DATE 09/03/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027308

APPLICANT LINDA RODER PHONE 752-2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER CHAD & MINDY CADY PHONE 752-0885

ADDRESS 125 SW HOLLY GLEN LAKE CITY FL 32024

CONTRACTOR JAMES BURBACH PHONE 754-9199

LOCATION OF PROPERTY 47S, TL ON WALTER LITTLE,TL ON LITTLE RD, TR ON HOLLY GLEN,
CORNER OF LITTLE & HOLLY GLEN ON THE RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 104500.00

HEATED FLOOR AREA 2090.00 TOTAL AREA 2090.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

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

PARCEL ID 01-5S-16-03390-023 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 1.10

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
PRIVATE	08-561	BK	WR	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: SEC 14.9 SPECIAL FAMILY LOT PERMIT,ONE FOOT ABOVE THE ROAD

Check # or Cash 2441

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 $ 525.00 CERTIFICATION FEE $ 10.45 SURCHARGE FEE $ 10.45

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 $ **TOTAL FEE** 620.90

INSPECTORS OFFICE CLERKS OFFICE

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.

Permit Number: 27308

Tax Folio Number: 01-5S-16-03390-015

State of: Florida
County of: Columbia

File Number: 08-0361

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By: Bonnie Dom Deputy Clerk
Date 09/5/08

NOTICE OF COMMENCEMENT

Inst:200812016512 Date:9/5/2008 Time:3:17 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1157 P:2668

The undersigned hereby gives notice that improvement will be made to certain real property, and, in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property:

Exhibit A

Commence at the SE corner of the NW¼, Section 1, Township 5 South, Range 16 East, Columbia County, Florida and thence run North 01° 41' 37" East, along the East line of said NW ¼, 596.70 feet; thence North 88° 45' 17" West, 9.11 feet to the East maintained right of way of SW Little Road and the Point of Beginning; thence continue N 88° 45' 17" West, 159.82 feet; thence N 01° 14' 21" East, 297.33 feet; thence South 88° 45' 40" East, 163.00 feet to said East maintained right of way; thence S 01° 51' 07" W, along said East maintained right of way, 297.37 feet to the Point of Beginning.

Subject to and together with an ingress and egress easement (50 Feet Wide) lying 25 feet on each side of the following described centerline:

Commence at the SE Corner of NW¼, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and run N 01° 41' 37" East along the East line of said NW¼, 596.70 feet; thence North 88° 45' 17" West, 9.11 feet to the East maintained right-of-way of SW Little Road and the Point of Beginning of said centerline; thence continue N 88° 45' 17" West, 159.82 feet to the Point of Termination.

2. General Description of Improvements: Single Family Home

3. Owner Information:
   a. Name and Address: Chadwick Scott Cady and Arminda Marie Cady, Burbach Investment Group, LLC
   2140 SW Main Blvd. Lake City, FL 32025
   b. Interest in property: Fee Simple

4. Contractor: Burbach Construction Services, Inc.
   Po Box 2092 Lake City, FL 32056

5. Surety: NONE

6. Lender: Capital City Bank, 4040 NW 16th Blvd., Gainesville, Florida 32605

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a)7., Florida Statutes.

8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes. Capital City Bank, 4040 NW 16th Blvd., Gainesville, Florida 32605

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

Chadwick Cady

Arminda Cady

Thomas P. Cady - President

Sworn to and subscribed before me September 2, 2008 by who is personally known to me or who did provide _____ as identification.

Notary Public
My Commission Expires: _____

Notary Public State of Florida
Matthew Rozzo
My Commission DD578349
Expires 09/17/2010

Columbia County Building Permit Application

For Office Use Only Application # 0808-14 Date Received 8/8 By JW Permit # 27308
Zoning Official BLK Date 27.08.08 Flood Zone X FEMA Map # N/A Zoning A-3
Land Use A-3 Elevation N/A MFE 1 ft above Rd River N/A Plans Examiner WR Date 8/20/08
Comments Section 14.9 Special Family Lot Permit
☐ NOC ☐ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel #
☐ Dev Permit # ☐ In Floodway ☑ Letter of Authorization from Contractor
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. ______ Fax 752-2282

Name Authorized Person Signing Permit Linda or Melanie Roder Phone 752-2281

Address 387 SW Kemp Ct Lake City FL 32024

Owners Name Chad + Mindy Cady Phone 752-0885

911 Address 125 SW Holly GLN Lake City FL 32024

Contractors Name James Burbach Phone 755-6111 / 754-9199

Address 507 W. Duval Lake City FL 32055

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address NA

Architect/Engineer Name & Address Will Myers / Nick Geisler

Mortgage Lenders Name & Address Capital City Bank

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

Property ID Number 01-5S-16-03390-023 Estimated Cost of Construction 200 K

Subdivision Name ______ Lot ___ Block ___ Unit ___ Phase ___

Driving Directions 47S, L on Walter Little, Left on Little Road, R on Holly Glen, lot is on corner of Little & Holly Glen on Right

Number of Existing Dwellings on Property 0

Construction of Single family dwelling Total Acreage 1.10 Lot Size 1.10 ac

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive (Private) Total Building Height 24'-2"

Actual Distance of Structure from Property Lines - Front 100' Side 54'-2" Side 54'-2" Rear 143'

Number of Stories 2 Heated Floor Area 2090 Total Floor Area 2090 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 jurisdiction.

CDOK to LR

Columbia County Building Permit 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 CERTIFICATION: 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 Chad Cady

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)
James Burbach

Contractor's License Number CBC 1253179
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 4 **day of** Aug **20**08.
Personally known Y **or Produced Identification** N/A

_____
State of Florida Notary Signature (For the Contractor)

SEAL:

TONI RICARD
Commission DD 761464
Expires February 24, 2012
Bonded Thru Troy Fain Insurance 800-385-7019

Revised 11-30-07

Permit for Chad Cady

Notice of Authorization

I, James Burbach, hereby authorize Linda Roder or Melanie Roder to be my Representative and act on my behalf in all aspects for applying for a Building Permit to be located in Columbia County.

X _____
Contractor's Signature James Burbach

8-4-08
Date

Sworn to and Subscribed before me this 4th day of August, 2008
by James Burbach, who

X is Personally Known or

_____ has produced N/A as identification.

_____
Notary Public

Notary Stamp

TONI RICARD
Commission DD 761464
Expires February 24, 2012
Bonded Thru Troy Fain Insurance 800-385-7019

PREPARED BY AND RETURN TO:

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

Property Appraiser's
Identification Number - [redacted]

TM File No: 05-1010

WARRANTY DEED

This Warranty Deed, made this 30th day of January, 2006, BETWEEN JARED CADY and STACY CADY, Husband and Wife whose post office address is P.O. Box 2218, Lake City, Florida 32056, of the County of Columbia, State of Florida, grantor*, and CHADWICK SCOTT CADY, whose post office address is P.O. Box 2887, Lake City, Florida 32056, of the County of Columbia, State of Florida, grantee*.

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

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

See Exhibit "A" attached hereto and made a part hereof.

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

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

Inst:2006002106 Date:01/30/2006 Time:14:11
Doc Stamp-Deed : 182.00
DC,P.DeWitt Cason,Columbia County B:1072 P:909

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

(Signature of First Witness)
TERRY McDAVID
(Typed Name of First Witness)

(Signature of Second Witness)
KAREN M. WRIGHT
(Typed Name of Second Witness)

JARED CADY (SEAL)

STACY CADY (SEAL)

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 30th day of January, 2006, by Jared Cady and Stacy Cady, Husband and Wife who is/are personally known to me or who has/have produced _____ as identification and who did not take an oath.

My Commission Expires:

Notary Public
Printed, typed, or stamped name:

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

Inst:2006002106 Date:01/30/2006 Time:14:11
Doc Stamp-Deed : 182.00
DC,P.DeWitt Cason,Columbia County B:1072 P:910

EXHIBIT "A"

Commence at the SE corner of the NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and thence run N 01 deg. 41'37" East, along the East line of said NW 1/4, 596.70 feet; thence N 88 degrees 45'17" West, 9.11 feet to the West maintained right of way of SW Little Road and the Point of Beginning; thence continue N 88 degrees 45'17" West, 159.82 feet; thence N 01 degrees 14'21" East 297.33 feet; thence S 88 degrees 45'40" East, 163.00 feet to said East maintained right of way; thence S 01 degrees 51'07" West along said East maintained right of way, 297.37 feet to the Point of Beginning.

Subject to and together with an ingress, egress and utility easement (50 feet wide), lying 25 feet on each side of the following described centerline:

Commence at the SE corner of the NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and run thence N 01 degrees 41'37" East, along the East line of said NW 1/4 596.70 feet; thence N 88 degrees 45'17" West, 9.11 feet to the West maintained right of way of SW Little Road and the Point of Beginning of said centerline; thence continue N 88 degrees 45'17" West 159.82 feet to the Point of Termination.

Inst:2006002106 Date:01/30/2006 Time:14:11
Doc Stamp-Deed : 182.00
DC,P.DeWitt Cason,Columbia County B:1072 P:911

AFFIDAVIT OF SUBDIVIDED REAL PROPERTY FOR USE OF IMMEDIATE FAMILY MEMBERS FOR PRIMARY RESIDENCE

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME the undersigned Notary Public personally appeared.

Jared Cady, the Owner of the parent tract which has been subdivided for immediate family primary residence use, hereinafter the Owner, and Chad Cady, the family member of the Owner, who is the owner of the family parcel which is intended for immediate family primary residence use, hereafter the Family Member, and is related to the Owner as brothers, and both individuals being first duly sworn according to law, depose and say:

1. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit.

2. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference to the Columbia county Property Appraiser Tax Parcel No. 01-5S-16-03390-007

3. The Owner has divided his parent parcel for use of immediate family members f r their primary residence and the parcel divided and the remaining parent parcel ar : at least ½ acre in size. Immediate family is defined as grandparent, parent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.

4. The Family Member is a member of the Owner's immediate family, as set forth above, and holds fee simple title to certain real property divided from the Owner s parcel situated in Columbia County and more particularly described by reference to the Columbia County Property Appraiser Tax Parcel No. 01-5S-16-03390-023

5. No person or entity other than the Owner and Family Member claims or is presently entitled to the right of possession or is in possession of the property, an l there are no tenancies, leases or other occupancies that affect the Property.

6. This Affidavit is made for the specific purpose of inducing Columbia County to recognize a family division for a family member on the parcel divided in accordance with Section 14.9 of the Columbia County Land Development Regulations.

7. This Affidavit is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the third degree.

We Hereby Certify that the information contained in this Affidavit are true and correct.

X Jared Cady
Owner

Jared Cady
Typed or Printed Name

X Chad Cady
Family Member

Chad Cady
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 4th day of August, 2008, by ~~Chad~~ Cady, Jared (Owner) who is personally known to me or has produced N/A as identification.

TONI RICARD
Commission DD 761464
Expires February 24, 2012
Bonded Thru Troy Fain Insurance 800-385-7019

Notary Public

Subscribed and sworn to (or affirmed) before me this 4th day of August, 2008, by Chad Cady (Family Member) who is personally known to me or has produced N/A as identification.

Notary Public

TONI RICARD
Commission DD 761464
Expires February 24, 2012
Bonded Thru Troy Fain Insurance 800-385-7019

Haly Glen

159.82'

SCALE: 1" = 30'-0"

25'-0" FRONT SETBACK

100'-0"

100'-0"

well

54'-2"

54'-8"

54'-2"

54'-3"

54'-3"

54'-0"

54'-0"

297.33'

25'-0" FRONT SETBACK

10'-0" SIDE SETBACK

297.33'

54'-2"

54'-8"

54'-2"

SEPTIC TANK

DRAIN FIELD

143'-0"

143'-0"

143'

CHAD & MINDY CADY
(Parcel: 01-5S-16-03390-023)
COLUMBIA COUNTY, FL

APPROX WELL LOCATION

15'-0" REAR SETBACK

N

Hale Road

417

Columbia County Property Appraiser

DB Last Updated: 8/5/2008

2008 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

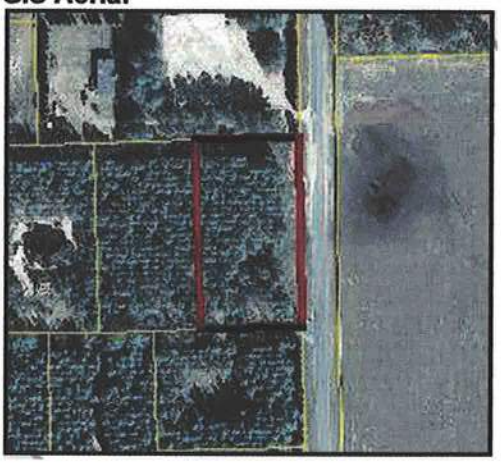
Parcel: 01-5S-16-03390-023

Search Result: 1 of 1

Owner & Property Info

Owner's Name	CADY CHADWICK SCOTT		
Site Address			
Mailing Address	PO BOX 2887 LAKE CITY, FL 32056		
Use Desc. (code)	NO AG ACRE (009900)		
Neighborhood	1516.00	**Tax District**	3
UD Codes	MKTA01	**Market Area**	01
Total Land Area	1.100 ACRES		
Description	COMM AT SE COR OF NW1/4, RUN N 596.70 FT, W 9.11 FT TO W R/W SW LITTLE RD FOR POB, CONT W 159.82 FT, N 297.33 FT, E 163.00 FT TO E R/W RD, S ALONG R/W, 297.37 FT TO POB. ORB 1056-1509. WD 1072-909		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	$25,080.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$25,080.00

Just Value	$25,080.00
Class Value	$0.00
Assessed Value	$25,080.00
Exempt Value	$0.00
Total Taxable Value	$25,080.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
1/30/2006	1072/909	WD	V	U	06	$26,000.00
8/26/2005	1056/1509	WD	V	U	02	$74,000.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
009900	AC NON-AG (MKT)	1.100 AC	1.00/1.00/1.00/1.00	$22,800.00	$25,080.00

Columbia County Property Appraiser

DB Last Updated: 8/5/2008

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (386) 752-1854
FAX (386) 755-7022
904 NW MAIN BLVD.
LAKE CITY, FLORIDA 32055

July 30, 2008

Notice To All Contractors:
Chad Cady

Please be advised that due to the new building codes we will Use a large capacity diaphragm tank on all new well. This will in sure a minimum of one (1) minute draw down or One (1) minute refill. If a smaller diaphragm tank is used then We will install a cycle stop valve which will produce the same Results. All wells will have a pump & tank combination that Will be sufficient enough for each situation.

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

Thank You,

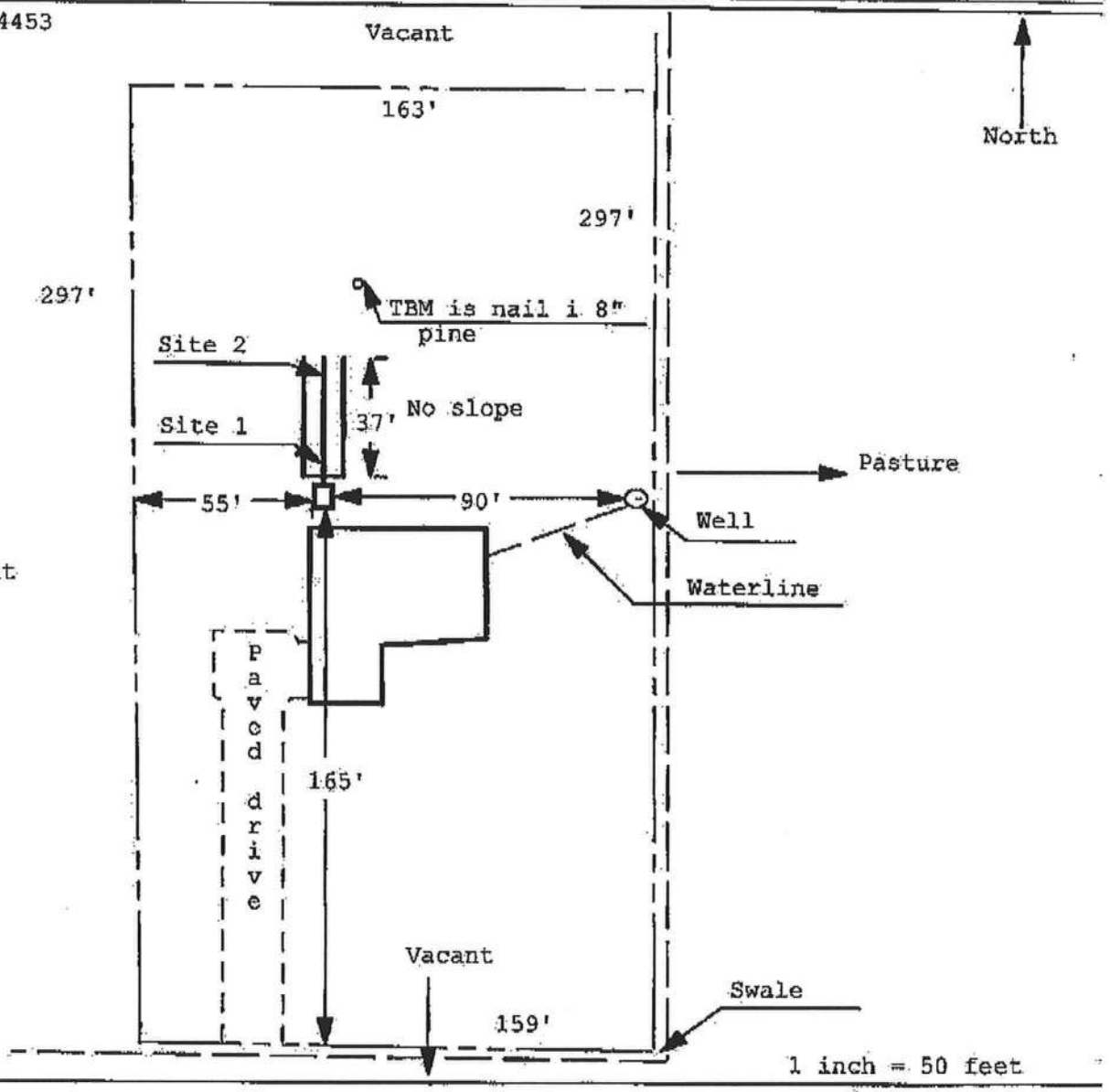
Donald Hall

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

Permit Application Number: 08-0561

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CADY/CR 08-4453



Site Plan Submitted By Tony Albright Date 8/7/08

Plan Approved ✓ Not Approved ____ Date 8/15/08

By _____ Columbia CPHU

Notes: _____

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Chadwick & Arminda Cady**	Builder:	**Burbach Construction**
Address:		Permitting Office:	Columbia
City, State:	**Columbia County, FL 32024-**	Permit Number:	27308
Owner:	**Cady Residence**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No		
6. Conditioned floor area (ft²)	1822 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT)	7a. (Dble Default) 331.4 ft²	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
b. SHGC:			HSPF: 7.70
(or Clear or Tint DEFAULT)	7b. (Clear) 331.4 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=5.0, 198.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 80.0 gallons
a. Frame, Wood, Exterior	R=13.0, 1348.6 ft²		EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 178.0 ft²	b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	PT,
a. Under Attic	R=30.0, 1950.0 ft²	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 45.0 ft		
b. N/A			

Glass/Floor Area: 0.18

Total as-built points: 24581

Total base points: 24914

PASS

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

PREPARED BY: _____

DATE: 3/26/08

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

OWNER/AGENT: _____

DATE: 4-6-08

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: **, Columbia County, FL, 32024-** 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	1822.0	18.59	6097.0	1.Double, Clear	W	1.5	9.0	16.0	38.52	0.97	598.0	
				2.Double, Clear	W	5.5	10.0	60.0	38.52	0.70	1616.0	
				3.Double, Clear	W	5.5	10.0	13.3	38.52	0.70	359.0	
				4.Double, Clear	S	3.5	10.0	17.8	35.87	0.76	485.0	
				5.Double, Clear	W	1.5	10.0	36.0	38.52	0.98	1357.0	
				6.Double, Clear	W	1.5	10.0	8.0	38.52	0.98	301.0	
				7.Double, Clear	W	1.5	9.0	30.0	38.52	0.97	1121.0	
				8.Double, Clear	N	1.5	9.0	36.0	19.20	0.98	674.0	
				9.Double, Clear	N	1.5	9.0	6.0	19.20	0.98	112.0	
				10.Double, Clear	E	1.5	9.0	15.0	42.06	0.97	611.0	
				11.Double, Clear	E	1.5	9.0	30.0	42.06	0.97	1223.0	
				12.Double, Clear	E	1.5	9.0	6.0	42.06	0.97	244.0	
				13.Double, Clear	E	5.5	11.0	13.3	42.06	0.73	406.0	
				14.Double, Clear	S	1.5	9.0	8.0	35.87	0.94	270.0	
				15.Double, Clear	S	1.5	9.0	30.0	35.87	0.94	1015.0	
				16.Double, Clear	S	1.5	9.0	6.0	35.87	0.94	203.0	
				As-Built Total:				**331.4**			**10595.0**	

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	1348.6	1.50	2022.9
Exterior	1348.6	1.70	2292.6	2. Frame, Wood, Adjacent	13.0	178.0	0.60	106.8
Base Total:	**1526.6**		**2417.2**	**As-Built Total:**		**1526.6**		**2129.7**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	1.Exterior Insulated	20.0	4.10	82.0
Exterior	20.0	6.10	122.0	2.Adjacent Insulated	20.0	1.60	32.0
Base Total:	**40.0**		**170.0**	**As-Built Total:**	**40.0**		**114.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	1822.0	1.73	3152.1	1. Under Attic	30.0	1950.0	1.73 X 1.00	3373.5
Base Total:	**1822.0**		**3152.1**	**As-Built Total:**		**1950.0**		**3373.5**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	198.0(p)	-37.0	-7326.0	1. Slab-On-Grade Edge Insulation	5.0	198.0(p	-36.20	-7167.6
Raised	0.0	0.00	0.0					
Base Total:			**-7326.0**	**As-Built Total:**		**198.0**		**-7167.6**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **Columbia County, FL, 32024-**	PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points		Area X	SPM	= Points			
	1822.0	10.21	18602.6		1822.0	10.21	18602.6			
Summer Base Points: 23112.9				**Summer As-Built Points:**						**27647.2**
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 42000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS)						
				27647	1.00	(1.09 x 1.000 x 1.11)	0.260	0.950	8262.2	
23112.9	**0.3250**	**7511.7**		**27647.2**	**1.00**	**1.210**	**0.260**	**0.950**	**8262.2**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **Columbia County, FL, 32024-** 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	1822.0	20.17	6615.0	1.Double, Clear	W	1.5	9.0	16.0	20.73	1.01	334.0	
				2.Double, Clear	W	5.5	10.0	60.0	20.73	1.10	1362.0	
				3.Double, Clear	W	5.5	10.0	13.3	20.73	1.10	302.0	
				4.Double, Clear	S	3.5	10.0	17.8	13.30	1.29	304.0	
				5.Double, Clear	W	1.5	10.0	36.0	20.73	1.01	750.0	
				6.Double, Clear	W	1.5	10.0	8.0	20.73	1.01	166.0	
				7.Double, Clear	W	1.5	9.0	30.0	20.73	1.01	626.0	
				8.Double, Clear	N	1.5	9.0	36.0	24.58	1.00	885.0	
				9.Double, Clear	N	1.5	9.0	6.0	24.58	1.00	147.0	
				10.Double, Clear	E	1.5	9.0	15.0	18.79	1.02	286.0	
				11.Double, Clear	E	1.5	9.0	30.0	18.79	1.02	572.0	
				12.Double, Clear	E	1.5	9.0	6.0	18.79	1.02	114.0	
				13.Double, Clear	E	5.5	11.0	13.3	18.79	1.12	280.0	
				14.Double, Clear	S	1.5	9.0	8.0	13.30	1.02	108.0	
				15.Double, Clear	S	1.5	9.0	30.0	13.30	1.02	408.0	
				16.Double, Clear	S	1.5	9.0	6.0	13.30	1.02	81.0	
				As-Built Total:				**331.4**				**6725.0**

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	1348.6	3.40	4585.2
Exterior	1348.6	3.70	4989.8	2. Frame, Wood, Adjacent	13.0	178.0	3.30	587.4
Base Total:	**1526.6**		**5630.6**	**As-Built Total:**		**1526.6**		**5172.6**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	11.50	230.0	1.Exterior Insulated	20.0	8.40	168.0
Exterior	20.0	12.30	246.0	2.Adjacent Insulated	20.0	8.00	160.0
Base Total:	**40.0**		**476.0**	**As-Built Total:**	**40.0**		**328.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	1822.0	2.05	3735.1	1. Under Attic	30.0	1950.0	2.05 X 1.00	3997.5
Base Total:	**1822.0**		**3735.1**	**As-Built Total:**		**1950.0**		**3997.5**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	198.0(p)	8.9	1762.2	1. Slab-On-Grade Edge Insulation	5.0	198.0(p	7.60	1504.8
Raised	0.0	0.00	0.0					
Base Total:			**1762.2**	**As-Built Total:**		**198.0**		**1504.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **, Columbia County, FL, 32024-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points			
	1822.0	-0.59	-1075.0		1822.0	-0.59	-1075.0			
Winter Base Points:			**17143.9**	**Winter As-Built Points:**						**16653.0**
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 42000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Att(AH),R6.0						
				16653.0	1.000	(1.069 x 1.000 x 1.10)	0.443	0.950	8238.5	
17143.9	**0.5540**	**9497.7**		**16653.0**	**1.00**	**1.176**	**0.443**	**0.950**	**8238.5**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **, Columbia County, FL, 32024-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	80.0	0.90	3	1.00	2693.56	1.00	8080.7	
				As-Built Total:						**8080.7**	

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points		Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	
7512	**9498**	**7905**	**24914**		**8262**	**8239**	**8081**	**24581**	

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , **Columbia County, FL, 32024-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.6

The higher the score, the more efficient the home.

Cady Residence, , Columbia County, FL, 32024-

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 42.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3			b. N/A	
5.	Is this a worst case?	No				
6.	Conditioned floor area (ft²)	1822 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 331.4 ft²			a. Electric Heat Pump	Cap: 42.0 kBtu/hr
	b. SHGC:					HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (Clear) 331.4 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=5.0, 198.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 80.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1348.6 ft²				EF: 0.90
	b. Frame, Wood, Adjacent	R=13.0, 178.0 ft²			b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1950.0 ft²		15.	HVAC credits	PT,
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts(Leak Free)				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 45.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

Energy Code Compliance

Duct System Performance Report

Project Name:	Chadwick & Arminda Cady	Builder:	Burbach Construction
Address:		Permitting Office:	
City, State:	Columbia County, FL 32024-	Permit Number:	
Owner:	Cady Residence	Jurisdiction Number:	
Climate Zone:	North		

Total Duct System Leakage Test Results

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

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

Signature: _____

Printed Name: _____

Florida Rater Certification #: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

Chad Cady

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR THE FLORIDA RESIDENTIAL BUILDING CODE 2004 with 2005 & 2006
Supplements and One (1) and Two (2) Family Dwellings

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current FLORIDA BUILDING CODES and the Current FLORIDA RESIDENTIAL CODE. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the Residential Code (Florida Wind speed map) **SHALL BE USED.**

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

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

GENERAL REQUIREMENTS;

- Two (2) complete sets of plans containing the following:
- All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void
- Condition space (Sq. Ft.) and total (Sq. Ft.) under roof shall be shown on the plans.
- Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents per FBC 106.1.

Site Plan information including:

- Dimensions of lot or parcel of land
- Dimensions of all building set backs
- Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.
- Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required:

- Plans or specifications must meet state compliance with FRC Chapter 3
- The following information must be shown as per section FRC
- Basic wind speed (3-second gust), miles per hour
- Wind importance factor and nature of occupancy
- Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- The applicable internal pressure coefficient, Components and Cladding The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.

Elevations Drawing including:

- All side views of the structure
- Roof pitch
- Overhang dimensions and detail with attic ventilation
- Location, size and height above roof of chimneys
- Location and size of skylights with Florida Product Approval
- Number of stories
- e) Building height from the established grade to the roofs highest peak

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

Floor Plan including:

- Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies and raised floor surfaces located more than 30 inches above the floor or grade
- All exterior and interior shear walls indicated
- Shear wall opening shown (Windows, Doors and Garage doors
- Emergency escape and rescue opening in each bedroom (net clear opening shown)
- Safety glazing of glass where needed
- Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FRC)
- Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FRC 311)
- Plans must show and identify accessibility of bathroom (see FRC 322)

All materials placed within opening or onto/into exterior shear walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

Foundation Plans Per FRC 403:

- a) Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling.
- d) Assumed load-bearing valve of soil_____ (psf)
- e) Location of horizontal and vertical steel, for foundation or walls (include # size and type)

CONCRETE SLAB ON GRADE Per FRC R506

- Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
- Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports

PROTECTION AGAINST TERMITES Per FRC 320:

- Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides

Masonry Walls and Stem walls (load bearing & shear Walls) FRC Section R606

- Show all materials making up walls, wall height, and Block size, mortar type
- Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

- Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer
- Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers
- Girder type, size and spacing to load bearing walls, stem wall and/or priers
- Attachment of joist to girder
- Wind load requirements where applicable
- Show required under-floor crawl space
- Show required amount of ventilation opening for under-floor spaces
- Show required covering of ventilation opening.
- Show the required access opening to access to under-floor spaces
- Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing
- Show Draft stopping, Fire caulking and Fire blocking
- Show fireproofing requirements for garages attached to living spaces, per FRC section R309
- Provide live and dead load rating of floor framing systems (psf).

WOOD WALL FRAMING CONSTRUCTION FRC CHAPTER 6

- Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls.
- Fastener schedule for structural members per table R602.3 (1) are to be shown.
- Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing
- Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems.
- Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FRC Table R502.5 (1)
- Indicate where pressure treated wood will be placed.
- Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas
- A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail

ROOF SYSTEMS:

- Truss design drawing shall meet section FRC R802.10 Wood trusses. Include a layout and truss details and be signed and sealed by Fl. Pro. Eng.
- Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters
- Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details
- Provide dead load rating of trusses

Conventional Roof Framing Layout Per FRC 802:

- Rafter and ridge beams sizes, span, species and spacing
- Connectors to wall assemblies' include assemblies' resistance to uplift rating.
- Valley framing and support details
- Provide dead load rating of rafter system.

ROOF SHEATHING FRC Table R602,3(2) FRC 803

- Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing on the edges & intermediate areas

ROOF ASSEMBLIES FRC Chapter 9

- Include all materials which will make up the roof assembles covering; with Florida Product Approval numbers for each component of the roof assembles covering.

FCB Chapter 13 Florida Energy Efficiency Code for Building Construction

- Residential construction shall comply with this code by using the following compliance methods in the FBC Subchapter 13-6, Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area
- Show the insulation R value for the following areas of the structure: Attic space, Exterior wall cavity and Crawl space (if applicable)

HVAC information shown

- Manual J sizing equipment or equivalent computation
- Exhaust fans locations in bathrooms

Plumbing Fixture layout shown

- All fixtures waste water lines shall be shown on the foundation plan

Electrical layout shown including:

- Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- Ceiling fans
- Smoke detectors
- Service panel, sub-panel, location(s) and total ampere ratings

- ✓ On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.
- ✓ Appliances and HVAC equipment and disconnects
- ✓ Arc Fault Circuits (AFCI) in bedrooms

- o Notarized Disclosure Statement for Owner Builders

- o Notice of Commencement Recorded (in the Columbia County Clerk Office) Notice Of Commencement is required to be filed with the building department Before Any Inspections Will Be Done.

Private Potable Water

- ✓ Size of pump motor
- ✓ Size of pressure tank
- ✓ Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

- o Building Permit Application: A current Building Permit Application form is to be completed and submitted for all residential projects.

- o Parcel Number: The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

- o Environmental Health Permit or Sewer Tap Approval: A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)

- o City Approval: If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

- o Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED. A development permit will also be required. The permit cost is $50.00.

- o Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit ($25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ($50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

- o 911 Address: If the project is located in an area where the 911 address has been issued, then the proper Paper work from the 911 Addressing Departments must be submitted. (386) 758-1125

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. NOTIFICATION WILL BE GIVEN WHEN THE APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT.

Residential System Sizing Calculation

Summary

Cady Residence

Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

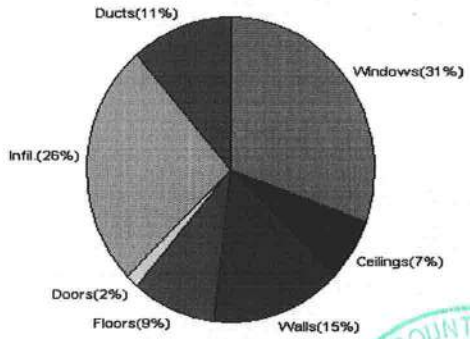
3/26/2008

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	**34528**	**Btuh**	**Total cooling load calculation**	**51396**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	121.6	42000	Sensible (SHR = 0.75)	73.9	31500
Heat Pump + Auxiliary(0.0kW)	121.6	42000	Latent	120.0	10500
			Total (Electric Heat Pump)	81.7	42000

WINTER CALCULATIONS

Winter Heating Load (for 1822 sqft)

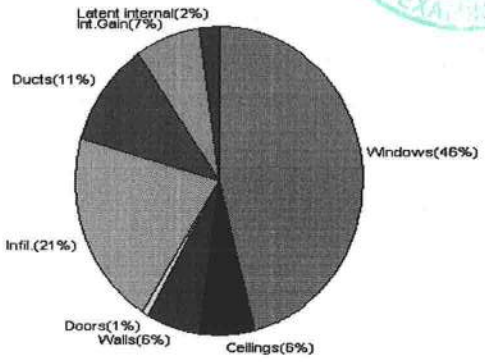
Load component			Load	
Window total	331	sqft	10669	Btuh
Wall total	1527	sqft	5013	Btuh
Door total	40	sqft	518	Btuh
Ceiling total	1950	sqft	2298	Btuh
Floor total	198	sqft	3238	Btuh
Infiltration	219	cfm	8856	Btuh
Duct loss			3935	Btuh
Subtotal			**34528**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**34528**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1822 sqft)

Load component			Load	
Window total	331	sqft	23595	Btuh
Wall total	1527	sqft	3082	Btuh
Door total	40	sqft	392	Btuh
Ceiling total	1950	sqft	3229	Btuh
Floor total			0	Btuh
Infiltration	191	cfm	3560	Btuh
Internal gain			3780	Btuh
Duct gain			5009	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**42647**	**Btuh**
Latent gain(ducts)			557	Btuh
Latent gain(infiltration)			6991	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**8749**	**Btuh**
TOTAL HEAT GAIN			**51396**	**Btuh**



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Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 3/26/08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Cady Residence

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

Columbia County, FL 32024-

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

3/26/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	16.0	32.2	515 Btuh
2	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
3	2, Clear, Metal, 0.87	W	13.3	32.2	429 Btuh
4	2, Clear, Metal, 0.87	S	17.8	32.2	572 Btuh
5	2, Clear, Metal, 0.87	W	36.0	32.2	1159 Btuh
6	2, Clear, Metal, 0.87	W	8.0	32.2	258 Btuh
7	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	N	36.0	32.2	1159 Btuh
9	2, Clear, Metal, 0.87	N	6.0	32.2	193 Btuh
10	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
11	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
12	2, Clear, Metal, 0.87	E	6.0	32.2	193 Btuh
13	2, Clear, Metal, 0.87	E	13.3	32.2	429 Btuh
14	2, Clear, Metal, 0.87	S	8.0	32.2	258 Btuh
15	2, Clear, Metal, 0.87	S	30.0	32.2	966 Btuh
16	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
	Window Total		331(sqft)		10669 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1349	3.3	4429 Btuh
2	Frame - Wood - Adj(0.09)	13.0	178	3.3	585 Btuh
	Wall Total		1527		5013 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1950	1.2	2298 Btuh
	Ceiling Total		1950		2298Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	198.0 ft(p)	16.4	3238 Btuh
	Floor Total		198		3238 Btuh
			Envelope Subtotal:		21736 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	16398	1527 218.6	8856 Btuh
Ductload				(DLM of 0.129)	3935 Btuh
All Zones			**Sensible Subtotal All Zones**		**34528 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Cady Residence

Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

3/26/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	34528 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	34528 Btuh

EQUIPMENT

1. Electric Heat Pump	#	42000 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

Cady Residence

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

Columbia County, FL 32024-

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

3/26/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	16.0	32.2	515 Btuh
2	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
3	2, Clear, Metal, 0.87	W	13.3	32.2	429 Btuh
4	2, Clear, Metal, 0.87	S	17.8	32.2	572 Btuh
5	2, Clear, Metal, 0.87	W	36.0	32.2	1159 Btuh
6	2, Clear, Metal, 0.87	W	8.0	32.2	258 Btuh
7	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	N	36.0	32.2	1159 Btuh
9	2, Clear, Metal, 0.87	N	6.0	32.2	193 Btuh
10	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
11	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
12	2, Clear, Metal, 0.87	E	6.0	32.2	193 Btuh
13	2, Clear, Metal, 0.87	E	13.3	32.2	429 Btuh
14	2, Clear, Metal, 0.87	S	8.0	32.2	258 Btuh
15	2, Clear, Metal, 0.87	S	30.0	32.2	966 Btuh
16	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
	Window Total		331(sqft)		10669 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1349	3.3	4429 Btuh
2	Frame - Wood - Adj(0.09)	13.0	178	3.3	585 Btuh
	Wall Total		1527		5013 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1950	1.2	2298 Btuh
	Ceiling Total		1950		2298Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	198.0 ft(p)	16.4	3238 Btuh
	Floor Total		198		3238 Btuh
			Zone Envelope Subtotal:		21736 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	16398	1527 218.6	8856 Btuh
Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DLM of 0.129)	3935 Btuh
Zone #1			**Sensible Zone Subtotal**		**34528 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Cady Residence

Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

3/26/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	34528 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	34528 Btuh

EQUIPMENT

1. Electric Heat Pump	#	42000 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
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Cady Residence

Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

3/26/2008

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	16.0	0.0	16.0	29	80	1272 Btuh
2	2, Clear, 0.87, None,N,N	W	5.5ft	10ft.	60.0	5.6	54.3	29	80	4485 Btuh
3	2, Clear, 0.87, None,N,N	W	5.5ft	10ft.	13.3	0.0	13.3	29	80	1060 Btuh
4	2, Clear, 0.87, None,N,N	S	3.5ft	10ft.	17.8	17.8	0.0	29	34	515 Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	36.0	0.0	36.0	29	80	2863 Btuh
6	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	8.0	0.0	8.0	29	80	636 Btuh
7	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385 Btuh
8	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	36.0	0.0	36.0	29	29	1043 Btuh
9	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	6.0	0.0	6.0	29	29	174 Btuh
10	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	15.0	0.0	15.0	29	80	1193 Btuh
11	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385 Btuh
12	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	6.0	0.0	6.0	29	80	477 Btuh
13	2, Clear, 0.87, None,N,N	E	5.5ft	11ft.	13.3	0.5	12.9	29	80	1037 Btuh
14	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	8.0	8.0	0.0	29	34	232 Btuh
15	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	30.0	30.0	0.0	29	34	869 Btuh
16	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	6.0	6.0	0.0	29	34	174 Btuh
	Excursion									2796 Btuh
	Window Total				331 (sqft)					23595 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1348.6	2.1	2813 Btuh
2	Frame - Wood - Adj	13.0/0.09	178.0	1.5	269 Btuh
	Wall Total		1527 (sqft)		3082 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	20.0	9.8	196 Btuh
	Door Total	40 (sqft)		392 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1950.0	1.7	3229 Btuh
	Ceiling Total		1950 (sqft)		3229 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	198 (ft(p))	0.0	0 Btuh
	Floor Total		198.0 (sqft)		0 Btuh

			Envelope Subtotal:		30298 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.70	16398	1527	218.6	3560 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 230	+	2400	3780 Btuh

	Sensible Envelope Load:		37638 Btuh
Duct load		(DGM of 0.133)	5009 Btuh
		Sensible Load All Zones	**42647 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Cady Residence

Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

3/26/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**37638 Btuh**
	Sensible Duct Load	5009 Btuh
	Total Sensible Zone Loads	**42647 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**42647 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	6991 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	557 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**8749 Btuh**
	TOTAL GAIN	**51396 Btuh**

EQUIPMENT

1. Central Unit	#	42000 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

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Cady Residence
Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 3/26/2008

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	16.0	0.0	16.0	29	80	1272 Btuh
2	2, Clear, 0.87, None,N,N	W	5.5ft	10ft.	60.0	5.6	54.3	29	80	4485 Btuh
3	2, Clear, 0.87, None,N,N	W	5.5ft	10ft.	13.3	0.0	13.3	29	80	1060 Btuh
4	2, Clear, 0.87, None,N,N	S	3.5ft	10ft.	17.8	17.8	0.0	29	34	515 Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	36.0	0.0	36.0	29	80	2863 Btuh
6	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	8.0	0.0	8.0	29	80	636 Btuh
7	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385 Btuh
8	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	36.0	0.0	36.0	29	29	1043 Btuh
9	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	6.0	0.0	6.0	29	29	174 Btuh
10	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	15.0	0.0	15.0	29	80	1193 Btuh
11	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385 Btuh
12	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	6.0	0.0	6.0	29	80	477 Btuh
13	2, Clear, 0.87, None,N,N	E	5.5ft	11ft.	13.3	0.5	12.9	29	80	1037 Btuh
14	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	8.0	8.0	0.0	29	34	232 Btuh
15	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	30.0	30.0	0.0	29	34	869 Btuh
16	2, Clear, 0.87, None,N,N	S	1.5ft	9ft.	6.0	6.0	0.0	29	34	174 Btuh
	Window Total				331 (sqft)					20799 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1348.6	2.1	2813 Btuh
2	Frame - Wood - Adj	13.0/0.09	178.0	1.5	269 Btuh
	Wall Total		1527 (sqft)		3082 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	20.0	9.8	196 Btuh
	Door Total	40 (sqft)		392 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1950.0	1.7	3229 Btuh
	Ceiling Total		1950 (sqft)		3229 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	198 (ft(p))	0.0	0 Btuh
	Floor Total		198.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		27502 Btuh
Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM= Load
	SensibleNatural	0.70	16398	1527	191.3 3560 Btuh
Internal gain	Occupants	Btuh/occupant			Appliance Load
	6	X 230	+		2400 3780 Btuh
			Sensible Envelope Load:		34843 Btuh
Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.133)	4637 Btuh
			Sensible Zone Load		**39479 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Cady Residence
Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

3/26/2008

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

Windows	July excursion for System 1	2796 Btuh
	Excursion Subtotal:	2796 Btuh
Duct load		372 Btuh
	Sensible Excursion Load	**3168 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Cady Residence

Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

Code Only
Professional Version
Climate: North

3/26/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**37638**	**Btuh**
	Sensible Duct Load	5009	Btuh
	Total Sensible Zone Loads	**42647**	**Btuh**
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
	Total sensible gain	**42647**	**Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	6991	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	557	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	**8749**	**Btuh**
	TOTAL GAIN	**51396**	**Btuh**

EQUIPMENT

1. Central Unit	#	42000 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

Cady Residence

Columbia County, FL 32024-

Project Title:
Chadwick & Arminda Cady

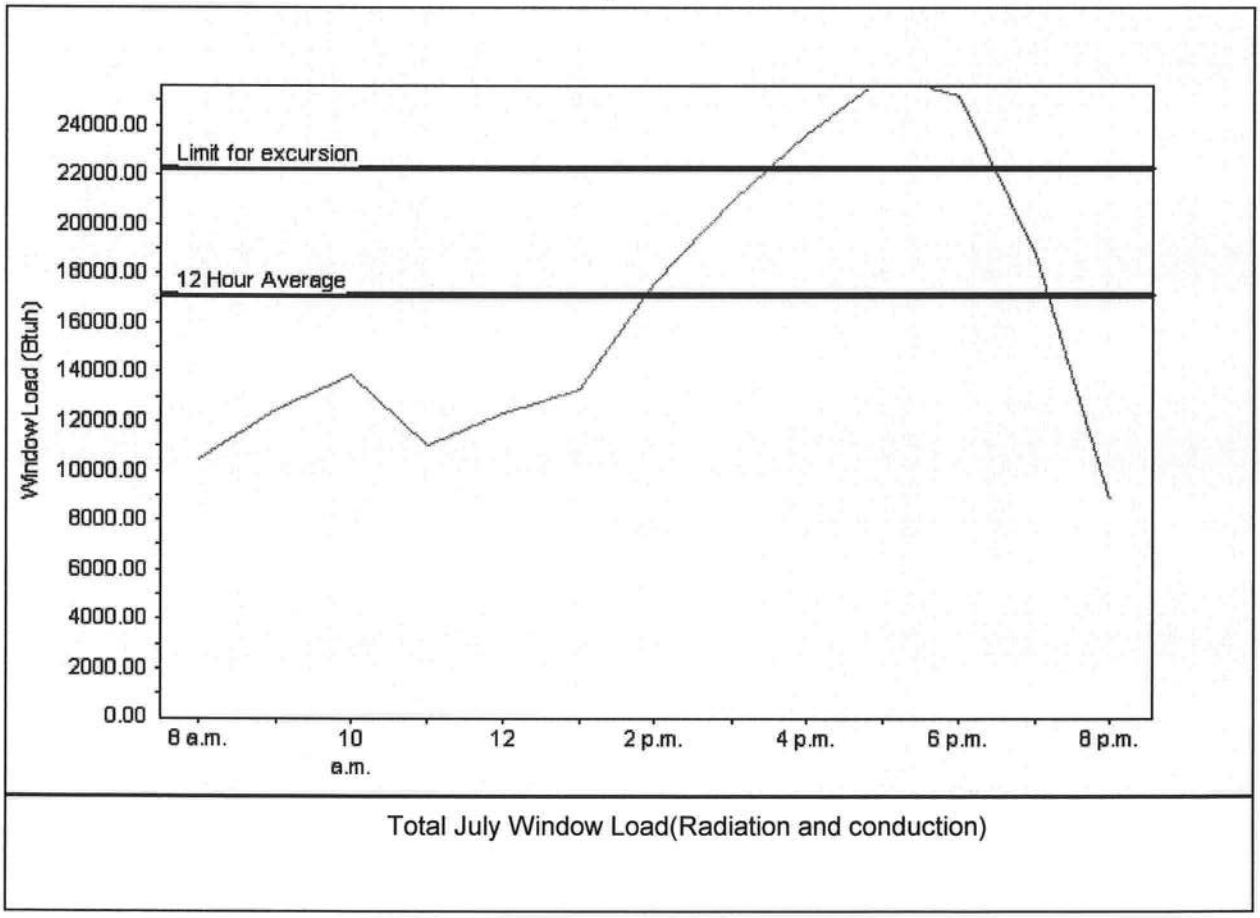
Code Only
Professional Version
Climate: North

3/26/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	17135 Btu
Summer setpoint	75 F	Peak window load for July	26026 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	22275 Btu
Latitude	29 North	Window excursion (July)	3750 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: _____

Chad Cady

PRODUCT APPROVAL SPECIFICATION SHEET

Location: **Project Name:**

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional	Raynor	Classic Garage Door	FL-3070
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung	David	Single hung windows	FL 1369
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL	James Hardie		
1. Siding	~~Atlas~~	hardiboard Siding	FL 889-R1
2. Soffits	Ashley	Aluminum	FL 406
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Tamko	30-year asphault shingles	FL 673
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			

Chad Cady

ory/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspectic

Linda Rader

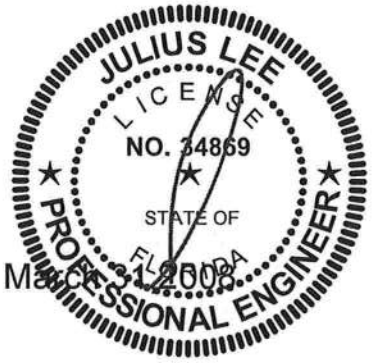
Contractor or Contractor's Authorized Agent Signature

Linda Rader

Print Name

Date

Builders FirstSource



Project Information for: **L272646**

...	...
Address:	420 Southwest Holy Glen
...	Lake City, FL 32024
County:	Columbia
Truss Count:	38
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): 55.0 Wind Speed (mph): 110

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

Engineer of Record: Unknown at time of Seal Date
Address: Unknown at time of Seal Date

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

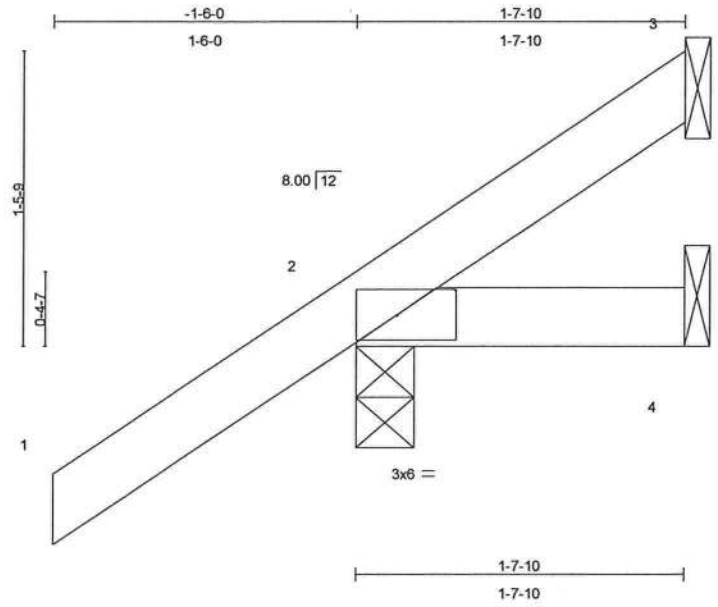
Notes:

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	Seal Date	No.	Drwg. #	Truss ID	Seal Date
1	J1949249	CJ1	3/31/08	29	J1949277	T12	3/31/08
2	J1949250	CJ2	3/31/08	30	J1949278	T13	3/31/08
3	J1949251	CJ3	3/31/08	31	J1949279	T14	3/31/08
4	J1949252	CJ4	3/31/08	32	J1949280	T15	3/31/08
5	J1949253	CJ5	3/31/08	33	J1949281	T16	3/31/08
6	J1949254	CJ6	3/31/08	34	J1949282	T17	3/31/08
7	J1949255	EJ7	3/31/08	35	J1949283	T18	3/31/08
8	J1949256	EJ7A	3/31/08	36	J1949284	T19	3/31/08
9	J1949257	EJ7B	3/31/08	37	J1949285	T19G	3/31/08
10	J1949258	EJ7C	3/31/08	38	J1949286	T20	3/31/08
11	J1949259	EJ7D	3/31/08				
12	J1949260	HJ11	3/31/08				
13	J1949261	PB01	3/31/08				
14	J1949262	PB02	3/31/08				
15	J1949263	PB03	3/31/08				
16	J1949264	T01	3/31/08				
17	J1949265	T01G	3/31/08				
18	J1949266	T02	3/31/08				
19	J1949267	T03	3/31/08				
20	J1949268	T04	3/31/08				
21	J1949269	T04G	3/31/08				
22	J1949270	T05	3/31/08				
23	J1949271	T06	3/31/08				
24	J1949272	T07	3/31/08				
25	J1949273	T08	3/31/08				
26	J1949274	T09	3/31/08				
27	J1949275	T10	3/31/08				
28	J1949276	T11	3/31/08				

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949249
L272646	CJ1	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:07 2008 Page 1



Scale = 1:10.8

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.02	Vert(TL)	-0.00	2	>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: 8 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-7-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=173/0-3-8, 4=8/Mechanical, 3=3/Mechanical
Max Horz 2=114(load case 6)
Max Uplift 2=-152(load case 6), 3=-12(load case 7)
Max Grav 2=173(load case 1), 4=24(load case 2), 3=23(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-48/13
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.11

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

March 31,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949249
L272646	CJ1	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 152 lb uplift at joint 2 and 12 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

March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949250
L272646	CJ2	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:07 2008 Page 1

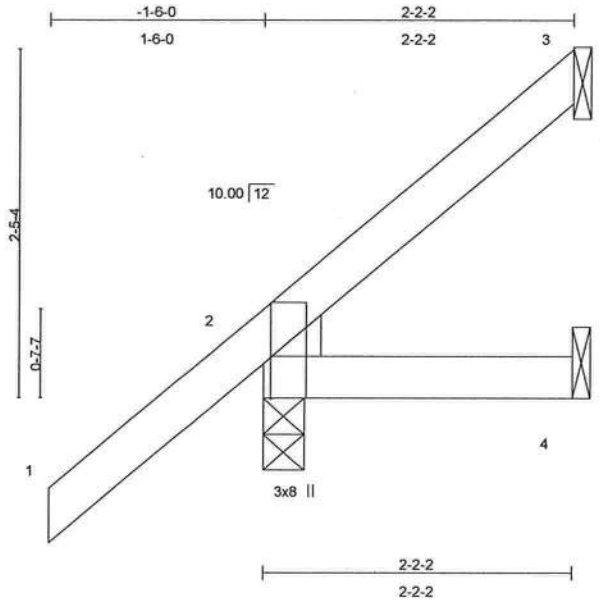


Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	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
WEDGE
Left: 2 X 4 SYP No.3

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

REACTIONS (lb/size) 3=16/Mechanical, 2=189/0-3-8, 4=10/Mechanical
Max Horz 2=157(load case 6)
Max Uplift 3=-40(load case 7), 2=-128(load case 6)
Max Grav 3=27(load case 4), 2=189(load case 1), 4=30(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-65/18
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.09 and 2 = 0.00

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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. 34869
1309 Coastal Bay Blvd
Boynton Beach, FL 33435

March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949250
L272646	CJ2	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 40 lb uplift at joint 3 and 128 lb uplift at joint 2.

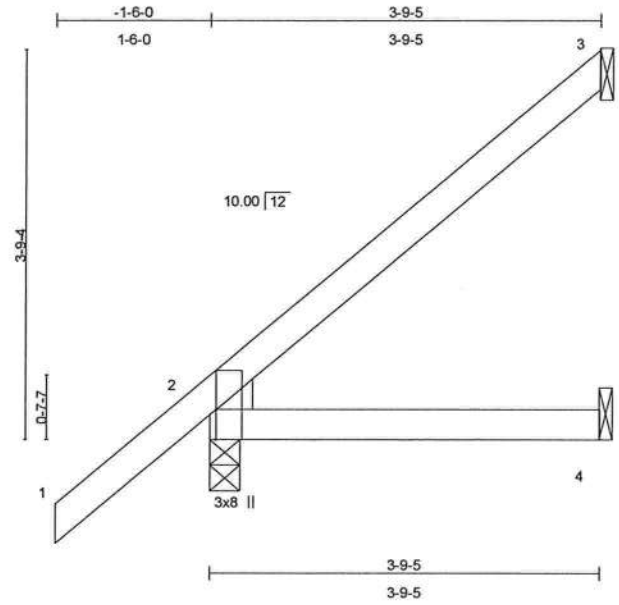
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE# No. 34183
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949251
L272646	CJ3	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:08 2008 Page 1



Scale = 1:21.1

Plate Offsets (X,Y): [2:0-3-8,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	0.18	Vert(LL)	-0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	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: 17 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=76/Mechanical, 2=224/0-3-8, 4=18/Mechanical
Max Horz 2=218(load case 6)
Max Uplift 3=-111(load case 6), 2=-105(load case 6)
Max Grav 3=76(load case 1), 2=224(load case 1), 4=54(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-105/39
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.12 and 2 = 0.00

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949251
L272646	CJ3	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 3 and 105 lb uplift at joint 2.

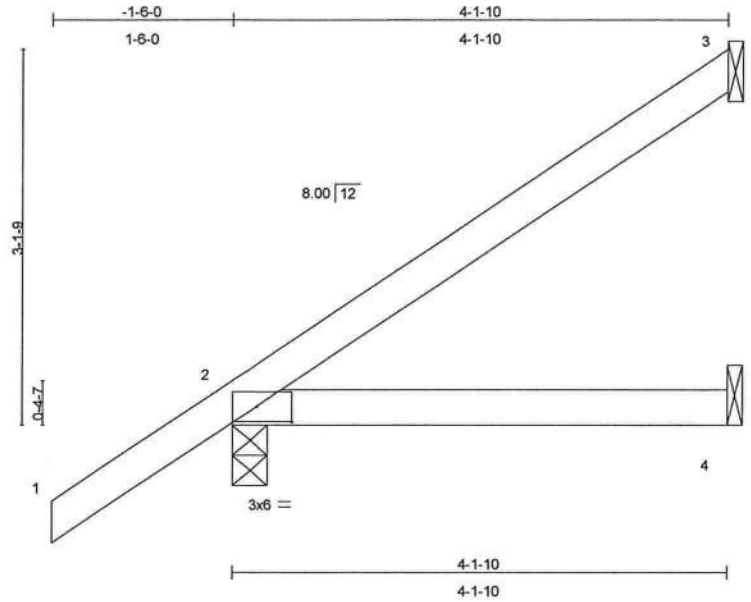
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida FIE No. 34781
1309 Coastal Bay Blvd
Boynton Beach, FL 33435

March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949252
L272646	CJ4	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:09 2008 Page 1



Scale = 1:18.1

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.02	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: 17 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 4-1-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=87/Mechanical, 2=233/0-3-8, 4=20/Mechanical
Max Horz 2=189(load case 6)
Max Uplift 3=-92(load case 6), 2=-137(load case 6)
Max Grav 3=87(load case 1), 2=233(load case 1), 4=59(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-78/38
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.13

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

March 31,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949252
L272646	CJ4	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 92 lb uplift at joint 3 and 137 lb uplift at joint 2.

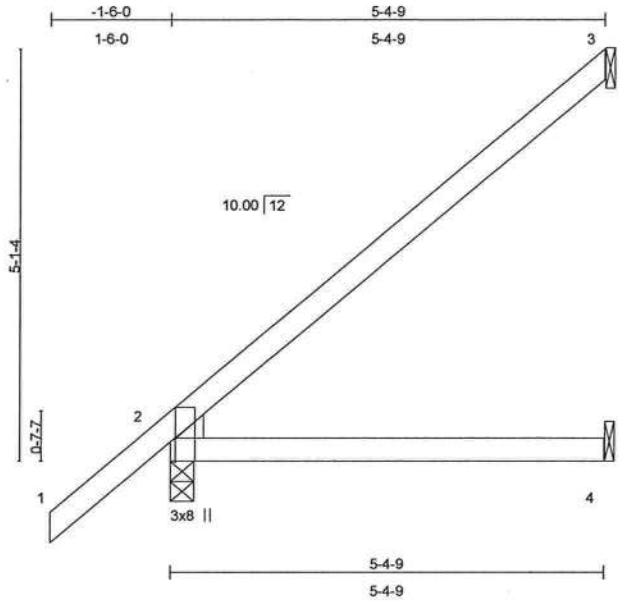
LOAD CASE(S) Standard

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

March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949253
L272646	CJ5	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:09 2008 Page 1



Scale = 1:26.9

Plate Offsets (X,Y): [2:0-3-8,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	0.32	Vert(LL)	-0.04	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.19	Vert(TL)	-0.07	2-4	>946	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: 22 lb	

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

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

REACTIONS (lb/size) 3=125/Mechanical, 2=268/0-3-8, 4=26/Mechanical
Max Horz 2=280(load case 6)
Max Uplift 3=-176(load case 6), 2=-96(load case 6)
Max Grav 3=125(load case 1), 2=268(load case 1), 4=78(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-160/66
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.15 and 2 = 0.00

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949253
L272646	CJ5	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 176 lb uplift at joint 3 and 96 lb uplift at joint 2.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949254
L272646	CJ6	JACK	1	1	Job Reference (optional)

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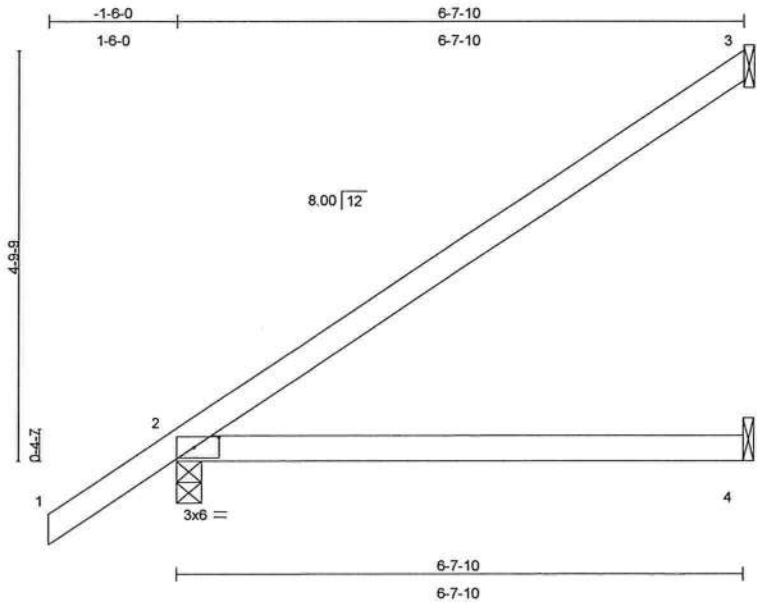

Scale = 1:25.4

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.09	2-4	>861	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.16	2-4	>492	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: 25 lb	

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

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

REACTIONS (lb/size) 3=162/Mechanical, 2=306/0-3-8, 4=32/Mechanical
Max Horz 2=266(load case 6)
Max Uplift 3=-175(load case 6), 2=-140(load case 6)
Max Grav 3=162(load case 1), 2=306(load case 1), 4=96(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-139/72
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.16

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949254
L272646	CJ6	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 175 lb uplift at joint 3 and 140 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949255
L272646	EJ7	JACK	17	1	Job Reference (optional)

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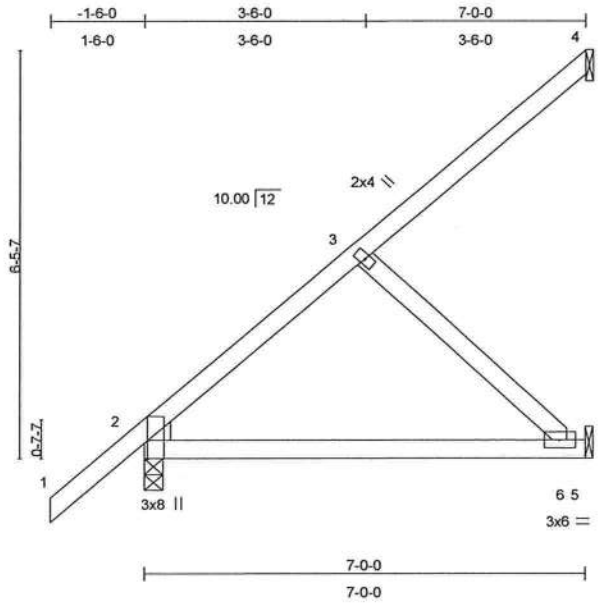

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.07	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.13	2-6	>635	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.06	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 34 lb	

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

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

REACTIONS (lb/size) 4=76/Mechanical, 2=317/0-3-8, 5=130/Mechanical
Max Horz 2=243(load case 6)
Max Uplift 4=-67(load case 6), 2=-54(load case 6), 5=-68(load case 6)
Max Grav 4=76(load case 1), 2=317(load case 1), 5=132(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-209/0, 3-4=-89/37
BOT CHORD 2-6=-163/115, 5-6=0/0
WEBS 3-6=-158/223

JOINT STRESS INDEX
2 = 0.63, 2 = 0.00, 3 = 0.12 and 6 = 0.08

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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.

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March 31,2008

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949255
L272646	EJ7	JACK	17	1	Job Reference (optional)

NOTES

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 67 lb uplift at joint 4, 54 lb uplift at joint 2 and 68 lb uplift at joint 5.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949256
L272646	EJ7A	SPECIAL	4	1	Job Reference (optional)

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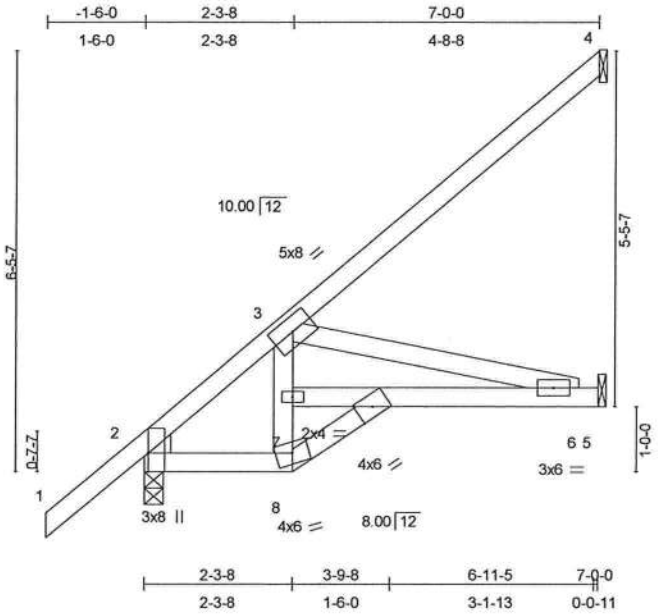

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	0.03	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.04	6-7	>999	240		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.16	Horz(TL)	-0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 40 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
3-8 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3
WEDGE
Left: 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 9-5-1 oc bracing.

REACTIONS (lb/size) 4=103/Mechanical, 2=317/0-3-8, 5=104/Mechanical
Max Horz 2=243(load case 6)
Max Uplift 4=-87(load case 6), 2=-54(load case 6), 5=-48(load case 6)
Max Grav 4=103(load case 1), 2=317(load case 1), 5=119(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-260/0, 3-4=-117/49
BOT CHORD 2-8=-189/142, 7-8=-6/53, 3-7=0/139, 6-7=-444/365, 5-6=0/0
WEBS 3-6=-375/457

JOINT STRESS INDEX
2 = 0.19, 2 = 0.00, 3 = 0.84, 6 = 0.13, 7 = 0.76, 8 = 0.36 and 9 = 0.00

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949256
L272646	EJ7A	SPECIAL	4	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 4, 54 lb uplift at joint 2 and 48 lb uplift at joint 5.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949257
L272646	EJ7B	MONO HIP	2	1	Job Reference (optional)

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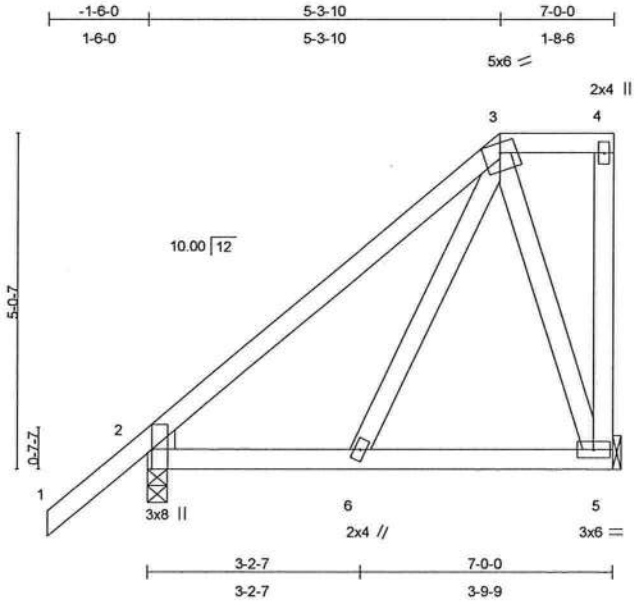

Scale = 1:32.7

Plate Offsets (X,Y): [2:0-3-8,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	0.22	Vert(LL)	0.01	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.01	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.10	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 48 lb	

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

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

REACTIONS (lb/size) 5=204/Mechanical, 2=314/0-3-8
Max Horz 2=201(load case 6)
Max Uplift 5=-85(load case 6), 2=-85(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-226/0, 3-4=-5/0, 4-5=-60/40
BOT CHORD 2-6=-90/96, 5-6=-88/71
WEBS 3-6=-4/131, 3-5=-226/296

JOINT STRESS INDEX
2 = 0.31, 2 = 0.00, 3 = 0.36, 4 = 0.09, 5 = 0.21 and 6 = 0.09

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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.

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March 31,2008

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949257
L272646	EJ7B	MONO HIP	2	1	Job Reference (optional)

NOTES

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 85 lb uplift at joint 5 and 85 lb uplift at joint 2.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949258
L272646	EJ7C	MONO HIP	2	1	Job Reference (optional)

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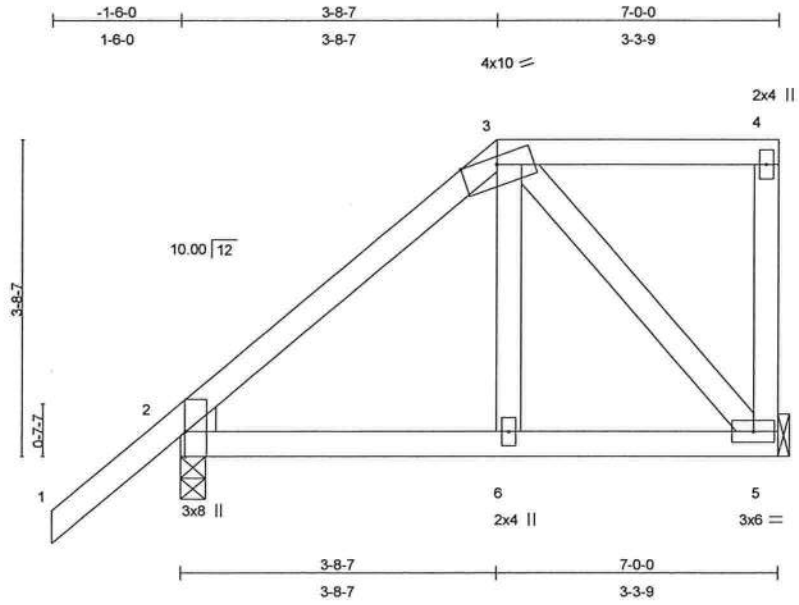

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.00	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.01	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.06	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 42 lb	

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

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

REACTIONS (lb/size) 5=204/Mechanical, 2=314/0-3-8
Max Horz 2=158(load case 6)
Max Uplift 5=-67(load case 5), 2=-104(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-222/56, 3-4=-10/7, 4-5=-75/76
BOT CHORD 2-6=-113/113, 5-6=-112/114
WEBS 3-6=0/112, 3-5=-153/153

JOINT STRESS INDEX
2 = 0.14, 2 = 0.00, 3 = 0.24, 4 = 0.21, 5 = 0.08 and 6 = 0.08

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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.

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March 31,2008

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949258
L272646	EJ7C	MONO HIP	2	1	Job Reference (optional)

NOTES

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 67 lb uplift at joint 5 and 104 lb uplift at joint 2.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949259
L272646	EJ7D	GABLE	2	1	Job Reference (optional)

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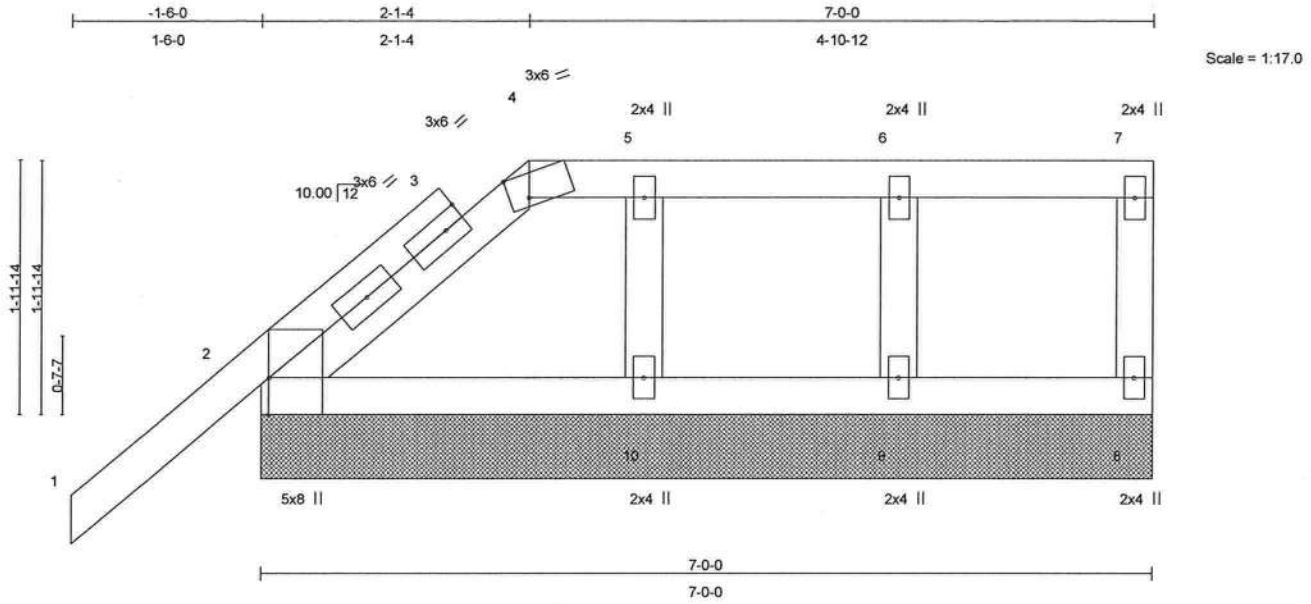

Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-1-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.01	1	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.00	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 34 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=303/7-0-0, 8=92/7-0-0, 9=176/7-0-0, 10=225/7-0-0
Max Horz 2=141(load case 6)
Max Uplift 2=-169(load case 6), 8=-40(load case 5), 9=-118(load case 4), 10=-95(load case 5)
Max Grav 2=303(load case 1), 8=92(load case 1), 9=184(load case 11), 10=225(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-15/71, 2-3=-110/20, 3-4=-21/16, 4-5=-17/14, 5-6=-17/14, 6-7=-17/14, 7-8=-77/75
BOT CHORD 2-10=-14/17, 9-10=-14/17, 8-9=-14/17
WEBS 6-9=-172/167, 5-10=-197/190

JOINT STRESS INDEX
2 = 0.34, 3 = 0.00, 3 = 0.22, 3 = 0.23, 4 = 0.12, 5 = 0.11, 6 = 0.09, 7 = 0.19, 8 = 0.11, 9 = 0.09 and 10 = 0.11

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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	CHAD & MINDI CADY RES. J1949259
L272646	EJ7D	GABLE	2	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Provide adequate drainage to prevent water ponding.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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 169 lb uplift at joint 2, 40 lb uplift at joint 8, 118 lb uplift at joint 9 and 95 lb uplift at joint 10.
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: 1-4=-87(F=-33), 4-7=-87(F=-33), 2-8=-10

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949260
L272646	HJ11	MONO TRUSS	1	1	Job Reference (optional)

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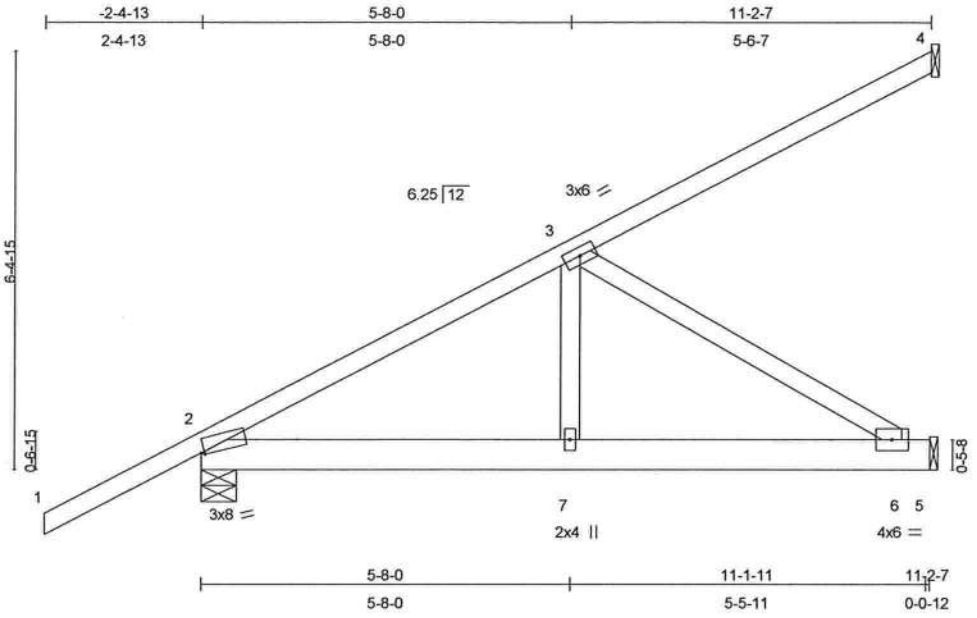

Plate Offsets (X,Y): [2:0-0-10,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.64	Vert(LL)	0.02	6-7	>999	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	NO	WB	0.36	Horz(TL)	-0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 62 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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=294/Mechanical, 2=497/0-6-9, 5=338/Mechanical
Max Horz 2=479(load case 5)
Max Uplift 4=-324(load case 5), 2=-182(load case 5), 5=-193(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/53, 2-3=-571/0, 3-4=-194/99
BOT CHORD	2-7=-378/481, 6-7=-378/481, 5-6=0/0
WEBS	3-7=0/225, 3-6=-564/443

JOINT STRESS INDEX
2 = 0.89, 3 = 0.22, 6 = 0.16 and 7 = 0.16

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) *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 324 lb uplift at joint 4, 182 lb uplift at joint 2 and 193 lb uplift at joint 5.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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March 31,2008

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949260
L272646	HJ11	MONO TRUSS	1	1	Job Reference (optional)

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54
   Trapezoidal Loads (plf)
   Vert: 2=-4(F=25, B=25)-to-4=-150(F=-48, B=-48), 2=0(F=5, B=5)-to-5=-28(F=-9, B=-9)

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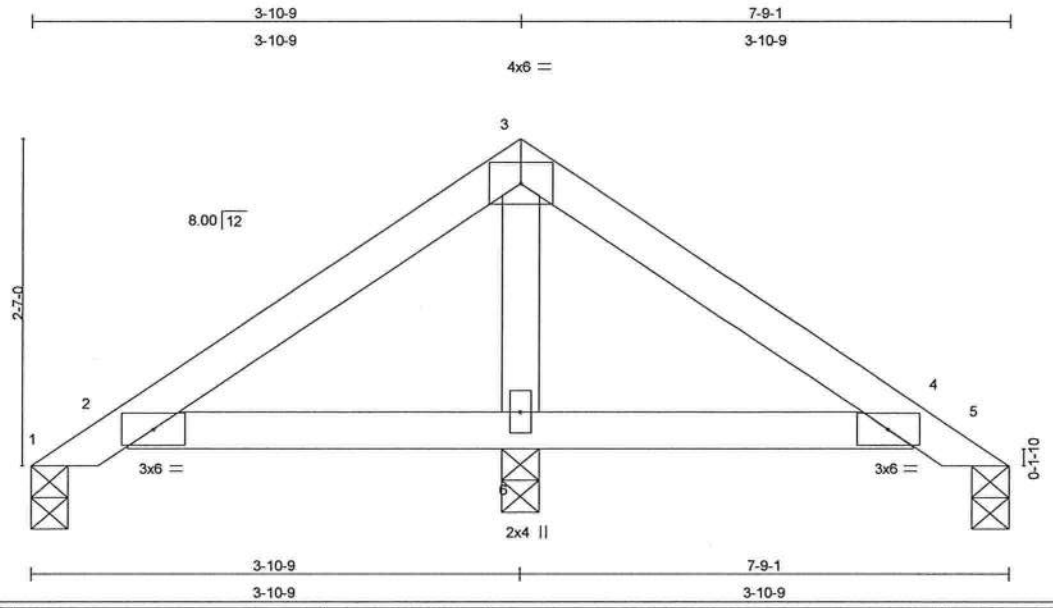
Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949261
L272646	PB01	PIGGYBACK	7	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:14 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	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 26 lb	

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

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

REACTIONS (lb/size) 1=38/0-3-8, 5=38/0-3-8, 6=403/0-3-8
Max Horz 1=69(load case 5)
Max Uplift 1=-11(load case 11), 5=-27(load case 4), 6=-89(load case 6)
Max Grav 1=64(load case 10), 5=64(load case 11), 6=403(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-60/64, 2-3=-74/178, 3-4=-74/178, 4-5=-30/19
BOT CHORD 2-6=-101/121, 4-6=-101/121
WEBS 3-6=-333/219

JOINT STRESS INDEX
2 = 0.27, 3 = 0.26, 4 = 0.27 and 6 = 0.12

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949261
L272646	PB01	PIGGYBACK	7	1	Job Reference (optional)

NOTES

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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 11 lb uplift at joint 1, 27 lb uplift at joint 5 and 89 lb uplift at joint 6.
7) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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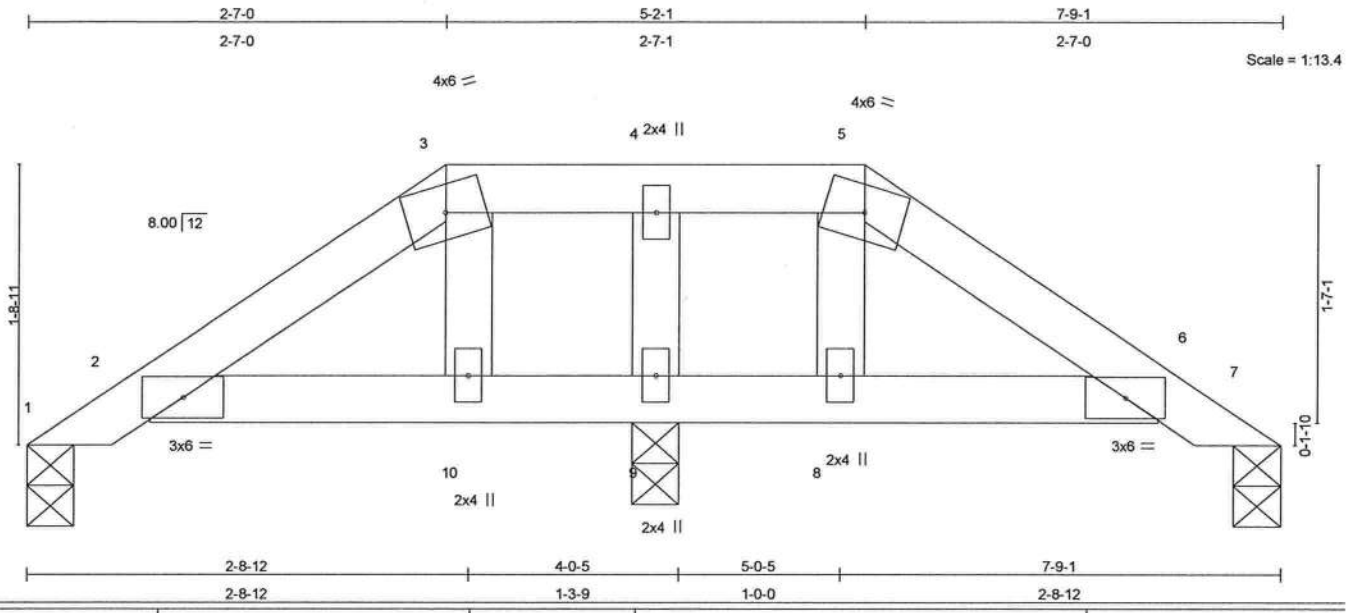
March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949262
L272646	PB02	HIP PIGGYBACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:15 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	0.09	Vert(LL)	-0.01	2-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.12	Vert(TL)	-0.01	2-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 27 lb	

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

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

REACTIONS (lb/size) 1=88/0-3-8, 7=88/0-3-8, 9=304/0-3-8
Max Horz 1=46(load case 5)
Max Uplift 1=-21(load case 6), 7=-27(load case 4), 9=-61(load case 5)
Max Grav 1=97(load case 10), 7=97(load case 11), 9=304(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-47/40, 2-3=-28/35, 3-4=-1/42, 4-5=-1/42, 5-6=-27/26, 6-7=-47/33
BOT CHORD 2-10=-11/35, 9-10=-8/41, 8-9=-8/41, 6-8=-9/35
WEBS 3-10=-51/51, 5-8=-50/51, 4-9=-151/121

JOINT STRESS INDEX
2 = 0.20, 3 = 0.05, 4 = 0.07, 5 = 0.04, 6 = 0.20, 8 = 0.03, 9 = 0.07 and 10 = 0.03

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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

Continued on page 2

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949262
L272646	PB02	HIP PIGGYBACK	1	1	Job Reference (optional)

NOTES

6) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 1, 27 lb uplift at joint 7 and 61 lb uplift at joint 9.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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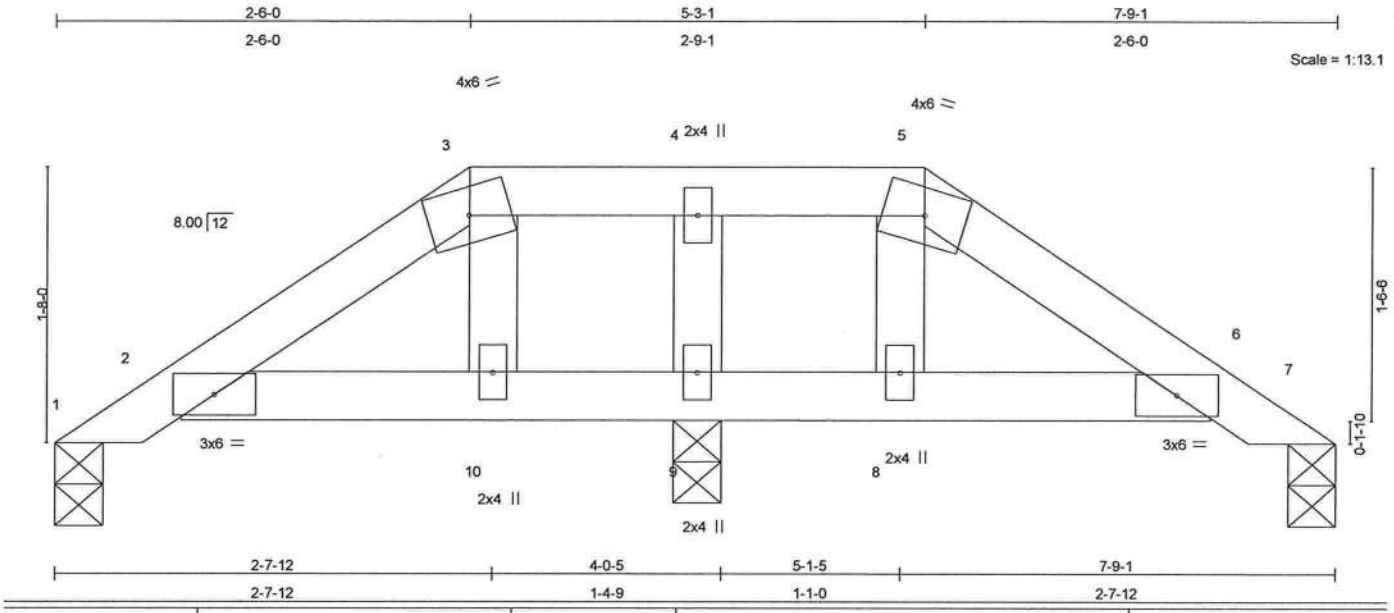
March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949263
L272646	PB03	HIP PIGGYBACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:16 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	0.09	Vert(LL)	-0.01	2-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.12	Vert(TL)	-0.01	2-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 27 lb	

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

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

REACTIONS (lb/size) 1=93/0-3-8, 7=93/0-3-8, 9=294/0-3-8
Max Horz 1=44(load case 5)
Max Uplift 1=-22(load case 6), 7=-28(load case 7), 9=-63(load case 5)
Max Grav 1=100(load case 10), 7=100(load case 11), 9=294(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-49/39, 2-3=-38/34, 3-4=-11/49, 4-5=-11/49, 5-6=-37/30, 6-7=-49/34
BOT CHORD 2-10=-13/26, 9-10=-9/31, 8-9=-9/31, 6-8=-10/26
WEBS 3-10=-44/46, 5-8=-44/46, 4-9=-153/127

JOINT STRESS INDEX
2 = 0.21, 3 = 0.05, 4 = 0.07, 5 = 0.04, 6 = 0.21, 8 = 0.03, 9 = 0.07 and 10 = 0.03

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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

Continued on page 2

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949263
L272646	PB03	HIP PIGGYBACK	1	1	Job Reference (optional)

NOTES

6) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 1, 28 lb uplift at joint 7 and 63 lb uplift at joint 9.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949264
L272646	T01	ATTIC	7	1	Job Reference (optional)

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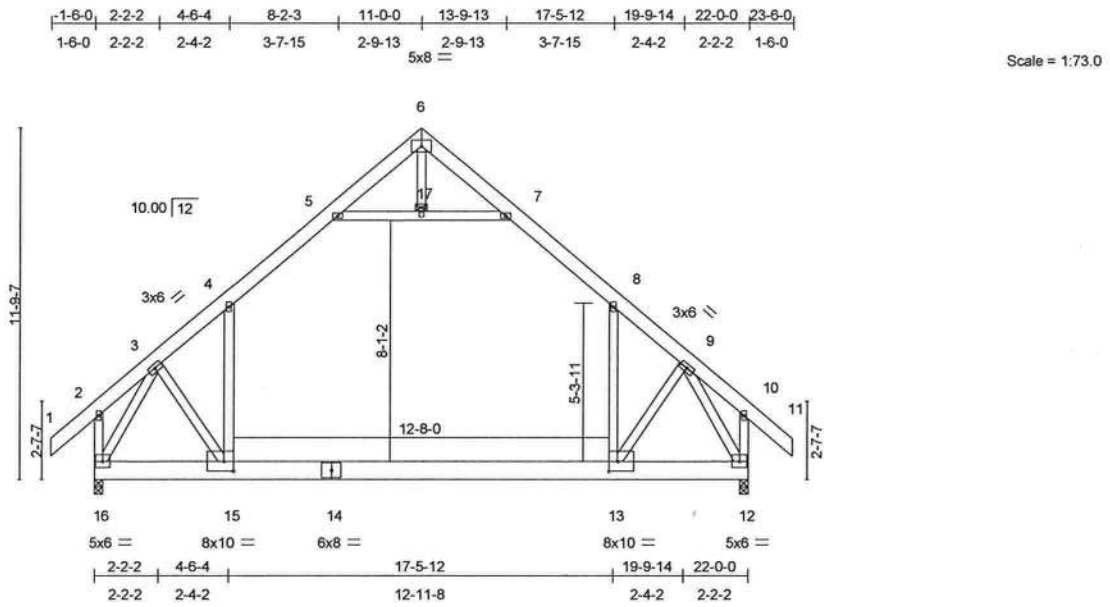

Plate Offsets (X,Y): [13:0-3-8,0-4-0], [15:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	-0.38	13-15	>692	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.61	13-15	>427	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.55	Horz(TL)	0.01	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 201 lb	

LUMBER

TOP CHORD	2 X 6 SYP No.1D
BOT CHORD	2 X 8 SYP No.1D
WEBS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-10-14 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 9-7-6 oc bracing.
WEBS	1 Row at midpt 5-7

REACTIONS (lb/size) 16=1554/0-3-8, 12=1554/0-3-8
Max Horz 16=335(load case 5)
Max Uplift 16=-21(load case 6), 12=-21(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/57, 2-3=-27/223, 3-4=-1636/158, 4-5=-1038/268, 5-6=-30/267, 6-7=-30/267, 7-8=-1038/268, 8-9=-1636/158, 9-10=-27/223, 10-11=0/57, 2-16=-121/294, 10-12=-121/294
BOT CHORD	15-16=-104/851, 14-15=0/1005, 13-14=0/1005, 12-13=0/851
WEBS	5-17=-1292/299, 7-17=-1292/299, 4-15=0/917, 8-13=0/917, 3-15=-78/278, 9-13=-80/278, 6-17=0/71, 3-16=-1855/0, 9-12=-1855/0

JOINT STRESS INDEX

2 = 0.40, 3 = 0.53, 4 = 0.71, 5 = 0.73, 6 = 0.73, 7 = 0.73, 8 = 0.71, 9 = 0.53, 10 = 0.40, 12 = 0.37, 13 = 0.19, 14 = 0.77, 15 = 0.19, 16 = 0.37 and 17 = 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	CHAD & MINDI CADY RES. J1949264
L272646	T01	ATTIC	7	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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 plates are 2x4 MT20 unless otherwise indicated.
5) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-17, 7-17; Wall dead load (5.0psf) on member(s).4-15, 8-13
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-15
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 21 lb uplift at joint 16 and 21 lb uplift at joint 12.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949265
L272646	T01G	GABLE	1	1	Job Reference (optional)

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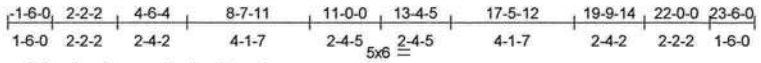
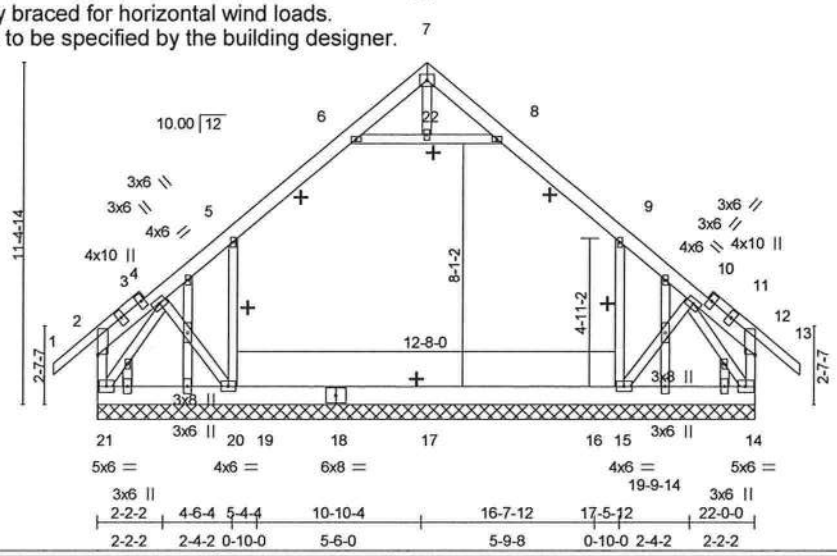


Scale = 1:72.5

+ Member must be laterally braced for horizontal wind loads.
Bracing and connections to be specified by the building designer.



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	16-17	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.01	16-17	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.19	Horz(TL)	0.01	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 211 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D *Except* 1-3 2 X 4 SYP No.2, 11-13 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP No.1D
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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 21=981/0-3-8, 14=981/0-3-8, 17=613/0-3-8, 19=675/0-3-8, 16=675/0-3-8
Max Horz 21=-412(load case 4)
Max Uplift 21=-222(load case 7), 14=-219(load case 6), 19=-246(load case 6), 16=-243(load case 7)
Max Grav 21=981(load case 1), 14=981(load case 1), 17=641(load case 10), 19=754(load case 11), 16=754(load case 12)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-6/75, 2-3=-107/163, 3-4=-24/155, 4-5=-667/190, 5-6=-788/325, 6-7=-294/84, 7-8=-294/84, 8-9=-788/325, 9-10=-667/186, 10-11=-24/155, 11-12=-107/163, 12-13=-6/75, 2-21=-300/279, 12-14=-300/279
BOT CHORD 20-21=-239/376, 19-20=-155/502, 18-19=-155/502, 17-18=-155/502, 16-17=-155/502, 15-16=-155/502, 14-15=-118/376
WEBS 6-22=-331/321, 8-22=-331/321, 5-20=-485/271, 9-15=-485/267, 4-20=-54/211, 10-15=-63/211, 7-22=0/42, 4-21=-732/195, 10-14=-732/206

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JOINT STRESS INDEX
2 = 0.62, 3 = 0.00, 3 = 0.33, 3 = 0.33, 4 = 0.33, 5 = 0.34, 6 = 0.34, 7 = 0.22, 8 = 0.34, 9 = 0.34, 10 = 0.33, 11 = 0.00, 11 = 0.33, 11 = 0.33, 12 = 0.62, 14 = 0.21, 15 = 0.28, 18 = 0.16, 20 = 0.28, 21 = 0.21, 22 = 0.34, 23 = 0.55, 24 = 0.34, 25 = 0.16, 26 = 0.16, 27 = 0.34, 28 = 0.34, 29 = 0.16, 30 = 0.55, 31 = 0.16 and 32 = 0.34

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949265
L272646	T01G	GABLE	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=18ft; 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) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-22, 8-22; Wall dead load (5.0psf) on member(s).5-20, 9-15
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 19-20, 17-19, 16-17, 15-16
9) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 222 lb uplift at joint 21, 219 lb uplift at joint 14, 246 lb uplift at joint 19 and 243 lb uplift at joint 16.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 20-21=-10, 15-20=-110, 14-15=-10, 1-2=-87(F=-33), 2-5=-87(F=-33), 5-6=-97(F=-33), 6-7=-87(F=-33), 7-8=-87(F=-33), 8-9=-97(F=-33), 9-12=-87(F=-33), 12-13=-87(F=-33), 6-8=-10
   Drag: 5-20=-10, 9-15=-10

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Boynton Beach, FL 33435

March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949266
L272646	T02	ATTIC	2	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Mar 31 08:51:37 2008 Page 1

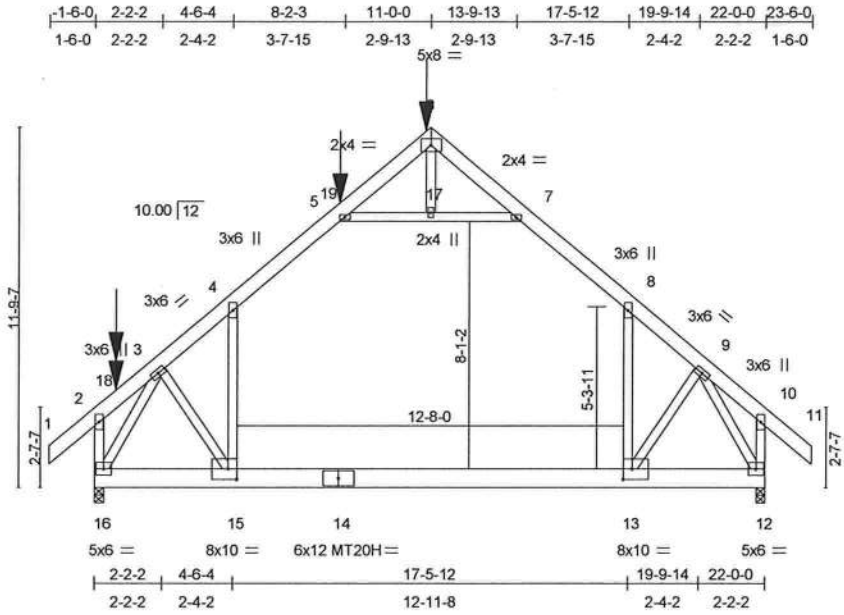

Plate Offsets (X,Y): [13:0-3-8,0-4-0], [15:0-3-8,0-4-0]

LOADING (psf)		SPACING	3-6-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	1.00	Vert(LL)	-0.37	13-15	>711	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.83	Vert(TL)	-0.62	13-15	>420	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.43	Horz(TL)	0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 402 lb	

LUMBER

TOP CHORD	2 X 6 SYP No.1D
BOT CHORD	2 X 8 SYP No.1D
WEBS	2 X 4 SYP No.3

BRACING

TOP CHORD	2-0-0 oc purlins (3-1-0 max.), except end verticals (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 6, 2, 10

REACTIONS (lb/size) 16=5087/0-3-8, 12=3319/0-3-8
Max Horz 16=-587(load case 3)
Max Uplift 16=-338(load case 5), 12=-137(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/100, 2-18=-514/331, 3-18=-17/291, 3-4=-4076/153, 4-5=-2797/316, 5-19=-173/417, 6-19=-45/482, 6-7=-257/381, 7-8=-2602/319, 8-9=-3703/129, 9-10=-52/285, 10-11=0/100, 2-16=-711/441, 10-12=-245/374
BOT CHORD	15-16=-296/2258, 14-15=-66/2445, 13-14=-66/2445, 12-13=0/1908
WEBS	5-17=-2751/184, 7-17=-2751/184, 4-15=0/1775, 8-13=0/1739, 3-15=-135/416, 9-13=-219/970, 6-17=0/135, 3-16=-4515/12, 9-12=-4210/0

JOINT STRESS INDEX

2 = 0.34, 3 = 0.66, 4 = 0.32, 5 = 0.80, 6 = 0.78, 7 = 0.80, 8 = 0.32, 9 = 0.66, 10 = 0.34, 12 = 0.49, 13 = 0.20, 14 = 0.62, 15 = 0.20, 16 = 0.49 and 17 = 0.34

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc, 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

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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=18ft; 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 plates are MT20 plates unless otherwise indicated.
7) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-17, 7-17; Wall dead load (5.0psf) on member(s).4-15, 8-13
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-15
9) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 338 lb uplift at joint 16 and 137 lb uplift at joint 12.

Loading has been calculated by the truss manufacturer. It is the responsibility of the Architect/Engineer of Record to verify and approve the loading.

LOAD CASE(S) Standard Except:

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 15-16=-193(F=-175), 13-15=-193, 12-13=-17, 1-2=-95, 2-18=-95, 6-19=-95, 6-7=-95, 7-8=-112, 8-10=-95, 10-11=-94, 5-7=-17
   Drag: 4-15=-17, 8-13=-17
   Concentrated Loads (lb)
   Vert: 6=-510(F) 18=-458 19=-135(F)
   Trapezoidal Loads (plf)
   Vert: 18=-287-to-4=-244, 4=-261-to-5=-223, 5=-205-to-19=-202
9) Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 15-16=-193(F=-175), 13-15=-193, 12-13=-17, 1-2=-24, 2-18=-24, 6-19=-24, 6-7=-24, 7-8=-42, 8-10=-24, 10-11=-24, 5-7=-17
   Drag: 4-15=-17, 8-13=-17
   Concentrated Loads (lb)
   Vert: 6=-124(F) 18=-303 19=-33(F)
   Trapezoidal Loads (plf)
   Vert: 18=-150-to-4=-107, 4=-124-to-5=-86, 5=-68-to-19=-65
10) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 15-16=-193(F=-175), 13-15=-193, 12-13=-17, 1-2=-95, 2-18=-95, 6-19=-95, 6-7=-24, 7-8=-42, 8-10=-24, 10-11=-24, 5-7=-17
   Drag: 4-15=-17, 8-13=-17
   Concentrated Loads (lb)
   Vert: 6=-331(F) 18=-458 19=-88(F)
   Trapezoidal Loads (plf)
   Vert: 18=-287-to-4=-244, 4=-261-to-5=-223, 5=-205-to-19=-202
11) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 15-16=-193(F=-175), 13-15=-193, 12-13=-17, 1-2=-24, 2-18=-24, 6-19=-24, 6-7=-95, 7-8=-112, 8-10=-95, 10-11=-94, 5-7=-17
   Drag: 4-15=-17, 8-13=-17
   Concentrated Loads (lb)
   Vert: 6=-331(F) 18=-458 19=-88(F)
   Trapezoidal Loads (plf)
   Vert: 18=-217-to-4=-174, 4=-191-to-5=-153, 5=-135-to-19=-131

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949267
L272646	T03	ROOF TRUSS	4	1	Job Reference (optional)

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Warning: This truss has not been designed to support any additional load from conventional framing.

Scale = 1:50.4

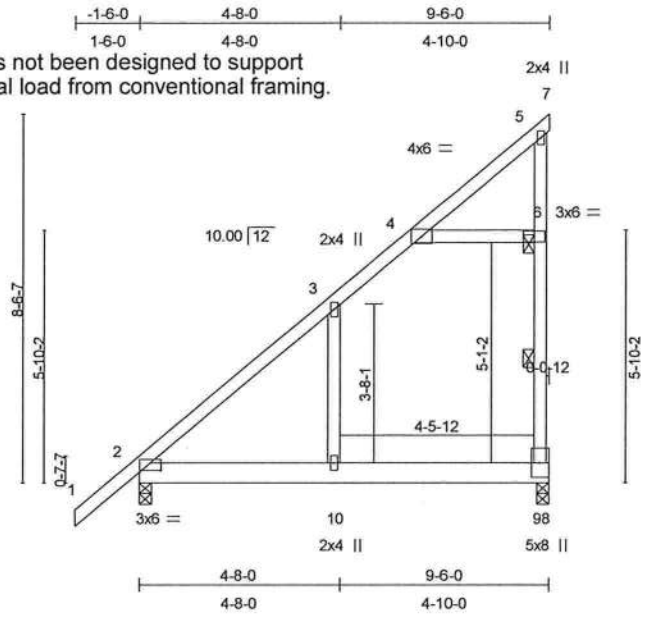

Plate Offsets (X,Y): [2:0-6-1,0-0-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	1.00	Vert(LL)	-0.15	10	>745	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.55	Vert(TL)	-0.24	10	>453	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.06	Horz(TL)	0.00	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 65 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 6 SYP No.1D
WEBS	2 X 4 SYP No.2 *Except* 3-10 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	2 Rows at 1/3 pts 5-9

REACTIONS (lb/size) 9=660/0-3-8, 2=514/0-3-8
Max Horz 2=312(load case 6)
Max Uplift 9=-190(load case 6), 2=-45(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/48, 2-3=-284/0, 3-4=-149/0, 4-5=-106/110, 5-7=0/0, 6-9=-177/184, 5-6=-104/115, 4-6=-195/92
BOT CHORD	2-10=-71/126, 9-10=-71/126, 8-9=0/0
WEBS	3-10=-33/252

JOINT STRESS INDEX

2 = 0.56, 3 = 0.13, 4 = 0.25, 5 = 0.57, 6 = 0.72, 9 = 0.72 and 10 = 0.14

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949267
L272646	T03	ROOF TRUSS	4	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 190 lb uplift at joint 9 and 45 lb uplift at joint 2.
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 Except:

1) Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-5=-54, 2-10=-10, 8-10=-110(F=-100)
10) Attic Floor: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
   Uniform Loads (plf)
   Vert: 1-4=-14, 4-5=-14, 2-10=-10, 8-10=-110(F=-100)

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949268
L272646	T04	COMMON	3	1	Job Reference (optional)

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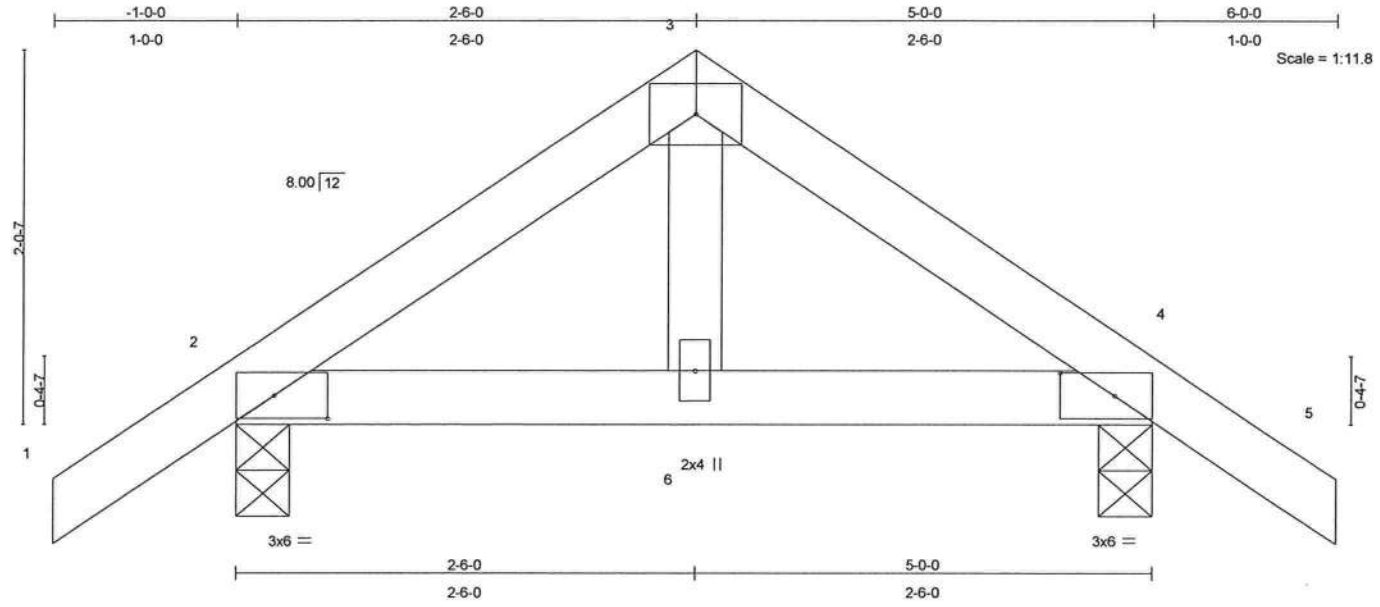

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [4:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.08	Vert(LL)	-0.00	6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 23 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.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=213/0-3-8, 4=213/0-3-8
Max Horz 2=47(load case 5)
Max Uplift 2=-86(load case 6), 4=-86(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/29, 2-3=-151/48, 3-4=-151/48, 4-5=0/29
BOT CHORD 2-6=0/85, 4-6=0/85
WEBS 3-6=0/85

JOINT STRESS INDEX
2 = 0.12, 3 = 0.04, 4 = 0.12 and 6 = 0.06

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949268
L272646	T04	COMMON	3	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 2 and 86 lb uplift at joint 4.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949269
L272646	T04G	COMMON	1	1	Job Reference (optional)

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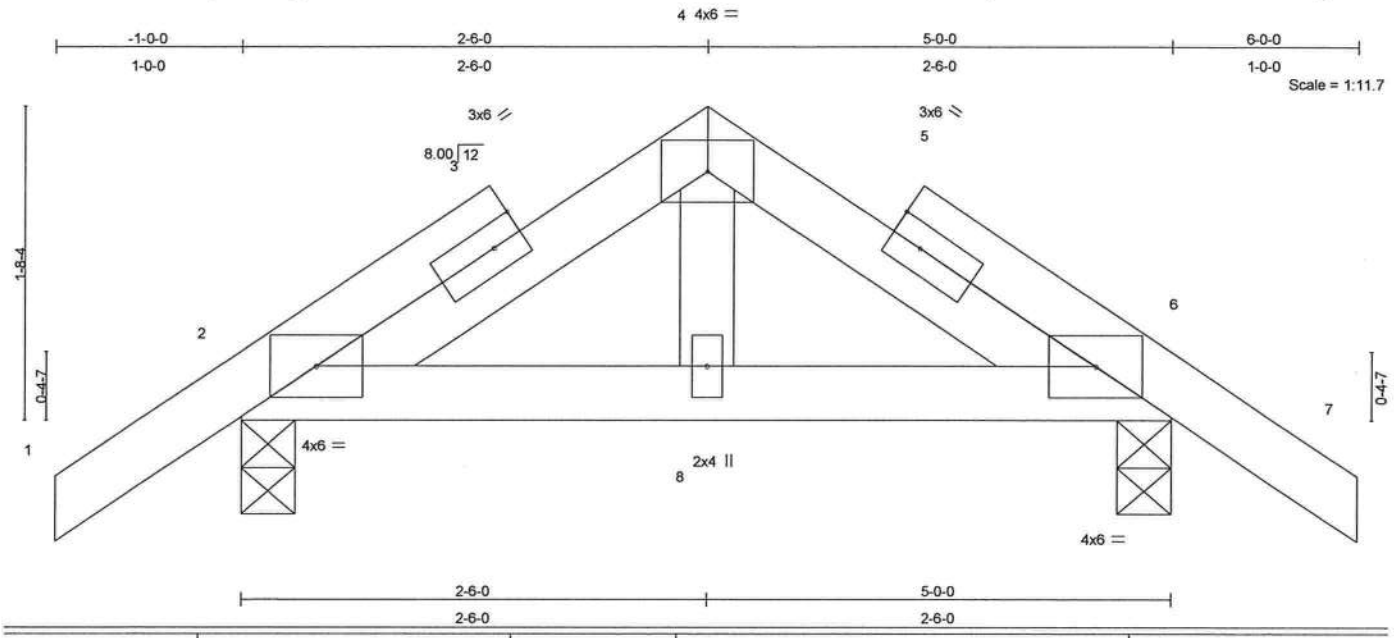

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.10	Vert(LL)	-0.00	8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	8	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.03	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 25 lb	

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

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) 2=248/0-3-8, 6=248/0-3-8
Max Horz 2=-51(load case 4)
Max Uplift 2=-145(load case 6), 6=-145(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-182/51, 3-4=-140/55, 4-5=-140/55, 5-6=-182/51, 6-7=0/35
BOT CHORD 2-8=0/120, 6-8=0/120
WEBS 4-8=0/84

JOINT STRESS INDEX
2 = 0.49, 3 = 0.00, 3 = 0.15, 4 = 0.04, 5 = 0.00, 5 = 0.15, 6 = 0.49 and 8 = 0.06

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) *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	CHAD & MINDI CADY RES. J1949269
L272646	T04G	COMMON	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 145 lb uplift at joint 2 and 145 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).
7) Truss designed for wind loads in plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail".
8) Gable truss supports 1' 0" max. rake gable overhang.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-64(F=-10), 4-7=-64(F=-10), 2-6=-10

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949270
L272646	T05	SPECIAL	1	1	Job Reference (optional)

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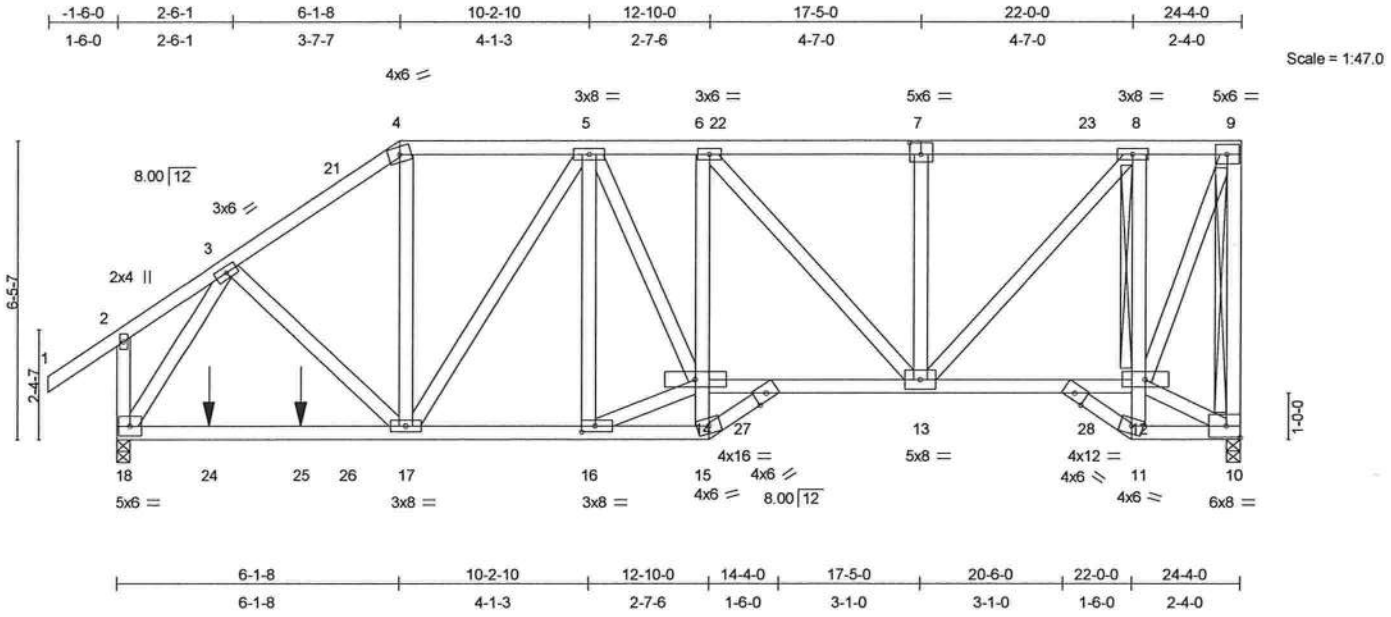

Plate Offsets (X,Y): [7:0-3-0,0-3-0], [16:0-3-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.61	Vert(LL)	-0.11	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.83	Vert(TL)	-0.22	17-18	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.67	Horz(TL)	0.09	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 202 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
6-15 2 X 4 SYP No.3, 8-11 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except*
2-18 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-13 oc bracing.
Except:
T-Brace: 2 X 4 SYP No.3 - 8-12
WEBS T-Brace: 2 X 4 SYP No.3 - 9-10
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) 10=1695/0-3-8, 18=1808/0-3-8
Max Horz 18=837(load case 5)
Max Uplift 10=-902(load case 3), 18=-567(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/49, 2-3=-267/159, 3-21=-1619/590, 4-21=-1522/603, 4-5=-1335/544, 5-6=-2000/869, 6-22=-1652/773, 7-22=-1652/773, 7-23=-1652/773, 8-23=-1652/773, 8-9=-624/333, 9-10=-1592/820, 2-18=-323/197
BOT CHORD 18-24=-1026/919, 24-25=-1026/919, 25-26=-1026/919, 17-26=-1026/919, 16-17=-1238/1634, 15-16=-60/135, 14-15=-42/108, 6-14=-97/135, 14-27=-1297/2026, 13-27=-1298/2026, 13-28=-526/656, 12-28=-525/658, 11-12=-32/57, 8-12=-1386/827, 10-11=-113/49
WEBS 3-17=-259/552, 4-17=-207/568, 5-17=-555/270, 5-16=-497/429, 14-16=-1283/1628, 5-14=-539/844, 6-13=-553/366, 7-13=-583/416, 8-13=-802/1474, 10-12=-41/123, 9-12=-887/1647, 3-18=-1437/466

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949270
L272646	T05	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.73, 3 = 0.42, 4 = 0.48, 5 = 0.98, 6 = 0.66, 7 = 0.57, 8 = 0.98, 9 = 0.80, 10 = 0.24, 11 = 0.29, 12 = 0.99, 13 = 0.71, 14 = 0.99, 15 = 0.58, 16 = 0.65, 17 = 0.59, 18 = 0.68, 19 = 0.13 and 20 = 0.13

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left 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 902 lb uplift at joint 10 and 567 lb uplift at joint 18.
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: 1-2=-54, 2-21=-54, 4-21=-72(F=-18), 4-22=-72(F=-18), 22-23=-118(F=-64), 9-23=-72(F=-18), 18-26=-10, 15-26=-69(F=-59), 14-27=-69(F=-59), 27-28=-22(F=-12), 12-28=-69(F=-59), 10-11=-69(F=-59)
   Concentrated Loads (lb)
   Vert: 24=-204(F) 25=-204(F)

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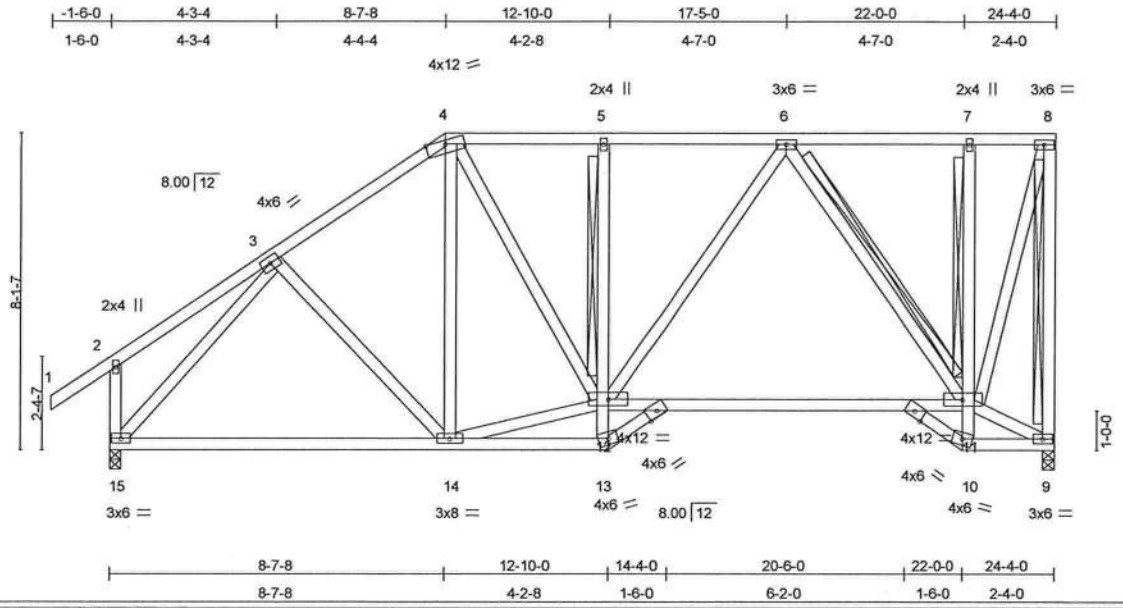
Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949271
L272646	T06	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:24 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	0.60	Vert(LL)	-0.12	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.23	11-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 203 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
5-13 2 X 4 SYP No.3, 7-10 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
T-Brace: 2 X 4 SYP No.3 - 5-12, 7-11
WEBS T-Brace: 2 X 4 SYP No.3 - 8-9, 6-11
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=766/0-3-8, 15=861/0-3-8
Max Horz 15=288(load case 6)
Max Uplift 9=-228(load case 5), 15=-181(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-133/179, 3-4=-728/393, 4-5=-686/432, 5-6=-692/434, 6-7=-230/124, 7-8=-219/121, 8-9=-762/423, 2-15=-229/262
BOT CHORD 14-15=-473/528, 13-14=-178/0, 12-13=-0/15, 5-12=-223/155, 11-12=-347/554, 10-11=-2/14, 7-11=-187/140, 9-10=-169/0
WEBS 3-14=-73/129, 4-14=-102/107, 12-14=-329/598, 4-12=-144/266, 6-12=-153/242, 6-11=-569/390, 9-11=0/193, 8-11=-414/750, 3-15=-764/224

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March 31,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949271
L272646	T06	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.37, 3 = 0.28, 4 = 0.63, 5 = 0.33, 6 = 0.41, 7 = 0.35, 8 = 0.72, 9 = 0.34, 10 = 0.28, 11 = 0.87, 12 = 0.57, 13 = 0.28, 14 = 0.56, 15 = 0.76, 16 = 0.13 and 17 = 0.13

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) 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 228 lb uplift at joint 9 and 181 lb uplift at joint 15.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949272
L272646	T07	SPECIAL	1	1	Job Reference (optional)

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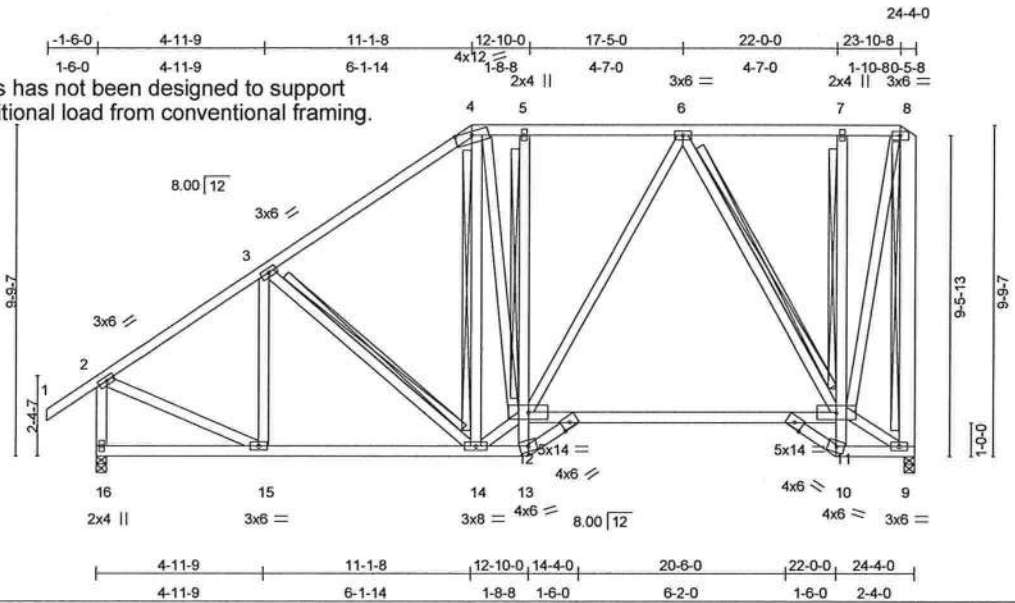
Warning: This truss has not been designed to support any additional load from conventional framing.



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.12	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.23	11-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.03	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 234 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 5-13 2 X 4 SYP No.3, 7-10 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3 *Except* 8-9 2 X 6 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. Except:
T-Brace: 2 X 4 SYP No.3 - 5-12, 7-11
WEBS T-Brace: 2 X 4 SYP No.3 - 3-14, 4-14, 6-11, 8-9
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) 16=859/0-3-8, 9=764/0-3-8
Max Horz 16=341(load case 6)
Max Uplift 16=-179(load case 6), 9=-231(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-751/322, 3-4=-688/339, 4-5=-541/371, 5-6=-548/374, 6-7=-177/101, 7-8=-169/98, 2-16=-834/388, 8-9=-754/439
BOT CHORD 15-16=-416/24, 14-15=-513/571, 13-14=-207/0, 12-13=-79/0, 5-12=-149/124, 11-12=-294/441, 10-11=-19/16, 7-11=-172/127, 9-10=-189/0
WEBS 3-15=-195/78, 3-14=-99/201, 4-14=-232/116, 12-14=-343/669, 4-12=-147/350, 6-12=-164/222, 6-11=-543/398, 8-11=-418/718, 2-15=-107/606, 9-11=0/220

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March 31,2008

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949272
L272646	T07	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.41, 3 = 0.41, 4 = 0.79, 5 = 0.33, 6 = 0.44, 7 = 0.33, 8 = 0.49, 9 = 0.34, 10 = 0.28, 11 = 0.82, 12 = 0.74, 13 = 0.28, 14 = 0.63, 15 = 0.34, 16 = 0.39, 17 = 0.13 and 18 = 0.13

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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 179 lb uplift at joint 16 and 231 lb uplift at joint 9.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949273
L272646	T08	SPECIAL	1	1	Job Reference (optional)

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Warning: This truss has not been designed to support any additional load from conventional framing.

Scale = 1:73.4

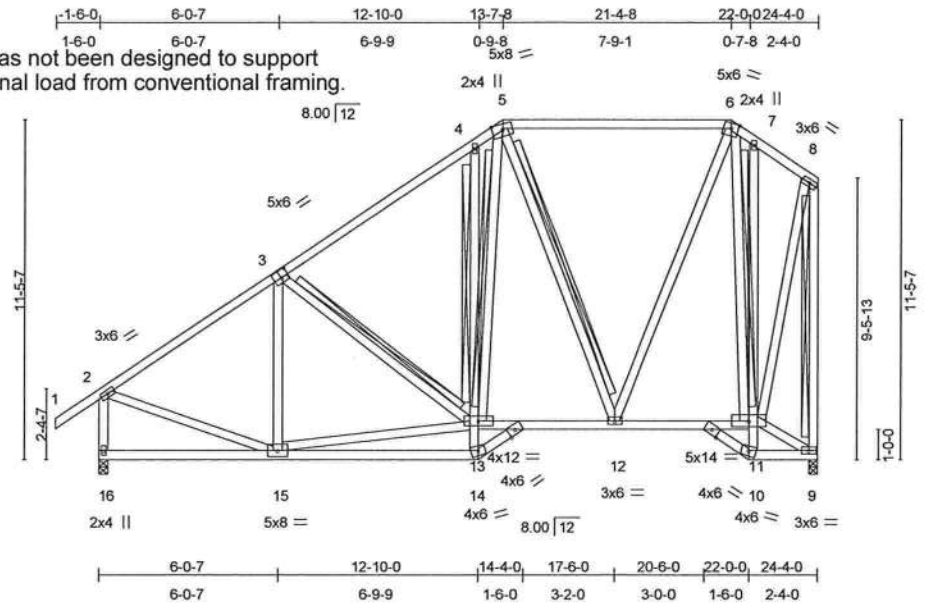

Plate Offsets (X,Y): [3:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.04	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.08	14-15	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.03	9	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*
4-14 2 X 4 SYP No.3, 7-10 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
9-7-15 oc bracing: 15-16
6-0-0 oc bracing: 9-10.
T-Brace: 2 X 4 SYP No.3 - 4-13
WEBS T-Brace: 2 X 4 SYP No.3 - 3-13, 5-13, 5-12, 6-11 , 8-9
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) 16=861/0-3-8, 9=766/0-3-8
Max Horz 16=356(load case 6)
Max Uplift 16=-188(load case 6), 9=-205(load case 5)

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March 31,2008

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949273
L272646	T08	SPECIAL	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/49, 2-3=-791/328, 3-4=-700/374, 4-5=-521/444, 5-6=-350/292, 6-7=-119/111, 7-8=-203/136, 2-16=-830/390, 8-9=-741/441

BOT CHORD 15-16=-426/84, 14-15=-15/87, 13-14=0/99, 4-13=-186/173, 12-13=-306/469, 11-12=-121/208, 10-11=0/26, 7-11=-115/153, 9-10=-23/19

WEBS 3-15=-222/138, 13-15=-481/539, 3-13=-120/193, 5-13=-280/279, 5-12=-340/271, 6-12=-249/405, 6-11=-689/433, 2-15=-68/580, 8-11=-352/621, 9-11=-18/23

JOINT STRESS INDEX

2 = 0.56, 3 = 0.58, 4 = 0.45, 5 = 0.83, 6 = 0.60, 7 = 0.33, 8 = 0.41, 9 = 0.34, 10 = 0.28, 11 = 0.82, 12 = 0.47, 13 = 0.48, 14 = 0.81, 15 = 0.29, 16 = 0.63, 17 = 0.13 and 18 = 0.13

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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 188 lb uplift at joint 16 and 205 lb uplift at joint 9.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949274
L272646	T09	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:28 2008 Page 1

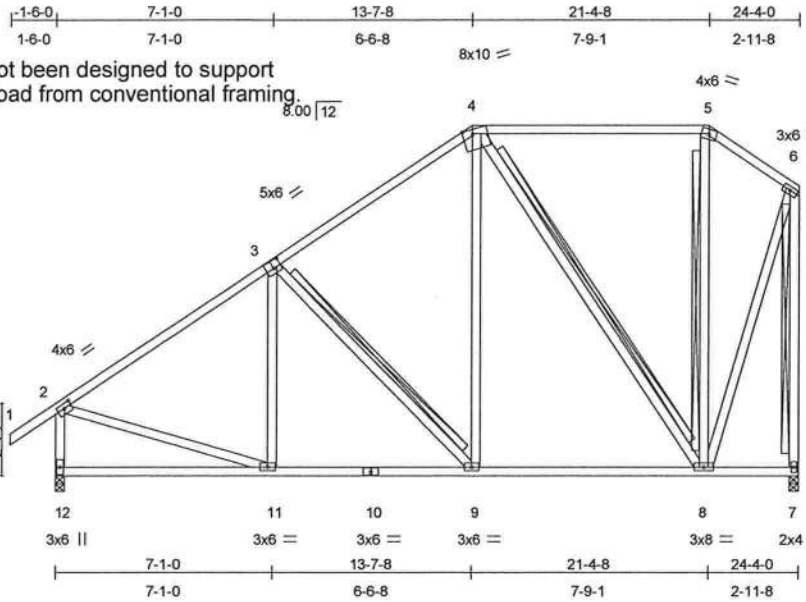

Plate Offsets (X,Y): [2:0-3-0,0-1-12], [3:0-3-0,0-3-0], [4:0-4-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.06	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.12	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.61	Horz(TL)	-0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 196 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-9, 4-8, 5-8, 6-7
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) 12=861/0-3-8, 7=766/0-3-8
Max Horz 12=356(load case 6)
Max Uplift 12=-188(load case 6), 7=-205(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-809/328, 3-4=-611/333, 4-5=-197/192, 5-6=-240/162, 2-12=-823/394, 6-7=-759/447
BOT CHORD 11-12=-454/89, 10-11=-470/586, 9-10=-470/586, 8-9=-279/433, 7-8=-2/2
WEBS 3-11=-94/98, 3-9=-223/273, 4-9=-151/331, 4-8=-428/301, 5-8=-269/169, 2-11=-17/525, 6-8=-364/656

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JOINT STRESS INDEX

2 = 0.63, 3 = 0.61, 4 = 0.73, 5 = 0.65, 6 = 0.50, 7 = 0.33, 8 = 0.81, 9 = 0.36, 10 = 0.23, 11 = 0.34 and 12 = 0.30

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949274
L272646	T09	HIP	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=18ft; 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 188 lb uplift at joint 12 and 205 lb uplift at joint 7.

LOAD CASE(S) Standard

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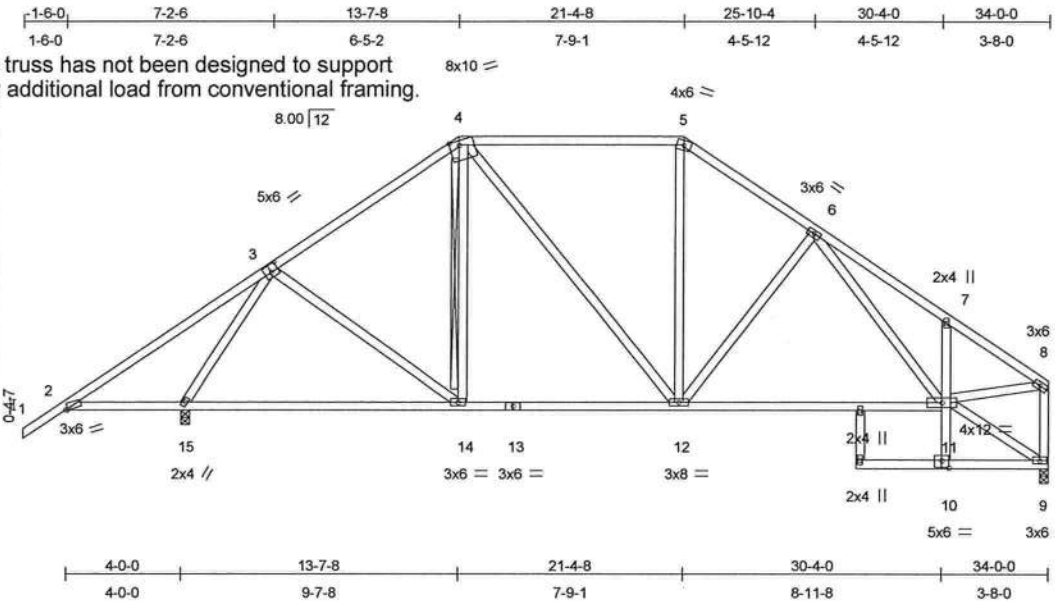
March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949275
L272646	T10	SPECIAL	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:29 2008 Page 1



Warning: This truss has not been designed to support any additional load from conventional framing.

Scale = 1:75.1

Plate Offsets (X,Y): [2:0-0-13,0-0-6], [3:0-3-0,0-3-0], [4:0-4-0,Edge], [10:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.16	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.28	14-15	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.80	Horz(TL)	0.06	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 225 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 7-10 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-7-10 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 6-0-0 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) 15=1325/0-3-8, 9=923/0-3-8
Max Horz 15=271(load case 5)
Max Uplift 15=-425(load case 6), 9=-185(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-483/524, 3-4=-871/459, 4-5=-743/524, 5-6=-940/553, 6-7=-1209/661, 7-8=-1152/510, 8-9=-914/416
BOT CHORD 2-15=-346/549, 14-15=-248/409, 13-14=-190/643, 12-13=-190/643, 11-12=-302/870, 10-11=0/41, 7-11=-249/233, 9-10=-50/0
WEBS 3-14=-148/288, 4-14=-86/140, 4-12=-157/223, 5-12=-67/255, 6-12=-216/235, 6-11=-123/186, 3-15=-1412/937, 8-11=-377/927, 9-11=0/80

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March 31,2008

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949275
L272646	T10	SPECIAL	3	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.88, 3 = 0.75, 4 = 0.73, 5 = 0.70, 6 = 0.41, 7 = 0.37, 8 = 0.46, 9 = 0.34, 10 = 0.23, 11 = 0.73, 12 = 0.56, 13 = 0.23, 14 = 0.34, 15 = 0.66, 16 = 0.33 and 17 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *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 425 lb uplift at joint 15 and 185 lb uplift at joint 9.

LOAD CASE(S) Standard

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March 31,2008

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949276
L272646	T11	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Mar 31 08:31:59 2008 Page 1

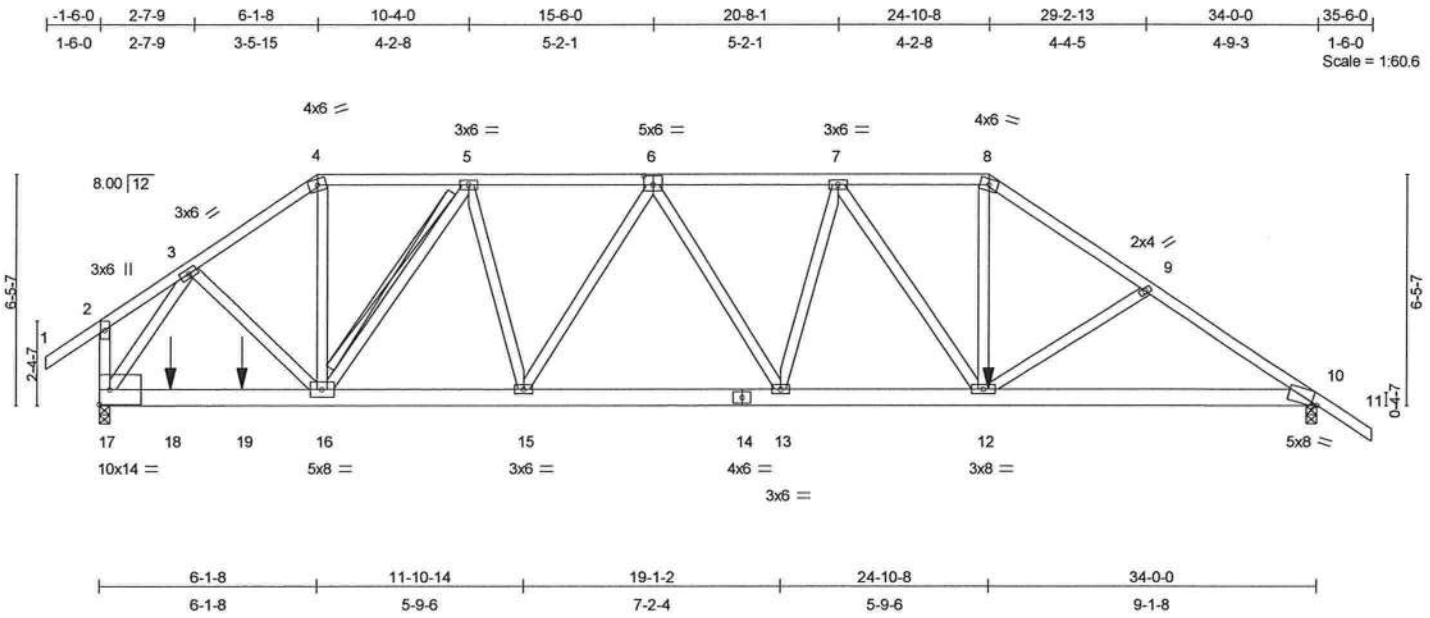

Plate Offsets (X,Y): [6:0-3-0,0-3-0], [10:0-1-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.71	Vert(LL)	0.19	13-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.34	13-15	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.87	Horz(TL)	0.09	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 239 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 3-2-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-8 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-16
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) 17=2466/0-3-8, 10=2245/0-3-8
Max Horz 17=-197(load case 3)
Max Uplift 17=-1008(load case 4), 10=-958(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-218/152, 3-4=-2432/1132, 4-5=-2025/985, 5-6=-3077/1488, 6-7=-3404/1684, 7-8=-2818/1413, 8-9=-3406/1636, 9-10=-3609/1651, 10-11=0/47, 2-17=-299/198
BOT CHORD 17-18=-709/1378, 18-19=-709/1378, 16-19=-709/1378, 15-16=-1372/2843, 14-15=-1606/3357, 13-14=-1606/3357, 12-13=-1536/3300, 10-12=-1292/2924
WEBS 3-16=-453/885, 4-16=-500/1070, 5-16=-1506/826, 5-15=-487/948, 6-15=-572/349, 6-13=-88/117, 7-13=-233/461, 7-12=-938/531, 8-12=-762/1568, 9-12=-173/130, 3-17=-2300/975

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JOINT STRESS INDEX
2 = 0.28, 3 = 0.67, 4 = 0.64, 5 = 0.92, 6 = 0.54, 7 = 0.51, 8 = 0.91, 9 = 0.34, 10 = 0.68, 12 = 0.79, 13 = 0.51, 14 = 0.83, 15 = 0.92, 16 = 0.42 and 17 = 0.38

March 31,2008

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949276
L272646	T11	HIP	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=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
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 1008 lb uplift at joint 17 and 958 lb uplift at joint 10.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54, 2-4=-54, 4-8=-72(F=-18), 8-11=-54, 16-17=-10, 12-16=-69(F=-59), 10-12=-10
   Concentrated Loads (lb)
   Vert: 12=-535(F) 18=-204(F) 19=-204(F)

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949277
L272646	T12	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:31 2008 Page 1

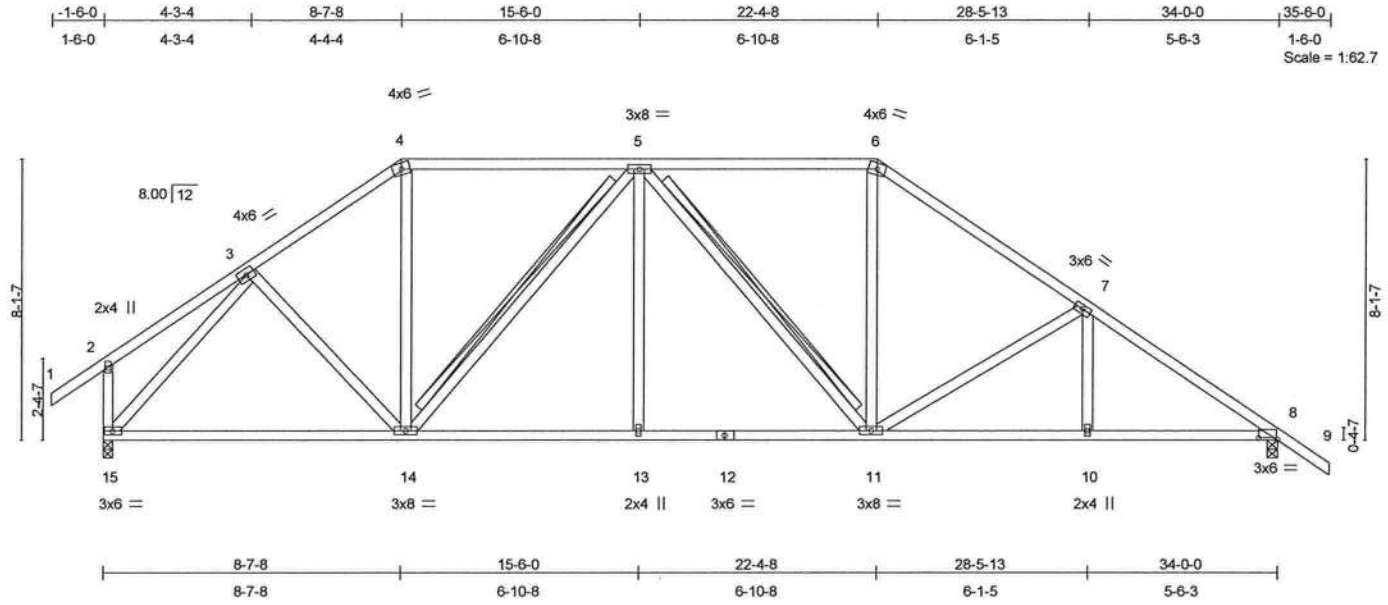

Plate Offsets (X,Y): [8:0-6-7,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.60	Vert(LL)	-0.10	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.19	14-15	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.78	Horz(TL)	0.06	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 213 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-11-14 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-14, 5-11
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) 15=1168/0-3-8, 8=1168/0-3-8
Max Horz 15=-245(load case 4)
Max Uplift 15=-245(load case 6), 8=-273(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-139/188, 3-4=-1130/658, 4-5=-901/613, 5-6=-1069/691, 6-7=-1364/734, 7-8=-1696/787, 8-9=0/44, 2-15=-245/272
BOT CHORD 14-15=-301/778, 13-14=-346/1175, 12-13=-346/1175, 11-12=-346/1175, 10-11=-495/1330, 8-10=-495/1330
WEBS 3-14=-123/242, 4-14=-139/328, 5-14=-482/228, 5-13=0/190, 5-11=-281/198, 6-11=-154/396, 7-11=-315/244, 7-10=0/180, 3-15=-1142/474

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JOINT STRESS INDEX
2 = 0.44, 3 = 0.33, 4 = 0.59, 5 = 0.56, 6 = 0.73, 7 = 0.41, 8 = 0.73, 10 = 0.33, 11 = 0.56, 12 = 0.42, 13 = 0.33, 14 = 0.56 and 15 = 0.76

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949277
L272646	T12	HIP	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=18ft; 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 245 lb uplift at joint 15 and 273 lb uplift at joint 8.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949278
L272646	T13	HIP	1	1	Job Reference (optional)

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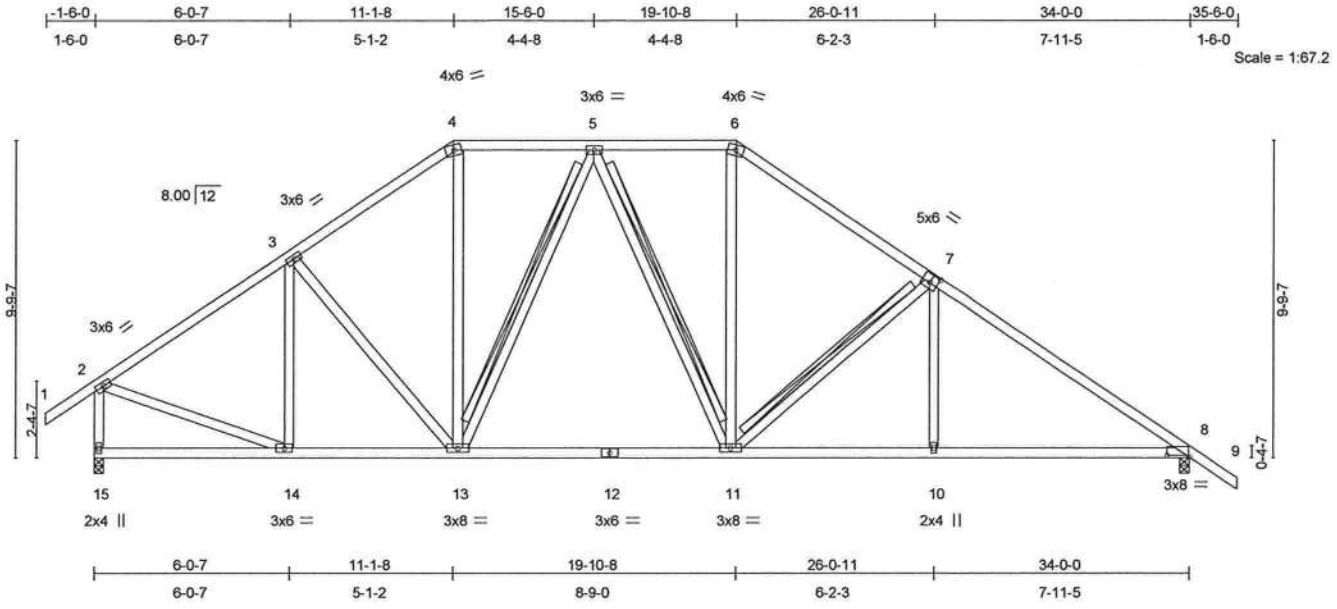

Plate Offsets (X,Y): [7:0-3-0,0-3-0], [8:0-8-3,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.12	11-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.24	11-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.30	Horz(TL)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 223 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-2-13 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-13, 5-11, 7-11
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) 15=1168/0-3-8, 8=1168/0-3-8
Max Horz 15=-291(load case 4)
Max Uplift 15=-261(load case 6), 8=-287(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-1141/589, 3-4=-1103/666, 4-5=-855/617, 5-6=-941/654, 6-7=-1230/704, 7-8=-1636/749, 8-9=0/44, 2-15=-1131/616
BOT CHORD 14-15=-250/300, 13-14=-277/874, 12-13=-191/944, 11-12=-191/944, 10-11=-424/1255, 8-10=-424/1256
WEBS 3-14=-257/129, 3-13=-113/149, 4-13=-181/324, 5-13=-312/198, 5-11=-154/186, 6-11=-190/367, 7-11=-425/329, 7-10=0/223, 2-14=-281/866

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JOINT STRESS INDEX
2 = 0.78, 3 = 0.41, 4 = 0.44, 5 = 0.46, 6 = 0.49, 7 = 0.80, 8 = 0.78, 10 = 0.33, 11 = 0.62, 12 = 0.46, 13 = 0.62, 14 = 0.48 and 15 = 0.84

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949278
L272646	T13	HIP	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=18ft; 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 261 lb uplift at joint 15 and 287 lb uplift at joint 8.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949279
L272646	T14	HIP	1	1	Job Reference (optional)

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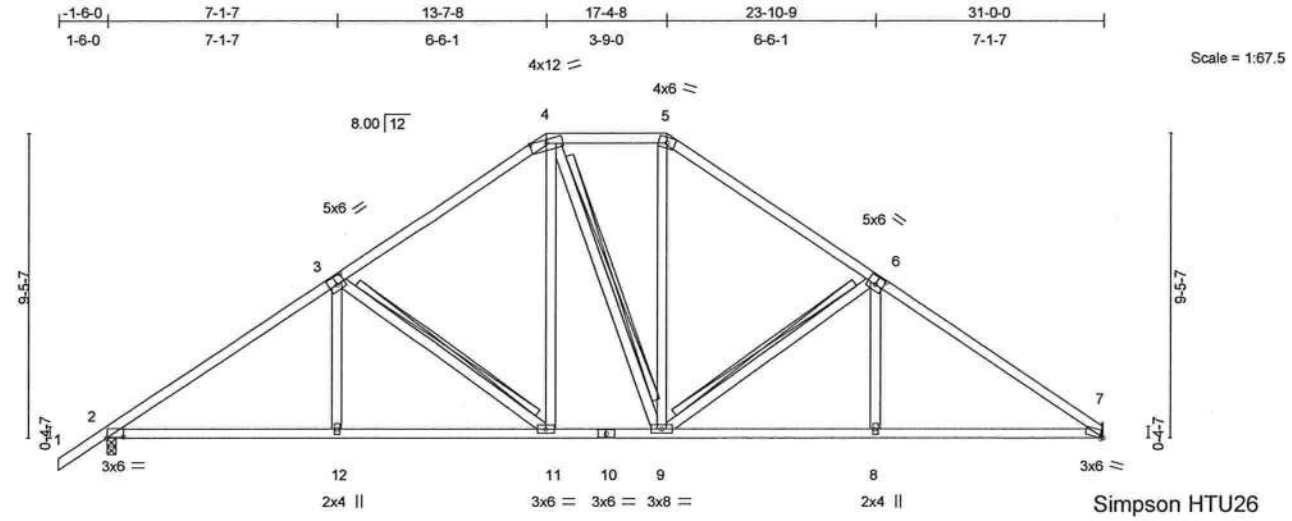

Plate Offsets (X,Y): [2:0-6-3,0-0-6], [3:0-3-0,0-3-0], [6:0-3-0,0-3-0], [7:0-0-12,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	0.10	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.15	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.24	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 181 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 4-8-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-9-10 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-11, 4-9, 6-9
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) 2=1077/0-3-8, 7=983/Mechanical
Max Horz 2=272(load case 5)
Max Uplift 2=-271(load case 6), 7=-199(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-1504/672, 3-4=-1098/611, 4-5=-830/587, 5-6=-1101/614, 6-7=-1524/693
BOT CHORD 2-12=-440/1159, 11-12=-440/1161, 10-11=-187/828, 9-10=-187/828, 8-9=-463/1184, 7-8=-464/1182
WEBS 3-12=0/231, 3-11=-415/312, 4-11=-151/309, 4-9=-154/156, 5-9=-159/313, 6-9=-440/340, 6-8=0/234

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JOINT STRESS INDEX
2 = 0.68, 3 = 0.72, 4 = 0.72, 5 = 0.52, 6 = 0.76, 7 = 0.84, 8 = 0.33, 9 = 0.64, 10 = 0.26, 11 = 0.34 and 12 = 0.33

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949279
L272646	T14	HIP	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=18ft; 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 271 lb uplift at joint 2 and 199 lb uplift at joint 7.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949280
L272646	T15	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:34 2008 Page 1

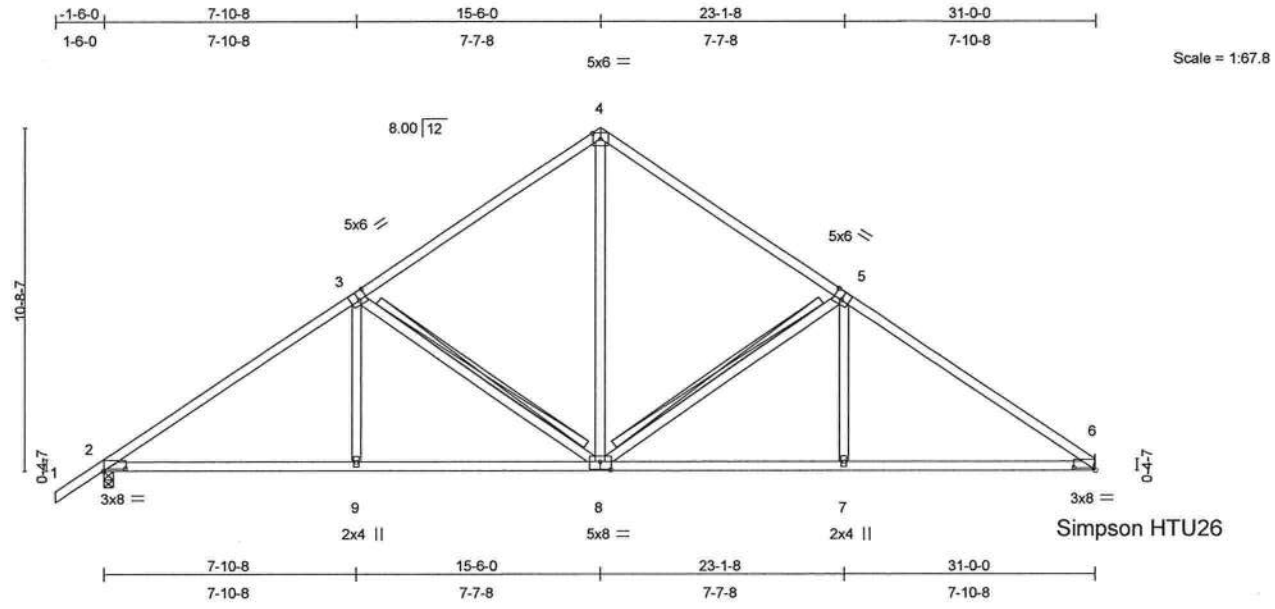

Plate Offsets (X,Y): [2:0-8-3,0-0-14], [3:0-3-0,0-3-4], [5:0-3-0,0-3-4], [6:0-8-3,0-0-14], [8:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	0.14	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.21	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.06	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 161 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-11-2 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-8, 5-8
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) 2=1077/0-3-8, 6=983/Mechanical
Max Horz 2=306(load case 5)
Max Uplift 2=-278(load case 6), 6=-206(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-1484/651, 3-4=-1023/576, 4-5=-1023/577, 5-6=-1500/668
BOT CHORD 2-9=-410/1134, 8-9=-411/1134, 7-8=-430/1153, 6-7=-430/1153
WEBS 3-9=0/253, 3-8=-483/353, 4-8=-360/606, 5-8=-506/376, 5-7=0/256

JOINT STRESS INDEX
2 = 0.72, 3 = 0.76, 4 = 0.67, 5 = 0.76, 6 = 0.72, 7 = 0.33, 8 = 0.38 and 9 = 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	CHAD & MINDI CADY RES. J1949280
L272646	T15	COMMON	3	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 278 lb uplift at joint 2 and 206 lb uplift at joint 6.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949281
L272646	T16	SPECIAL	1	1	Job Reference (optional)

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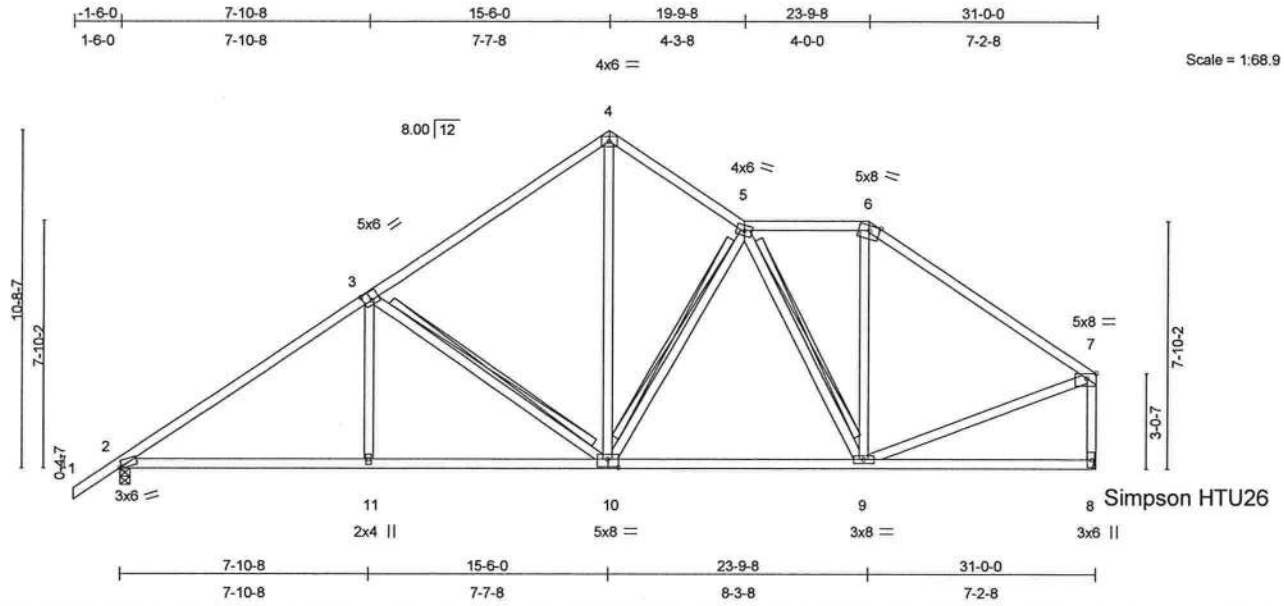

Plate Offsets (X,Y): [2:0-0-12,Edge], [3:0-3-0,0-3-4], [7:0-3-8,Edge], [10:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.70	Vert(LL)	0.10	2-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.19	2-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 190 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 4-8-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-4-7 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-10, 5-10, 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) 2=1074/0-3-8, 8=980/Mechanical
Max Horz 2=302(load case 5)
Max Uplift 2=-275(load case 6), 8=-209(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-1480/647, 3-4=-1019/572, 4-5=-922/588, 5-6=-746/498, 6-7=-999/491, 7-8=-941/473
BOT CHORD 2-11=-531/1132, 10-11=-531/1132, 9-10=-371/915, 8-9=-70/88
WEBS 3-11=0/248, 3-10=-479/359, 4-10=-392/638, 5-10=-375/271, 5-9=-370/172, 6-9=-16/256, 7-9=-239/704

JOINT STRESS INDEX
2 = 0.77, 3 = 0.75, 4 = 0.71, 5 = 0.43, 6 = 0.59, 7 = 0.75, 8 = 0.28, 9 = 0.63, 10 = 0.42 and 11 = 0.33

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949281
L272646	T16	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=18ft; 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 275 lb uplift at joint 2 and 209 lb uplift at joint 8.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949282
L272646	T17	SPECIAL	1	1	Job Reference (optional)

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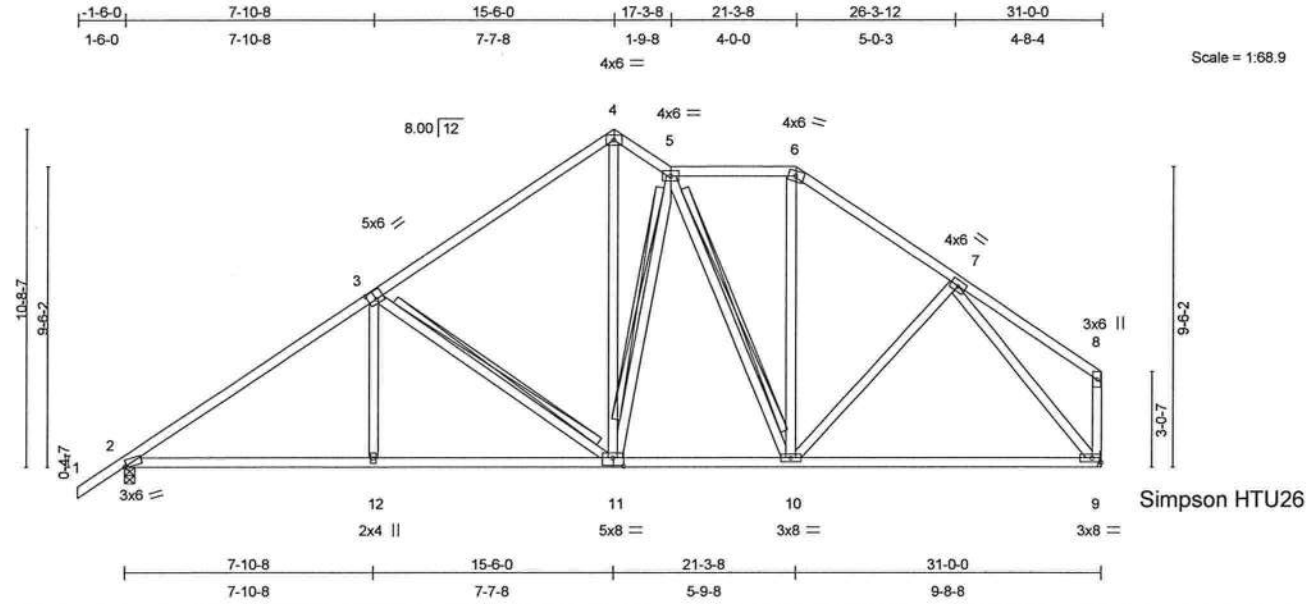

Simpson HTU26

Plate Offsets (X,Y): [2:0-0-12,Edge], [3:0-3-0,0-3-4], [11:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.77	Vert(LL)	-0.17	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.31	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.90	Horz(TL)	0.05	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 206 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 4-8-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-4-7 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-11, 5-11, 5-10
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=1074/0-3-8, 9=980/Mechanical
Max Horz 2=302(load case 5)
Max Uplift 2=-275(load case 6), 9=-209(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-1481/649, 3-4=-1016/576, 4-5=-845/580, 5-6=-724/522, 6-7=-941/549, 7-8=-138/88, 8-9=-154/111
BOT CHORD 2-12=-532/1132, 11-12=-532/1132, 10-11=-281/802, 9-10=-296/653
WEBS 3-12=0/263, 3-11=-477/355, 4-11=-371/608, 5-11=-388/209, 5-10=-220/134, 6-10=-95/251, 7-10=-80/132, 7-9=-977/474

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JOINT STRESS INDEX
2 = 0.78, 3 = 0.75, 4 = 0.74, 5 = 0.43, 6 = 0.50, 7 = 0.30, 8 = 0.23, 9 = 0.64, 10 = 0.62, 11 = 0.42 and 12 = 0.33

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949282
L272646	T17	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=18ft; 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 275 lb uplift at joint 2 and 209 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949283
L272646	T18	HIP	5	1	Job Reference (optional)

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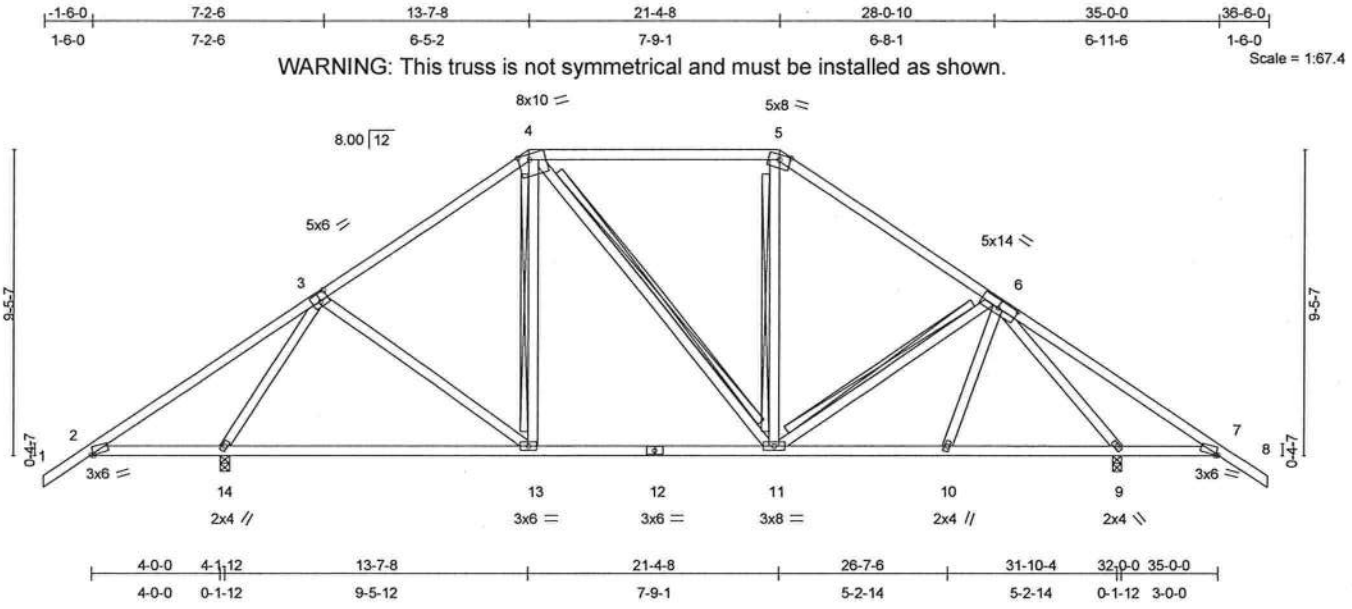

WARNING: This truss is not symmetrical and must be installed as shown.

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.15	13-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.26	13-14	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.81	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 208 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-13, 4-11, 5-11, 6-11
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=1245/0-3-8, 9=1157/0-3-8
Max Horz 14=252(load case 5)
Max Uplift 14=-417(load case 6), 9=-372(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-480/525, 3-4=-771/396, 4-5=-595/438, 5-6=-816/425, 6-7=-404/483, 7-8=0/43
BOT CHORD 2-14=-347/546, 13-14=-227/359, 12-13=-167/559, 11-12=-167/559, 10-11=-9/550, 9-10=-28/536, 7-9=-315/480
WEBS 3-13=-140/246, 4-13=-57/158, 4-11=-149/126, 5-11=-53/175, 6-11=-152/109, 6-10=0/162, 3-14=-1321/875, 6-9=-1343/802

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JOINT STRESS INDEX
2 = 0.88, 3 = 0.76, 4 = 0.74, 5 = 0.79, 6 = 0.21, 7 = 0.82, 9 = 0.74, 10 = 0.33, 11 = 0.56, 12 = 0.26, 13 = 0.34 and 14 = 0.62

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949283
L272646	T18	HIP	5	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=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; cantilever 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 417 lb uplift at joint 14 and 372 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949284
L272646	T19	COMMON	2	1	Job Reference (optional)

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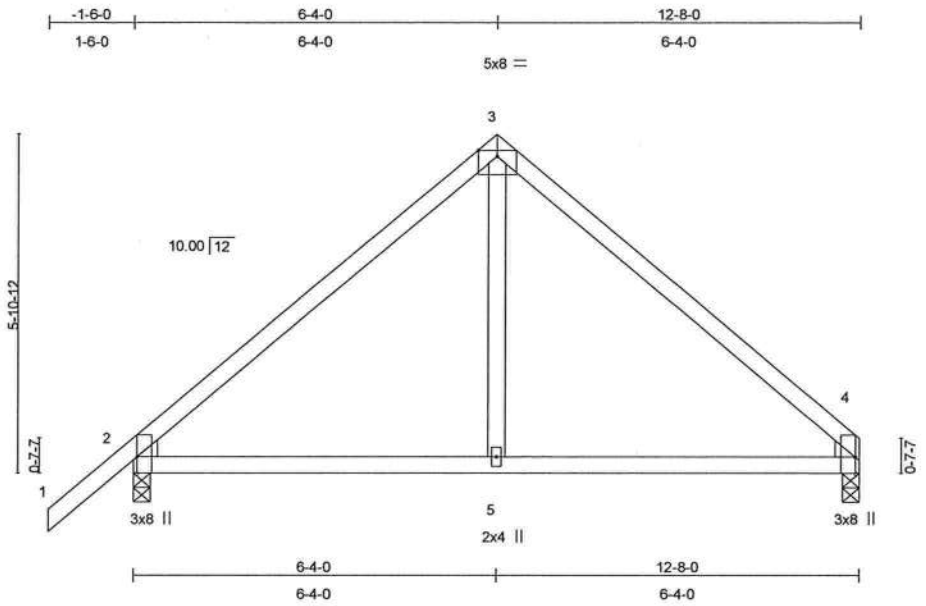

Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	0.05	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.07	4-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 56 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
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) 2=491/0-3-8, 4=390/0-3-8
Max Horz 2=173(load case 5)
Max Uplift 2=-152(load case 6), 4=-75(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-457/211, 3-4=-454/205
BOT CHORD 2-5=-40/264, 4-5=-40/264
WEBS 3-5=-7/220

JOINT STRESS INDEX
2 = 0.65, 2 = 0.00, 3 = 0.72, 4 = 0.65, 4 = 0.00 and 5 = 0.16

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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.

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949284
L272646	T19	COMMON	2	1	Job Reference (optional)

NOTES

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 152 lb uplift at joint 2 and 75 lb uplift at joint 4.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949285
L272646	T19G	GABLE	1	1	Job Reference (optional)

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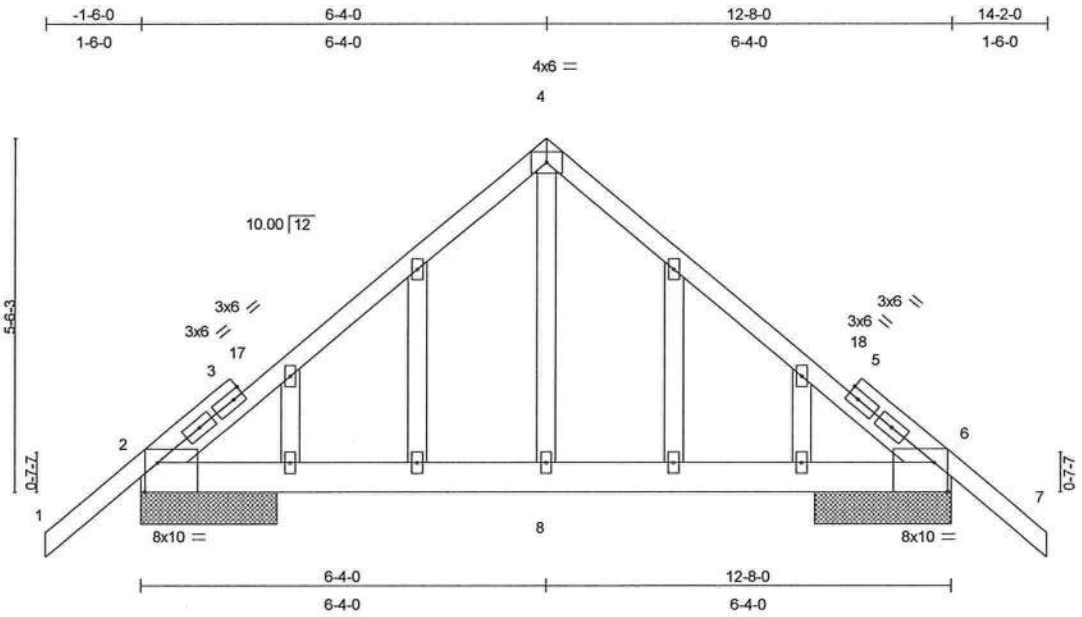

Scale = 1:33.9

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.02	6-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.21	Vert(TL)	-0.03	6-8	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.08	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 86 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
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=859/2-1-8, 6=859/2-1-8
Max Horz 2=182(load case 5)
Max Uplift 2=-450(load case 6), 6=-450(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-7/79, 2-3=-849/361, 3-17=-765/349, 4-17=-633/326, 4-18=-633/326, 5-18=-765/349, 5-6=-849/361, 6-7=-7/79
BOT CHORD	2-8=-134/486, 6-8=-134/486
WEBS	4-8=-52/259

JOINT STRESS INDEX

2 = 0.56, 3 = 0.00, 3 = 0.38, 3 = 0.38, 4 = 0.74, 5 = 0.00, 5 = 0.38, 5 = 0.38, 6 = 0.56, 8 = 0.19, 9 = 0.00, 10 = 0.00, 11 = 0.00, 12 = 0.00 , 13 = 0.00, 14 = 0.00, 15 = 0.00 and 16 = 0.00

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; 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	CHAD & MINDI CADY RES. J1949285
L272646	T19G	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) 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 450 lb uplift at joint 2 and 450 lb uplift at joint 6.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-17=-87(F=-33), 4-17=-114(F=-60), 4-18=-114(F=-60), 7-18=-87(F=-33), 2-6=-10

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES.
L272646	T20	COMMON	1	2	J1949286
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Mar 28 14:17:39 2008 Page 1

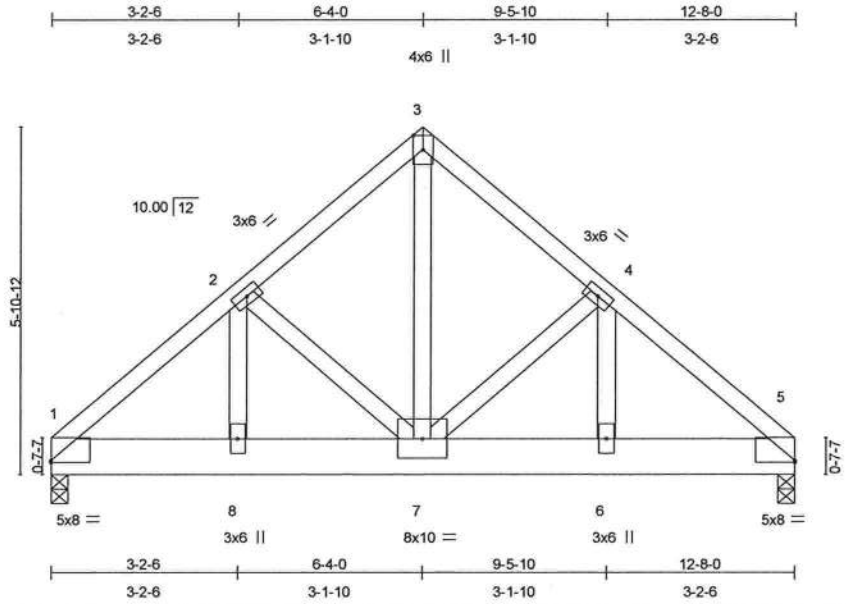

Plate Offsets (X,Y): [1:0-0-0,0-0-7], [5:Edge,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.10	Vert(LL)	-0.03	7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.05	7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.01	5	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 8 SYP No.1D
WEBS 2 X 4 SYP No.2

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

REACTIONS (lb/size) 1=3267/0-3-8, 5=3267/0-3-8
Max Horz 1=150(load case 4)
Max Uplift 1=-924(load case 5), 5=-924(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3680/1044, 2-3=-2578/780, 3-4=-2578/780, 4-5=-3680/1043
BOT CHORD 1-8=-796/2683, 7-8=-796/2683, 6-7=-734/2683, 5-6=-734/2683
WEBS 2-8=-373/1325, 2-7=-984/353, 3-7=-914/3047, 4-7=-984/354, 4-6=-376/1325

JOINT STRESS INDEX
1 = 0.51, 2 = 0.51, 3 = 0.38, 4 = 0.51, 5 = 0.51, 6 = 0.21, 7 = 0.28 and 8 = 0.21

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 0-9-0 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.

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	CHAD & MINDI CADY RES. J1949286
L272646	T20	COMMON	1	2	Job Reference (optional)

NOTES

4) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; 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 924 lb uplift at joint 1 and 924 lb uplift at joint 5.
8) Girder carries tie-in span(s): 31-0-0 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=-474(F=-464)

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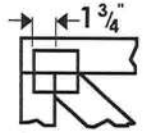
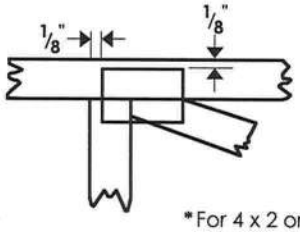
Symbols

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

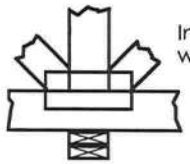
4 x 4

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

LATERAL BRACING

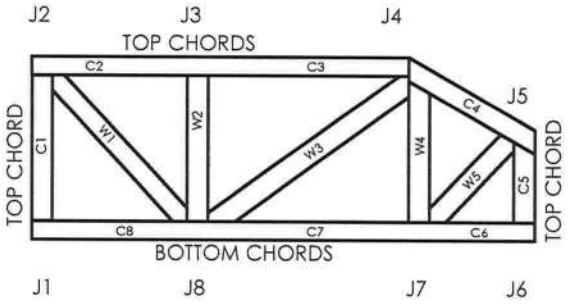
Indicates location of required continuous lateral bracing.

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 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' 5"	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' 6"	11' 6"
	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' 8"	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' 5"	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' 5"	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' 5"	10' 8"	13' 8"	14' 0"	14' 0"	14' 0"
		#3	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 8"	13' 8"	14' 0"	14' 0"
		STUD	4' 2"	6' 11"	6' 11"	8' 9"	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"	9' 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' 5"	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' 5"	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

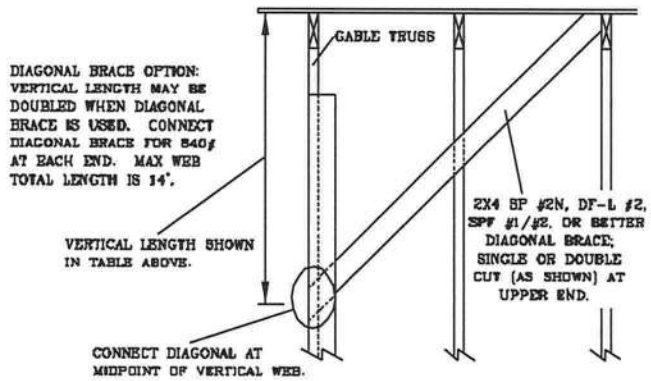
SOUTHERN PINE
#3
STUD
STANDARD

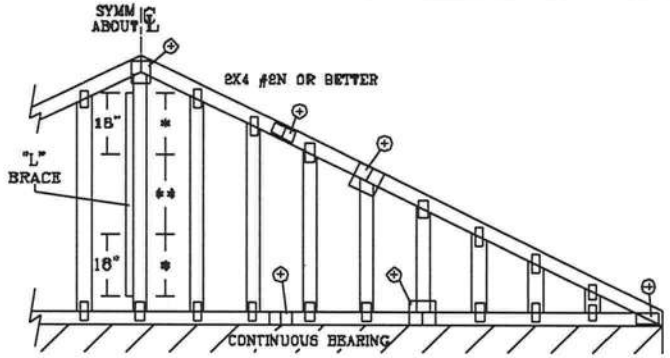
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#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 136 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' 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"	5' 6"	6' 6"	6' 9"	7' 10"	8' 0"	10' 3"	10' 7"	12' 3"	12' 7"
		#3	3' 1"	4' 5"	4' 5"	6' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STUD	3' 1"	4' 5"	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' 8"	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' 5"
		STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 5"
		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"	6' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
		STANDARD	3' 7"	4' 6"	4' 6"	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"	6' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"
		STUD	3' 9"	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' 6"	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:

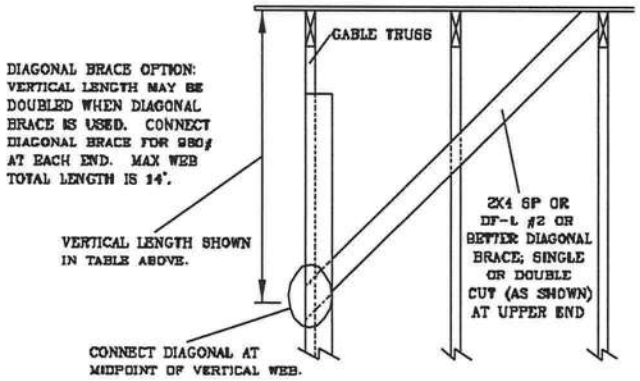
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

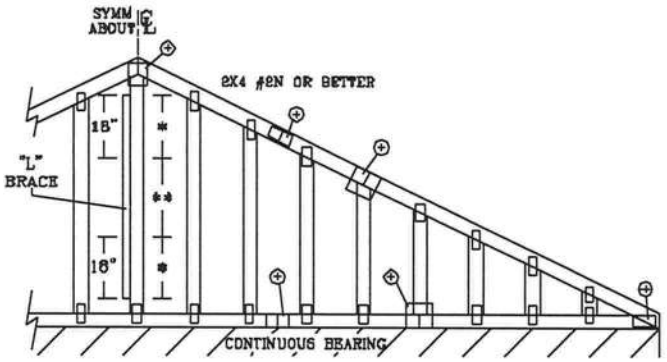
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#3	#1
#2	#2



DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 280# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.



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 (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 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.

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.
1456 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

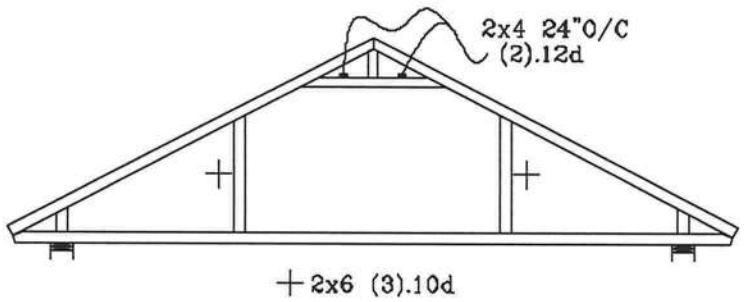
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

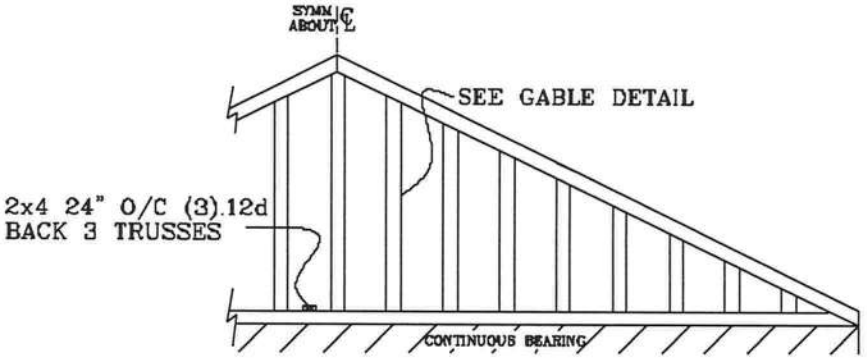
MAX. SPACING 24.0"

REF ASCE7-02-GAB13030
DATE 11/26/03
DWG MITEK STD GABLE 90° E M7
-ENG

TYPICAL ATTIC TRUSS BRACING

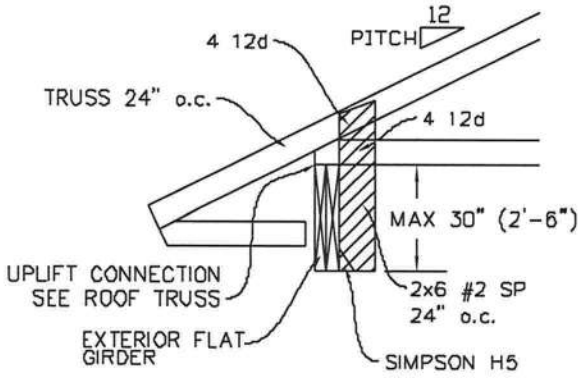


GABLE END TRUSS DETAIL

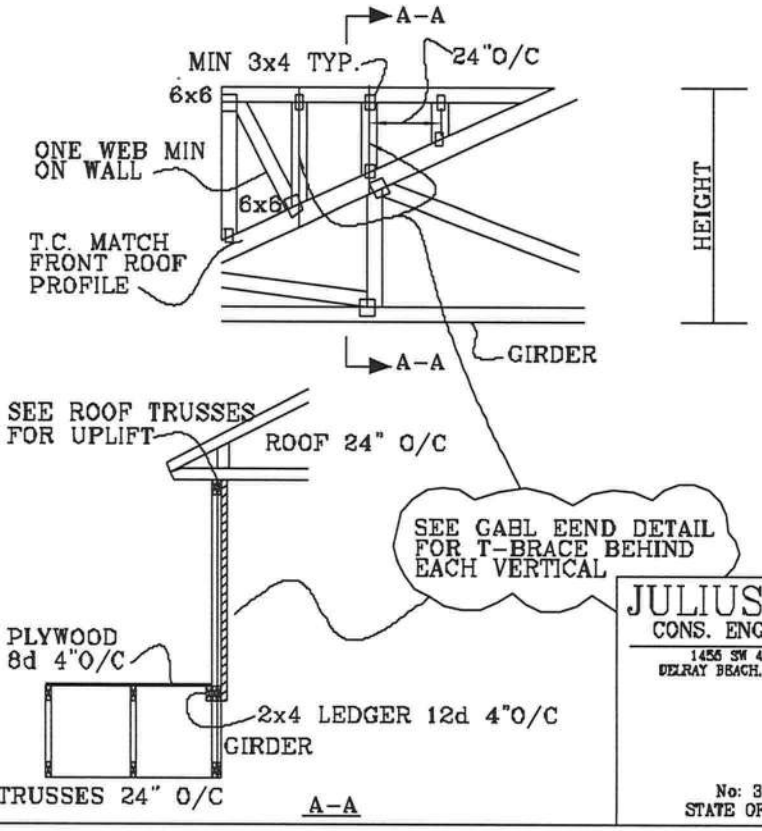


MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



JULIUS LEE'S
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DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

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.

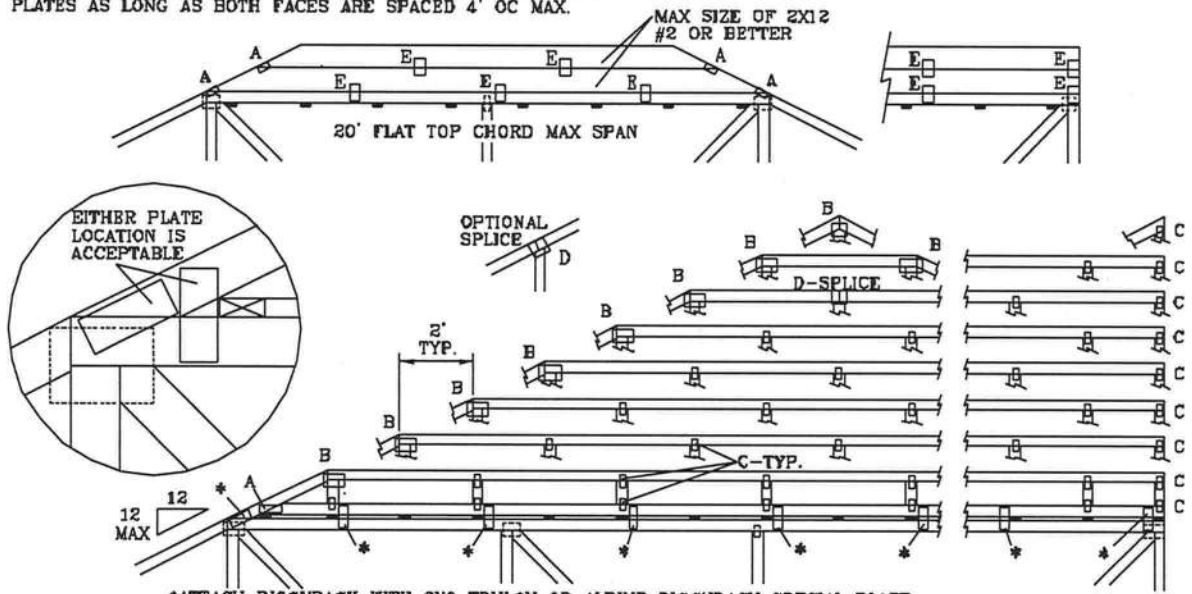
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

- 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.

JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X8	5X8	5X8	5X8
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X8
E	4X8 OR 3X8 TRULOX AT 4' OC, ROTATED VERTICALLY			

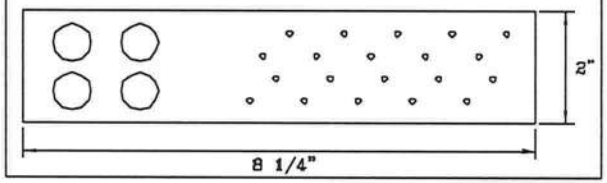
ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.



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

xxWARNINGxx 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.
1450 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

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".

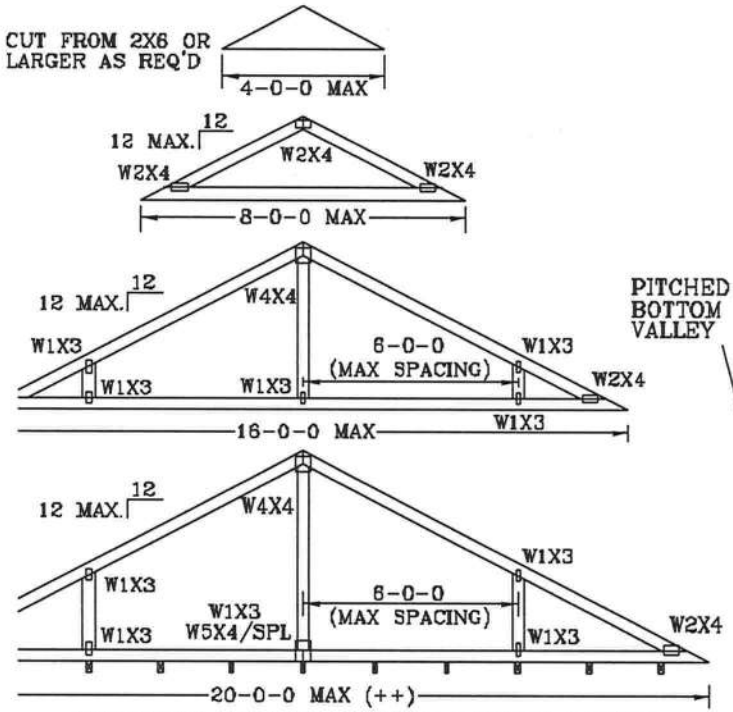
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

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.

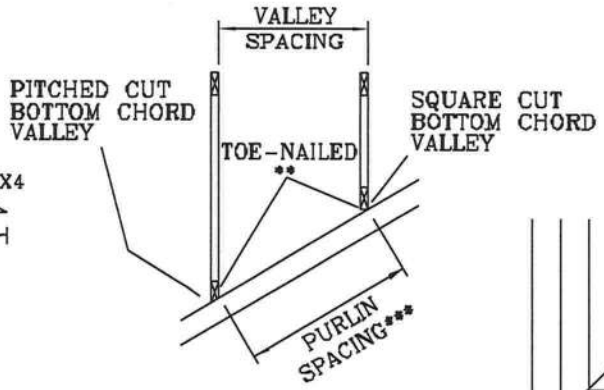
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

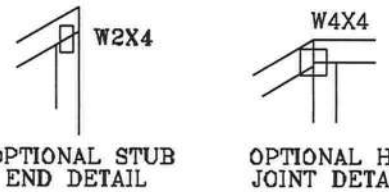
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

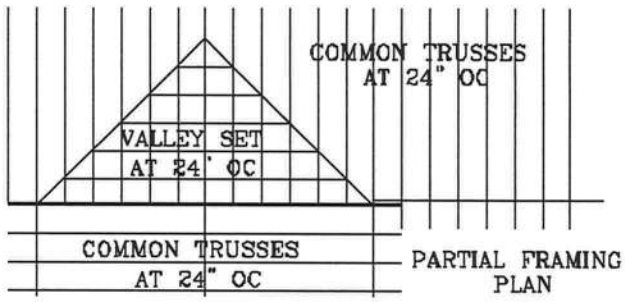
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.







THIS DRAWING REPLACES DRAWING A105

xxWARNINGxx 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

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."

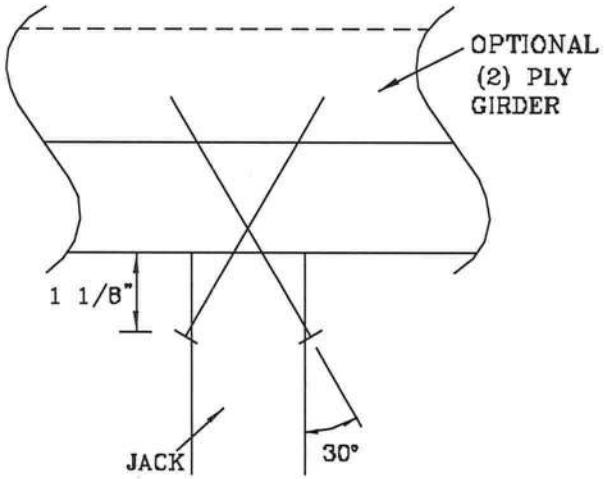
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

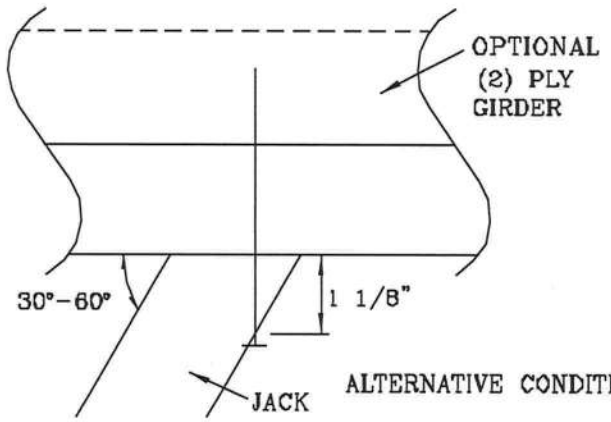
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

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

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.

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1455 SW 4th AVENUE
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			

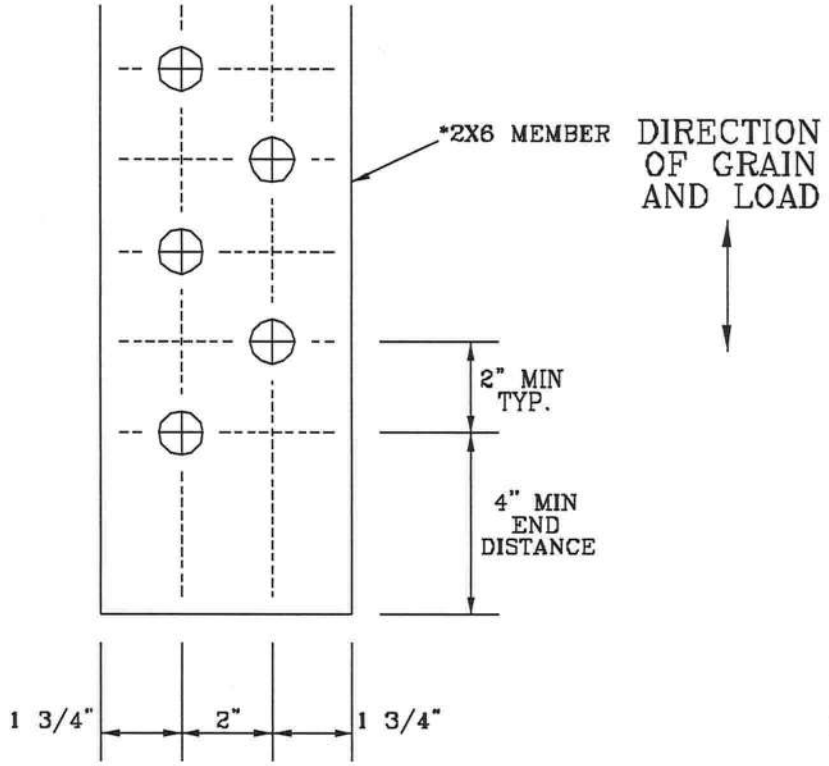
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

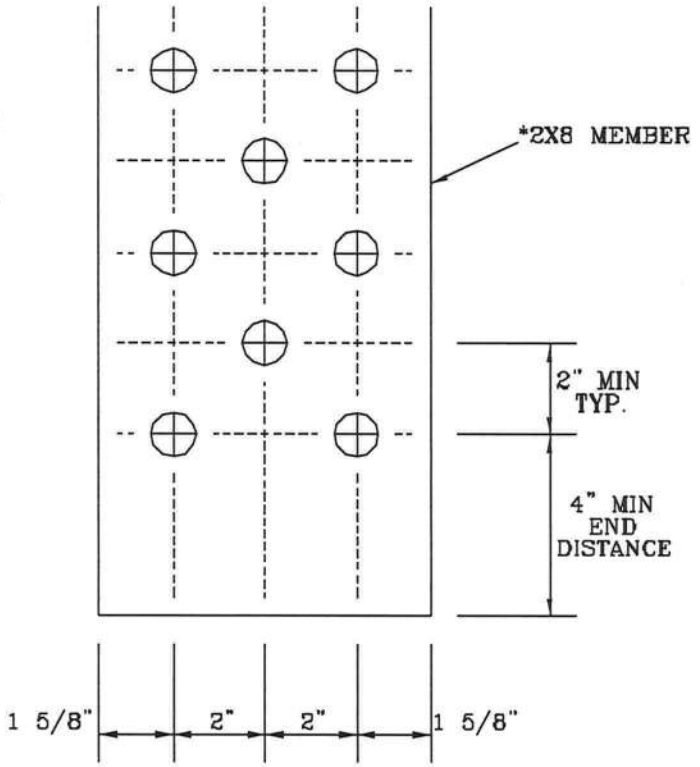
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

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

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.

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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

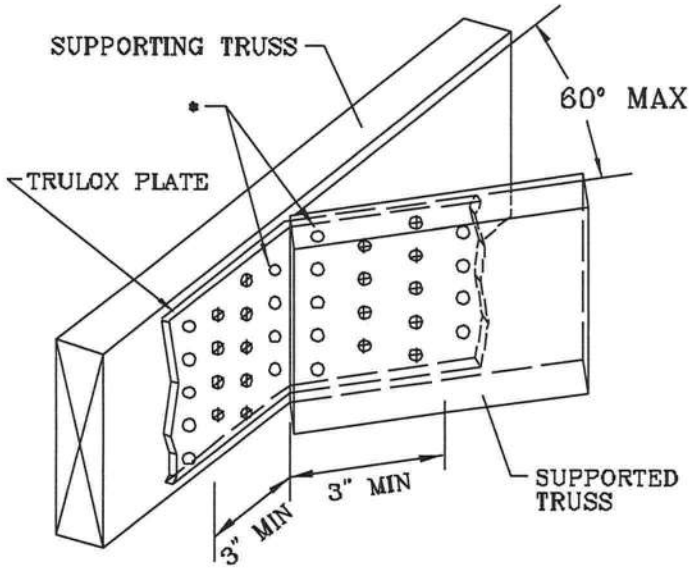
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

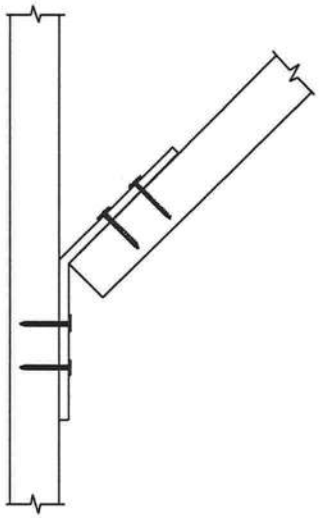
THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

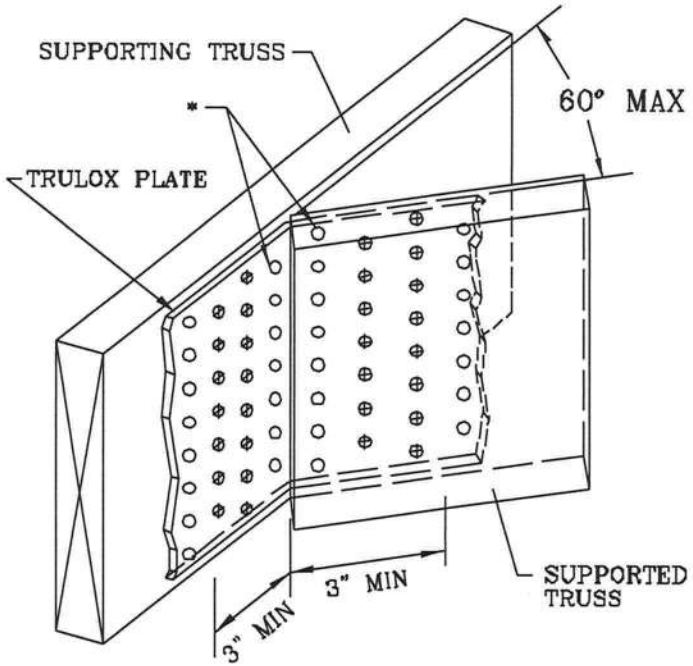
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

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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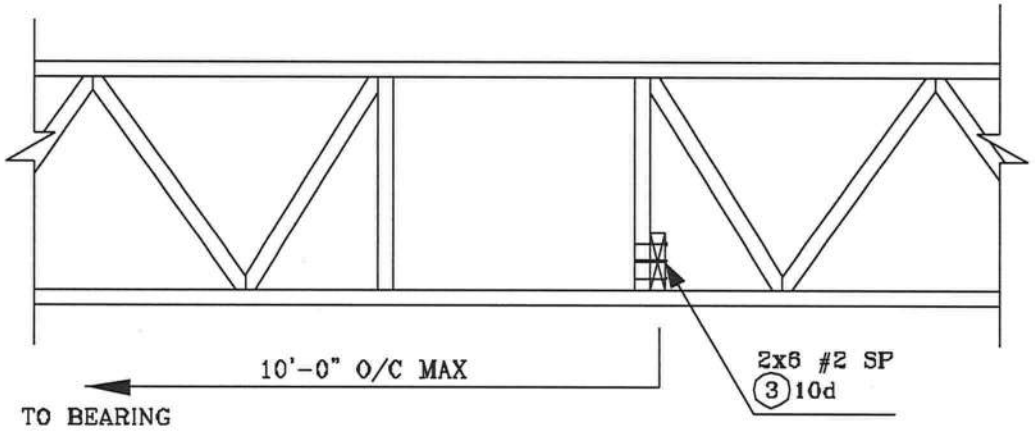
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

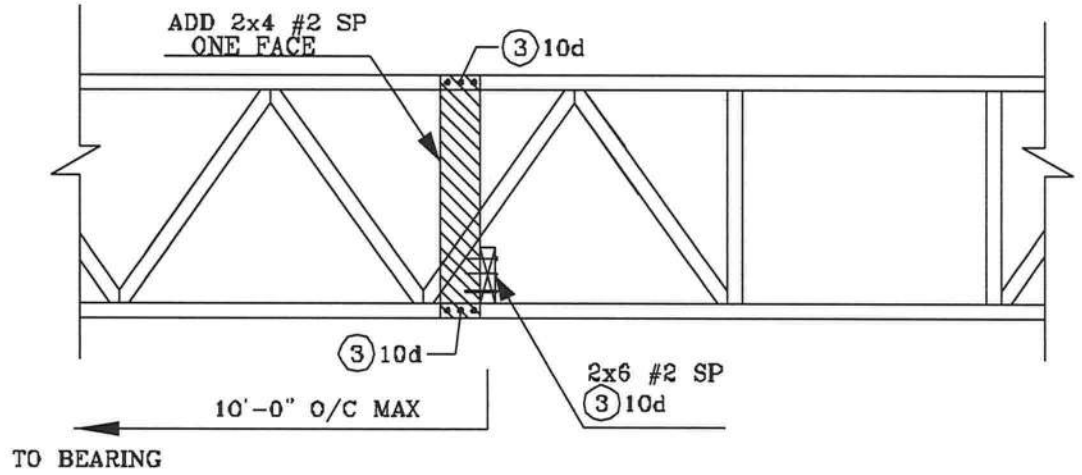
No: 34869
STATE OF FLORIDA

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



JULIUS LEE'S
CONS. ENGINEERS P.A.
1456 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1TMJ8228Z0211161437

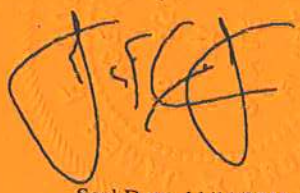
Truss Fabricator:	Anderson Truss Company
Job Identification:	8-239--Fill in later -- , **
Truss Count:	1
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.36.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

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
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	35736--T21		08316014	11/11/08



Seal Date: 11/11/2008

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

27308

(8-239--Fill in later -- , ** - T21)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W11 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

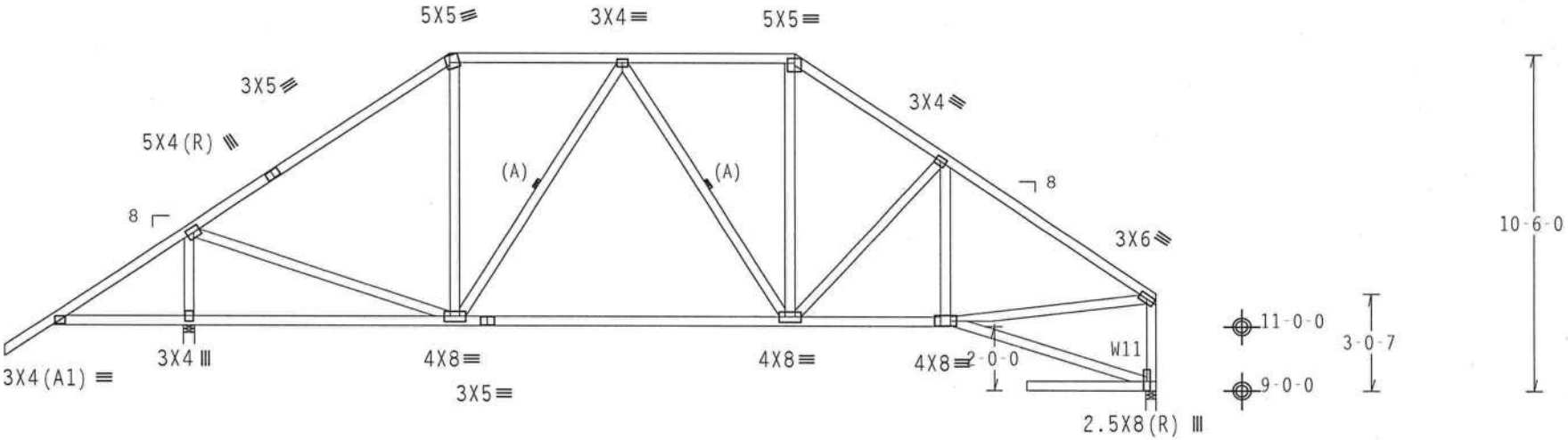
Calculated vertical deflection is 0.61" due to live load and 1.00" due to dead load at X = 29-11-13.

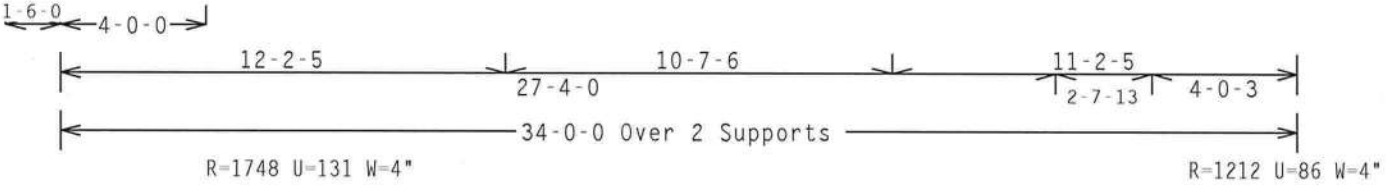
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.36.00.043 QTY:3 FL/-/4/-/E/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Nov 11,2008

TC LL	20.0 PSF	REF	R8228- 35736
TC DL	10.0 PSF	DATE	11/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08316014
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ
TOT.LD.	40.0 PSF	SEQN-	46499
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TMJ8228Z02

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

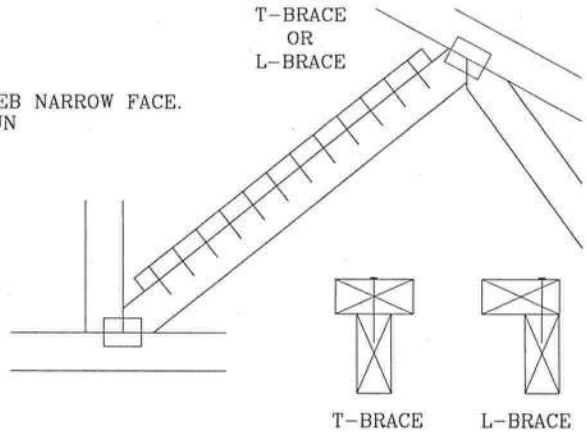
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

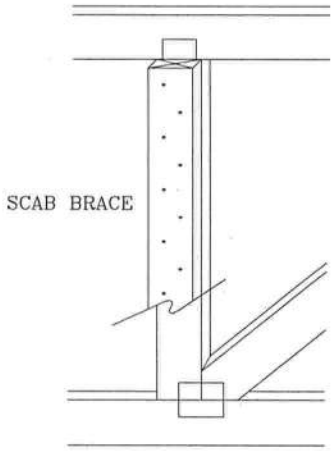
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
NOV 11 '08

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 01-5S-16-03390-023 **Building permit No.** 000027308

Use Classification SFD,UTILITY **Fire:** 38.52

Permit Holder JAMES BURBACH **Waste:** 100.50

Owner of Building CHAD & MINDY CADY **Total:** 139.02

Location: 125 SW HOLLY GLEN, LAKE CITY, FL

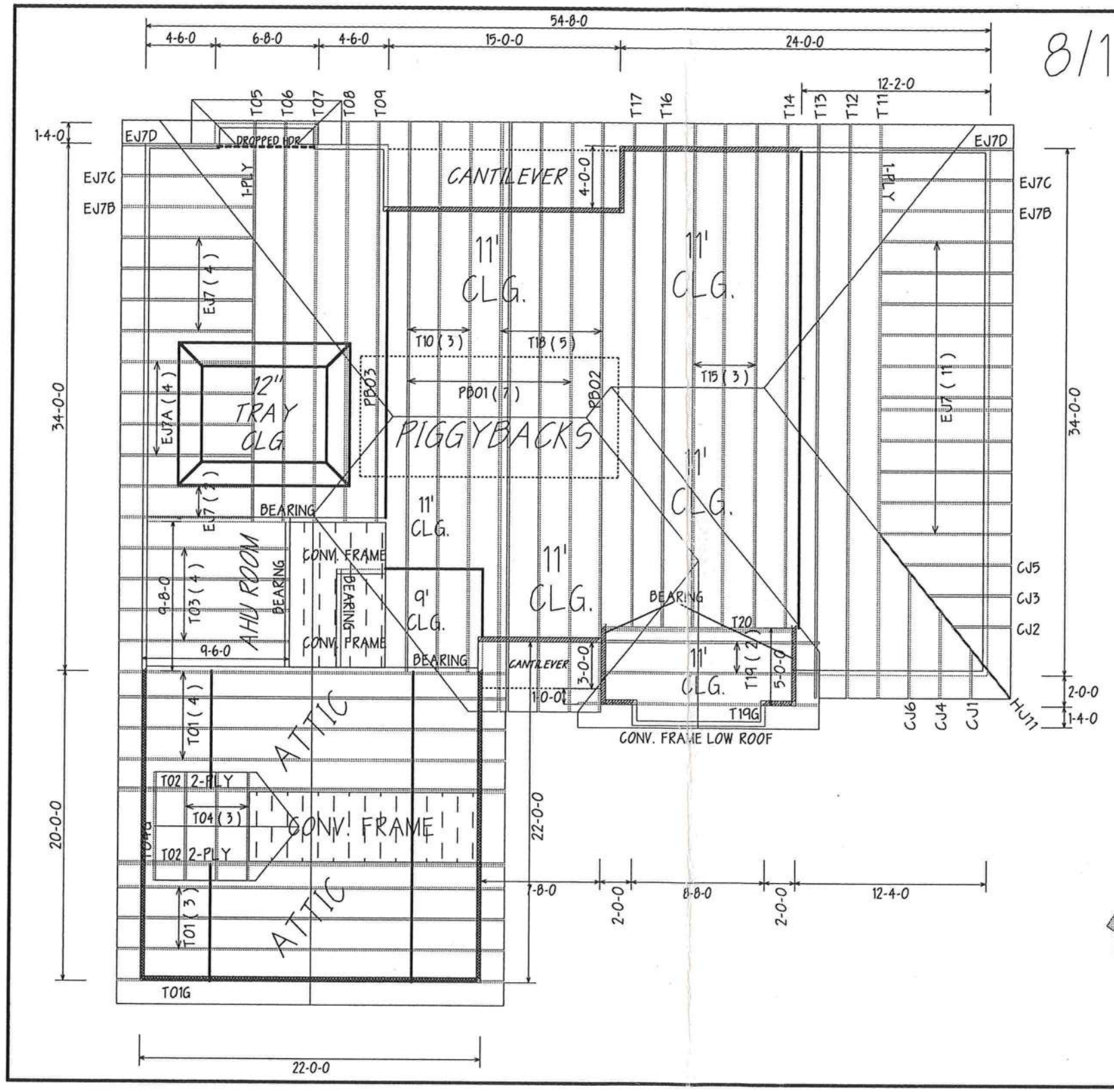
Date: 04/01/2009

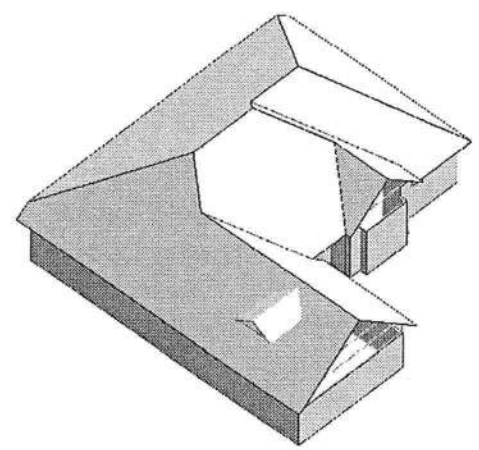
Wayne A. Rose

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

8/12 - 10/12 PITCH
1'6" O/H





BEARING HEIGHT SCHEDULE

9'-1 1/8"

11'-1 1/8"

2' BELOW HOUSE PLATE HGT.

HANGER SCHEDULE
6 - HTU26

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 V1D5 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 THA42Z UNLESS OTHERWISE NOTED.

8) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

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

Requested Delivery Date: _____

Approved By: _____ Date: _____

Builders FirstSource
Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994
Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973
Lake City
PHONE: 386-755-6844 FAX: 386-755-7473
Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: CHAD & MINDI CADY

LEGAL ADDRESS:

MODEL:	REVISION:
CUSTOM	SCALE: NTS
DATE: 3-27-08	DRAWN BY: K.L.H.
JOB #: L272646	

FEES:

ROAD IMPACT FEE $1,046.00 CODE 210 UNIT 1
10100003632400

EMS IMPACT FEE $29.88
10300003632210

FIRE PROTECTION IMPACT FEE $78.63
10200003632220

CORRECTIONS IMPACT FEE $409.16
00100003632200

SCHOOL IMPACT FEE $1,500.00
00100003632900

TOTAL FEES CHARGED $3,063.67 CHECK NUMBER _____