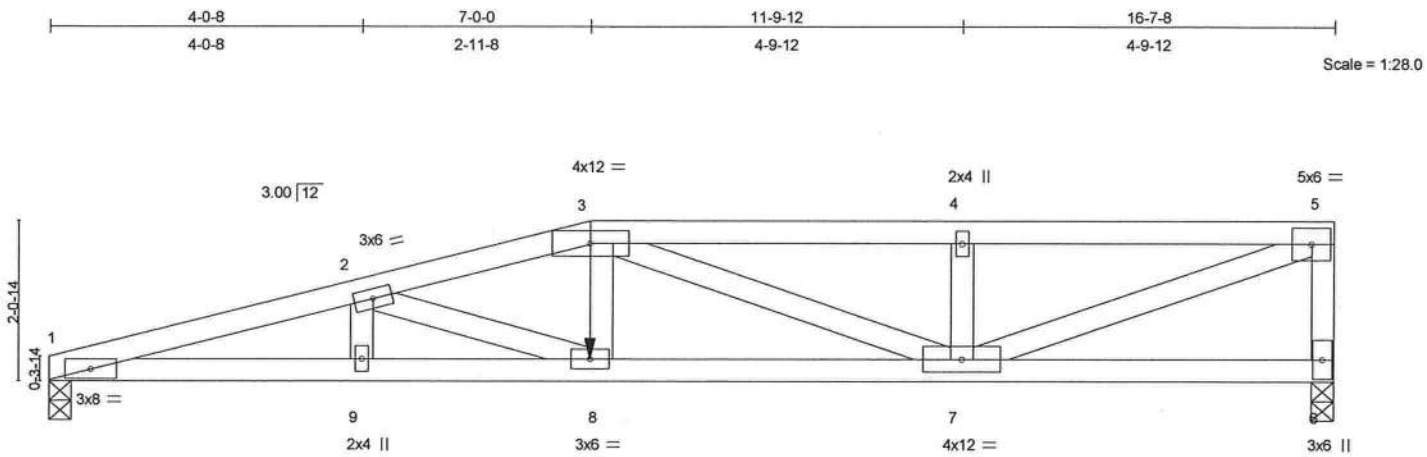

LOADING	(psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	0.19	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.32	7-8	>614	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.78	Horz(TL)	0.06	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 76 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 3-3-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-1-5 oc bracing.

REACTIONS (lb/size) 1=965/0-3-8, 6=1215/0-3-8
Max Horz 1=57(load case 3)
Max Uplift 1=-484(load case 3), 6=-568(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3166/1514, 2-3=-3051/1393, 3-4=-2429/1130, 4-5=-2429/1130, 5-6=-1042/482
BOT CHORD 1-9=-1499/3029, 8-9=-1499/3029, 7-8=-1390/3009, 6-7=-79/168
WEBS 2-9=-42/69, 2-8=-122/164, 3-8=-306/659, 3-7=-618/290, 4-7=-333/149, 5-7=-1125/2420

JOINT STRESS INDEX
1 = 0.74, 2 = 0.38, 3 = 0.99, 4 = 0.34, 5 = 0.79, 6 = 0.49, 7 = 0.91, 8 = 0.43 and 9 = 0.34

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 484 lb uplift at joint 1 and 568 lb uplift at joint 6.

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January 10,2008

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T28	MONO HIP	1	1	J1924717 Job Reference (optional)

NOTES

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, 3-5=-72(F=-18), 1-8=-10, 6-8=-69(F=-59)
   Concentrated Loads (lb)
   Vert: 8=-411(F)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T29	MONO HIP	1	1	J1924718
					Job Reference (optional)

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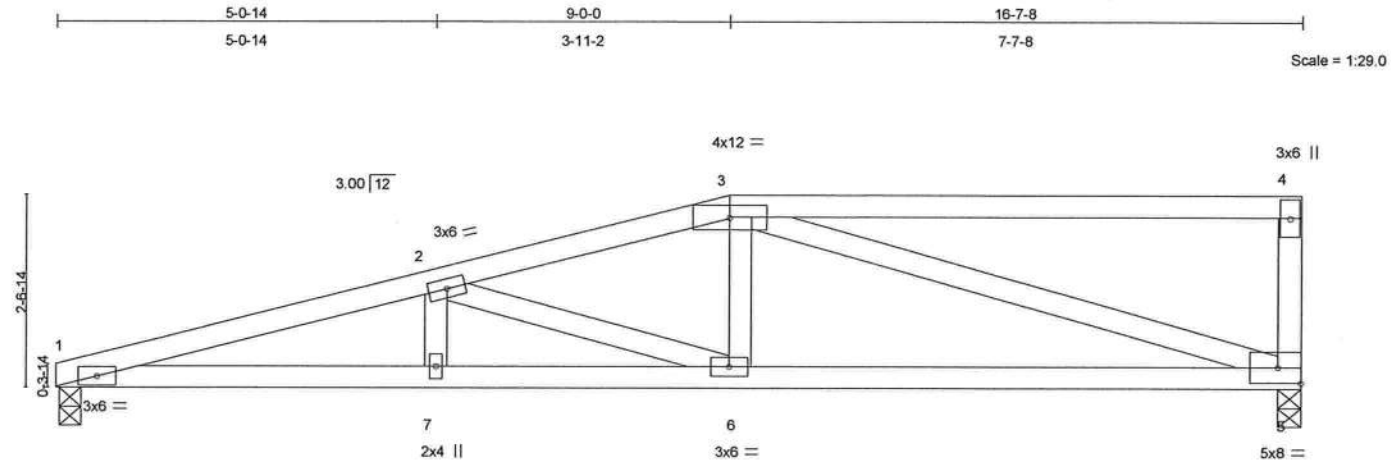

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.85	Vert(LL)	0.25	5-6	>795	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.82	Vert(TL)	-0.14	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.95	Horz(TL)	-0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 74 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 4-11-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-1-5 oc bracing.

REACTIONS (lb/size) 1=523/0-3-8, 5=523/0-3-8
Max Horz 1=73(load case 4)
Max Uplift 1=-344(load case 4), 5=-355(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1502/2165, 2-3=-1054/1524, 3-4=-137/196, 4-5=-208/160
BOT CHORD 1-7=-2176/1419, 6-7=-2176/1419, 5-6=-1540/1018
WEBS 2-7=-214/118, 2-6=-433/703, 3-6=-537/277, 3-5=-921/1405

JOINT STRESS INDEX
1 = 0.61, 2 = 0.37, 3 = 0.79, 4 = 0.65, 5 = 0.64, 6 = 0.34 and 7 = 0.33

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924718
L265307	T29	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 344 lb uplift at joint 1 and 355 lb uplift at joint 5.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T30	SCISSOR	3	1	J1924719
					Job Reference (optional)

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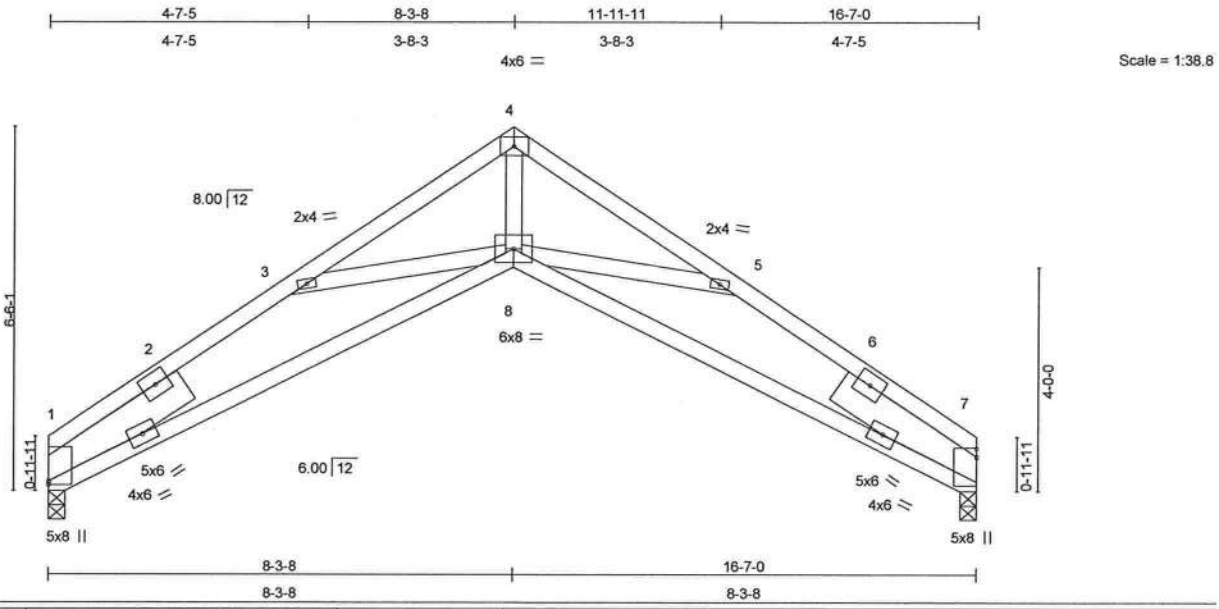

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.09	8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.18	1-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.21	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 91 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2
WEBS	2 X 4 SYP No.3
SLIDER	Left 2 X 8 SYP No.1D 3-0-0, Right 2 X 8 SYP No.1D 3-0-0

BRACING

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

REACTIONS (lb/size) 1=522/0-3-8, 7=522/0-3-8
Max Horz 1=173(load case 5)
Max Uplift 1=-106(load case 6), 7=-106(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-1400/552, 2-3=-1316/563, 3-4=-1284/357, 4-5=-1284/357, 5-6=-1316/563, 6-7=-1400/552
BOT CHORD	1-8=-381/1139, 7-8=-381/1139
WEBS	3-8=-81/250, 4-8=-216/1082, 5-8=-119/298

JOINT STRESS INDEX

1 = 0.58, 1 = 0.49, 1 = 0.24, 2 = 0.00, 3 = 0.33, 4 = 0.56, 5 = 0.33, 6 = 0.00, 7 = 0.58, 7 = 0.49, 7 = 0.24 and 8 = 0.82

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T30	SCISSOR	3	1	J1924719 Job Reference (optional)

NOTES

4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 106 lb uplift at joint 1 and 106 lb uplift at joint 7.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T30G	GABLE	1	1	J1924720 Job Reference (optional)

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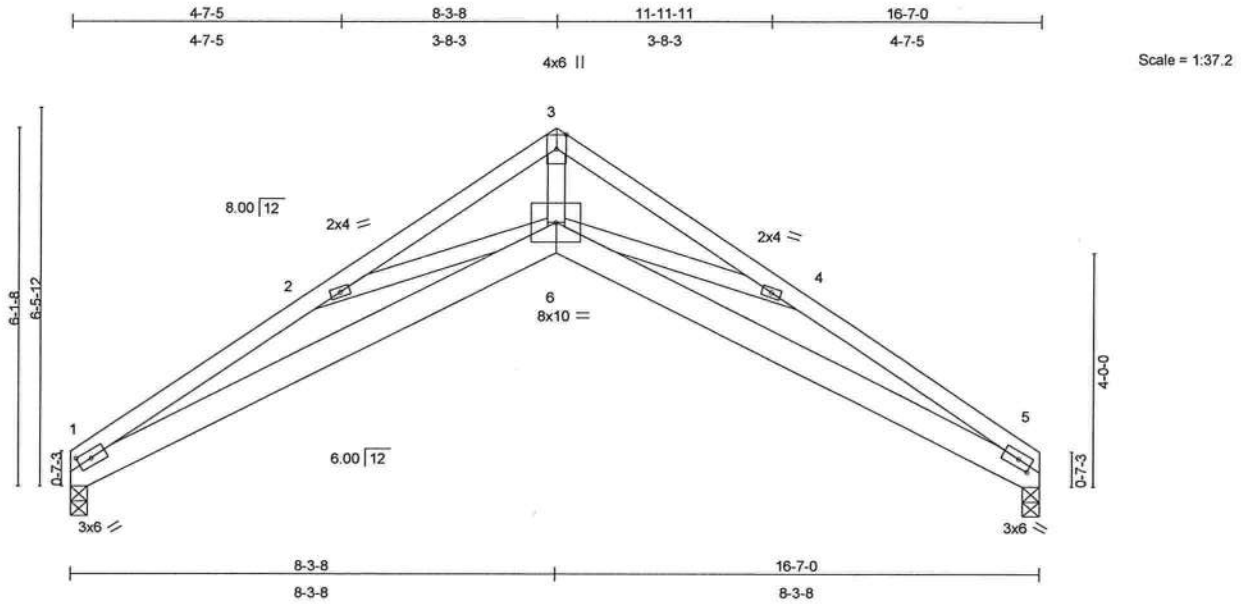

Plate Offsets (X,Y): [1:0-2-12,0-1-8], [5:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.72	Vert(LL)	-0.19	6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.35	6	>555	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.70	Horz(TL)	0.40	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 89 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-6-8 oc bracing.

REACTIONS (lb/size) 1=806/0-3-8, 5=806/0-3-8
Max Horz 1=-200(load case 4)
Max Uplift 1=-357(load case 6), 5=-357(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2955/1349, 2-3=-2428/845, 3-4=-2428/864, 4-5=-2955/1259
BOT CHORD 1-6=-1215/2552, 5-6=-1049/2552
WEBS 2-6=-443/515, 3-6=-717/2175, 4-6=-443/554

JOINT STRESS INDEX
1 = 0.84, 2 = 0.33, 3 = 0.52, 4 = 0.33, 5 = 0.84 and 6 = 0.53

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; 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"

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924720
L265307	T30G	GABLE	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable studs spaced at 2-0-0 oc.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 357 lb uplift at joint 1 and 357 lb uplift at joint 5.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) Gable truss supports 1' 6" max. rake gable overhang.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-89(F=-35), 3-5=-89(F=-35), 1-6=-10, 5-6=-10

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T31	SPECIAL	1	1	J1924721
					Job Reference (optional)

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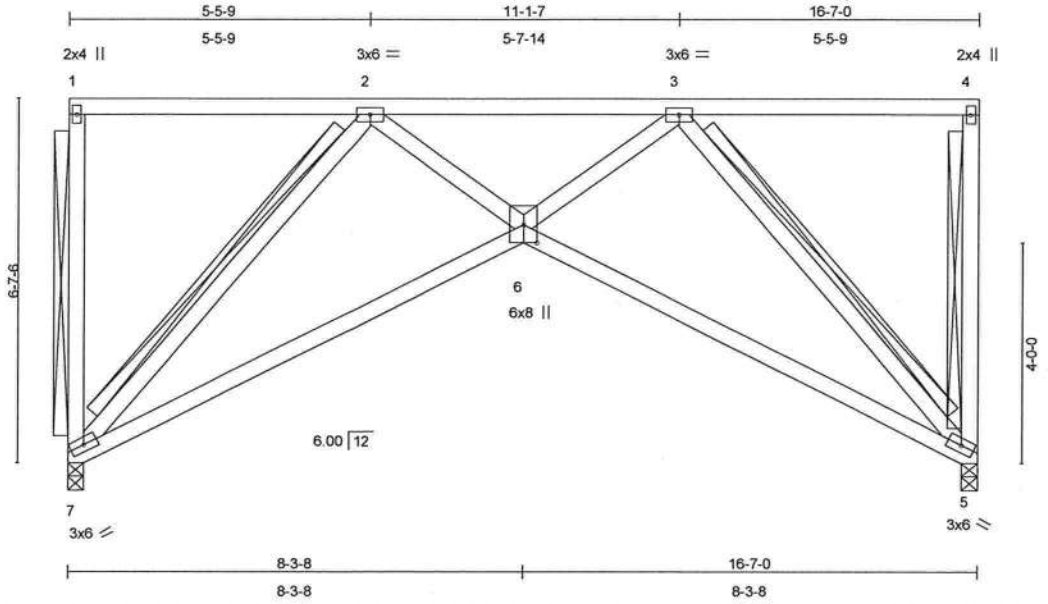

Plate Offsets (X,Y): [6:0-3-15,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	-0.09	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.16	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.09	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 105 lb	

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

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

REACTIONS (lb/size) 7=521/0-3-8, 5=521/0-3-8
Max Uplift 7=-144(load case 4), 5=-144(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-7=-130/93, 1-2=-22/5, 2-3=-908/441, 3-4=-22/5, 4-5=-130/93
BOT CHORD 6-7=-337/613, 5-6=-337/613
WEBS 2-7=-802/454, 2-6=-186/485, 3-6=-186/485, 3-5=-802/454

JOINT STRESS INDEX
1 = 0.67, 2 = 0.38, 3 = 0.38, 4 = 0.67, 5 = 0.41, 6 = 0.71 and 7 = 0.41

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924721
L265307	T31	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 7, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 7 and 144 lb uplift at joint 5.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T32	SPECIAL	1	1	J1924722
					Job Reference (optional)

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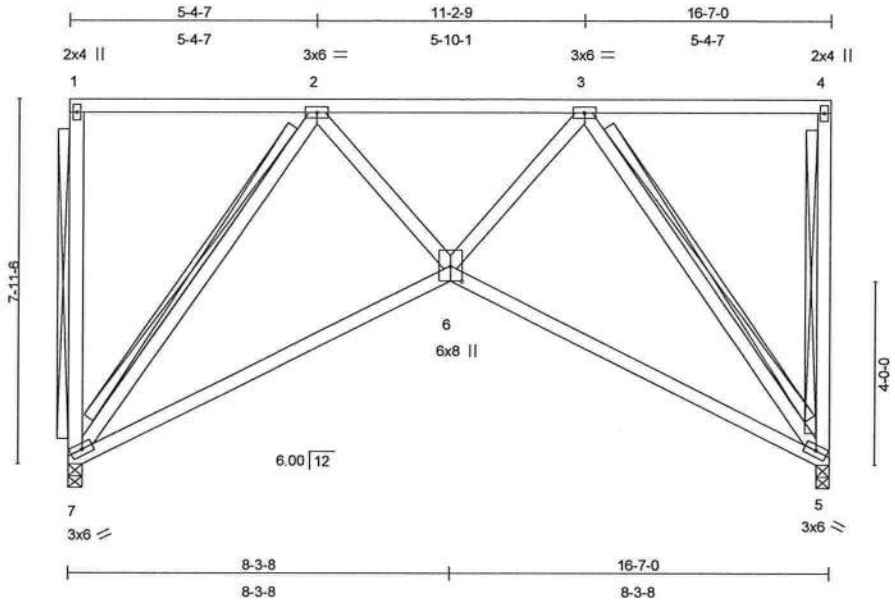

Scale = 1:47.3

Plate Offsets (X,Y): [6:0-3-15,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.09	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.16	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.06	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 114 lb	

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

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

REACTIONS (lb/size) 7=521/0-3-8, 5=521/0-3-8
Max Uplift 7=-144(load case 4), 5=-144(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-7=-123/88, 1-2=-16/3, 2-3=-576/279, 3-4=-16/3, 4-5=-123/88
BOT CHORD 6-7=-248/451, 5-6=-248/451
WEBS 2-7=-667/379, 2-6=-100/330, 3-6=-100/330, 3-5=-667/379

JOINT STRESS INDEX
1 = 0.56, 2 = 0.41, 3 = 0.41, 4 = 0.56, 5 = 0.39, 6 = 0.74 and 7 = 0.39

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924722
L265307	T32	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 7, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 7 and 144 lb uplift at joint 5.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T33	SPECIAL	1	1	J1924723 Job Reference (optional)

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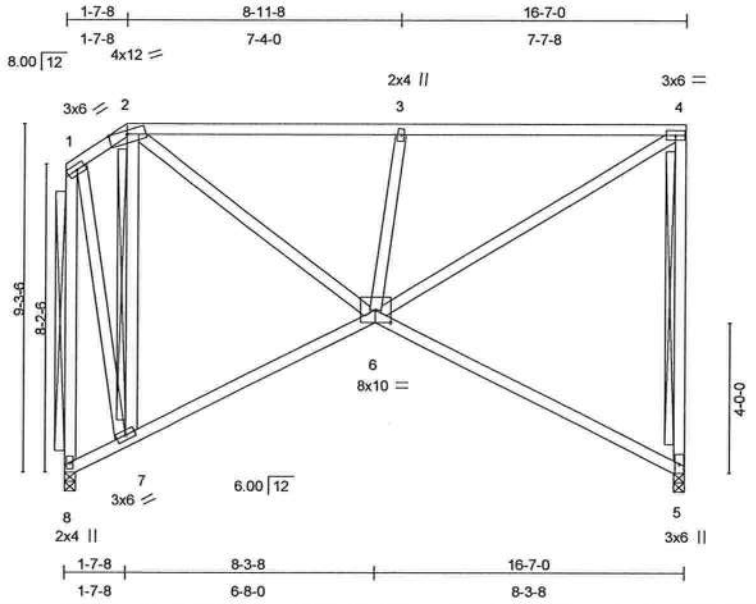

Scale = 1:57.9

Plate Offsets (X,Y): [6:0-5-0,0-3-15]

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)	-0.10	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.18	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 133 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-5, 2-7, 1-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 5=521/0-3-8, 8=521/0-3-8
Max Horz 8=32(load case 6)
Max Uplift 5=-187(load case 4), 8=-136(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-91/53, 2-3=-468/278, 3-4=-528/323, 4-5=-488/321, 1-8=-518/260
BOT CHORD 7-8=-47/27, 6-7=-117/136, 5-6=-32/77
WEBS 2-7=-524/323, 2-6=-224/450, 3-6=-444/330, 4-6=-368/596, 1-7=-269/523

JOINT STRESS INDEX
1 = 0.41, 2 = 0.85, 3 = 0.33, 4 = 0.64, 5 = 0.27, 6 = 0.37, 7 = 0.39 and 8 = 0.33

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924723
L265307	T33	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 5, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 187 lb uplift at joint 5 and 136 lb uplift at joint 8.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T34	SPECIAL	1	1	J1924724 Job Reference (optional)

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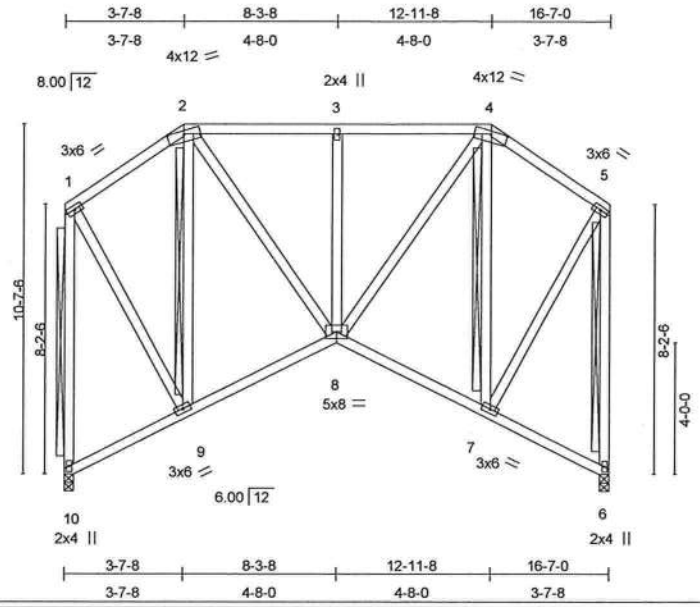

Scale = 1:66.0

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.02	8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.03	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.19	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 155 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 10=521/0-3-8, 6=521/0-3-8
Max Horz 10=-65(load case 4)
Max Uplift 10=-104(load case 5), 6=-104(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-262/158, 2-3=-355/266, 3-4=-355/266, 4-5=-262/158, 1-10=-506/268, 5-6=-506/268
BOT CHORD 9-10=-76/80, 8-9=-125/208, 7-8=-92/208, 6-7=-17/31
WEBS 2-9=-352/200, 2-8=-144/308, 3-8=-265/182, 4-8=-169/308, 4-7=-352/200, 1-9=-155/356, 5-7=-155/356

JOINT STRESS INDEX

1 = 0.41, 2 = 0.61, 3 = 0.33, 4 = 0.61, 5 = 0.41, 6 = 0.33, 7 = 0.43, 8 = 0.50, 9 = 0.43 and 10 = 0.36

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924724
L265307	T34	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 10, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 104 lb uplift at joint 10 and 104 lb uplift at joint 6.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM J1924725
L265307	T35	SPECIAL	1	1	Job Reference (optional)

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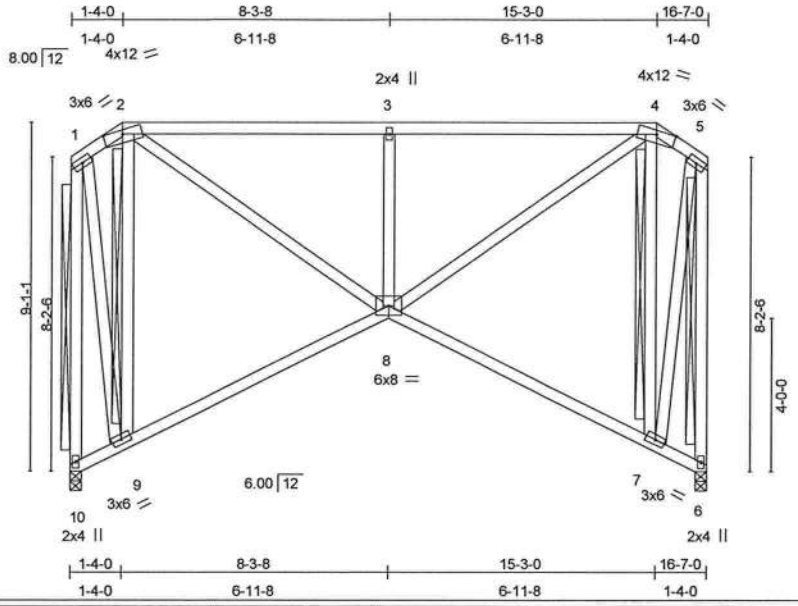

Scale = 1:56.7

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.04	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.09	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.32	Horz(TL)	0.05	6	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 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 2-9, 4-7, 1-10, 5-6

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 10=521/0-3-8, 6=521/0-3-8
Max Horz 10=22(load case 5)
Max Uplift 10=-164(load case 5), 6=-164(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-71/31, 2-3=-505/298, 3-4=-505/298, 4-5=-71/31, 1-10=-516/245, 5-6=-516/245
BOT CHORD	9-10=-17/38, 8-9=-68/120, 7-8=-60/120, 6-7=0/38
WEBS	2-9=-543/347, 2-8=-263/501, 3-8=-400/293, 4-8=-263/501, 4-7=-543/347, 1-9=-276/544, 5-7=-276/544

JOINT STRESS INDEX

1 = 0.41, 2 = 0.78, 3 = 0.33, 4 = 0.78, 5 = 0.41, 6 = 0.33, 7 = 0.39, 8 = 0.78, 9 = 0.39 and 10 = 0.33

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NOTES

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

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
					J1924725
L265307	T35	SPECIAL	1	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 10, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 164 lb uplift at joint 10 and 164 lb uplift at joint 6.

LOAD CASE(S) Standard

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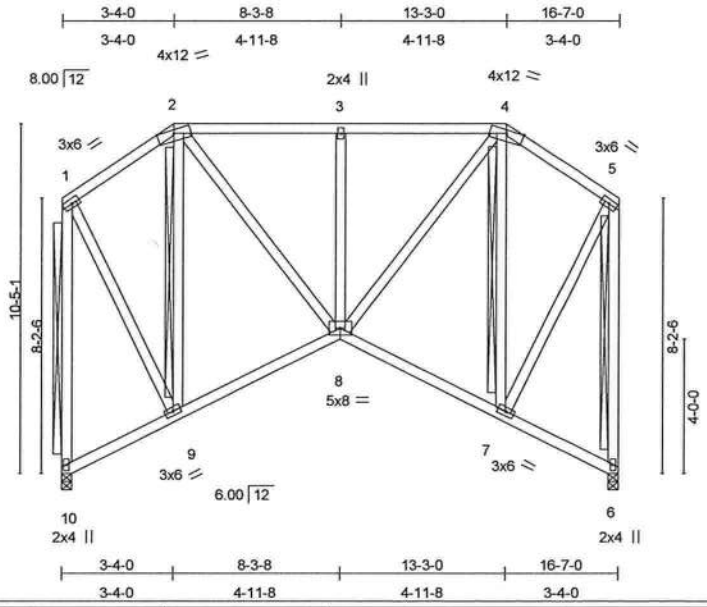
Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM
L265307	T36	SPECIAL	1	1	J1924726
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 16:22:59 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.02	8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.03	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.19	Horz(TL)	0.03	6	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 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 2-9, 4-7, 1-10, 5-6

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 10=521/0-3-8, 6=521/0-3-8
Max Horz 10=-59(load case 4)
Max Uplift 10=-112(load case 5), 6=-112(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-245/148, 2-3=-369/268, 3-4=-369/268, 4-5=-245/148, 1-10=-507/268, 5-6=-507/268
BOT CHORD	9-10=-70/73, 8-9=-120/198, 7-8=-90/198, 6-7=-15/30
WEBS	2-9=-367/210, 2-8=-157/327, 3-8=-285/200, 4-8=-171/327, 4-7=-367/210, 1-9=-164/369, 5-7=-164/369

JOINT STRESS INDEX

1 = 0.42, 2 = 0.60, 3 = 0.33, 4 = 0.60, 5 = 0.42, 6 = 0.33, 7 = 0.44, 8 = 0.60, 9 = 0.44 and 10 = 0.33

Julius Lee
Truss Design Engineer
Florida PE No. 34183
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 14 RM J1924726
L265307	T36	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 10, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 10 and 112 lb uplift at joint 6.

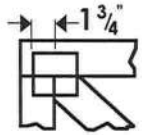
LOAD CASE(S) Standard

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

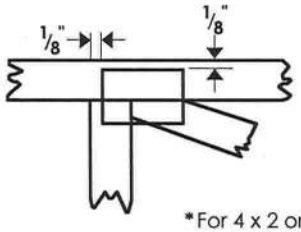
January 10,2008

Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

PLATE SIZE

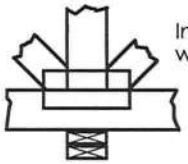
4 x 4

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

LATERAL BRACING

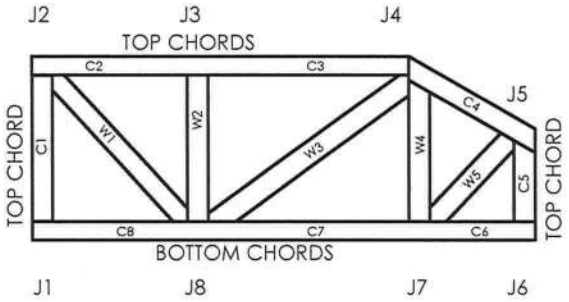
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

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

MiTek®

TEE-LOK®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

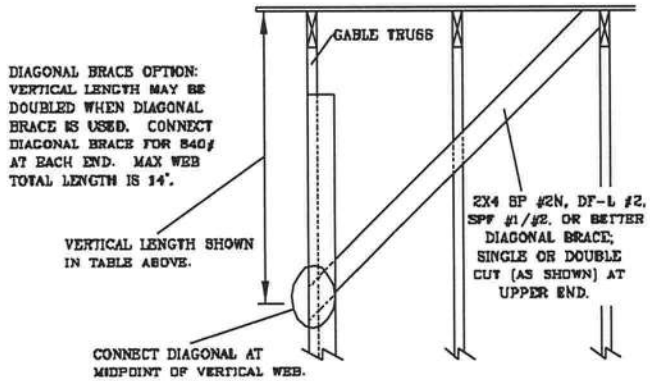
SOUTHERN PINE
#3
STUD
STANDARD

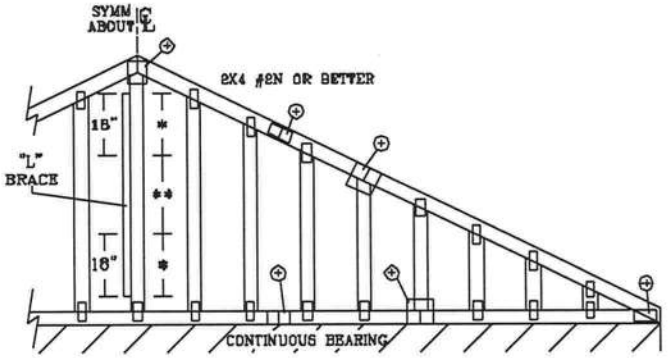
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#3
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

CABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER CONTINUOUS BEARING (6 PSF TC DEAD LOAD).

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

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

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

GABLE VERTICAL PLATE SIZES

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

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

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

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

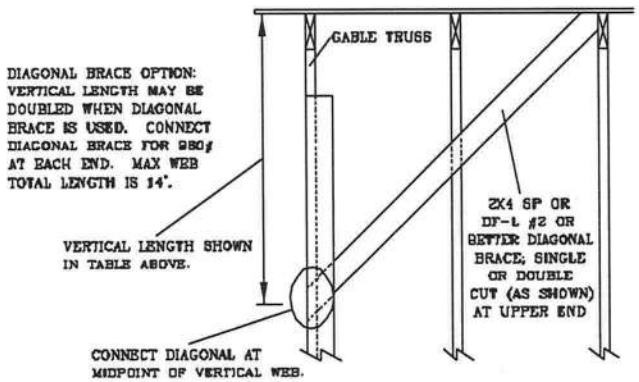
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

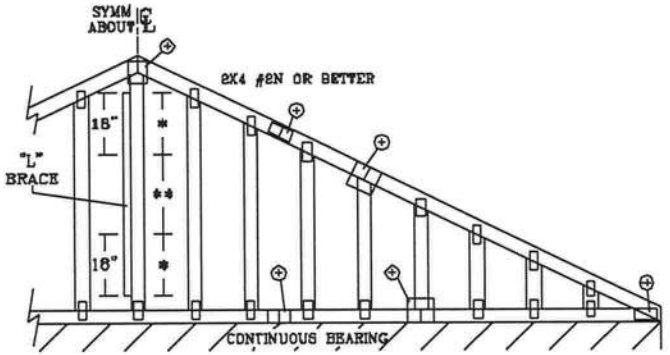
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 180 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

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

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

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

GABLE VERTICAL PLATE SIZES

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

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

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

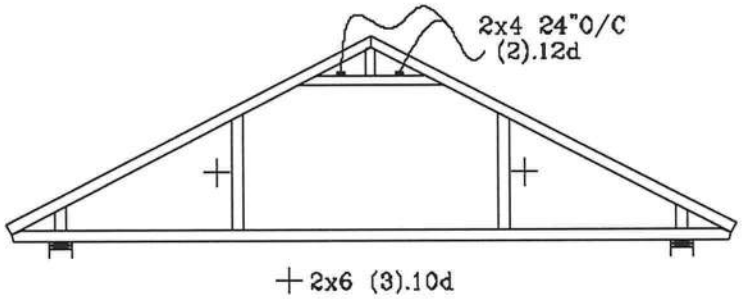
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

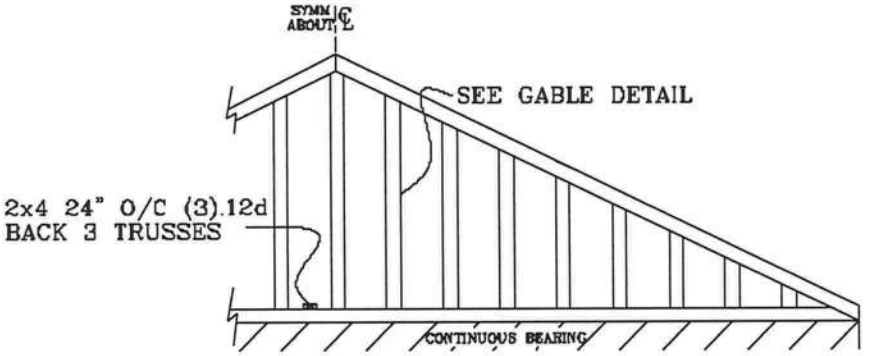
MAX. SPACING 24.0"

REF ASCE7-02-GAB13030
DATE 11/26/03
DWG MITEK STD GABLE 30' E H7
-ENG

TYPICAL ATTIC TRUSS BRACING

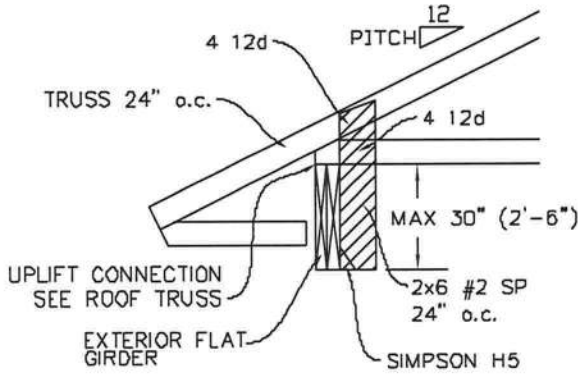


GABLE END TRUSS DETAIL

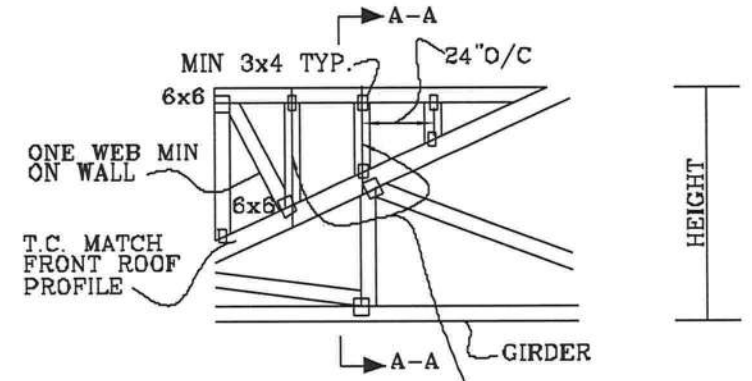


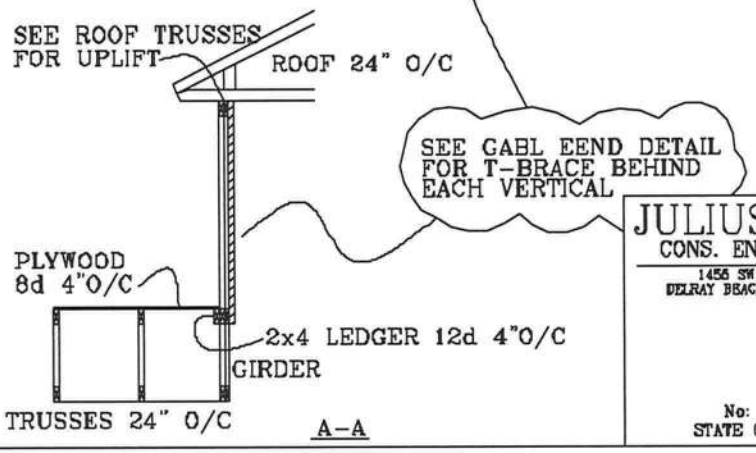
MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL





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DELRAY BEACH, FL 33444-2161

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PIGGYBACK DETAIL

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

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

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

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

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

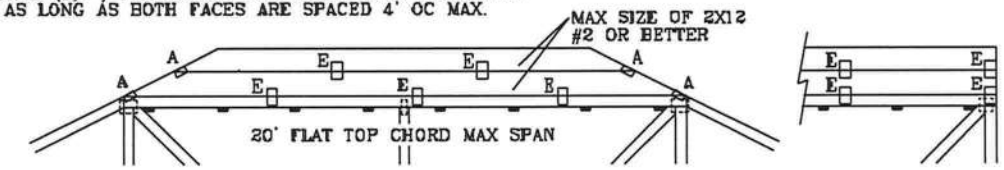
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

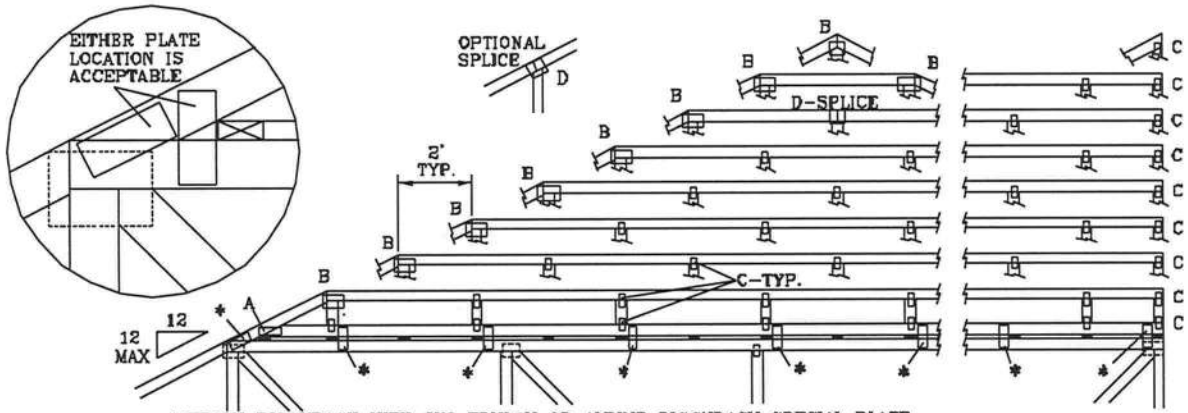
110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

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

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

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





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

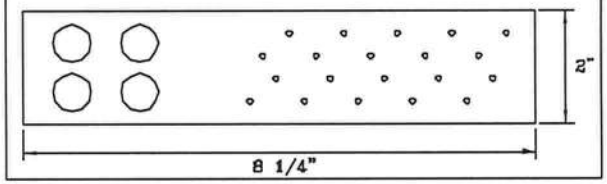
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

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

* PIGGYBACK SPECIAL PLATE

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



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

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No: 34869
STATE OF FLORIDA

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

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

VALLEY TRUSS DETAIL

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

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

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

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

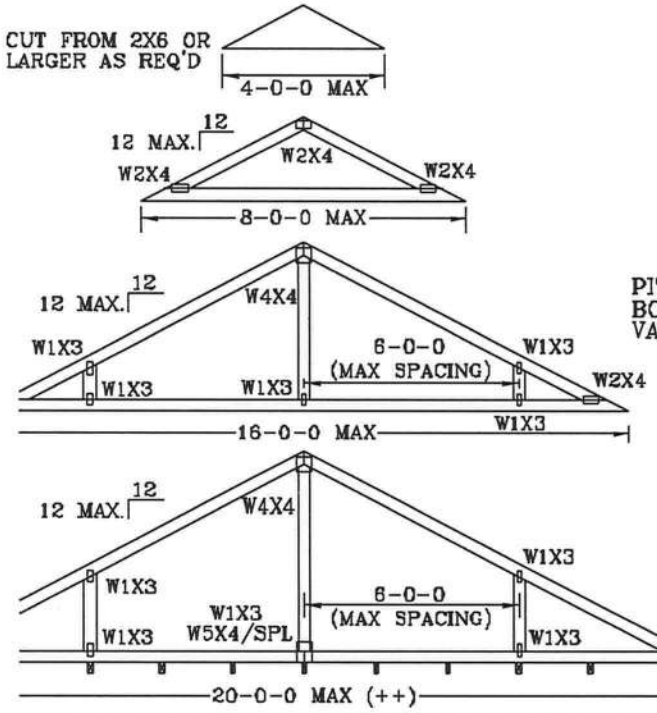
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

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

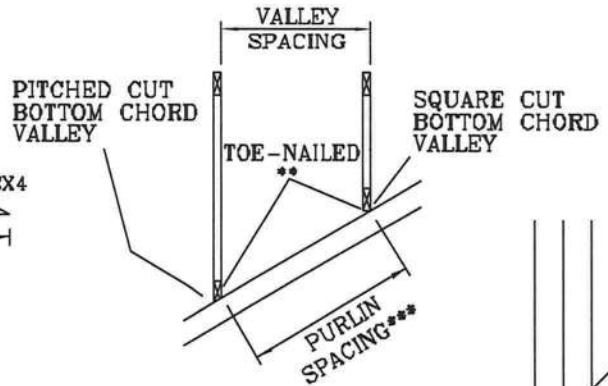
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

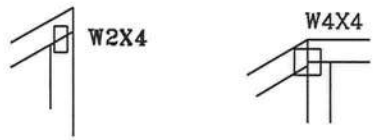
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

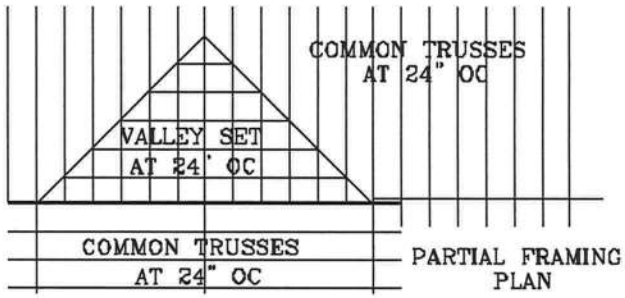
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.







THIS DRAWING REPLACES DRAWING A105

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CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161
No: 34869
STATE OF FLORIDA

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

TOE-NAIL DETAIL

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

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

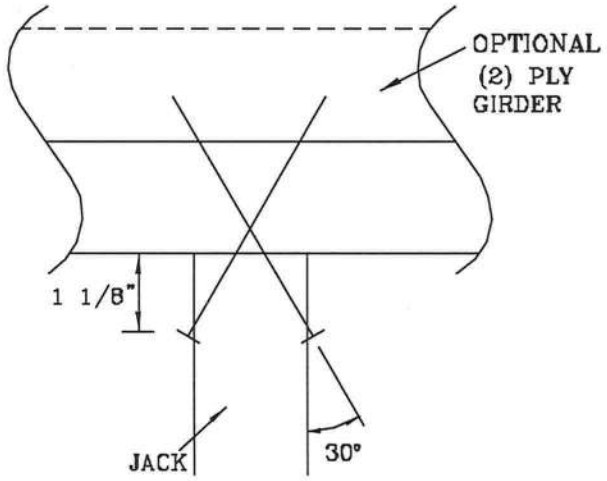
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

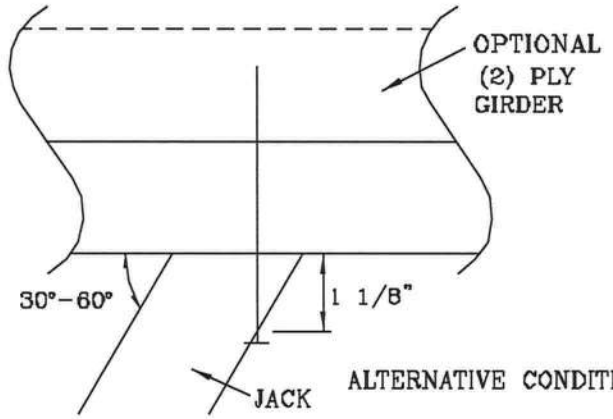
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

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

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

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





ALTERNATIVE CONDITION

THIS DRAWING REPLACES DRAWING 784040

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DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

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

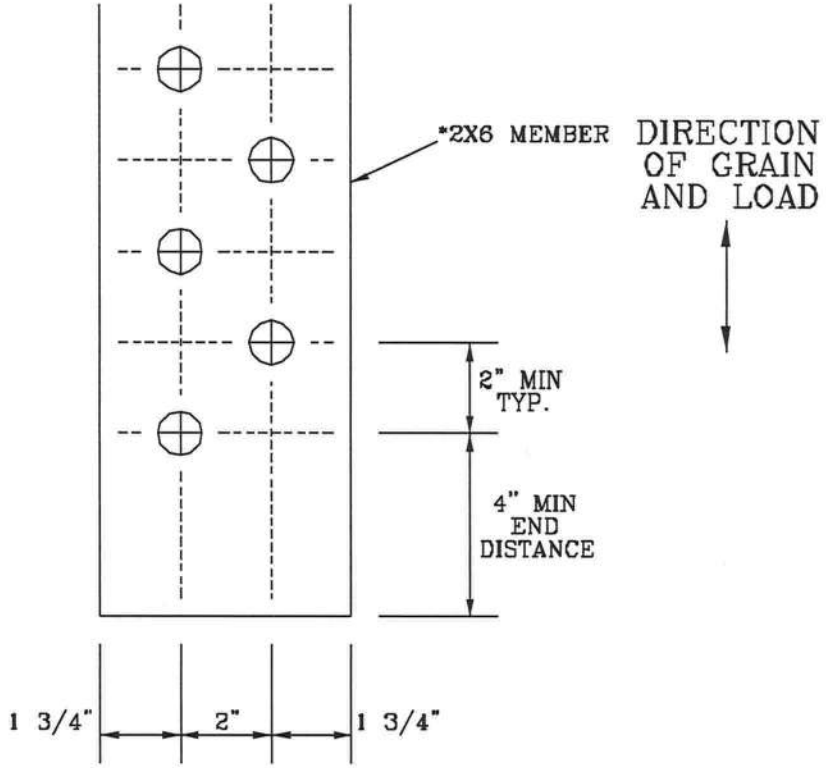
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

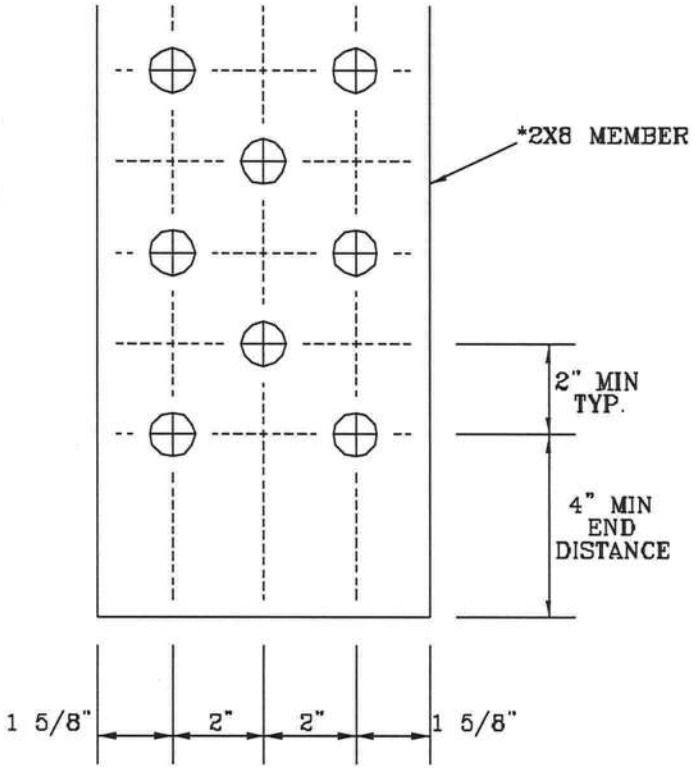
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

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

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



2X6 DETAIL



2X8 DETAIL

THIS DRAWING REPLACES DRAWING A626.016

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1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

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

TRULOX CONNECTION DETAIL

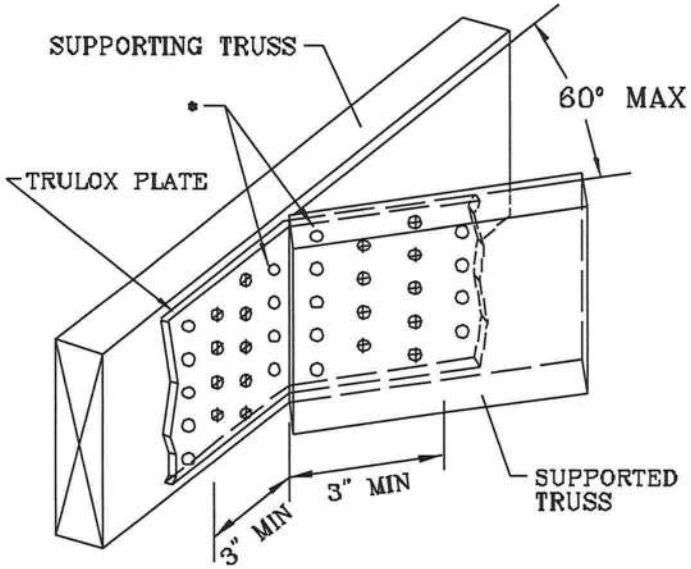
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

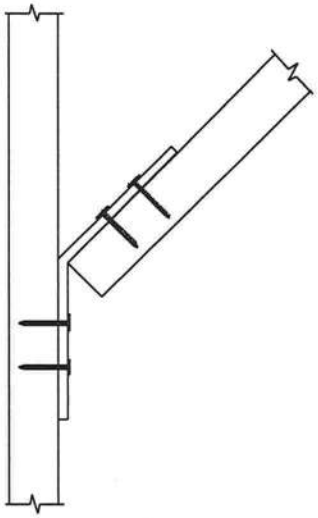
THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

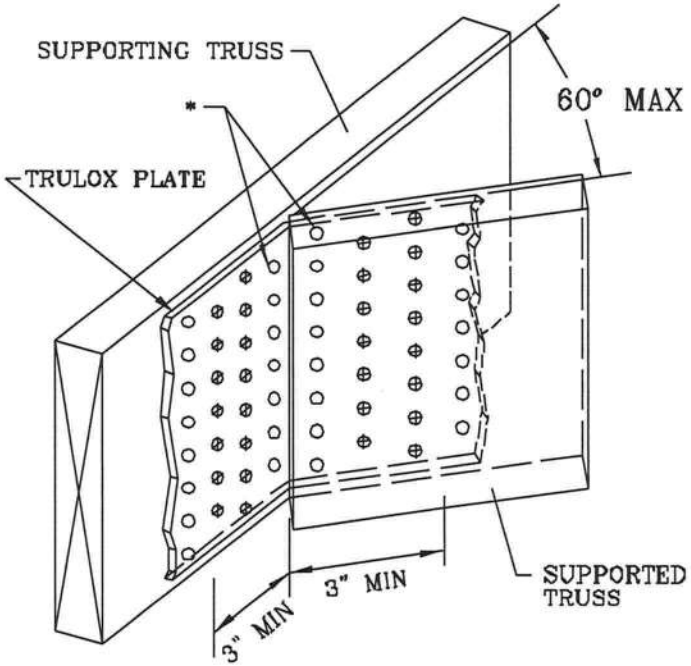
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

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



MINIMUM 3X6 TRULOX PLATE





MINIMUM 5X6 TRULOX PLATE

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

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

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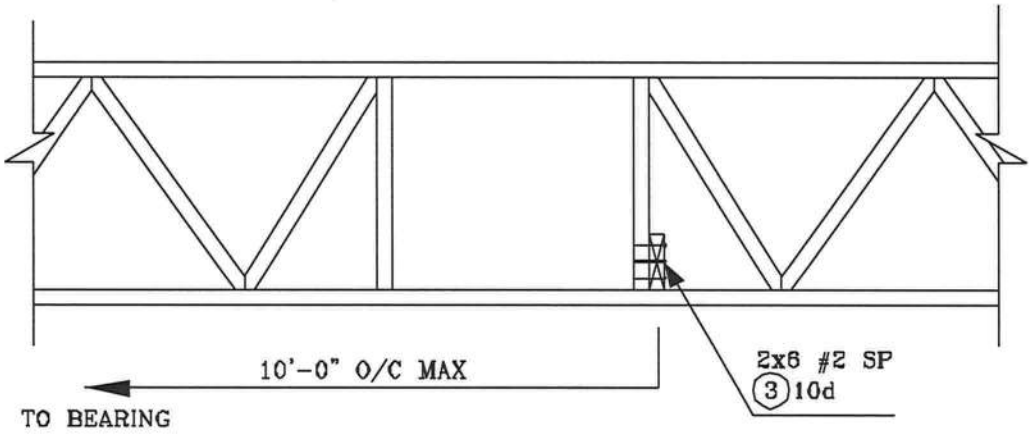
DELRAY BEACH, FL 33444-2351

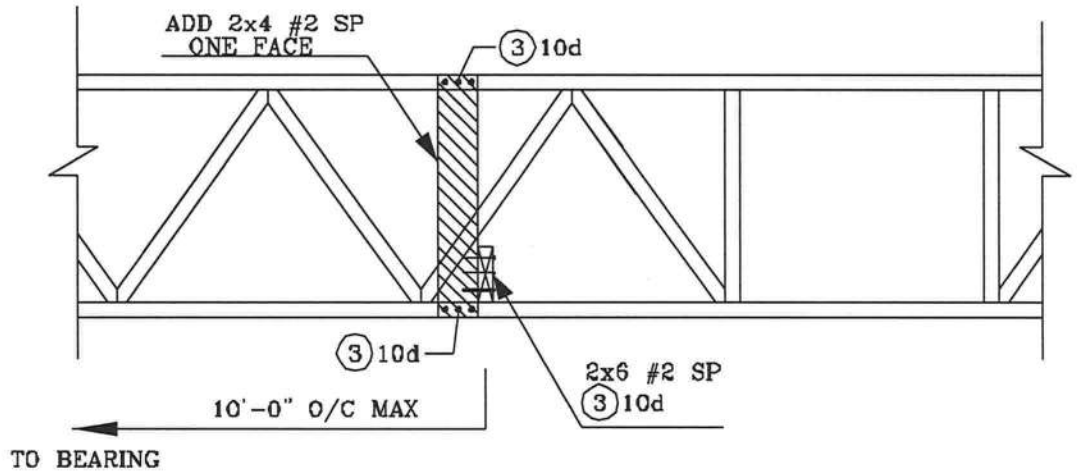
No: 34869
STATE OF FLORIDA

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

STRONG BACK DETAIL
SYSTEM–42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



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No: 34869
STATE OF FLORIDA