

This Permit Expires One Year From the Date of Issue

APPLICANTMELANIE RODERPHONE2-2281

ADDRESS387SW KEMP COURTLAKE CITYFL32024

OWNERJACOB KIRSCHPHONE344-4817

ADDRESS577SW STONERIDGE DRLAKE CITYFL32024

CONTRACTORJAKE KIRSCHPHONE344-4817

LOCATION OF PROPERTY47S, TL ON WALTER LITTLE, TL ON STONE RIDGE DR.,
13TH LOT ON LEFT,ACROSS FROM HIGH POINT GLEN

TYPE DEVELOPMENTSFD, UTILITYESTIMATED COST OF CONSTRUCTION126850.00

HEATED FLOOR AREAS2537.00TOTAL AREAS4198.00HEIGHT23.00STORIES1

FOUNDATIONCONCRETEWALLSFRAMEDROOF PITCH6/12FLOORSLAB

LAND USE & ZONINGAG-3MAX. HEIGHT35

Minimum Set Back Requirments:STREET-FRONT30.00REAR25.00SIDE25.00

NO. EX.D.U.0FLOOD ZONEXDEVELOPMENT PERMIT NO.

PARCEL ID12-5S-16-03406-116SUBDIVISIONROSE CREEK PLANT

LOT16BLOCKPHASEUNITTOTAL ACRES2.50

000001216CBC1253775Melanie R

Culvert Permit No.Culvert WaiverContractor's License NumberApplicant/Owner/Contractor

PERMIT06-0793-NBKJHN

Driveway ConnectionSeptic Tank NumberLU & Zoning checked byApproved for IssuanceNew Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE
SECTION 14.9 SPECIAL FAMILY LOT PERMIT

Check # or Cash0857

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Powerdate/app. byFoundationdate/app. byMonolithicdate/app. by

Under slab rough-in plumbingdate/app. bySlabdate/app. bySheathing/Nailingdate/app. by

Framingdate/app. byRough-in plumbing above slab and below wood floordate/app. by

Electrical rough-inHeat & Air Ductdate/app. byPeri. beam (Lintel)date/app. by

Permanent powerC.O. Finaldate/app. byCulvertdate/app. by

M/H tie downs, blocking, electricity and plumbingdate/app. byPooldate/app. by

ReconnectionPump poledate/app. byUtility Poledate/app. by

M/H PoleTravel Trailerdater/app. byRe-roofdate/app. by

BUILDING PERMIT FEE \$635.00CERTIFICATION FEE \$20.99SURCHARGE FEE \$20.99

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

FLOOD DEVELOPMENT FEE \$FLOOD ZONE FEE \$25.00CULVERT FEE \$25.00TOTAL FEE776.98

INSPECTORS OFFICECLERKS 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."

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only	Application # <u>0609-37</u>	Date Received <u>9/14/06</u>	By <u>GP</u>	Permit # <u>1216/25029</u>
Application Approved by - Zoning Official <u>BK</u>		Date <u>22-09-06</u>	Plans Examiner <u>AKJH</u>	Date <u>9-22-06</u>
Flood Zone <u>X</u>	Development Permit <u>N/A</u>	Zoning <u>A-3</u>	Land Use Plan Map Category <u>A-3</u>	
Comments <u>Section 14.9 Special Family Lot Permit</u>				

Applicants Name Linda Roder or Melanie Roder Phone 752-2281
Address 387 SW Kempct Lake City FL 32024
Owners Name Jacob Kirsch Phone 344-4817
911 Address 577 SW Stoneridge Dr, L.C. 32024
Contractors Name Jake Kirsch of Compass Builders Phone 344-4817
Address 197 SW Watertford Ct Ste. 106 Lake City FL 32025
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Weber Design Group
Mortgage Lenders Name & Address Suntrust Mortgage
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 12-55-16-03406-116 Estimated Cost of Construction 190K
Subdivision Name Rose Creek Plantation Lot 16 Block Parcel A Unit Phase 2
Driving Directions 47 S. Lon Walter Little, Lon Stone Ridge Drive
13th Lot down on L, across from SW Highpoint Glen

Type of Construction SFD Number of Existing Dwellings on Property 0
Total Acreage Lot Size 2.596 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 100' Side 61' Side 61' Rear 412'
Total Building Height 23'-10" Number of Stories 1 Heated Floor Area 2537 Roof Pitch 6-12
TOTAL 4198

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

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

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Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this day of 20.

Personally known or Produced Identification



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

Contractor Signature

Contractors License Number CBC 1253775

Competency Card Number

NOTARY STAMP/SEAL

Linda Roder

Notary Signature

Left MESSAGE

08/30/06

AP# KTRSC0036384287

L# 0036384287



PREPARED BY/RETURN TO: Lauren Autry
SunTrust Mortgage Inc.
76 South Laura Street
Jacksonville, FL 32202

(name and address)

NOTICE OF COMMENCEMENT

Building Permit No. _____ Tax Folio No. _____ Inst: 2006021159 Date: 09/06/2006 Time: 10:12
STATE OF Florida DC, P. Dewitt Cason, Columbia County B: 1095 P: 23
COUNTY OF Columbia

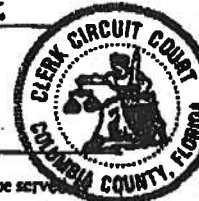
THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property: LOT 16A SW STONERIDGE DRIVE
(legal description of the property, LAKE CITY, FL 32024
and street address if available)
SEE ATTACHED "EXHIBIT A"
FOR LEGAL DESCRIPTION
2. General Description of Improvements: Construction of single family dwelling
3. Owner Information:
 - a. Name and Address: JAKE KIRSCH
196 SW HUNTSVIEW WAY
LAKE CITY, FL 32025
 - b. Interest in property: FEE SIMPLE
 - c. Name and address of fee Simple ditchholder (if other than owner):
4. Contractor: COMPASS Builders
197 SW Waterford Court #106, Lake City, FL 32025
5. Surety:
 - a. Name and address:
 - b. Amount of bond \$ _____
6. Lender Information:
 - a. Name and Address: SunTrust Mortgage Inc.
76 South Laura Street, Jacksonville, FL 32202
 - b. Designated Contact: RESIDENTIAL CONSTRUCTION DEPARTMENT
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served provided by Section 713.13(1)(a) 7., Florida Statutes
(name and address)

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 Haron Fragle
Clerk of Courts

Date 09-06-2006



8. In addition to himself, Owner designates RESIDENTIAL CONSTRUCTION DEPARTMENT
of SunTrust Mortgage Inc., A Virginia Corporation
to receive a copy of the Lessor's Notice as provided in Section 713.13(1)(b), Florida Statutes

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

Signature of Owner JAKE KIRSCH

Jacob Kirsch
Signature of Owner

Signature of Owner

Laurel Kirsch
Signature of Owner

STATE OF
COUNTY OF

The foregoing instrument was acknowledged before me this _____, by the
Owner who is personally known to me or who produced _____
as identification.

[Seal]

Serial Number:

MW-FLA NOTICE COMMENCEMENT CFM

CFM 080706 (08/02)



Matthew Rocco
My Commission 00180706
Expires September 17 2006

Notary Public

Plant File Number: 06-1285

EXHIBIT "A"

Part of Lot 16, ROSE CREEK PLANTATION, PHASE II, according to the plat thereof, recorded in Plat Book 7, Page(s) 28 and 29, of the Public Records of COLUMBIA County, Florida more particularly described as follows:

Begin at the NE Corner of the NE 1/4 of the NW 1/4 of Section 12, Township 5 South, Range 16 East, also known as P.R.M. 12 as per said Plat and run S00°08'11" W., 139.72 feet, thence S88°30'50" W, 567.01 feet to a point on a curve of a curve having a radius of 1970.00 feet and an included angle of 02°41'07", thence run Northwesterly along the arc of said curve an arc distance of 91.33 feet to the Point of Reverse Curve having a radius of 1030.00 feet and an included angle of 05°40'22", thence run Northwesterly along the arc of said curve an arc distance of 101.98 feet; thence N89°18'35"E, 595.01 feet, thence S00°09'41" E, 43.95 feet to the POINT OF BEGINNING.

LESS AND EXCEPT the following described parcel:

A part of Lot 16, of ROSE CREEK PLANTATION, PHASE II, as per plat thereof recorded in Plat Book 7, Pages 28 and 29 of the Public Records of COLUMBIA County, Florida, more particularly described as follows: Commence at the NE corner of the NE 1/4 of the NW 1/4 of Section 12, Township 5 South, Range 16 East, also known as P.R.M. 12 as per said plat and run S 00 deg. 08'11"W, 139.72 feet to the Point of Beginning, thence S 88 deg. 30'50"W, 567.01 feet to a point on a curve of a curve having a radius of 1970.00 feet and an included angle of 05 deg. 40'30"; thence run Southeasterly along the arc of said curve an arc distance of 195.12 feet; thence S 90 deg. 00'00" E, 526.83 feet; thence N 00 deg. 08'11"W, 205.71 feet to the Point of Beginning.

Inst:2006021158 Date:09/06/2006 Time:10:12

DC,P.Dewitt Cason,Columbia County B:1095 P:24

Jacob & Laura Kirsch
196 SW Huntsview way
Lake City, FL 32024

Columbia County Building Dept
Lake City, Florida

Re: Rose Creek Lot 16

To Whom It May Concern:

Jacob & Laura Kirsch have purchased the North 2.5 Acres of Rose Creek lot 16 from Curt & Kathie Cady for the construction of a our personal residence. This once 5 acre parcel is restricted to a single home site, unless divided among family shall allow for 2 home sites

The owners of the South 2.5 acres of Rose Creek Lot 16 (Ben & Rebecca Cady) are related to my wife and I, the new owners of the North 2.5 Acres by our mutual relationship to Curt Cady, my Father in law and Ben & Laura's father.

Parcel IDs:

12-5S-16-03406-116 (North portion of rose creek Lot 16)

12-5S-16-03406-216 (South portion of Rose Creek Lot 16)

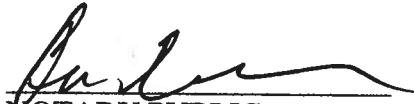
Sincerely,


Jacob Kirsch

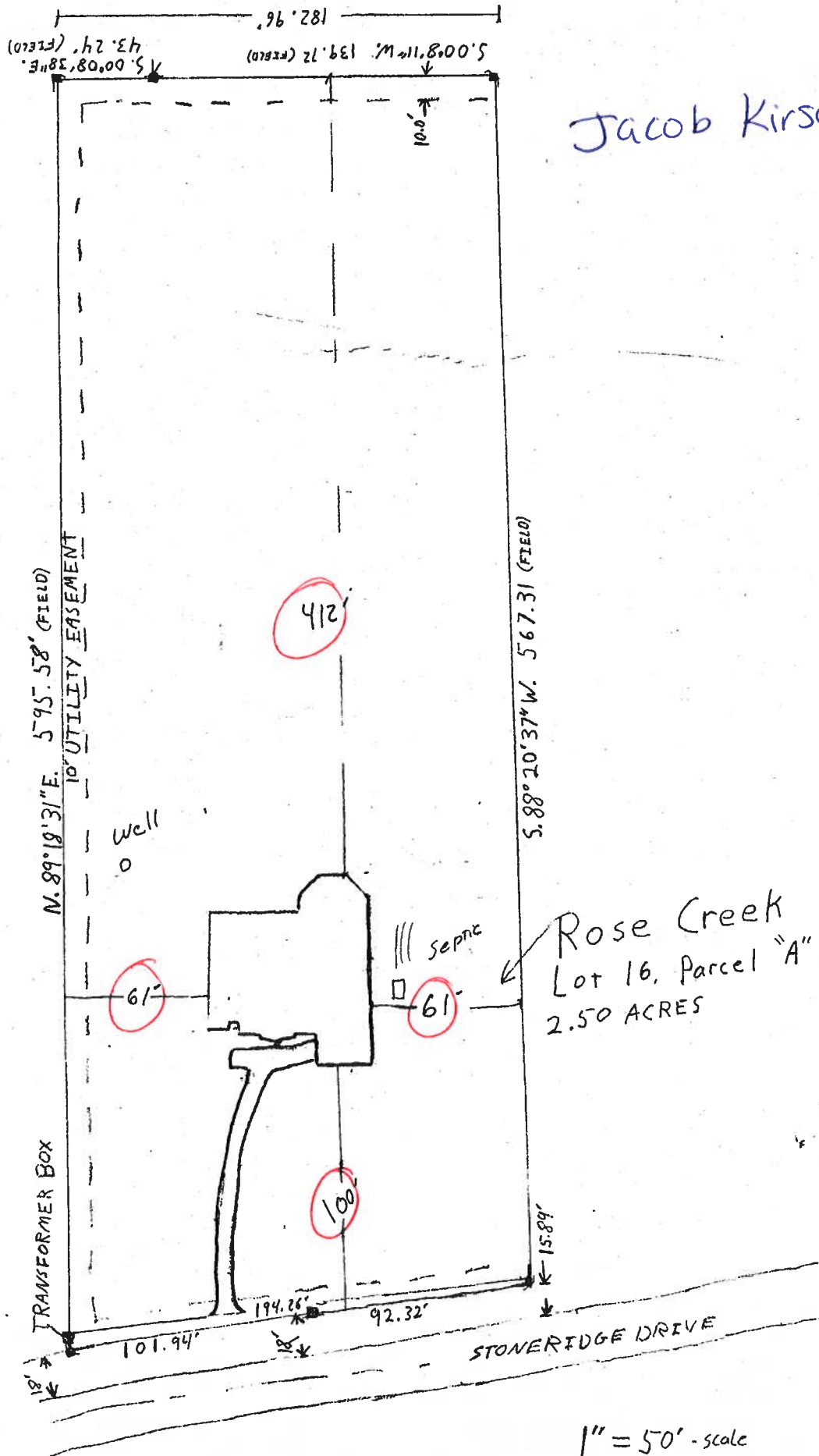
Sworn to and subscribed before me by **Jacob Kirsch** who is personally known to me or produced known as identification, and who did ☒ take an oath, this 30 day of August, 20 06.



Aaron M. Cady
Commission #DD531301
Expires: MAR. 21, 2010
www.AARONNOTARY.com


NOTARY PUBLIC

Print name of Notary: AARON M. Cady
Commission Expires
MARCH 21, 2010



1" = 50' - scale



**STATE OF FLORIDA
DEPARTMENT OF HEALTH**

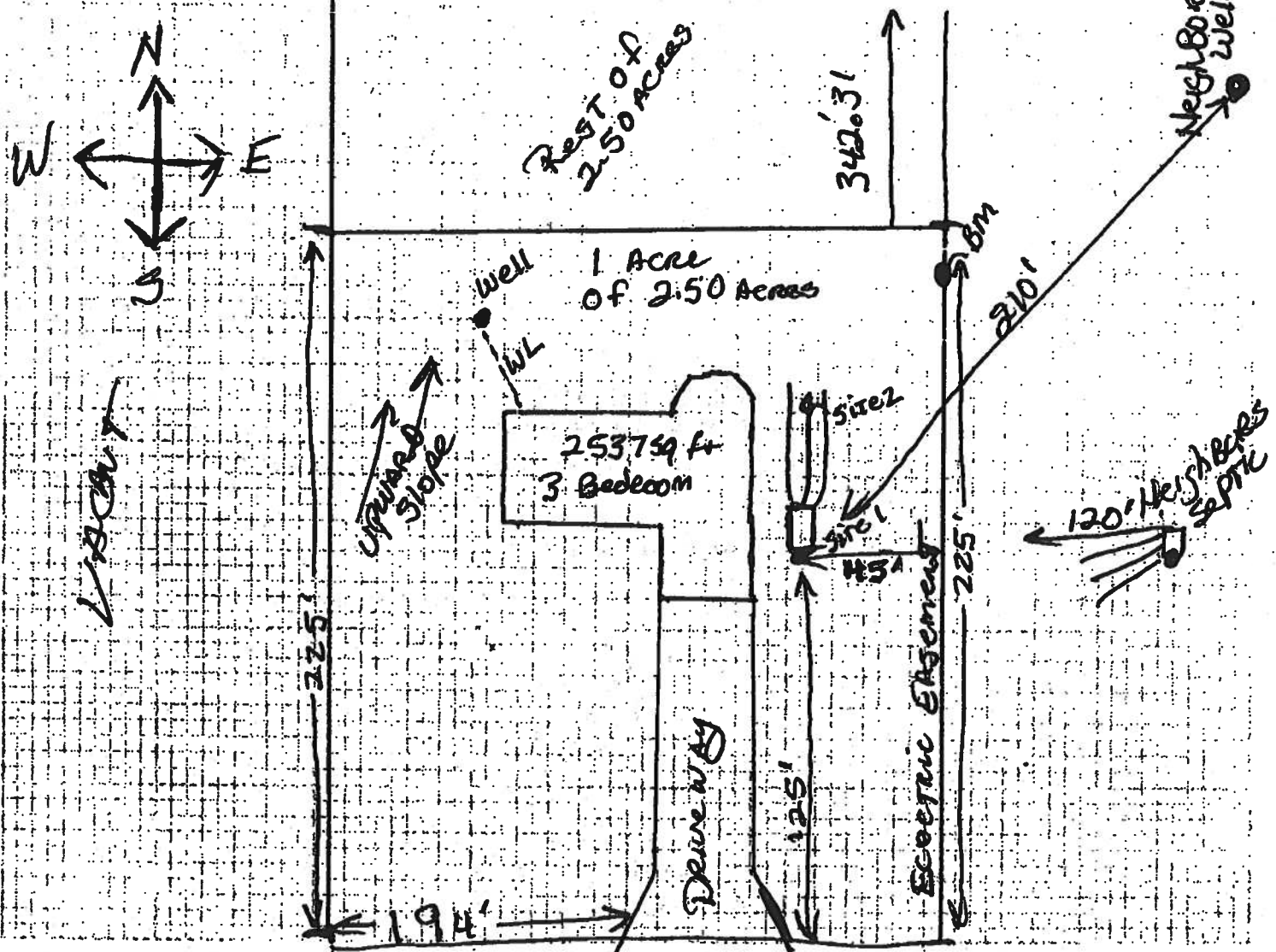
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

06-0793N

PART II - SITE PLAN-

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

STONERIDGE DR

16T 16 A

Rose Creek PLANTATION PH II

BURT & KATHERINE Cady (JACOB KIRSCH)

Site Plan submitted by:

Robert W Inc
Signature

Signature

Plan Approved

K

Not Approved

By.

Salhi Gaddy Not App

711

Agnes
Title

De

Date _____

9-7-06

County Health Department

Columbia CHD

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



197 SW Waterford ct, Ste 106 – Lake City, FL 32025

P386-344-4817
F386-752-5047

22 September 2006

Joe Haltiwanger, Plans Review
Columbia County Building Dept.
Lake City, FL 32055

RE: Kirsch Residence
Plan Review # 0609-37

Dear Sir,

Please be advised of the following clarifications as related to your review comments.

1. The bathroom marked "Pool Bath" shall maintain the minimum opening width of 29" via the indicated pocket door.
2. The mechanical room located above the garage will be accessed directly via pull down stairs, this opening shall be not less than 30" x 22" or of adequate size to allow for replacement of air handler unit, and will be located within 6' of appliance panel. The space within mechanical room shall be 10' x 7.5' with a 5' ceiling height.
 - 2.1 Electrical Requirements. A lighting fixture with receptacle outlet will be installed with operable switch within reach of access opening.
 - 2.2 An alarm will be installed to alert the owner or shut down the unit with condensation drains are not working properly
 - 2.3 A notice will be posted on electrical service panel, see attached notice proof.
3. The attic access opening shall maintain fire resistance rating equivalent to ½" drywall or 20 min fire rated assembly, Also the garage entrance to house have a honeycomb steel door not less than 1 3/8" thick, or 20 min fire rating.

Jacob Kirsch

A handwritten signature in black ink, appearing to read "Jacob Kirsch", written in a cursive style.

Home Owner/Contractor CBC1253775
Compass Builders



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

Reference to a building permit application Number: **0609-37**
Contractor Compass Builders Owner: Jake Kirsch Property ID#12-5s-16-03406-116

On the date of September 20, 2006 application 0609-37 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0609-37 and when making reference to this application.

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

1. Please identify one bathroom which will provide the required door opening width of 29" to comply with section R322.1.1 of the Florida Residential Building Code 2004: All new single-family houses, duplexes, triplexes,

condominiums and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).

- 2.** In the garage attic a 7'6" X 5' attic storage area is shown within this area the HVAC units will be placed. Please provide the required information form Section 306.3 Appliances in attics of the Florida Mechanical Code 2004.

Attics containing appliances requiring access shall be provided with an opening and unobstructed passageway large enough to allow removal of the largest appliance. The passageway shall not be less than 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 6 feet (1829 mm) in length measured along the centerline of the passageway from the attic access opening to the appliance's service panel. The passageway shall have continuous solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the appliance. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), where such dimensions are large enough to allow removal of the largest appliance.

Exception: The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening.

306.3.1 Electrical requirements. A lighting fixture with receptacle outlet, controlled by a switch located at the passageway opening, shall be provided so as to light the passageway and service area and installed in accordance with Chapter 27 of the Florida Building Code, Building Air-handling units. Air-handling units shall be allowed in residential attics if the following conditions are met:

1. The service panel of the equipment is located within 6 feet (1829 mm) feet of an attic access.
2. A device is installed to alert the owner or shut the unit down when the condensation drain is not working properly.
3. The attic access opening is of sufficient size to replace the air handler.
4. A notice is posted on the electric service panel indicating to the homeowner that the air handler is located in the attic. Said notice shall be in all capitals, in 16-point type, with the title and first paragraph in bold:

NOTICE TO HOMEOWNER

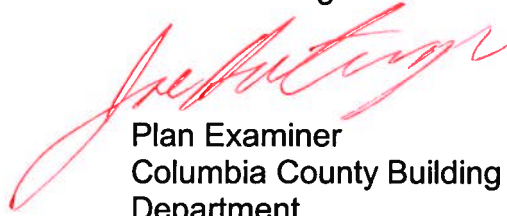
**A PART OF YOUR AIR-CONDITIONING SYSTEM, THE AIR
HANDLER, IS LOCATED IN THE ATTIC. FOR PROPER, EFFICIENT,
AND ECONOMIC OPERATION OF THE AIR-CONDITIONING**

SYSTEM, YOU MUST ENSURE THAT REGULAR MAINTENANCE IS PERFORMED.

YOUR AIR-CONDITIONING SYSTEM IS EQUIPPED WITH ONE OR BOTH OF THE FOLLOWING: 1) A DEVICE THAT WILL ALERT YOU WHEN THE CONDENSATION DRAIN IS NOT WORKING PROPERLY, OR 2) A DEVICE THAT WILL SHUT THE SYSTEM DOWN WHEN THE CONDENSATION DRAIN IS NOT WORKING. TO LIMIT POTENTIAL DAMAGE TO YOUR HOME, AND TO AVOID DISRUPTION OF SERVICE, IT IS RECOMMENDED THAT YOU ENSURE PROPER WORKING ORDER OF THESE DEVICES BEFORE EACH SEASON OF PEAK OPERATION.

- 3.** The attic access opening (pull down ladder type attic egress door) in the garage ceiling shall have the same protection requirements of FRC-2004 Code section: R309.2 Separation required. The garage shall be separated from the residence and its attic area by not less than ½-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than ½-inch (12.7 mm) gypsum board or equivalent. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors.

Joe Haltiwanger

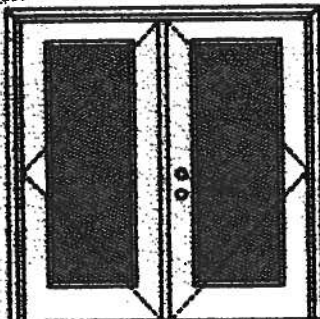


Plan Examiner
Columbia County Building
Department

XX

Glazed Outswing Unit

DDP WL-JH152-02

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

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

Double Door

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

Design Pressure**+40.5/-40.5**

Limited water unless special threshold design is used.

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

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

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

100 Series



122, 126 Series



128 Series



680 Series



822 Series

1/2 GLASS:

105 Series*



106, 108 Series*



129 Series*



280 Series*



12 RA, 22 RA, 34 RA Series*



107 Series*



108 Series



304 Series

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

Johnson
EntrySystems

March 23, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

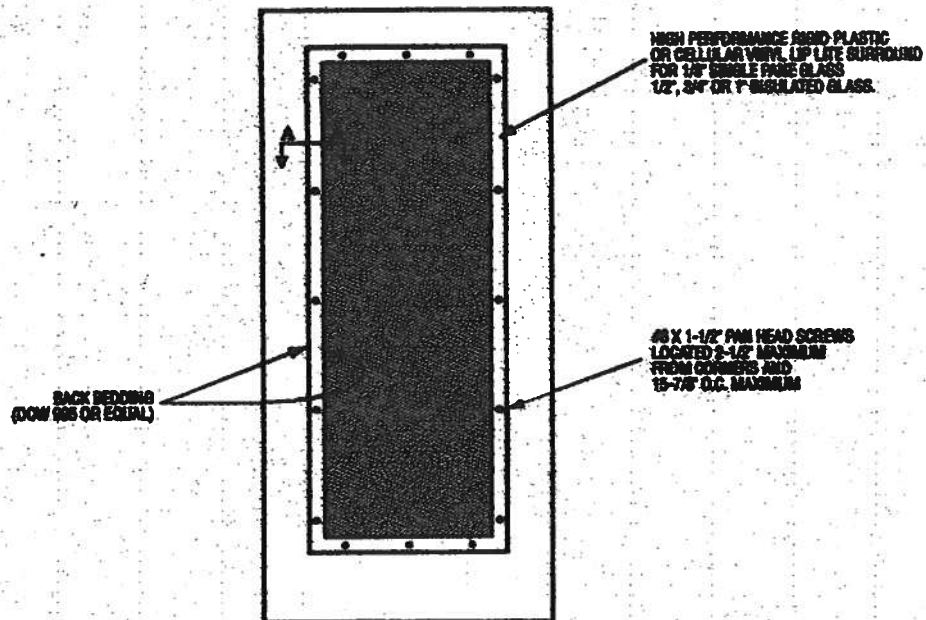
PREMDORE
Premium Quality Doors



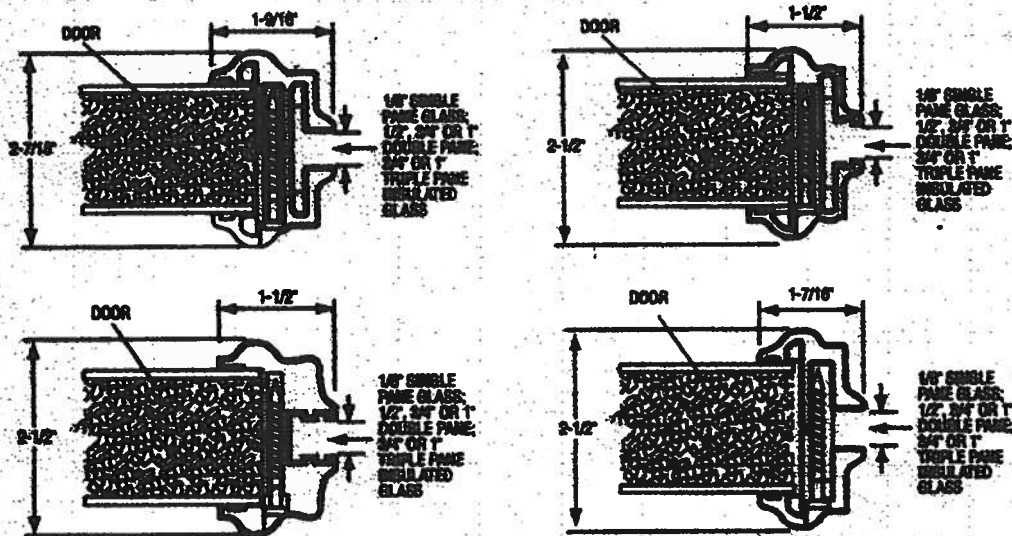
Exclusively from

Masonite
Masonite International Corporation

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



XX

Glazed Outswing Unit

COP-WL-JHM162-012

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:
3/4 GLASS:**

404 Series



410 Series



450 Series

FULL GLASS:

100 Series

114, 120, 122
Series

132 Series



140 Series



300 Series

CERTIFIED TEST REPORTS:

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

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

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

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

State of Florida, Professional Engineer
Kurt Bathazor, P.E. - License Number 58533

Johnson
EntrySystems

March 28, 2002
Our continuing program of product improvement makes specifications, designs and product data subject to change without notice.



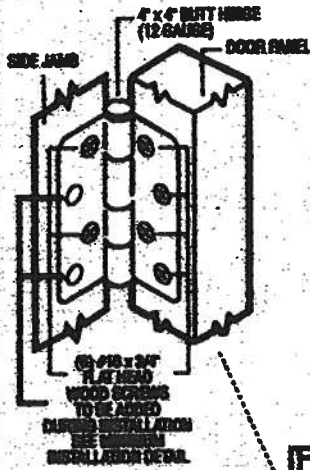
Exclusively from

Masonite
Masonite International Corporation

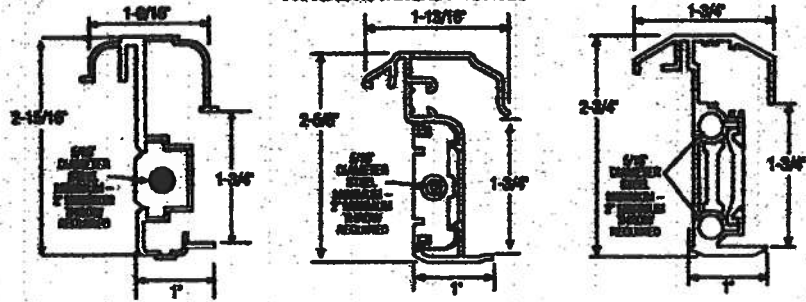
XX
Unit

**OUTSWING UNITS WITH
DOUBLE DOOR**

TYPICAL HINGE ATTACHMENT

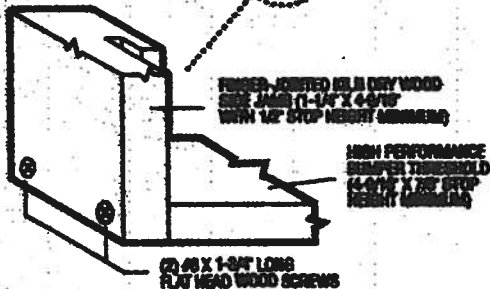


TYPICAL ASTRAGAL PROFILES



ALUMINUM EXTRUDED ASTRAGAL (0.07" MINIMUM WALL THICKNESS) WITH ADDED REINFORCEMENT INSERTS AT TOP EXTENSION BOLT, BOTTOM EXTENSION BOLT AND CYLINDRICAL ROCKERBOLT LATCHING LOCATIONS. ATTACH WITH #6 X 1" PAN HEAD SCREWS - LOCATE 1" FROM EACH END MINIMUM AND 22" O.C. MAXIMUM.

**TYPICAL THRESHOLD &
SIDE JAMB ATTACHMENT**



**TYPICAL HEADER &
SIDE JAMB ATTACHMENT**



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

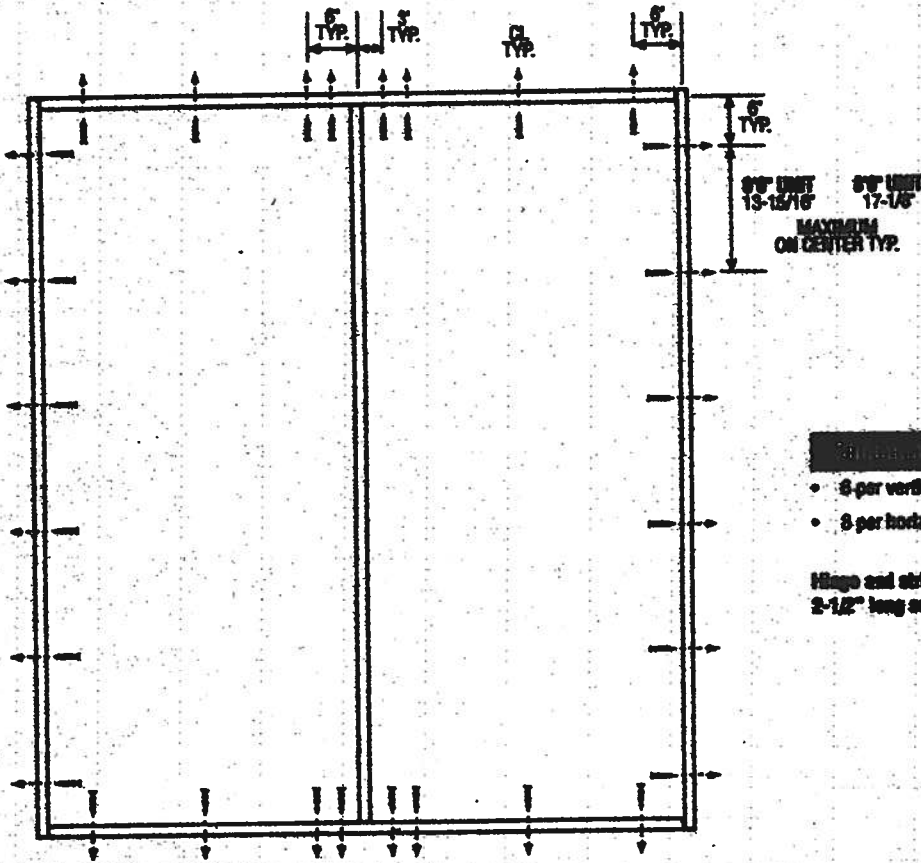


Exclusively from

Masonite
Masonite International Corporation

XX
Unit

DOUBLE DOOR



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

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

Latching Hardware:

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

Notes:

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

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



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**AAMA/NWDA 101/1.9.2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

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

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

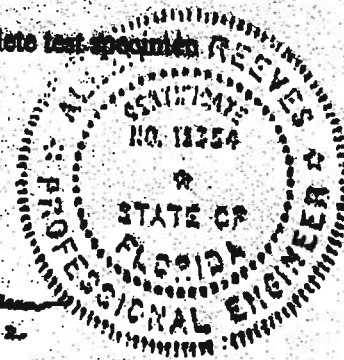
Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.


Mark A. Hess, Technician

MAH:nb


1 APRIL 2002



II

Architectural Testing

AAMA/NWDA 101/LS.2-97 TEST REPORT

Rendered to

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

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

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

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

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

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

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

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

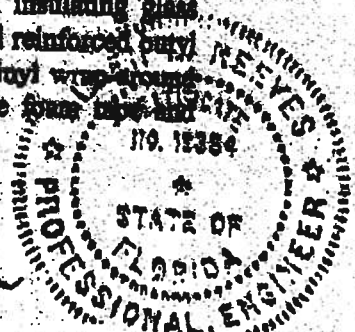
Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

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

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

Allen D. Ramey
1 APRIL 2002



III

Test Specimen Description: (Continued)

Weatherstripping:

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

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

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

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

Hardware:

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

Allen N. Reeves
1 APRIL 2002



IV

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

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

Test Results:

The results are tabulated as follows:

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

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

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

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

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
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Allen H. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

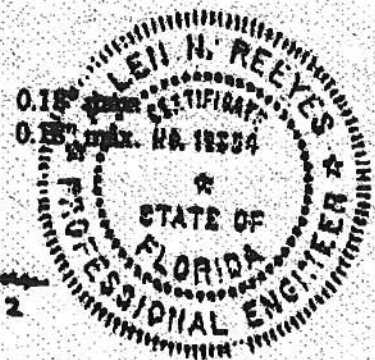
Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	De-glazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"	0.26" max.
	@ 47.2 psf (negative)	0.46"	0.26" max.

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

Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)	
@ 67.5 psf (positive)	0.05"
@ 70.8 psf (negative)	0.05"



VI

01-41134.01
Page 5 of 5

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

For ARCHITECTURAL TESTING, INC:



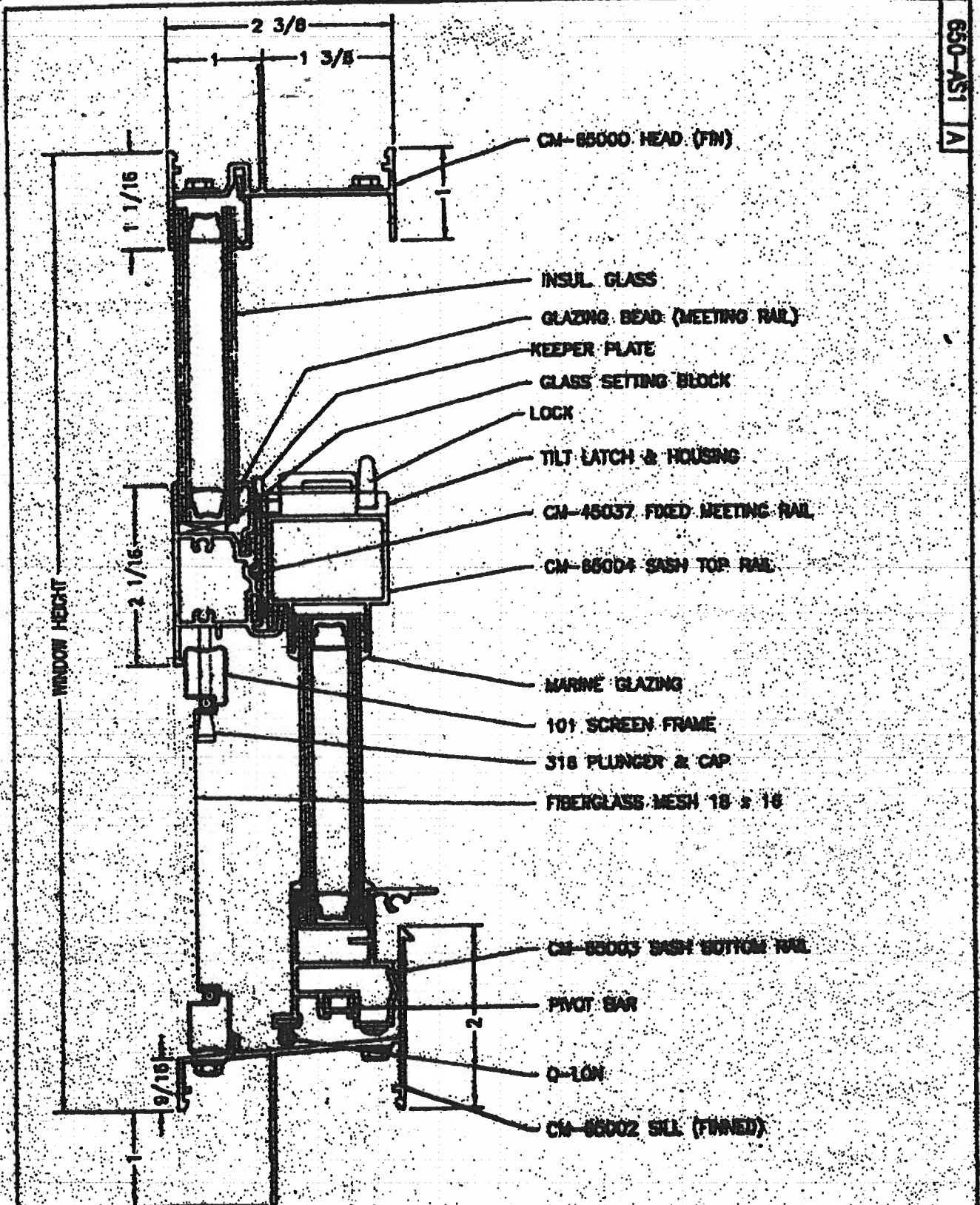
Mark A. Hess
Technician

MAH:nib
01-41134.01



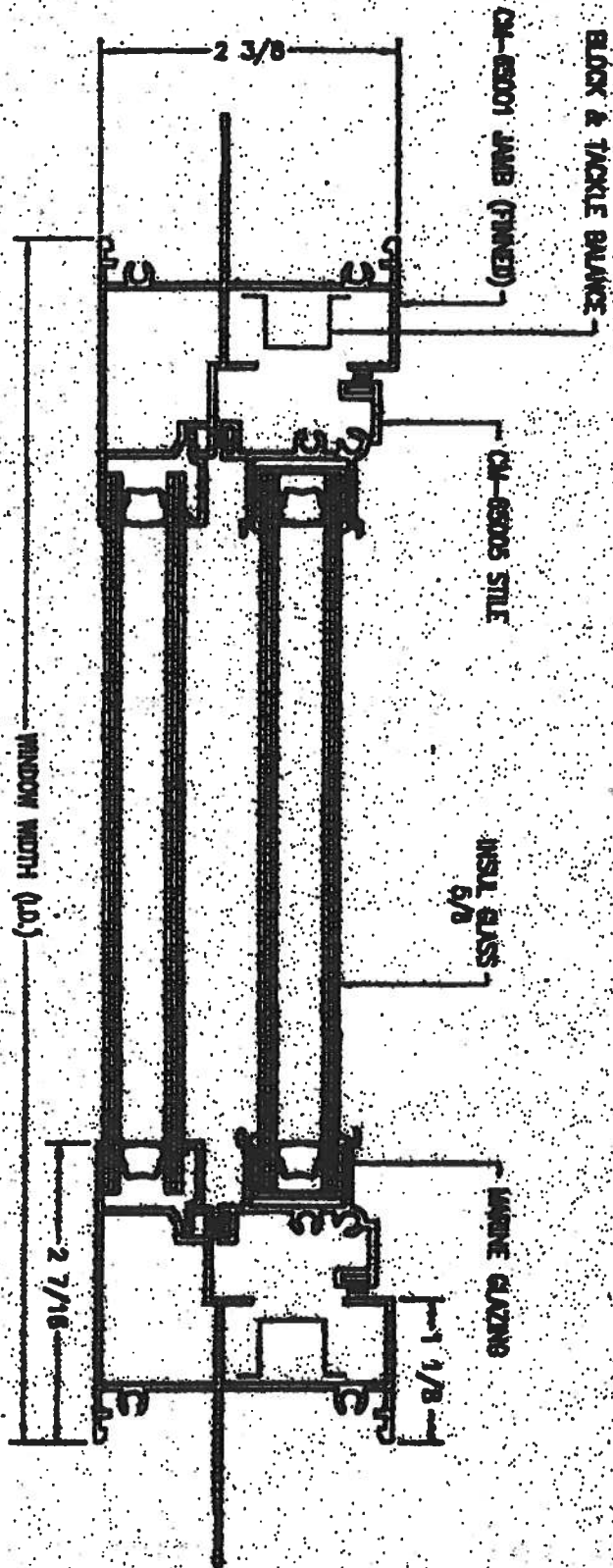
Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002





650-AS1 A

MI HOME PRODUCTS			
650 NEW BRIDGE STREET • CHRY, PA • 17036-0070			
TITLE		650 SH FIN MAIN FRAME VERTICAL CROSS SECTION	
DATE	4-7-82	FILE NO.	650-AS1 A



MI HOME PRODUCTS	
850 SH FIN LAMN FRAME INSULATED	
GLASS HORIZONTAL CROSS SECTION	
DATE	4-7-02
BY	ALL
850-AS2	850-AS2

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Organization Product Manufacturer

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Manufact Building

Organization Name General American Door - Product Manufacturer

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Name	City	Contact	Phone	Type	Expiry	Status
General American Door	Montgomery	James Campbell	6303591000	Product Manufacturer	01/01/2009	Approved

Org Code: PDM System ID: 3365

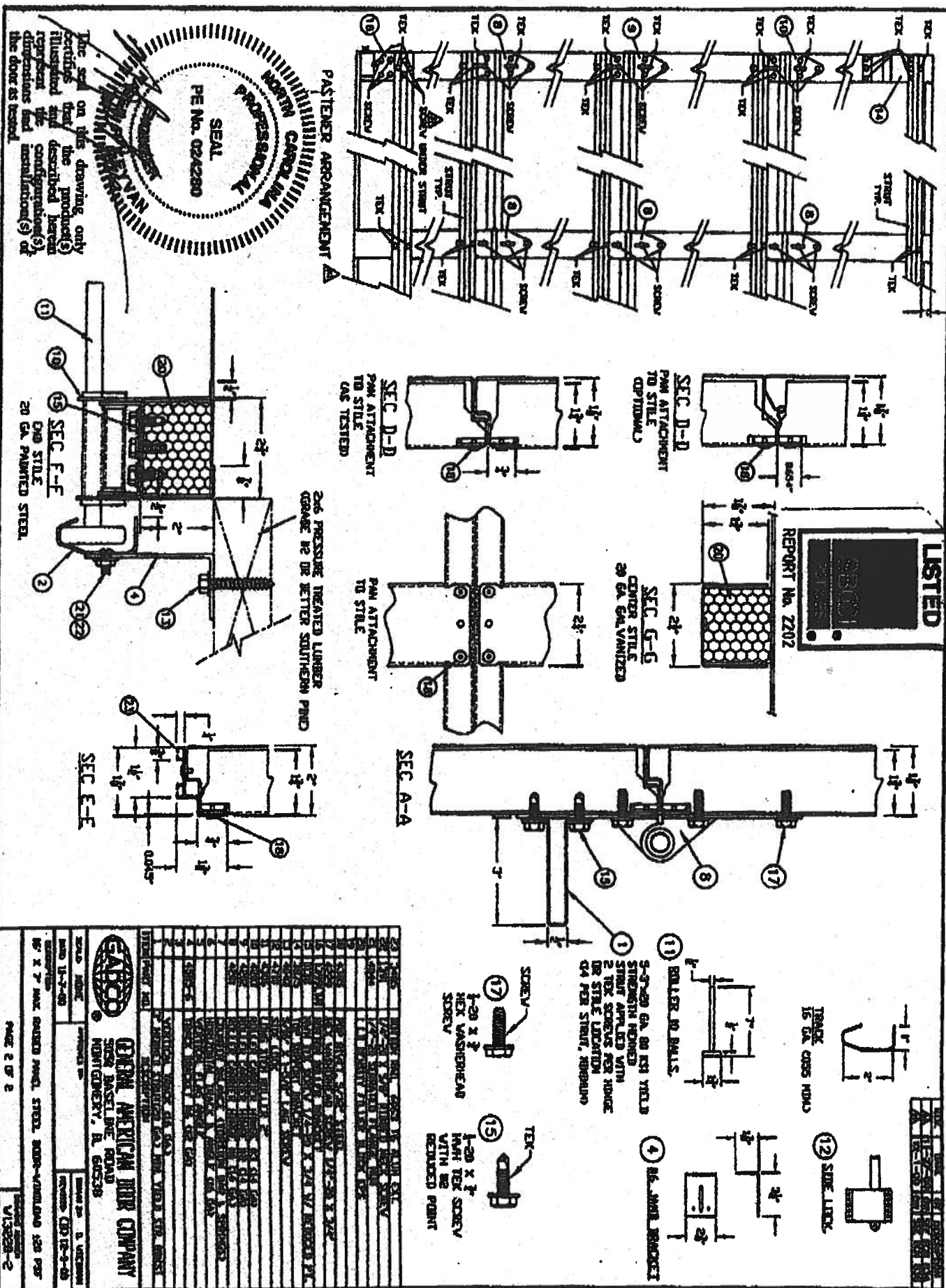
Site Link: www.gadco.com

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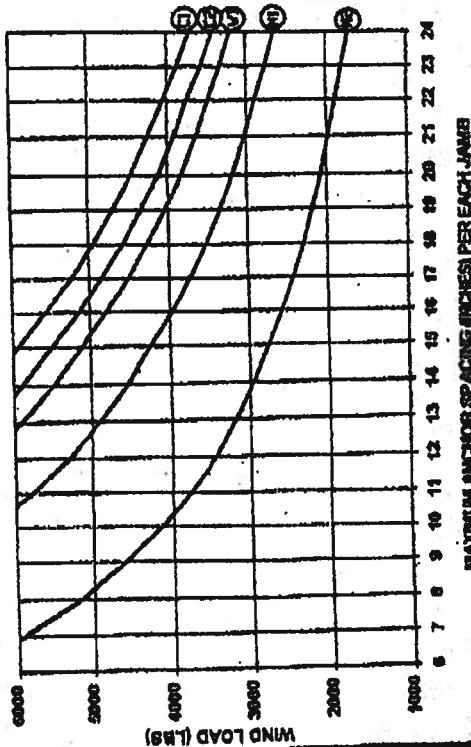
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

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

NOTES:

- 1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.
- 2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION" SSTB 10, CURRENT EDITION.
- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- 4) WOOD FRAME BUILDINGS STUDS AT EACH SIDE OF DOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2x6 PRESSURE TREATED SOUTHERN PINE (22 GRADE OR BETTER) WALL STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.
- 5) REINFORCED CMU OR CONCRETE, 2x6 VJOOD JAMB SHALL BE ANCHORED TO SOLIDLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2500 PSI. GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- 6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.
- 7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM 3" EDGE DISTANCE FROM ALL EDGES OF CONCRETE OR CONCRETE MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM SPACING OF 3-3/4".
- 8) LAG SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE 2x6 WALL STUDS.
- 9) WASHERS ARE REQUIRED ON ALL FASTENERS.
- 10) THE VJOOD LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.
- 11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2x6 VJOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2x6 VJOOD JAMB ANCHORS, AND AN ADDITIONAL 2x6 VJOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO VJOOD JAMB ANCHORS.

WIND LOAD vs. ANCHOR SPACING



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

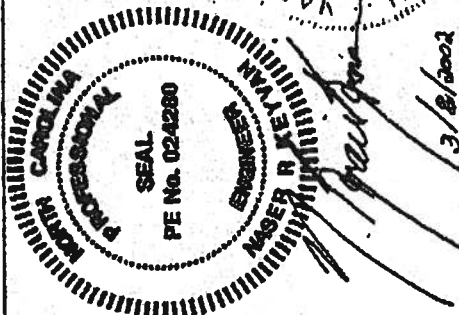
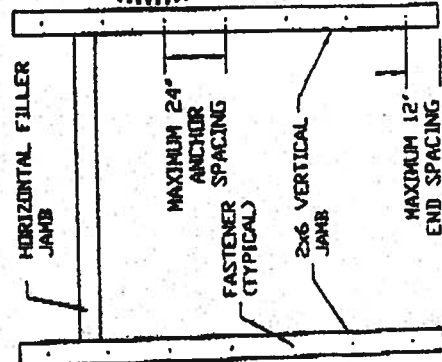
MAXIMUM ANCHOR SPACING (INCHES) PER EACH JAMB

EXAMPLE

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

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

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



3/8/2002

		GENERAL AMERICAN DOOR COMPANY 5100 BASELINE ROAD MONTGOMERY, IL 60538	
SCALE: NONE DATE: 6-30-99 REVISION:	APPROVED BY:	DRAWN BY: DV CHECKED:	PROJECT NUMBER:
JAMB TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS			

roofing - other

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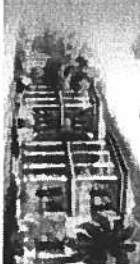
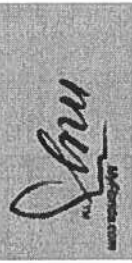
Code Version	2004	FL#	ALL
Application Type	ALL	Product Manufacturer	Owens Corning
Category	Roofing	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL

Search Results - Applications

<u>FL#</u>	<u>Type</u>	<u>Manufacturer</u>	<u>Validated By</u>	<u>Status</u>
FL234-R1 History	Revision	Owens Corning Category: Roofing Subcategory: Other		Approved
FL1000-R1 History	Revision	Owens Corning Category: Roofing Subcategory: Underlayments		Approved
FL1001-R1 History	Revision	Owens Corning Category: Roofing Subcategory: Underlayments	Robert J. M. Nieminen, PE (203) 596-7884	Approved
FL2276-R1	Revision	Owens Corning	Robert J. M.	Approved

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<u>History</u>		Category: Roofing Subcategory: Cements-Adhesives-Coatings	Nieminen, PE (203) 596-7884	
<u>FL3349-R1 History</u>	Revision	Owens Corning Category: Roofing Subcategory: Underlayments	Robert J. M. Nieminen, PE (203) 596-7884	Approved
<u>FL3663-R1 History</u>	Revision	Owens Corning Category: Roofing Subcategory: Asphalt Shingles		Approved
<u>FL5289</u>	New	Owens Corning Category: Roofing Subcategory: Other		Approved
<u>FL6221</u>	New	Owens Corning Category: Roofing Subcategory: Underlayments	Robert J. M. Nieminen, PE (203) 596-7884	Approved
<u>FL6242</u>	New	Owens Corning Category: Roofing Subcategory: Roofing Insulation		Approved
<u>FL6397</u>	New	Owens Corning Category: Roofing Subcategory: Roofing Accessories that are an Integral Part of the Roofing System		Approved

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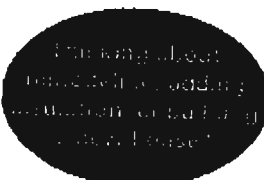


WeatherGuard® HP Shingles

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Current zip code

28147



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 Owens Corning

WeatherGuard® HP shingles face storms with style. This innovative product features a patented composite construction to ensure severe weather resistance, and superior granule retention to extend the life of the shingles. WeatherGuard HP shingles meet the highest standards for impact resistance - UL 2218, Class 4 and may qualify homeowners for a premium discount from many insurance companies†. WeatherGuard HP shingles come in a palette of 6 popular color blends with a soft, textured appearance and are backed by a 40-year limited product warranty with 10-year Tru PROtection® coverage including 10-year algae resistance protection. WeatherGuard HP shingles carry a 130 mph wind resistance limited warranty when installed with WeatherGuard HP Hip & Ridge shingles*.



SHB

[3-Part Specification](#)
[Data Sheet](#)
[Installation Instructions](#)

Nominal Size: 13 1/4" x 39 3/8"
 Exposure: 5 5/8"
 Shingles per Square: 64
 Bundles per Square: 4
 Coverage per Square: 98.4 sq. ft.

ASTM D 228
 ASTM D 3018, Type I
 ASTM D 3161
 ASTM D 3462
 ASTM E 108, Class A
 UL 790, Class A
 UL 997
 UL 2218, Class 4

Add to my Personal Project File

†Homeowners should check with their insurance company to see if they qualify.
 *See actual warranty for details, limitations and requirements.



PRODUCT SPECIFICATION – WEATHERGUARD® HP

Section 07311 Fiber glass-based Asphalt Shingles.

PART 1 – GENERAL

Related Sections

- A. Rough Carpentry Section 06100.
- B. Roof and Deck Insulation Section 07240 for insulation placed over roof decking.

Notes to Specifier:

1. Underlayment and shingles installed directly over roof insulation or similar type decks is not approved.
2. Roof deck must be dry, minimum 25/32" thick, maximum 6" wide boards, or APA rated sheathing (exposure 1); minimum 3/8" plywood, minimum 7/16" oriented strand board or waferboard. Consult your Owens Corning representative for other approved constructions.
3. Ventilation under roof deck must meet FHA Minimum Property Standards.
- C. Flashing and Sheet Metal: Section 07600. For snow guards, metal flashing and drip edges, including step-type flashing installed with shingles.
- D. Roof Accessories: Section 07800.
Accessories.
 1. RAFT-R-MATE® UL® Listed
 2. Soffits
 3. VentSure® Ventilation Products
 4. Hip & Ridge Shingles
 5. WeatherLock®

Standards and Building Codes

- A. ASTM D 224 -Standard Specification for Smooth-Surfaced Asphalt Roll Roofing.
- B. ASTM D 226 – Standard Specification for Asphalt-Saturated Organic Felt used in Roofing and Waterproofing.
- C. ASTM D 3018 – Standard Specification for Class A Shingles Surfaced with Mineral Granules.
- D. ASTM D 3161 – Standard Test Method for Wind-Resistance of Asphalt Shingles (Fan-Induced Method).
- E. ASTM D 3462 – Standard Specification for Asphalt Shingles Made from Glass felt and Surfaced with Mineral Granules.
- F. ASTM D 4586 – Standard Specification for Asphalt Roof Cement, Asbestos –Free.
- G. ASTM D 4869 – Standard Specification for Asphalt –Saturated Organic Felt Shingle Underlayment Used in roofing.
- H. ASTM D 6757 - Standard Specification for Inorganic Underlayment for Use with Steep Slope Roofing
- I. ASTM E 108 – Standard Test Methods for Fire Tests of Roof Coverings.

Quality Assurance

- A. Shingles shall carry Underwriter's Laboratories Labels:
 - 1. UL® 790, Class A Fire Resistance
 - 2. UL® 997, Wind Resistance
 - 3. UL® 2218, Class 4 Impact Resistance
 - 4. ASTM D3462
- B. Install shingles to meet requirements of published Owens Corning instructions.

Submittals

- A. Manufacturer color sample showing full range of colors available for specified products.
- B. Product literature and recommended installation procedures.
- C. Owens Corning Limited Warranty *

Delivery, Storage, and Handling

- A. Deliver materials to site in manufacturer's unopened bundles with labels intact and legible.
- B. Handle and store materials on site to prevent damage. Store in a covered ventilated area at a maximum temperature of 110°F.
- C. Do not stack product more than 2 pallets high. If stacking 2 pallets high, use separator boards to protect the shingles below.
- D. Roof Top Loading: Lay shingle bundles flat. Do not bend over the ridge.

Project Conditions

- A. Proceed with installing shingles only when weather is appropriate for a quality installation.
- B. Do not install underlayment or shingles on wet surfaces.

Warranty

- A. Materials: Owens Corning 40-year Limited Product Warranty* terms and conditions apply.

PART 2 – PRODUCTS

Asphalt Shingles

Owens Corning WeatherGuard® HP fiber glass-based asphalt shingles complying with ASTM specifications E 108 Class A or UL 790 Class A, D 3462, D 3161 or UL 997, D 3018 Type I, D 228, and UL 2218, Class 4, ICBO ES ER 5443. Metro Dade County Approved, State of Florida Approved.

WeatherGuard® HP Shingle Product Specification

Nominal Size:	13 1/4" x 39 3/8"
Exposure:	5 5/8"
Shingles per Square:	64
Bundles per Square:	4 bundles of 16 shingles
Coverage per Square:	98.4 sq. ft.

Ventilation

Owens Corning VentSure Roof vents

- 1. VentSure™ Gable vents,
- 2. VentSure Undereave vents,
- 3. VentSure Miniature vents,
- 4. VentSure Foundation vents.

* Use of Shingle-over vent will affect the impact resistance classification of the WeatherGuard HP Hip & Ridge Shingle; use off-ridge ventilation products as an alternative.

Waterproofing Underlayment

Owens Corning waterproofing underlayment "WeatherLock" self-adhesive waterproofing underlayment, fiber glass reinforced with SBS modified asphalt, UL Listed.

1. WeatherLock® Mat,
2. WeatherLock® G
3. WeatherLock® P

Asphalt Felt Underlayment

Non-perforated, [Type I, No. 15] [Type II, no. 30], asphalt saturated felt complying with ASTM D 226 , ASTM D 4869, or ASTM D 6757.

Hip & Ridge Shingles

WeatherGuard® HP Hip and Ridge shingles must be used.

WeatherGuard® HP Hip & Ridge Product Specification

Nominal Size:	12"x12"
Exposure:	5"
Pieces per Carton:	52
Lineal Feet per Carton:	21.6 ft.

Fasteners

All fasteners must be driven flush with the shingle surface and penetrate at least 3/4" into the wood deck. Where the deck is less than 3/4" thick, the fastener should be long enough to penetrate fully and extend at least 1/8" through the roof deck.

Owens Corning recommends the use of nails as the preferred method of attaching shingles to wood decking or other nailable substrates. If staples are used they must be, corrosion resistant, zinc-coated, 16-gauge minimum with minimum 15/16" crown width. Staples must be long enough to penetrate at least 3/4" into solid decking, or extend a minimum of 1/8" through the APA-rated sheathing.

PART 3 – EXECUTION

Examination

Prior to starting work, examine all roof decks on which work is to be applied for defects in materials and workmanship which may be detrimental to the proper installation or long-term performance of the shingles.

Installation

Installation shall be in accordance with the Guide to Installing Asphalt Roofing Shingles published by Owens Corning and your local building codes.

Product styles and colors change over time, for current selection of products and colors in your area, please contact your Owens Corning representative.

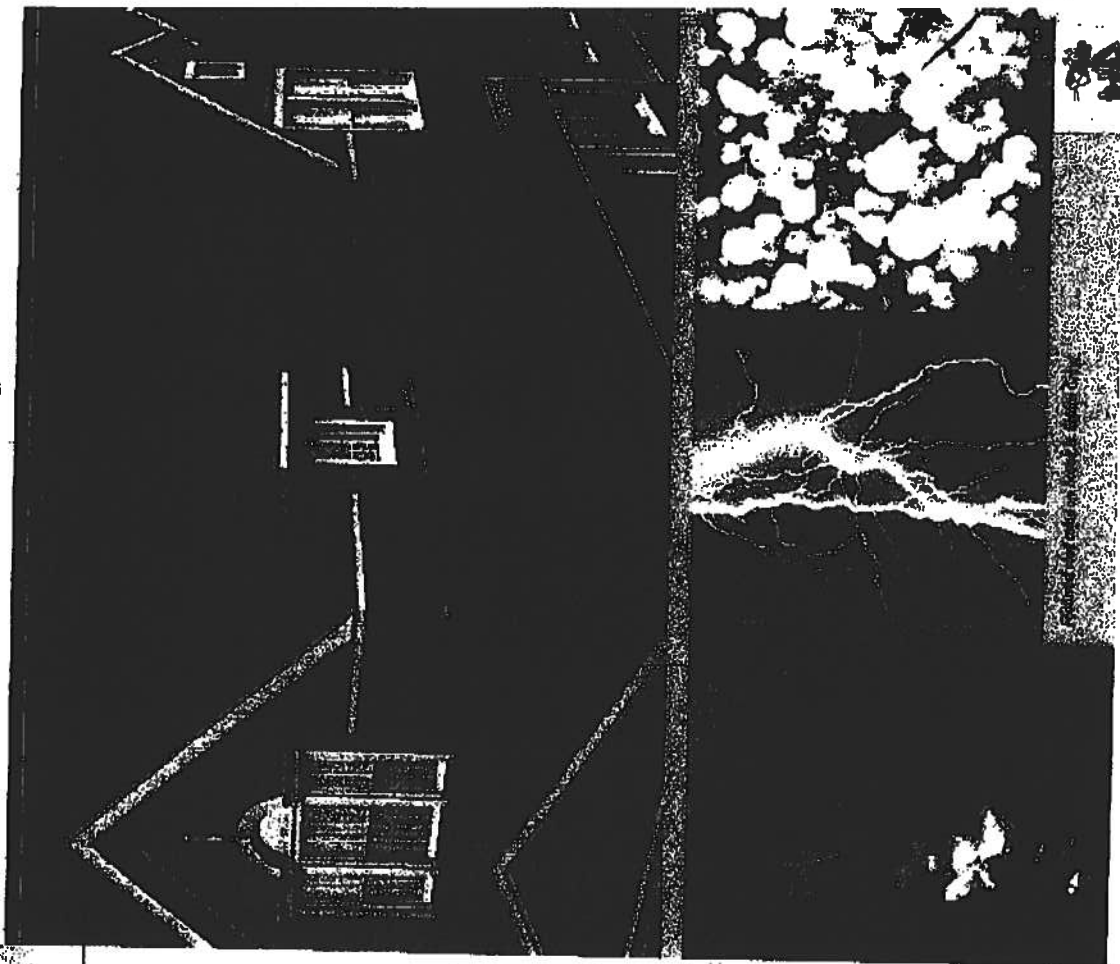
Owens Corning strives to accurately reproduce the images of shingles in this literature. However, due to manufacturing variances, the limitation of graphic reproduction and the variation in natural exterior lighting, actual shingle colors, and granule blends may vary from the images you see reproduced in this literature. For this reason, it is important to see an actual roofing sample or actual products installed on a home before making final color selection.

Available in the following plant service areas: Atlanta, Denver, Houston, Irving, Jacksonville, Jessup South, Memphis North, Memphis South, Minneapolis.

* See actual warranty for complete details.

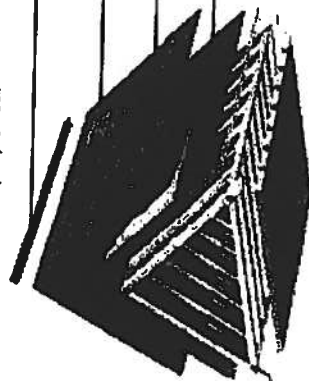
WEATHERGUARD® HP SHINGLES

with TruLoc™ Granite Retention Technology



PROTECT YOUR HOME FROM THE TOP DOWN WITH OUR COMPLETE ROOFING SYSTEM

Your roof is more than just shingles. It's a complete system that also requires hip & ridge shingles, ventilation, and waterproofing underlayment products. Each of these elements plays an important role in protecting your home, and they work together to ensure the beauty and durability of your roof.



WeatherGuard® HP Hip & Ridge Shingles

Vencure® Ventilation Products

WeatherGuard® HP Shingles

WeatherLock® Waterproofing Underlayment Products

WEATHERGUARD® HP HIP & RIDGE SHINGLES

Help protect ridge vents from weathering

- Cover your roof's ridge line
- Add extra protection and a more dimensional look
- Are compatible with all Owens Corning shingle products

VENCURE® VENTILATION PRODUCTS

Help prevent structural damage

- Reduce moisture condensation in winter and excessive heat in summer to help guard against premature aging and deck warping
- Help keep air moving through the attic, balancing outdoor and indoor temperatures

WEATHERGUARD® HP SHINGLES

Provide protection and beauty

- Function best when used as part of a complete roofing system
- Moisture resistant with a weathering-grade asphalt coating
- Offer structural durability with a strong Fiberglas® mat core

WEATHERGUARD® WATERPROOFING UNDERLAYMENT PRODUCTS

Reduce roof deck damage

- Act as a protective layer between your roof deck and shingles
- Are scientifically engineered to provide a solution to every application need with four uniquely designed waterproofing underlayments

WeatherGuard® HP Shingles Product Specifications	
Standard Size:	12" x 18"
Weight:	250
Shingles per Square:	20
Bundle per Square:	4
Coverage per Square:	100 sq. ft.
WeatherGuard® HP Shingles Applicable Standards & Codes	
UL 2218, Class 4	ASTM D 3181, Type I
ASTM D 1907	ASTM D 3181, Type II
ASTM D 1907, Class A	UL 2218, Class 4
ASTM D 3181	UL 2218, Class 4
WeatherGuard® HP Hip & Ridge Shingles Product Specifications	
Standard Size:	12" x 18"
Weight:	250
Shingles per Square:	20
Bundle per Square:	4
Coverage per Square:	100 sq. ft.
WeatherGuard® HP Hip & Ridge Shingles Applicable Standards & Codes	
UL 2218, Class 4	UL 2218, Class 4
UL 2218, Class 4	UL 2218, Class 4

Roofing for Professionals
All Owens Corning shingles are tested to meet or exceed applicable standards ensuring the coverage and value retention.

OWENS CORNING WORLDWIDE HEADQUARTERS
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43686

OWENS CORNING WORLDWIDE HEADQUARTERS
P.O. Box 1000, Toledo, OH 43686
Phone: 419.243.1000, Fax: 419.243.1001
E-mail: owenscorning@owenscorning.com
Website: www.owenscorning.com

2-6 10-43002-A

Residential System Sizing Calculation

Summary

Jake Kirsch
Lake City, FL

Project Title:
Jake Kirsch Residence

Code Only
Professional Version
Climate: North

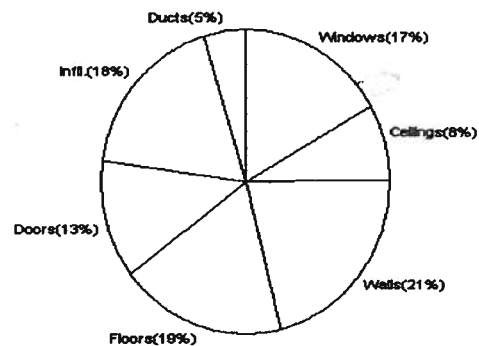
9/5/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	41257 Btuh	Total cooling load calculation	37366 Btuh
Submitted heating capacity	42000 Btuh	Submitted cooling capacity	42000 Btuh
Submitted as % of calculated	101.8 %	Submitted as % of calculated	112.4 %

WINTER CALCULATIONS

Winter Heating Load (for 2536 sqft)

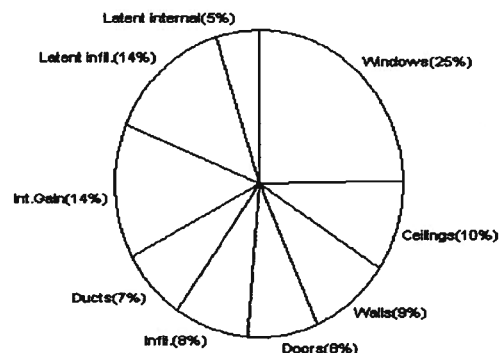
Load component		Load	
Window total	247 sqft	6981	Btuh
Wall total	2440 sqft	8780	Btuh
Door total	300 sqft	5320	Btuh
Ceiling total	2536 sqft	3297	Btuh
Floor total	242 ft	7647	Btuh
Infiltration	169 cfm	7267	Btuh
Subtotal		39293	Btuh
Duct loss		1965	Btuh
TOTAL HEAT LOSS		41257	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2536 sqft)

Load component		Load	
Window total	247 sqft	9274	Btuh
Wall total	2440 sqft	3371	Btuh
Door total	300 sqft	3042	Btuh
Ceiling total	2536 sqft	3601	Btuh
Floor total		0	Btuh
Infiltration	148 cfm	2935	Btuh
Internal gain		5400	Btuh
Subtotal(sensible)		27623	Btuh
Duct gain		2762	Btuh
Total sensible gain		30386	Btuh
Latent gain(infiltration)		5141	Btuh
Latent gain(internal)		1840	Btuh
Total latent gain		6981	Btuh
TOTAL HEAT GAIN		37366	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *[Signature]*

DATE: 9-1-06

Manual J Winter Calculations

Residential Load - Component Details (continued)

Jake Kirsch

Project Title:
Jake Kirsch Residence

Code Only
Professional Version
Climate: North

Lake City, FL

9/5/2006

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

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

System Sizing Calculations - Winter

Residential Load - Component Details

Jake Kirsch

Project Title:
Jake Kirsch Residence

Code Only
Professional Version
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

9/5/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
2	2, Clear, Metal, DEF	N	45.0	28.3	1274 Btuh
3	2, Clear, Metal, DEF	W	12.0	28.3	340 Btuh
4	2, Clear, Metal, DEF	E	22.5	28.3	637 Btuh
5	2, Clear, Metal, DEF	E	9.0	28.3	255 Btuh
6	2, Clear, Metal, DEF	E	20.0	28.3	566 Btuh
7	2, Clear, Metal, DEF	S	25.0	28.3	708 Btuh
8	2, Clear, Metal, DEF	S	28.0	28.3	792 Btuh
9	2, Clear, Metal, DEF	S	16.7	28.3	472 Btuh
10	2, Clear, Metal, DEF	S	20.0	28.3	566 Btuh
11	2, Clear, Metal, DEF	W	20.0	28.3	566 Btuh
12	2, Clear, Metal, DEF	W	13.5	28.3	382 Btuh
Window Total			247		6981 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Adjacent	13.0	320	1.6	512 Btuh
2	Concrete - Exterior	9.0	2120	3.9	8268 Btuh
Wall Total			2440		8780 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		192	18.3	3519 Btuh
2	Insulated - Exter		64	18.3	1173 Btuh
3	Insulated - Exter		24	18.3	440 Btuh
4	Insulated - Adjac		20	9.4	188 Btuh
Door Total			300		5320 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2536	1.3	3297 Btuh
Ceiling Total			2536		3297 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	242.0 ft(p)	31.6	7647 Btuh
Floor Total			242		7647 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	25360(sqft)	169	7267 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				169	7267 Btuh

Totals for Heating	Subtotal	39293 Btuh
	Duct Loss(using duct multiplier of 0.05)	1965 Btuh
	Total Btuh Loss	41257 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Jake Kirsch
Lake City, FL

Project Title:
Jake Kirsch Residence

Code Only
Professional Version
Climate: North

9/5/2006

Totals for Cooling	Subtotal	27623 Btuh
	Duct gain(using duct multiplier of 0.10)	2762 Btuh
	Total sensible gain	30386 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	5141 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	37366 Btuh

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

System Sizing Calculations - Summer

Residential Load - Component Details

Jake Kirsch

Project Title:
Jake Kirsch Residence

Code Only
Professional Version
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

9/5/2006

Window	Type		Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh	Omt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	2	6	15.0	0.0	15.0	22	22	330	Btuh
2	2, Clear, DEF, N, N	N	8	6	45.0	0.0	45.0	22	22	990	Btuh
3	2, Clear, DEF, N, N	W	12	6	12.0	12.0	0.0	22	72	264	Btuh
4	2, Clear, DEF, N, N	E	2	6	22.5	3.0	19.5	22	72	1472	Btuh
5	2, Clear, DEF, N, N	E	2	4	9.0	2.0	7.0	22	72	549	Btuh
6	2, Clear, DEF, N, N	E	2	6	20.0	1.3	18.7	22	72	1374	Btuh
7	2, Clear, DEF, N, N	S	10	7	25.0	25.0	0.0	22	37	550	Btuh
8	2, Clear, DEF, N, N	S	8	6	28.0	28.0	0.0	22	37	616	Btuh
9	2, Clear, DEF, N, N	S	2	6	16.7	8.3	8.3	22	37	492	Btuh
10	2, Clear, DEF, N, N	S	2	6	20.0	20.0	0.0	22	37	440	Btuh
11	2, Clear, DEF, N, N	W	2	6	20.0	1.3	18.7	22	72	1374	Btuh
12	2, Clear, DEF, N, N	W	2	4	13.5	3.0	10.5	22	72	824	Btuh
Window Total					247					9274	Btuh
Walls	Type	R-Value			Area			HTM		Load	
1	Frame - Adjacent	13.0			320.0			1.0		333	Btuh
2	Concrete - Exterior	9.0			2120.0			1.4		3039	Btuh
Wall Total					2440.0					3371	Btuh
Doors	Type				Area			HTM		Load	
1	Insulated - Exter				192.0			10.1		1947	Btuh
2	Insulated - Exter				64.0			10.1		649	Btuh
3	Insulated - Exter				24.0			10.1		243	Btuh
4	Insulated - Adjac				20.0			10.1		203	Btuh
Door Total					300.0					3042	Btuh
Ceilings	Type/Color	R-Value			Area			HTM		Load	
1	Under Attic/Dark	30.0			2536.0			1.4		3601	Btuh
Ceiling Total					2536.0					3601	Btuh
Floors	Type	R-Value			Size			HTM		Load	
1	Slab-On-Grade Edge Insulation	0.0			242.0 ft(p)			0.0		0	Btuh
Floor Total					242.0					0	Btuh
Infiltration	Type	ACH			Volume			CFM=		Load	
	Natural	0.35			25360			148.2		2935	Btuh
	Mechanical							0		0	Btuh
Infiltration Total								148		2935	Btuh
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	8			X 300 +			3000		5400 Btuh		

EFFECTIVE MARCH 1, 2002

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u>
		a) Dimensions of lot
		b) Dimensions of building set backs
		c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
		d) Provide a full legal description of property.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u>
		a) Plans or specifications must state compliance with FBC Section 1606
		b) The following information must be shown as per section 1606.1.7 FBC
		a. Basic wind speed (MPH)
		b. Wind importance factor (I) and building category
		c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
		d. The applicable internal pressure coefficient
		e. Components and Cladding. The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☐	<u>Elevations including:</u>
☒	☐	a) All sides
☒	☐	b) Roof pitch
☒	☐	c) Overhang dimensions and detail with attic ventilation
☒	☐	d) Location, size and height above roof of chimneys
☒	☐	e) Location and size of skylights
☒	☐	f) Building height
☒	☐	g) Number of stories

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Floor Plan including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accesssable bathroom)

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel

Roof System:

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termicide or alternative method)
 - 10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

☒☐**b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiteicide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

☐☐**c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)****Floor Framing System:**

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout**Electrical layout including:**

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment

HVAC Information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)**Gas System Type (LP or Natural) Location and BTU demand of equipment****Disclosure Statement for Owner Builders****Notice Of Commencement****Private Potable Water**

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐

Warranty Deed

THIS WARRANTY DEED made the 24th day of August A.D. 2006

CURT D. CADY and his wife, KATHIE CADY

hereinafter called the grantor, to

Jacob Kirsch and his wife, Laura Kirsch

whose post office address is: 196 SW Huntsview Way, Lake City, FL 32024

hereinafter called the grantee:

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

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, alien, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

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

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

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

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

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

Signed, sealed and delivered in our presence:

Witness: Craig Nicholson
Witness: Jonathan Quinn

Curt D. Cady
CURT D. CADY
Kathie Cady
KATHIE CADY

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 24th day of August, 2006 by Curt D. Cady and his wife, Kathie Cady personally known to me or, if not personally known to me, who produced Driver's License for identification and who did not take an oath.

Notary Public

(Notary Seal)

Prepared by: Jacob Kirsch



Matthew Robou
My Commission DD160706
Expires September 17, 2009

Inst:2006021157 Date:08/06/2006 Time:10:12

Doc Stamp-Deed : 88.20

DC, P. DeWitt Cason, Columbia County B:1094 P:2890

Plant File Number: 06-1285

EXHIBIT "A"

Part of Lot 16, ROSE CREEK PLANTATION, PHASE II, according to the plat thereof, recorded in Plat Book 7, Page(s) 28 and 29, of the Public Records of COLUMBIA County, Florida more particularly described as follows:

Begin at the NE Corner of the NE 1/4 of the NW 1/4 of Section 12, Township 5 South, Range 16 East, also known as P.R.M. 12 as per said Plat and run S00°08'11" W., 139.72 feet, thence S88°30'50" W, 567.01 feet to a point on a curve of a curve having a radius of 1970.00 feet and an included angle of 02°41'07", thence run Northwesterly along the arc of said curve an arc distance of 91.33 feet to the Point of Reverse Curve having a radius of 1030.00 feet and an included angle of 05°40'22", thence run Northwesterly along the arc of said curve an arc distance of 101.98 feet; thence N89°18'35"E, 595.01 feet, thence S00°09'41" E, 43.95 feet to the POINT OF BEGINNING.

LESS AND EXCEPT the following described parcel:

A part of Lot 16, of ROSE CREEK PLANTATION, PHASE II, as per plat thereof recorded in Plat Book 7, Pages 28 and 29 of the Public Records of COLUMBIA County, Florida, more particularly described as follows: Commence at the NE corner of the NE 1/4 of the NW 1/4 of Section 12, Township 5 South, Range 16 East, also known as P.R.M. 12 as per said plat and run S 00 deg. 08'11"W, 139.72 feet to the Point of Beginning, thence S 88 deg. 30'50"W, 567.01 feet to a point on a curve of a curve having a radius of 1970.00 feet and an included angle of 05 deg. 40'30"; thence run Southeasterly along the arc of said curve an arc distance of 195.12 feet; thence S 90 deg. 00'00" E, 526.83 feet; thence N 00 deg. 08'11"W, 205.71 feet to the Point of Beginning.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Jake Kirsch Residence	Builder:	Compass Builders
Address:	Lot: 16, Sub: Rose Ck Plant, Plat:	Permitting Office:	Columbia
City, State:	Lake City, FL	Permit Number:	25024
Owner:	Jake Kirsch	Jurisdiction Number:	221008
Climate Zone:	North		

1. New construction or existing	New	—
2. Single family or multi-family	Single family	—
3. Number of units, if multi-family	1	—
4. Number of Bedrooms	4	—
5. Is this a worst case?	Yes	—
6. Conditioned floor area (ft²)	2536 ft²	—
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		—
a. U-factor:	Description Area	—
(or Single or Double DEFAULT) 7a. (Dble Default)	195.8 ft²	—
b. SHGC:		—
(or Clear or Tint DEFAULT) 7b. (Clear)	195.8 ft²	—
8. Floor types		—
a. Slab-On-Grade Edge Insulation	R=0.0, 242.0(p) ft	—
b. N/A		—
c. N/A		—
9. Wall types		—
a. Frame, Wood, Adjacent	R=13.0, 320.0 ft²	—
b. Concrete, Int Insul, Exterior	R=9.0, 2120.0 ft²	—
c. N/A		—
d. N/A		—
e. N/A		—
10. Ceiling types		—
a. Under Attic	R=30.0, 2536.0 ft²	—
b. N/A		—
c. N/A		—
11. Ducts		—
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 135.0 ft	—
b. N/A		—
12. Cooling systems		—
a. Central Unit	Cap: 42.0 kBtu/hr	—
	SEER: 13.00	—
b. N/A		—
c. N/A		—
13. Heating systems		—
a. Electric Heat Pump	Cap: 42.0 kBtu/hr	—
	HSPF: 7.20	—
b. N/A		—
c. N/A		—
14. Hot water systems		—
a. Electric Resistance	Cap: 50.0 gallons	—
	EF: 0.92	—
b. N/A		—
c. Conservation credits		—
(HR-Heat recovery, Solar		—
DHP-Dedicated heat pump)		—
15. HVAC credits		—
(CF-Ceiling fan, CV-Cross ventilation,		—
HF-Whole house fan,		—
PT-Programmable Thermostat,		—
MZ-C-Multizone cooling,		—
MZ-H-Multizone heating)		—

Glass/Floor Area: 0.10

Total as-built points: 33574

Total base points: 41194

PASS

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

PREPARED BY: [Signature]

DATE: 9-1-06

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

OWNER/AGENT: [Signature]

DATE: 9-8-06

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

BUILDING OFFICIAL: _____

DATE: _____



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

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Rose Ck Plant, Plat: , Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Rose Ck Plant, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X
Number of		Multiplier	=	Total	Volume	Bedrooms		Ratio	Credit = Total
Bedrooms									Multiplier
4		2635.00		10540.0	50.0	0.92	4	1.00	2635.00
									1.00
									10540.0
				As-Built Total:					10540.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
15382		15272		10540		41194	8553		14481
									10540
									33574

PASS



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

ADDRESS: Lot: 16, Sub: Rose Ck Plant, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
2536.0 -0.59 -1496.2				2536.0 -0.59 -1496.2			
Winter Base Points: 24341.9				Winter As-Built Points: 26309.5			
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
24341.9 0.6274 15272.1				(sys 1: Electric Heat Pump 42000 btuh ,EFF(7.2) Ducts:Unc(S),Unc(R),Int(AH),R6.0 26309.5 1.000 (1.089 x 1.169 x 0.93) 0.474 1.000 14481.4 26309.5 1.00 1.162 0.474 1.000 14481.4			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Rose Ck Plant, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ormt Len Hgt		Area X WPM X WOF = Points				
.18	2636.0	12.74	5816.6	Double, Clear	N	2.0	6.0	15.0	24.58	1.00	370.4
				Double, Clear	N	8.0	6.0	45.0	24.58	1.02	1129.8
				Double, Clear	W	12.0	6.0	12.0	20.73	1.22	304.0
				Double, Clear	E	2.0	6.0	22.5	18.79	1.06	448.4
				Double, Clear	E	2.0	4.0	9.0	18.79	1.12	189.4
				Double, Clear	E	2.0	6.0	20.0	18.79	1.06	398.6
				Double, Clear	S	10.0	7.0	25.0	13.30	3.22	1070.9
				Double, Clear	S	8.0	6.0	28.0	13.30	3.15	1172.6
				Double, Clear	S	2.0	6.0	16.7	13.30	1.26	278.9
				Double, Clear	S	2.0	6.0	20.0	13.30	1.26	334.7
				Double, Clear	W	2.0	6.0	20.0	20.73	1.04	432.3
				Double, Clear	W	2.0	4.0	13.5	20.73	1.08	303.3
				As-Built Total:		246.7			6433.3		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	320.0	3.60	1152.0	Frame, Wood, Adjacent	13.0		320.0	3.30	1056.0		
Exterior	2120.0	3.70	7844.0	Concrete, Int Insul, Exterior	9.0		2120.0	3.80	8056.0		
Base Total:		2440.0	8996.0	As-Built Total:		2440.0			9112.0		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	20.0	11.50	230.0	Exterior Insulated				192.0	8.40	1612.8	
Exterior	280.0	12.30	3444.0	Exterior Insulated				64.0	8.40	537.6	
				Exterior Insulated				24.0	8.40	201.6	
				Adjacent Insulated				20.0	8.00	160.0	
Base Total:		300.0	3674.0	As-Built Total:		300.0			2512.0		
CEILING TYPESArea X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2536.0	2.05	5198.8	Under Attic	30.0		2536.0	2.05 X 1.00	5198.8		
Base Total:		2536.0	5198.8	As-Built Total:		2536.0			5198.8		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	242.0(p)	8.9	2153.8	Slab-On-Grade Edge Insulation	0.0		242.0(p)	18.80	4549.6		
Raised	0.0	0.00	0.0								
Base Total:		2163.8	As-Built Total:	242.0			4549.6				

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Rose Ck Plant, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
2536.0 10.21 25892.6				2536.0 10.21 25892.6			
Summer Base Points: 36057.7				Summer As-Built Points: 28633.4			
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
36057.7 0.4266 15382.2				(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R8.0(INS) 28633 1.00 (1.09 x 1.147 x 0.91) 0.263 1.000 8552.6 28633.4 1.00 1.138 0.263 1.000 8552.6			

(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Rose Ck Plant, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2536.0	20.04	9147.9	Double, Clear	N	2.0	6.0	15.0	19.20	0.90	259.2
				Double, Clear	N	8.0	6.0	45.0	19.20	0.87	577.6
				Double, Clear	W	12.0	6.0	12.0	38.52	0.41	189.2
				Double, Clear	E	2.0	6.0	22.5	42.06	0.85	802.6
				Double, Clear	E	2.0	4.0	9.0	42.06	0.73	274.6
				Double, Clear	E	2.0	6.0	20.0	42.06	0.85	713.4
				Double, Clear	S	10.0	7.0	25.0	35.87	0.48	428.5
				Double, Clear	S	8.0	6.0	28.0	35.87	0.48	486.1
				Double, Clear	S	2.0	6.0	16.7	35.87	0.78	483.9
				Double, Clear	S	2.0	6.0	20.0	35.87	0.78	556.7
				Double, Clear	W	2.0	6.0	20.0	38.52	0.85	654.4
				Double, Clear	W	2.0	4.0	13.5	38.52	0.73	379.6
				As-Built Total:				246.7	5785.9		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	320.0	0.70	224.0	Frame, Wood, Adjacent	13.0		320.0	0.60	192.0		
Exterior	2120.0	1.70	3604.0	Concrete, Int Insul, Exterior	9.0		2120.0	0.55	1166.0		
Base Total: 2440.0 3828.0				As-Built Total:		2440.0		1368.0			
DOOR TYPES Area X BSPM = Points				Type			Area X SPM = Points				
Adjacent	20.0	2.40	48.0	Exterior Insulated			192.0	4.10	787.2		
Exterior	280.0	6.10	1708.0	Exterior Insulated			64.0	4.10	262.4		
				Exterior Insulated			24.0	4.10	98.4		
				Adjacent Insulated			20.0	1.60	32.0		
Base Total: 300.0 1756.0				As-Built Total:		300.0		1189.0			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2536.0	1.73	4387.3	Under Attic	30.0		2536.0	1.73 X 1.00	4387.3		
Base Total: 2536.0 4387.3				As-Built Total:		2536.0		4387.3			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	242.0(p)	-37.0	-8954.0	Slab-On-Grade Edge Insulation	0.0		242.0(p)	-41.20	-9970.4		
Raised	0.0	0.00	0.0								
Base Total: -8954.0				As-Built Total:		242.0		-9970.4			

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.8

The higher the score, the more efficient the home.

Jake Kirsch, Lot: 16, Sub: Rose Ck Plant, Plat: , Lake City, FL,

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	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2536 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 195.8 ft ²		HSPF: 7.20
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 195.8 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 242.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Adjacent	R=13.0, 320.0 ft ²	(HR-Heat recovery, Solar	
b. Concrete, Int Insul, Exterior	R=9.0, 2120.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2536.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 135.0 ft		
b. N/A			

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



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

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

FROM :

FAX NO. : 386-755-7022

Sep. 17 2002 01:52PM P1

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (804) 783-1824
FAX (804) 783-7022
LAKE CITY, FLORIDA 33855
904 NW Main Blvd.

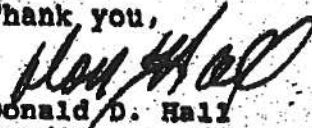
June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

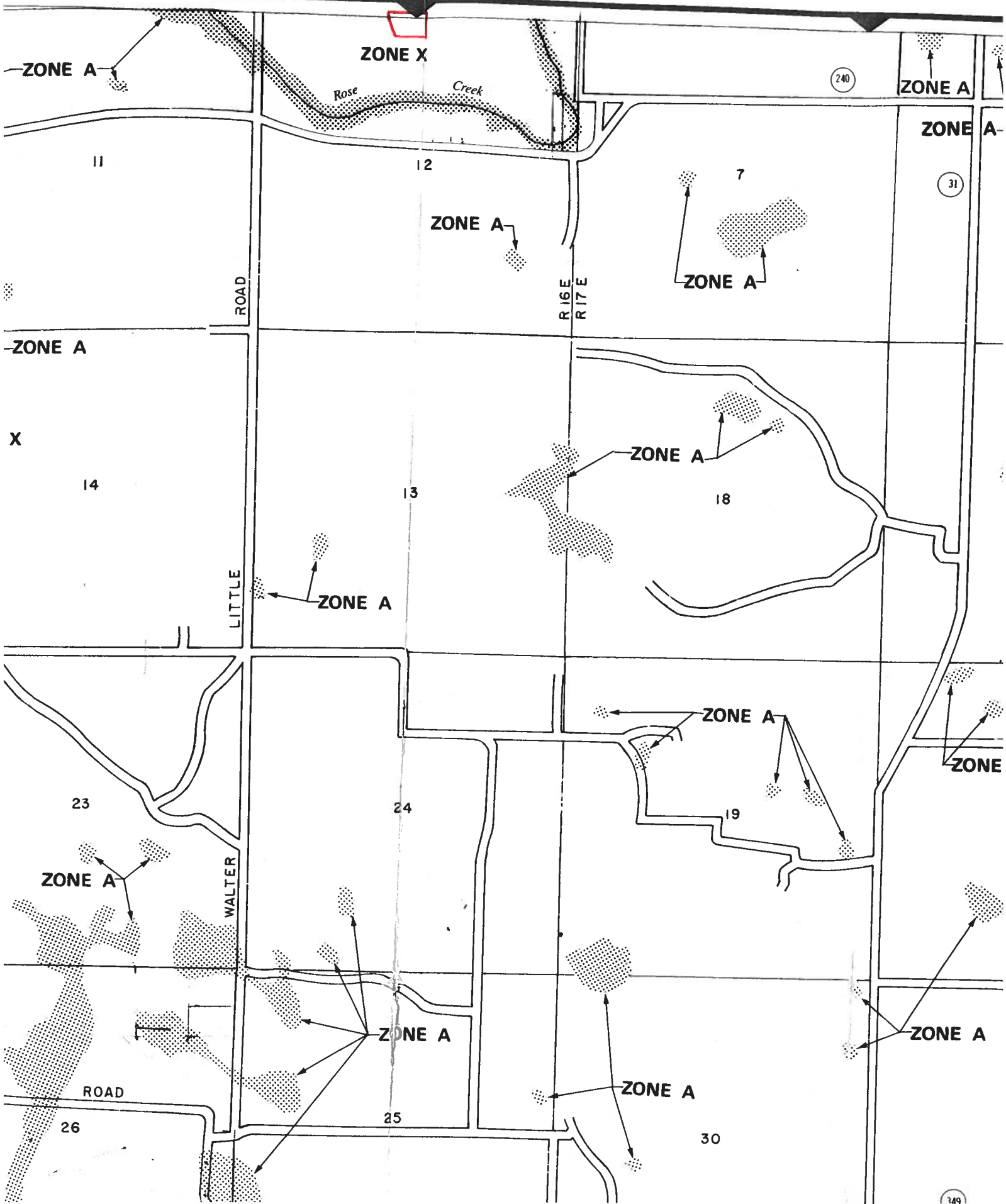
Thank you,


Donald D. Hall
DDH/jk

0609-37

G

H



SEP-14-2006 17:48 FROM:

TO: 97522282

P.2

Jake Kirsch 9/11

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 9/8/2006 DATE ISSUED: 9/14/2006

ENHANCED 9-1-1 ADDRESS:

577 SW STONERIDGE DR

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

12-5S-16-03406-116

Remarks:

LOCATED ON NORTH PART OF LOT 16 ROSE CREEK PLANTATION
PHASE 2

Address Issued By:


Columbia County 9-1-1 Addressing / GIS Department

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

408

**COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED**

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001216

DATE 09/26/2006 PARCEL ID # 12-5S-16-03406-116
APPLICANT MELANIE RODER PHONE 2-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER JACOB KIRSCH PHONE 344-4817
ADDRESS 577 SW STONERIDGE DR LAKE CITY FL 32024
CONTRACTOR JAKE KIRSCH PHONE 344-4817
LOCATION OF PROPERTY 47S, TL ON WALTER LITTLE, TL ON STONE RIDGE DR.,
13TH LOT ON LEFT, ACROSS FROM HIGH POINT GLEN
SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROSE CREEK PLANT 16

SIGNATURE Melanie Roder

INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

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

Amount Paid 25.00



CERTIFICATE OF OCCUPANCY

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 12-5S-16-03406-116

Building permit No. 000025029

Use Classification SFD, UTILITY

Fire: 57.78

Permit Holder JAKE KIRSCH

Waste: 150.75

Owner of Building JACOB KIRSCH

Total: 208.53

Location: 577 SW STONERIDGE DR, LAKE CITY, FL

Date: 01/16/2008



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Project Information for:		L202555		Date: 8/10/2006			
Builder:		COMPASS BUILDERS		Start Number: 1151			
Lot:		LOT 1 ROSE CREEK		SEI Ref: L202555			
Subdivision:		N/A					
County or City:		COLUMBIA COUNTY					
Truss Page Count:		73					
Truss Design Load Information (UNO)				Design Program: MiTek			
Gravity		Wind		Building Code: FBC2004			
Roof (psf):	50	Wind Standard:	ASCE 7-02				
Floor (psf):	55	Wind Speed (mph):	110				
Note: See individual truss drawings for special loading conditions							
Building Designer, responsible for Structural Engineering: (See attached)							
KIRSCH, JACOB CHRISTOPHER CBC1253775							
Address: 1030 SW ROSSBROUGH CT #101							
LAKE CITY, FLORIDA 32025							
Designer: 75							
Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987							
Company: Structural Engineering and Inspections, Inc. EB 9196							
Address: 16105 N. Florida Ave, Ste B, Lutz, FL 33549							
Phone: 813-849-5769							
Notes:							
1. Truss Design Engineer is responsible for the individual trusses as components only.							
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI							
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.							
4. Trusses designed for vertical loads only, unless noted otherwise.							
5. Where hangers are shown, Carried Member hanger capacity per Simpson C-2006 (SYP/Full Nailing Value) as an individual component. Building Designer shall verify the suitability and use of Carrying Member hanger capacity.							
#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ2	0810061151	8/10/2006	41	T10	0810061191	8/10/2006
2	CJ2A	0810061152	8/10/2006	42	T11	0810061192	8/10/2006
3	CJ4	0810061153	8/10/2006	43	T12	0810061193	8/10/2006
4	CJ4A	0810061154	8/10/2006	44	T13	0810061194	8/10/2006
5	CJ5	0810061155	8/10/2006	45	T13	0810061195	8/10/2006
6	CJ5A	0810061156	8/10/2006	46	T14	0810061196	8/10/2006
7	CJ6	0810061157	8/10/2006	47	T15	0810061197	8/10/2006
8	CJ6A	0810061158	8/10/2006	48	T16	0810061198	8/10/2006
9	CJ6B	0810061159	8/10/2006	49	T17	0810061199	8/10/2006
10	CJ6C	0810061160	8/10/2006	50	T18	0810061200	8/10/2006
11	CJ6D	0810061161	8/10/2006	51	T19	0810061201	8/10/2006
12	CJ8	0810061162	8/10/2006	52	T20	0810061202	8/10/2006
13	CJ8A	0810061163	8/10/2006	53	T21	0810061203	8/10/2006
14	CJ8C	0810061164	8/10/2006	54	T22	0810061204	8/10/2006
15	CJ10	0810061165	8/10/2006	55	T23	0810061205	8/10/2006
16	CJ10A	0810061166	8/10/2006	56	T24	0810061206	8/10/2006
17	EJ3	0810061167	8/10/2006	57	T25	0810061207	8/10/2006
18	EJ3A	0810061168	8/10/2006	58	T26	0810061208	8/10/2006
19	EJ4	0810061169	8/10/2006	59	T27	0810061209	8/10/2006
20	EJ5	0810061170	8/10/2006	60	T28	0810061210	8/10/2006
21	EJ8	0810061171	8/10/2006	61	T29	0810061211	8/10/2006
22	EJ9	0810061172	8/10/2006	62	T30	0810061212	8/10/2006
23	EJ9A	0810061173	8/10/2006	63	T31	0810061213	8/10/2006
24	HJ5	0810061174	8/10/2006	64	T32	0810061214	8/10/2006
25	HJ5A	0810061175	8/10/2006	65	T33	0810061215	8/10/2006
26	HJ5B	0810061176	8/10/2006	66	T34	0810061216	8/10/2006
27	HJ7	0810061177	8/10/2006	67	T35	0810061217	8/10/2006
28	HJ11	0810061178	8/10/2006	68	T36	0810061218	8/10/2006
29	HJ13	0810061179	8/10/2006	69	T37	0810061219	8/10/2006
30	HJ13A	0810061180	8/10/2006	70	T38	0810061220	8/10/2006
31	T01	0810061181	8/10/2006	71	T39	0810061221	8/10/2006
32	T02	0810061182	8/10/2006	72	T40	0810061222	8/10/2006
33	T03	0810061183	8/10/2006	73	T41	0810061223	8/10/2006
34	T04	0810061184	8/10/2006				
35	T05	0810061185	8/10/2006				
36	T06	0810061186	8/10/2006				
37	T07	0810061187	8/10/2006				
38	T08	0810061188	8/10/2006				
39	T09	0810061189	8/10/2006				
40	T09	0810061190	8/10/2006				



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Licensee Details**Licensee Information**

Name: **KIRSCH, JACOB CHRISTOPHER (Primary Name)**
COMPASS BUILDERS & ASSOCIATES CORP (DBA Name)
 Main Address: **1030 SW ROSSBROUGH CT # 101**
LAKE CITY Florida 32025
 County: **COLUMBIA**

License Mailing:

License Location: **197 SW WATERFORD CT #106**
LAKE CITY FL 32025
 County: **COLUMBIA**

License Information

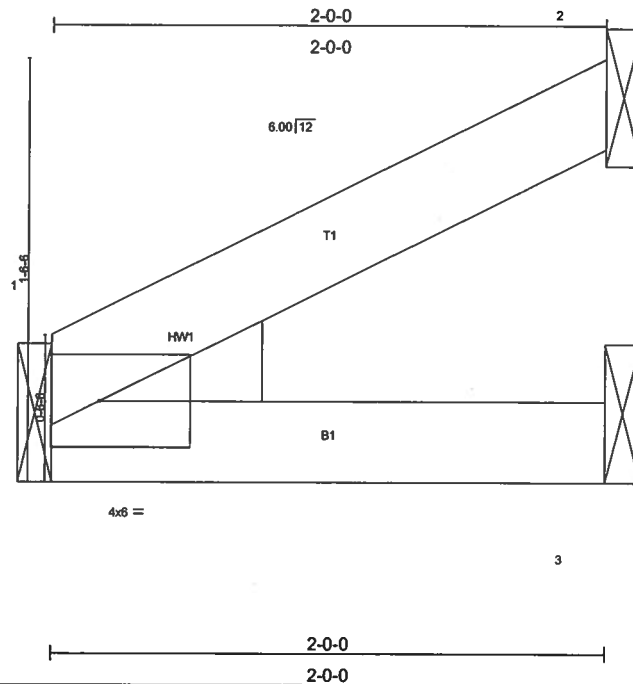
License Type: **Certified Building Contractor**
 Rank: **Cert Building**
 License Number: **CBC1253775**
 Status: **Current,Active**
 Licensure Date: **01/06/2006**
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Job	Truss	Truss Type	Qty	Ply	COMPASS BUILDERS GI-2536
L202555	CJ2	JACK	10	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6/20/05 Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:07 2006 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	L/def L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.06	Vert(LL) -0.00 1	>999 240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.04	Vert(TL) -0.00 1-3	>999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 2	n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)				
					Weight: 7 lb	

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

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

REACTIONS (lb/size) 3=30/Mechanical, 1=99/Mechanical, 2=69/Mechanical
Max Horz 1=56(load case 5)
Max Uplift3=-19(load case 3), 1=-39(load case 5), 2=-55(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-53/29
BOT CHORD 1-3=0/0

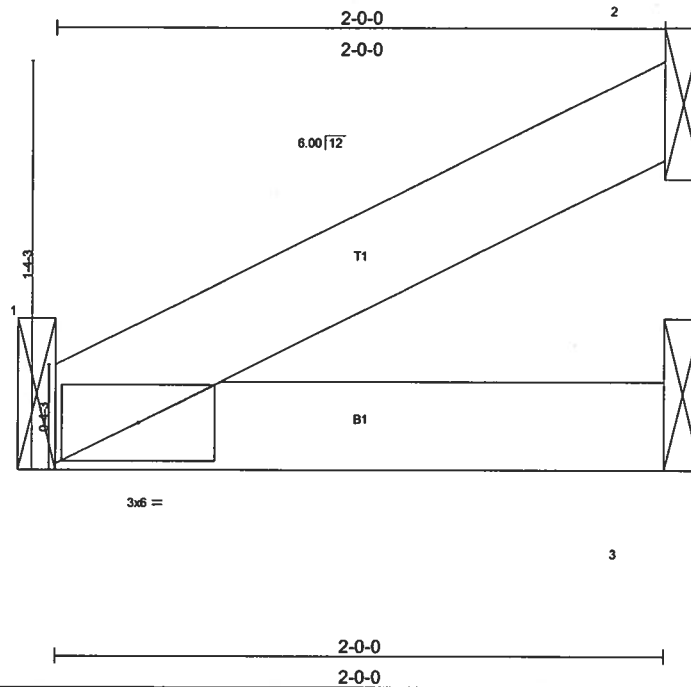
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 3, 39 lb uplift at joint 1 and 55 lb uplift at joint 2.

LOAD CASE(S) Standard

**AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L202555	Truss CJ2A	Truss Type JACK	Qty 8	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mittek Industries, Inc. Tue Aug 08 13:27:08 2006 Page 1



Scale = 1/7.2

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.06	Vert(LL)	-0.00	1	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.04	Vert(TL)	-0.00	1-3	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
									Weight: 7 lb	

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

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

REACTIONS (lb/size) 1=99/Mechanical, 3=30/Mechanical, 2=69/Mechanical
Max Horz 1=48(load case 5)
Max Uplift 1=44(load case 5), 3=19(load case 3), 2=50(load case 5)

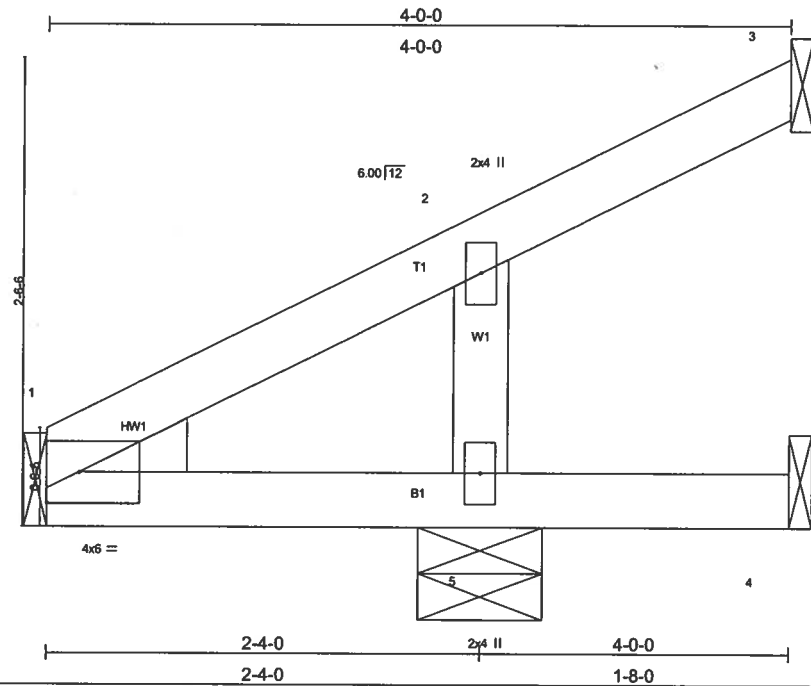
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=43/26
BOT CHORD 1-3=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 1, 19 lb uplift at joint 3 and 50 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L202555	Truss CJ4	Truss Type JACK	Qty 10	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:08 2006 Page 1		



Scale: 1"=1'

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.07	Vert(LL)	-0.00	1	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.06	Vert(TL)	-0.00	1-5	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.05	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
										Weight: 15 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 4-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=35/Mechanical, 4=15/Mechanical, 5=247/0-8-0, 1=92/Mechanical
 Max Horz 5=101(load case 5)
 Max Uplift 3=-23(load case 5), 5=-158(load case 5), 1=-10(load case 3)

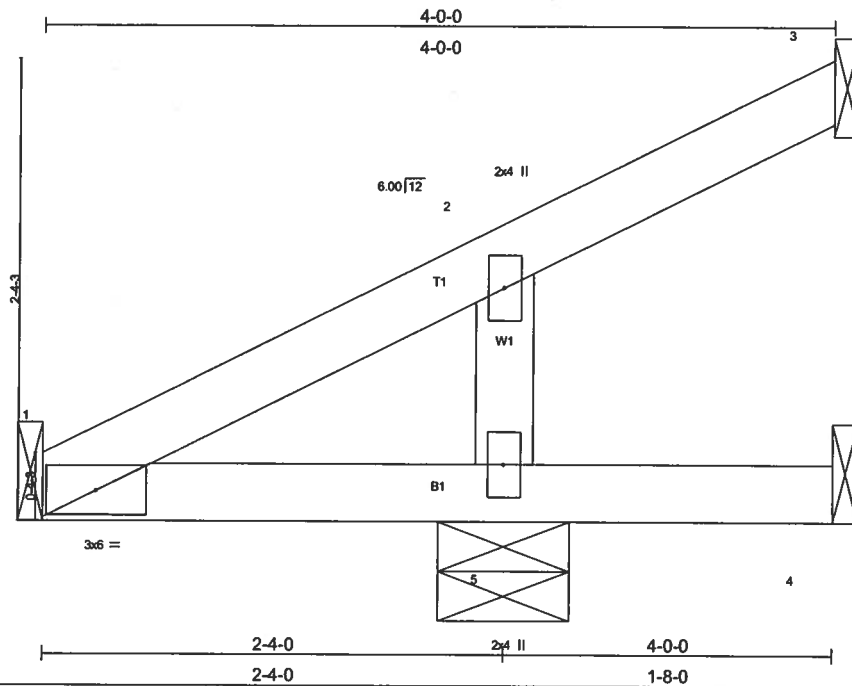
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-135/49, 2-3=-35/10
 BOT CHORD 1-5=-0/152, 4-5=0/0
 WEBS 2-5=-172/212

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 3, 158 lb uplift at joint 5 and 10 lb uplift at joint 1.

LOAD CASE(S) Standard

Job L202555	Truss CJ4A	Truss Type JACK	Qty 4	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:09 2006 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.07	Vert(LL)	-0.00	1	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.06	Vert(TL)	-0.00	1-5	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.05	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
										Weight: 14 lb

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

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

REACTIONS (lb/size) 1=92/Mechanical, 3=35/Mechanical, 4=15/Mechanical, 5=247/0-8-0
 Max Horz 5=93(load case 5)
 Max Uplift 1=-16(load case 5), 3=-24(load case 5), 5=-148(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-122/44, 2-3=-35/10
 BOT CHORD 1-5=-0/139, 4-5=0/0
 WEBS 2-5=-172/198

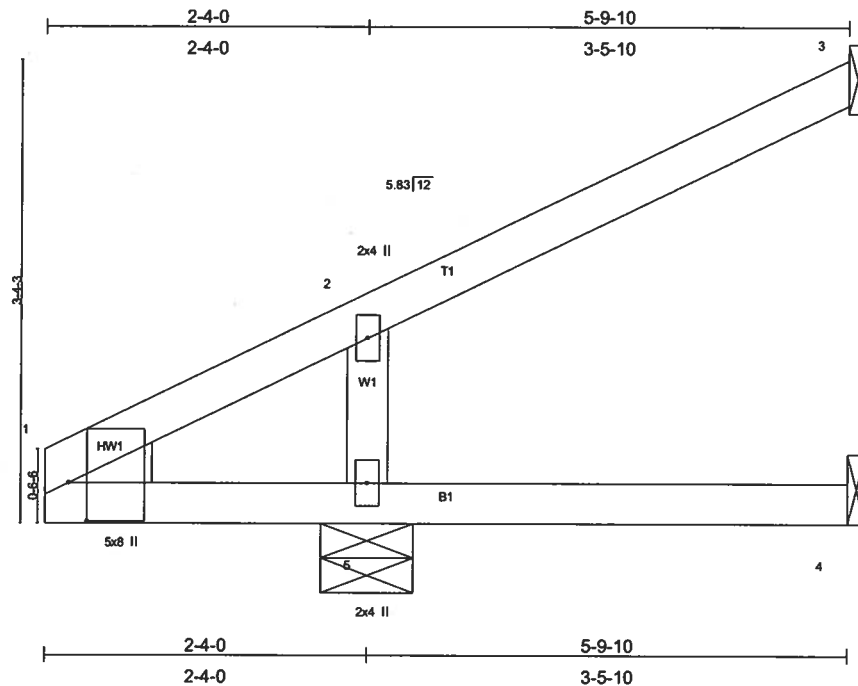
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 16 lb uplift at joint 1, 24 lb uplift at joint 3 and 148 lb uplift at joint 5.

LOAD CASE(S) Standard

Job L202555	Truss CJ5	Truss Type JACK	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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Scale: 3/4"=1'

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

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.29	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.23	Vert(TL)	0.01	4-5	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.07	Horz(TL)	-0.05	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
										Weight: 21 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 5-9-10 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=74/Mechanical, 4=16/Mechanical, 5=484/0-8-0
 Max Horz 5=139(load case 5)
 Max Uplift 3=-76(load case 5), 4=-44(load case 6), 5=-213(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-201/74, 2-3=-72/22
 BOT CHORD 1-5=0/205, 4-5=0/0
 WEBS 2-5=-311/282

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint 3, 44 lb uplift at joint 4 and 213 lb uplift at joint 5.

LOAD CASE(S) Standard

Job L202555	Truss CJ5A	Truss Type JACK	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:10 2006 Page 1

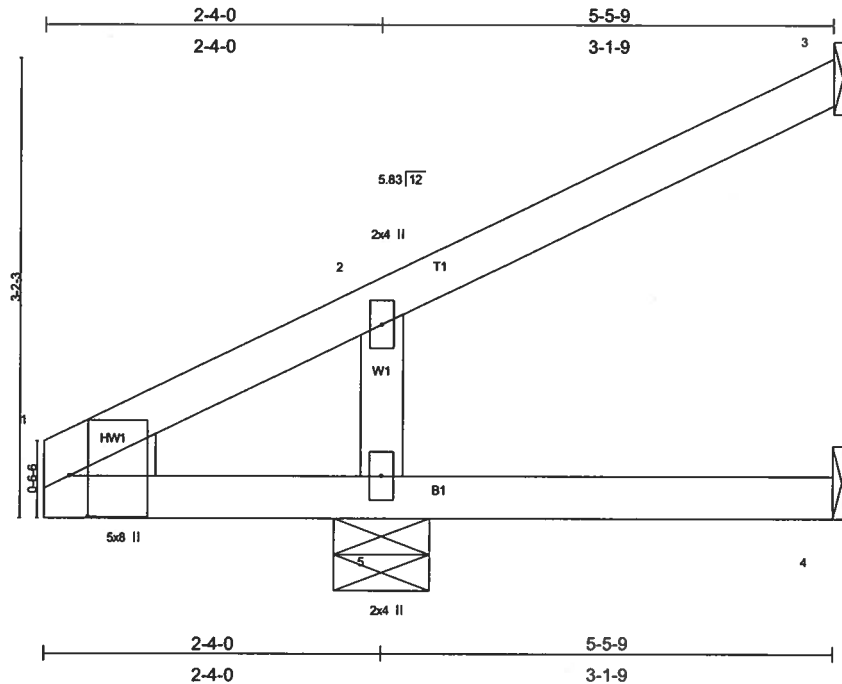


Plate Offsets (X,Y): 1:0-3-6,0-1-8

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.28	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.23	Vert(TL)	0.01	4-5	>999	180		
BCLL 10.0	Rep Stress incr YES	WB 0.07	Horz(TL)	-0.06	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
									Weight: 20 lb

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=59/Mechanical, 4=6/Mechanical, 5=475/0-8-0
 Max Horz 5=131 (load case 5)
 Max Uplift 3=-66 (load case 5), 4=-41 (load case 6), 5=-209 (load case 5)

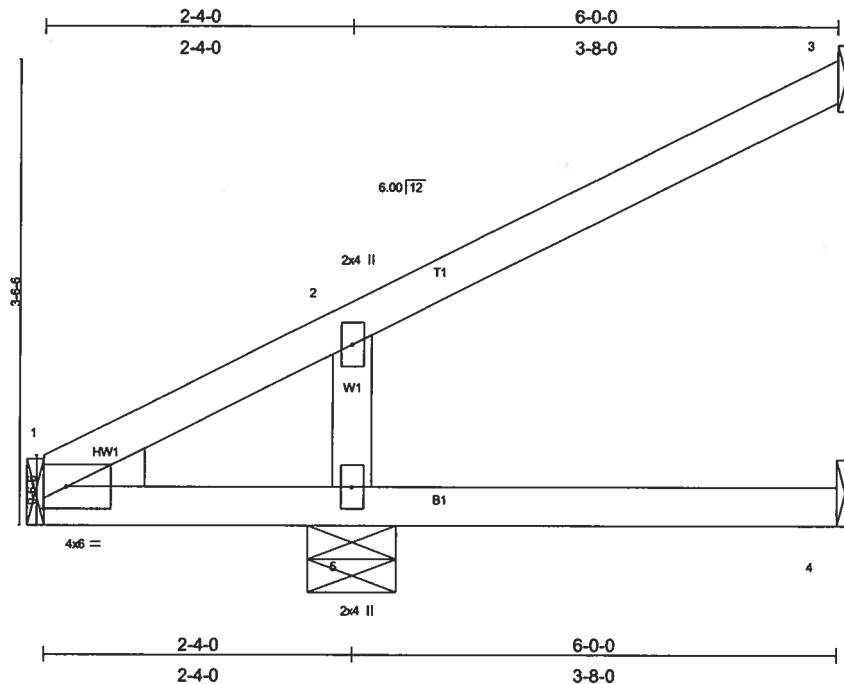
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-191/73, 2-3=-68/16
 BOT CHORD 1-5=0/195, 4-5=0/0
 WEBS 2-5=-301/276

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 66 lb uplift at joint 3, 41 lb uplift at joint 4 and 209 lb uplift at joint 5.

LOAD CASE(S) Standard

Job L202555	Truss CJ6	Truss Type JACK	Qty 4	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Tue Aug 08 13:27:11 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.17	Vert(LL)	-0.00	4-5	>999	240	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.08	Vert(TL)	-0.01	4-5	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.08	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002								
								Weight: 22 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) 3=102/Mechanical, 4=44/Mechanical, 5=382/0-8-0, 1=59/Mechanical
 Max Horz 5=147(load case 5)
 Max Uplift 3=-72(load case 5), 5=-214(load case 5), 1=-2(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-225/61, 2-3=-67/35
 BOT CHORD 1-5=0/217, 4-5=0/0
 WEBS 2-5=-267/316

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 72 lb uplift at joint 3, 214 lb uplift at joint 5 and 2 lb uplift at joint 1.

LOAD CASE(S) Standard

Job L202555	Truss CJ6A	Truss Type SPECIAL	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:12 2006 Page 1

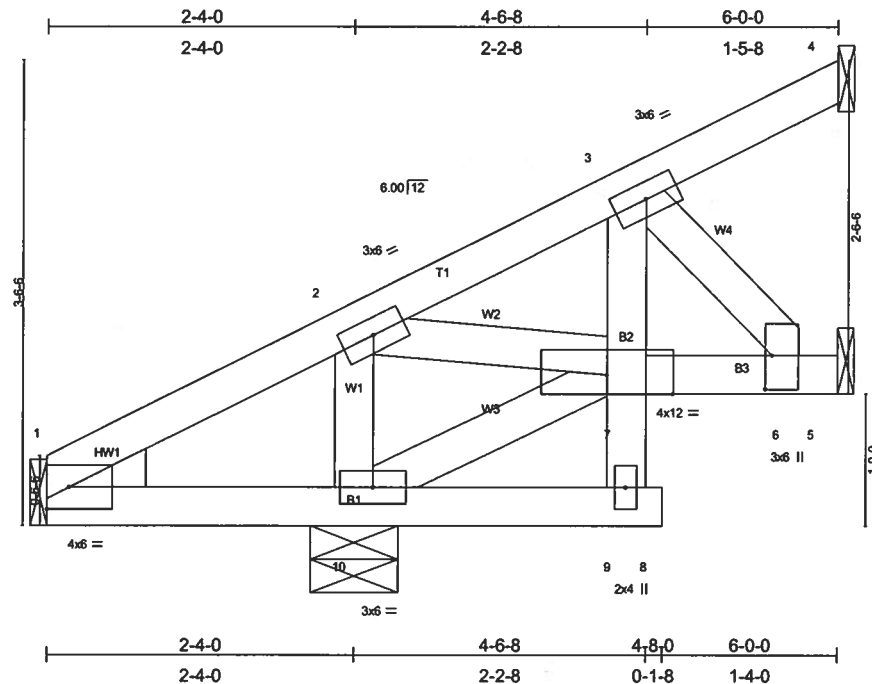


Plate Offsets (X,Y): {6-0-3-1,0-0-10}

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.09	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.06	Vert(TL)	-0.00	7	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.06	Horz(TL)	-0.00	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
									Weight: 33 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B2 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3
 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. Except:
 6-0-0 oc bracing: 1-10.

REACTIONS (lb/size) 4=46/Mechanical, 5=111/Mechanical, 10=370/0-8-0, 1=69/Mechanical

Max Horz 10=147(load case 5)

Max Uplift 4=-31(load case 5), 5=-58(load case 5), 10=-137(load case 5), 1=-16(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-113/85, 2-3=-152/38, 3-4=-28/16

BOT CHORD 1-10=-30/131, 9-10=-4/4, 8-9=0/0, 7-9=0/29, 3-7=-48/44, 6-7=-118/109, 5-6=0/0

WEBS 2-10=-267/230, 7-10=-93/0, 2-7=-27/132, 3-6=-155/171

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 4, 58 lb uplift at joint 5, 137 lb uplift at joint 10 and 16 lb uplift at joint 1.

LOAD CASE(S) Standard

Job L202555	Truss CJ6B	Truss Type JACK	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:12 2006 Page 1

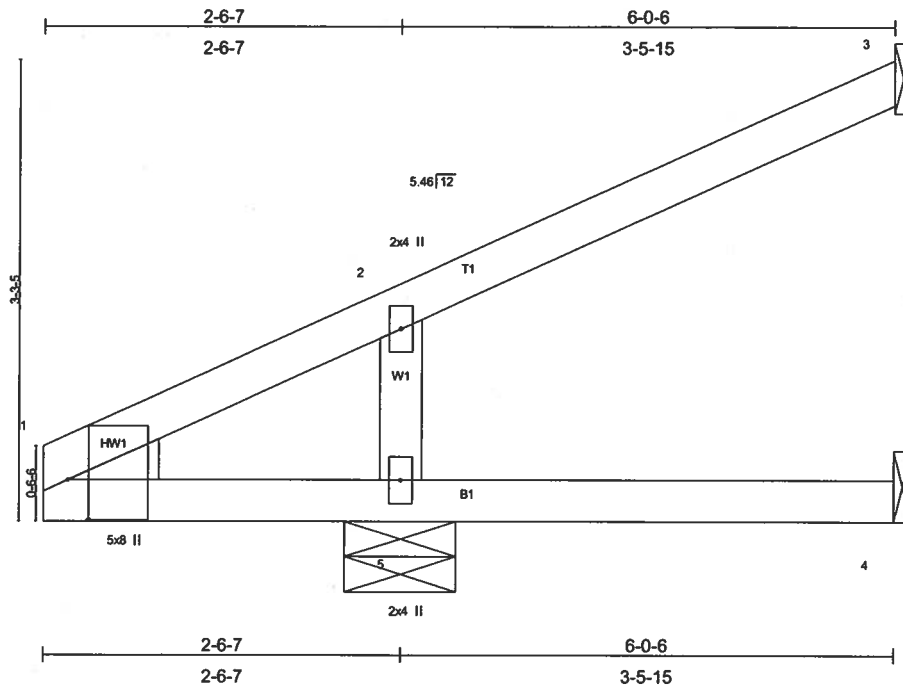


Plate Offsets (X,Y): 1:0-3-6,0-1-12

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.34	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.27	Vert(TL)	0.01	4-5	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.07	Horz(TL)	-0.07	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
 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) 3=68/Mechanical, 4=10/Mechanical, 5=519/0-9-8
 Max Horz 5=136(load case 5)
 Max Uplift 3=-70(load case 5), 4=-43(load case 6), 5=-237(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-195/76, 2-3=-71/18
 BOT CHORD 1-5=-0/199, 4-5=0/0
 WEBS 2-5=-331/299

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 3, 43 lb uplift at joint 4 and 237 lb uplift at joint 5.

LOAD CASE(S) Standard

Job L202555	Truss CJ6C	Truss Type JACK	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:13 2006 Page 1		

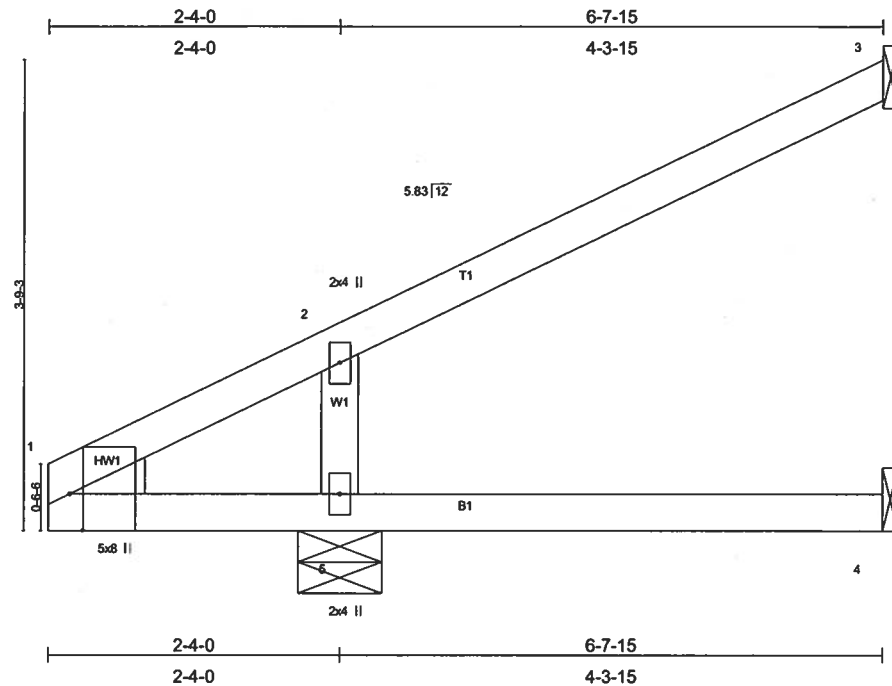


Plate Offsets (X,Y): [1:0-3-8,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.31	Vert(LL)	0.05	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.20	Vert(TL)	0.05	4-5	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.07	Horz(TL)	-0.06	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							Weight: 24 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) 3=110/Mechanical, 4=39/Mechanical, 5=510/0-8-0
 Max Horz 5=158(load case 5)
 Max Uplift 3=-99(load case 5), 4=-53(load case 6), 5=-226(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

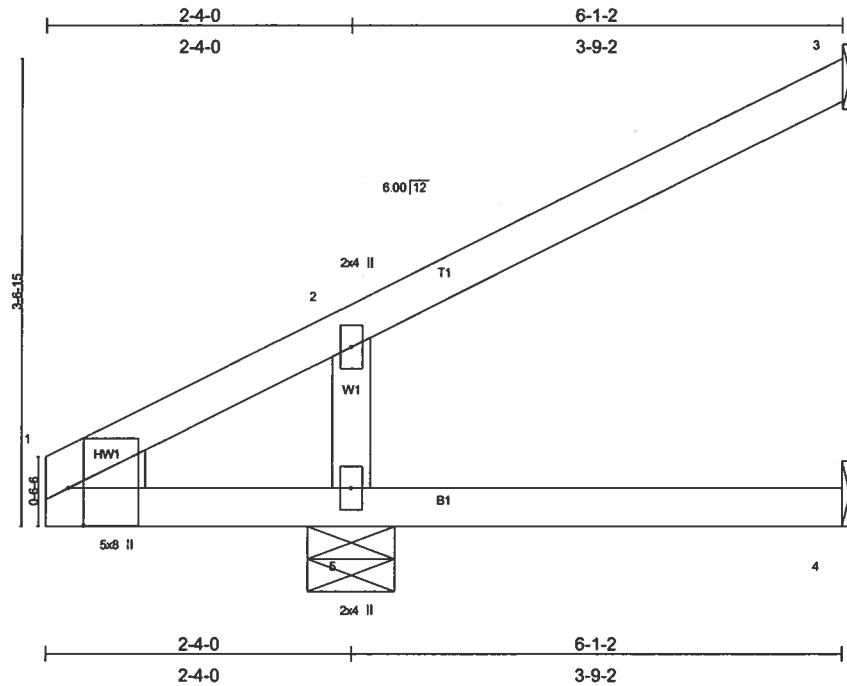
TOP CHORD 1-2=-226/77, 2-3=-82/35
 BOT CHORD 1-5=0/227, 4-5=0/0
 WEBS 2-5=-341/297

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint 3, 53 lb uplift at joint 4 and 226 lb uplift at joint 5.

LOAD CASE(S) Standard

Job L202555	Truss CJ6D	Truss Type JACK	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MitTek Industries, Inc. Tue Aug 08 13:27:13 2006 Page 1



Scale = 1/16"

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

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.30	Vert(LL)	0.02	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.22	Vert(TL)	0.02	4-5	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.07	Horz(TL)	-0.05	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
										Weight: 22 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) 3=87/Mechanical, 4=24/Mechanical, 5=492/0-8-0
 Max Horz 5=149(load case 5)
 Max Uplift 3=-86(load case 5), 4=-48(load case 6), 5=-214(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-216/76, 2-3=-77/27
 BOT CHORD 1-5=-0/219, 4-5=0/0
 WEBS 2-5=-321/288

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 3, 48 lb uplift at joint 4 and 214 lb uplift at joint 5.

LOAD CASE(S) Standard

Job L202555	Truss CJ8	Truss Type JACK	Qty 4	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:14 2006 Page 1

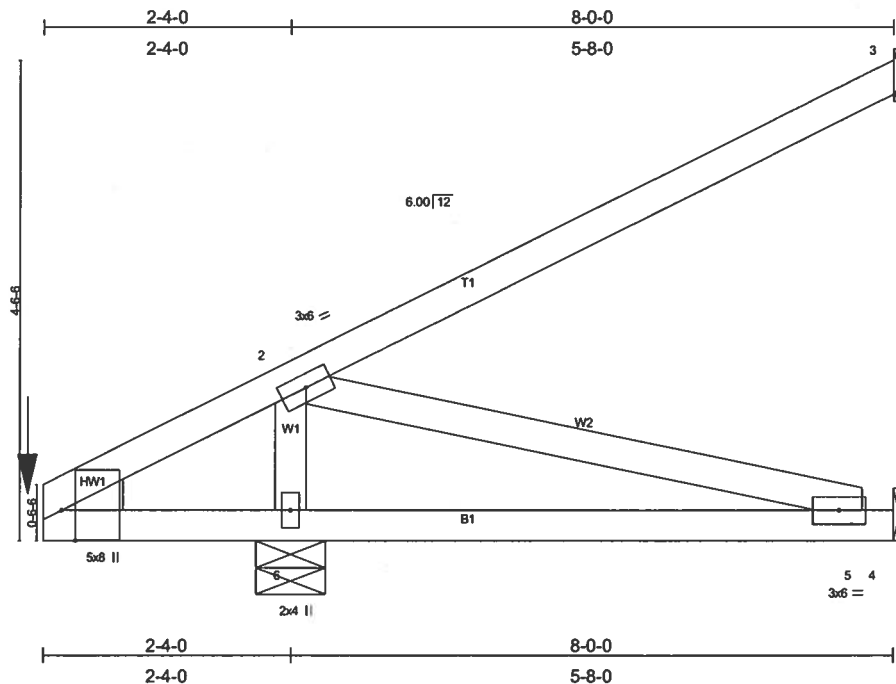


Plate Offsets (X,Y): [1:0-3-7,0-1-9]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.47	Vert(LL)	-0.03	5-6	>999	240	MT20
TCDL 15.0	Lumber Increase	1.25	BC 0.18	Vert(TL)	-0.05	5-6	>999	180	244/190
BCLL 10.0	Rep Stress Incr	NO	WB 0.10	Horz(TL)	-0.00	3	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 36 lb

LUMBER

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

REACTIONS (lb/size) 3=159/Mechanical, 4=48/Mechanical, 6=645/0-8-0
 Max Horz 6=193(load case 5)
 Max Uplift 3=-111(load case 5), 4=-9(load case 6), 6=-224(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-266/186, 2-3=-104/53
 BOT CHORD 1-6=-81/218, 5-6=-91/12, 4-5=0/0
 WEBS 2-6=-482/418, 2-5=-13/94

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 3, 9 lb uplift at joint 4 and 224 lb uplift at joint 6.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 59 lb down and 65 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-70, 1-4=-30
 Concentrated Loads (lb)
 Vert: 1=-59(F)

Job L202555	Truss CJ8A	Truss Type SPECIAL	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:15 2006 Page 1		

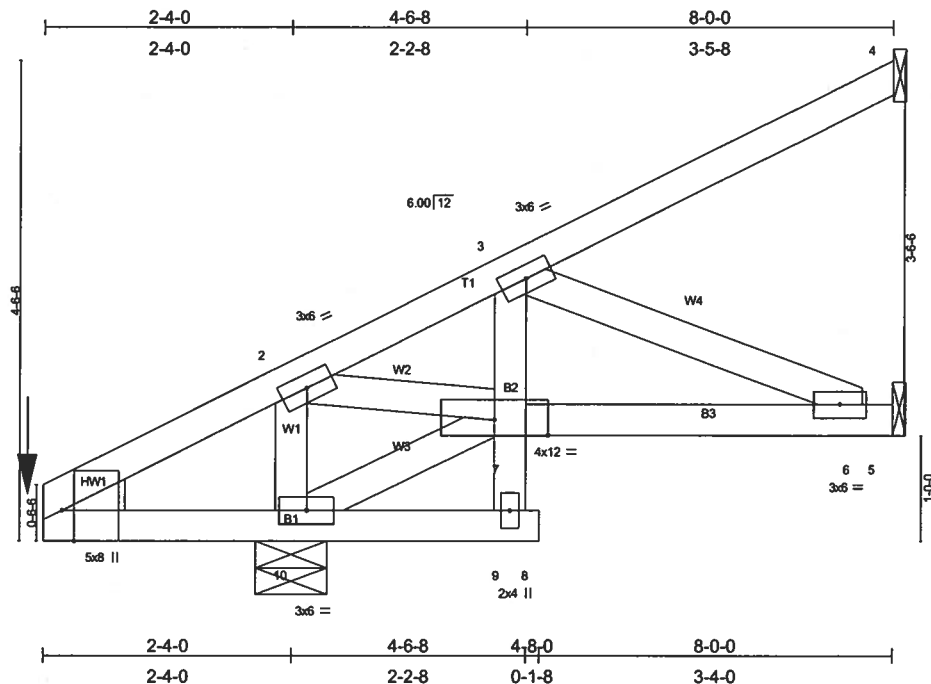


Plate Offsets (X,Y): [1:0-3-8,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.18	Vert(LL)	0.01	9	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.20	Vert(TL)	-0.01	6-7	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.12	Horz(TL)	-0.00	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							Weight: 42 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 B2 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3
 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 6-0-0 oc bracing.

REACTIONS (lb/size) 4=99/Mechanical, 5=111/Mechanical, 10=650/0-8-0

Max Horz 10=193(load case 5)
 Max Uplift 4=-70(load case 5), 5=-55(load case 5), 10=-202(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-262/326, 2-3=-169/52, 3-4=-66/33
 BOT CHORD 1-10=-240/259, 9-10=-12/0, 8-9=0/0, 7-9=0/26, 3-7=-75/46, 6-7=-218/195, 5-6=0/0
 WEBS 2-10=-415/293, 7-10=-261/2, 2-7=-166/364, 3-6=-209/237

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 4, 55 lb uplift at joint 5 and 202 lb uplift at joint 10.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 59 lb down and 29 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-70, 1-9=-30, 8-9=-30, 5-7=-30
 Concentrated Loads (lb)
 Vert: 1=-59(F)

Job L202555	Truss CJ8C	Truss Type JACK	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:15 2006 Page 1

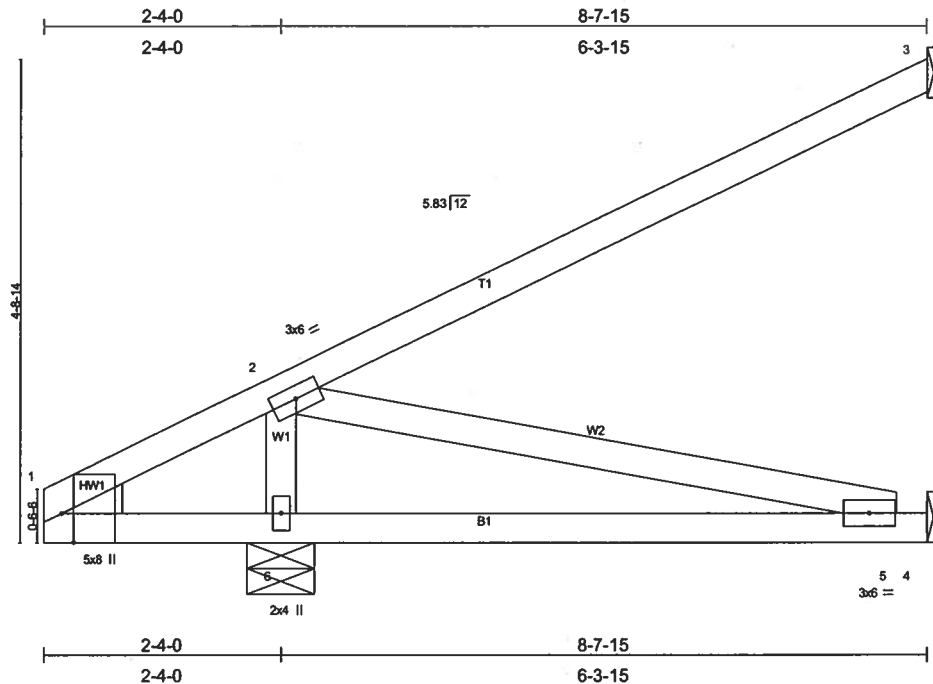


Plate Offsets (X,Y): [1:0-3-7.0-1-6]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.47	Vert(LL)	0.15	5-6	>503	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.30	Vert(TL)	0.13	5-6	>585	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.09	Horz(TL)	-0.01	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							Weight: 39 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 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 9-6-15 oc bracing.

REACTIONS (lb/size) 3=178/Mechanical, 4=92/Mechanical, 6=590/0-8-0
 Max Horz 6=203(load case 5)
 Max Uplift 3=-124(load case 5), 4=-101(load case 5), 6=-264(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-60/88, 2-3=-114/58
 BOT CHORD 1-6=-71/70, 5-6=-339/70, 4-5=0/0
 WEBS 2-6=-410/193, 2-5=-72/348

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 3, 101 lb uplift at joint 4 and 264 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L202555	Truss CJ10	Truss Type MONO TRUSS	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:06 2006 Page 1

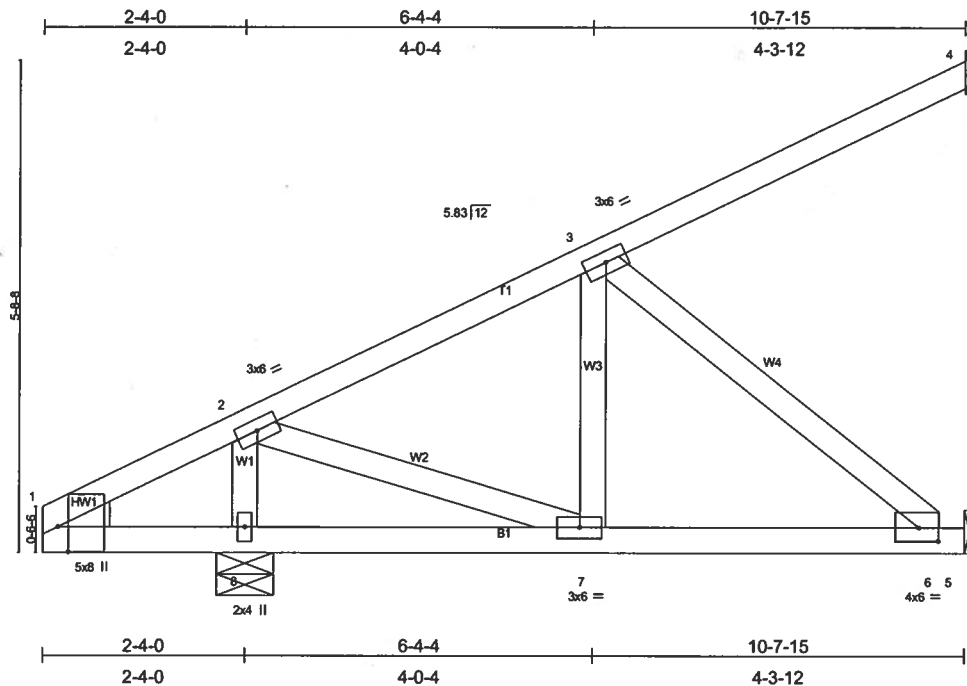


Plate Offsets (X,Y): [1:0-3-7,0-1-7], [6:0-2-12,0-1-14]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.23	Vert(LL) 0.05	6-7	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.19	Vert(TL) 0.04	6-7	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.17	Horz(TL) -0.00	4	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
								Weight: 54 lb

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

REACTIONS (lb/size) 4=119/Mechanical, 5=261/Mechanical, 8=680/0-8-0
 Max Horiz 8=248(load case 5)
 Max Uplift 4=-82(load case 5), 5=-214(load case 5), 8=-306(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-159/193, 2-3=-357/235, 3-4=-78/39
 BOT CHORD 1-8=-119/163, 7-8=-153/0, 6-7=-388/272, 5-6=0/0
 WEBS 2-8=-569/426, 2-7=-248/412, 3-7=-204/23, 3-6=-352/502

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 82 lb uplift at joint 4, 214 lb uplift at joint 5 and 306 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L202555	Truss CJ10A	Truss Type MONO TRUSS	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:07 2006 Page 1

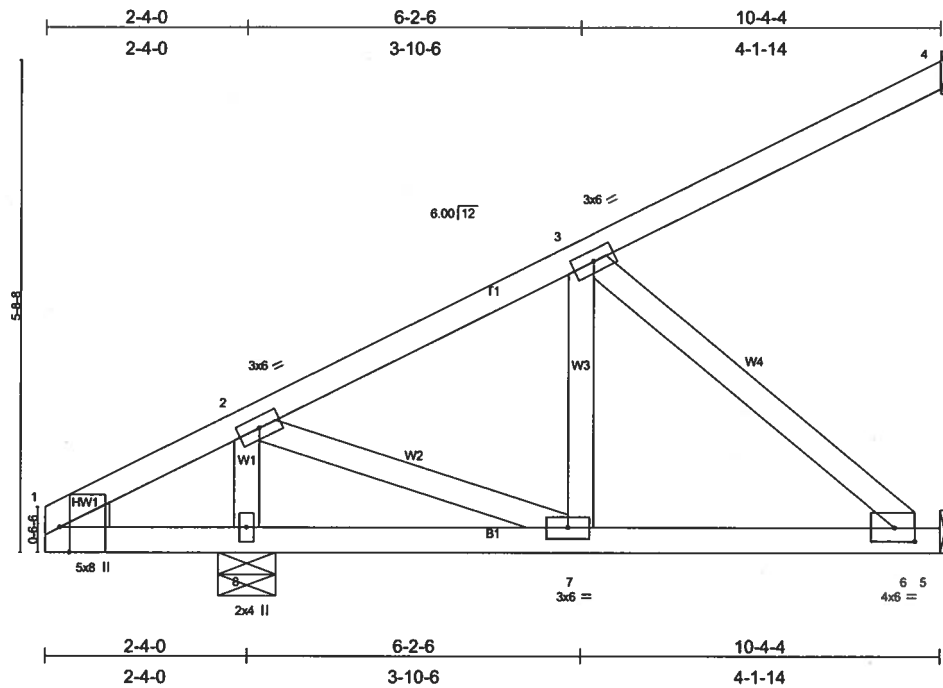


Plate Offsets (X,Y): [1:0-3-7,0-1-7], [6:0-2-12,0-1-14]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.21	Vert(LL)	0.04	6-7	>999	240	MT20
TCDL 15.0	Lumber Increase	1.25	BC 0.18	Vert(TL)	0.04	6-7	>999	180	244/190
BCLL 10.0	Rep Stress Incr	YES	WB 0.16	Horz(TL)	-0.00	4	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 53 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" oc purlins.
BOT CHORD Rigid ceiling directly applied or 6'-0" oc bracing.

REACTIONS (lb/size) 4=115/Mechanical, 5=249/Mechanical, 8=665/0-8-0
Max Horz 8=248(load case 5)
Max Uplift 4=-81(load case 5), 5=-210(load case 5), 8=-295(load case 5)

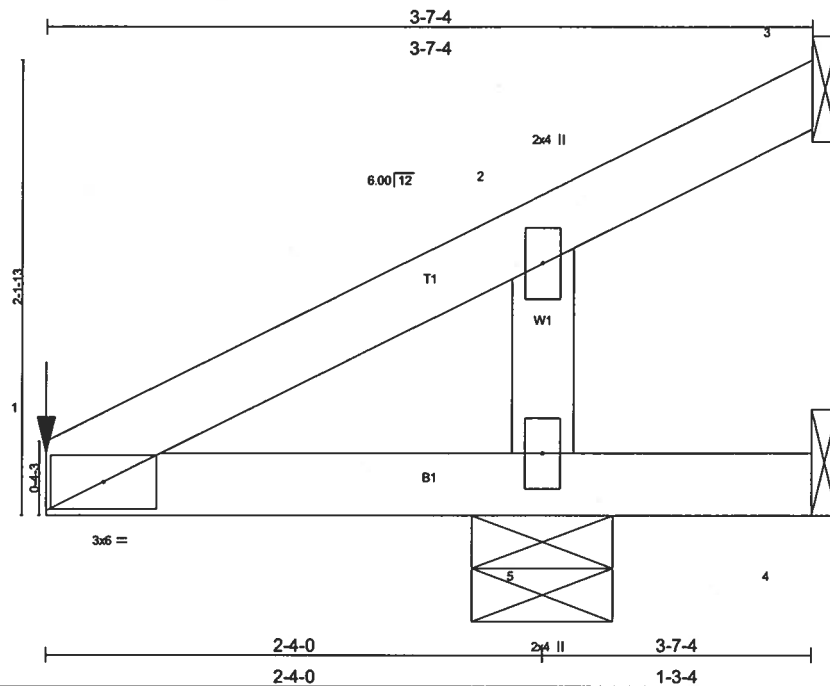
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-162/195, 2-3=-331/211, 3-4=-77/39
BOT CHORD 1-8=-121/166, 7-8=-152/0, 6-7=-385/247, 5-6=0/0
WEBS 2-8=-557/414, 2-7=-226/391, 3-7=-197/17, 3-6=-326/481

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint 4, 210 lb uplift at joint 5 and 295 lb uplift at joint 8.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	COMPASS BUILDERS GI-2536
L202555	EJ3	JACK	3	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:16 2006 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.37	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.36	Vert(TL)	0.00	4-5	>999	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.08	Horz(TL)	-0.05	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						Weight: 13 lb	

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

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 3-7-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=99/Mechanical, 4=124/Mechanical, 5=607/0-8-0
Max Horiz 5=83(load case 5)
Max Lift 3=99(load case 1), 4=124(load case 1), 5=283(load case 5)
Max Grav 3=277(load case 5), 4=368(load case 5), 5=607(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-127/71, 2-3=-82/33
BOT CHORD 1-5=-0/125, 4-5=0/0
WEBS 2-5=-339/327

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDF=4.2psf; BCDF=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint 3, 124 lb uplift at joint 4 and 283 lb uplift at joint 5.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 30 lb down and 35 lb up at 0-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

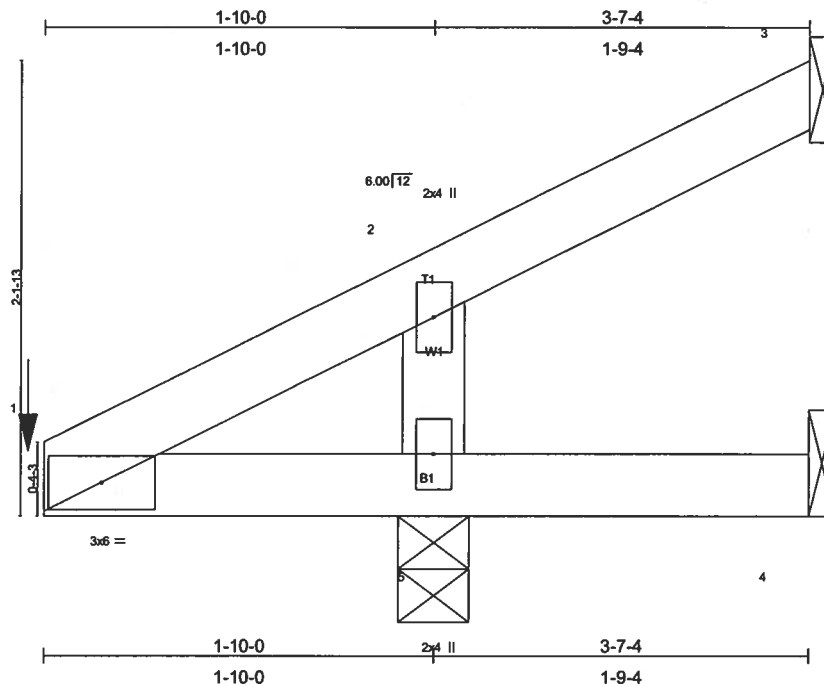
- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-70, 1-4=-30
Concentrated Loads (lb)
Vert: 1=-30(F)

**AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B. LUTZ, FL 33549**

Job	Truss	Truss Type	Qty	Ply	COMPASS BUILDERS GI-2536
L202555	EJ3A	JACK	3	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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Scale = 1:10.4

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl l/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.25	Vert(LL) 0.00 4-5 >999 240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.23	Vert(TL) 0.00 4-5 >999 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.06	Horz(TL) -0.03 3 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			
				Weight: 13 lb	

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

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 3-7-4 oc purtins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=6/Mechanical, 4=39/Mechanical, 5=430/0-4-0
 Max Horz 5=83(load case 5)
 Max Uplift3=20(load case 6), 4=39(load case 1), 5=200(load case 5)
 Max Grav 3=2(load case 3), 4=1(load case 5), 5=430(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-129/58, 2-3=-56/0
 BOT CHORD 1-5=0/125, 4-5=0/0
 WEBS 2-5=-252/240

NOTES

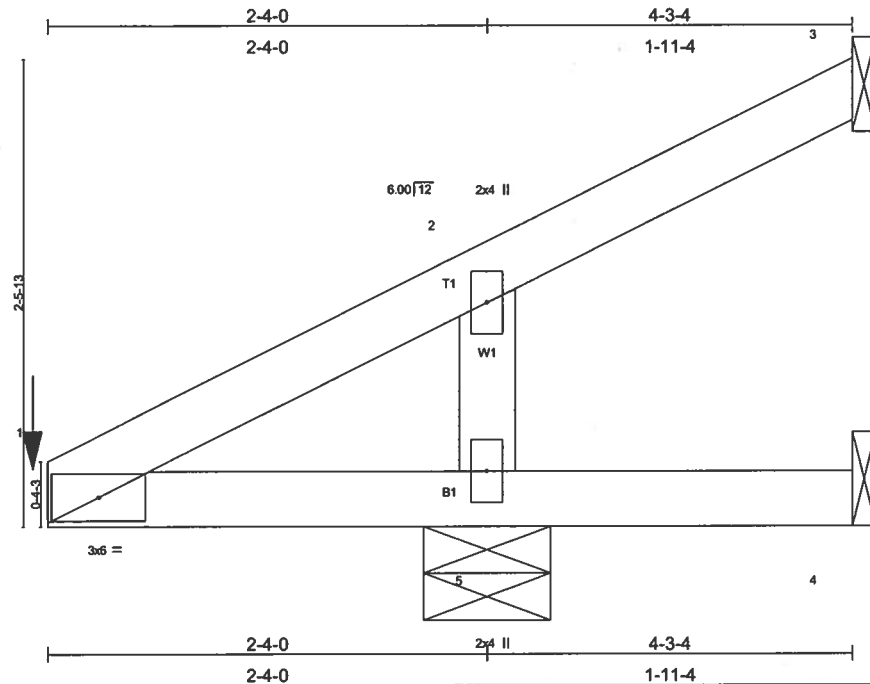
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 3, 39 lb uplift at joint 4 and 200 lb uplift at joint 5.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 30 lb down and 35 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-70, 1-4=-30
Concentrated Loads (lb)
Vert: 1=-30(F)

**AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B. LUTZ, FL 33549**

Job	Truss	Truss Type	Qty	Ply	COMPASS BUILDERS GI-2536
L202555	EJ4	JACK	4	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055					6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:17 2006 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.38	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.35	Vert(TL)	0.01	4-5	>999	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.06	Horz(TL)	-0.06	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)						Weight: 15 lb	

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

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

REACTIONS (lb/size) 3=27/Mechanical, 4=62/Mechanical, 5=540/0-8-0
Max Horz 5=99(load case 5)
Max Uplift 3=29(load case 5), 4=62(load case 1), 5=155(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-137/72, 2-3=-71/0
BOT CHORD 1-5=0/149, 4-5=0/0
WEBS 2-5=-314/232

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDD=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate gird DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 3, 62 lb uplift at joint 4 and 155 lb uplift at joint 5.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 30 lb down and 35 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-70, 1-4=-30
Concentrated Loads (lb)
Vert: 1=-30(F)

**AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L202555	Truss EJ5	Truss Type JACK	Qty 3	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 M/Tek Industries, Inc. Tue Aug 08 13:27:18 2006 Page 1

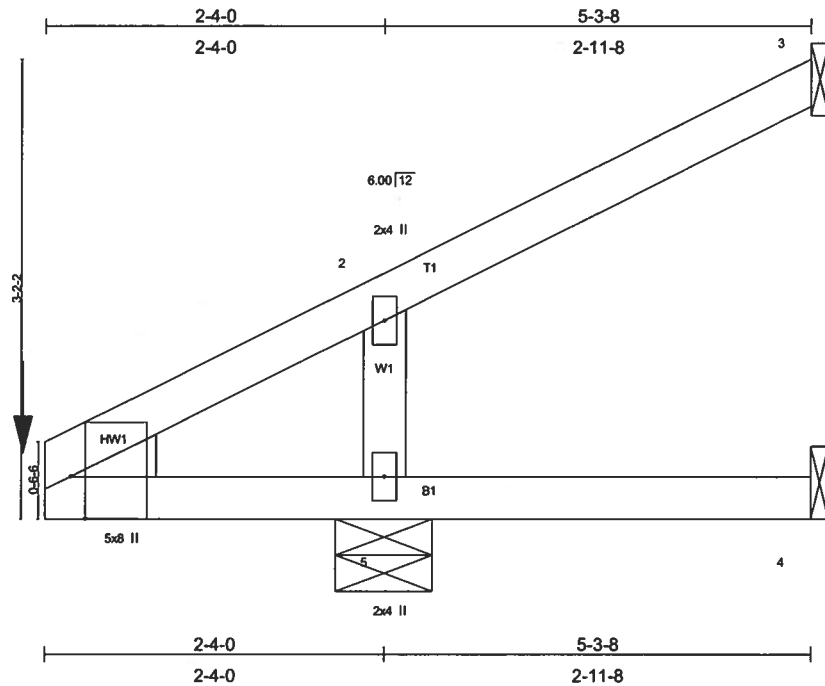


Plate Offsets (X,Y): [1:0-3-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.41	Vert(LL)	-0.01	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.37	Vert(TL)	0.02	4-5	>999	180		
BCCL 10.0	Rep Stress Incr NO	WB 0.08	Horz(TL)	-0.09	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)							
									Weight: 19 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 5-3-8 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=36/Mechanical, 4=-17/Mechanical, 5=544/0-8-0
 Max Horz 5=131(load case 5)
 Max Uplift 3=-56(load case 5), 4=-17(load case 1), 5=-191(load case 5)
 Max Grav 3=36(load case 1), 4=12(load case 3), 5=544(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-199/84, 2-3=-75/7
 BOT CHORD 1-5=0/195, 4-5=0/0
 WEBS 2-5=-330/304

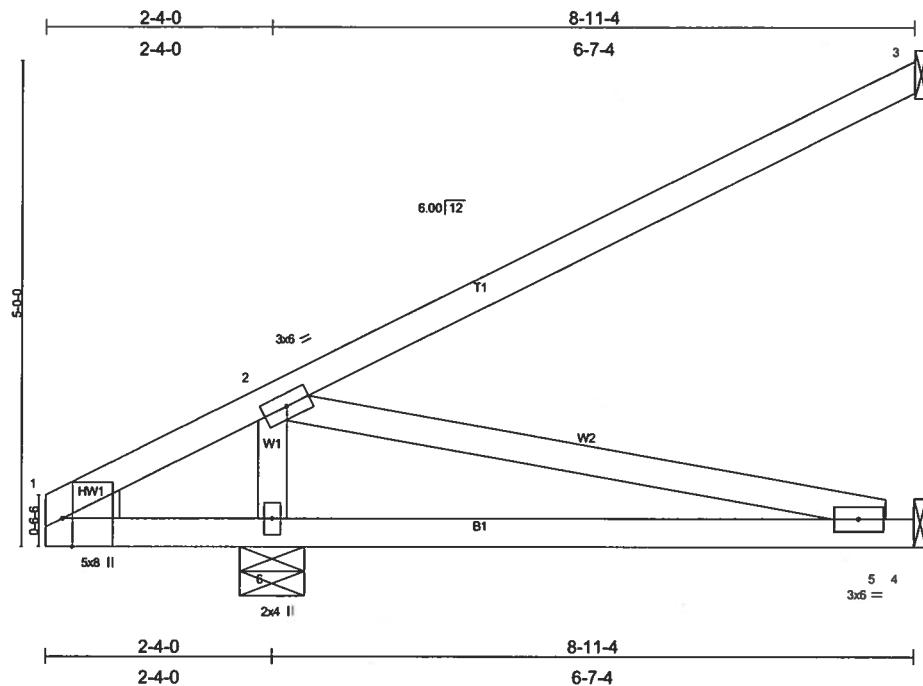
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 3, 17 lb uplift at joint 4 and 191 lb uplift at joint 5.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 40 lb down and 22 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-70, 1-4=-30
 Concentrated Loads (lb)
 Vert: 1=-40(F)

Job	Truss	Truss Type	Qty	Ply	COMPASS BUILDERS GI-2536
L202555	EJ8	JACK	18	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:19 2006 Page 1		



Scale = 1:22.6

Plate Offsets (X,Y): [1:0-3-8,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 0.52	Vert(LL)	-0.06	5-6	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.24	Vert(TL)	-0.10	5-6	>789	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.09	Horz(TL)	-0.01	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 40 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
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) 3=185/Mechanical, 4=100/Mechanical, 6=602/0-8-0
Max Horz 6=215(load case 5)
Max Uplift 3=-130(load case 5), 4=-27(load case 5), 6=-183(load case 5)

FORCES

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-109/15, 2-3=-122/62
BOT CHORD 1-6=-16/93, 5-6=-222/93, 4-5=0/0
WEBS 2-6=-415/347, 2-5=-95/227

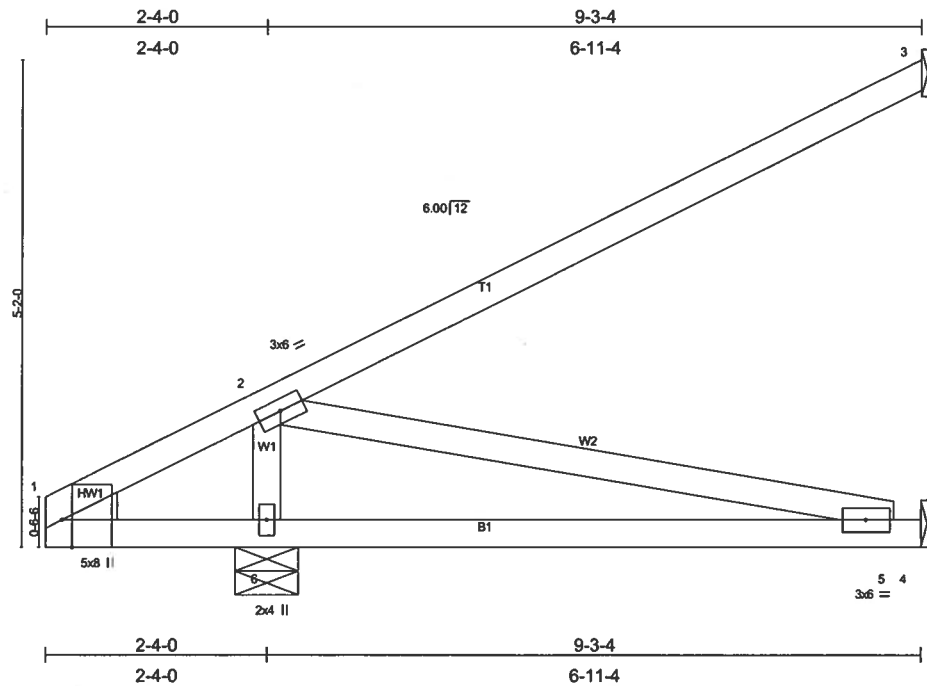
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 130 lb uplift at joint 3, 27 lb uplift at joint 4 and 183 lb uplift at joint 6.

LOAD CASE(S) Standard

**AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job	Truss	Truss Type	Qty	Ply	COMPASS BUILDERS GI-2536
L202555	EJ9	JACK	16	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:19 2006 Page 1		



Scale = 1:23.3

Plate Offsets (X,Y): [1:0-3-8,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 0.58	Vert(LL) -0.07 5-6	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.27	Vert(TL) -0.12 5-6	>678	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.10	Horz(TL) -0.01 3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS

(lb/size) 3=195/Mechanical, 4=110/Mechanical, 6=617/0-8-0
Max Horz 6=223(load case 5)
Max Uplift 3=-136(load case 5), 4=-28(load case 5), 6=-186(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

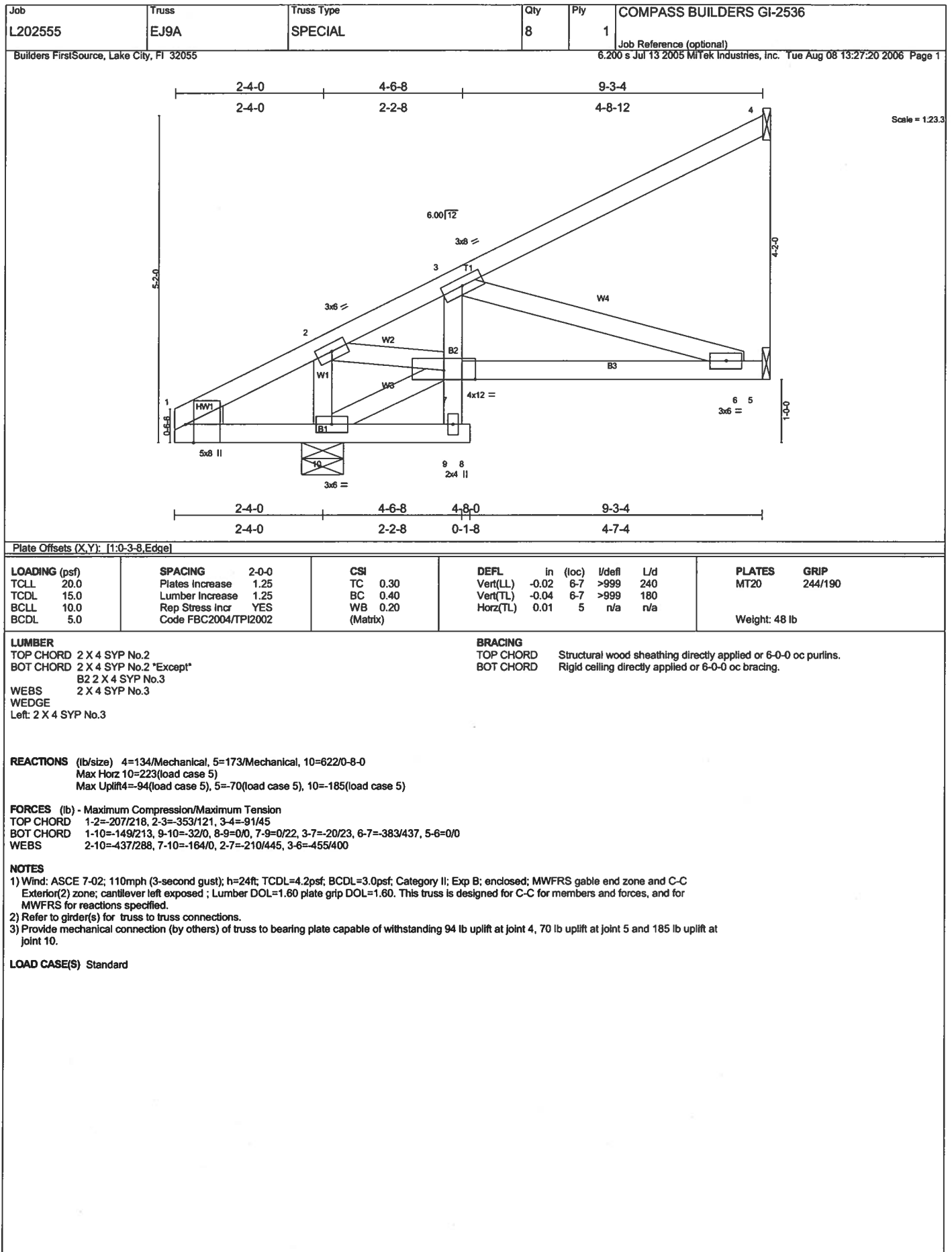
TOP CHORD 1-2=-109/20, 2-3=-128/65
BOT CHORD 1-6=-24/125, 5-6=-248/125, 4-5=0/0
WEBS 2-6=-420/355, 2-5=-128/254

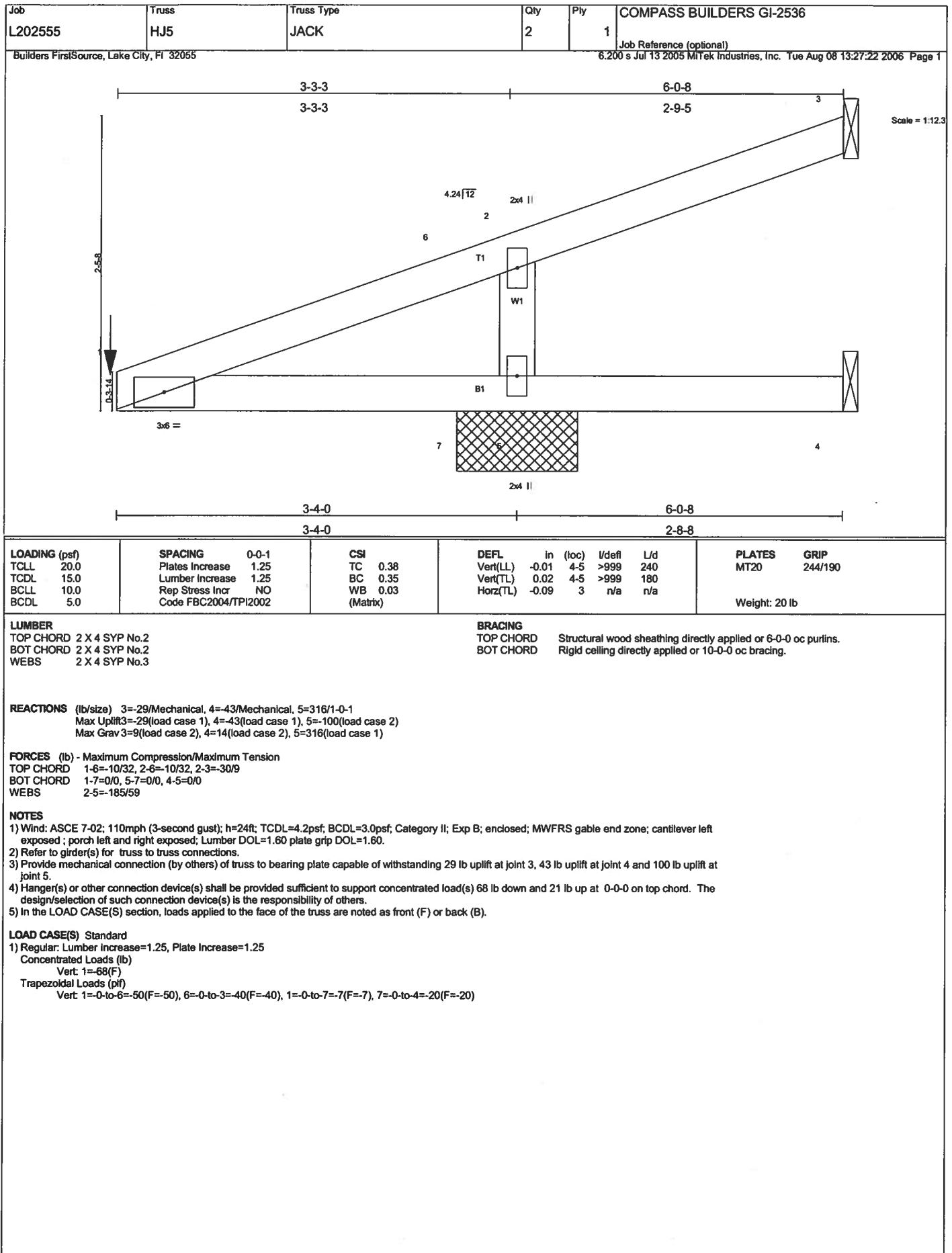
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 136 lb uplift at joint 3, 28 lb uplift at joint 4 and 186 lb uplift at joint 6.

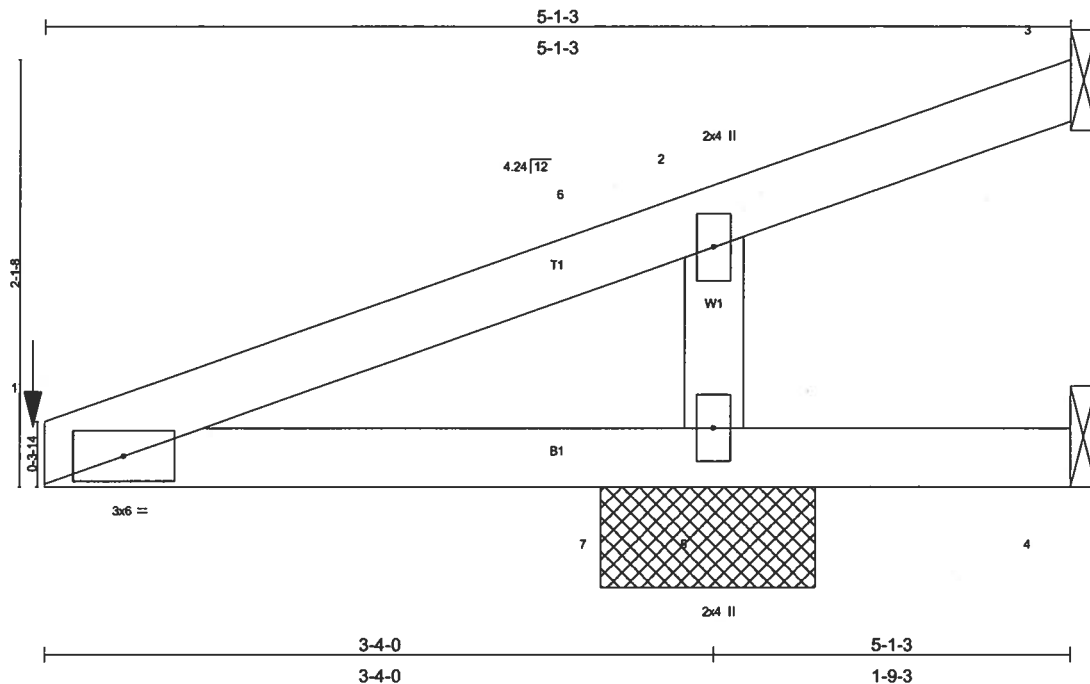
LOAD CASE(S) Standard

**AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B. LUTZ, FL 33549**





Job	Truss	Truss Type	Qty	Ply	COMPASS BUILDERS GI-2536
L202555	HJ5A	JACK	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6/20/05 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:23 2006 Page 1		



LOADING (psf)	SPACING 0-0-1	CSI	DEFL in (loc) l/def L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.38	Vert(LL) 0.00 4-5 >999 240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.35	Vert(TL) 0.01 4-5 >999 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.03	Horz(TL) -0.08 3 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			Weight: 17 lb

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

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 5-1-3 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=83/Mechanical, 4=88/Mechanical, 5=372/1-0-13
Max Uplift 3=83(load case 1), 4=88(load case 1), 5=118(load case 2)
Max Grav 3=26(load case 2), 4=28(load case 2), 5=372(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-6=-10/32, 2-6=-10/32, 2-3=-39/12
 BOT CHORD 1-7=0/0, 5-7=0/0, 4-5=0/0
 WEBS 2-5=-213/68

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); $h=24ft$; $TCDL=4.2psf$; $BCDL=3.0psf$; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 83 lb uplift at joint 3, 88 lb uplift at joint 4 and 118 lb uplift at joint 5.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 68 lb down and 21 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

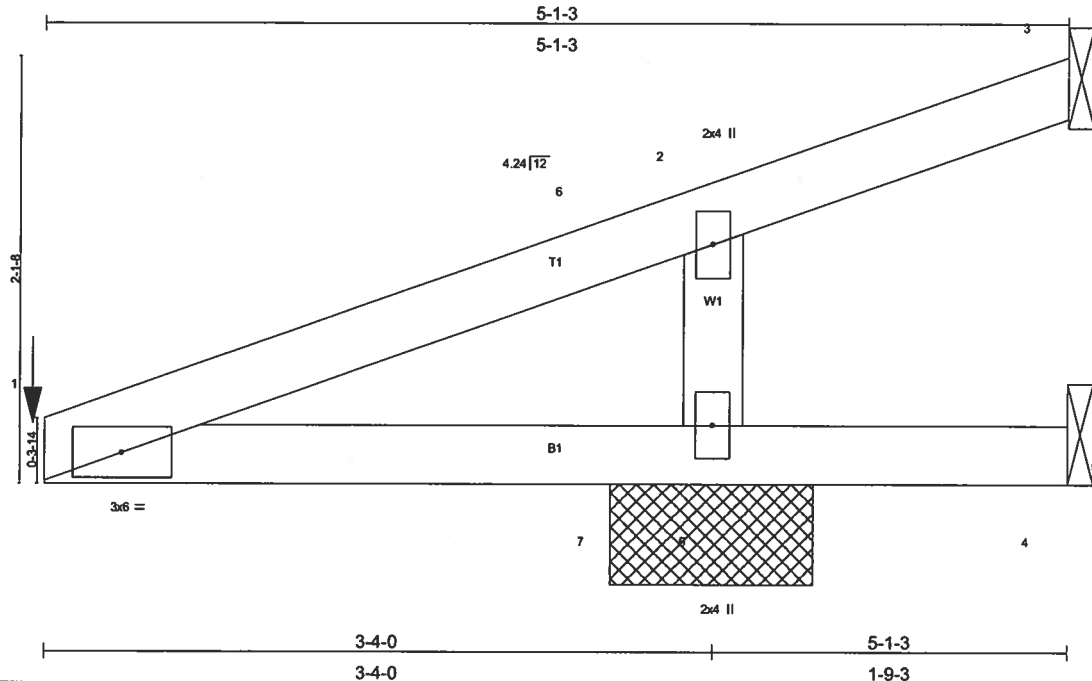
Concentrated Loads (lb)

Vert: 1=-68(F)

Trapezoidal Loads (plf)

Vert: 1=-0-to-6=-50(F=-50), 6=-0-to-3=-33(F=-32), 1=-0-to-7=-7(F=-7), 7=-0-to-4=-14(F=-14)

Job L202555	Truss HJ5B	Truss Type JACK	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:24 2006 Page 1		



LOADING (psf)	SPACING	0-0-1	CSI	DEFL	In	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.38	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.35	Vert(TL)	0.01	4-5	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.03	Horz(TL)	-0.08	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
									Weight: 17 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-1-3 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-83/Mechanical, 4=-88/Mechanical, 5=372/1-0-1
 Max Uplift 3=-83(load case 1), 4=-88(load case 1), 5=-118(load case 2)
 Max Grav 3=26(load case 2), 4=28(load case 2), 5=372(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-6=-10/32, 2-6=-10/32, 2-3=-39/12
 BOT CHORD 1-7=-0/0, 5-7=0/0, 4-5=0/0
 WEBS 2-5=-213/68

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 83 lb uplift at joint 3, 88 lb uplift at joint 4 and 118 lb uplift at joint 5.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 68 lb down and 21 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

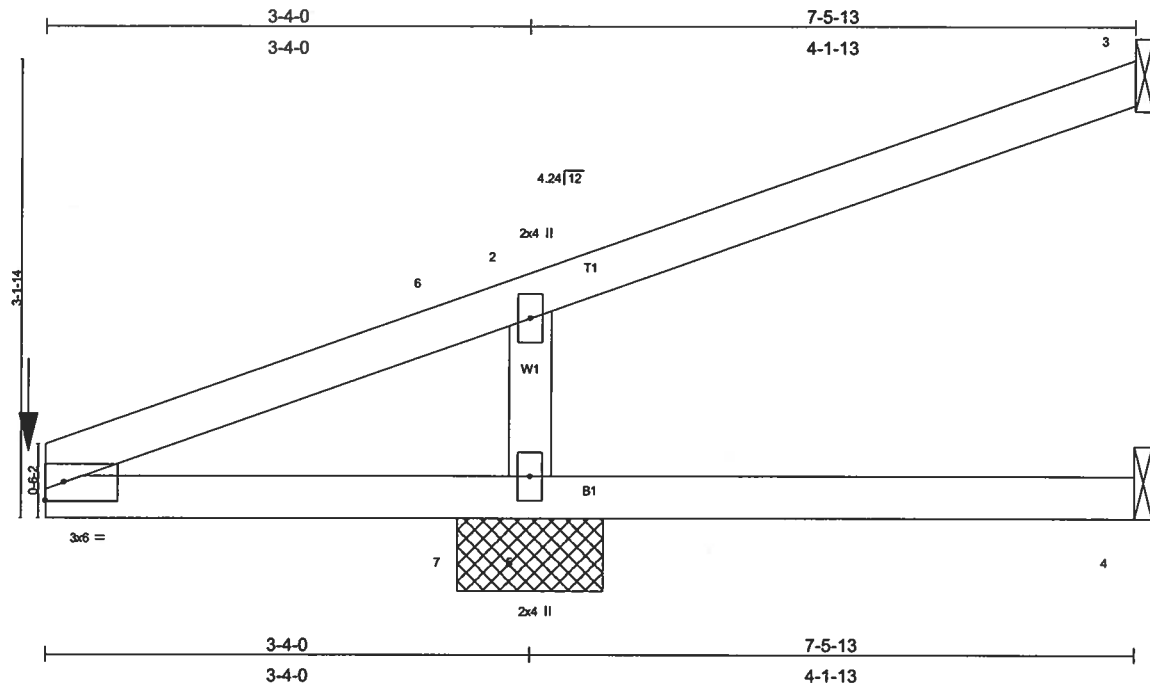
Concentrated Loads (lb)

Vert: 1=-68(F)

Trapezoidal Loads (plf)

Vert: 1=0-to-6=-50(F=-50), 6=0-to-3=-33(F=-32), 1=0-to-7=-7(F=-7), 7=0-to-4=-14(F=-14)

Job L202555	Truss HJ7	Truss Type MONO TRUSS	Qty 2	Ply 1	COMPASS BUILDERS GI-2536 Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:24 2006 Page 1		



LOADING (psf)	SPACING 0-0-1	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.39	Vert(LL) -0.01 4-5 >999 240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.33	Vert(TL) 0.03 4-5 >999 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.03	Horz(TL) -0.11 3 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(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 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=63/Mechanical, 4=12/Mechanical, 5=327/1-0-1
Max Uplift 3=-20(load case 2), 4=-4(load case 2), 5=-104(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-6=-12/36, 2-6=-12/37, 2-3=-36/11
BOT CHORD 1-7=0/0, 5-7=0/0, 4-5=0/0
WEBS 2-5=-204/65

NOTES

- 1) Wind: ASCE 7-02: 110mph (3-second gust); h=24ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 3, 4 lb uplift at joint 4 and 104 lb uplift at joint 5.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 68 lb down and 21 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Concentrated Loads (lb)
Vert: 1=68(F)
Trapezoidal Loads (plf)
Vert: 1=0-to-6=50(F=49), 6=0-to-3=75(F=75), 1=0-to-7=7(F=7), 7=0-to-4=35(F=35)

**AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L202555	Truss HJ11	Truss Type MONO TRUSS	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:20 2006 Page 1		

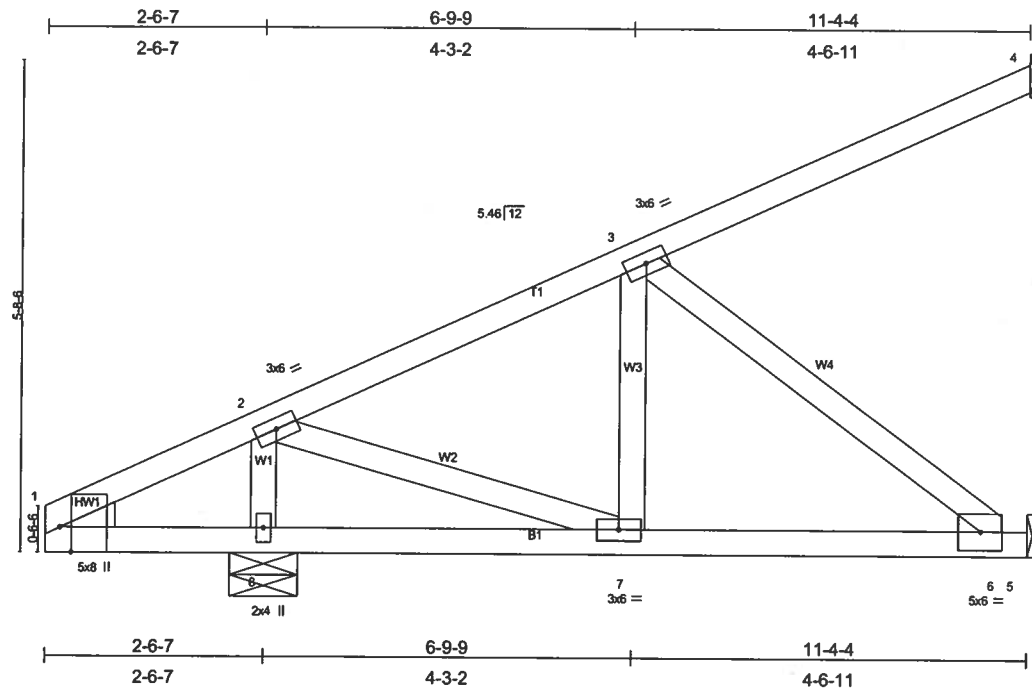


Plate Offsets (X,Y): [1:0-3-8, Edgel, [6:0-0-0,0-0-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.29	Vert(LL)	0.03	6-7	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.24	Vert(TL)	-0.05	6-7	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.20	Horz(TL)	-0.00	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
										Weight: 57 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 6-0-0 oc bracing.

REACTIONS (lb/size) 4=159/Mechanical, 5=286/Mechanical, 8=336/0-9-8
Max Horz 8=149(load case 4)
Max Uplift 4=-113(load case 4), 5=-200(load case 4), 8=-185(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-33/73, 2-3=-346/104, 3-4=-78/48
BOT CHORD 1-8=-79/25, 7-8=-128/0, 6-7=-231/297, 5-6=0/0
WEBS 2-8=-306/106, 2-7=-113/315, 3-7=-100/53, 3-6=-377/293

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 113 lb uplift at joint 4, 200 lb uplift at joint 5 and 185 lb uplift at joint 8.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Trapezoidal Loads (plf)
Vert: 1=0(F=35, B=35)-to-4=-97(F=-13, B=-13), 1=0(F=15, B=15)-to-5=-42(F=-6, B=-6)

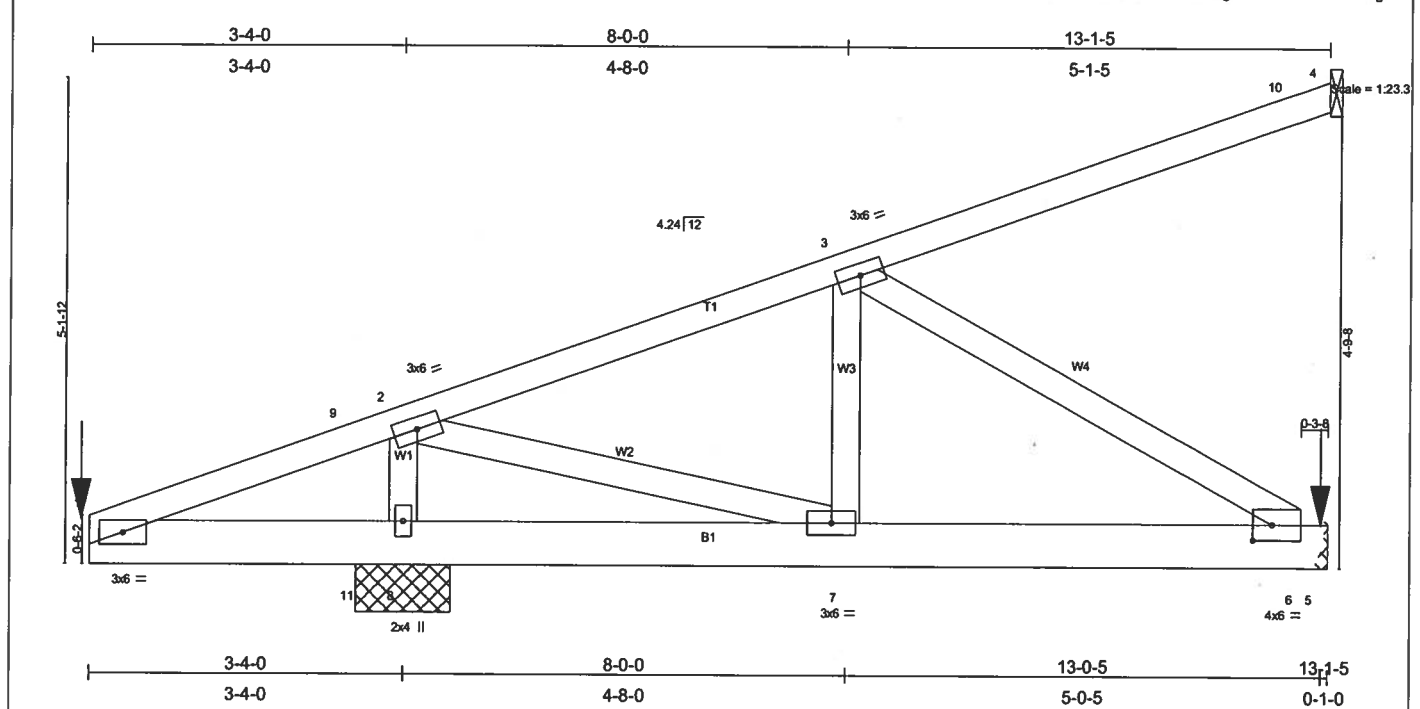


Plate Offsets (X,Y): [6.0-2.7,0-2.0]									
LOADING (psf)	SPACING 0-0-1	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.62	Vert(LL) 0.02	6-7	>999	240		MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.21	Vert(TL) -0.04	6-7	>999	180			
BCLL 10.0	Rep Stress Incr NO	WB 0.37	Horz(TL) -0.01	4	n/a	n/a			
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
								Weight: 71 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 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 6-0-0 oc bracing.

REACTIONS (lb/size) 4=269/Mechanical, 5=659/Mechanical, 8=616/1-0-1
Max Horz 8=1(load case 4)
Max Uplift 4=-85(load case 2), 5=-209(load case 2), 8=-195(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-9=-96/278, 2-9=-96/279, 2-3=-587/186, 3-10=-114/76, 4-10=-27/86
BOT CHORD 1-11=-259/89, 8-11=-259/89, 7-8=-259/89, 6-7=-173/545, 5-6=0/0
WEBS 2-8=-548/174, 2-7=-264/834, 3-7=10/23, 3-6=-639/203

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 85 lb uplift at joint 4, 209 lb uplift at joint 5 and 195 lb uplift at joint 8.
- 5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 123 lb down and 39 lb up at 0-0-0 on top chord, and 212 lb down and 67 lb up at 13-0-5 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-9=0, 4-10=-35(F=-35)
Concentrated Loads (lb)
Vert: 1=-123(F) 6=-212(F)
Trapezoidal Loads (plf)
Vert: 9=0-10=0=-166(F=-166), 1=0-10=-7(F=-7), 11=0-10=-71(F=-71)

**AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L202555	Truss HJ13A	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:22 2006 Page 1		

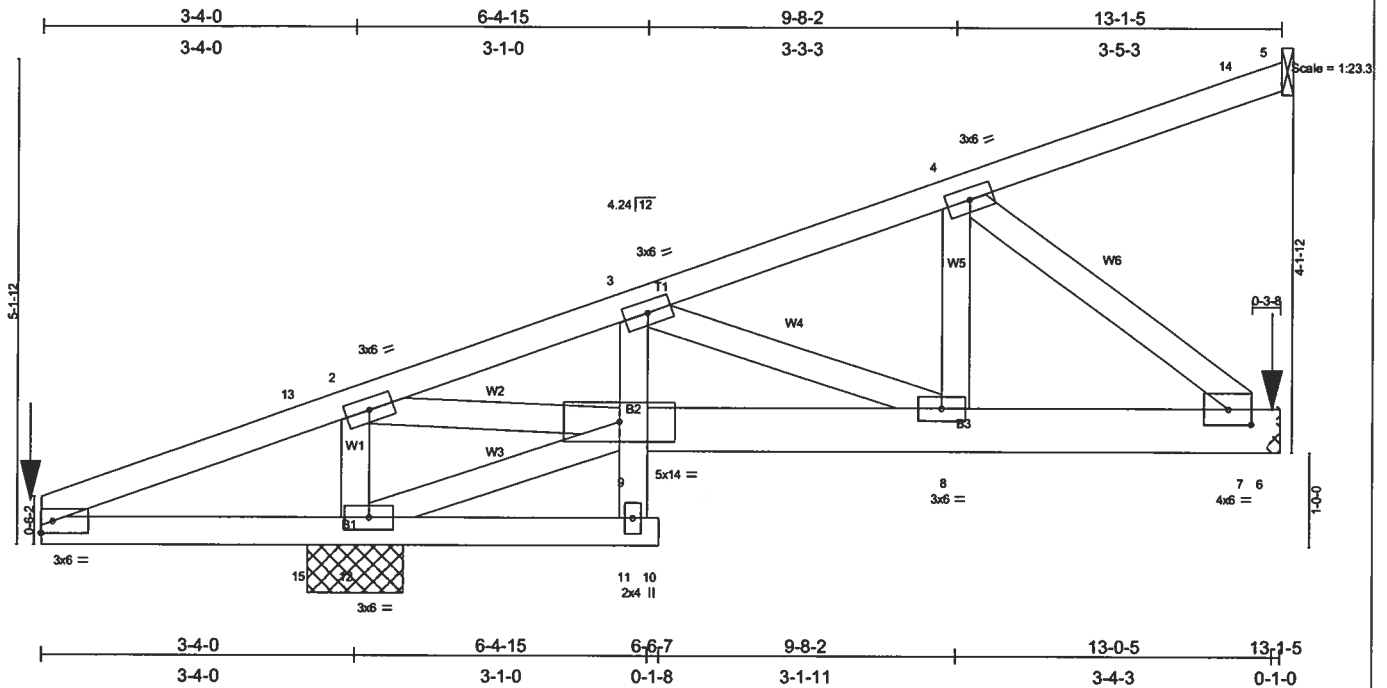


Plate Offsets (X,Y): [7:0-2-14,0-1-15]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.30	Vert(LL) 0.01	11	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.18	Vert(TL) -0.03	10	>999	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.28	Horz(TL) 0.01	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)						
							Weight: 73 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B2 2 X 4 SYP No.3, B3 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
 6-0-0 oc bracing: 1-12.

REACTIONS (lb/size) 5=174/Mechanical, 6=756/Mechanical, 12=620/1-0-1
 Max Horz 12=1(load case 4)
 Max Uplift 5=55(load case 2), 6=240(load case 2), 12=197(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-13=-97/294, 2-13=-97/295, 2-3=-648/206, 3-4=-684/217, 4-14=-89/53, 5-14=-17/54
 BOT CHORD 1-15=-269/89, 12-15=-269/89, 11-12=-11/35, 10-11=0/0, 9-11=-8/24, 3-9=-151/48, 8-9=-202/634, 7-8=-195/613, 6-7=0/0
 WEBS 2-12=-474/150, 9-12=-323/102, 3-8=-43/7, 4-8=-80/253, 4-7=-790/251, 2-9=-276/871

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 55 lb uplift at joint 5, 240 lb uplift at joint 6 and 197 lb uplift at joint 12.
- 5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 123 lb down and 39 lb up at 0-0-0 on top chord, and 212 lb down and 67 lb up at 13-0-5 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)

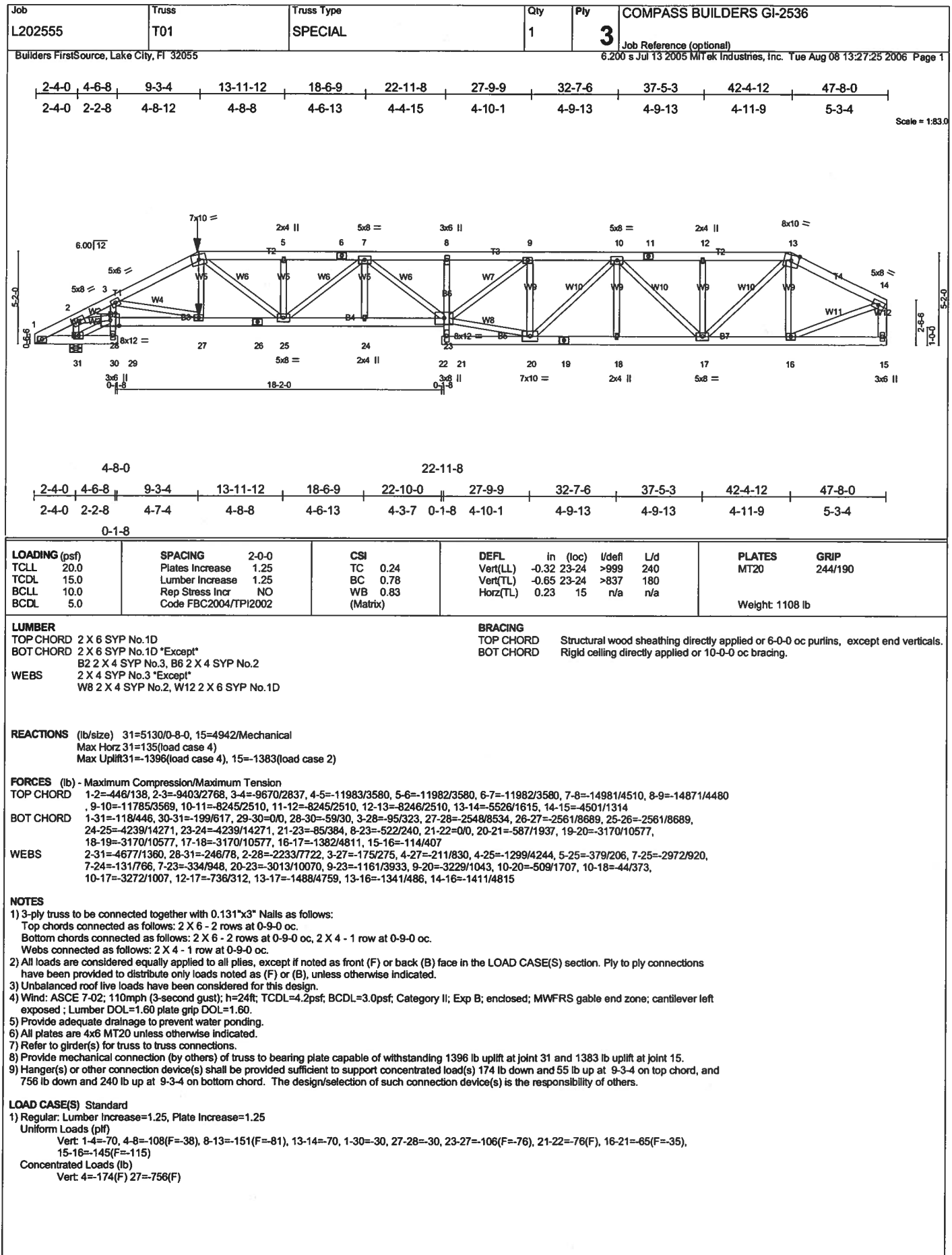
Vert: 1-13=0, 5-14=-35(F=-35)

Concentrated Loads (lb)

Vert: 1=-123(F) 7=-212(F)

Trapezoidal Loads (plf)

Vert: 13=0-to-14=-166(F=-166), 1=0-to-15=-7(F=-7), 15=0-to-11=-24(F=-24), 11=-24(F=-24)-to-10=-26(F=-26), 9=-24(F=-24)-to-6=-71(F=-71)



Job L202555	Truss T02	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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2-4-0	5-11-12	9-6-0	11-3-4	17-3-2	22-11-8	28-8-13	34-5-15	40-4-12	47-8-0
2-4-0	3-7-12	3-6-4	1-9-4	5-11-14	5-8-6	5-9-5	5-9-1	5-10-13	7-3-4

Scale = 1:83.3

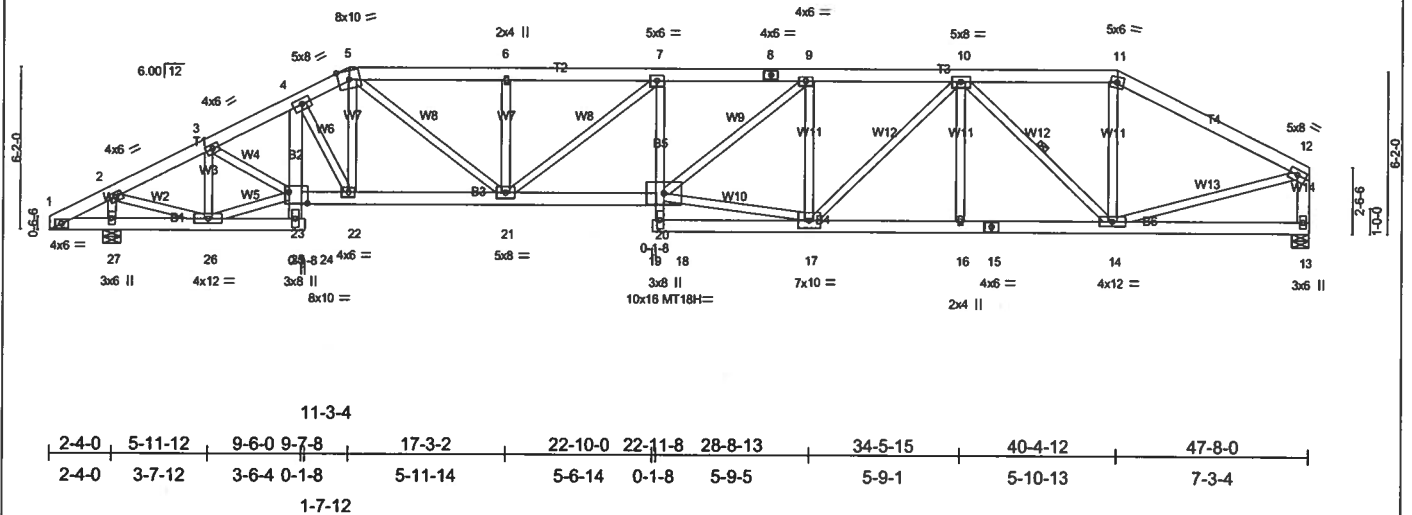


Plate Offsets (X,Y): [23.0-8.4.0-5-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.27	Vert(LL)	-0.32	20-21	>999	240	MT20
TCDL 15.0	Lumber Increase	1.25	BC 0.72	Vert(TL)	-0.63	20-21	>855	180	MT18H
BCLL 10.0	Rep Stress Incr	YES	WB 0.81	Horz(TL)	0.21	13	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 385 lb

LUMBER
 TOP CHORD 2 X 6 SYP No.1D
 BOT CHORD 2 X 6 SYP No.1D "Except"
 B5 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3 "Except"
 W10 2 X 4 SYP No.2, W14 2 X 6 SYP No.1D

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-6-6 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-4-2 oc bracing.
 WEBS 1 Row at midpt 10-14

REACTIONS (lb/size) 27=2508/0-8-0, 13=2255/0-8-0
 Max Horz 27=149(load case 5)
 Max Uplift 27=639(load case 5), 13=564(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-184/56, 2-3=-2730/902, 3-4=-3994/1380, 4-5=-3871/1375, 5-6=-4820/1706, 6-7=-4820/1706, 7-8=-5421/1908, 8-9=-5421/1908, 9-10=-4349/1561, 10-11=-2437/943, 11-12=-2822/966, 12-13=-2118/773
 BOT CHORD 1-27=-37/173, 26-27=-149/173, 25-26=-232/714, 24-25=0/0, 23-25=-36/188, 4-23=-47/123, 22-23=-1148/3565, 21-22=-1098/3495, 20-21=-1737/5455, 18-20=-6/150, 7-20=0/153, 18-19=0/0, 17-18=-198/619, 16-17=-1165/3683, 15-16=-1165/3683, 14-15=-1165/3683, 13-14=-122/279
 WEBS 2-27=-2180/836, 2-26=-769/2324, 3-26=-1442/550, 23-26=-594/1748, 3-23=-400/1344, 4-22=-168/123, 5-22=-82/272, 5-21=-571/1742, 6-21=-392/223, 7-21=-863/294, 17-20=-1206/3801, 9-20=-448/1392, 9-17=-1289/512, 10-17=-305/963, 10-16=0/187, 10-14=-1813/589, 11-14=-189/828, 12-14=-665/2232

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 639 lb uplift at joint 27 and 564 lb uplift at joint 13.

LOAD CASE(S) Standard

Job L202555	Truss T03	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:27 2006 Page 1

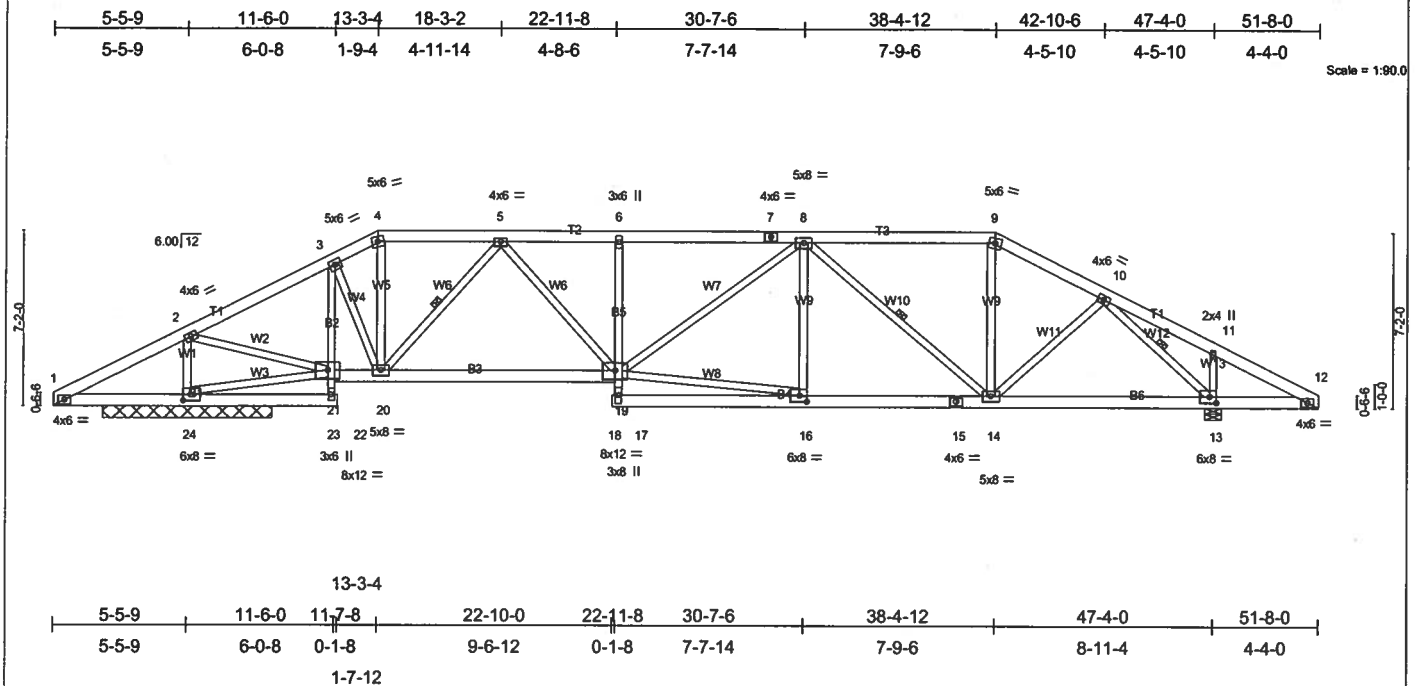


Plate Offsets (X,Y): [13:0-3-8-0-3-0], [16:0-3-8-0-3-0], [24:0-3-8-0-3-0]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)
TCLL 20.0	Plates Increase	1.25	TC 0.25	Vert(LL)	-0.21 19-20 >999 240
TCDL 15.0	Lumber Increase	1.25	BC 0.61	Vert(TL)	-0.40 19-20 >999 180
BCLL 10.0	Rep Stress Incr	YES	WB 0.83	Horz(TL)	0.13 13 n/a n/a
BCDL 5.0	Code FBC2004/TP12002		(Matrix)		
			PLATES GRIP		
			MT20 244/190		
			Weight: 401 lb		

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D	TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins.
BOT CHORD 2 X 6 SYP No.1D "Except"	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
B2 2 X 4 SYP No.3, B5 2 X 4 SYP No.2	WEBS 1 Row at midpt 5-20, 8-14, 10-13
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 24=2665/6-11-1, 13=2518/0-8-0
 Max Horz 24=-97(load case 3)
 Max Uplift 24=-640(load case 5), 13=-727(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-146/492, 2-3=-2347/807, 3-4=-2448/908, 4-5=-2218/843, 5-6=-3567/1282, 6-7=-3545/1282, 7-8=-3545/1282, 8-9=-2136/831,
 9-10=-2399/858, 10-11=-129/231, 11-12=-288/302
 BOT CHORD 1-24=-343/183, 23-24=-0/66, 22-23=0/0, 21-23=0/67, 3-21=-718/218, 20-21=-558/1989, 19-20=-854/3015, 17-19=0/154, 6-19=-439/241,
 17-18=0/0, 16-17=-156/484, 15-16=-806/3034, 14-15=-806/3034, 13-14=-386/1627, 12-13=-185/290
 WEBS 2-24=-2332/885, 21-24=-393/154, 2-21=-686/2432, 3-20=-144/583, 4-20=-253/755, 5-20=-1252/458, 5-19=-237/873, 16-19=-656/2572,
 8-19=-212/666, 8-16=-159/147, 8-14=-1245/439, 9-14=-113/580, 10-14=-213/723, 10-13=-2556/954, 11-13=-438/320

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 640 lb uplift at joint 24 and 727 lb uplift at joint 13.

LOAD CASE(S) Standard

Job L202555	Truss T04	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:28 2006 Page 1

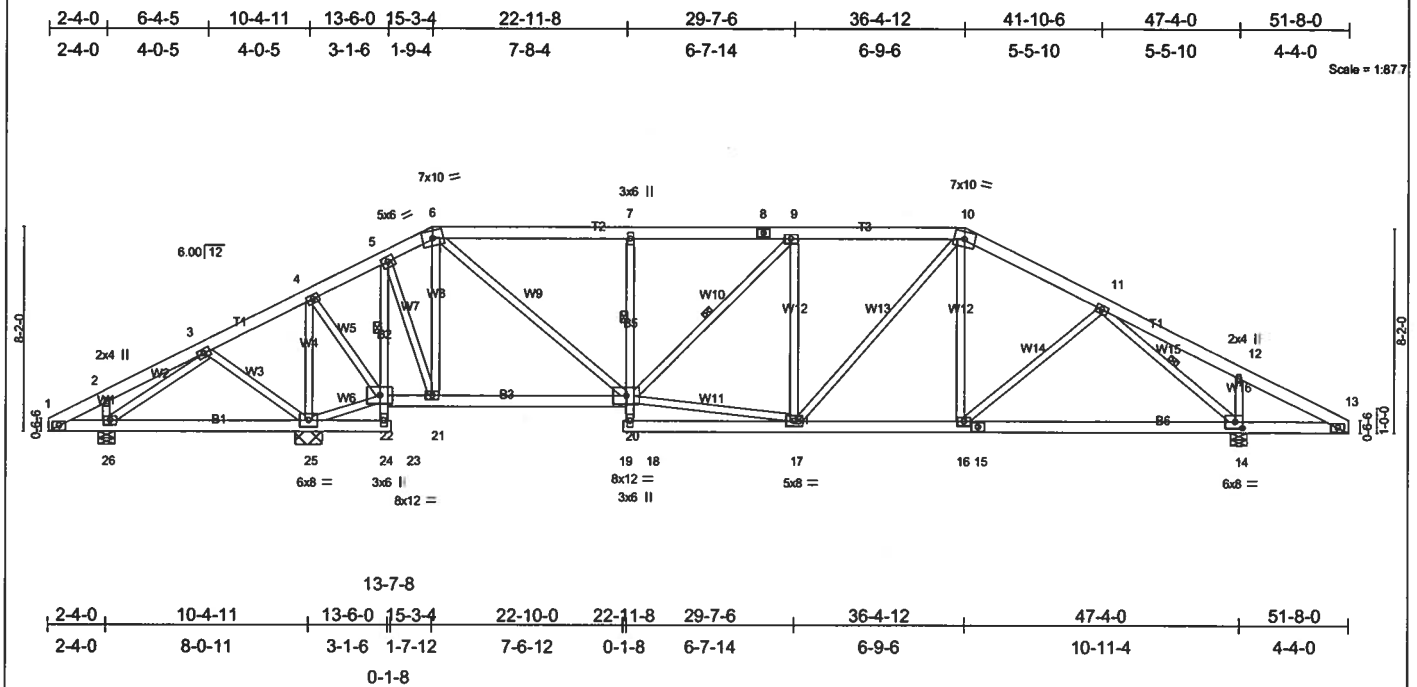


Plate Offsets (X,Y): [14:0-3-8,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.20	Vert(LL) -0.10	20-21	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.71	Vert(TL) -0.20	20-21	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.94	Horz(TL) 0.07	14	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)						
Weight: 419 lb								

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-9-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 1 Row at midpt 5-22, 7-20
 WEBS 1 Row at midpt 9-20, 11-14

REACTIONS (lb/size) 26=298/0-8-0, 25=2656/1-0-13, 14=2228/0-8-0

Max Horz 26=-112(load case 3)
 Max Uplift 26=-265(load case 5), 25=-735(load case 4), 14=-698(load case 6)
 Max Grav 26=325(load case 9), 25=2656(load case 1), 14=2228(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-40/155, 2-3=0/184, 3-4=-139/629, 4-5=-531/265, 5-6=-936/427, 6-7=-2003/806, 7-8=-1990/805, 8-9=-1990/805, 9-10=-2003/833,
 10-11=-1990/741, 11-12=-129/233, 12-13=-296/257
 BOT CHORD 1-26=-102/57, 25-26=-291/156, 24-25=-94/80, 23-24=0/0, 22-24=-43/87, 5-22=-1450/433, 21-22=-83/430, 20-21=-184/837, 18-20=0/131,
 7-20=-511/284, 18-19=0/0, 17-18=-92/326, 16-17=-334/1716, 15-16=-347/1471, 14-15=-347/1471, 13-14=-147/295
 WEBS 2-26=-203/155, 3-26=-151/300, 3-25=-343/252, 4-25=-2022/618, 22-25=-438/227, 4-22=-358/1565, 5-21=-353/1278, 6-21=-1013/387,
 6-20=-503/1543, 17-20=-378/1695, 9-20=-37/58, 9-17=-491/279, 10-17=-236/524, 10-16=0/136, 11-16=-114/405, 11-14=-2181/866,
 12-14=-432/338

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are 4x6 MT20 unless otherwise indicated.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 265 lb uplift at joint 26, 735 lb uplift at joint 25 and 698 lb uplift at joint 14.

LOAD CASE(S) Standard

Job L202555	Truss T05	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Milltek Industries, Inc. Tue Aug 08 13:27:30 2006 Page 1		

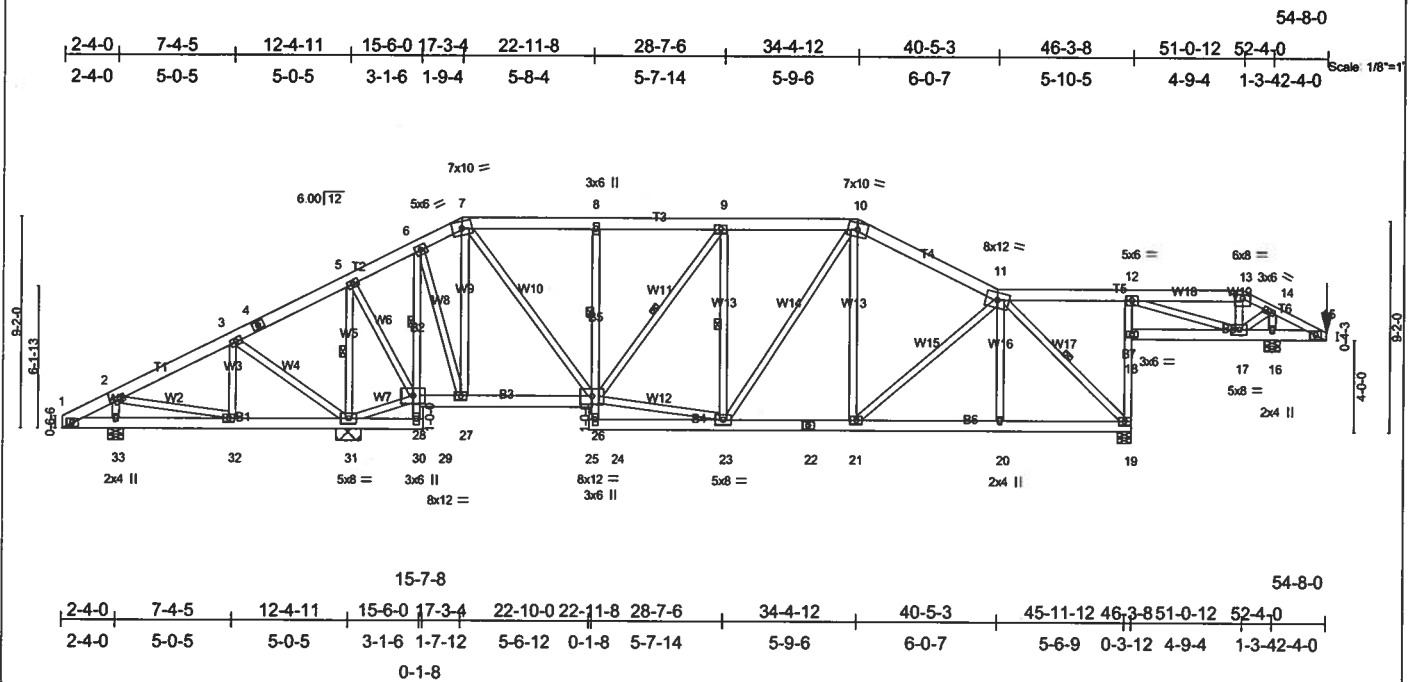


Plate Offsets (X,Y): (13:0-4-0-0-1-15)

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.21	Vert(LL)	-0.07 26-27	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.57	Vert(TL)	-0.13 26-27	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.83	Horz(TL)	0.06 19	n/a	n/a		
BCDL 5.0	Code FBC2004/TP2002		(Matrix)						
									Weight: 472 lb

LUMBER

TOP CHORD 2 X 6 SYP No.1D "Except"
T6 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D "Except"
B2 2 X 4 SYP No.3, B5 2 X 4 SYP No.3, B7 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 6-28, 8-26
WEBS 1 Row at midpt 5-31, 9-26, 9-23, 11-19

REACTIONS (lb/size) 19=1959/0-7-8, 33=606/0-8-0, 31=2371/1-0-13, 16=577/0-8-0

Max Horz 33=250(load case 4)
Max Uplift 19=569(load case 5), 33=311(load case 4), 31=764(load case 4), 16=346(load case 5)
Max Grav 19=1959(load case 1), 33=619(load case 8), 31=2371(load case 1), 16=578(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-58/117, 2-3=-248/122, 3-4=-105/166, 4-5=-96/302, 5-6=-607/178, 6-7=-896/269, 7-8=-1471/460, 8-9=-1466/460, 9-10=-1552/487,
10-11=-1700/457, 11-12=-0/73, 12-13=-25/81, 13-14=-60/84, 14-15=-130/266
BOT CHORD 1-33=-50/63, 32-33=-187/31, 31-32=-208/154, 30-31=-49/32, 29-30=0/0, 28-30=-16/35, 6-28=-1198/295, 27-28=-123/496, 26-27=-189/767,
24-26=0/110, 8-26=-409/218, 24-25=0/0, 23-24=-72/258, 22-23=-306/1445, 21-22=-306/1445, 20-21=-317/1352, 19-20=-316/1356,
18-19=-533/301, 12-18=-460/254, 17-18=-12/1, 16-17=-208/140, 15-16=-208/140
WEBS 2-33=-451/221, 2-32=-38/209, 3-32=-99/102, 3-31=-420/342, 5-31=-1843/472, 28-31=-162/96, 5-28=-314/1361, 6-27=-264/986,
7-27=-819/291, 7-26=-348/1171, 23-26=-311/1315, 9-26=-157/81, 9-23=-331/216, 10-23=-137/309, 10-21=-29/117, 11-21=-51/224,
11-20=0/181, 11-19=-1913/452, 12-17=-41/38, 13-17=-151/70, 14-17=-175/312, 14-16=-438/258

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All plates are 4x6 MT20 unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 569 lb uplift at joint 19, 311 lb uplift at joint 33, 764 lb uplift at joint 31 and 346 lb uplift at joint 16.
- Girder carries hip end with 3-7-4 right side setback, 46-3-8 left side setback, and 2-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 30 lb down and 17 lb up at 54-8-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-7=-70, 7-10=-70, 10-11=-70, 11-13=-70, 13-15=-70, 1-30=-30, 29-30=-30, 26-28=-30, 24-25=-30, 19-24=-30, 15-18=-30

Concentrated Loads (lb)

Vert: 15=-30(F)

Job L202555	Truss T06	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:31 2006 Page 1		

2-4-0	8-7-2	14-4-11	19-3-4	25-10-0	32-4-12	38-5-3	46-3-8	49-0-12	52-4-0	54-8-0
2-4-0	6-3-2	5-9-8	4-10-9	6-6-12	6-6-12	6-0-7	7-10-5	2-9-4	3-3-4	2-4-0

Scale: 1/8"=1'

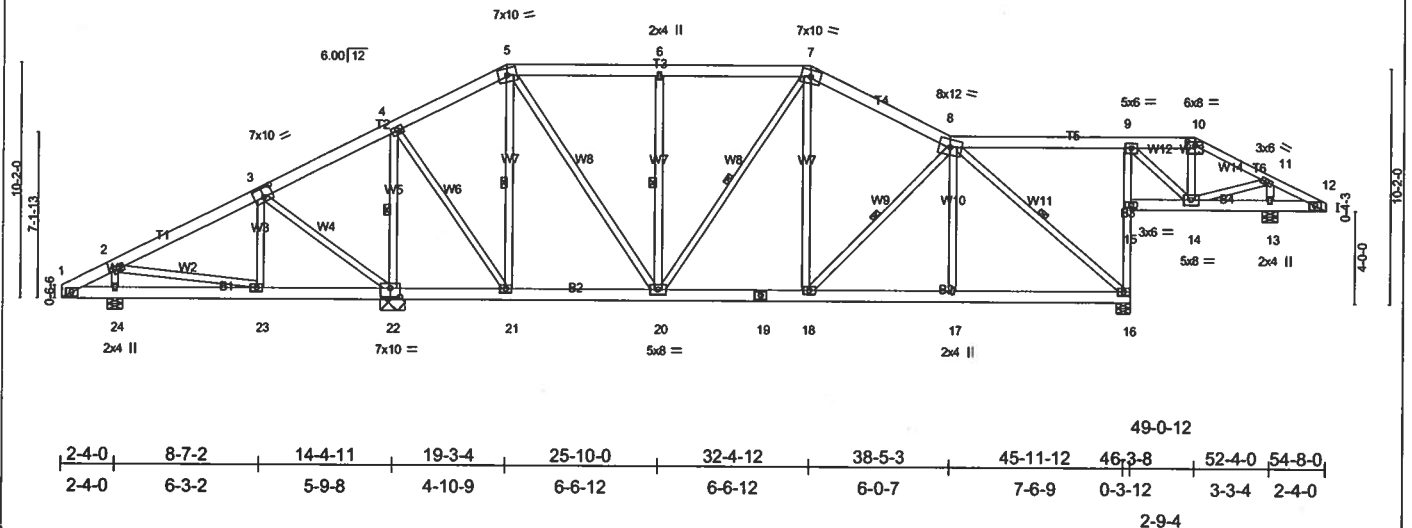


Plate Offsets (X,Y): [3:0-5-0,0-4-8], [10:0-4-0,0-1-15], [22:0-5-0,0-4-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.20	Vert(LL) -0.06	18-20	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.24	Vert(TL) -0.12	18-20	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.86	Horz(TL) 0.03	16	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)						
							Weight: 443 lb	

LUMBER
 TOP CHORD 2 X 6 SYP No.1D *Except*
 T6 2 X 4 SYP No.2
 BOT CHORD 2 X 6 SYP No.1D *Except*
 B3 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 4-22, 5-21, 6-20, 7-20, 8-18, 8-16

REACTIONS (lb/size) 24=841/0-8-0, 22=2174/1-0-13, 16=1922/0-7-8, 13=529/0-8-0
 Max Horz 24=264(load case 5)
 Max Uplift 24=400(load case 5), 22=760(load case 5), 16=571(load case 6), 13=327(load case 6)
 Max Grav 24=851(load case 9), 22=2174(load case 1), 16=1922(load case 1), 13=530(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-51/65, 2-3=-585/312, 3-4=-134/66, 4-5=-871/393, 5-6=-1218/586, 6-7=-1218/586, 7-8=-1532/629, 8-9=-13/129, 9-10=-72/171,
 10-11=-138/154, 11-12=-106/181
 BOT CHORD 1-24=-47/48, 23-24=-254/48, 22-23=-329/435, 21-22=-31/95, 20-21=-165/699, 19-20=-340/1291, 18-19=-340/1291, 17-18=-444/1396,
 16-17=-443/1401, 15-16=-614/354, 9-15=-576/303, 14-15=-18/22, 13-14=-123/114, 12-13=-123/114
 WEBS 2-24=-656/386, 2-23=-130/395, 3-23=-184/114, 3-22=-506/524, 4-22=-1669/664, 4-21=-334/1170, 5-21=-807/332, 5-20=-331/945,
 6-20=-476/268, 7-20=-142/107, 7-18=-97/312, 8-18=-166/178, 8-17=0/221, 8-16=-1836/596, 9-14=-75/120, 10-14=-71/22, 11-14=-154/206,
 11-13=-387/294

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are 4x6 MT20 unless otherwise indicated.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 400 lb uplift at joint 24, 760 lb uplift at joint 22, 571 lb uplift at joint 16 and 327 lb uplift at joint 13.

LOAD CASE(S) Standard

Job L202555	Truss T07	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mittek Industries, Inc. Tue Aug 08 13:27:32 2006 Page 1

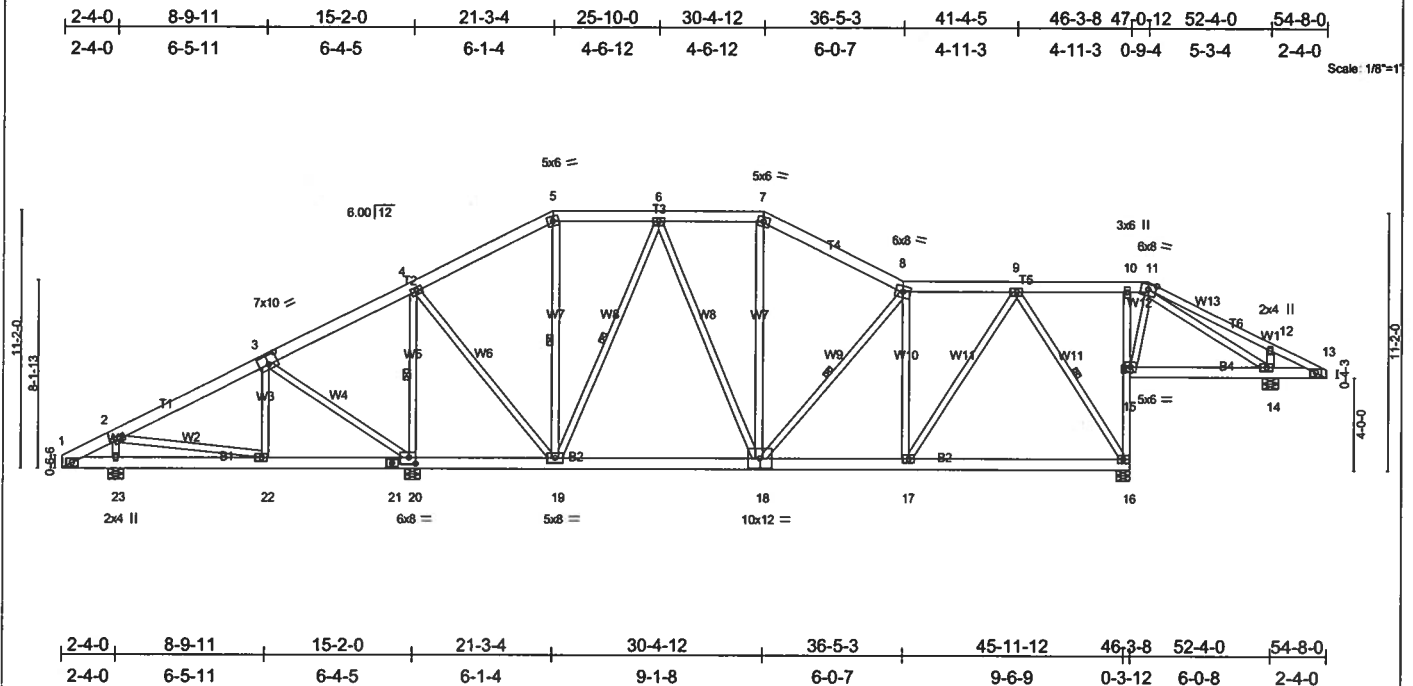


Plate Offsets (X,Y): [3.0-5.0,0.4-8], [20.0-3.8,0.3-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.25	In (loc) 16-17 >999	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.29	Vert(TL) -0.14 16-17 >999		
BCLL 10.0	Rep Stress Incr YES	WB 0.64	Horz(TL) 0.03 16 n/a		
BCDL 5.0	Code FBC2004/TP2002	(Matrx)			
Weight: 451 lb					

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D "Except"	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
T6 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
BOT CHORD 2 X 6 SYP No.1D "Except"	6-0-0 oc bracing: 19-20,15-16,13-14.
B3 2 X 4 SYP No.3	WEBS 1 Row at midpt 4-20, 5-19, 6-19, 8-18, 9-16
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 23=827/0-8-0, 20=2265/0-8-0, 16=1805/0-7-8, 14=570/0-8-0
 Max Horz 23=278(load case 5)
 Max Uplift 23=405(load case 5), 20=820(load case 5), 16=526(load case 6), 14=359(load case 6)
 Max Grav 23=843(load case 9), 20=2265(load case 1), 16=1805(load case 1), 14=571(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-56/69, 2-3=-572/316, 3-4=-64/172, 4-5=-864/396, 5-6=-682/417, 6-7=-1104/590, 7-8=-1322/582, 8-9=-1329/582, 9-10=-22/171,
 10-11=-32/176, 11-12=-48/119, 12-13=-32/90
 BOT CHORD 1-23=-52/55, 22-23=-274/55, 21-22=-331/421, 20-21=-331/421, 19-20=-66/144, 18-19=-198/946, 17-18=-400/1340, 16-17=-242/775,
 15-16=-461/273, 10-15=-225/137, 14-15=-14/66, 13-14=-34/37
 WEBS 2-23=-651/390, 2-22=-124/373, 3-22=-206/144, 3-20=-567/572, 4-20=-1734/720, 4-19=-335/1180, 5-19=-76/74, 6-19=-731/293,
 6-18=-167/426, 7-18=-32/165, 8-18=-389/246, 8-17=-632/298, 9-17=-288/1047, 9-16=-1427/490, 12-14=-313/244, 11-15=-165/99,
 11-14=-115/62

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All plates are 4x6 MT20 unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 405 lb uplift at joint 23, 820 lb uplift at joint 20, 526 lb uplift at joint 16 and 359 lb uplift at joint 14.

LOAD CASE(S) Standard

Job L202555	Truss T08	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:33 2006 Page 1		

2-4-0	7-11-5	13-6-11	17-2-9	23-3-4	28-4-12	34-5-3	39-10-11	45-0-12	46-3-8	52-4-0	54-8-0
2-4-0	5-7-5	5-7-5	3-7-15	6-0-11	5-1-8	6-0-7	5-5-9	5-2-1	1-2-12	6-0-8	2-4-0

Scale: 1/8"=1'

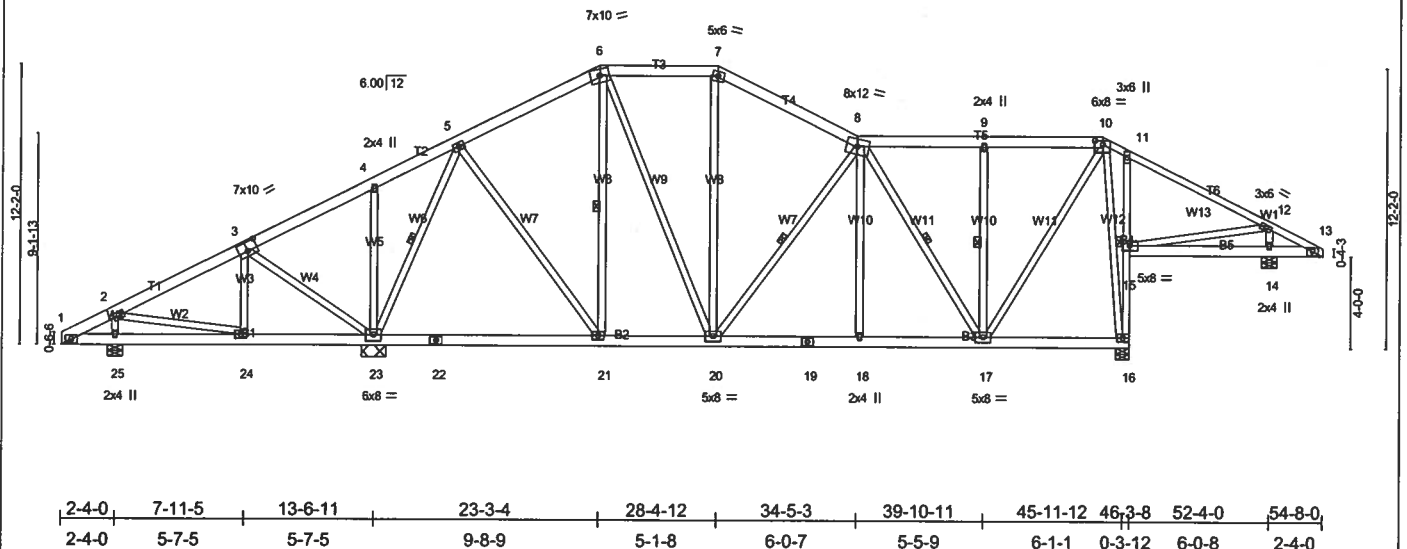


Plate Offsets (X,Y): [3:0-5:0,0-4-8], [10:0-4:0,0-1-15]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	PLATES
TCLL 20.0	Plates Increase	1.25	TC 0.39	in (loc) I/defl L/d	GRIP
TCDL 15.0	Lumber Increase	1.25	BC 0.21	Vert(LL) -0.06 18-20 >999 240	MT20 244/190
BCLL 10.0	Rep Stress Incr	YES	WB 0.82	Vert(TL) -0.12 18-20 >999 180	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)	Horz(TL) 0.03 16 n/a n/a	
Weight: 474 lb					

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D "Except"	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
T6 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
BOT CHORD 2 X 6 SYP No.1D "Except"	6-0-0 oc bracing: 1-25,24-25,15-16.
B4 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-23, 6-21, 8-20, 8-17, 9-17, 10-16
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 25=687/0-8-0, 23=2337/1-0-13, 14=557/0-8-0, 16=1885/0-7-8
 Max Horz 25=292(load case 5)
 Max Uplift 25=332(load case 5), 23=856(load case 5), 14=374(load case 6), 16=536(load case 6)
 Max Grav 25=705(load case 9), 23=2337(load case 1), 14=558(load case 10), 16=1885(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-46/74, 2-3=-361/211, 3-4=-132/259, 4-5=-37/222, 5-6=-1092/533, 6-7=-1066/621, 7-8=-1283/620, 8-9=-926/504, 9-10=-929/506,
 10-11=-115/283, 11-12=-118/172, 12-13=-6/72
 BOT CHORD 1-25=-26/49, 24-25=-244/63, 23-24=-262/244, 22-23=-99/459, 21-22=-99/459, 20-21=-151/890, 19-20=-409/1359, 18-19=-409/1359,
 17-18=-408/1362, 16-17=-35/164, 15-16=-535/381, 11-15=-456/280, 14-15=-51/6, 13-14=-51/6
 WEBS 2-25=-520/332, 2-24=-98/254, 3-24=-191/98, 3-23=-460/516, 4-23=-338/248, 5-23=-1572/598, 5-21=-150/748, 6-21=-367/183,
 6-20=-213/517, 7-20=-51/151, 8-20=-521/312, 8-18=0/174, 8-17=-820/268, 9-17=-414/230, 10-17=-466/1498, 12-15=-9/49, 12-14=-389/306,
 10-16=-1272/326

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are 4x6 MT20 unless otherwise indicated.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 332 lb uplift at joint 25, 856 lb uplift at joint 23, 374 lb uplift at joint 14 and 536 lb uplift at joint 16.

LOAD CASE(S) Standard

Job L202555	Truss T09	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Tue Aug 08 13:27:34 2006 Page 1		

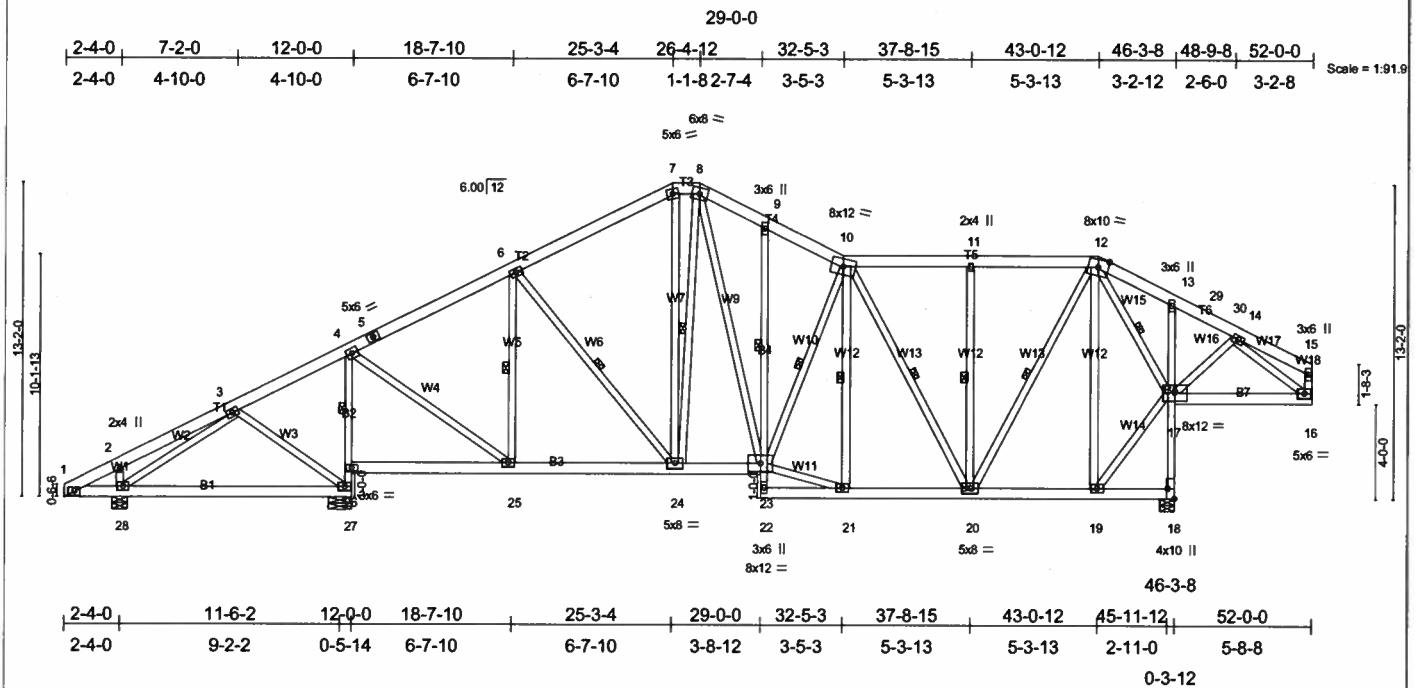


Plate Offsets (X,Y): [18:Edge,0-3-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.29	Vert(LL)	0.08	27-28	>999	240	
TCDL 15.0	Lumber Increase	1.25	BC 0.65	Vert(TL)	-0.12	9	>999	180	
BCLL 10.0	Rep Stress Incr	NO	WB 0.63	Horz(TL)	0.02	18	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
									Weight: 517 lb

LUMBER

TOP CHORD 2 X 6 SYP No.1D
 BOT CHORD 2 X 6 SYP No.1D "Except"
 B2 2 X 4 SYP No.3, B4 2 X 4 SYP No.3, B6 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 2-8-6 oc bracing. Except:
 1 Row at midpt 4-26, 9-23
 1 Row at midpt 6-25, 6-24, 8-24, 10-23, 10-21, 10-20, 11-20, 12-20, 12-17

REACTIONS (lb/size) 18=3468/0-7-8, 28=696/0-8-0, 27=2049/0-11-12

Max Horz 28=347 (load case 5)
 Max Uplift 18=1396 (load case 6), 28=315 (load case 5), 27=740 (load case 5)
 Max Grav 18=3468 (load case 1), 28=709 (load case 9), 27=2049 (load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-115/131, 2-3=-137/205, 3-4=-76/170, 4-5=-1205/465, 5-6=-1098/487, 6-7=-1241/567, 7-8=-1018/579, 8-9=-1266/634, 9-10=-1317/570, 10-11=-692/268, 11-12=-692/268, 12-13=-878/1513, 13-29=-956/1524, 29-30=-964/1455, 14-30=-933/1398, 14-15=-226/195, 15-16=-501/346
 BOT CHORD 1-28=-94/83, 27-28=-316/231, 26-27=-1759/570, 4-26=-1649/579, 25-26=-106/19, 24-25=-304/983, 23-24=-191/1010, 22-23=-2/72, 9-23=-152/118, 21-22=-44/185, 20-21=-231/1103, 19-20=-136/250, 18-19=-21/21, 17-18=-3421/1853, 13-17=-243/178, 16-17=-556/409
 WEBS 2-28=-261/183, 3-28=-216/46, 3-27=-280/260, 4-25=-245/1218, 6-25=-530/203, 6-24=-84/167, 7-24=-46/190, 8-24=-117/234, 8-23=-215/499, 21-23=-196/959, 10-23=-46/160, 10-21=-172/98, 10-20=-854/389, 11-20=-386/215, 12-20=-609/1503, 12-19=-243/260, 14-17=-1059/773, 14-16=-636/839, 12-17=-2691/1503, 17-19=-190/371

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- C-C wind load user defined.
- Provide adequate drainage to prevent water ponding.
- All plates are 4x6 MT20 unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1396 lb uplift at joint 18, 315 lb uplift at joint 28 and 740 lb uplift at joint 27.
- Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S)

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-7=-70, 7-8=-70, 8-10=-70, 10-12=-70, 12-29=-70, 1-27=-30, 23-26=-30, 18-22=-30, 16-17=-30
 Trapezoidal Loads (plf)
 Vert: 29=-70-to-30=-76, 30=-352-to-15=-371
- C-C Wind: Lumber Increase=1.60, Plate Increase=1.60
 Uniform Loads (plf)
 Vert: 1-7=43, 7-8=39, 8-10=43, 10-12=39, 12-29=43, 1-27=35, 23-26=-6, 18-22=-6, 16-17=35
 Horz: 1-7=-51, 8-10=-51, 12-15=-51
 Drag: 7-8=-1, 10-11=-0, 11-12=0
 Trapezoidal Loads (plf)
 Vert: 29=43-to-30=37, 30=250-to-15=230
- MWFRS Wind Left: Lumber Increase=1.60, Plate Increase=1.60

Continued on page 2

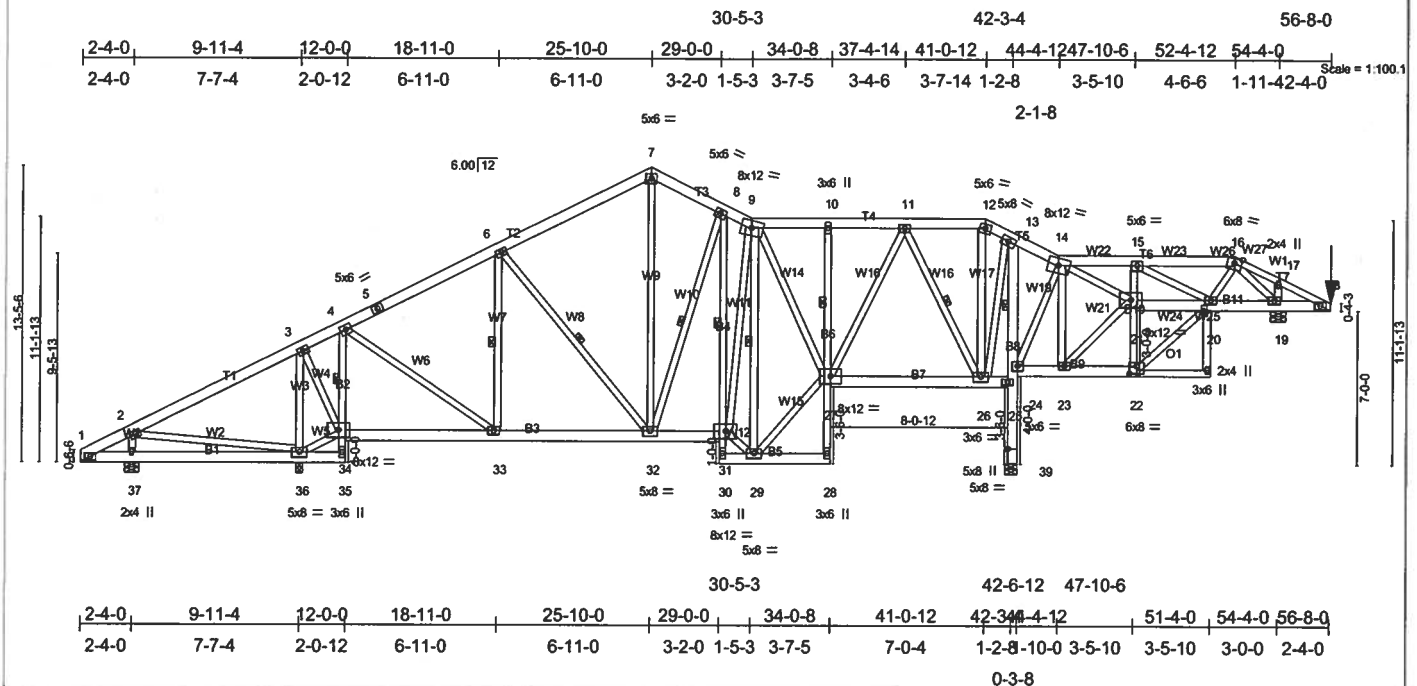
AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L202555	Truss T09	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Miltek Industries, Inc. Tue Aug 08 13:27:34 2006 Page 2		

LOAD CASE(S)

- Uniform Loads (plf)
Vert: 1-7=5, 7-8=38, 8-10=20, 10-12=18, 12-29=20, 1-27=19, 23-26=6, 18-22=6, 16-17=6
Horz: 1-7=-14, 8-10=28, 12-15=28
Drag: 7-8=-1, 10-11=0, 11-12=0
- Trapezoidal Loads (plf)
Vert: 29=20-to-30=14, 30=171-to-15=152
- 4) MWFRS Wind Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-7=20, 7-8=18, 8-10=5, 10-12=38, 12-29=5, 1-28=6, 27-28=19, 23-26=6, 18-22=6, 16-17=19
Horz: 1-7=-28, 8-10=14, 12-15=14
Drag: 7-8=0, 10-11=0, 11-12=0
- Trapezoidal Loads (plf)
Vert: 29=5-to-30=0, 30=157-to-15=137
- 5) MWFRS 1st Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-7=38, 7-8=38, 8-10=24, 10-12=24, 12-29=24, 1-27=19, 23-26=6, 18-22=6, 16-17=6
Horz: 1-7=-46, 8-10=32, 12-15=32
Drag: 7-8=-1, 10-11=0, 11-12=0
- Trapezoidal Loads (plf)
Vert: 29=24-to-30=18, 30=175-to-15=155
- 6) MWFRS 2nd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-7=24, 7-8=24, 8-10=38, 10-12=38, 12-29=38, 1-28=6, 27-28=19, 23-26=6, 18-22=6, 16-17=19
Horz: 1-7=-32, 8-10=46, 12-15=46
Drag: 7-8=0, 10-11=0, 11-12=0
- Trapezoidal Loads (plf)
Vert: 29=38-to-30=32, 30=189-to-15=169
- 7) MWFRS 3rd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-7=18, 7-8=18, 8-10=12, 10-12=12, 12-29=12, 1-27=19, 23-26=6, 18-22=6, 16-17=6
Horz: 1-7=-26, 8-10=20, 12-15=20
Drag: 7-8=0, 10-11=0, 11-12=0
- Trapezoidal Loads (plf)
Vert: 29=12-to-30=6, 30=108-to-15=89
- 8) MWFRS 4th Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-7=12, 7-8=12, 8-10=18, 10-12=18, 12-29=18, 1-28=6, 27-28=19, 23-26=6, 18-22=6, 16-17=19
Horz: 1-7=-20, 8-10=26, 12-15=26
Drag: 7-8=0, 10-11=0, 11-12=0
- Trapezoidal Loads (plf)
Vert: 29=18-to-30=12, 30=114-to-15=95
- 9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-7=-70, 7-8=-70, 8-10=-30, 10-12=-30, 12-29=-30, 1-27=-30, 23-26=-30, 18-22=-30, 16-17=-30
- Trapezoidal Loads (plf)
Vert: 29=-30-to-30=-36, 30=-312-to-15=-331
- 10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-7=-30, 7-8=-30, 8-10=-70, 10-12=-70, 12-29=-70, 1-27=-30, 23-26=-30, 18-22=-30, 16-17=-30
- Trapezoidal Loads (plf)
Vert: 29=-70-to-30=-76, 30=-352-to-15=-371

Job L202555	Truss T10	Truss Type SPECIAL	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mittek Industries, Inc. Tue Aug 08 13:27:36 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.25	in (loc) l/defl L/d	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.66	Vert(LL) -0.07 31 >999 240		
BCLL 10.0	Rep Stress Incr NO	WB 0.72	Vert(TL) -0.14 31-32 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.15 39 n/a n/a		
Weight: 587 lb					

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.10 *Except* T7 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2 X 6 SYP No.10 *Except* B2 2 X 4 SYP No.3, B4 2 X 4 SYP No.3, B6 2 X 4 SYP No.3, B10 2 X 4 SYP No.3	BOT CHORD Rigid ceiling directly applied or 4-11-10 oc bracing. Except: 1 Row at midpt 4-34, 8-31, 10-27, 13-24
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 6-33, 6-32, 8-32, 9-29, 11-26
OTHERS 2 X 4 SYP No.2	JOINTS 1 Brace at Jt(s): 21

REACTIONS (lb/size) 37=268/0-8-0, 36=2327/0-3-10, 19=599/0-8-0, 39=2503/0-6-12
 Max Horz 37=482(load case 4)
 Max Uplift 37=137(load case 4), 36=817(load case 4), 19=544(load case 5), 39=1000(load case 5)
 Max Grav 37=339(load case 8), 36=2327(load case 1), 19=628(load case 9), 39=2503(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-24/80, 2-3=-298/637, 3-4=-171/41, 4-5=-1135/259, 5-6=-1032/280, 6-7=-1072/353, 7-8=-960/353, 8-9=-1045/340, 9-10=-937/283,
 10-11=-941/282, 11-12=-125/183, 12-13=-120/126, 13-14=-252/606, 14-15=-9/205, 15-16=-111/248, 16-17=-105/252, 17-18=-162/259
 BOT CHORD 1-37=-50/29, 36-37=-470/29, 35-36=-92/0, 34-35=-131/79, 4-34=-1234/317, 33-34=-227/108, 32-33=-368/923, 31-32=-230/889,
 30-31=-99/29, 8-31=-43/150, 29-30=-64/249, 28-29=-6/1, 27-28=-23/25, 10-27=-206/120, 26-27=-79/459, 25-26=-495/232,
 25-39=-2503/1000, 24-25=-2366/925, 13-24=-1844/565, 23-24=-376/125, 22-23=-37/0, 20-21=-183/37, 19-20=-128/102, 18-19=-200/166,
 21-22=-43/63, 15-21=-369/176
 WEBS 2-37=-210/73, 2-36=-477/387, 3-36=-1694/634, 34-36=-443/36, 3-34=-289/1095, 4-33=-174/1061, 6-33=-401/153, 6-32=-203/197,
 7-32=-134/412, 8-32=-214/98, 29-31=-189/750, 9-31=-76/184, 9-29=-1060/304, 27-29=-305/1233, 9-27=-47/231, 11-27=-303/1098,
 11-26=-1463/473, 12-26=-14/61, 13-26=-369/1368, 14-24=-366/292, 14-21=-370/371, 16-20=-136/15, 16-19=-437/347, 17-19=-151/111,
 15-20=-83/146, 21-23=-492/213, 14-23=-114/239

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 3) Provide adequate drainage to prevent water ponding.
 4) All plates are 4x6 MT20 unless otherwise indicated.
 5) Bearing at joint(s) 39 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 137 lb uplift at joint 37, 817 lb uplift at joint 36, 544 lb uplift at joint 19 and 1000 lb uplift at joint 39.
 7) Girder carries hip end with 4-3-4 right side setback, 49-4-0 left side setback, and 2-3-4 end setback.
 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 30 lb down and 17 lb up at 56-8-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
 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: 1-7=-70, 7-9=-70, 9-12=-70, 12-14=-70, 14-16=-70, 16-18=-70, 1-35=-30, 31-34=-30, 28-30=-30, 25-27=-30, 22-24=-30, 18-21=-30
 Concentrated Loads (lb)
 Vert: 18=30(F)

Job L202555	Truss T11	Truss Type SPECIAL	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

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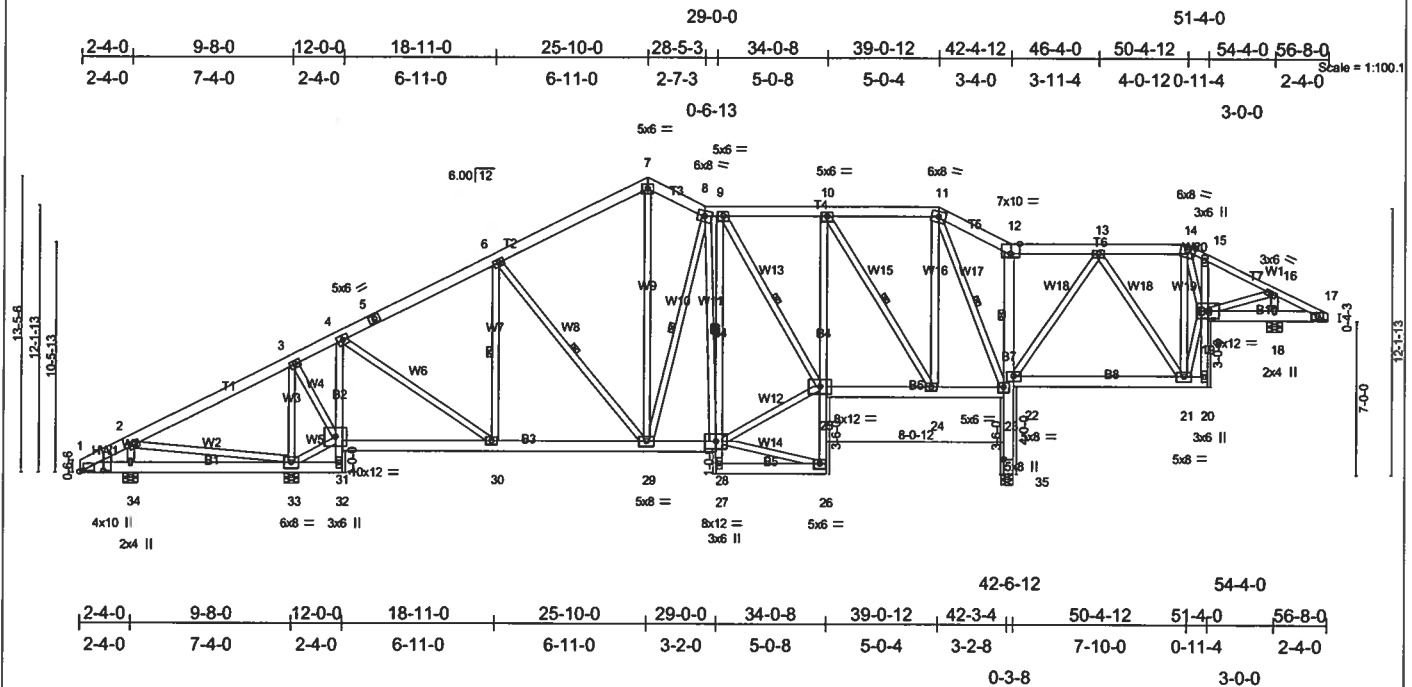


Plate Offsets (X,Y): [1:0-0-8,1-1-3], [1:0-2-4,0-10-10], [12:0-5-0,Edge], [27:0-2-13,12-11-15]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.19	Vert(LL)	-0.06	26-27	>999	240	
TCDL 15.0	Lumber Increase	1.25	BC 0.88	Vert(TL)	-0.12	9	>999	180	
BCLL 10.0	Rep Stress Incr	YES	WB 0.71	Horz(TL)	0.08	35	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
									Weight: 567 lb

LUMBER

TOP CHORD 2 X 6 SYP No.1D *Except*
T7 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D *Except*
B2 2 X 4 SYP No.3, B4 2 X 4 SYP No.3, B9 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 5-6-9 oc bracing. Except:
1 Row at midpt 9-28, 12-22
WEBS 1 Row at midpt 6-30, 6-29, 8-29, 8-28, 10-24, 11-23, 9-25

REACTIONS (lb/size) 34=304/0-8-0, 33=2313/0-8-0, 18=698/0-8-0, 35=2352/0-6-12

Max Horz 34=557(load case 5)
Max Uplift 34=112(load case 5), 33=832(load case 5), 18=368(load case 6), 35=941(load case 6)
Max Grav 34=354(load case 9), 33=2313(load case 1), 18=706(load case 10), 35=2352(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-40/81, 2-3=-422/557, 3-4=-335/65, 4-5=-1281/338, 5-6=-1176/358, 6-7=-1186/428, 7-8=-1055/440, 8-9=-1002/382, 9-10=-1014/365,
10-11=-382/130, 11-12=-254/305, 12-13=-263/254, 13-14=-158/137, 14-15=-275/237, 15-16=-347/204, 16-17=-111/162
BOT CHORD 1-34=-37/30, 33-34=-647/22, 32-33=-70/0, 31-32=-91/101, 4-31=-1194/411, 30-31=-415/269, 29-30=-598/1052, 28-29=-473/1012,
27-28=0/72, 9-28=-309/152, 26-27=0/51, 25-26=0/78, 10-25=-250/650, 24-25=-446/1013, 23-24=-160/382, 23-35=-2352/1250,
22-23=-757/565, 12-22=-176/99, 21-22=-150/56, 20-21=-189/32, 19-20=-95/40, 15-19=-89/66, 18-19=-107/119, 17-18=-107/119
WEBS 2-34=-226/45, 2-33=-408/493, 3-33=-1756/844, 31-33=-387/0, 3-31=-459/1194, 4-30=-226/969, 6-30=-351/194, 6-29=-234/205,
7-29=-141/494, 8-29=-320/112, 8-28=-130/106, 26-28=-37/0, 10-24=-1209/535, 11-24=-380/1120, 13-21=-253/193, 14-21=-376/346,
19-21=-357/448, 14-19=-372/327, 16-19=-207/391, 16-18=-534/340, 13-22=-540/444, 11-23=-1615/701, 9-25=-60/88, 25-28=-519/1116

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MVFRS for reactions.
- Provide adequate drainage to prevent water ponding.
- All plates are 4x6 MT20 unless otherwise indicated.
- Bearing at joint(s) 35 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 34, 832 lb uplift at joint 33, 368 lb uplift at joint 18 and 941 lb uplift at joint 35.

LOAD CASE(S) Standard

AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L202555	Truss T12	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Tue Aug 08 13:27:38 2006 Page 1		

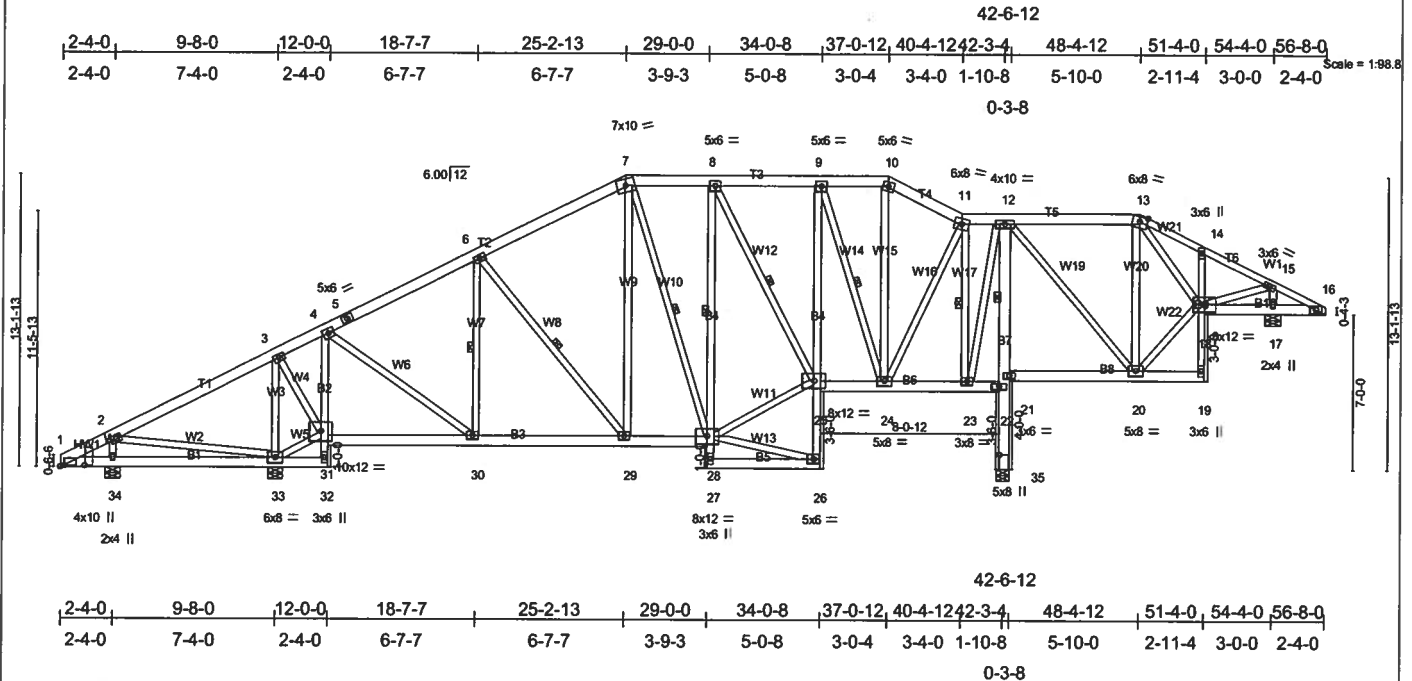


Plate Offsets (X,Y): [1:0-2,4-0-0-10], [1:0-0,8-1-1-3], [2:3-3,6-1-5-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	L/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.27	Vert(LL)	-0.06 29-30	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.89	Vert(TL)	-0.12 29-30	>999	180		
BCCL 10.0	Rep Stress Incr	YES	WB 0.73	Horz(TL)	0.09 35	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 576 lb

LUMBER

TOP CHORD 2 X 6 SYP No.1D "Except"
T8 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D "Except"
B2 2 X 4 SYP No.3, B4 2 X 4 SYP No.3, B9 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 5-9-1 oc bracing. Except:
1 Row at midpt 8-28, 12-21
WEBS 1 Row at midpt 6-30, 6-29, 7-28, 9-24, 8-25, 11-23

REACTIONS (lb/size)

34=322/0-8-0, 33=2340/0-8-0, 17=832/0-8-0, 35=2173/0-6-12
Max Horz 34=553(load case 5)
Max Uplift 34=111(load case 5), 33=850(load case 5), 17=434(load case 6), 35=750(load case 6)
Max Grav 34=330(load case 9), 33=2340(load case 1), 17=834(load case 10), 35=2173(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-40/78, 2-3=-418/527, 3-4=-388/74, 4-5=-1336/362, 5-6=-1237/385, 6-7=-1279/467, 7-8=-1012/446, 8-9=-1026/446, 9-10=-758/328, 10-11=-851/312, 11-12=-260/82, 12-13=-230/199, 13-14=-493/400, 14-15=-519/324, 15-16=-107/152
BOT CHORD 1-34=-38/30, 33-34=-647/15, 32-33=-60/0, 31-32=-89/101, 4-31=-1210/419, 30-31=-426/310, 29-30=-626/1107, 28-29=-519/1048, 27-28=0/68, 8-28=-378/201, 26-27=0/23, 25-26=0/73, 9-25=-206/569, 24-25=-476/1023, 23-24=-174/307, 22-23=-84/55, 22-35=-2173/1134, 21-22=-1911/992, 12-21=-1794/874, 20-21=-85/36, 19-20=-173/20, 18-19=-64/45, 14-18=-173/143, 17-18=-98/115, 16-17=-98/115
WEBS 2-34=-206/44, 2-33=-383/488, 3-33=-1800/869, 31-33=-366/0, 3-31=-474/1223, 4-30=-251/1000, 6-30=-392/211, 6-29=-110/185, 7-29=-102/251, 7-28=-136/141, 26-28=-31/17, 9-24=-878/373, 10-24=-2/97, 11-24=-441/1070, 12-20=-342/298, 13-20=-342/277, 18-20=-197/308, 13-18=-348/311, 15-18=-319/546, 15-17=-657/429, 8-25=-40/94, 25-28=-529/1108, 11-23=-1156/507, 12-23=-329/968

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All plates are 4x6 MT20 unless otherwise indicated.
- Bearing at joint(s) 35 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 34, 850 lb uplift at joint 33, 434 lb uplift at joint 17 and 750 lb uplift at joint 35.

LOAD CASE(S) Standard

Job L202555	Truss T13	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Tue Aug 08 13:27:40 2006 Page 1		

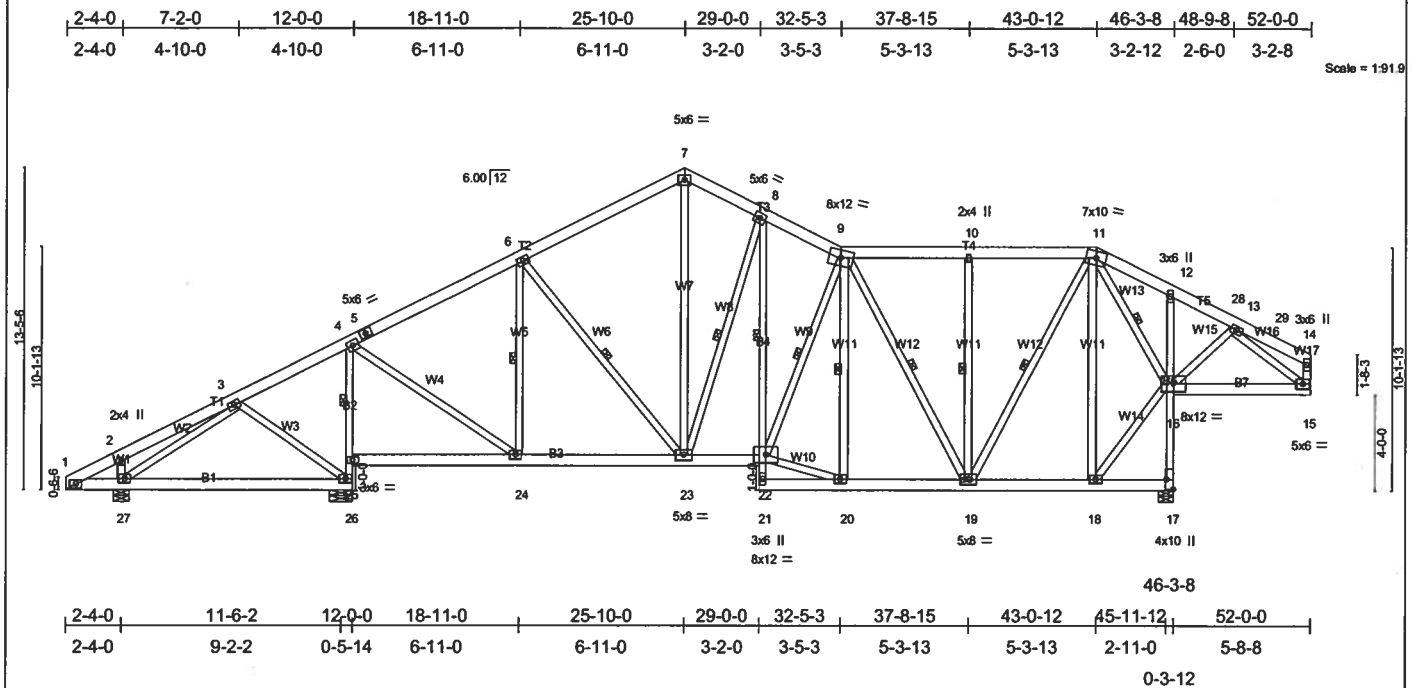


Plate Offsets (X,Y): [17:Edge,0-3-8]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	PLATES
TCLL 20.0	Plates Increase	1.25	TC 0.28	in (loc)	MT20
TCDL 15.0	Lumber Increase	1.25	BC 0.66	Vert(LL) 0.08 26-27 >999	GRIP 244/190
BCLL 10.0	Rep Stress Incr	NO	WB 0.62	Vert(TL) -0.13 21 >999	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)	Horz(TL) 0.02 17 n/a	
					Weight: 500 lb

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2 X 6 SYP No.1D "Except"	BOT CHORD Rigid ceiling directly applied or 2-8-10 oc bracing. Except:
B2 2 X 4 SYP No.3, B4 2 X 4 SYP No.3, B6 2 X 4 SYP No.3	1 Row at midpt 4-25, 8-22
WEBS 2 X 4 SYP No.3 "Except"	WEBS 1 Row at midpt 6-24, 6-23, 8-23, 9-22, 9-20, 9-19, 10-19, 11-19, 11-16
W17 2 X 4 SYP No.2	

REACTIONS (lb/size) 17=3437/0-7-8, 27=680/0-8-0, 26=2072/0-11-12
 Max Horz 27=351 (load case 5)
 Max Uplift 17=1425 (load case 6), 27=310 (load case 5), 26=738 (load case 5)
 Max Grav 17=3437 (load case 1), 27=699 (load case 9), 26=2072 (load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-115/132, 2-3=-138/206, 3-4=-73/174, 4-5=-1213/461, 5-6=-1192/487, 6-7=-1227/564, 7-8=-1119/579, 8-9=-1324/568, 9-10=-695/262, 10-11=-695/262, 11-12=-900/1491, 12-28=-978/1502, 13-28=-953/1378, 13-29=-78/185, 14-29=-228/187, 14-15=-499/354
 BOT CHORD 1-27=-95/83, 26-27=-308/218, 25-26=-1781/578, 4-25=-1666/588, 24-25=-99/7, 23-24=-300/985, 22-23=-228/1122, 21-22=-27/1, 8-22=-95/346, 20-21=-40/178, 19-20=-225/1101, 18-19=-132/258, 17-18=-21/21, 16-17=-3389/1880, 12-16=-243/180, 15-16=-551/414
 WEBS 2-27=-261/183, 3-27=-198/49, 3-26=-281/259, 4-24=-245/1233, 6-24=-515/201, 6-23=-118/179, 7-23=-241/550, 8-23=-449/184, 20-22=-197/974, 9-22=-23/159, 9-20=-203/103, 9-19=-843/391, 10-19=-392/215, 11-19=-613/1495, 11-18=-252/256, 16-18=-183/383, 11-16=-2664/1527, 13-16=-1038/793, 13-15=-648/837

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B: enclosed; MWFRS gable end zone; cantilever left and right exposed; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 3) C-C wind load user defined.
 4) Provide adequate drainage to prevent water ponding.
 5) All plates are 4x6 MT20 unless otherwise indicated.
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1425 lb uplift at joint 17, 310 lb uplift at joint 27 and 738 lb uplift at joint 26.
 7) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S)
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-7=70, 7-9=70, 9-11=70, 11-28=70, 28-29=346, 1-26=30, 22-25=30, 17-21=30, 15-16=30
 Trapezoidal Loads (plf)
 Vert: 29=346-to-14=371
 2) C-C Wind: Lumber Increase=1.60, Plate Increase=1.60
 Uniform Loads (plf)
 Vert: 1-7=43, 7-9=43, 9-11=39, 11-28=43, 28-29=255, 1-26=35, 22-25=6, 17-21=6, 15-16=35
 Horz: 1-7=-51, 7-9=-51, 11-14=51
 Drag: 9-10=0, 10-11=0
 Trapezoidal Loads (plf)
 Vert: 29=255-to-14=230
 3) MWFRS Wind Left: Lumber Increase=1.60, Plate Increase=1.60

Continued on page 2

AUGUST 10, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L202555	Truss T13	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:40 2006 Page 2		

LOAD CASE(S)

Uniform Loads (plf)

Vert: 1-7=5, 7-9=20, 9-11=18, 11-28=20, 28-29=127, 1-26=19, 22-25=-6, 17-21=-6, 15-16=-6
 Horz: 1-7=-14, 7-9=28, 11-14=28
 Drag: 9-10=0, 10-11=0

Trapezoidal Loads (plf)

Vert: 29=127-to-14=102

4) MWFRS Wind Right: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-7=20, 7-9=5, 9-11=38, 11-28=5, 28-29=162, 1-27=-6, 26-27=19, 22-25=-6, 17-21=-6, 15-16=19
 Horz: 1-7=-28, 7-9=14, 11-14=14
 Drag: 9-10=0, 10-11=0

Trapezoidal Loads (plf)

Vert: 29=162-to-14=137

5) MWFRS 1st Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-7=38, 7-9=24, 9-11=24, 11-28=24, 28-29=180, 1-26=19, 22-25=-6, 17-21=-6, 15-16=-6
 Horz: 1-7=-46, 7-9=32, 11-14=32
 Drag: 9-10=0, 10-11=0

Trapezoidal Loads (plf)

Vert: 29=180-to-14=155

6) MWFRS 2nd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-7=24, 7-9=38, 9-11=38, 11-28=38, 28-29=194, 1-27=-6, 26-27=19, 22-25=-6, 17-21=-6, 15-16=19
 Horz: 1-7=-32, 7-9=46, 11-14=46
 Drag: 9-10=0, 10-11=0

Trapezoidal Loads (plf)

Vert: 29=194-to-14=169

7) MWFRS 3rd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-7=18, 7-9=12, 9-11=12, 11-28=12, 28-29=114, 1-26=19, 22-25=-6, 17-21=-6, 15-16=-6
 Horz: 1-7=-26, 7-9=20, 11-14=20
 Drag: 9-10=0, 10-11=0

Trapezoidal Loads (plf)

Vert: 29=114-to-14=89

8) MWFRS 4th Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-7=12, 7-9=18, 9-11=18, 11-28=18, 28-29=120, 1-27=-6, 26-27=19, 22-25=-6, 17-21=-6, 15-16=19
 Horz: 1-7=-20, 7-9=26, 11-14=26
 Drag: 9-10=0, 10-11=0

Trapezoidal Loads (plf)

Vert: 29=120-to-14=95

9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-7=-70, 7-9=-30, 9-11=-30, 11-28=-30, 28-29=-306, 1-26=-30, 22-25=-30, 17-21=-30, 15-16=-30

Trapezoidal Loads (plf)

Vert: 29=-306-to-14=-331

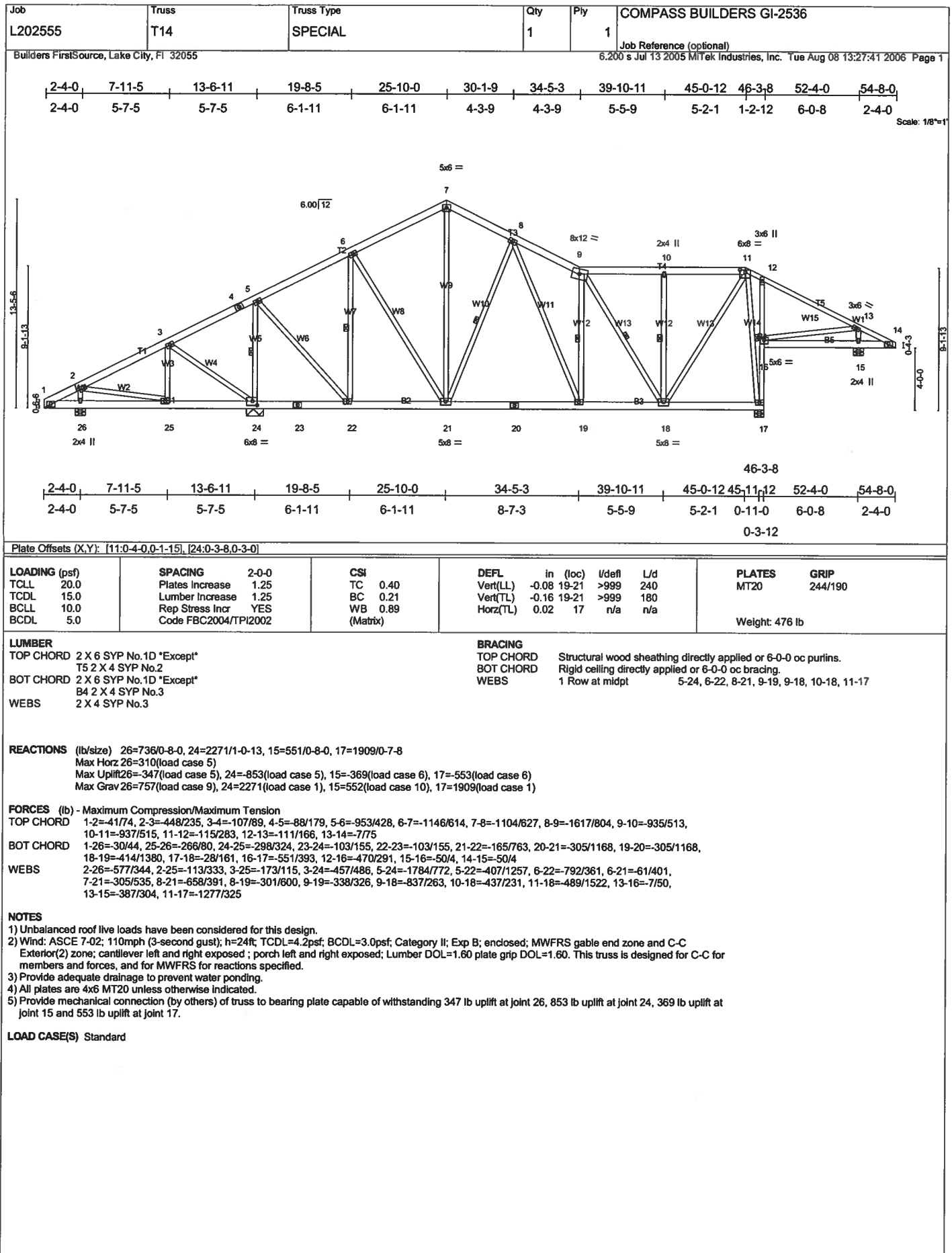
10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-7=-30, 7-9=-70, 9-11=-70, 11-28=-70, 28-29=-346, 1-26=-30, 22-25=-30, 17-21=-30, 15-16=-30

Trapezoidal Loads (plf)

Vert: 29=-346-to-14=-371



Job L202555	Truss T15	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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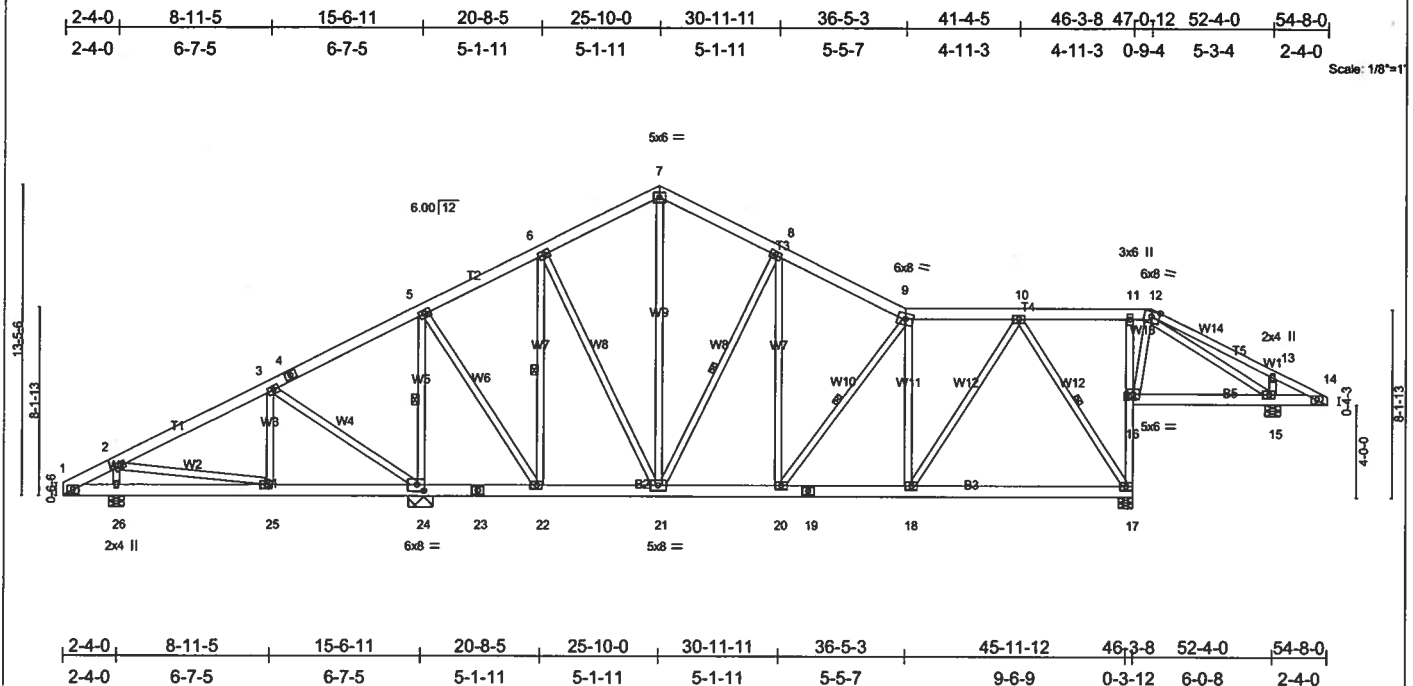


Plate Offsets (X,Y): [24:0-3-8,0-3-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.25	in (loc) l/defl L/d	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.26	Vert(LL) -0.08 17-18 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.72	Vert(TL) -0.14 17-18 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 17 n/a n/a		
	Code FBC2004/TP2002			Weight: 471 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D *Except*	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
T5 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
BOT CHORD 2 X 6 SYP No.1D *Except*	6-0-0 oc bracing: 22-24,16-17,14-15.
B4 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-24, 6-22, 8-21, 9-20, 10-17
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 26=881/0-8-0, 24=2214/1-0-13, 17=1806/0-7-8, 15=565/0-8-0
 Max Horz 26=310(load case 5)
 Max Uplift 26=405(load case 5), 24=875(load case 5), 17=540(load case 6), 15=357(load case 6)
 Max Grav 26=887(load case 9), 24=2214(load case 1), 17=1806(load case 1), 15=567(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-67/75, 2-3=-643/334, 3-4=-110/21, 4-5=-79/107, 5-6=-767/363, 6-7=-966/545, 7-8=-972/548, 8-9=-1324/594, 9-10=-1319/580,
 10-11=-19/170, 11-12=-28/174, 12-13=-46/119, 13-14=-33/93
 BOT CHORD 1-26=-58/66, 25-26=-306/66, 24-25=-351/485, 23-24=-28/168, 22-23=-28/168, 21-22=-84/602, 20-21=-269/1112, 19-20=-398/1330,
 18-19=-398/1330, 17-18=-242/770, 16-17=-466/275, 15-16=-231/134, 14-15=-11/62, 13-14=-34/37
 WEBS 2-26=-688/397, 2-25=-135/427, 3-25=-208/143, 3-24=-582/598, 5-24=-1665/731, 5-22=-352/1102, 6-22=-809/364, 6-21=-113/480,
 7-21=-248/413, 8-21=-732/397, 8-20=-150/431, 9-20=-398/223, 9-18=-602/292, 10-18=-284/1038, 10-17=-1425/493, 12-16=-166/98,
 13-15=-314/244, 12-15=-112/60

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide adequate drainage to prevent water ponding.
 4) All plates are 4x6 MT20 unless otherwise indicated.
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 405 lb uplift at joint 26, 875 lb uplift at joint 24, 540 lb uplift at joint 17 and 357 lb uplift at joint 15.

LOAD CASE(S) Standard

Job L202555	Truss T16	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Tue Aug 08 13:27:43 2006 Page 1

2-4-0	8-6-5	14-8-11	20-3-5	25-10-0	32-1-9	38-5-3	46-3-8	49-0-12	52-4-0	54-8-0
2-4-0	6-2-5	6-2-5	5-6-11	5-6-11	6-3-9	6-3-9	7-10-5	2-9-4	3-3-4	2-4-0

Scale: 1/8"=1'

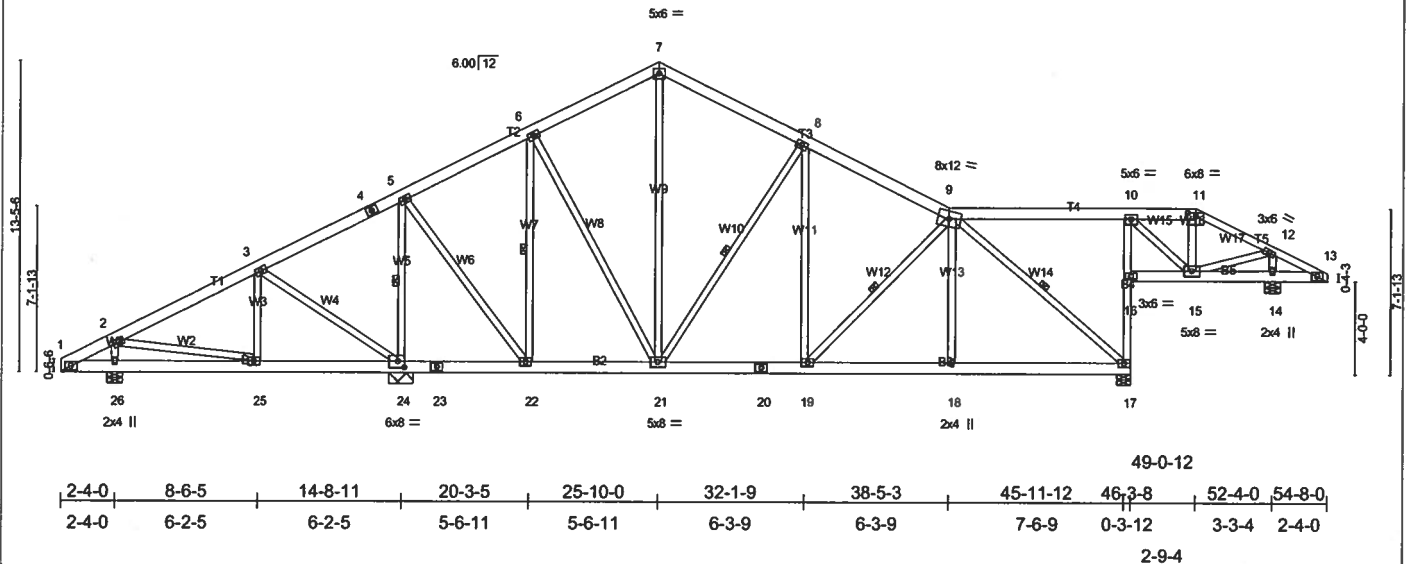


Plate Offsets (X,Y): [11:0-4-0,0-1-15], [24:0-3-8,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.20	in (loc) l/def L/d	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.24	Vert(LL) -0.06 18-19 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.84	Vert(TL) -0.12 18-19 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 17 n/a n/a		
	Code FBC2004/TP12002			Weight: 453 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D "Except"	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
T5 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
BOT CHORD 2 X 6 SYP No.1D "Except"	WEBS 1 Row at midpt 5-24, 6-22, 8-21, 9-19, 9-17
B4 2 X 4 SYP No.3	
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 26=829/0-8-0, 24=2221/1-0-13, 17=1887/0-7-8, 14=529/0-8-0
 Max Horz 26=310(load case 5)
 Max Uplift 26=383(load case 5), 24=858(load case 5), 17=589(load case 6), 14=326(load case 6)
 Max Grav 26=838(load case 9), 24=2221(load case 1), 17=1887(load case 1), 14=531(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=33/62, 2-3=570/296, 3-4=89/24, 4-5=69/122, 5-6=845/388, 6-7=1037/572, 7-8=1056/568, 8-9=1471/622, 9-10=12/128,
 10-11=73/170, 11-12=138/153, 12-13=106/181
 BOT CHORD 1-26=44/36, 25-26=289/70, 24-25=333/425, 23-24=49/160, 22-23=49/160, 21-22=117/689, 20-21=329/1226, 19-20=329/1226,
 18-19=441/1360, 17-18=440/1365, 16-17=609/353, 10-16=571/302, 15-16=18/23, 14-15=123/114, 13-14=123/114
 WEBS 2-26=647/377, 2-25=130/396, 3-25=192/130, 3-24=529/551, 5-24=1702/742, 5-22=367/1151, 6-22=787/358, 6-21=92/443,
 7-21=235/416, 8-21=712/384, 8-19=86/349, 9-19=227/170, 9-18=0/227, 9-17=1791/594, 10-15=75/122, 11-15=74/22, 12-15=154/208,
 12-14=388/293

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are 4x6 MT20 unless otherwise indicated.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 383 lb uplift at joint 26, 858 lb uplift at joint 24, 589 lb uplift at joint 17 and 326 lb uplift at joint 14.

LOAD CASE(S) Standard

Job L202555	Truss T17	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:44 2006 Page 1		

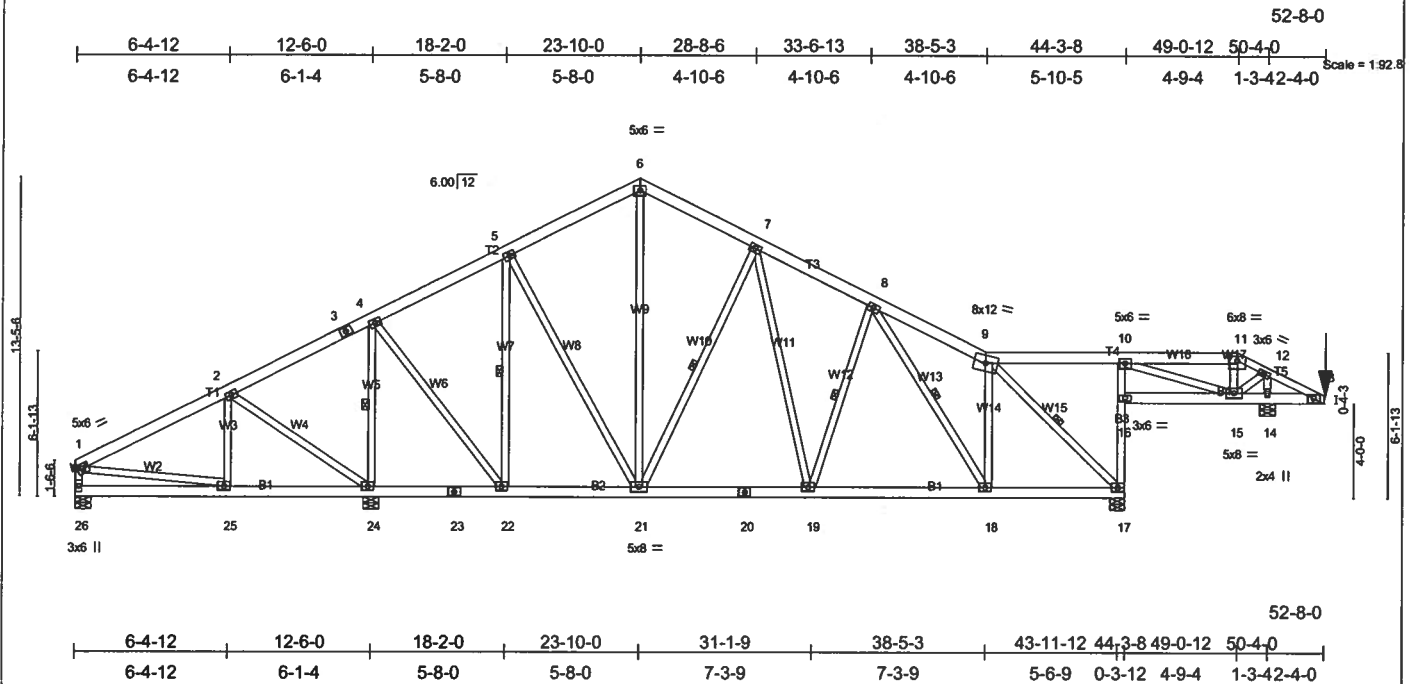


Plate Offsets (X,Y): [11:0-4-0,0-1-15]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.58	in (loc) I/def L/d	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.21	Vert(LL) -0.06 18-19 >999 240		
BCLL 10.0	Rep Stress Incr NO	WB 0.67	Vert(TL) -0.12 18-19 >999 180		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)	Horz(TL) 0.03 17 n/a n/a		
Weight: 450 lb					

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D *Except*	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
T5 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
BOT CHORD 2 X 6 SYP No.1D *Except*	WEBS 1 Row at midpt 4-24, 5-22, 7-21, 8-19, 8-18, 9-17
B3 2 X 4 SYP No.3	
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 26=595/0-8-0, 17=1889/0-7-8, 24=2221/0-8-0, 14=577/0-8-0
 Max Horz 26=259(load case 4)
 Max Uplift 26=250(load case 4), 17=599(load case 5), 24=856(load case 4), 14=341(load case 5)
 Max Grav 26=599(load case 8), 17=1889(load case 1), 24=2221(load case 1), 14=578(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=641/231, 2-3=119/30, 3-4=61/77, 4-5=897/327, 5-6=1078/462, 6-7=1061/450, 7-8=1499/542, 8-9=1500/523, 9-10=0/71,
 10-11=26/78, 11-12=61/81, 12-13=130/266, 1-26=497/191
 BOT CHORD 25-26=376/234, 24-25=365/491, 23-24=20/149, 22-23=20/149, 21-22=134/716, 20-21=196/1165, 19-20=196/1165, 18-19=307/1346,
 17-18=327/1286, 16-17=539/292, 10-16=466/246, 15-16=13/7, 14-15=208/140, 13-14=208/140
 WEBS 2-25=130/151, 2-24=572/452, 4-24=1679/542, 4-22=247/1141, 5-22=765/246, 5-21=73/409, 6-21=229/488, 7-21=693/359,
 7-19=193/503, 8-19=273/246, 8-18=131/15, 9-18=0/313, 9-17=1814/471, 10-15=39/38, 11-15=151/66, 12-15=168/313,
 12-14=439/254, 1-25=46/261

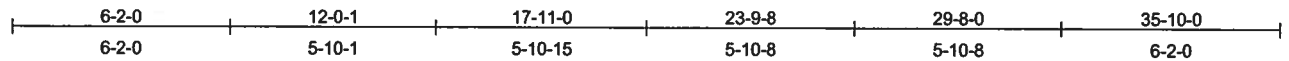
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All plates are 4x6 MT20 unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 250 lb uplift at joint 26, 599 lb uplift at joint 17, 856 lb uplift at joint 24 and 341 lb uplift at joint 14.
- Girder carries hip end with 3-7-4 right side setback, 44-4-0 left side setback, and 2-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 30 lb down and 17 lb up at 52-8-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-6=-70, 6-9=-70, 9-11=-70, 11-13=-70, 17-26=-30, 13-16=-30
 Concentrated Loads (lb)
 Vert: 13=-30(F)

Job L202555	Truss T18	Truss Type SPECIAL	Qty 1	Ply 2	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:45 2006 Page 1



Scale = 1/62.1

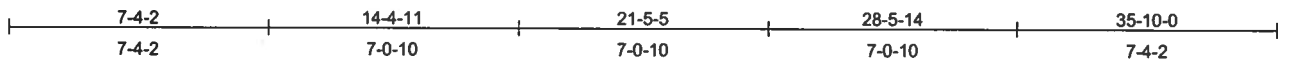
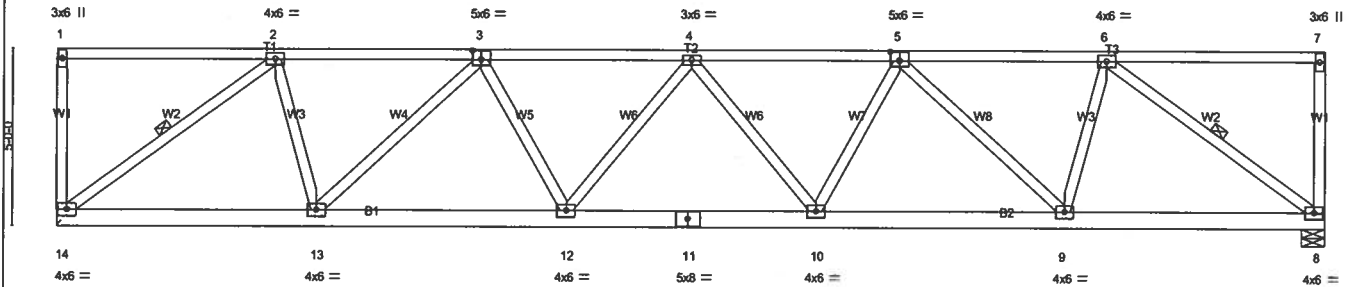


Plate Offsets (X,Y): [3-0-3-0,0-3-0], [5-0-3-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.54	In (loc) l/defl L/d	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.41	Vert(LL) -0.18 10-12 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.59	Vert(TL) -0.37 10-12 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.09 8 n/a n/a		
	Code FBC2004/TP12002			Weight: 468 lb	

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

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

REACTIONS (lb/size) 14=3570/Mechanical, 8=3570/0-8-0
 Max Uplift 14=1116(load case 2), 8=1116(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-14=-396/173, 1-2=-111/39, 2-3=-4477/1381, 3-4=-6581/2037, 4-5=-6582/2037, 5-6=-4477/1381, 6-7=-110/39, 7-8=-395/173
 BOT CHORD 13-14=-1243/3945, 12-13=-1936/6142, 11-12=-2177/6896, 10-11=-2177/6896, 9-10=-1939/6152, 8-9=-1244/3946
 WEBS 2-14=-4835/1519, 2-13=-559/2159, 3-13=-2345/782, 3-12=-219/957, 4-12=-520/232, 4-10=-517/230, 5-10=-218/951, 5-9=-2349/783, 6-9=-558/2156, 6-8=-4837/1520

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1116 lb uplift at joint 14 and 1116 lb uplift at joint 8.
- Girder carries tie-in span(s): 5-4-15 from 0-0-0 to 35-10-0; 3-11-8 from 0-0-0 to 35-10-0
- Girder carries hip end with 0-0-0 right side setback, 0-0-0 left side setback, and 6-11-4 end setback.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-7=-139(B=69), 8-14=-62(B=32)

Job L202955	Truss T19	Truss Type MONO HIP	Qty 1	Ply 2	LOT 36 GARISON WAY GWROBINSON
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mittek Industries, Inc. Tue Aug 01 09:11:33 2006 Page 1

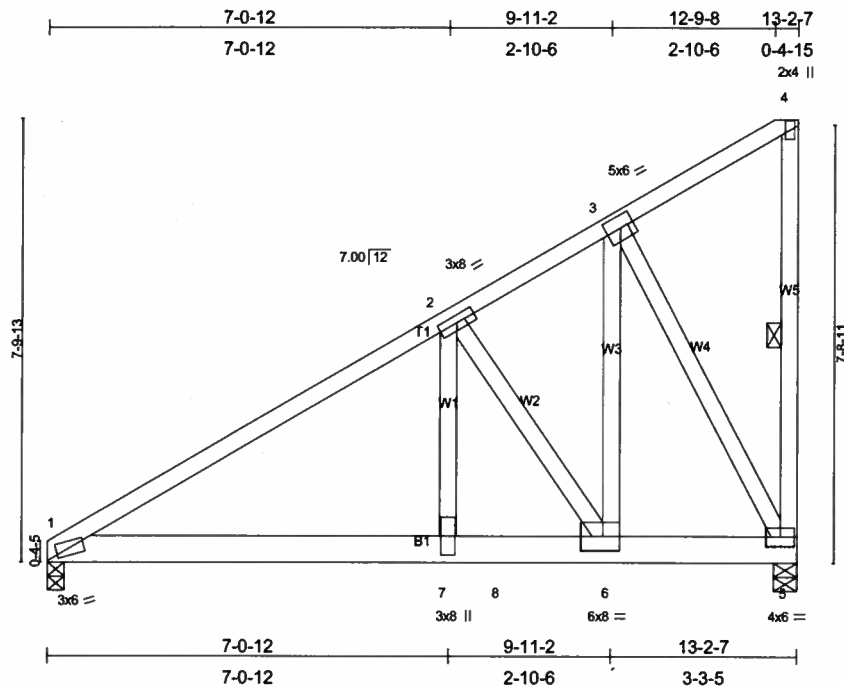


Plate Offsets (X,Y): [1:0-2-12,0-1-8], [6:0-3-8,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.21	Vert(LL)	-0.05	1-7	>999	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.26	Vert(TL)	-0.09	1-7	>999	180	244/190
BCLL 10.0	Rep Stress Incr	NO	WB 0.61	Horz(TL)	0.02	5	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 188 lb

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

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

REACTIONS (lb/size) 1=2106/0-3-8, 5=3782/0-4-15
 Max Horz 1=349(load case 4)
 Max Uplift 1=699(load case 4), 5=1558(load case 4)

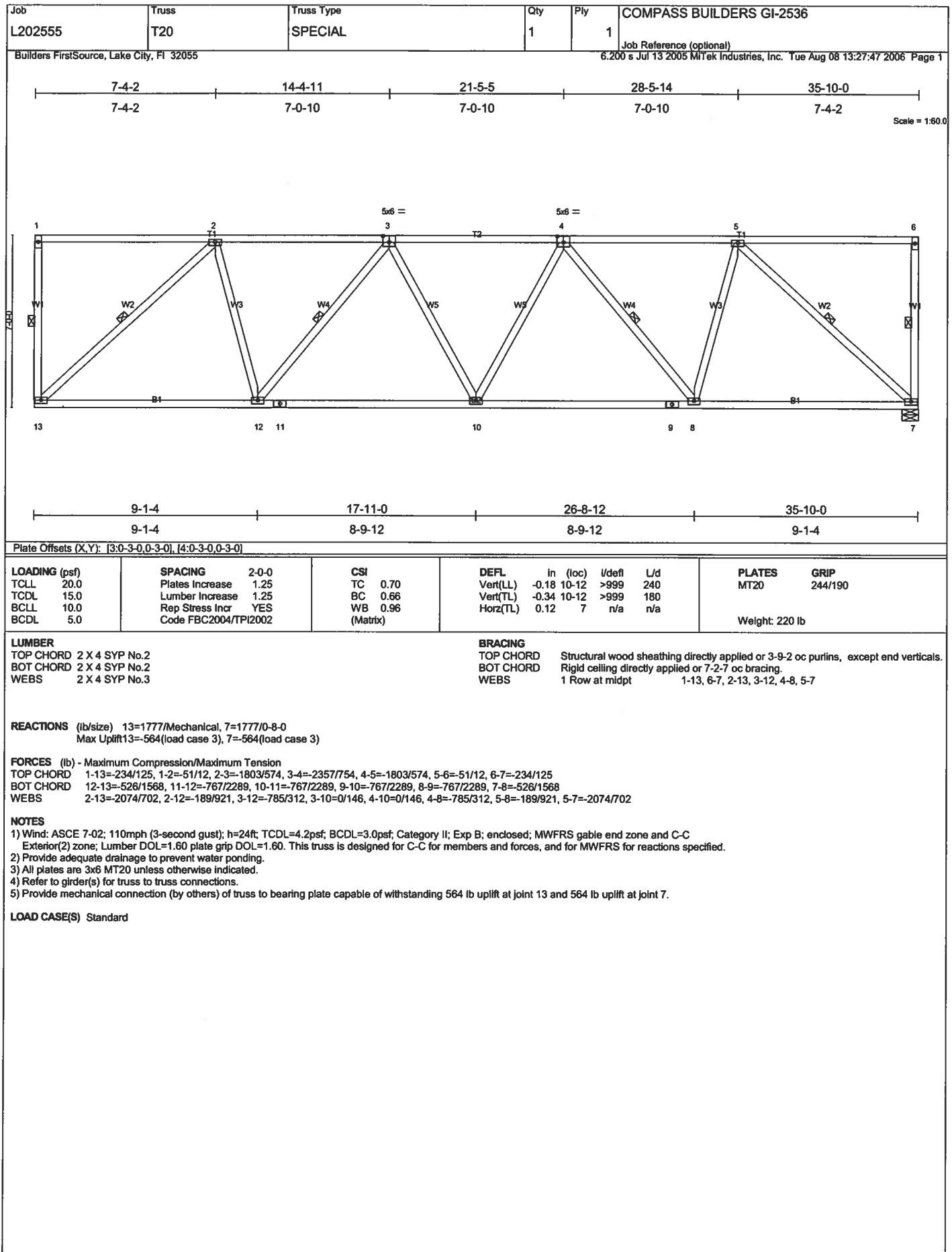
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-3714/1217, 2-3=-1942/658, 3-4=-60/25, 4-5=-87/84
 BOT CHORD 1-7=-1287/3114, 7-8=-1287/3114, 6-8=-1287/3114, 5-6=-666/1627
 WEBS 2-7=-956/2710, 2-6=-2588/1082, 3-6=-1477/3777, 3-5=-3357/1369

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-8-0 oc, Except member 6-2 2 X 4 - 1 row at 0-9-0 oc, member 3-6 2 X 4 - 1 row at 0-9-0 oc, member 5-3 2 X 4 - 1 row at 0-9-0 oc.
- 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.
- Wind: ASCE 7-02; 110mph (3-second gust); h=17ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 699 lb uplift at joint 1 and 1558 lb uplift at joint 5.
- Girder carries tie-in span(s): 25-8-0 from 8-0-0 to 13-2-7
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2320 lb down and 876 lb up at 7-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 1-8=-30, 5-8=-521(F=-491)
 Concentrated Loads (lb)
 Vert: 7=-2320(F)



Job L202555	Truss T21	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Aug 08 13:27:48 2006 Page 1

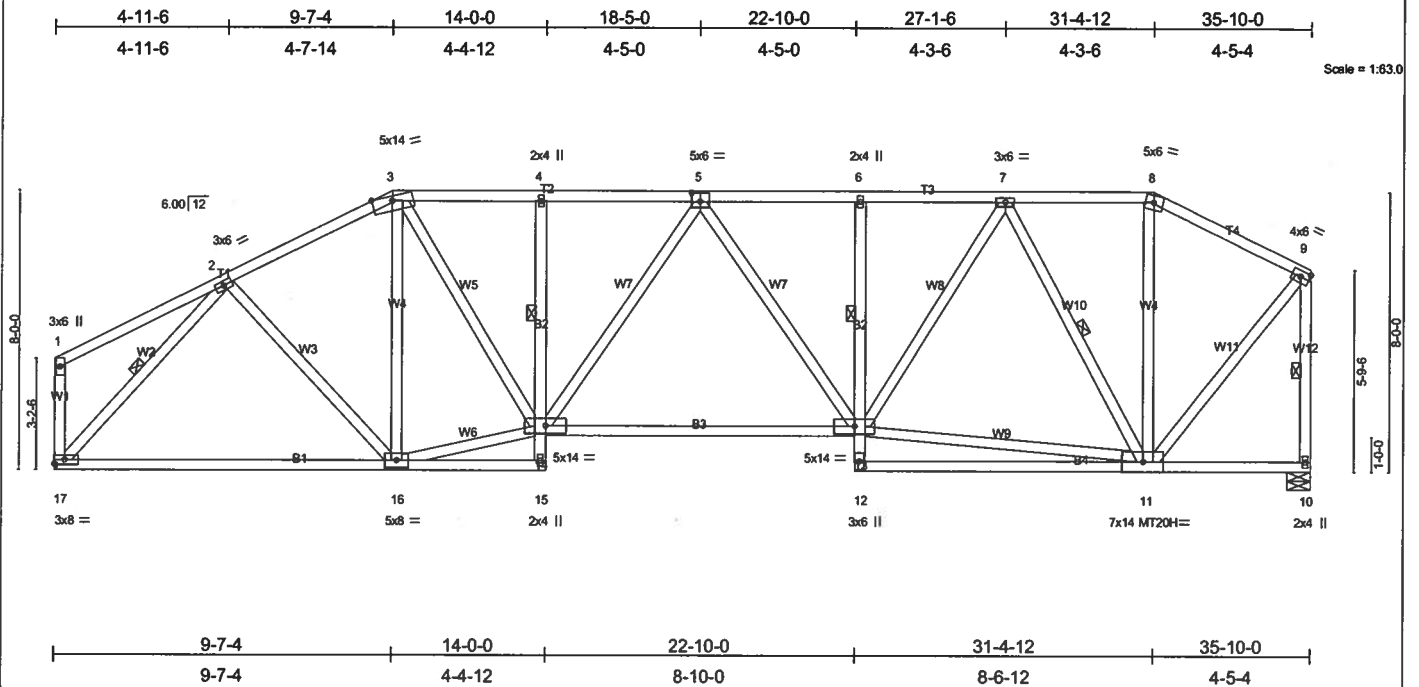


Plate Offsets (X,Y): [5-0-3-0,0-3-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.80	in (loc) l/defl L/d	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.70	Vert(LL) -0.24 13-14 >999 240	MT20H	187/143
BCCL 10.0	Rep Stress Incr YES	WB 0.57	Vert(TL) -0.46 13-14 >919 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.13 10 n/a n/a		
Weight: 271 lb					

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-1-3 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
B2 2 X 4 SYP No.3, B2 2 X 4 SYP No.3	1 Row at midpt 4-14, 6-13
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 7-11, 2-17, 9-10

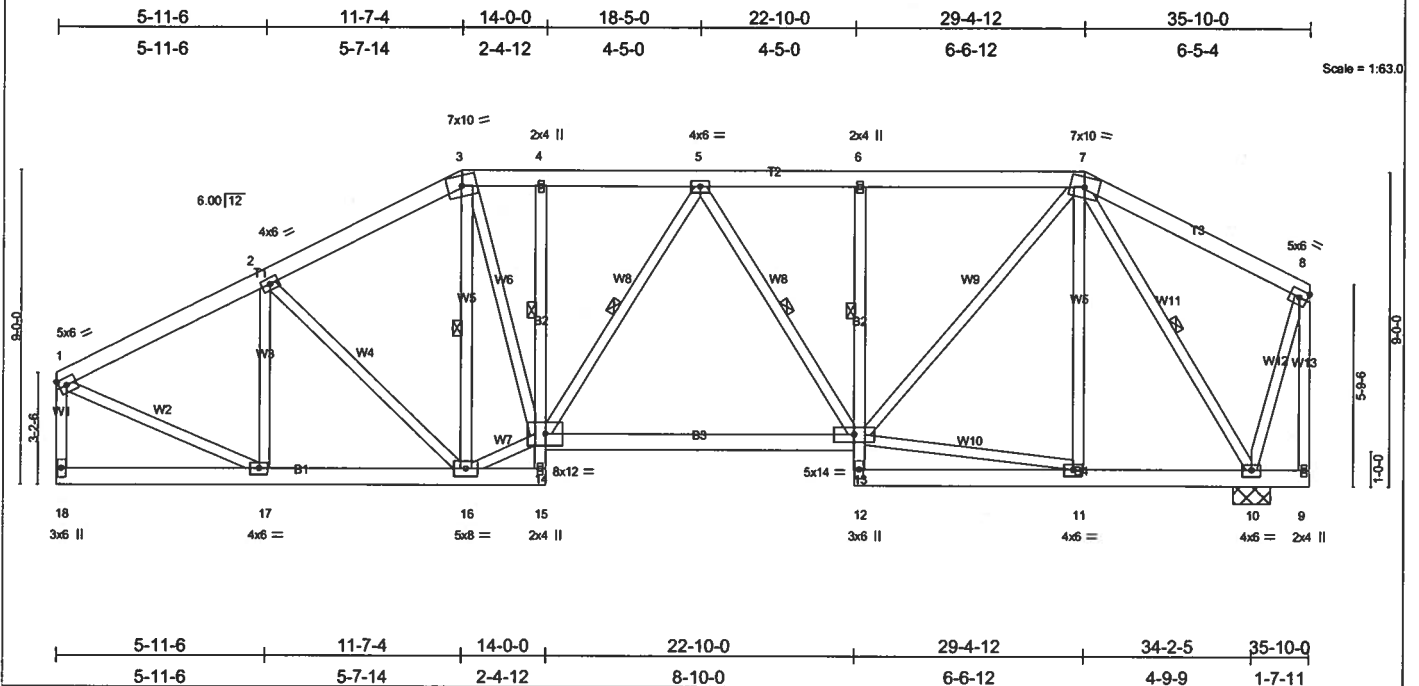
REACTIONS (lb/size) 10=1777/0-8-0, 17=1777/Mechanical
 Max Horz 17=149(load case 5)
 Max Uplift 10=-449(load case 3), 17=-410(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-210/84, 2-3=-1915/722, 3-4=-2257/891, 4-5=-2274/894, 5-6=-2203/846, 6-7=-2182/843, 7-8=-936/412, 8-9=-1103/404, 1-17=-230/125,
 9-10=-1726/619
 BOT CHORD 16-17=-586/1358, 15-16=-112/0, 14-15=-6/18, 4-14=-304/170, 13-14=-822/2348, 12-13=0/133, 6-13=-300/168, 11-12=-47/143,
 10-11=-11/17
 WEBS 2-16=-124/497, 3-16=-499/217, 14-16=-517/1787, 3-14=-382/1183, 5-14=-188/131, 5-13=-269/153, 11-13=-501/1461, 7-13=-360/1125,
 7-11=-1430/518, 8-11=-34/219, 2-17=-1869/668, 9-11=-462/1449

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide adequate drainage to prevent water ponding.
 4) All plates are MT20 plates unless otherwise indicated.
 5) Refer to girder(s) for truss to truss connections.
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 449 lb uplift at joint 10 and 410 lb uplift at joint 17.

LOAD CASE(S) Standard

Job L202555	Truss T22	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mittek Industries, Inc. Tue Aug 08 13:27:49 2006 Page 1



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.57	Vert(LL)	-0.12 13-14	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.39	Vert(TL)	-0.23 13-14	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.79	Horz(TL)	0.07 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 344 lb

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2 X 6 SYP No.1D "Except"	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
B2 2 X 4 SYP No.3, B2 2 X 4 SYP No.3	6-0-0 oc bracing: 15-16, 14-15,
WEBS 2 X 4 SYP No.3	1 Row at midpt 4-14, 6-13
	WEBS 1 Row at midpt 3-16, 5-14, 5-13, 7-10

REACTIONS (lb/size) 18=1699/Mechanical, 10=1855/1-0-13
 Max Horz 18=163(load case 5)
 Max Uplift 18=411(load case 5), 10=451(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1737/605, 2-3=-1824/719, 3-4=-1842/785, 4-5=-1854/787, 5-6=-1720/718, 6-7=-1712/717, 7-8=-66/133, 1-18=-1601/581, 8-9=-62/12
 BOT CHORD 17-18=-190/78, 16-17=-596/1477, 15-16=-103/10, 14-15=-18/0, 4-14=-142/109, 13-14=-650/1892, 12-13=0/105, 6-13=-383/214, 11-12=-63/54, 10-11=-269/851, 9-10=-12/17
 WEBS 2-17=-526/285, 2-16=-96/211, 3-16=-616/194, 14-16=-481/1692, 3-14=-310/1077, 5-14=-159/138, 5-13=-337/180, 11-13=-207/807, 7-13=-445/1358, 7-11=0/93, 7-10=-1764/606,
 1-17=-479/1553, 8-10=-120/152

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf, BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 411 lb uplift at joint 18 and 451 lb uplift at joint 10.

LOAD CASE(S) Standard

Job L202555	Truss T23	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:50 2006 Page 1		

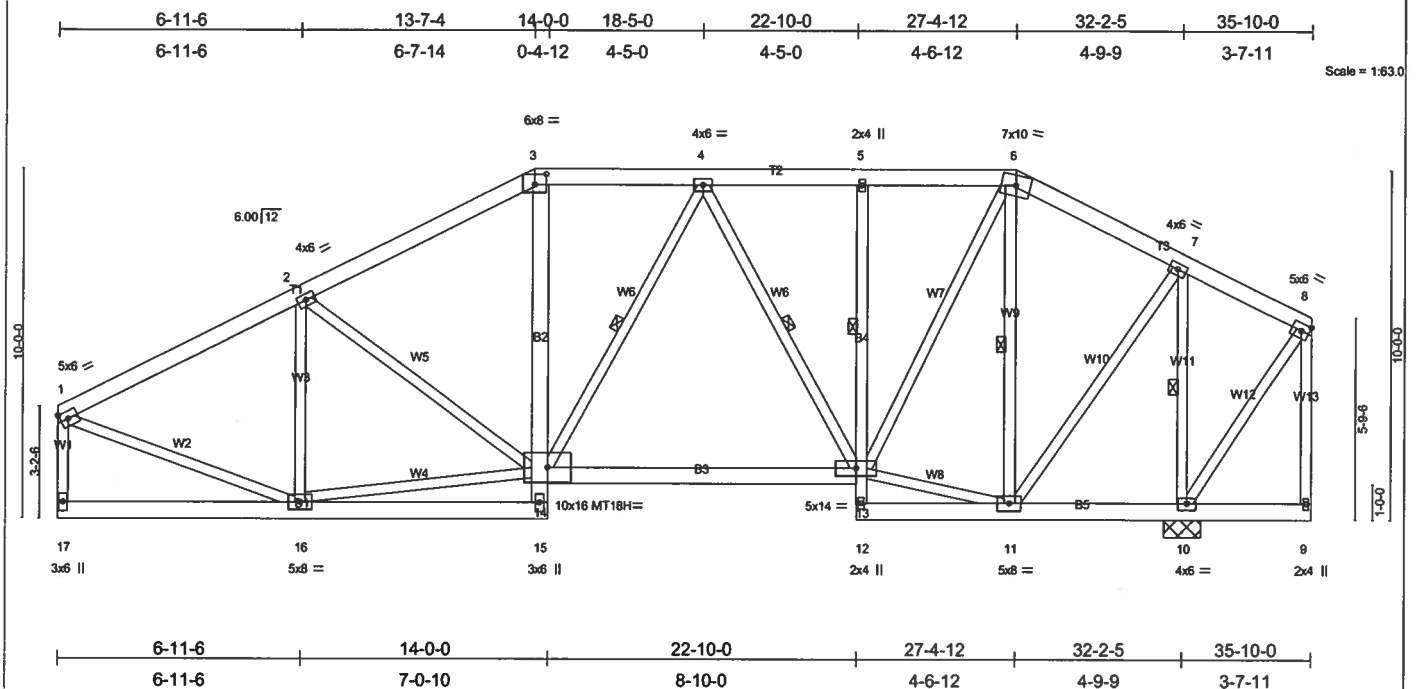


Plate Offsets (X,Y): [3:0-4:0,0-3:8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.66	in (loc) l/defl L/d	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.23	Vert(LL) -0.10 13-14 >999 240	MT18H	244/190
BCLL 10.0	Lumber increase 1.25	WB 0.62	Vert(TL) -0.20 13-14 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 10 n/a n/a		
	Code FBC2004/TP12002			Weight: 352 lb	

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2 X 6 SYP No.1D "Except"	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
B4 2 X 4 SYP No.3	6-0-0 oc bracing: 11-12,10-11.
WEBS 2 X 4 SYP No.3	1 Row at midpt 5-13
	1 Row at midpt 4-14, 4-13, 6-11, 7-10

REACTIONS (lb/size) 17=1583/Mechanical, 10=1971/1-0-13
 Max Horz 17=177(load case 5)
 Max Uplift 17=-401(load case 5), 10=-552(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1688/583, 2-3=-1737/688, 3-4=-1480/684, 4-5=-1204/559, 5-6=-1196/558, 6-7=-821/364, 7-8=-32/123, 1-17=-1471/541, 8-9=-51/17
 BOT CHORD 16-17=-214/100, 15-16=-136/236, 14-15=0/128, 3-14=-61/323, 13-14=-454/1421, 12-13=0/65, 5-13=-311/170, 11-12=-55/0, 10-11=-47/56,
 9-10=-3/4
 WEBS 2-16=-546/292, 2-14=-71/157, 4-14=-76/130, 4-13=-465/227, 11-13=-107/684, 6-13=-406/1206, 6-11=-1059/398, 7-11=-388/1242,
 7-10=-1709/690, 1-16=-420/1427, 8-10=-93/109, 14-16=-432/1197

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 401 lb uplift at joint 17 and 552 lb uplift at joint 10.

LOAD CASE(S) Standard

Job L202555	Truss T24	Truss Type HIP	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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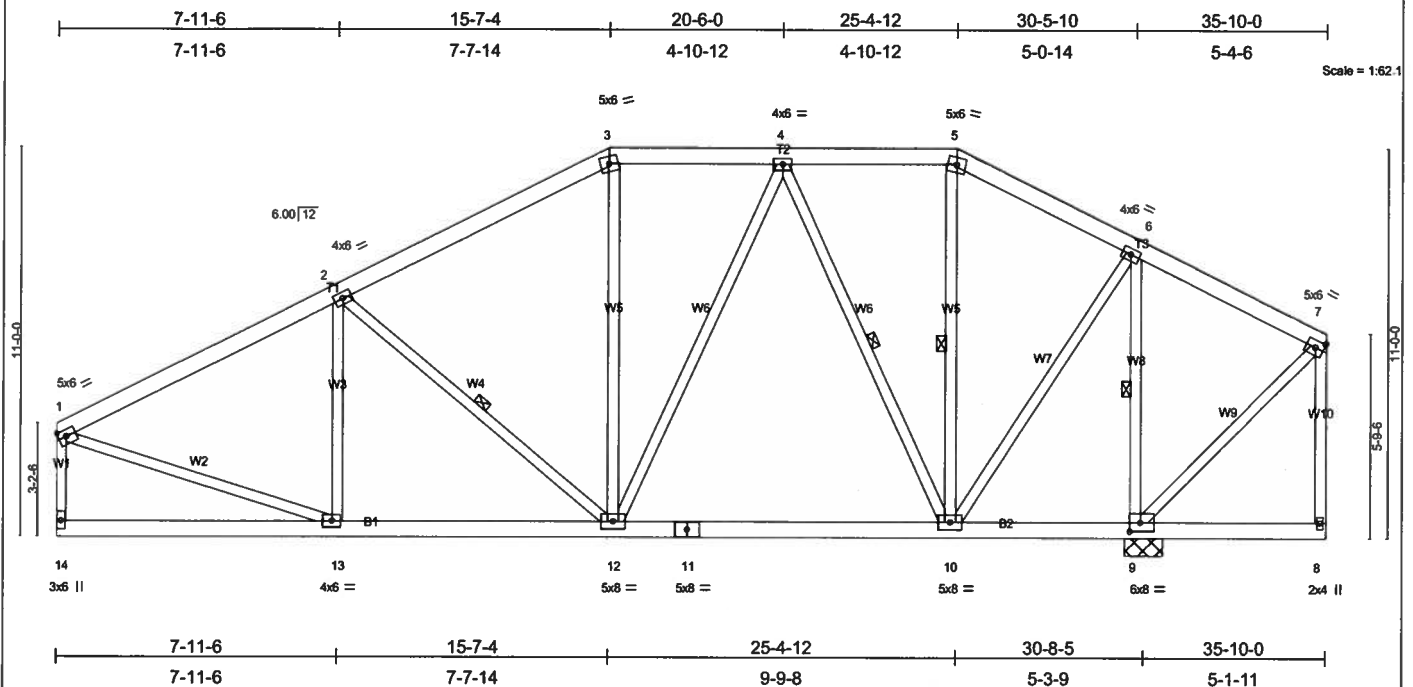


Plate Offsets (X,Y): [1:Edge,0-2-4], [9:0-3-8,0-3-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/def L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.77	Vert(LL) -0.07 10-12 >999 240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.22	Vert(TL) -0.14 10-12 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.57	Horz(TL) 0.02 9 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			
				Weight: 320 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 6-0-0 oc bracing: 9-10.
 WEBS 1 Row at midpt 2-12, 4-10, 5-10, 6-9

REACTIONS (lb/size) 14=1471/Mechanical, 9=2083/1-0-13
 Max Horz 14=191(load case 5)
 Max Uplift 14=387(load case 5), 9=648(load case 6)
 Max Grav 14=1472(load case 9), 9=2083(load case 1)

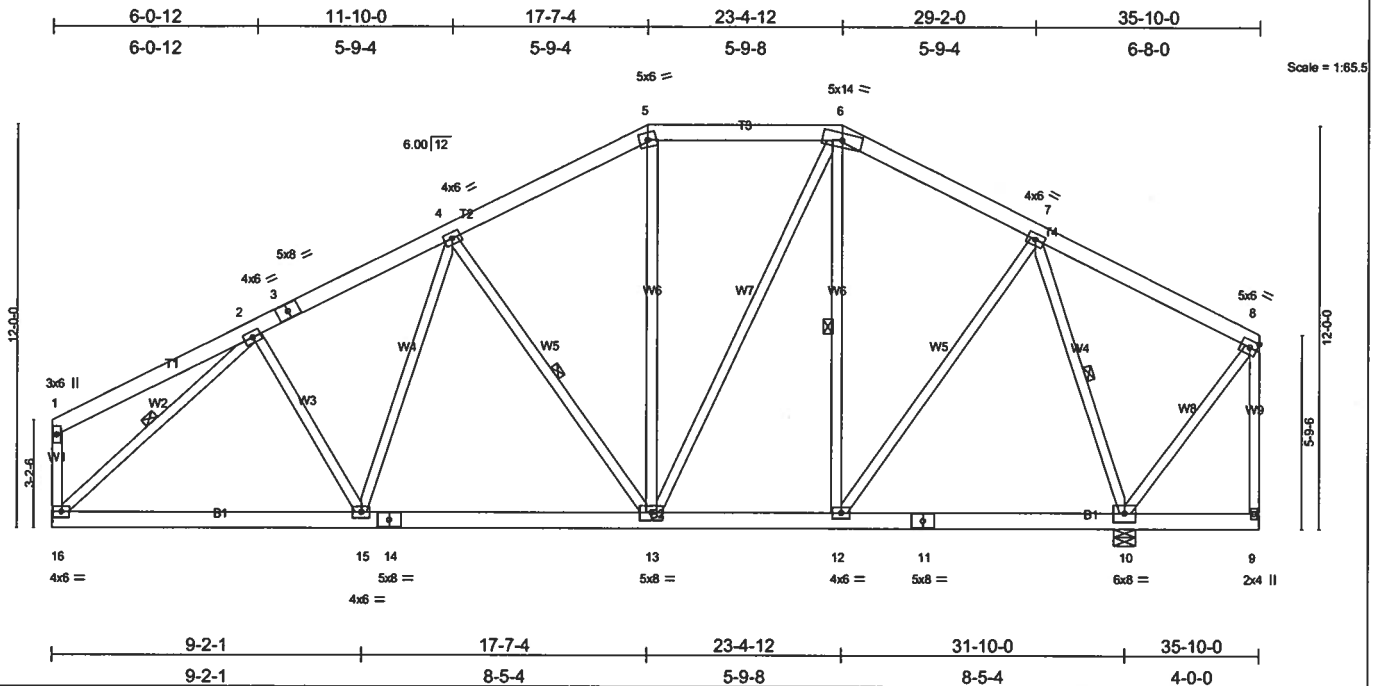
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1605/545, 2-3=-1320/545, 3-4=-1067/564, 4-5=-539/340, 5-6=-690/323, 6-7=-87/241, 1-14=-1351/500, 7-8=-83/59
 BOT CHORD 13-14=-237/122, 12-13=-518/1337, 11-12=-222/872, 10-11=-222/872, 9-10=-130/126, 8-9=-11/12
 WEBS 2-13=-217/181, 2-12=-357/285, 3-12=0/126, 4-12=-192/477, 4-10=-811/354, 5-10=-104/65, 6-10=-372/1223, 6-9=-1762/733,
 1-13=-353/1290, 7-9=-203/196

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 387 lb uplift at joint 14 and 648 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L202555	Truss T25	Truss Type HIP	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:51 2006 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	L/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.57	Vert(LL) -0.06 13-15	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.22	Vert(TL) -0.13 13-15	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.65	Horz(TL) 0.03 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)					
Weight: 324 lb							

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.1D	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2 X 6 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 4-13, 6-12, 7-10, 2-16

REACTIONS (lb/size) 10=1993/0-8-0, 16=1561/Mechanical
 Max Horz 16=205(load case 5)
 Max Uplift 10=-603(load case 6), 16=-415(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-210/117, 2-3=-1637/651, 3-4=-1546/671, 4-5=-1278/614, 5-6=-1064/611, 6-7=-1035/512, 7-8=-54/227, 1-16=-253/157, 8-9=-75/13
 BOT CHORD 15-16=-564/1309, 14-15=-484/1336, 13-14=-484/1336, 12-13=-197/830, 11-12=-102/395, 10-11=-102/395, 9-10=-15/16
 WEBS 2-15=0/198, 4-15=-62/172, 4-13=-493/330, 5-13=-39/119, 6-13=-229/580, 6-12=-435/195, 7-12=-173/778, 7-10=-1669/717, 2-16=-1681/566, 8-10=-197/214

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 603 lb uplift at joint 10 and 415 lb uplift at joint 16.

LOAD CASE(S) Standard

Job L202555	Truss T26	Truss Type HIP	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:52 2006 Page 1

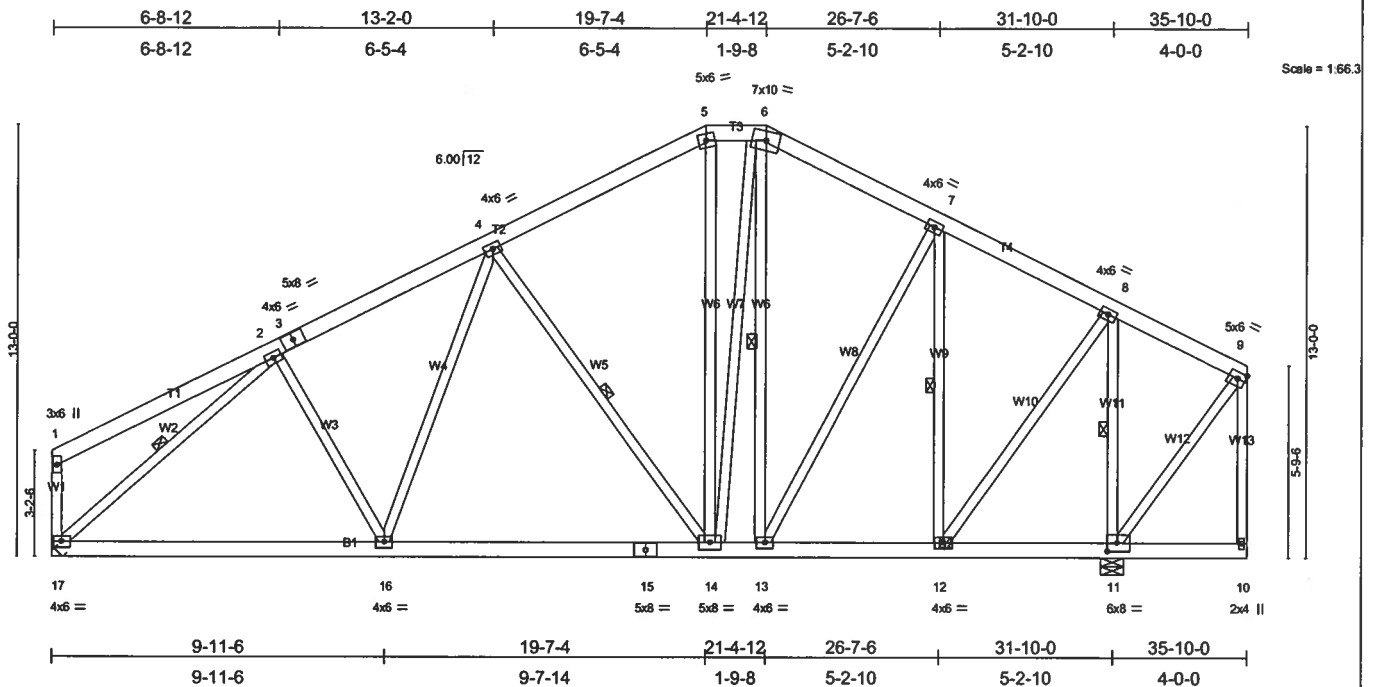


Plate Offsets (X,Y): [11:0-3-8,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.67	Vert(LL)	-0.09	14-16	>999	240	
TCCL 15.0	Lumber Increase	1.25	BC 0.24	Vert(TL)	-0.17	14-16	>999	180	
BCCL 10.0	Rep Stress Incr	YES	WB 0.62	Horz(TL)	0.03	11	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
Weight: 357 lb									

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 6-0-0 oc bracing: 11-12.
 WEBS 1 Row at midpt 4-14, 6-13, 7-12, 8-11, 2-17

REACTIONS (lb/size) 11=1993/0-8-0, 17=1561/Mechanical
 Max Horz 17=220(load case 5)
 Max Uplift 11=617(load case 6), 17=422(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-239/133, 2-3=-1644/688, 3-4=-1626/692, 4-5=-1148/590, 5-6=-932/597, 6-7=-1057/579, 7-8=-812/380, 8-9=-42/146, 1-17=-283/176, 9-10=-58/26
 BOT CHORD 16-17=-579/1351, 15-16=-461/1291, 14-15=-461/1291, 13-14=-207/865, 12-13=-167/652, 11-12=-62/69, 10-11=-4/5
 WEBS 2-16=0/185, 4-16=-98/299, 4-14=-644/398, 5-14=-73/208, 6-14=-203/583, 6-13=-284/54, 7-13=-99/473, 7-12=-879/394, 8-12=-405/1222, 8-11=-1708/725, 2-17=-1673/565, 9-11=-114/126

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02: 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 617 lb uplift at joint 11 and 422 lb uplift at joint 17.

LOAD CASE(S) Standard

Job L202555	Truss T27	Truss Type HIP	Qty 1	Ply 3	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:53 2006 Page 1					

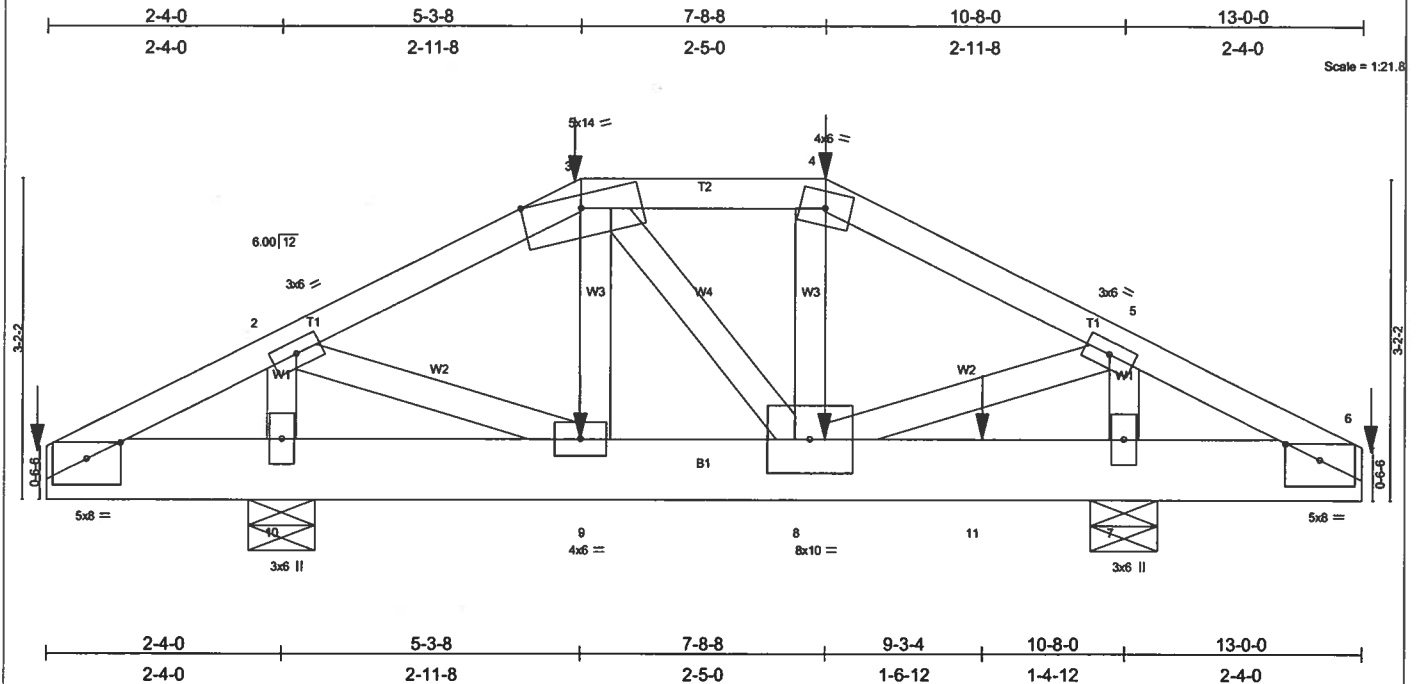


Plate Offsets (X,Y): [1:0-4-0,0-1-15], [6:0-4-0,0-1-15]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.06	Vert(LL)	0.01	7-8	>999	240	
TCCL 15.0	Lumber Increase	1.25	BC 0.25	Vert(TL)	-0.02	7-8	>999	180	
BCCL 10.0	Rep Stress Incr	NO	WB 0.17	Horz(TL)	0.00	7	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
									Weight: 252 lb

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

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

REACTIONS (lb/size) 10=1793/0-8-0, 7=5108/0-8-0
Max Horz 10=40(load case 2)
Max Uplift 10=615(load case 4), 7=1667(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=98/35, 2-3=1550/484, 3-4=2304/754, 4-5=2576/807, 5-6=1245/400
BOT CHORD 1-10=11/75, 9-10=50/75, 8-9=390/1296, 8-11=329/1074, 7-11=329/1074, 6-7=329/1074
WEBS 2-10=1379/488, 2-9=417/1403, 3-9=834/296, 3-8=523/1585, 4-8=267/909, 5-8=388/1314, 5-7=1239/441

NOTES

- 3-ply truss to be connected together with 10d Common(.148"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 - 4 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all 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.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 615 lb uplift at joint 10 and 1667 lb uplift at joint 7.
- Girder carries hip end with 5-3-8 right side setback, 5-3-8 left side setback, and 3-3-8 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 92 lb down and 29 lb up at 5-3-8, 92 lb down and 29 lb up at 7-8-8, and 40 lb down and 13 lb up at 0-0-0, and 40 lb down and 13 lb up at 13-0-0 on top chord, and 4985 lb down and 1581 lb up at 9-3-4, and 158 lb down and 53 lb up at 7-8-8, and 158 lb down and 53 lb up at 5-3-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-70, 3-4=-81(F=-11), 4-6=-70, 1-9=-30, 8-9=-35(F=-5), 6-8=-30
Concentrated Loads (lb)
Vert: 1=40(F) 3=92(F) 4=92(F) 6=40(F) 9=158(F) 8=158(F) 11=4985(B)

Job L202555	Truss T28	Truss Type MONO HIP	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:54 2006 Page 1		

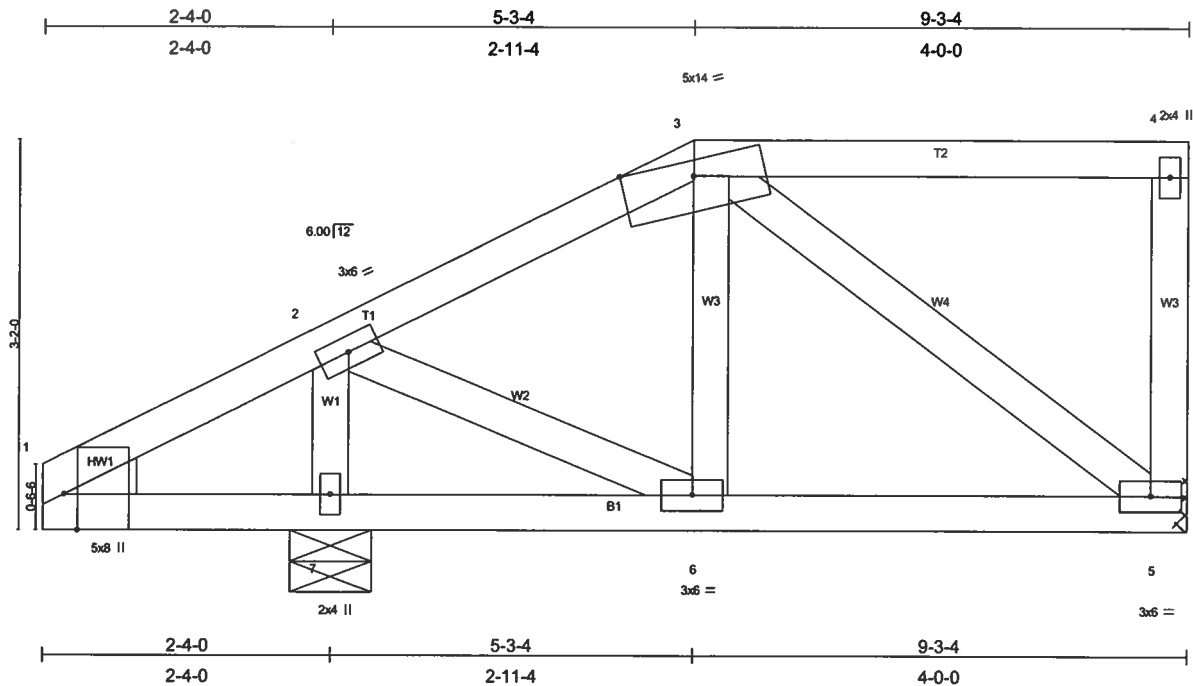


Plate Offsets (X,Y): [1:0-3-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.22	Vert(LL)	-0.00	5-6	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.08	Vert(TL)	-0.01	5-6	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.11	Horz(TL)	-0.00	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
									Weight: 50 lb

LUMBER

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

REACTIONS (lb/size) 5=299/Mechanical, 7=613/0-8-0
 Max Horz 7=132(load case 5)
 Max Uplift 5=-108(load case 4), 7=-220(load case 5)

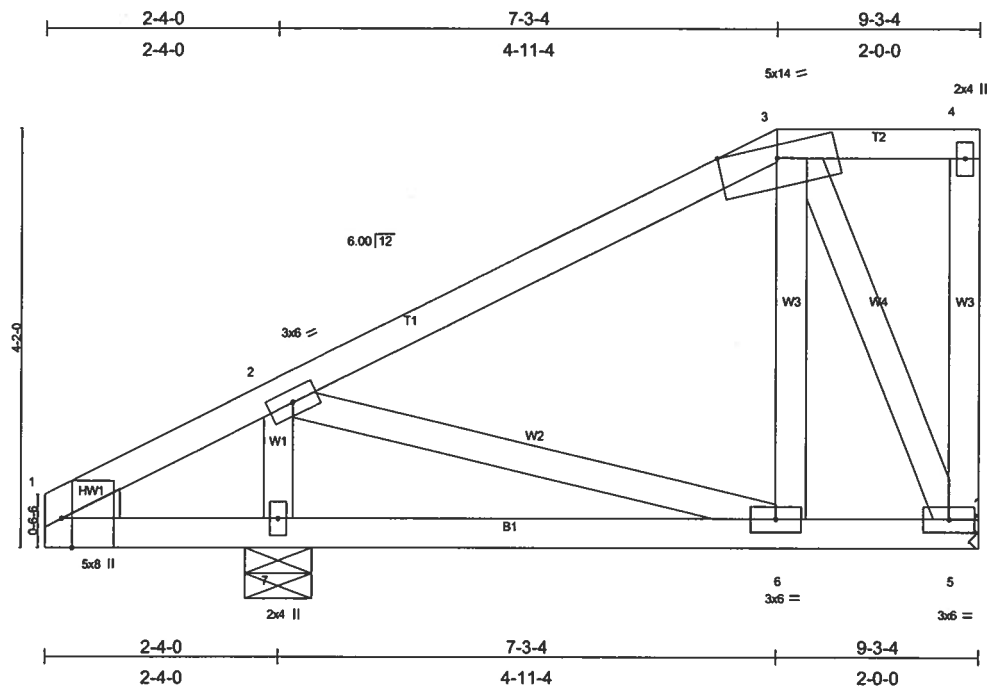
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-197/208, 2-3=-246/68, 3-4=-34/16, 4-5=-131/95
 BOT CHORD 1-7=-137/200, 6-7=-137/25, 5-6=-99/180
 WEBS 2-7=-505/334, 2-6=-141/350, 3-6=-51/100, 3-5=-182/102

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 108 lb uplift at joint 5 and 220 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L202555	Truss T29	Truss Type MONO HIP	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mittek Industries, Inc. Tue Aug 08 13:27:54 2006 Page 1



Scale = 1/2" = 1'-0"

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

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.25	Vert(LL)	-0.01	6-7	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.12	Vert(TL)	-0.02	6-7	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.11	Horz(TL)	-0.00	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
										Weight: 55 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 6-0-0 oc bracing.

REACTIONS (lb/size) 5=299/Mechanical, 7=613/0-8-0
 Max Horz 7=179(load case 5)
 Max Uplift 5=-113(load case 5), 7=-209(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-175/141, 2-3=-235/28, 3-4=-2/2, 4-5=-26/27
 BOT CHORD 1-7=-62/183, 6-7=-97/0, 5-6=-91/143
 WEBS 2-7=-472/338, 2-6=-19/210, 3-6=0/70, 3-5=-335/213

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 113 lb uplift at joint 5 and 209 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L202555	Truss T30	Truss Type HIP	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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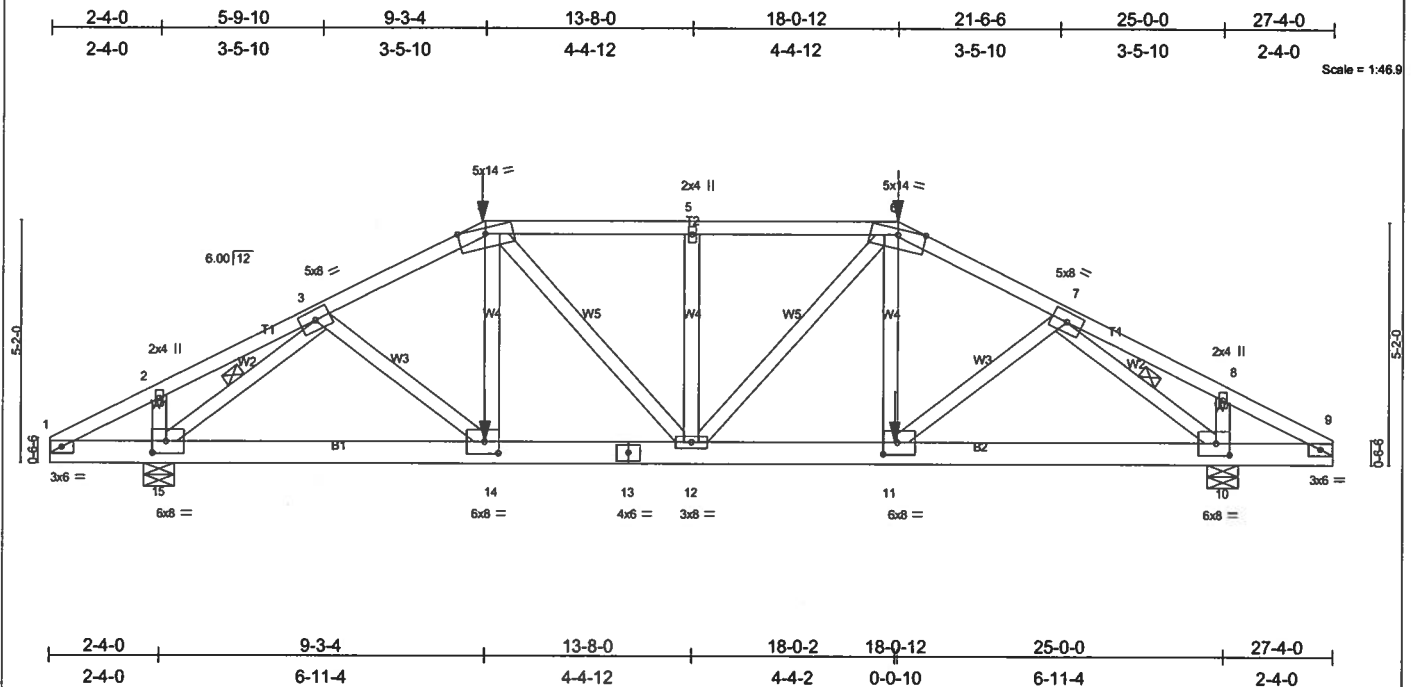


Plate Offsets (X,Y): [10:0-3-8,0-3-0], [11:0-3-8,0-3-0], [14:0-3-8,0-3-0], [15:0-3-8,0-3-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.49	in (loc) l/defl L/d	MT20	244/190
TCCL 15.0	Lumber Increase 1.25	BC 0.45	Vert(LL) -0.10 12 >999 240		
BCCL 10.0	Rep Stress Incr NO	WB 0.60	Vert(TL) -0.20 12 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.06 10 n/a n/a		
				Weight: 174 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 3-0-3 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 8-5-2 oc bracing.
 WEBS 1 Row at midpt 3-15, 7-10

REACTIONS (lb/size) 15=2797/0-8-0, 10=2797/0-8-0
 Max Horz 15=-70(load case 2)
 Max Uplift 15=-928(load case 4), 10=-928(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-152/25, 2-3=-194/88, 3-4=-3613/1163, 4-5=-3668/1218, 5-6=-3668/1218, 6-7=-3613/1163, 7-8=-194/88, 8-9=-152/25
 BOT CHORD 1-15=-8/136, 14-15=-810/2582, 13-14=-991/3219, 12-13=-991/3219, 11-12=-945/3219, 10-11=-741/2582, 9-10=-8/136
 WEBS 2-15=-287/182, 3-15=-3332/1069, 3-14=-296/863, 4-14=-34/370, 4-12=-305/719, 5-12=-689/447, 6-12=-305/719, 6-11=-34/370, 7-11=-296/863, 7-10=-3332/1069, 8-10=-287/182

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 928 lb uplift at joint 15 and 928 lb uplift at joint 10.
- 5) Girder carries hip end with 9-3-4 right side setback, 9-3-4 left side setback, and 7-3-4 end setback.
- 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 269 lb down and 85 lb up at 9-3-4, and 269 lb down and 85 lb up at 18-0-12 on top chord, and 660 lb down and 209 lb up at 9-3-4, and 660 lb down and 209 lb up at 18-0-2 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-70, 4-6=-151(F=-81), 6-9=-70, 1-14=-30, 11-14=-65(F=-35), 9-11=-30

Concentrated Loads (lb)

Vert: 4=-269(F) 6=-269(F) 14=-660(F) 11=-660(F)

Job L202555	Truss T31	Truss Type HIP	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:56 2006 Page 1		

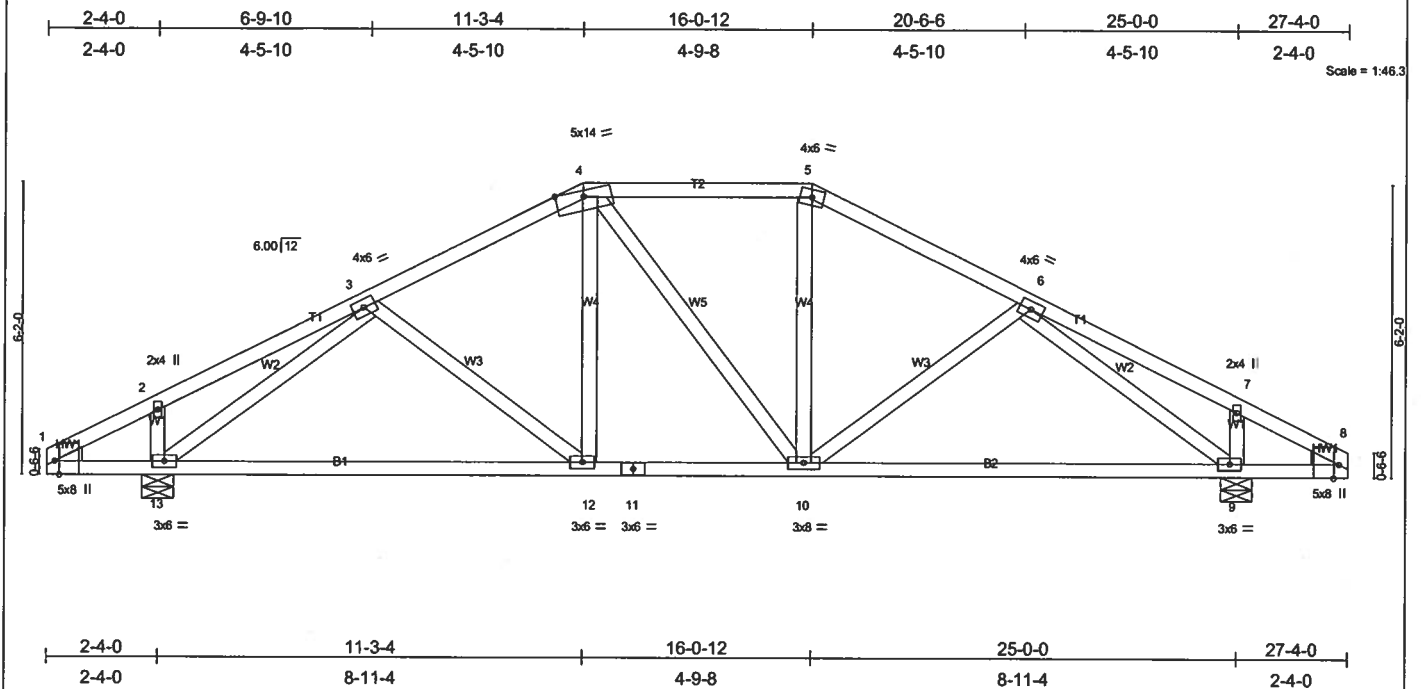


Plate Offsets (X,Y): [1:0-3-8,Edge], [8:0-3-8,Edge]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	PLATES
TCLL 20.0	Plates Increase	1.25	TC 0.19	in (loc)	MT20
TCDL 15.0	Lumber Increase	1.25	BC 0.46	Vert(LL) -0.14 12-13 >999 240	GRIP
BCLL 10.0	Rep Stress Incr	YES	WB 0.74	Vert(TL) -0.25 12-13 >999 180	244/190
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)	Horz(TL) 0.04 9 n/a n/a	
Weight: 151 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 5-6-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 13=1367/0-8-0, 9=1367/0-8-0
 Max Horz 13=-85(load case 3)
 Max Uplift 13=-428(load case 5), 9=-428(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-172/23, 2-3=-106/39, 3-4=-1235/487, 4-5=-1046/486, 5-6=-1235/487, 6-7=-106/39, 7-8=-172/23
 BOT CHORD 1-13=0/161, 12-13=-276/1032, 11-12=-188/1046, 10-11=-188/1046, 9-10=-276/1031, 8-9=0/161
 WEBS 2-13=-259/241, 3-13=-1296/565, 3-12=-27/133, 4-12=-38/201, 4-10=-94/96, 5-10=-37/202, 6-10=-27/133, 6-9=-1296/565, 7-9=-259/241

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 428 lb uplift at joint 13 and 428 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L202555	Truss T32	Truss Type HIP	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:27:57 2006 Page 1		

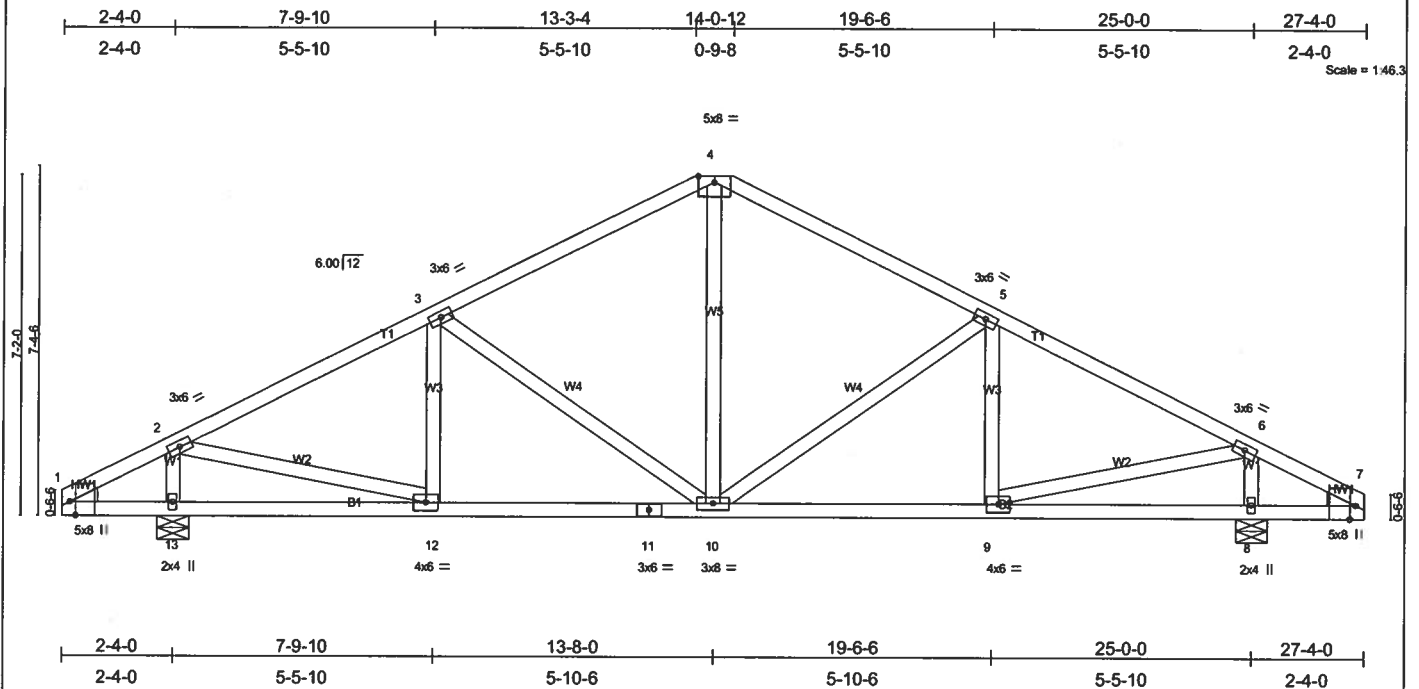


Plate Offsets (X,Y): [1:0-3-8,Edge], [7:0-3-8,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	in (loc)	L/d
TCLL 20.0	Plates Increase 1.25	TC 0.29	Vert(LL)	-0.05 10-12	>999 240
TCCL 15.0	Lumber Increase 1.25	BC 0.32	Vert(TL)	-0.11 10-12	>999 180
BCCL 10.0	Rep Stress Incr YES	WB 0.39	Horz(TL)	0.02 8	n/a n/a
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			
Weight: 149 lb					

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-3-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

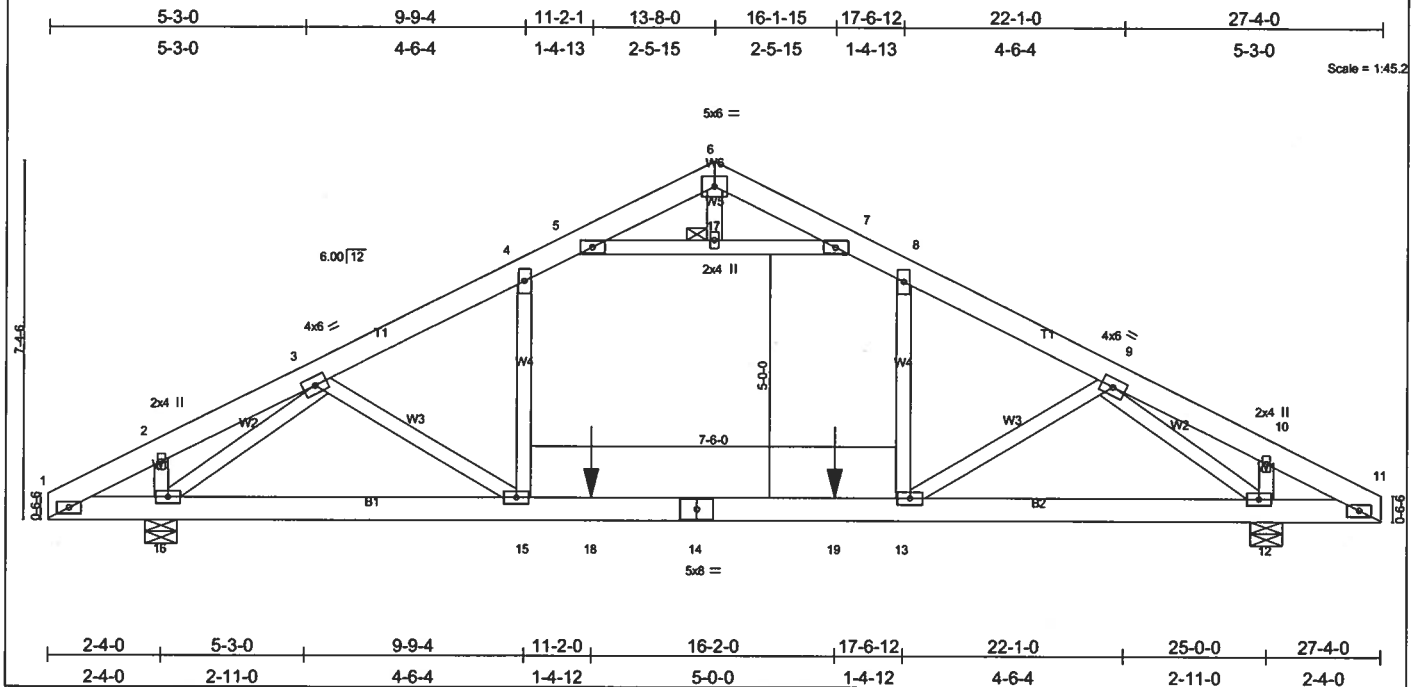
REACTIONS (lb/size) 13=1367/0-8-0, 8=1367/0-8-0
 Max Horz 13=-103(load case 3)
 Max Uplift 13=442(load case 5), 8=442(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-124/117, 2-3=-1351/483, 3-4=-1112/486, 4-5=-1112/486, 5-6=-1351/483, 6-7=-124/117
 BOT CHORD 1-13=-39/114, 12-13=-83/146, 11-12=-290/1134, 10-11=-290/1134, 9-10=-285/1134, 8-9=-39/114, 7-8=-39/114
 WEBS 2-13=-1212/576, 2-12=-411/1202, 3-12=-134/144, 3-10=-322/187, 5-9=-134/144, 6-9=-411/1202, 6-8=-1212/576, 4-10=-171/494,
 5-10=-322/187

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 mechanical connection (by others) of truss to bearing plate capable of withstanding 442 lb uplift at joint 13 and 442 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L202555	Truss T33	Truss Type ATTIC	Qty 5	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Tue Aug 08 13:27:58 2006 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.31	Vert(LL)	-0.14 13-15	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.51	Vert(TL)	-0.28 13-15	>972	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.69	Horz(TL)	0.04 12	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
								Weight: 188 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-3-9 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 JOINTS 1 Brace at Jt(s): 17

REACTIONS (lb/size) 16=1868/0-8-0, 12=1868/0-8-0
 Max Horz 16=100(load case 4)
 Max Uplift 16=222(load case 5), 12=222(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-138/80, 2-3=-73/29, 3-4=-2208/112, 4-5=-1822/203, 5-6=-166/134, 6-7=-166/134, 7-8=-1822/203, 8-9=-2208/112, 9-10=-73/29, 10-11=-138/81
 BOT CHORD 1-16=0/141, 15-16=-46/1590, 15-18=0/1880, 14-18=0/1880, 14-19=0/1880, 13-19=0/1880, 12-13=-24/1590, 11-12=0/141
 WEBS 5-17=-1829/95, 7-17=-1829/95, 4-15=0/525, 8-13=0/525, 3-15=0/441, 6-17=0/128, 3-16=-2132/222, 9-12=-2132/222, 2-16=-330/170, 10-12=-330/170, 9-13=0/441

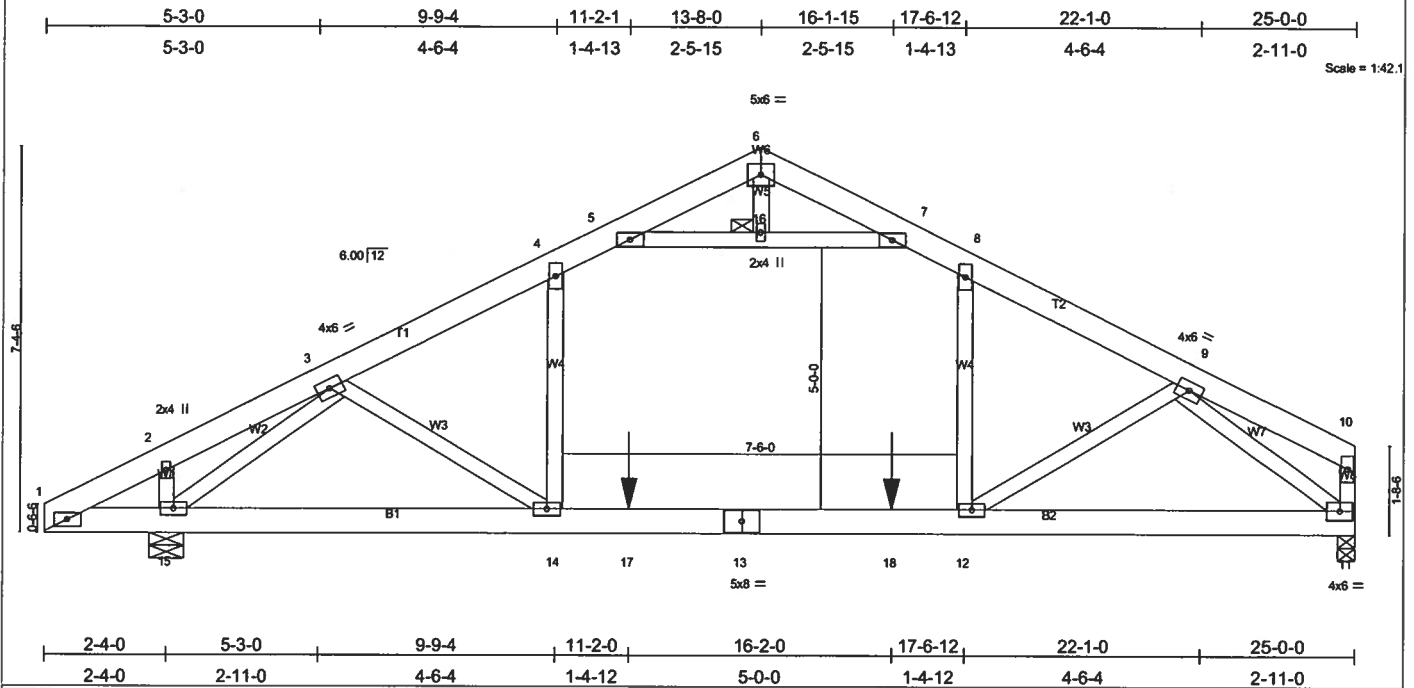
NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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) 200.0lb AC unit load placed on the bottom chord, 13-8-0 from left end, supported at two points, 5-0-0 apart.
- 4) All plates are 3x6 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 222 lb uplift at joint 16 and 222 lb uplift at joint 12.
- 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down at 11-2-0, and 100 lb down at 16-2-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Job L202555	Truss T34	Truss Type ATTIC	Qty 3	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055					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 0.39	Vert(LL)	-0.13 12-14	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.51	Vert(TL)	-0.28 12-14	>975	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.69	Horz(TL)	0.04 11	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 176 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-3-7 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 JOINTS 1 Brace at Jt(s): 16

REACTIONS (lb/size) 15=1869/0-8-0, 11=1618/0-4-0
 Max Horz 15=138(load case 5)
 Max Uplift 15=223(load case 5), 11=-80(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-145/81, 2-3=-74/29, 3-4=-2212/128, 4-5=-1825/219, 5-6=-168/134, 6-7=-166/130, 7-8=-1824/215, 8-9=-2215/133, 9-10=-210/78, 10-11=-171/79
 BOT CHORD 1-15=0/146, 14-15=95/1592, 14-17=0/1883, 13-17=0/1883, 13-18=0/1883, 12-18=0/1883, 11-12=-140/1610
 WEBS 5-16=-1831/112, 7-16=-1831/112, 4-14=0/524, 8-12=0/528, 3-14=0/445, 6-16=0/128, 3-15=-2134/236, 2-15=-330/176, 9-12=0/435, 9-11=-2027/143

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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) 200.0lb AC unit load placed on the bottom chord, 13-8-0 from left end, supported at two points, 5-0-0 apart.
- 4) All plates are 3x6 MT20 unless otherwise indicated.
- 5) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-16, 7-16; Wall dead load (5.0psf) on member(s). 4-14, 8-12
- 6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 223 lb uplift at joint 15 and 80 lb uplift at joint 11.
- 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down at 11-2-0, and 100 lb down at 16-2-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Job L202555	Truss T35	Truss Type COMMON	Qty 1	Ply 3	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:28:00 2006 Page 1		

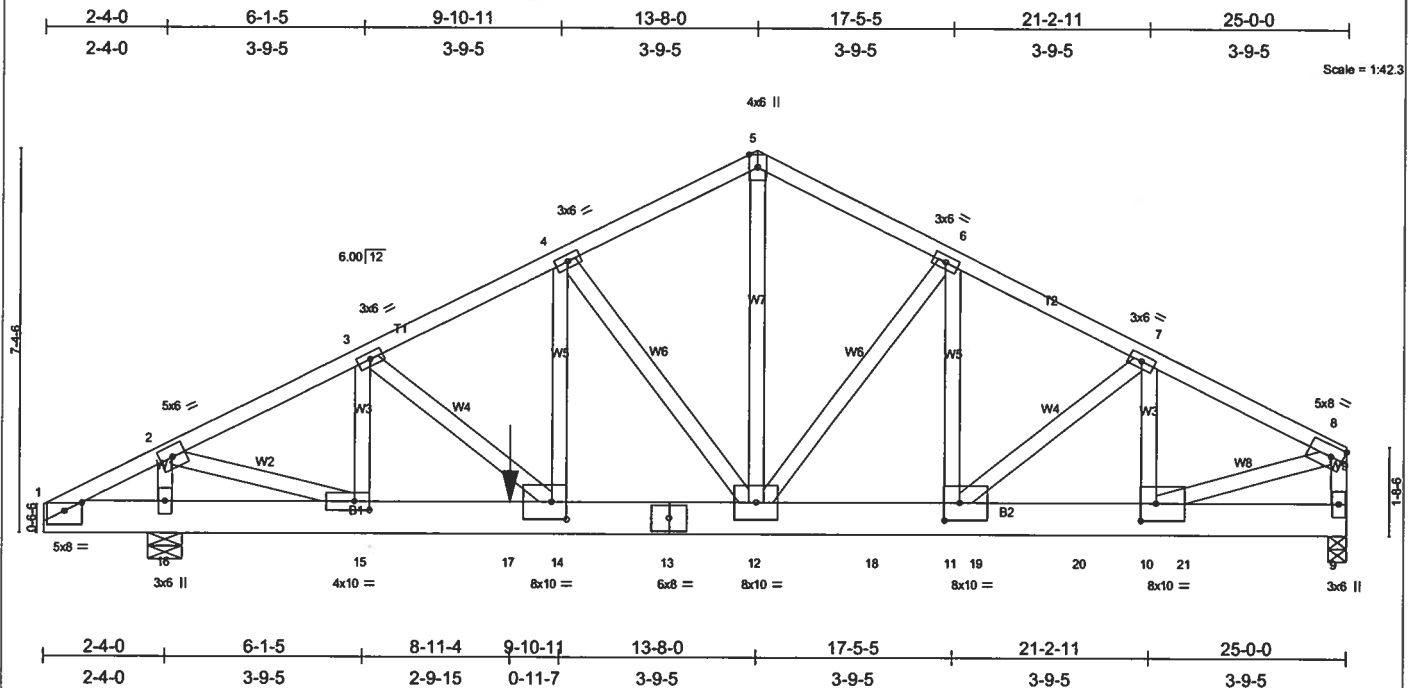


Plate Offsets (X,Y): [1:0-4-0,0-1-15], [10:0-3-8,0-4-0], [11:0-3-8,0-4-0], [14:0-3-8,0-4-0], [15:0-3-8,0-2-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.62	in (loc) l/defl L/d	MT20	244/190
BCDL 15.0	Plates Increase 1.25	BC 0.56	Vert(LL) -0.10 12-14 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.88	Vert(TL) -0.21 12-14 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.04 9 n/a n/a		
	Code FBC2004/TP12002			Weight: 582 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except*
W9 2 X 4 SYP No.2, W8 2 X 4 SYP No.2

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

REACTIONS (lb/size) 16=7909/0-8-0, 9=9898/0-4-0
Max Horz 16=139(load case 4)
Max Uplift 16=2129(load case 4), 9=2345(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1155/296, 2-3=-9959/2587, 3-4=-11702/3032, 4-5=-9555/2433, 5-6=-9557/2426, 6-7=-11350/2781, 7-8=-10997/2627, 8-9=-8300/2001
BOT CHORD 1-16=-245/1008, 15-16=-321/1008, 15-17=-2342/8838, 14-17=-2342/8838, 13-14=-2656/10422, 12-13=-2656/10422, 12-18=-2368/10114, 11-18=-2368/10114, 11-19=-2294/9747, 19-20=-2294/9747, 10-20=-2294/9747, 10-21=-219/832, 9-21=-219/832
WEBS 2-16=-6746/1847, 2-15=-2125/8236, 3-15=-2331/595, 3-14=-446/2072, 4-14=-986/3289, 4-12=-3179/1053, 5-12=-2024/8146, 6-12=-2669/673, 6-11=-604/2704, 7-11=-133/508, 7-10=-641/242, 8-10=-2205/9474

NOTES

- 3-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 3 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all 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.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2129 lb uplift at joint 16 and 2345 lb uplift at joint 9.
- Girder carries tie-in span(s): 35-10-0 from 9-11-4 to 15-11-4; 34-8-12 from 15-11-4 to 17-11-4; 32-8-12 from 17-11-4 to 19-11-4; 32-2-12 from 19-11-4 to 21-11-4; 32-2-0 from 21-11-4 to 25-11-4
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 3570 lb down and 1132 lb up at 8-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)

Vert: 1-5=-70, 5-8=-70, 1-14=-30, 14-18=-859(F=-829), 18-19=-832(F=-802), 19-20=-782(F=-752), 20-21=-769(F=-739), 9-21=-767(F=-737)

Concentrated Loads (lb)

Vert: 17=3570(F)

Job L202555	Truss T36	Truss Type COMMON	Qty 1	Ply 2	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Tue Aug 08 13:28:01 2006 Page 1		

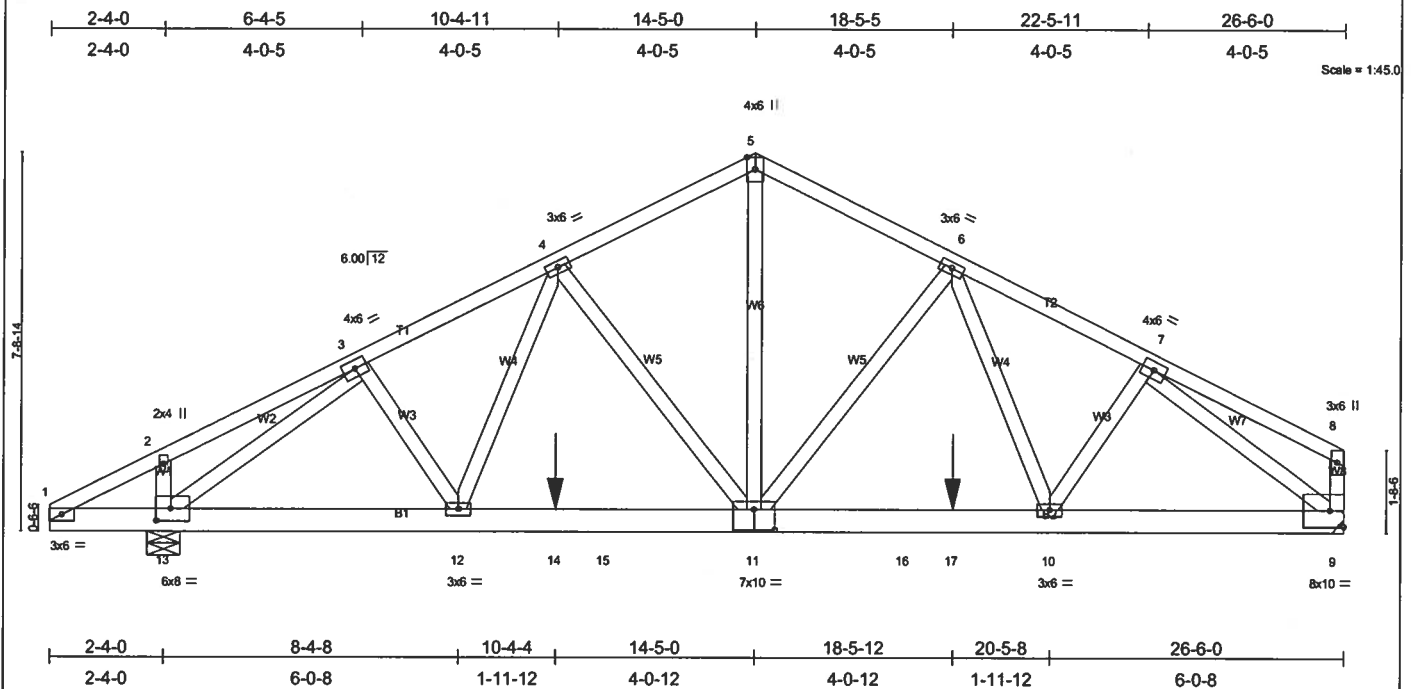


Plate Offsets (X,Y): [11:0-5-0,0-5-0], [13:0-3-8,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.38	Vert(LL)	0.14 11-12	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.76	Vert(TL)	-0.26 11-12	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.67	Horz(TL)	0.05 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
									Weight: 358 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 5-7-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS

(lb/size) 13=4043/0-8-0, 9=3819/Mechanical
Max Horz 13=147(load case 4)
Max Uplift 13=1981(load case 4), 9=1857(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-61/68, 2-3=-142/152, 3-4=-5612/2780, 4-5=-4902/2364, 5-6=-4902/2358, 6-7=-5579/2766, 7-8=-343/199, 8-9=-299/175
BOT CHORD 1-13=-53/72, 12-13=-2184/4392, 12-14=-2260/4753, 14-15=-2260/4753, 11-15=-2260/4753, 11-16=-2186/4737, 16-17=-2186/4737, 10-17=-2186/4737, 9-10=-2072/4332
WEBS 2-13=-361/228, 3-13=-5640/2669, 3-12=-502/1127, 4-12=-483/677, 4-11=-730/517, 5-11=-1965/4018, 6-11=-706/501, 6-10=-459/639, 7-10=-543/1190, 7-9=-5413/2579

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1981 lb uplift at joint 13 and 1857 lb uplift at joint 9.
- Girder carries tie-in span(s): 12-5-0 from 11-4-4 to 17-5-12
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1867 lb down and 1061 lb up at 10-4-4, and 1867 lb down and 1061 lb up at 18-5-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-5=-70, 5-8=-70, 1-15=-30, 15-16=-274(F=-244), 9-16=-30

Concentrated Loads (lb)

Vert: 14=1867(F) 17=1867(F)

Job L202555	Truss T37	Truss Type COMMON	Qty 3	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

6.200 s Jul 13 2005 Mittek Industries, Inc. Tue Aug 08 13:28:02 2006 Page 1

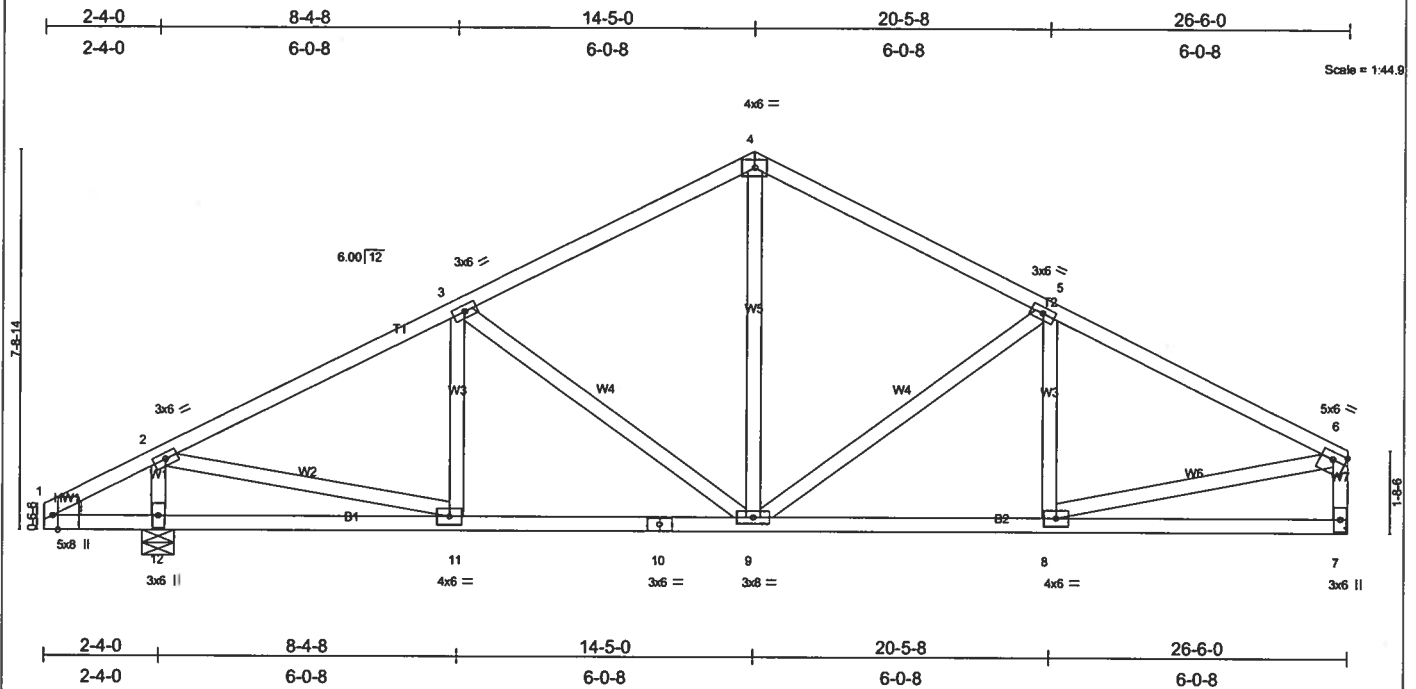


Plate Offsets (X,Y): [1:0-3-8,Edge], [6:Edge,0-1-12]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.65	Vert(LL)	0.12	8-9	>999	240	MT20
TCDL 15.0	Lumber Increase	1.25	BC 0.34	Vert(TL)	-0.12	8-9	>999	180	244/190
BCCL 10.0	Rep Stress Incr	YES	WB 0.68	Horz(TL)	0.03	7	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 150 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 4-10-15 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 12=1446/0-8-0, 7=1190/Mechanical
 Max Horz 12=151(load case 5)
 Max Uplift 12=762(load case 5), 7=624(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-14/85, 2-3=-1490/1256, 3-4=-1206/1092, 4-5=-1205/1092, 5-6=-1497/1259, 6-7=-1095/894
 BOT CHORD 1-12=-40/17, 11-12=-159/65, 10-11=-1041/1250, 9-10=-1041/1250, 8-9=-1041/1258, 7-8=-191/200
 WEBS 2-12=-1278/1005, 2-11=-1004/1278, 3-11=-112/14, 3-9=-370/372, 4-9=-705/567, 5-9=-381/372, 5-8=-94/11, 6-8=-876/1090

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Refer to girder(s) for truss to truss connections.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 762 lb uplift at joint 12 and 624 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L202555	Truss T38	Truss Type MONO TRUSS	Qty 1	Ply 2	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:28:02 2006 Page 1		

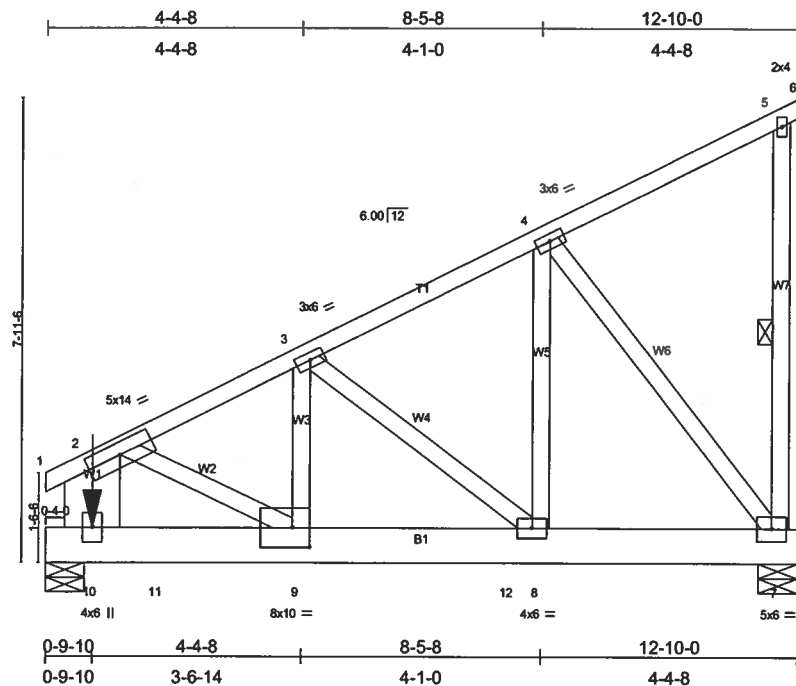


Plate Offsets (X,Y): [9:0-3-8,0-4-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.13	Vert(LL)	0.02	8-9	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.16	Vert(TL)	-0.05	8-9	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.35	Horz(TL)	0.01	7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 220 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 8 SYP 2400F 2.0E
 WEBS 2 X 4 SYP No.3 *Except*
 W1 2 X 12 SYP No.2

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

REACTIONS (lb/size) 7=1742/0-8-0, 10=6591/0-8-0
 Max Horz 10=336(load case 4)
 Max Uplift 7=-705(load case 4), 10=-1951(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/25, 2-3=-2723/685, 3-4=-1462/348, 4-5=-84/44, 5-6=-4/0, 5-7=-129/97, 2-10=-2114/573
 BOT CHORD 10-11=-463/613, 9-11=-463/613, 9-12=-841/2377, 8-12=-841/2377, 7-8=-455/1258
 WEBS 3-9=-334/1222, 3-8=-1431/494, 4-8=-583/1918, 4-7=-2043/734, 2-9=-408/1907

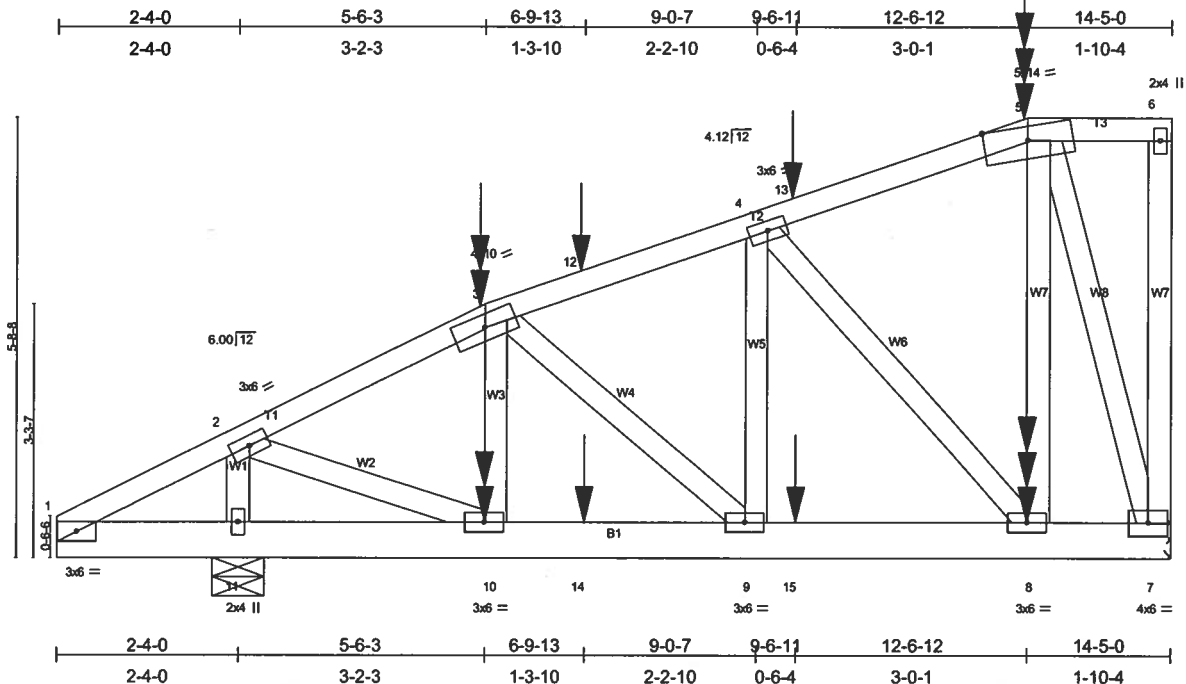
NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 12 - 2 rows at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 705 lb uplift at joint 7 and 1951 lb uplift at joint 10.
- Girder carries tie-in span(s): 24-6-0 from 1-11-0 to 7-11-0
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 3819 lb down and 1211 lb up at 0-9-10 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-70, 2-5=-70, 5-6=-30, 10-11=-30, 11-12=-576(F=-546), 7-12=-30
 Concentrated Loads (lb)
 Vert: 10=-3819(F)

Job L202555	Truss T39	Truss Type CAL.	Qty 2	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Tue Aug 08 13:28:03 2006 Page 1		



Scale = 1:28.6

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.25	in (loc) l/defl L/d	MT20	244/190
TCCL 15.0	Plates Increase 1.25	BC 0.24	Vert(LL) 0.03 8-9 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.90	Vert(TL) -0.05 8-9 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 7 n/a n/a		
	Code FBC2004/TP12002			Weight: 109 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 5-9-3 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 7=1867/Mechanical, 11=1336/0-8-0
 Max Horz 11=246(load case 4)
 Max Uplift 7=773(load case 2), 11=581(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-60/113, 2-3=-1134/437, 3-12=-1129/431, 4-12=-1063/425, 4-13=-634/209, 5-13=-537/199, 5-6=-21/8, 6-7=-58/31
 BOT CHORD 1-11=-59/75, 10-11=-171/0, 10-14=-530/954, 9-14=-530/954, 9-15=-487/1012, 8-15=-487/1012, 7-8=-226/541
 WEBS 2-11=-1122/471, 2-10=-391/1107, 3-10=-348/101, 3-9=0/76, 4-9=-176/262, 4-8=-758/414, 5-8=-527/1219, 5-7=-1705/714

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 773 lb uplift at joint 7 and 581 lb uplift at joint 11.
- 5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 142 lb down and 45 lb up at 5-6-3, 110 lb down and 35 lb up at 6-9-13, and 178 lb down and 56 lb up at 9-6-11, and 393 lb down and 125 lb up at 12-6-12 on top chord, and 26 lb down and 8 lb up at 5-6-3, 39 lb down and 12 lb up at 6-9-13, and 92 lb down and 29 lb up at 9-6-11, and 796 lb down and 252 lb up at 12-6-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

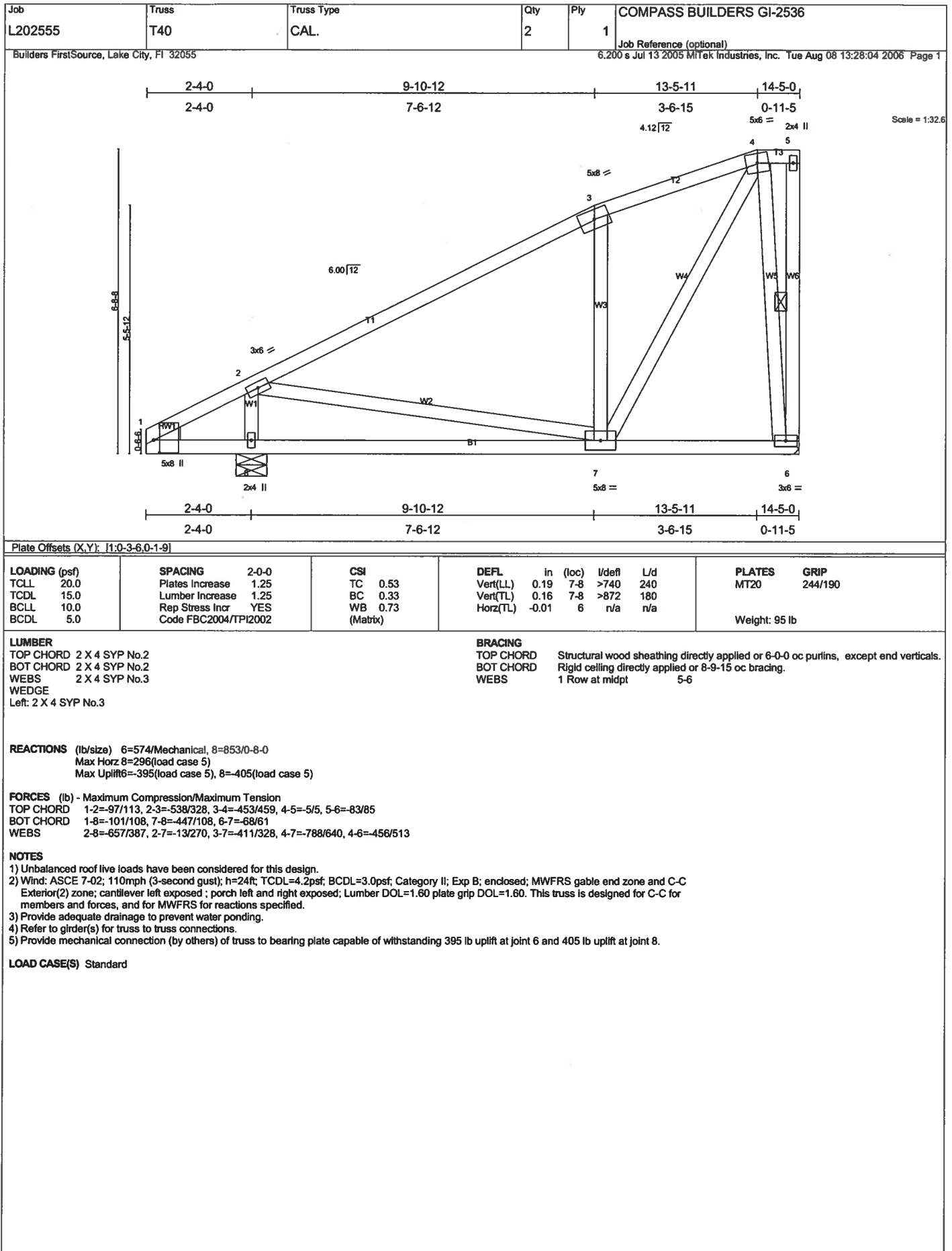
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

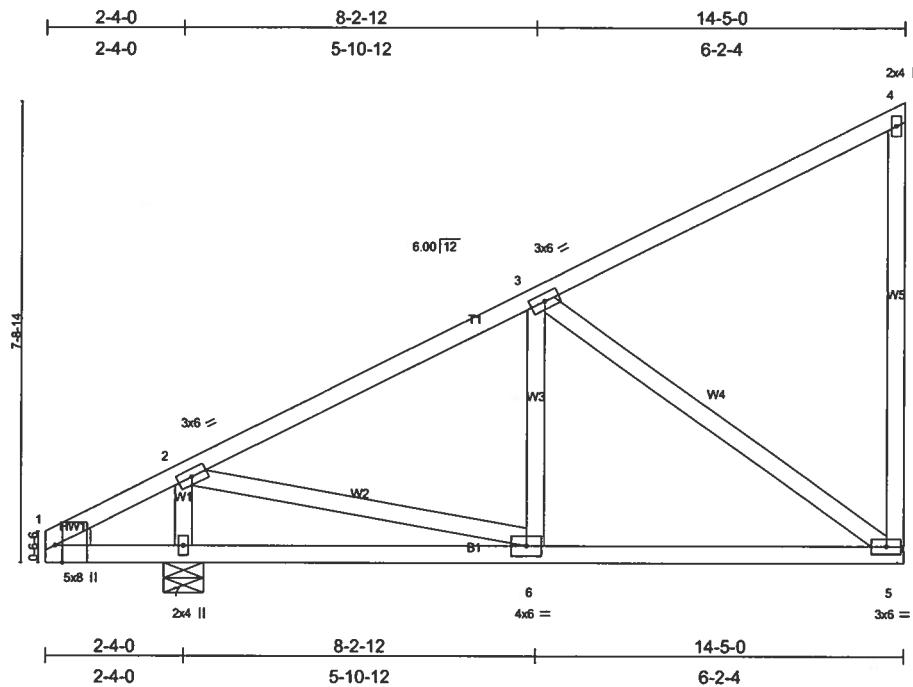
Vert 1-3=-70, 3-5=-70, 5-6=-70, 1-7=-30

Concentrated Loads (lb)

Vert 3=-142(F) 10=-28(F) 8=-796(F) 5=-393(F) 12=-110(F) 13=-178(F) 14=-39(F) 15=-92(F)



Job L202555	Truss T41	Truss Type MONO TRUSS	Qty 1	Ply 1	COMPASS BUILDERS GI-2536
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Aug 08 13:28:04 2006 Page 1		



Scale = 1/32

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

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.49	Vert(LL)	0.12	5-6	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.31	Vert(TL)	0.10	5-6	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.55	Horz(TL)	-0.01	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
										Weight: 84 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 6-0-0 oc bracing.

REACTIONS (lb/size) 7=853/0-8-0, 5=574/Mechanical
 Max Horz 7=339(load case 5)
 Max Uplift 7=-380(load case 5), 5=-431(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-72/126, 2-3=-604/390, 3-4=-115/56
 BOT CHORD 1-7=-45/75, 6-7=-322/0, 5-6=-589/467
 WEBS 2-7=-708/472, 2-6=-275/526, 3-6=-308/83, 3-5=-575/725, 4-5=-166/140

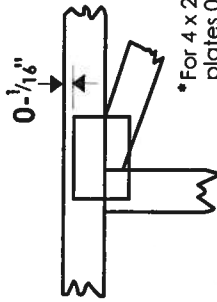
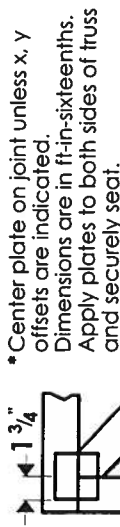
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=24ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 380 lb uplift at joint 7 and 431 lb uplift at joint 5.

LOAD CASE(S) Standard

Symbols

PLATE LOCATION AND ORIENTATION



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

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

PLATE SIZE

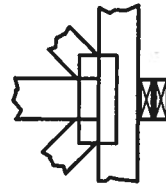
4 X 4

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

LATERAL BRACING



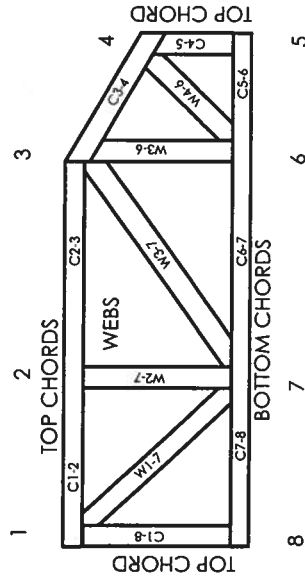
BEARING



Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



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

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

CONNECTOR PLATE CODE APPROVALS

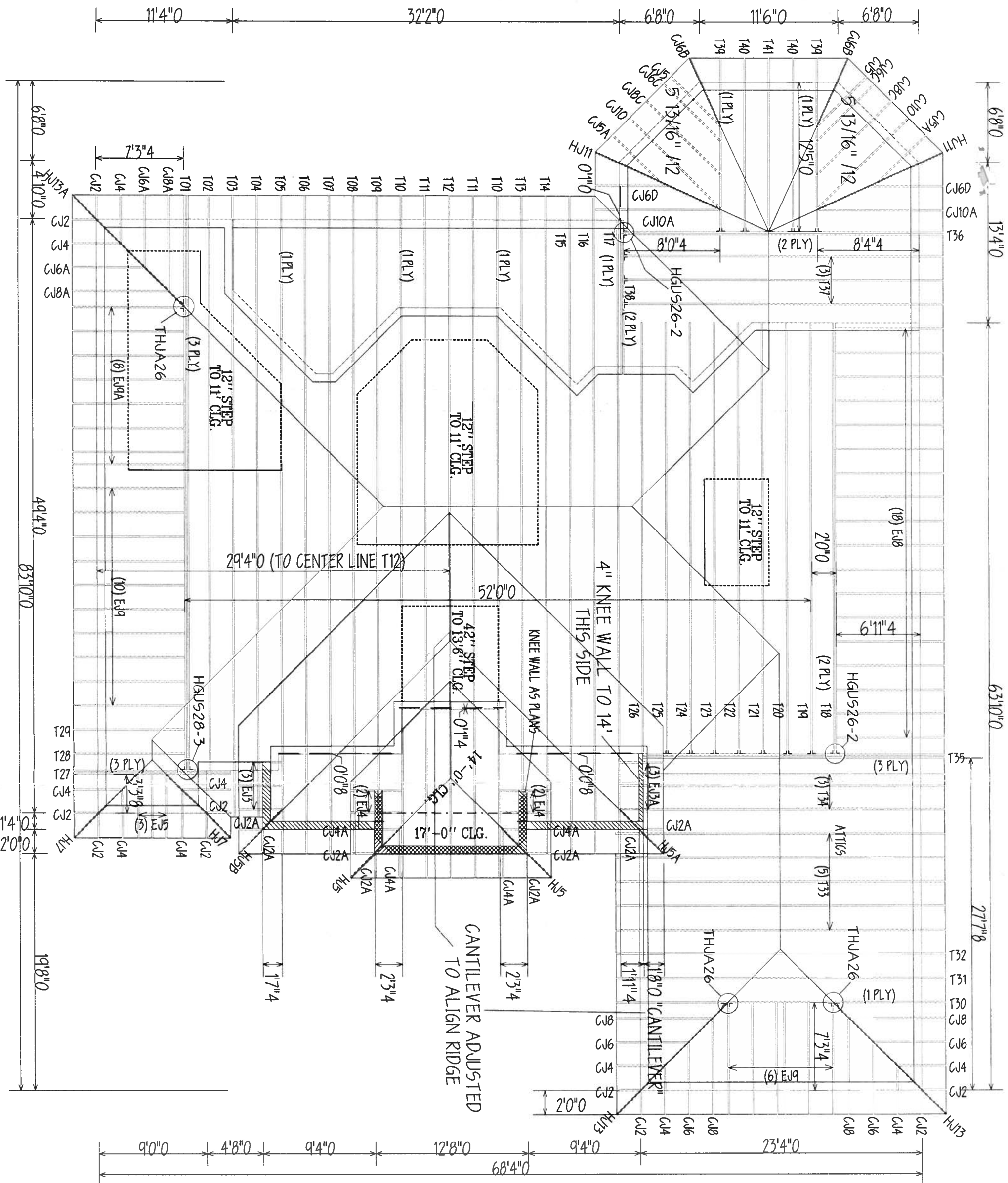
BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.





ALL FLAT 10' CLG'S.
UNLESS NOTED
24" CANTILEVER / 0'6"6 HEEI
(ENTRY STANDARD 0'4"3 HEEI
6/12 PITCH
8" BLOCK WALLS
HANGER SCHEDULE

BEARING HEIGHT SCHEDULE	
10'	10'
14'	14'
17'	17'

(3) THUA26
(2) HGU526-2
(1) HGU528-3
(15) HTU26

NOTES:

- 1) REFER TO HIR 91 RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING REQUIRED.
- 2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE CORNER EITEL DECIDED OR REFER TO DETAIL VOPS FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2 0% MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
- 6) 5X12 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL ROOF TRUSSES HANGERS TO BE SHOWN HTU26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSSES HANGERS TO BE SHOWN THA422 UNLESS OTHERWISE NOTED.
- 8) DEWANE/DEER/INTEL (RDP) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPR.

THIS LAYOUT IS THE SOLE SOURCE FOR FABRIC TRUSSES AND VOPS. ALL PREVIOUS ARCHITECTURE TRUSS LAYOUTS, REVIEW AND APPROVAL OF THIS BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. CONDITIONS TO MAKE ADJUST CHANGES THAT IN EXTRA CHARGES TO YOU.

Required Return Date: _____

Approved By: _____ Date: _____



PHONE: 904-437-3349 FAX: 904-437-3349
JACKSONVILLE
PHONE: 904-772-6100 FAX: 904-772-6100
LAKE CITY
PHONE: 904-755-6994 FAX: 904-755-6994
SANFORD
PHONE: 407-322-0059 FAX: 407-322-0059

BUILDER: COMPASS BUILD

LEGAL ADDRESS:
ROSE CREEK / L.C.
MODEL: VERANDAH II
DATE: 8/8/06
DRAWN BY: JOB#
BPC L2