

This Permit Expires One Year From the Date of Issue

APPLICANTJERRY T. WOODPHONE365.2181

ADDRESSPOB 2817LAKE CITYFL32056

OWNERTINA CISTAROPHONE

ADDRESS468SE ORMOND WITT ROADLAKE CITYFL32056

CONTRACTORJERRY T. WOODPHONE365.2181

LOCATION OF PROPERTY441-S TO C-238, 500 YARDS PAST HOBO TRACTOR, TL ON ORMOND WITT RD, GO APPROX. 1 MILE, PROPERTY ON THE L.

TYPE DEVELOPMENTSFD, UTILITYESTIMATED COST OF CONSTRUCTION70000.00

HEATED FLOOR AREA1985.00TOTAL AREA3125.00HEIGHT0.00STORIES1

FOUNDATIONCONCWALLSFRAMEDROOF PITCH6/12FLOORCONC

LAND USE & ZONINGA-3MAX. HEIGHT35

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

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

PARCEL ID26-5S-17-09395-007SUBDIVISIONx Jerry Wood

LOTBLOCKPHASEUNITTOTAL ACRES0.50

RG0003023

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

EXISTING060029-NBLKJTHN

Driveway ConnectionSeptic Tank NumberLU & Zoning checked byApproved for IssuanceNew Resident

COMMENTS:ONE FOOT ABOVE THE ROAD.

Check # or Cash4394

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary PowerFoundationMonolithic

date/app. bydate/app. bydate/app. by

Under slab rough-in plumbingSlabSheathing/Nailing

date/app. bydate/app. bydate/app. by

FramingRough-in plumbing above slab and below wood floor

date/app. bydate/app. by

Electrical rough-inHeat & Air DuctPeri. beam (Lintel)

date/app. bydate/app. bydate/app. by

Permanent powerC.O. FinalCulvert

date/app. bydate/app. bydate/app. by

M/H tie downs, blocking, electricity and plumbingPool

date/app. bydate/app. by

ReconnectionPump poleUtility Pole

date/app. bydate/app. bydate/app. by

M/H PoleTravel TrailerRe-roof

date/app. bydate/app. bydate/app. by

BUILDING PERMIT FEE \$350.00CERTIFICATION FEE \$15.63SURCHARGE FEE \$15.63

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

FLOOD DEVELOPMENT FEE \$FLOOD ZONE FEE \$25.00CULVERT FEE \$TOTAL FEE456.26

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 INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Prepared by:
Lisa Braswell/Elaine R. Davis
American Title Services of Lake City, Inc.
330 SW Main Boulevard
Lake City, Florida 32025

File Number: 05-475

Inst: 2005016666 Date: 07/14/2005 Time: 10:27
Doc Stamp-Deed : 416.50
mk DC, P. DeWitt Cason, Columbia County B:1051 P:2377

Warranty Deed

Made this July 11, 2005 A.D.

By **Ronald A. Feagle a married man**, 834 SE Aldine Feagle Road, Lake City, FL 32025, hereinafter called the grantor, to
Tina Cistaro, whose post office address is: 255 Arapaho Trail, Kissimmee, FL 34747, hereinafter called the grantee:

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

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

See Attached Schedule "A"

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

? Parcel ID Number: **R09395-004**
Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.
To Have and to Hold, the same in fee simple forever.

And 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, 2004.

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:

Lyndi Skinner
Witness Printed Name LYNDI SKINNER

Ronald A. Feagle (Seal)
Ronald A. Feagle
Address: 834 SE Aldine Feagle Road, Lake City, FL 32025

Yvonne Lang
Witness Printed Name YVONNE LANG

_____(Seal)
Address:

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 11th day of July, 2005, by Ronald A. Feagle a married man, who is/are personally known to me or who has produced drivers license as identification.

Lyndi Skinner
Notary Public
Print Name: _____

 Lyndi Skinner
My Commission DD150708
Expires September 17, 2006

My Commission Expires: _____

Prepared by:
Lisa Braswell/Elaine R. Davis
American Title Services of Lake City, Inc.
330 SW Main Boulevard
Lake City, Florida 32025

File Number: 05-475

Inst:2005016666 Date:07/14/2005 Time:10:27
Loc Stamp-Deed : 416.50
DC, P. DeWitt Cason, Columbia County B:1051 P:2378

Schedule "A"

That part of the East 1/2 of the Southeast 1/4 of the Southwest 1/4, SECTION 26, TOWNSHIP 5 SOUTH, RANGE 17 EAST, Columbia County, Florida described as follows: Commence at the Northeast corner of said East 1/2 of the Southeast 1/4 of the Southwest 1/4 and run thence South 01° 29' 12" East along the East line of said East 1/2 of the Southeast 1/4 of the Southwest 1/4, 328.55 feet to the Point of Beginning, thence continue South 01° 29' 12" East along said East line, 328.54 feet; thence South 88° 16' 48" West 664.29 feet to the West line of said East 1/2 of the Southeast 1/4 of the Southwest 1/4, thence North 01° 28' 55" West along said West line, 328.54 feet; thence North 88° 16' 48" East 664.26 feet to the Point of Beginning. Said lands being subject along the East side thereof to right of way for Ormand Witt Road. A county maintained graded road.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0601-59 Date Received 1/24/06 By G Permit # 24099
Application Approved by - Zoning Official BLK Date 20.01.06 Plans Examiner OKJH Date 2-1-06
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments Well letter, NOC (OK#)

Applicants Name Jerry Wood Phone 365-2181
Address PO Box 2817 LAKE City, FL 32056
Owners Name Tina Cistaro Phone _____
911 Address 468 SE Ormond Witt Rd LAKE City, FL 32025
Contractors Name Wood Construction (Jerry Wood) Phone 365-2181
Address PO Box 2817 LAKE City, FL 32056
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Mark Disasway P.E.
Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 26-55-17-09395-007 Estimated Cost of Construction 150,000.00
Subdivision Name _____ Lot 2 Block _____ Unit _____ Phase _____
Driving Directions 441 S to CR 238 500yds Past Hobo Tractor
turn left on Ormond Witt Rd Go Approx 1 mile Lot 2
left Side of Road
Type of Construction Frame + Brick Number of Existing Dwellings on Property 0
Total Acreage 5.01 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 160' Side 140' Side 125' Rear 435'
Total Building Height 19'6" Number of Stories 1 Heated Floor Area 1985 Roof Pitch 6/12
Porch 436 GARAGE 704 TOTAL 3125

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

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 11 day of January 2006.
Personally known ✓ or Produced Identification _____

G & Wood
Contractor Signature
Contractors License Number RG 0003023
Competency Card Number 1
NOTARY STAMP/SEAL
Brenda Terry
Notary Signature
Brenda Terry
My Commission DD293888
Expires February 24, 2008

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * 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 ISSUED: November 4, 2005

ENHANCED 9-1-1 ADDRESS:

468 SE GRMOND WITT RD (LAKE CITY, FL 32025)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER PARCEL NUMBER: 26-5S-17-09395-007

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

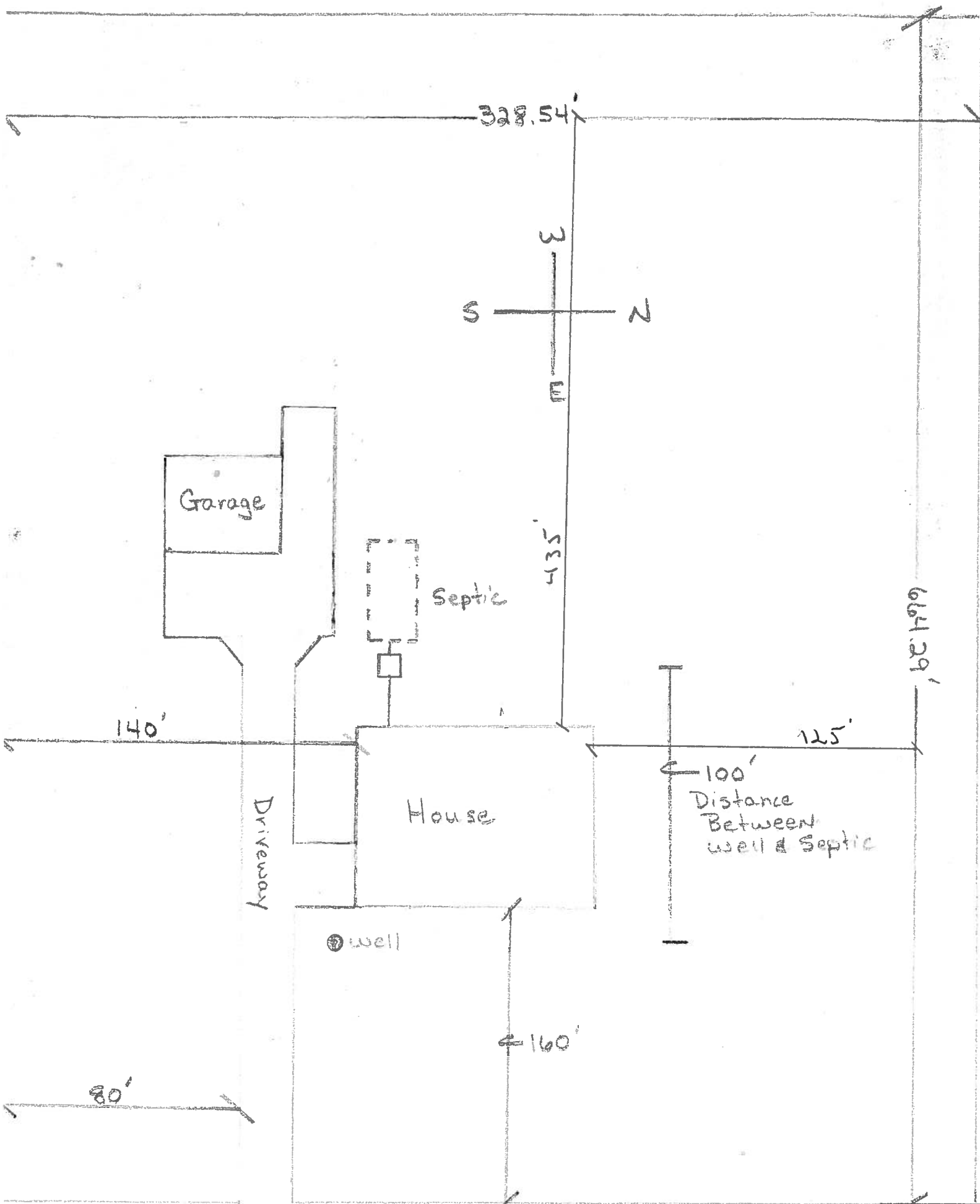
Remarks: _____

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.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED



Ormand With Road

COLUMBIA COUNTY OFFICE DEPARTMENT OF BUILDING AND ZONING

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 26-5S-17-09395-007

Building permit No. 000024099

Use Classification SFD, UTILITY

Fire: 39.06

Permit Holder JERRY T. WOOD

Waste: 117.25

Owner of Building TINA CISTARO

Total: 156.31

Location: 468 SE ORMOND WITT RD, LAKE CITY, FL

Date: 03/28/2007



Jerry T. Wood

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

COLUMBIA COUNTY DEPT 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 26-5S-17-09395-009

Building permit No. 000024099

Use Classification SFD, UTILITY

Fire: 39.06

Permit Holder JERRY T. WOOD

Waste: 117.25

Owner of Building TINA CISTARO

Total: 156.31

Location: 468 SE ORMOND WITT RD, LAKE CITY, FL



Date: 04/06/2007

[Signature]
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

MASTER

FROM : LYNCH WELL DRILLING 752-1477

PHONE NO. : 7526677

MAR. 13 2002 02:22PM P1



AMTROL INC.

WEL-FLO[®]

Pre-pressurized
Water System Tanks

- Proven Diaphragm Design
- Tough Glass Finish
- Sizes from 14 to 119 Gallons
- Outstanding Value





NEW HOME CONST ONLY

Pump and Tank Code
Section 613
Well Pumps and Tanks used for private potable water
systems

~~July 1, 2001~~ March 1, 2002

613.1 Pumps. Well pumps used for potable water shall comply with sections 613.1.1 and 613.1.2
613.1.1 Pump Installation. Pumps shall be installed for operation without re-priming or breaking suction. Pumps shall be connected to the well head by means of a union, companion flange or compression coupling in such a manner that it is accessible for maintenance, repair and removal.
613.1.2 Pump Sizing. Minimum pump size shall be determined by table 613.1.

Table 613.1

Minimum Private Potable Water System Pump Size

Minimum Pump Size	Bathrooms in Home				
	1	1 1/2	2-2 1/2	3-4	5-6
	7gpm	10gpm	14gpm	17gpm	21gpm

Notes:

1. Values given are average and do not include high and low extremes
2. Installations over 6 bathrooms shall be approved by the code official

613.2 Pressure Tanks. Tanks relying on expansion of a flexible membrane within a restricting container, or tanks with direct water-to-air interface to provide pressure in the water system shall be used. All pressure tanks for storing potable water under pressure, including those having an airspace for pressure for expansion shall be identified by seal, label, or plate indicating the manufacturer's name and model number and shall meet the following specifications:

1. Pressure tank drawdown shall be a minimum of 1 gallon for every gallon produced by the pump (Example: 20 gallon per minute pump will require a draw of 20 gallons usable). Exceptions: Pump start applications, constant pressure devices and variable speed pumps.
2. Pressure tanks must be constructed of steel, fiberglass, or comparable materials. Tanks to be buried shall have a minimum wall thickness of 1/4 inch and be built by the manufacturer specifically for underground use. Fiberglass or other non-metallic tanks to be buried shall have the structural strength to prevent collapse.

613.3 Piping. Piping associated with well pumps and tanks shall comply with Sections 613.3.1 through 613.3.

613.3.1 Drop Pipe. The Drop pipe from the submersible pump to the first fitting past the well seal shall be either galvanized steel, stainless steel, or PVC Schedule 80 threaded/coupled or lock joint pipe. The drop pipe for a single (pipe) jet pump shall be either galvanized steel, or stainless steel. The drop pipe for a double (pipe) jet shall be galvanized steel, stainless steel on the suction side and/or minimum PVC Schedule 40 on the pressure side.

613.3.2 Pump Discharge pipe sizing. For submersible pumps, pipe size shall be equal to the pump discharge. Piping for all other types of pumps shall be sized in accordance to the manufacturer's specifications.

613.3.3 Pressure Tank Pipe Sizing. Piping size for the offset of the pressure tank shall use the piping friction loss charts for the piping material used.

613.4 Electrical wiring. All wiring shall be installed in accordance with chapter 27 of the Florida Building code and NFPA 70.

613.5 Disinfection. The pump installer shall disinfect any potable well and water system in accordance with Section 610.

613.6 Valves. A pressure relief valve shall be installed on any pumping system that can produce pressures of 75 psi or greater. A check valve shall be installed at the well head of submersible pumps.

* Cycle Stop valves ARE CONSTANT PRESS DEVICE

* Counties may Add Higher Demands

FLOL INC.**WELL-X-TROL 5****essurized Diaphragm Well Tanks****CHAMPION, WEL-FLO, PRO-LINE See Flat Sheet**

Model / Part No.	List Price (\$)	Diameter (ins)	Dimensions Height (ins)	Total Volume (gals)	Max. Accept Factor	System Drawdown			Shipping WL (Vol.) lbs (cu ft)
						20/40 (gals)	30/60 (gals)	40/80 (gals)	
CH 4202/WF60/CA4202	213.00	15 1/4	31 1/4	20.0	0.57	8.0	6.8	5.9	33 (4.9)
CH 6000/WF80/CA6000	225.00	15 1/4	38 1/4	26.0	0.44	10.5	8.8	7.6	36.0
CH 8003/WF100/CA8003	364.00	15 1/4	46 1/4	32.0	0.35	-	10.9	9.4	43 (7.0)
CH 8205/WF110/CA8205	399.00	22	29 1/4	34.0	1.00	13.7	11.6	10.0	61 (9.6)
CH 10050/WF140/CA10050	461.00	22	36	44.0	0.77	17.7	15.0	13.0	69 (11.0)
CH 12051/WF200/CA12051	545.00	22	46 1/4	62.0	0.55	24.9	21.1	18.3	92 (13.9)
CH 17255/WF255/CA17255	585.00	22	56 1/4	81.0	0.41	32.6	27.5	23.9	103
CH 17252/WF252/CA17252	653.00	22	62 1/4	86.0	0.39	34.6	29.2	25.4	114 (18.1)
CH 17002/WF260/CA17002	647.00	26	47 1/4	86.0	0.54	34.6	29.2	25.4	123 (18.9)
CH 22050/WF360/CA22050	922.00	26	51 1/4	119.0	0.39	47.8	40.5	35.1	166 (24.5)

CH4202, CH6000, CH8003, WF60, WF80, WF100, CA 4202, CA6000, & CA8003 have a 1" NPTF system connection and a 28 psig pre-charge.

CH10050, CH12051, CH17002, CH17252, CH17255, CH22050 have a 1 1/4" NPTF system connection and a 38 psig pre-charge.



DUCT SYSTEM SUMMARY

Entire House

LARRY RESMONDO A/C

Job: LOT 2 ORMOND WITT
ROAD 1/18/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: JERRY WOOD
LAKE CITY, FL 32056
Phone: 386-365-2181 Fax: 386-758-5697

	HEATING	COOLING
External Static Pressure:	0.10 in H2O	0.00 in H2O
Pressure Losses:	0.50 in H2O	0.50 in H2O
Available Static Pressure:	-0.4 in H2O	-0.5 in H2O
Friction Rate:	0.100 in/100ft	0.100 in/100ft
Actual AVF:	1150 cfm	1150 cfm

Total Effective Length (TEL): 140 ft

Supply Branch Detail Table

Name	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trnk
WHOLE HOUSE	4433	3555	164	164	0.100	615	7	0x 0	ShMt	st1
WHOLE HOUSE-A	4430	3551	164	164	0.100	615	7	0x 0	ShMt	st1A
WHOLE HOUSE-B	4430	3551	164	164	0.100	615	7	0x 0	ShMt	st1A
WHOLE HOUSE-C	4430	3551	164	164	0.100	615	7	0x 0	ShMt	st1B
WHOLE HOUSE-D	4430	3551	164	164	0.100	615	7	0x 0	ShMt	st1
WHOLE HOUSE-E	4430	3551	164	164	0.100	615	7	0x 0	ShMt	st1
WHOLE HOUSE-F	4430	3551	164	164	0.100	615	7	0x 0	ShMt	st1

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	1150	1150	824	16	0 x 0	ShtMetl	
st1A	Peak AVF	493	493	747	11	0 x 0	ShtMetl	st1
st1B	Peak AVF	164	164	615	7	0 x 0	ShtMetl	st1A

Return Branch Detail Table

Name	Diffus Sz (in)	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trunk
rb1	0 x 0	31016	24859	1150	1150	0.100	651	18	0x 0	ShMt	

Bold/italic values have been manually overridden



RIGHT-J BUILDING ANALYSIS REPORT

Entire House

LARRY RESMONDO A/C

Job: LOT 2 ORMOND WITT
ROAD 1/18/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32843 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

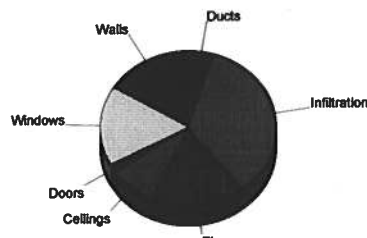
For: JERRY WOOD
LAKE CITY, FL 32056
Phone: 386-365-2181 Fax: 386-758-5697

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	92		Average
Inside db (°F)	70	75		0
Design TD (°F)	37	17		
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	52		
Method			Construction quality	
			Fireplaces	

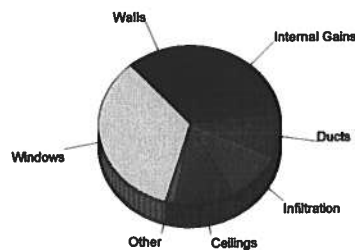
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	2.8	5032	16.2
Windows	25.4	5166	16.7
Doors	17.0	715	2.3
Ceilings	1.2	2423	7.8
Floors	30.0	5410	17.4
Infiltration	44.0	10791	34.8
Ducts		1477	4.8
Total		31013	100.0



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	1.6	2817	11.3
Windows	42.0	8517	34.3
Doors	9.5	398	1.6
Ceilings	1.4	2685	10.8
Floors	0.0	0	0.0
Infiltration	10.1	2479	10.0
Ducts		2260	9.1
Internal gains		5700	22.9
Total		24855	100.0



Cooling at 82 % SHR = 2.5 ton

Cooling at 70 % SHR = 2.9 ton

Cooling air flow = 469 cfm/ton

Cooling at 400 cfm/ton = 2.9 ton

Overall U-Value = 0.122 Btuh/ft²-°F

Data entries checked.





RIGHT-J LOAD AND EQUIPMENT SUMMARY

Entire House

LARRY RESMONDO A/C

Job: LOT 2 ORMOND WITT
ROAD 1/18/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: JERRY WOOD
LAKE CITY, FL 32056
Phone: 386-365-2181 Fax: 386-758-5697

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	52 gr/lb

Heating Summary

Building heat loss	31013 Btuh
Ventilation air	0 cfm
Ventilation air loss	0 Btuh
Design heat load	31013 Btuh

Sensible Cooling Equipment Load Sizing

Structure	24855 Btuh
Ventilation	0 Btuh
Design temperature swing	3.0 °F
Use mfg. data	n
Rate/swing multiplier	0.97
Total sens. equip. load	24109 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1985	1985
Volume (ft³)	19845	19845
Air changes/hour	0.8	0.4
Equiv. AVF (cfm)	265	133

Latent Cooling Equipment Load Sizing

Internal gains	690 Btuh
Ventilation	0 Btuh
Infiltration	4647 Btuh
Total latent equip. load	5337 Btuh

Total equipment load 29447 Btuh

Heating Equipment Summary

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-042JA

Efficiency	3.4 HSPF
Heating input	0 Btuh
Heating output	0 Btuh
Heating temp rise	0 °F
Actual heating fan	1150 cfm
Heating air flow factor	0.037 cfm/Btuh

Space thermostat

Cooling Equipment Summary

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-042JA
RCHJ-48A1

Efficiency	12.0 SEER
Sensible cooling	27300 Btuh
Latent cooling	11700 Btuh
Total cooling	39000 Btuh
Actual cooling fan	1150 cfm
Cooling air flow factor	0.046 cfm/Btuh

Load sensible heat ratio 82 %

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.





RIGHT-J SHORT FORM Entire House

LARRY RESMONDO A/C

Job: LOT 2 ORMOND WITT
ROAD 1/18/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: JERRY WOOD
LAKE CITY, FL 32056
Phone: 386-365-2181 Fax: 386-758-5697

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	92	Method	Average
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	37	17	Fireplaces	
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	52		

HEATING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-042JA

Efficiency 3.4 HSPF
Heating input 0 Btuh
Heating output 0 Btuh
Heating temperature rise 0 °F
Actual heating fan 1150 cfm
Heating air flow factor 0.037 cfm/Btuh

Space thermostat

COOLING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-042JA
RCHJ-48A1

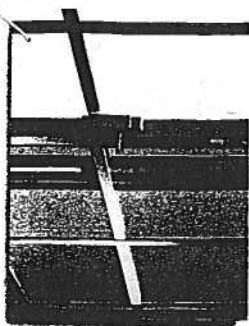
Efficiency 12.0 SEER
Sensible cooling 27300 Btuh
Latent cooling 11700 Btuh
Total cooling 39000 Btuh
Actual cooling fan 1150 cfm
Cooling air flow factor 0.046 cfm/Btuh

Load sensible heat ratio 82 %

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
WHOLE HOUSE	1985	31013	24855	1150	1150
Entire House	1985	31013	24855	1150	1150
Ventilation air		0	0		
Equip. @ 0.97 RSM			24109		
Latent cooling			5337		
TOTALS	1985	31013	29447	1150	1150

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



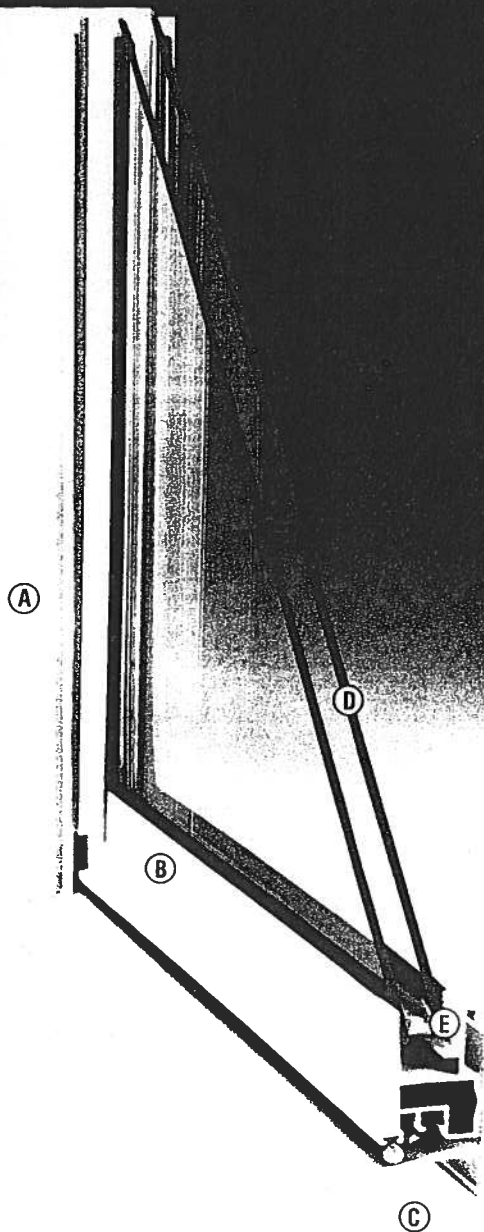
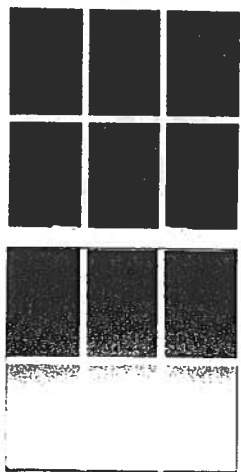


650 SERIES

Non-Thermal Single Hung Aluminum Windows

**Ideal for warmer climates,
this durable single hung offers
plenty of features.**

- Aluminum Tilt-Single Hung
- Block & Tackle Balance
- Sweep Lock System at Meeting Rail
- Inside Removable Meeting Rail for Easy Drywall Pass Thru.
- Interlock System at Meeting Rail
- Optional Decorative Grids Between the Glass
- Complete Specialty Window and Mulling Accessories Available
- AAMA Labeled and NFRC Certified



- (A) Aluminum Main Frame
- (B) Aluminum Sash
- (C) 2 3/8" Frame Depth
- (D) 5/8" Insulated Glass
- (E) Removable Bottom Glass Is Marine Glazed In Sash Frame
Removable Top Glass Is Drop-In Tape Glazed In Main Frame

CAPITOL™
WINDOWS AND DOORS

650 SERIES

Single Hung Opening Specifications

NOMINAL UNIT SIZE	SASH RAISED SQ. FT. CLEAR OPENING	SASH RAISED CLEAR OPENING WIDTH X HEIGHT (INCH X INCH)	SASH REMOVED SQ. FT. CLEAR OPENING	SASH REMOVED CLEAR OPENING WIDTH X HEIGHT (INCH X INCH)	VENT AREA SQ. FT.	VISIBLE LITE SQ. FT.	SCREEN SIZE WIDTH X HEIGHT	GLASS SIZE WIDTH X HEIGHT
2'0 x 3'0	1.68	18 1/8 x 13 5/16	1.93	18 1/8 x 15 5/16	1.91	3.72	19 1/4 x 17	19 x 16
2'0 x 4'0	2.43	18 1/8 x 19 5/16	2.68	18 1/8 x 21 5/16	2.65	5.21	19 1/4 x 23	19 x 22
2'0 x 4'4	2.68	18 1/8 x 21 5/16	2.93	18 1/8 x 23 5/16	2.90	5.71	19 1/4 x 25	19 x 24
2'0 x 5'0	3.19	18 1/8 x 25 5/16	3.44	18 1/8 x 27 5/16	3.39	6.70	19 1/4 x 29	19 x 28
2'0 x 6'0	3.94	18 1/8 x 31 5/16	4.19	18 1/8 x 33 5/16	4.13	8.19	19 1/4 x 35	19 x 34
2'0 x 6'0 ORIEL	3.19	18 1/8 x 25 5/16	3.44	18 1/8 x 27 5/16	3.39	8.19	19 1/4 x 29	19 x 40 TOP 19 x 28 BOTTOM
2'4 x 3'0	2.05	22 1/8 x 13 5/16	2.35	22 1/8 x 15 5/16	2.34	4.56	23 1/4 x 17	23 x 16
2'4 x 4'0	2.97	22 1/8 x 19 5/16	3.27	22 1/8 x 21 5/16	3.25	6.38	23 1/4 x 23	23 x 22
2'4 x 4'0	3.27	22 1/8 x 21 5/16	3.58	22 1/8 x 23 5/16	3.55	6.99	23 1/4 x 25	23 x 24
2'4 x 5'0	3.89	22 1/8 x 25 5/16	4.20	22 1/8 x 27 5/16	4.15	8.20	23 1/4 x 29	23 x 28
2'4 x 6'0	4.81	22 1/8 x 31 5/16	5.12	22 1/8 x 33 5/16	5.06	10.03	23 1/4 x 35	23 x 34
2'4 x 6'0 ORIEL	3.89	22 1/8 x 25 5/16	4.20	22 1/8 x 27 5/16	4.15	10.03	23 1/4 x 29	23 x 40 TOP 23 x 28 BOTTOM
2'8 x 3'0	2.42	26 1/8 x 13 5/16	2.78	26 1/8 x 15 5/16	2.77	5.39	27 1/4 x 17	27 x 16
2'8 x 4'0	3.50	26 1/8 x 19 5/16	3.87	26 1/8 x 21 5/16	3.84	7.55	27 1/4 x 23	27 x 22
2'8 x 4'4	3.87	26 1/8 x 21 5/16	4.23	26 1/8 x 23 5/16	4.20	8.27	27 1/4 x 25	27 x 24
2'8 x 5'0	4.59	26 1/8 x 25 5/16	4.96	26 1/8 x 27 5/16	4.92	9.70	27 1/4 x 29	27 x 28
2'8 x 6'0	5.68	26 1/8 x 31 5/16	6.04	26 1/8 x 33 5/16	5.99	11.86	27 1/4 x 35	27 x 34
2'8 x 6'0 ORIEL	4.59	26 1/8 x 25 5/16	4.96	26 1/8 x 27 5/16	4.92	11.86	27 1/4 x 29	27 x 40 TOP 27 x 28 BOTTOM
3'0 x 3'0	2.78	30 1/8 x 13 5/16	3.20	30 1/8 x 15 5/16	3.20	6.22	31 1/4 x 17	31 x 16
3'0 x 4'0	4.04	30 1/8 x 19 5/16	4.46	30 1/8 x 21 5/16	4.44	8.71	31 1/4 x 23	31 x 22
3'0 x 4'4	4.46	30 1/8 x 21 5/16	4.88	30 1/8 x 23 5/16	4.86	9.54	31 1/4 x 25	31 x 24
3'0 x 5'0	5.30	30 1/8 x 25 5/16	5.71	30 1/8 x 27 5/16	5.68	11.20	31 1/4 x 29	31 x 28
3'0 x 6'0	6.55	30 1/8 x 31 5/16	6.97	30 1/8 x 33 5/16	6.92	13.69	31 1/4 x 35	31 x 34
3'0 x 6'0 ORIEL	5.30	30 1/8 x 25 5/16	5.71	30 1/8 x 27 5/16	5.68	13.69	31 1/4 x 29	31 x 40 TOP 31 x 28 BOTTOM
3'4 x 4'0	4.58	34 1/8 x 19 5/16	5.05	34 1/8 x 21 5/16	5.04	9.88	35 1/4 x 23	35 x 22
3'4 x 4'4	5.05	34 1/8 x 21 5/16	5.52	34 1/8 x 23 5/16	5.51	10.82	35 1/4 x 25	35 x 24
3'4 x 5'0	6.00	34 1/8 x 25 5/16	6.47	34 1/8 x 27 5/16	6.45	12.70	35 1/4 x 29	35 x 28
3'4 x 6'0 ORIEL	6.00	34 1/8 x 25 5/16	6.47	34 1/8 x 27 5/16	6.45	15.53	35 1/4 x 29	35 x 40 TOP 35 x 28 BOTTOM
3'8 x 4'0	5.11	38 1/8 x 19 5/16	5.64	38 1/8 x 21 5/16	5.64	11.05	39 1/4 x 23	39 x 22
3'8 x 4'4	5.64	38 1/8 x 21 5/16	6.17	38 1/8 x 23 5/16	6.16	12.10	39 1/4 x 25	39 x 24
3'8 x 5'0	6.70	38 1/8 x 25 5/16	7.23	38 1/8 x 27 5/16	7.21	14.20	39 1/4 x 29	39 x 28
3'8 x 6'0 ORIEL	6.70	38 1/8 x 25 5/16	7.23	38 1/8 x 27 5/16	7.21	17.36	39 1/4 x 29	39 x 40 TOP 39 x 28 BOTTOM
4'0 x 4'0	5.65	42 1/8 x 19 5/16	6.23	42 1/8 x 21 5/16	6.23	12.21	43 1/4 x 23	43 x 22
4'0 x 5'0	7.40	42 1/8 x 25 5/16	7.99	42 1/8 x 27 5/16	7.97	15.70	43 1/4 x 29	43 x 28
4'0 x 6'0 ORIEL	7.40	42 1/8 x 25 5/16	7.99	42 1/8 x 27 5/16	7.97	15.70	43 1/4 x 29	43 x 40 TOP 43 x 28 BOTTOM

650 SERIES

Non-Thermal Aluminum Single Hung & Specialty - Standard Window Unit Sizes Available

SINGLE HUNG WINDOW SIZES

CODE ACTUAL SIZE ROUGH OPENING	2-0	2-4	2-8	3-0	3-4	3-8	4-0
	23 1/8	27 1/8	31 1/8	35 1/8	39 1/8	43 1/8	47 1/8
	23 5/8	27 5/8	31 5/8	35 5/8	39 5/8	43 5/8	47 5/8
3-0	35 5/8						
4-0	47 5/8						
4-4	51 5/8						
5-0	59 5/8						
6-0	71 5/8						
6-0	71 7/8						
6-0	71 5/8						
6-0	71 7/8						
	Oriel	Oriel	Oriel	Oriel	Oriel	Oriel	Oriel

PICTURE WINDOW SIZES

CODE ACTUAL SIZE ROUGH OPENING	2-0	3-0	4-0	5-0
	23 1/8	35 1/8	47 1/8	59 1/8
	23 5/8	35 5/8	47 5/8	59 5/8
3-0				
4-0				
5-0				
6-0				
6-0				
6-0				
6-0				
	Oriel	Oriel	Oriel	Oriel

ARCH TOP SIZES

CODE ACTUAL SIZE ROUGH OPENING	4-0	5-0	5-4	6-0
	47 1/8	59 1/8	63 1/8	71 1/8
	47 5/8	59 5/8	63 5/8	71 5/8
4-0				
5-0				
5-4				
6-0				
6-0				
6-0				
6-0				
	Oriel	Oriel	Oriel	Oriel



QUALITY CONTROL & TESTING
AAMA CERTIFICATION PROGRAM

ACCREDITED BY: AMERICAN NATIONAL STANDARDS INSTITUTE

Validator: ALI®

CODE: MTL-4



Some products may require special glazing options to meet certain Energy Star criteria. Contact your sales representative for more information.

TRANSOM WINDOW SIZES

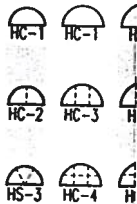
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NOTE: Actual height of circle top = Actual width divided by 2 + 9/16"
 Rough Opening height of circle top = Actual Height (calculated above) + 1/2"

QUART



1-2			
1-8			
19 5/8			
19 7/8			
2-0			
23 5/8			
23 7/8			



CODE	2-0	2-4	2
ACTUAL SIZE	23 1/8	27 1/8	31
ROUGH OPENING	23 5/8	27 5/8	31

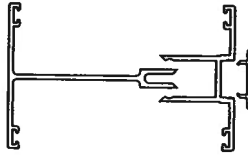
ANY STANDARD HEIGHT HUNG			
ANY STANDARD HEIGHT PICTURE			

NOTE: Actual
Rough

650 SERIES

*Non-Thermal Single Hung
Aluminum Windows*

MULLIONS AVAILABLE

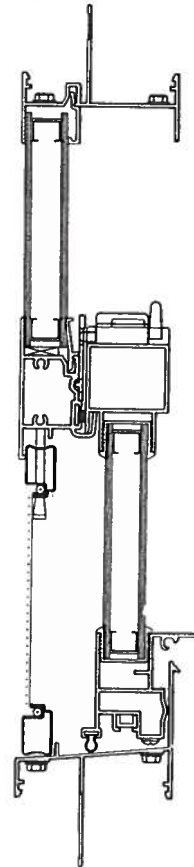


CM-45028
CM-45029 3-PIECE
CM-45030
11/16" ADD ON

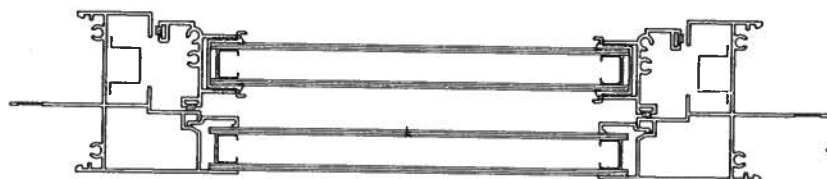


CM-65024 H-MULL
1/8" ADD ON

VERTICAL DETAIL

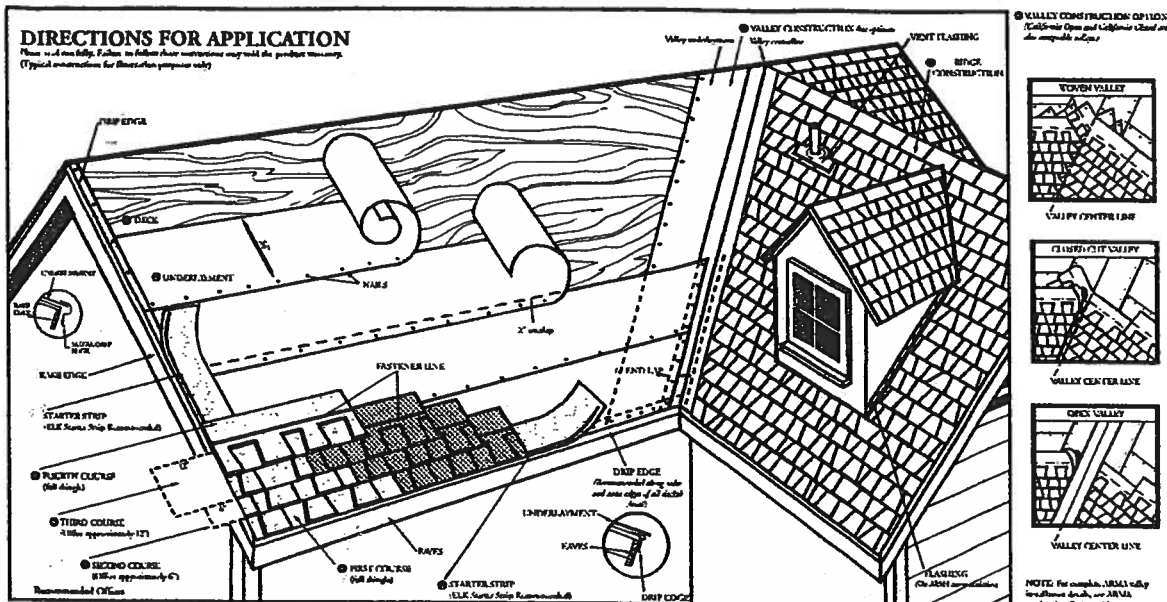


HORIZONTAL DETAIL



DIRECTIONS FOR APPLICATION

Please read carefully. Failure to follow these instructions may void the product warranty.
(Typical construction for illustration purposes only)



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt, Elk Versashield® or self-adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 15". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof.

SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6". Other offsets are approved if greater than 4".

THIRD COURSE

Offset the next course by 6" with respect to the second course, or consistent with the original offset.

FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 8" of valley center.

RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z-Ridge or Seal-A-Ridge® with formula FLX™ or RidgeCrest® with FLX (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 18-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSARD APPLICATIONS

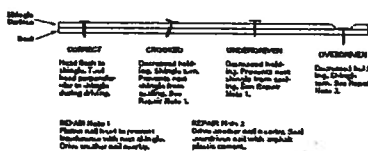
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4" of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a U.L.C. Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.



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06/07/2002 05:18 FAX

DOORFILE

001

Dec. 28. 2001 5:03PM PREMDOR DICKSON 315 445 7029

885 P. 12/52

MIAMI-DADE

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1363
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2533

CONTRACT ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6139

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Premdor Entry Systems
One Premdor Drive
Dickson, TN 37055

Your application for Notice of Acceptance (NOA) of:
Eatergy SE Double Door w/sidelites - Inswing - Opnuc-8'0" In a Wood Frame
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of
Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade
County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this
product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this
product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the
use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is
determined by BCCO that this product or material fails to meet the requirements of the South Florida
Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-1031.06
EXPIRES: 11/05/2006

Rafael Rodriguez
Chief of Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building
Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set
forth above.

APPROVED: 12/11/2001

Francisco J. Quintana

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

Dec. 28. 2001 5:04PM PREMDOR DICKSON 615 446 7229

6885 F. 13/52

Premdor Entry SystemsACCEPTANCE No.: 01-1031.06APPROVED: December 11, 2001EXPIRES: November 5, 2006NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This renews Notice of Acceptance (NOA) No. 00-0720.10, which was issued on November 09, 2000. It renews the approval of a residential insulated steel door, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The Series "Entergy" Inswing Opaque Double Residential Insulated Steel Doors (Metal Edge) with Sidelites 8' 0" High - Impact Resistant Door Slab Only and its components shall be constructed in strict compliance with the following document: Drawing No 31-1034-EM-I, Sheets 1 through 6 of 6, titled "Premdor (Entergy Metal Edge) Double Door w/ Sidelites in Wood Frame w/ Bumper Threshold - 8' 0" Height (Inswing)," prepared by manufacturer, dated 6/15/98 and revised on 7/27/01, bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications of pair of doors and single door with sidelites, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.
- 3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.

4. INSTALLATION

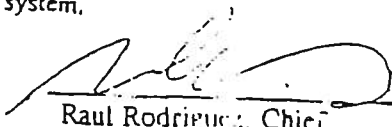
- 4.1 The residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters):
Door Slab: The installation of this unit will not require a hurricane protective system.
Sidelites: The installation of these units will require a hurricane protective system.

5. LABELING

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

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


Raul Rodriguez, Chief
Product Control Division

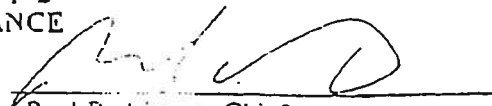
Dec. 28. 2001 5:04PM PREMDOR DICKSON 615 446 7229

8885 9. 14/52

Premdor Entry SystemsACCEPTANCE No. 01-1031.06APPROVED: December 11, 2001EXPIRES: November 5, 2006NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

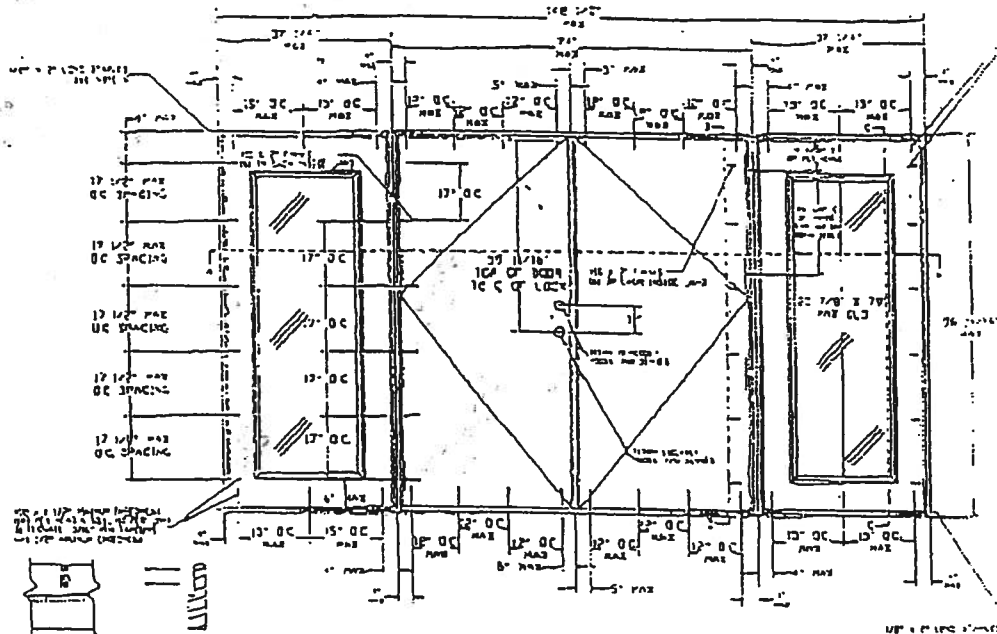

Raul Rodriguez, Chief
Product Control Division

Dec. 28, 2001 5:04PM PREMDOR DICKSON 615 446 7229

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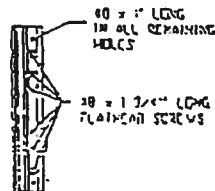
PREMDOR CENTERGY METAL EDGE DOUBLE DOOR
WITH SIDELITES IN WOOD FRAMES
WITH BUMPER THRESHOLD-8'0" HEIGHT (IN SWING)



ATTACH ASTRALGAL THRESHOLD
STRIP TO THE WOOD
AND THRESHOLD WITH 1/2" x 2"
FLATHEAD SCREWS

NOTES:

1. WOOD BLOCKS BY STUDIES MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE. IF THE PRECEDING DRAWINGS ARE INTENDED TO QUALIFY THE FOLLOWING INSTALLATIONS.
- A. WOOD FRAME CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY WOOD OPENING
- B. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY STRUCTURAL VEEB RUCK
- C. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL FAN BY WOOD BLOCK
2. ALL ANCHORING SCREWS TO BE 1/2" WITH MINIMUM 1 1/2" EMBEDMENT INTO WOOD SUBSTRATE OR 3/16" PERI TAPCONS WITH 1 1/2" MINIMUM EMBEDMENT INTO MASONRY
3. GLAZED UNIT MUST BE INSTALLED WITH HIGH-SIDE COUNTRY APPROVED SHIMMERS
4. THESE STAPLES PER SIDE JAMB INTO HEADER OR SIDELITE AND OTHER THREE STAPLES PER JAMB INTO THRESHOLD ON SIDELITE AND DOOR
5. LATEX SEALANT TO BE APPLIED AT SIDE BY SIDE JAMBS AND SIDELITES
6. DOOR/SIDELITE HEADERS, DOOR/SIDELITE JAMBS, AND SIDELITE BASE CORNERS ARE COPED AND BUTTED
7. DOORS SHALL BE PRE-PAINTED WITH AN ACRYLIC LATEX WATER-BASED/ WATER-REDUCIBLE WHITE PRIMER WITH A DRY FILM THICKNESS OF 88 TO 12 MIL.
8. FRAMES SHALL BE PRE-PAINTED WITH A WATER-BASED CRYST PRIMER WITH A DRY FILM THICKNESS OF 12 TO 12 MIL.



ASTRALGAL

WINDSTORM PRESSURE RATINGS			
	WHERE WATER INFILTRATION REQUIREMENT IS MET	WHERE WATER INFILTRATION REQUIREMENT IS NOT MET	
Positive	NOT APPROVED	148.7 PSF	
Negative	NOT APPROVED	-148.7 PSF	

2. UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE FACE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES. UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.

WINDSTORM PRESSURE RATINGS		WINDSTORM PRESSURE RATINGS	
	WHERE WATER INFILTRATION REQUIREMENT IS MET	WHERE WATER INFILTRATION REQUIREMENT IS NOT MET	
Positive	NOT APPROVED	148.7 PSF	
Negative	NOT APPROVED	-148.7 PSF	

PRODUCT RENEWED

ACCEPTANCE NO. 11-1031-06

EXPIRATION DATE: 11/10/15, 2015

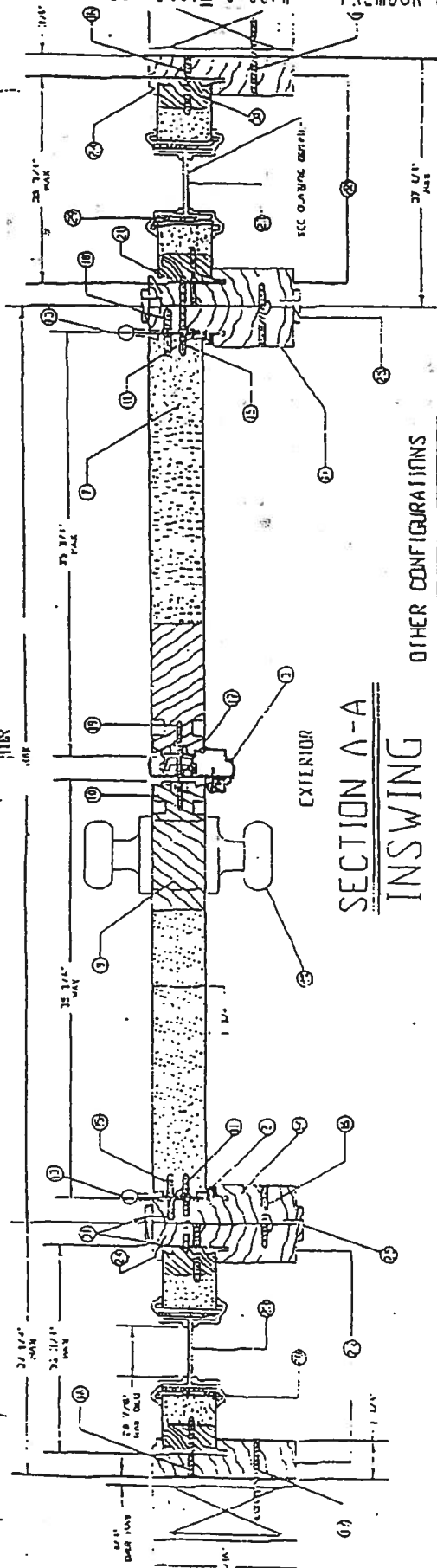
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PRODUCT CONTROL LOCATION

BUILDING CODE COMPLIANCE OFFICE

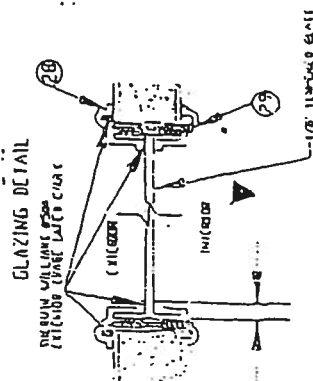
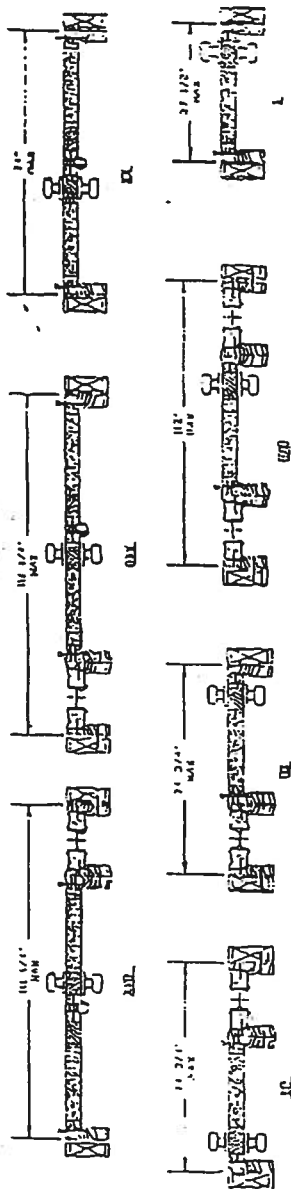
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OTHER CONFIGURATIONS

SECTION A-A
INSWING



PRODUCT RENEWED

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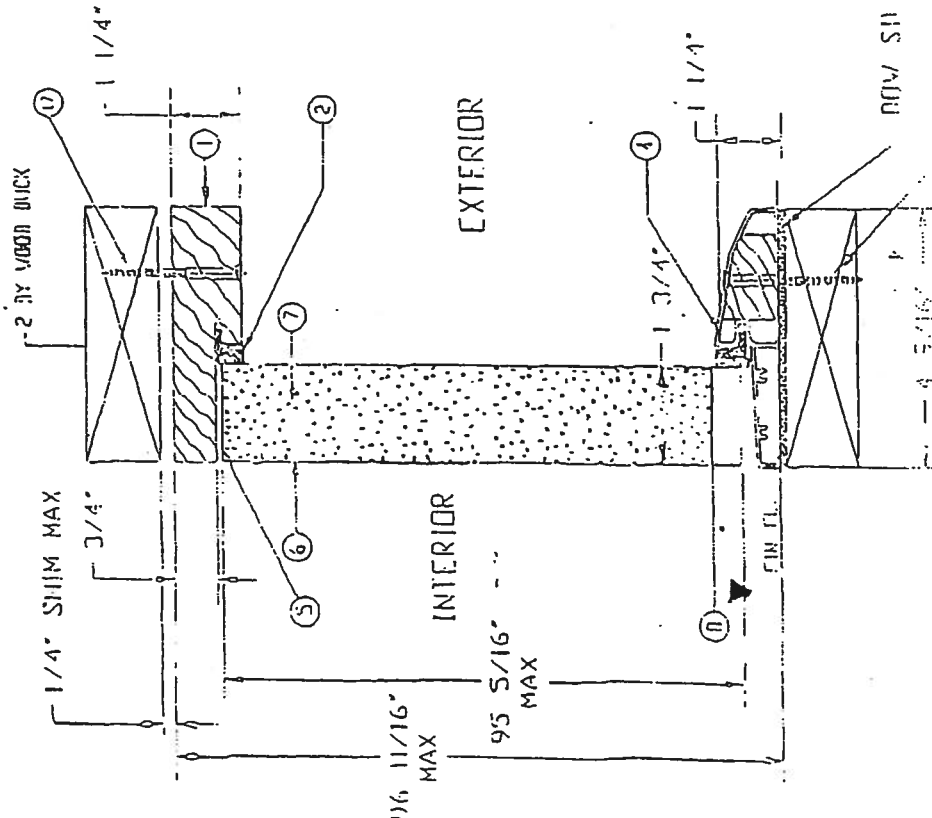
1. *Chlorophyll a* and *b* contents were determined by the method of Lichtenthaler and Whistler (1973).

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172.

MATERIALS LIST

ITEM NO.	DESCRIPTION	UNIT NUMBER	QUANTITY
1	WOOD HEAD JOIST	EN-14	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
2	COMPRESSION WEATHERSHIP	EN-21	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
3	ALUMINUM ANGLE	EN-12	PREMIER BRAND OR EQUIV. - 3/16" ALUMINUM ANGLE
4	ALUMINUM-CLIPPER HINGE	EN-15	PREMIER BRAND OR EQUIV. - 1 1/4" X 4 9/16"
5	TOP CHANNEL	EN-08	PREMIER BRAND - 1 1/4" X 4 9/16" - 20 GA. STEEL
6	STEEL SILL	EN-08	PREMIER BRAND - 1 1/4" X 4 9/16" - 20 GA. STEEL
7	POLYURETHANE FOAM STUFF	EN-07	PREMIER BRAND - 1 1/4" X 4 9/16" - 20 GA. STEEL
8	ROLLING CHANNEL	EN-07	PREMIER BRAND - 1 1/4" X 4 9/16" - 20 GA. STEEL
9	WOOD LOCK BOLTS	EN-05	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
10	STEEL SILL	EN-05	PREMIER BRAND - 1 1/4" X 4 9/16" - 20 GA. STEEL
11	WOOD SILL	EN-05	PREMIER BRAND - 1 1/4" X 4 9/16" - 20 GA. STEEL
12	LOCK PIPER FILLER PLATE	EN-13	PREMIER BRAND - 1 1/4" X 4 9/16" - 20 GA. STEEL
13	5/8" HIKER	EN-15	PREMIER BRAND OR EQUIV. - 5/8" HIKER
14	WOOD HINGE JOIST	EN-17	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
15	410-24 X 1/2" PHHS		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
16	410 X 2" PHHS		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
17	WOOD HINGE JOIST		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
18	410 X 2" PHHS		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
19	410 X 2" PHHS		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
20	LOCK SET		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
21	410 X 1 3/4" PHHS		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
22	WOOD SILL JOIST	EN-10	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
23	22" X 40" SINGLE PANEL GLASS	EN-19	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
24	STEELIC FRAM WINDOW	EN-20	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
25	WOOD CASING	EN-21	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
26	WOOD STEELIC HEAD JOIST	EN-22	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
27	WOOD STEELIC BASE	EN-23	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
28	POLYURETHANE LITE FOAM	EN-05	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
29	46 X 1 1/2" PAN HEAD SCREWS		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
30	STEELIC STUDS	EN-26	1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)
31	PIN NAIL		1 1/4" X 4 9/16" HDL. IN BR. PINE OR EQUIV. (1)



DOOR SILL JOIST

PRODUCT RENEWAL

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SECTION B-B

PREMIER ENTRY SYSTEMS

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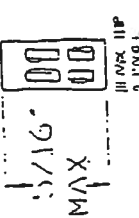
SHEET 3 III

Dec. 28, 2001 2:36PM PREMDOR DICKSON 615 445 7229

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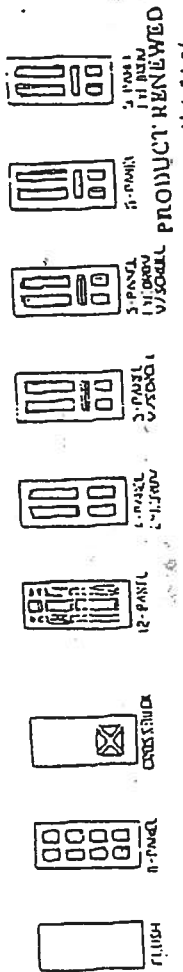
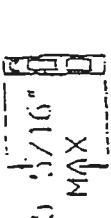
LITHEER DOOR PANEL STYLES

36" MAX



LITHEER SIDELITE STYLES

36" MAX



PRODUCT RENEWED

ACCEPTANCE NO. 01-1071-06

INSULATION VALUE

BY

REINFORCED CONSTRUCTION

WILLIAM CROOK CONSULTING

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Anthony 24F Power Beam® Design Properties

ATTN: 3 PAGES
Jimmy GARAGE

24F POWER BEAM Design Properties

Allowable Design Stresses (psi)

Flexural Stress F_b^*	Tension Parallel to Grain F_t	Compression Perpendicular to Grain F_{ca}	Horizontal Shear F_v	Modulus of Elasticity MOE
2400	1150	740	240	1,800,000

*For nominal 12" depths. For other depths:

$$C_v = K_L \left[(2/L)^{1/4} \times (12/d)^{1/4} \times (5.125/b)^{1/4} \right] \leq 1.0$$

L = length of member between points of zero moment, ft.

d = depth, of bending member, inches.

b = width, inches for full width members.

K_L = loading coefficient.

SINGLE SPAN BEAM:

Concentrated load at mid span $\frac{KL}{1.09}$

Uniformly distributed loads 1.0

Two equal concentrated loads at 1/3 points of span ... 0.96

CONTINUOUS BEAM OR CANTILEVER:

All loading conditions 1.0

POWER BEAM Section Properties

3-1/8" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)							
	8 1/4	9 1/4	11	12 1/4	13 1/4	15 1/4	16 1/4	17 1/4
Area (in. ²)	26	30	34	39	43	47	52	56
Section Modulus (in. ³)	35	48	63	80	98	119	142	166
Moment of Inertia (in. ⁴)	146	232	347	494	677	901	1,170	1,487
Weight (lbs/LF)	6.8	7.9	9.1	10.2	11.3	12.5	13.6	14.8

5-1/8" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)										
	11	12 1/4	13 1/4	15 1/4	16 1/4	17 1/4	19 1/4	20 1/4	22	23 1/4	
Area (in. ²)	56	63	70	78	85	92	99	106	113	120	
Section Modulus (in. ³)	101	131	161	193	223	273	317	363	413	467	
Moment of Inertia (in. ⁴)	568	809	1,110	1,478	1,919	2,439	3,047	3,747	4,548	5,455	
Weight (lbs/LF)	14.9	16.7	18.6	20.5	22.3	24.2	26.1	27.9	29.8	31.6	

3-1/2" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)							
	8 1/4	9 1/4	11	12 1/4	13 1/4	15 1/4	16 1/4	17 1/4
Area (in. ²)	29	34	39	43	48	53	58	63
Section Modulus (in. ³)	40	54	71	89	110	133	159	186
Moment of Inertia (in. ⁴)	164	260	388	533	758	1,009	1,310	1,666
Weight (lbs/LF)	7.6	8.9	10.2	11.4	12.7	14	15.3	16.5

5-1/2" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)										
	11	12 1/4	13 1/4	15 1/4	16 1/4	17 1/4	19 1/4	20 1/4	22	23 1/4	
Area (in. ²)	61	68	76	83	91	98	106	113	121	129	
Section Modulus (in. ³)	111	140	173	210	250	293	340	390	444	501	
Moment of Inertia (in. ⁴)	610	869	1,191	1,586	2,059	2,618	3,269	4,021	4,880	5,854	
Weight (lbs/LF)	16	18	20	22	24	26	28	30	32	34	

6-3/4" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)															
	8 1/4	9 1/4	11	12 1/4	13 1/4	15 1/4	16 1/4	17 1/4	19 1/4	20 1/4	22	23 1/4	24 1/4	26 1/4	27 1/4	28 1/4
Area (in. ²)	56	63	74	84	93	102	111	121	130	139	149	158	167	176	187	195
Section Modulus (in. ³)	77	104	136	172	213	257	306	359	417	479	545	615	689	768	846	938
Moment of Inertia (in. ⁴)	316	502	749	1,066	1,462	1,948	2,527	3,213	4,012	4,935	5,990	7,180	8,528	10,130	12,020	13,542
Weight (lbs/LF)	14.7	17.1	19.6	22.0	24.5	26.9	29.4	31.8	34.3	36.7	39.2	41.6	44.1	46.5	49.4	51.4

Anthony 24F Power Beam

Allowable Floor Load Tables LDF=1.0 3-1/8" & 5-1/8" Widths - Standard Depths

Key - for each clear span there are three numbers:

Row 1: Maximum Total Load with LDF of 1.0, and deflection limited to L/240

Row 2: Maximum Live Load limited by deflection of L/360

Row 3: Required Bearing Length in rimmer thickness
(e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Actual Span	3 1/8"									5 1/8"									
	Depth (in.)									Depth (in.)									
	8 1/4	9 3/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8		11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/8	20 3/8	22	23 1/8
6'	1309	2136	2631	3132	3696	4335	5063	5902		4314	5137	6062	7109	8303	9679	11282	13171	15432	18186
	1509	2136	2631	3132	3696	4335	5063	5902		4314	5137	6062	7109	8303	9679	11282	13171	15432	18186
	3	3	4.5	4.5	6	7.5	7.5	9		4.5	4.5	6	7.5	7.5	9	10.5	12	15	18
7'	1151	1567	2049	2496	2909	3364	3868	4430		3380	4093	4770	5517	6344	7266	8299	9466	10793	12317
	1137	1567	2049	2496	2909	3364	3868	4430		3380	4093	4770	5517	6344	7266	8299	9466	10793	12317
	3	3	4.5	4.5	6	6	7.5	7.5		4.5	4.5	6	6	7.5	7.5	9	10.5	12	15
8'	879	1198	1566	1984	2397	2748	3129	3543		2509	3253	3931	4506	5131	5814	6562	7385	8296	9308
	762	1198	1566	1984	2397	2748	3129	3543		2509	3253	3931	4506	5131	5814	6562	7385	8296	9308
	3	3	4.5	4.5	6	6	7.5	7.5		4.5	4.5	6	6	7.5	7.5	9	10.5	12	15
9'	693	945	1246	1566	1933	2322	2626	2954		2026	2567	3171	3807	4307	4844	5424	6052	6734	7478
	535	945	1246	1566	1933	2322	2626	2954		2026	2567	3171	3807	4307	4844	5424	6052	6734	7478
	1.5	2	3	4.5	4.5	6	6	7.5		4.5	4.5	6	6	7.5	7.5	9	9	9	10.5
10'	560	764	999	1266	1564	1894	2233	2531		1638	2076	2565	3105	3698	4351	5022	5726	6468	7248
	390	619	924	1266	1564	1894	2233	2531		1516	2076	2565	3105	3698	4351	5022	5726	6468	7248
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
11'	432	630	824	1044	1290	1563	1861	2185		1351	1713	2116	2543	3052	3584	4025	4444	4889	5364
	293	465	694	949	1190	1463	1761	2185		1139	1422	1716	2063	2452	2884	3255	3644	4089	4584
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
12'	332	528	691	876	1082	1311	1562	1834		1133	1438	1775	2130	2501	3008	3490	3922	4299	4698
	226	358	535	762	1045	1311	1562	1834		877	1249	1713	2130	2501	3008	3490	3922	4299	4698
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
13'	259	415	587	745	921	1115	1328	1560		967	1221	1510	1829	2179	2559	2970	3401	3835	4178
	177	282	421	599	822	1094	1328	1560		690	982	1348	1794	2179	2559	2970	3401	3835	4178
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
14'	206	330	464	641	792	960	1144	1343		813	1051	1399	1794	1875	2203	2548	2917	3311	3728
	142	226	337	480	648	876	1137	1343		552	787	1079	1436	1804	2203	2548	2917	3311	3728
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
15'	166	267	401	557	689	854	994	1168		658	913	1120	1369	1631	1910	2209	2529	2870	3232
	116	183	274	390	535	712	924	1168		449	640	877	1168	1516	1910	2209	2529	2870	3232
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
16'	136	219	329	471	604	752	872	1023		540	773	990	1200	1437	1670	1932	2212	2510	2827
	95	151	226	321	441	587	762	968		370	527	723	962	1249	1538	1832	2132	2510	2827
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
17'	112	181	271	391	534	647	771	906		448	642	873	1080	1256	1472	1703	1950	2214	2493
	79	126	188	268	367	485	635	807		309	439	603	802	1001	1208	1434	1680	2214	2493
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
18'	95	151	228	328	453	576	686	807		373	538	742	940	1116	1307	1512	1751	1965	2214
	67	106	158	226	310	412	535	680		260	370	508	674	877	1115	1393	1713	1965	2214
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
19'	78	127	193	277	383	513	614	722		318	455	628	839	997	1187	1430	1647	1750	1978
	57	90	135	192	263	350	453	578		221	315	432	573	746	948	1184	1457	1736	1978
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
20'	66	108	164	236	327	438	535	651		269	388	536	718	895	1048	1213	1389	1574	1778
	49	77	116	169	226	300	390	496		189	270	370	493	640	813	1016	1249	1514	1778
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
21'	56	92	140	203	281	376	491	589		230	332	460	617	806	946	1099	1254	1425	1605
	42	67	100	142	193	259	337	428		164	233	320	420	552	702	877	1079	1308	1571
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
22'	48	79	121	175	243	326	425	533		198	287	398	534	698	858	993	1138	1292	1456
	37	58	87	124	170	228	297	372		142	203	278	370	480	611	763	928	1139	1366
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
23'	41	68	105	152	211	283	371	474		172	249	346	465	608	777	904	1036	1177	1327
	32	51	76	108	148	197	256	328		129	177	243	324	420	535	668	821	997	1190
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
24'	35	59	91	132	184	248	323	415		149	217	302	407	532	681	826	947	1076	1213
	28	45	67	95	131	174	228	287		110	156	214	283	370	471	588	723	877	1052
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
25'	30	51	79	110	142	188	246	306		130	190	265	357	466	600	733	869	987	1113
	25	40	59	84	116	154	200	254		97	138	189	252	327	410	520	640	776	931
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
26'	26	45	70	102	142	192	252	321		114	167	234	313	414	531	667	800	909	1023
	22	35	53	75	103	137	177	226		86	123	168	224	291	370	462	569	690	828
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
27'	21	36	61	90	120	170	224	287		100	147	207	279	367	471	592	733	839	946
	20	31	47	67	92	122	158	202		77	110	150	200	260	330	413	508	616	739
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
28'	20	34	54	79	112	151	199	256		88	130	182	248	327	420	528	654	776	878
	18	28	42	60	82	109	142	181		69	98	135	180	233	296	370	455	552	663
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1.5	2	2	2.5	2.5	3	3
29'	17	30	48	70	99	135	178	229		78	116	162	221	292	375	473	586	715	813
	16	25	38	54	74	99	128	163		62	88	121	162	210	267	333	410	497	598
	1.5	1.5	2	3	4.5	4.5	6	6		1	1	1.5	1						

24F RUBBER

Allowable Roof Load Tables LDF = 1.25 3-1/8" & 5-1/8" Widths - Standard Depths

Key - for each clear span there are three numbers:

Row 1: Minimum Total Load with LDF of 1.25, and deflection limited to L/180

Row 2: Minimum Live Load limited by deflection of L/240

Row 3: Required Bearing Length in member thickness (e.g., 1.5 = 1" bearing, 2.0 = 2" bearing, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header.

Annual Span	3 1/8"										5 1/8"									
	Depth (in.)										Depth (in.)									
	11 1/4	11 3/8	11 1/2	11 5/8	11 3/4	11 7/8	12 1/8	12 1/4	12 3/8	12 1/2	13 1/8	13 1/4	13 3/8	13 1/2	13 5/8	13 3/4	13 7/8	14 1/8	14 1/4	14 3/8
6'	1962	2672	3291	3918	4423	4921	5421	5921	6421	6921	7582	8091	8591	9091	9591	10091	10591	11091	11591	12091
7'	1460	1961	2463	2963	3463	3963	4463	4963	5463	5963	6624	7133	7633	8133	8633	9133	9633	10133	10633	11133
8'	1101	1500	1900	2300	2700	3100	3500	3900	4300	4700	5361	5870	6370	6870	7370	7870	8370	8870	9370	9870
9'	804	1103	1403	1703	2003	2303	2603	2903	3203	3503	4164	4673	5173	5673	6173	6673	7173	7673	8173	8673
10'	585	829	1073	1317	1561	1805	2049	2293	2537	2781	3442	3951	4451	4951	5451	5951	6451	6951	7451	7951
11'	424	624	824	1024	1224	1424	1624	1824	2024	2224	2885	3394	3894	4394	4894	5394	5894	6394	6894	7394
12'	338	538	738	938	1138	1338	1538	1738	1938	2138	2799	3308	3808	4308	4808	5308	5808	6308	6808	7308
13'	266	466	666	866	1066	1266	1466	1666	1866	2066	2727	3236	3736	4236	4736	5236	5736	6236	6736	7236
14'	213	413	613	813	1013	1213	1413	1613	1813	2013	2674	3183	3683	4183	4683	5183	5683	6183	6683	7183
15'	173	373	573	773	973	1173	1373	1573	1773	1973	2634	3143	3643	4143	4643	5143	5643	6143	6643	7143
16'	143	343	543	743	943	1143	1343	1543	1743	1943	2604	3113	3613	4113	4613	5113	5613	6113	6613	7113
17'	119	319	519	719	919	1119	1319	1519	1719	1919	2580	3089	3589	4089	4589	5089	5589	6089	6589	7089
18'	100	299	499	699	899	1099	1299	1499	1699	1899	2560	3069	3569	4069	4569	5069	5569	6069	6569	7069
19'	83	283	483	683	883	1083	1283	1483	1683	1883	2544	3053	3553	4053	4553	5053	5553	6053	6553	7053
20'	73	273	473	673	873	1073	1273	1473	1673	1873	2534	3043	3543	4043	4543	5043	5543	6043	6543	7043
21'	67	267	467	667	867	1067	1267	1467	1667	1867	2524	3033	3533	4033	4533	5033	5533	6033	6533	7033
22'	60	260	460	660	860	1060	1260	1460	1660	1860	2514	3023	3523	4023	4523	5023	5523	6023	6523	7023
23'	57	257	457	657	857	1057	1257	1457	1657	1857	2504	3013	3513	4013	4513	5013	5513	6013	6513	7013
24'	49	249	449	649	849	1049	1249	1449	1649	1849	2494	3003	3503	4003	4503	5003	5503	6003	6503	7003
25'	43	243	443	643	843	1043	1243	1443	1643	1843	2484	2993	3493	3993	4493	4993	5493	5993	6493	6993
26'	37	237	437	637	837	1037	1237	1437	1637	1837	2474	2983	3483	3983	4483	4983	5483	5983	6483	6983
27'	33	233	433	633	833	1033	1233	1433	1633	1833	2464	2973	3473	3973	4473	4973	5473	5973	6473	6973
28'	29	229	429	629	829	1029	1229	1429	1629	1829	2454	2963	3463	3963	4463	4963	5463	5963	6463	6963
29'	25	225	425	625	825	1025	1225	1425	1625	1825	2444	2953	3453	3953	4453	4953	5453	5953	6453	6953
30'	22	222	422	622	822	1022	1222	1422	1622	1822	2434	2943	3443	3943	4443	4943	5443	5943	6443	6943
32'	17	217	417	617	817	1017	1217	1417	1617	1817	2424	2933	3433	3933	4433	4933	5433	5933	6433	6933

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☐	Designers name and signature on document (FBC 106.1). 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> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures 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
- e) Number of stories

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- 2

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 (FBC 106.1.1.2) 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
- g) Arc Fault Circuits (AFCI) in bedrooms
- h) Exhaust fans in bathroom

HVAC information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

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

Project Information for:		L143666					
Builder:		JERRY WOODS		Date: 12/22/2005			
Lot:		LOT 2		Start Number: 1129			
Subdivision:		N/A					
County or City:		COLUMBIA COUNTY					
Truss Page Count:		41					
Truss Design Load Information (UNO)			Design Program: MiTek 5.2 / 6.2				
Gravity		Wind		Building Code: FBC2004			
Roof (psf):	42	Wind Standard:	ASCE 7-02				
Floor (psf):	55	Wind Speed (mph):	110				
Note: See individual truss drawings for special loading conditions							
Building Designer, responsible for Structural Engineering: (See attached)							
Owner Builder							
Address: N/A		Designer: 91					
N/A							
Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987							
Company:		Structural Engineering and Inspections, Inc. EB 9196					
Address		16105 N. Florida Ave, Ste B, Lutz, FL 33549					
Notes:							
1. Truss Design Engineer is responsible for the individual trusses as components only.							
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI							
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.							
4. Trusses designed for vertical loads only, unless noted otherwise.							
#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	1222051128	12/22/2005	41	T19	1222051168	12/22/2005
2	CJ1A	1222051129	12/22/2005				
3	CJ1B	1222051130	12/22/2005				
4	CJ3	1222051131	12/22/2005				
5	CJ3A	1222051132	12/22/2005				
6	CJ5	1222051133	12/22/2005				
7	CJ5A	1222051134	12/22/2005				
8	EJ3	1222051135	12/22/2005				
9	EJ3A	1222051136	12/22/2005				
10	EJ7	1222051137	12/22/2005				
11	EJ7A	1222051138	12/22/2005				
12	EJ7B	1222051139	12/22/2005				
13	EJ7C	1222051140	12/22/2005				
14	HJ4	1222051141	12/22/2005				
15	HJ4A	1222051142	12/22/2005				
16	HJ9	1222051143	12/22/2005				
17	HJ9A	1222051144	12/22/2005				
18	T01	1222051145	12/22/2005				
19	T02	1222051146	12/22/2005				
20	T03	1222051147	12/22/2005				
21	T04	1222051148	12/22/2005				
22	T05	1222051149	12/22/2005				
23	T06	1222051150	12/22/2005				
24	T07	1222051151	12/22/2005				
25	T07A	1222051152	12/22/2005				
26	T08	1222051153	12/22/2005				
27	T09	1222051154	12/22/2005				
28	T10	1222051155	12/22/2005				
29	T10A	1222051156	12/22/2005				
30	T11	1222051157	12/22/2005				
31	T11A	1222051158	12/22/2005				
32	T12	1222051159	12/22/2005				
33	T12A	1222051160	12/22/2005				
34	T13	1222051161	12/22/2005				
35	T14	1222051162	12/22/2005				
36	T15	1222051163	12/22/2005				
37	T15A	1222051164	12/22/2005				
38	T16	1222051165	12/22/2005				
39	T17	1222051166	12/22/2005				
40	T18	1222051167	12/22/2005				

DEC 22 2005

Job L143666	Truss CJ1	Truss Type MONO TRUSS	Qty 12	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:11:05 2005 Page 1		

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.26	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.01	Vert(LL) -0.00 2 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.00 2 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 3 n/a n/a		
	Code FBC2004/TPI2002			Weight: 7 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=266/0-3-8, 4=14/Mechanical, 3=-90/Mechanical
 Max Horz 2=85(load case 5)
 Max Uplift 2=-264(load case 5), 3=-90(load case 1)
 Max Grav 2=266(load case 1), 4=14(load case 1), 3=117(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/42, 2-3=-79/79
 BOT CHORD 2-4=0/0

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) Refer to girder(s) for truss to truss connections.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 264 lb uplift at joint 2 and 90 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L143666	Truss CJ1B	Truss Type MONO TRUSS	Qty 4	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055			6,200 s Jul 13 2005 Mitek Industries, Inc. Wed Dec 21 11:11:14 2005 Page 1		

Scale = 1/2"

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.28	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.01	Vert(LL) -0.00 2 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Vert(TL) -0.00 2 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.00 3 n/a n/a		
				Weight: 7 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=266/0-3-8, 4=14/Mechanical, 3=90/Mechanical
 Max Horz 2=87(load case 5)
 Max Uplift 2=286(load case 5), 4=9(load case 3), 3=90(load case 1)
 Max Grav 2=266(load case 1), 4=14(load case 1), 3=127(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-69/75
 BOT CHORD 2-4=0/0

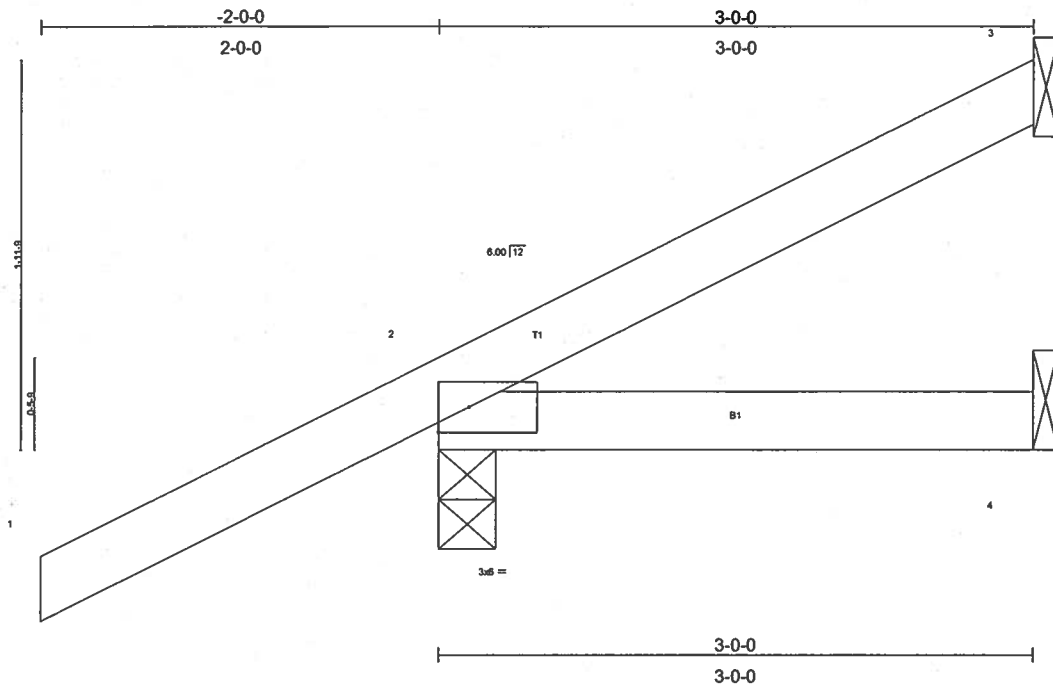
NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for 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 286 lb uplift at joint 2, 9 lb uplift at joint 4 and 90 lb uplift at joint 3.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOODS CONSTRUCTION-LOT 2
L143666	CJ3	MONO TRUSS	8	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055

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LOADING (psf)	SPACING	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.28	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.06	Vert(TL)	-0.01	2-4	>999	180		
BCCL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TP12002							Weight: 13 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
 Max Horz 2=129(load case 5)
 Max Uplift 3=-31(load case 6), 2=-198(load case 5)

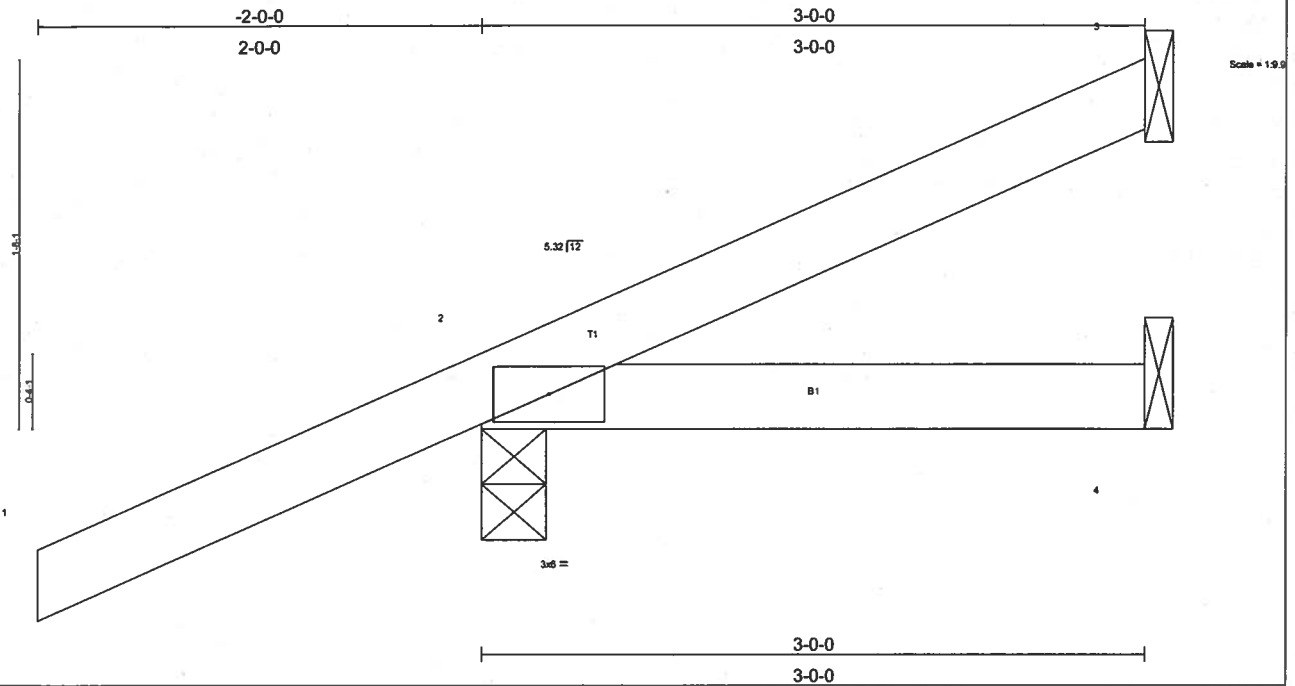
FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/43, 2-3=-60/8
 BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 3 and 198 lb uplift at joint 2.

LOAD CASE(S) Standard



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.28	Vert(LL) 0.01 2-4 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.08	Vert(TL) 0.01 2-4 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			
				Weight: 13 lb	

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

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

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
Max Horz 2=117(load case 5)
Max Uplift 3=26(load case 6), 2=240(load case 5), 4=27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-52/7
BOT CHORD 2-4=0/0

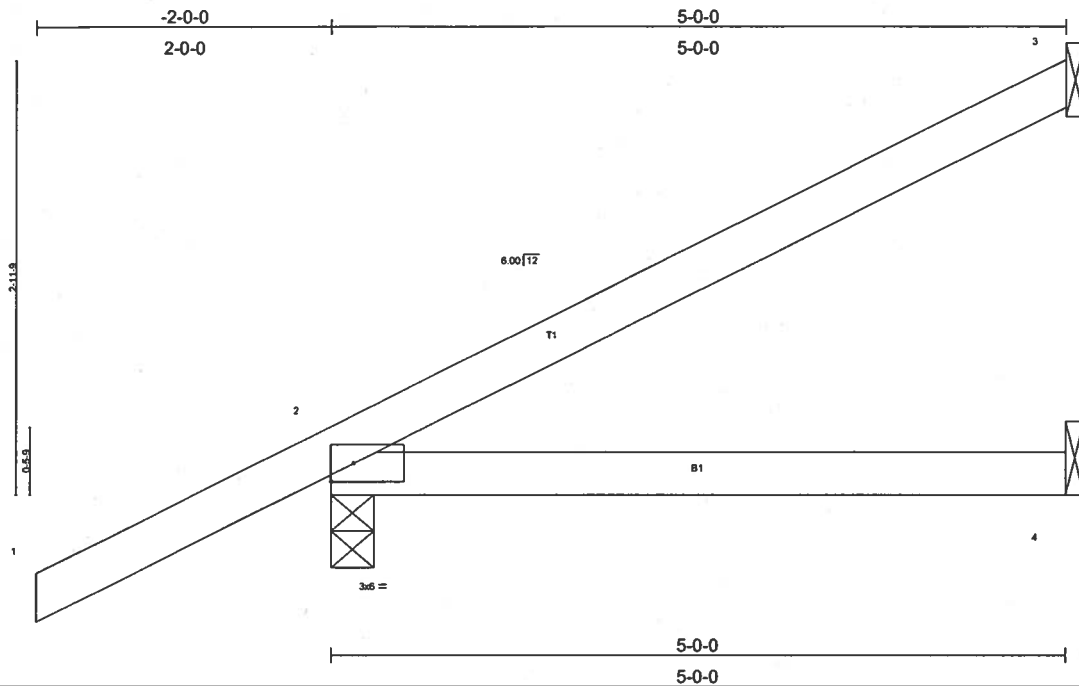
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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 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 26 lb uplift at joint 3, 240 lb uplift at joint 2 and 27 lb uplift at joint 4.

LOAD CASE(S) Standard

**DECEMBER 22, 2005 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	WOODS CONSTRUCTION-LOT 2
L143666	CJ5	MONO TRUSS	8	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:11:27 2005 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.28	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.16	Vert(TL)	-0.05	2-4	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
								Weight: 19 lb	

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

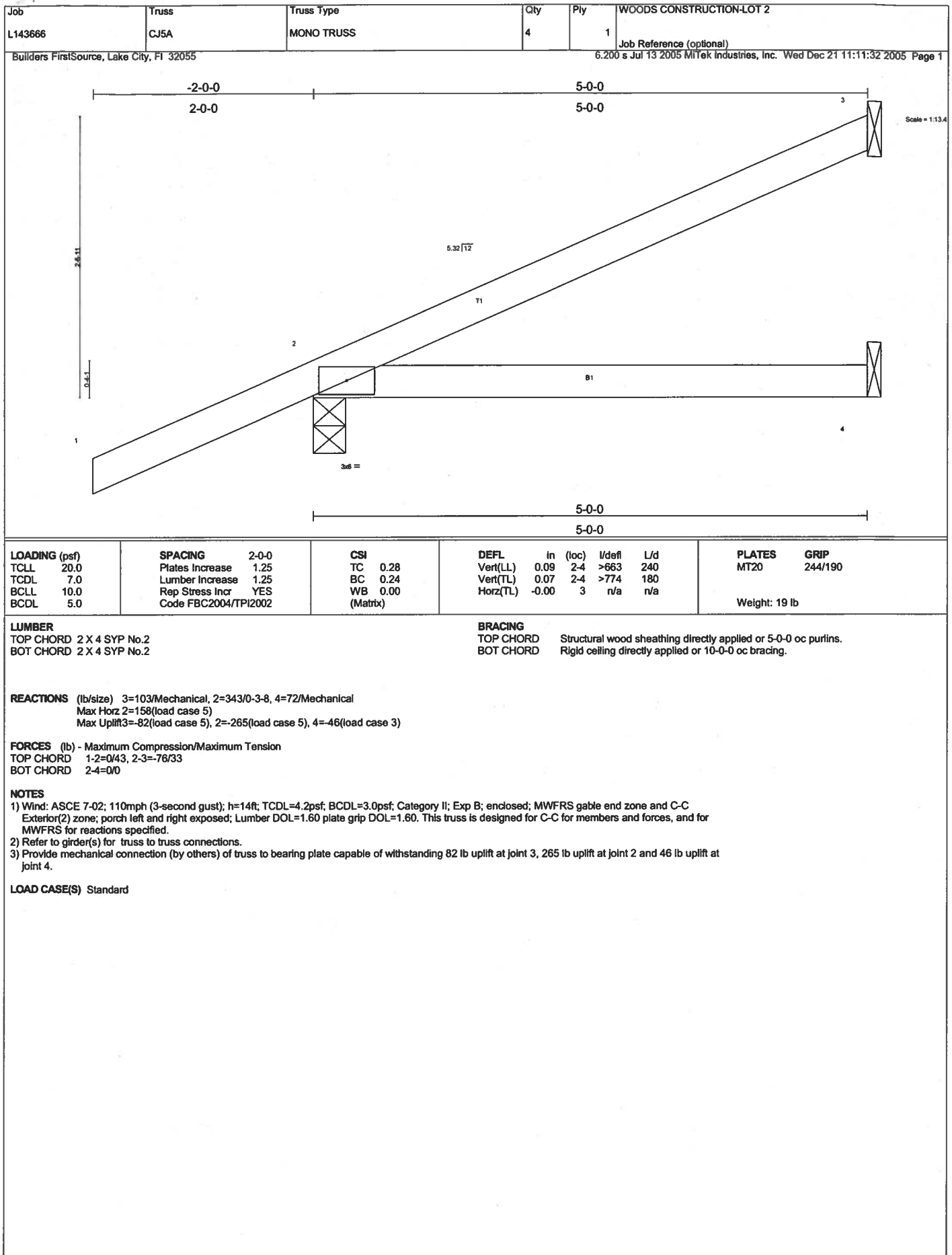
BRACING
 TOP CHORD Structural wood sheathing directly applied or 5'-0'-0" oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10'-0'-0" oc bracing.

REACTIONS (lb/size) 3=103/Mechanical, 2=343/0-3-8, 4=72/Mechanical
 Max Horz 2=176(load case 5)
 Max Uplift 3=-92(load case 5), 2=-195(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/43, 2-3=-94/37
 BOT CHORD 2-4=0/0

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) Refer to girder(s) for truss to truss connections.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 92 lb uplift at joint 3 and 195 lb uplift at joint 2.

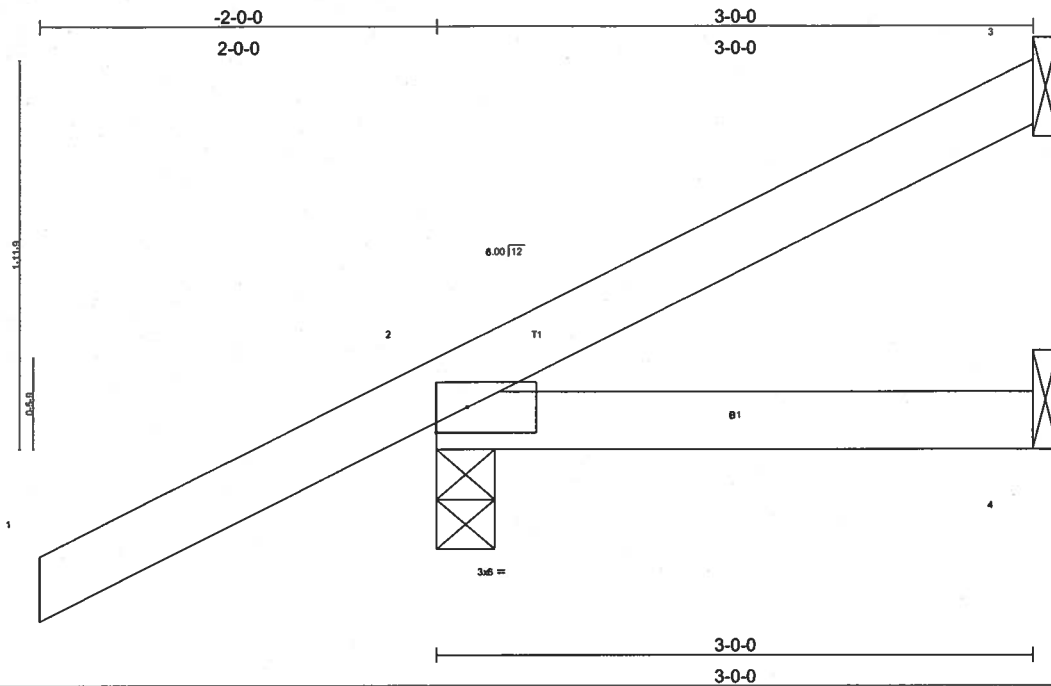
LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	WOODS CONSTRUCTION-LOT 2
L143666	EJ3	MONO TRUSS	6	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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Scale = 1:11.1

LOADING (psf)	SPACING		CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	2-0-0 1.25	TC 0.28	Vert(LL)	-0.00	2-4 >999	240	MT20	244/190
TCOL 7.0	Lumber Increase	1.25	BC 0.06	Vert(TL)	-0.01	2-4 >999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	3 n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)					Weight: 13 lb	

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

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

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
Max Horz 2=129(load case 5)
Max Uplift 3=-31(load case 6), 2=-198(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-60/8
BOT CHORD 2-4=0/0

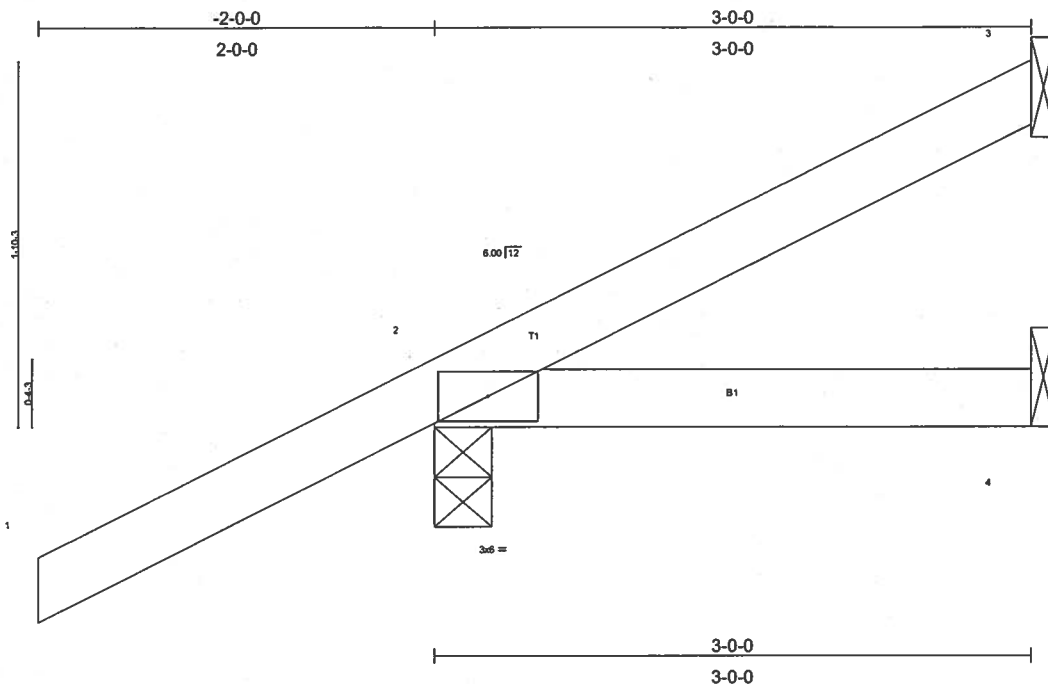
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDD=4.2psf; BCDD=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 3 and 198 lb uplift at joint 2.

LOAD CASE(S) Standard

**DECEMBER 22, 2005 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	WOODS CONSTRUCTION-LOT 2
L143666	EJ3A	MONO TRUSS	3	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055					6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:11:41 2005 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.08	Vert(TL)	0.01	2-4	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 13 lb	

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

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

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
 Max Horz 2=132(load case 5)
 Max Uplift 3=-28(load case 6), 2=-238(load case 5), 4=-27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-57/7
 BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L143666	Truss EJ7	Truss Type MONO TRUSS	Qty 30	Ply 1	WOODS CONSTRUCTION-LOT 2
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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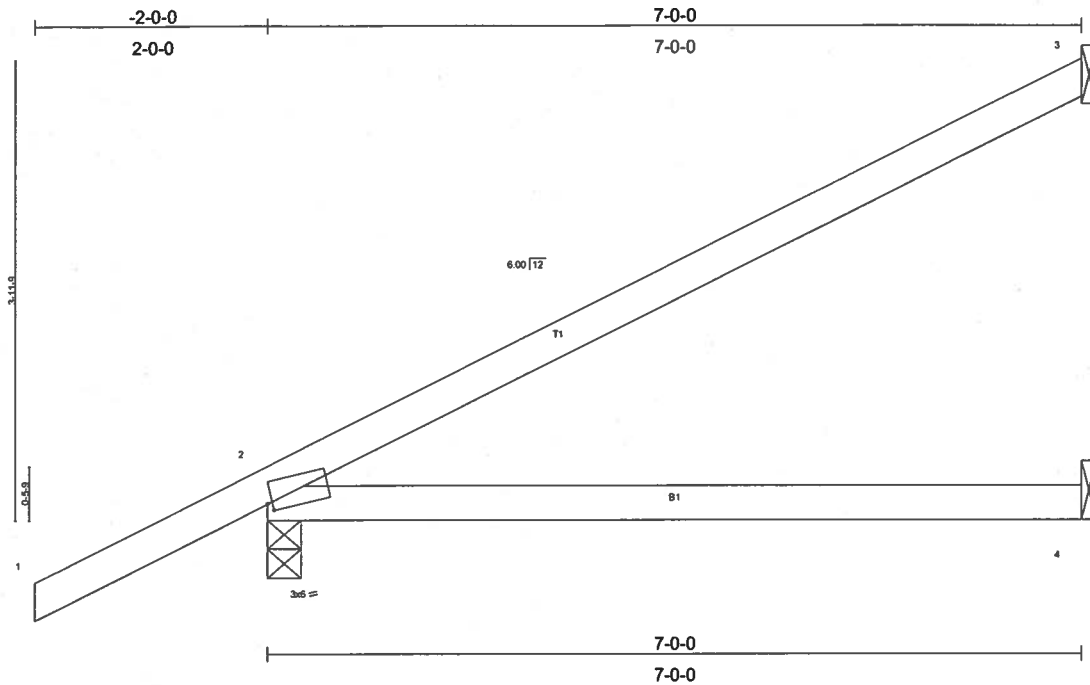


Plate Offsets (X,Y): (2-0-0,0-0-12)

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.48	Vert(LL)	-0.12	2-4	>662	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.35	Vert(TL)	-0.21	2-4	>396	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 26 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=162/Mechanical, 2=419/0-3-8, 4=105/Mechanical
Max Horz 2=222(load case 5)
Max Uplift 3=-137(load case 5), 2=-206(load case 5)

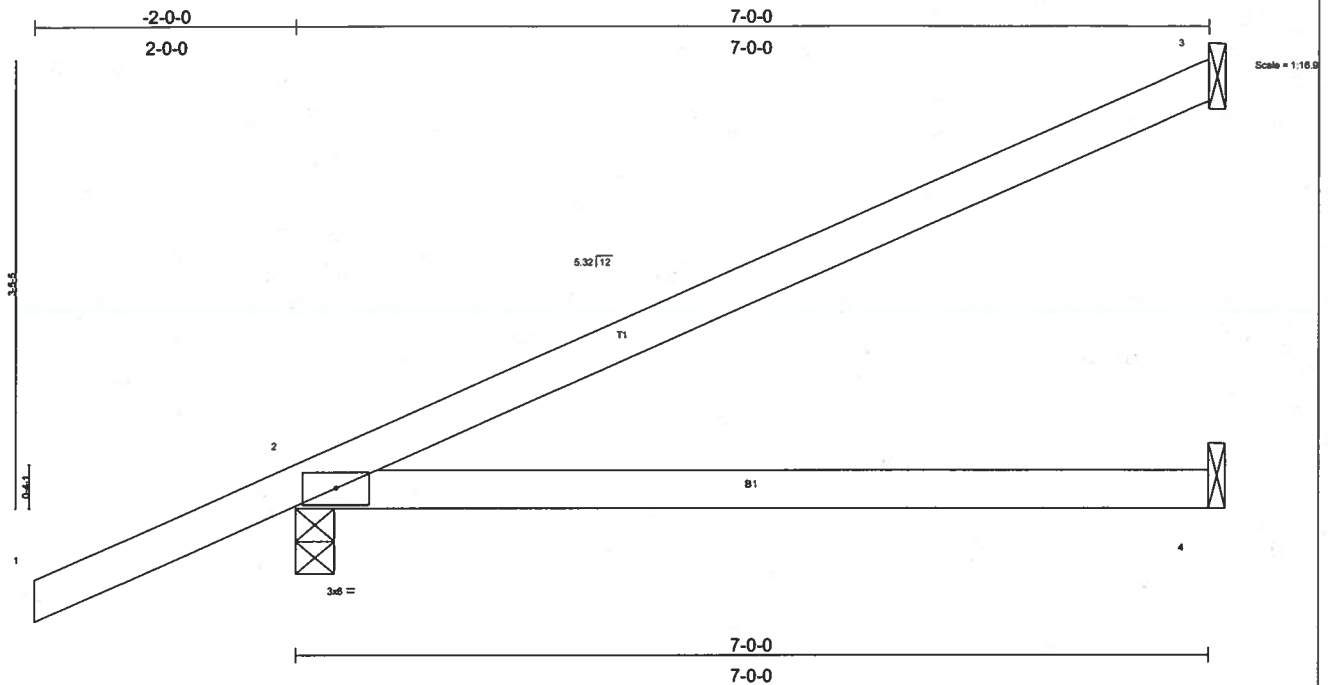
FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/43, 2-3=-124/59
BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint 3 and 206 lb uplift at joint 2.

LOAD CASE(S) Standard



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl l/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.48	Vert(LL) 0.32 2-4 >255 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.45	Vert(TL) 0.27 2-4 >301 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			
				Weight: 25 lb	

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

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=163/Mechanical, 2=419/0-3-8, 4=104/Mechanical
Max Horz 2=198(load case 5)
Max Uplift 3=137(load case 5), 2=303(load case 5), 4=67(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-114/53
BOT CHORD 2-4=0/0

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDF=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 137 lb uplift at joint 3, 303 lb uplift at joint 2 and 67 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOODS CONSTRUCTION-LOT 2
L143666	EJ7B	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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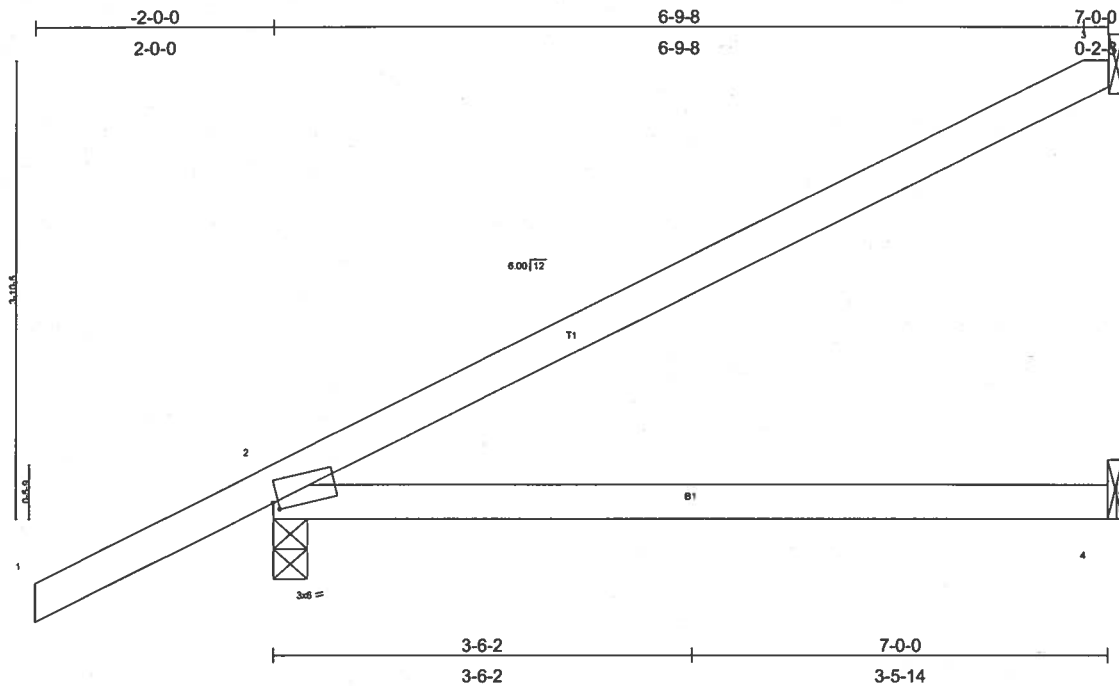


Plate Offsets (X,Y): [2:0-0-8,0-0-12]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.48	Vert(LL)	-0.12	2-4	>662	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.35	Vert(TL)	-0.21	2-4	>396	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 26 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=162/Mechanical, 2=419/0-3-8, 4=105/Mechanical

Max Horz 2=222(load case 5)

Max Uplift 3=-137(load case 5), 2=-206(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

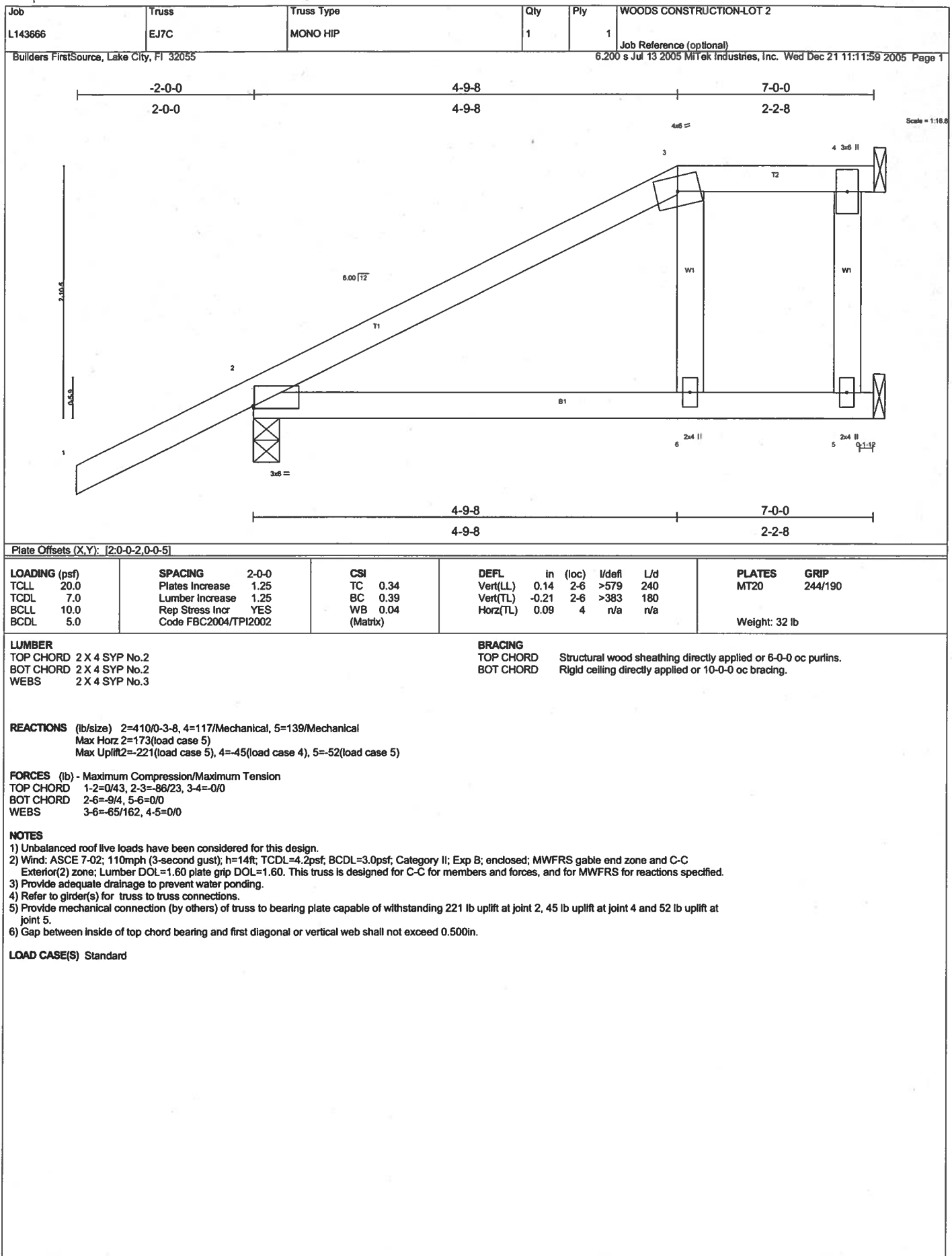
TOP CHORD 1-2=0/43, 2-3=-124/59

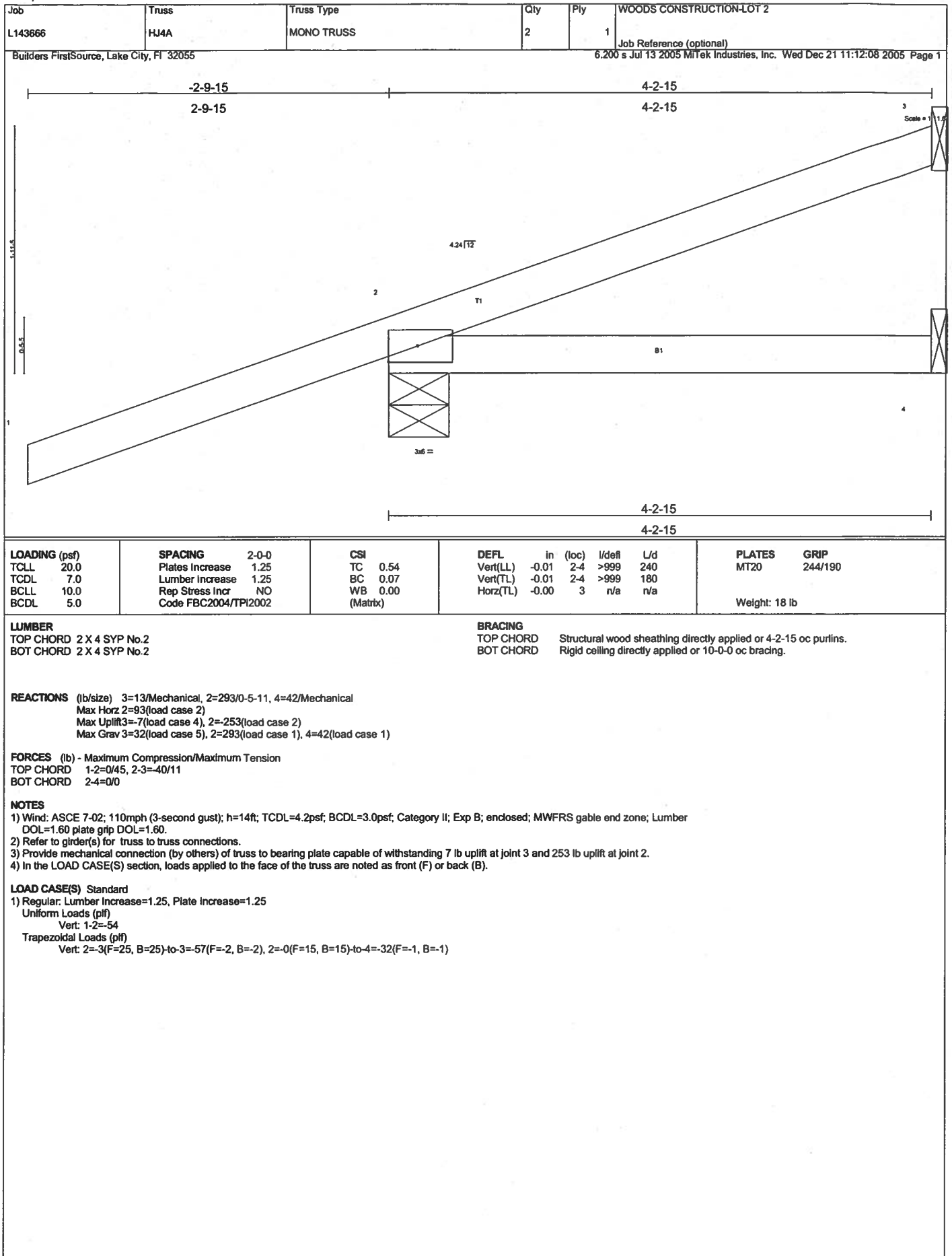
BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint 3 and 206 lb uplift at joint 2.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	WOODS CONSTRUCTION-LOT 2
L143666	HJ9	MONO TRUSS	4	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Wed Dec 21 11:12:13 2005 Page 1		

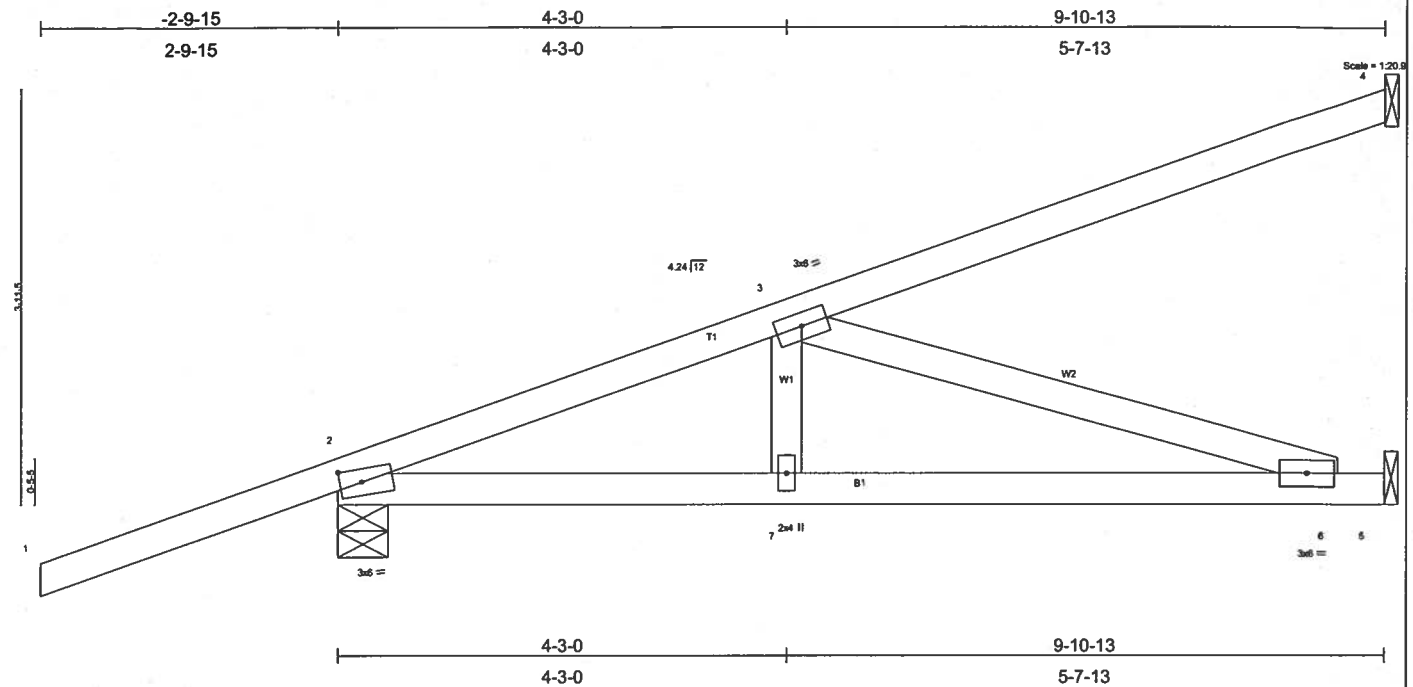


Plate Offsets (X,Y): (2-0-2-8,0-1-8)					
LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.61	Vert(LL) -0.11 6-7 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.60	Vert(TL) -0.18 6-7 >635 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.44	Horz(TL) 0.01 5 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 45 lb

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

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

REACTIONS (lb/size) 4=270/Mechanical, 2=535/0-5-11, 5=374/Mechanical
 Max Horz 2=264(load case 2)
 Max Uplift 4=-231(load case 2), 2=-278(load case 2), 5=-66(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-833/109, 3-4=-105/66
 BOT CHORD 2-7=-299/762, 6-7=-299/762, 5-6=0/0
 WEBS 3-7=0/190, 3-6=-799/314

NOTES

- 1) Wind: ASCE 7-02: 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 231 lb uplift at joint 4, 278 lb uplift at joint 2 and 66 lb uplift at joint 5.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54
 Trapezoidal Loads (plf)
 Vert: 2=-3(F=25, B=25)-to-4=-134(F=40, B=40), 2=-0(F=15, B=15)-to-5=-74(F=22, B=22)

Job	Truss	Truss Type	Qty	Ply	WOODS CONSTRUCTION-LOT 2
L143666	HJ9A	MONO TRUSS	2	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Wed Dec 21 11:12:17 2005 Page 1		

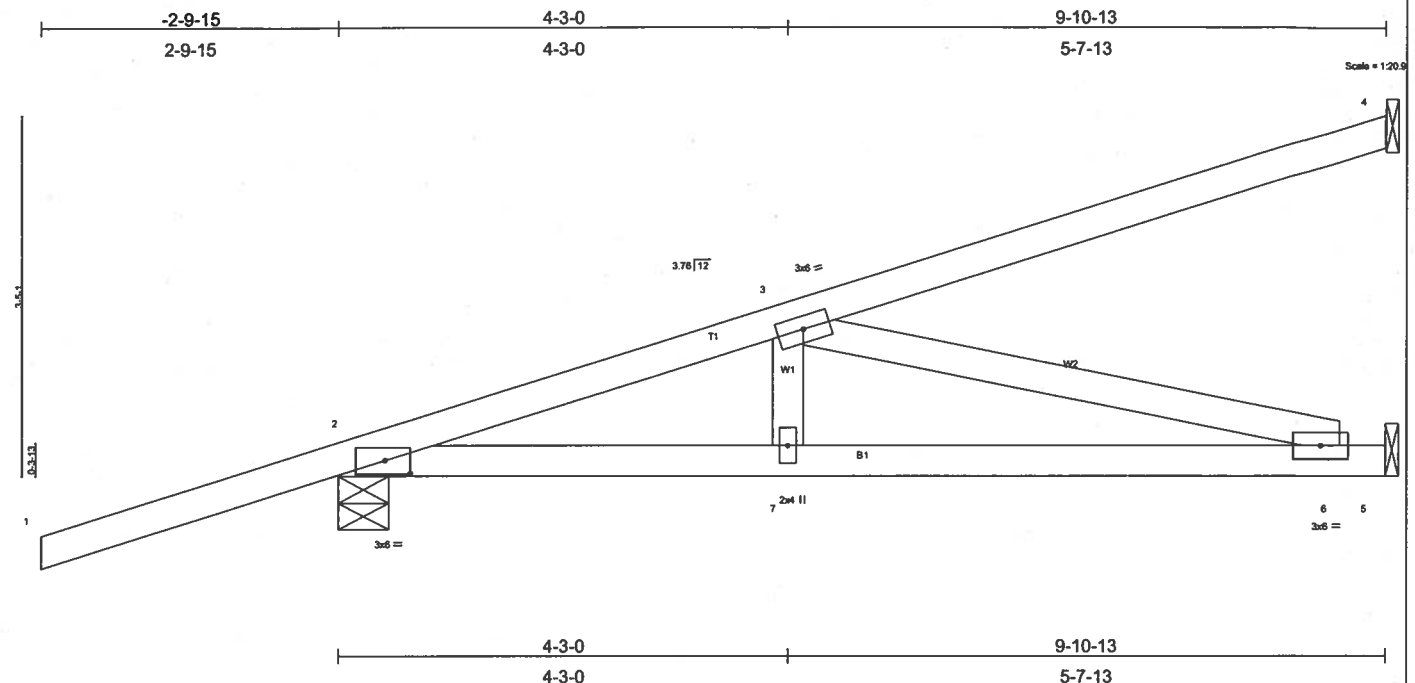


Plate Offsets (X,Y): [2-0-2-12,0-1-8]					
LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl
TCLL 20.0	Plates Increase 1.25	TC 0.62	Vert(LL) -0.11	6-7	>999
TCDL 7.0	Lumber Increase 1.25	BC 0.63	Vert(TL) -0.19	6-7	>599
BCLL 10.0	Rep Stress Incr NO	WB 0.48	Horz(TL) 0.01	5	n/a
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			
			Weight: 44 lb		

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-10-10 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-8-7 oc bracing.

REACTIONS (lb/size) 4=271/Mechanical, 2=535/0-5-11, 5=373/Mechanical
 Max Horz 2=238(load case 2)
 Max Uplift 4=-224(load case 2), 2=-413(load case 2), 5=-176(load case 2)

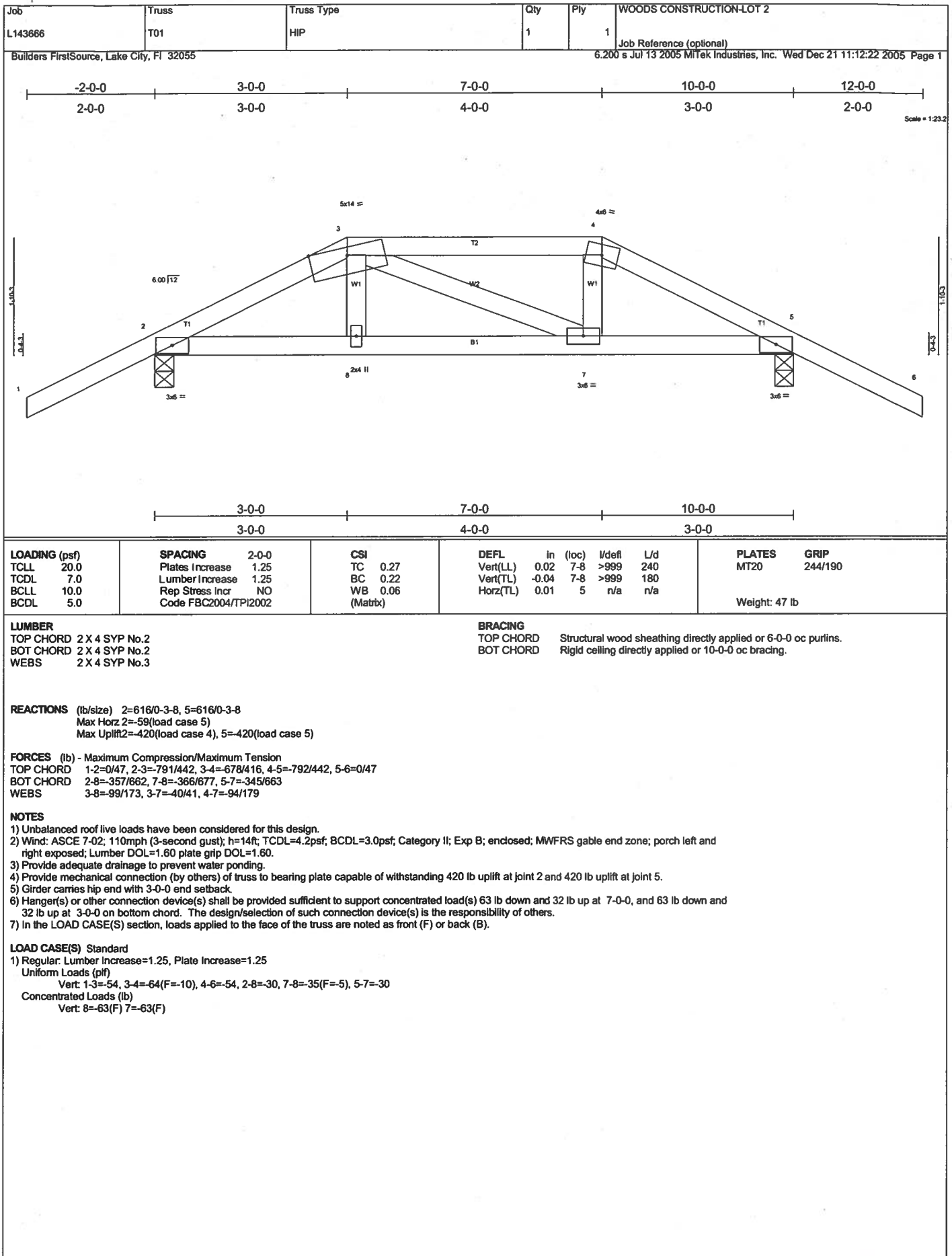
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/45, 2-3=-971/430, 3-4=-92/59
 BOT CHORD 2-7=-579/912, 6-7=-579/912, 5-6=0/0
 WEBS 3-7=-93/186, 3-6=-942/598

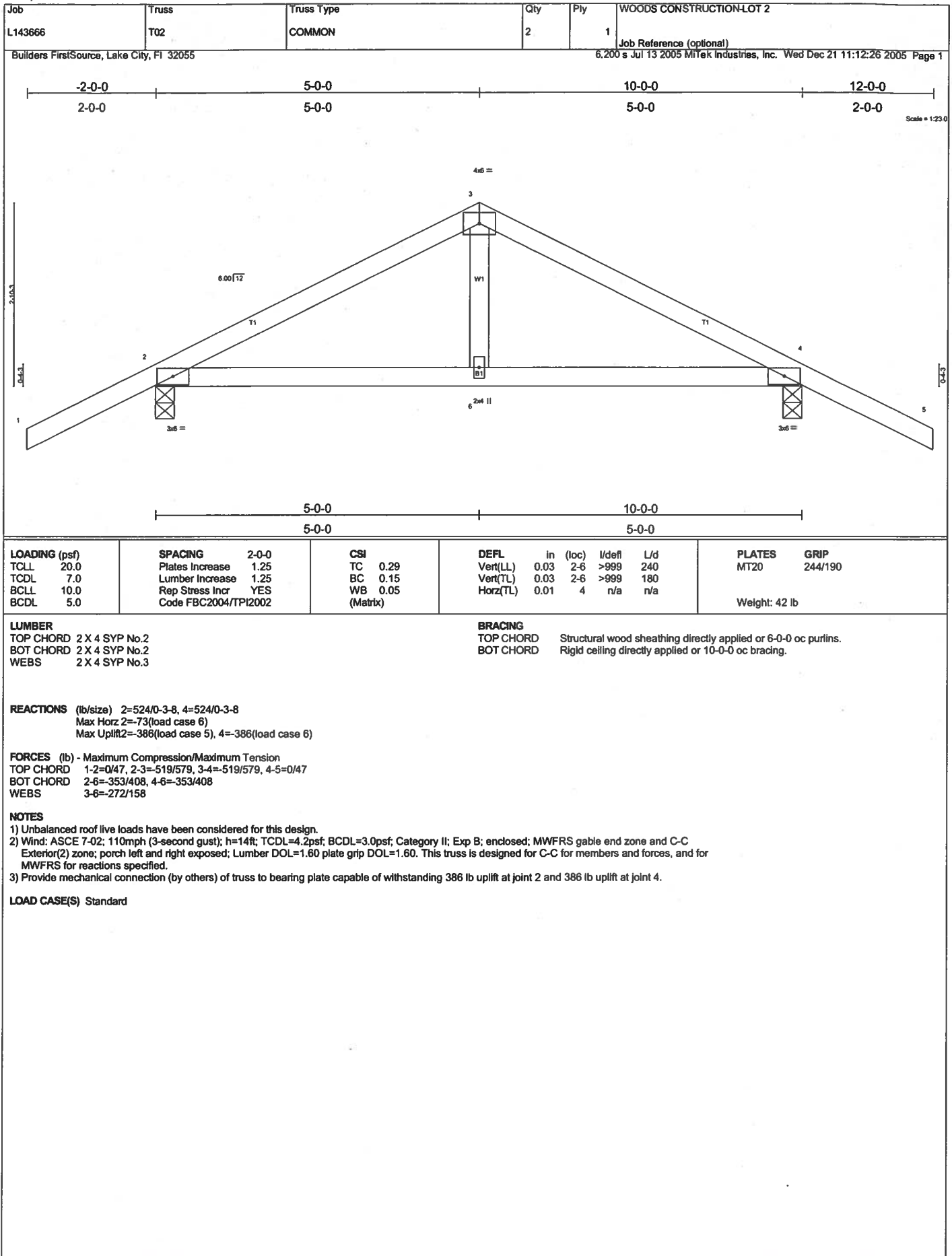
NOTES

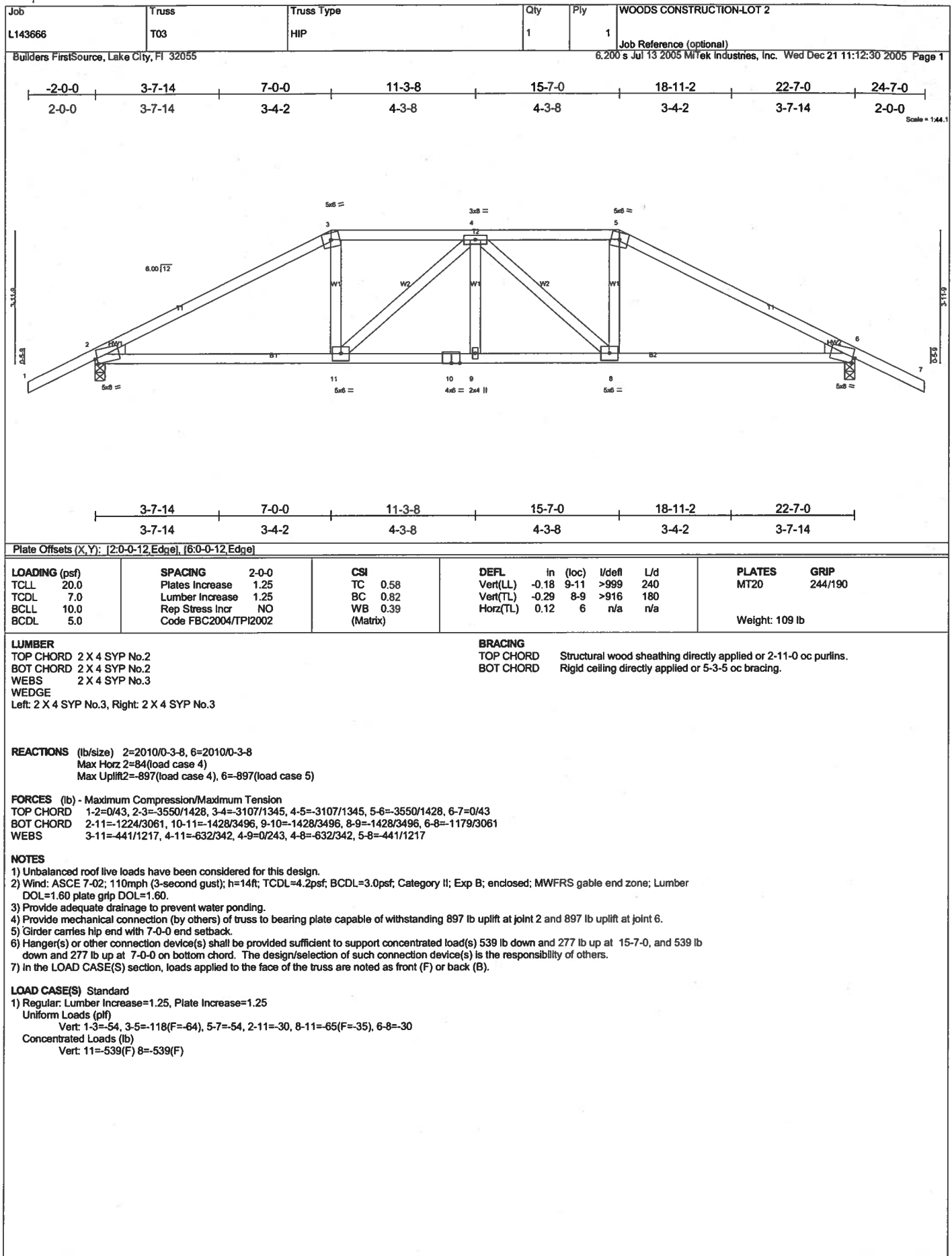
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 224 lb uplift at joint 4, 413 lb uplift at joint 2 and 176 lb uplift at joint 5.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54
 Trapezoidal Loads (plf)
 Vert: 2=-3(F=25, B=25)-to-4=-134(F=40, B=40), 2=0(F=15, B=15)-to-5=-74(F=-22, B=-22)







Job L143666	Truss T04	Truss Type HIP	Qty 1	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Wed Dec 21 11:12:35 2005 Page 1

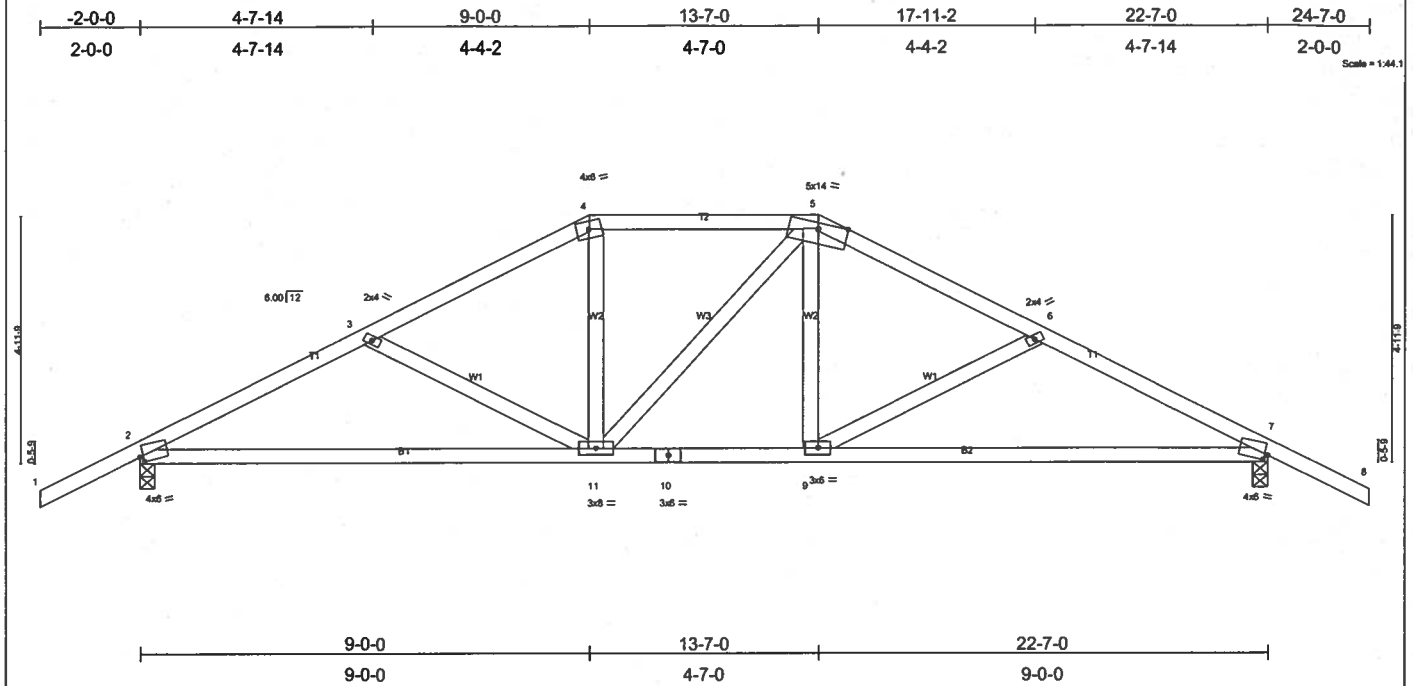


Plate Offsets (X,Y): [2:0-0-12,0-1-4], [7:0-0-12,0-1-4]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.28	Vert(LL) -0.17	7-9	>999	240		MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.45	Vert(TL) -0.30	7-9	>903	180			
BCLL 10.0	Rep Stress Incr YES	WB 0.11	Horz(TL) 0.05	7	n/a	n/a			
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							Weight: 114 lb

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-10-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-8-5 oc bracing.

REACTIONS (lb/size) 2=1052/0-3-8, 7=1052/0-3-8
Max Horz 2=98(load case 5)
Max Uplift 2=-415(load case 5), 7=-415(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-1505/640, 3-4=-1272/538, 4-5=-1097/535, 5-6=-1271/538, 6-7=-1505/640, 7-8=0/43
BOT CHORD 2-11=-410/1291, 10-11=-229/1096, 9-10=-229/1096, 7-9=-410/1291
WEBS 3-11=-234/206, 4-11=-52/302, 5-11=-102/104, 5-9=-49/303, 6-9=-235/206

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 415 lb uplift at joint 2 and 415 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L143666	Truss T05	Truss Type HIP	Qty 1	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6,200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:12:39 2005 Page 1

-2-0-0	5-7-14	11-0-0	11-7-0	16-11-2	22-7-0	24-7-0
2-0-0	5-7-14	5-4-2	0-7-0	5-4-2	5-7-14	2-0-0

Scale = 1/43.6

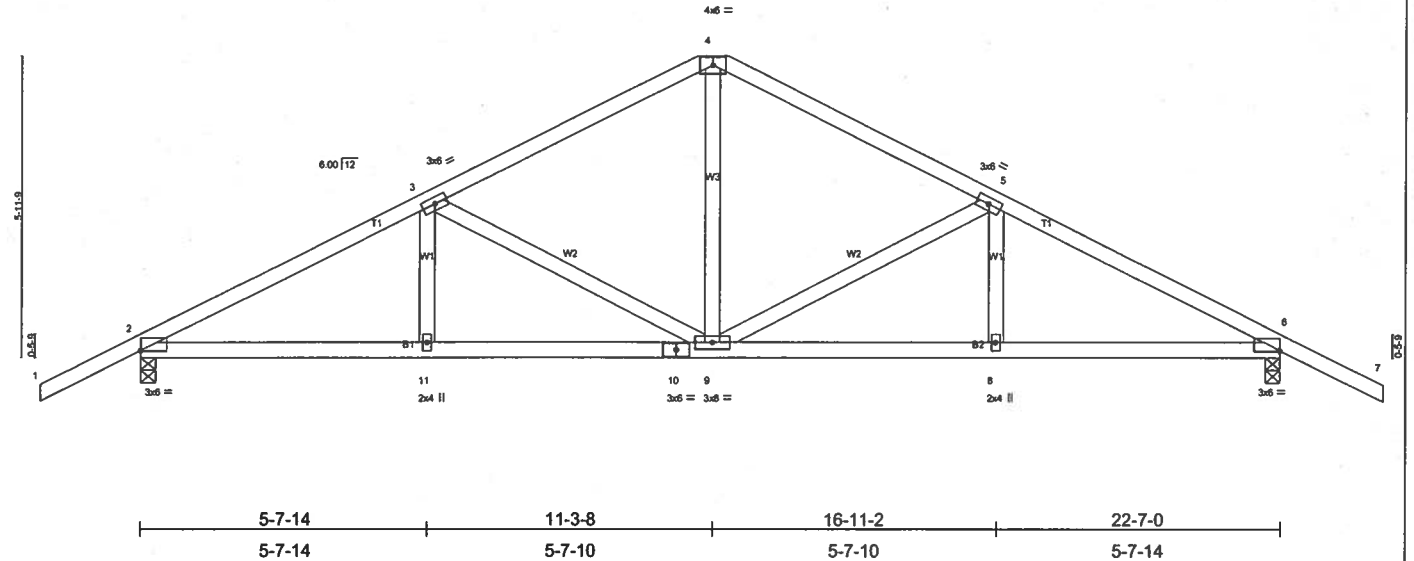


Plate Offsets (X,Y): [2:0-0-2,0-0-1], [6:0-0-2,0-0-1]						
LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl
TCLL 20.0	Plates Increase 1.25	TC 0.28	Vert(LL) -0.08	9-11	>999	240
TCDL 7.0	Lumber Increase 1.25	BC 0.33	Vert(TL) -0.12	9-11	>999	180
BCLL 10.0	Rep Stress Incr YES	WB 0.35	Horz(TL) 0.05	6	n/a	n/a
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)				
						Weight: 112 lb

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

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

REACTIONS (lb/size) 2=1052/0-3-8, 6=1052/0-3-8
 Max Horz 2=-114(load case 6)
 Max Uplift 2=-429(load case 5), 6=-429(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/43, 2-3=-1578/621, 3-4=-1093/521, 4-5=-1093/521, 5-6=-1578/621, 6-7=0/43
 BOT CHORD 2-11=-388/1328, 10-11=-388/1328, 9-10=-388/1328, 8-9=-388/1328, 6-8=-388/1328
 WEBS 3-11=0/175, 3-9=-491/251, 4-9=-210/607, 5-9=-491/251, 5-8=0/175

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 429 lb uplift at joint 2 and 429 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L143686	Truss T06	Truss Type COMMON	Qty 7	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
6.200 s Jul 13 2005 Mitek Industries, Inc. Wed Dec 21 11:12:44 2005 Page 1					

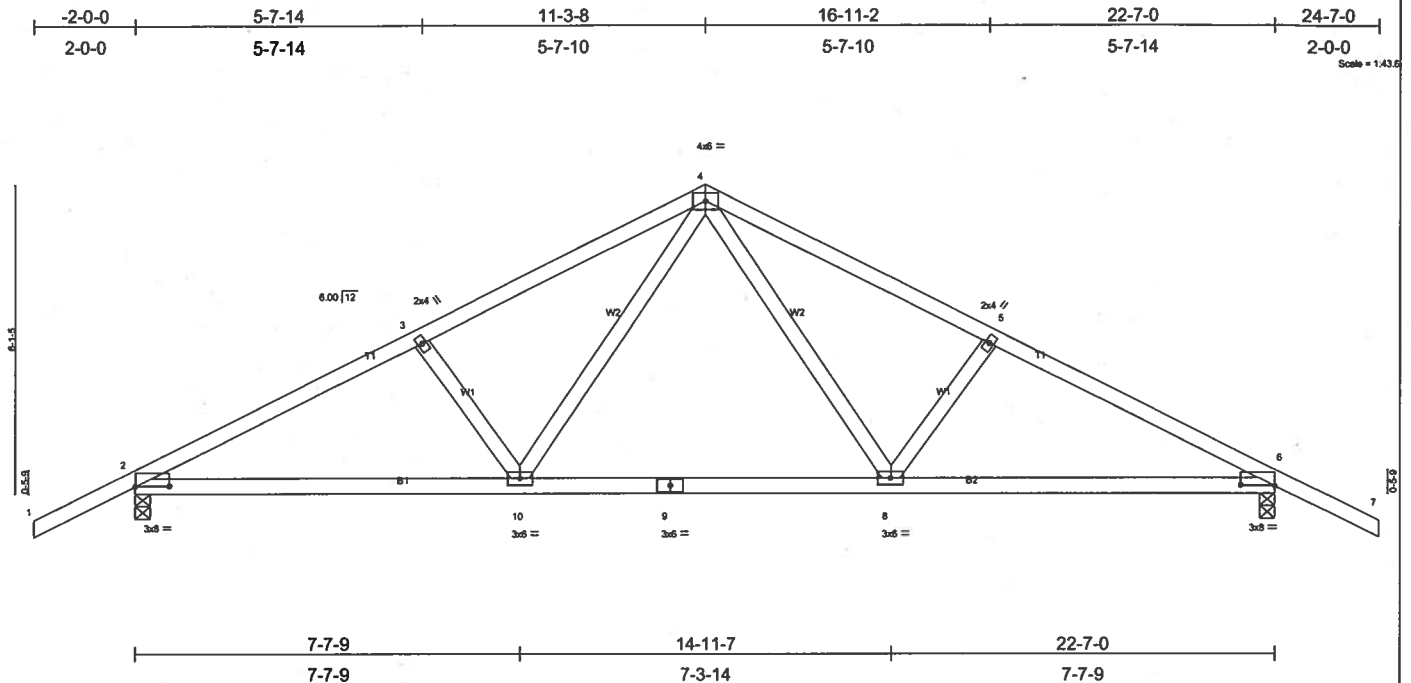


Plate Offsets (X,Y): [2-0-8-2-0-0-3], [6-0-8-2-0-0-3]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.35	Vert(LL)	-0.24	8-10	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.89	Vert(TL)	-0.39	8-10	>679	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.24	Horz(TL)	0.05	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
									Weight: 108 lb

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-10 oc bracing.

REACTIONS (lb/size) 2=1235/0-3-8, 6=1235/0-3-8
Max Horz 2=-114(load case 6)
Max Uplift 2=-498(load case 5), 6=-498(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-1955/819, 3-4=-1788/810, 4-5=-1788/810, 5-6=-1955/819, 6-7=0/43
BOT CHORD 2-10=-560/1661, 9-10=-283/1155, 8-9=-283/1155, 6-8=-560/1661
WEBS 3-10=-233/231, 4-10=-270/742, 4-8=-270/742, 5-8=-233/231

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 498 lb uplift at joint 2 and 498 lb uplift at joint 6.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 2-10=-30, 8-10=-80(F=-50), 6-8=-30

Job L143666	Truss T07	Truss Type HIP	Qty 1	Ply 1	WOODS CONSTRUCTION-LOT 2 Job Reference (optional)
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Builders FirstSource, Lake City, FL 32055

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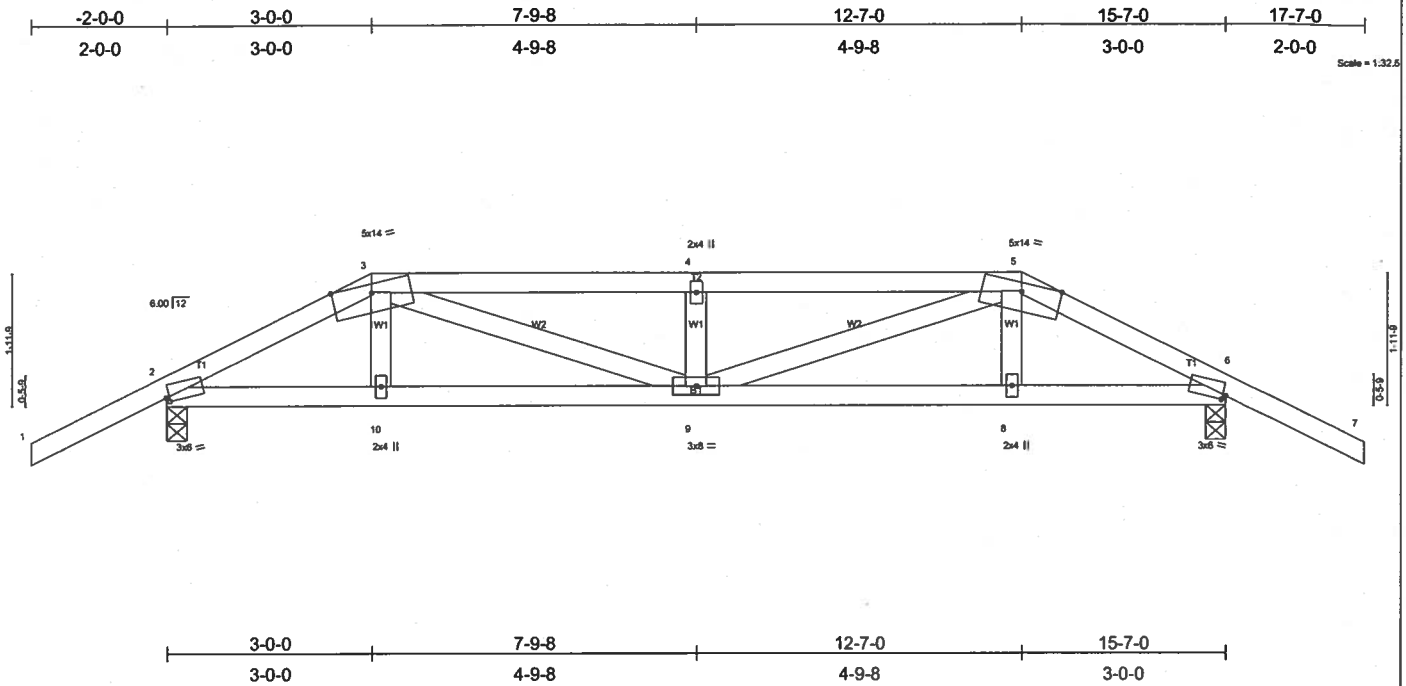


Plate Offsets (X,Y): [2-0-0-8,0-0-12], [6-0-0-8,0-0-12]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.27	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.31	Vert(LL) -0.08 8-9 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.24	Vert(TL) -0.13 9-10 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.03 6 n/a n/a		
	Code FBC2004/TPI2002			Weight: 74 lb	

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

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

REACTIONS (lb/size) 2=892/0-3-8, 6=892/0-3-8
 Max Horz 2=-56(load case 5)
 Max Uplift 2=-367(load case 4), 6=-367(load case 5)

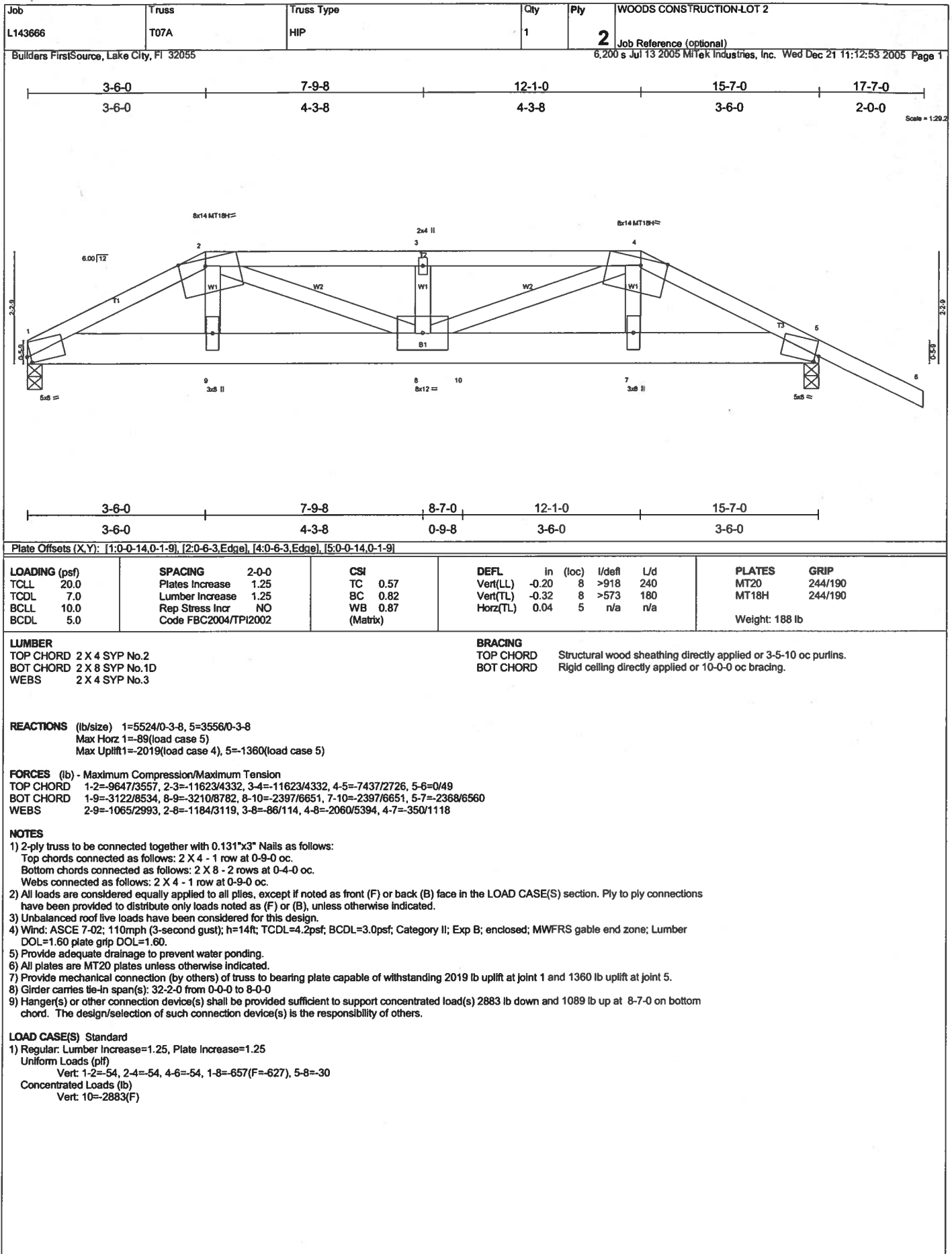
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/43, 2-3=-1322/468, 3-4=-1823/694, 4-5=-1823/694, 5-6=-1322/468, 6-7=0/43
 BOT CHORD 2-10=-379/1111, 9-10=-379/1127, 8-9=-364/1127, 6-8=-364/1111
 WEBS 3-10=-2/189, 3-9=-331/749, 4-9=-314/237, 5-9=-331/749, 5-8=-2/189

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 367 lb uplift at joint 2 and 367 lb uplift at joint 6.
- Girder carries hip end with 3-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 63 lb down and 32 lb up at 12-7-0, and 63 lb down and 32 lb up at 3-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 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: 1-3=-54, 3-5=-64(F=-10), 5-7=-54, 2-10=-30, 8-10=-35(F=-5), 6-8=-30
 Concentrated Loads (lb)
 Vert: 10=-63(F) 8=-63(F)



Job L143666	Truss T08	Truss Type HIP	Qty 1	Ply 2	WOODS CONSTRUCTION-LOT 2 Job Reference (optional)
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Builders FirstSource, Lake City, FL 32055 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:12:57 2005 Page 1

-2-0-0 | 7-0-0 | 11-7-14 | 16-1-15 | 20-8-1 | 25-2-2 | 29-10-0 | 36-10-0 | 38-10-0
 2-0-0 | 7-0-0 | 4-7-14 | 4-6-2 | 4-6-2 | 4-6-2 | 4-7-14 | 7-0-0 | 2-0-0

Scale = 1:57.7

Plate Offsets (X,Y): [2:0-2-1,Edge], [7:0-3-0,Edge], [10:0-2-1,Edge], [14:0-5-14,0-3-5], [16:0-5-10,0-3-5]					
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
TCDL 7.0	Lumber Increase 1.25	BC 1.00	Vert(LL) 0.58 14-15 >759 240	MT20H	187/143
BCLL 10.0	Rep Stress Incr NO	WB 0.48	Vert(TL) -0.92 14-15 >478 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.24 10 n/a n/a		
			Weight: 364 lb		

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-11-14 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 5-10-0 oc bracing.

REACTIONS (lb/size) 2=3313/0-3-8, 10=3313/0-3-8
 Max Horiz 2=77(load case 4)
 Max Uplift 2=1801(load case 4), 10=1801(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/43, 2-3=7102/3872, 3-4=8836/4952, 4-5=8835/4952, 5-6=10013/5622, 6-7=10013/5622, 7-8=10013/5622, 8-9=6505/3622, 9-10=7103/3872, 10-11=0/43
 BOT CHORD 2-17=-3439/6391, 16-17=-3456/6428, 15-16=-5503/10014, 14-15=-5503/10014, 13-14=-4839/8834, 12-13=-4839/8834, 10-12=-3448/6391
 WEBS 3-17=-376/809, 3-16=-1686/3004, 4-16=-550/427, 5-16=-1464/829, 5-15=-58/293, 5-14=-45/44, 6-14=-530/414, 8-14=-825/1464, 8-13=-43/291, 8-12=-2940/1653, 9-12=-1310/2482

NOTES
 1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 3) Unbalanced roof live loads have been considered for this design.
 4) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 5) Provide adequate drainage to prevent water ponding.
 6) All plates are MT20 plates unless otherwise indicated.
 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1801 lb uplift at joint 2 and 1801 lb uplift at joint 10.
 8) Girder carries hip end with 7-0-0 end setback.
 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 262 lb up at 29-10-0, and 539 lb down and 262 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert 1-3=-54, 3-9=-118(F=-64), 9-11=-54, 2-17=-30, 12-17=-65(F=-35), 10-12=-30
 Concentrated Loads (lb)
 Vert 17=-539(F) 12=-539(F)

Job L143666	Truss T09	Truss Type HIP	Qty 1	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mittek Industries, Inc. Wed Dec 21 11:13:02 2005 Page 1		

-2-0-0	4-9-11	9-0-0	15-3-15	21-6-1	27-10-0	32-0-5	36-10-0	38-10-0
2-0-0	4-9-11	4-2-5	6-3-15	6-2-3	6-3-15	4-2-5	4-9-11	2-0-0

Scale = 1/8" = 1'-0"

9-0-0	15-3-15	21-6-1	27-10-0	36-10-0
9-0-0	6-3-15	6-2-3	6-3-15	9-0-0

Plate Offsets (X,Y): [2:0-2-1,Edge], [5:0-4-0,0-3-0], [9:0-2-1,Edge], [12:0-4-14,0-3-2], [14:0-5-2,0-3-1]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.53	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.88	Vert(LL) 0.57 12-13 >772 240	MT20H	187/143
BCLL 10.0	Rep Stress Incr YES	WB 0.97	Vert(TL) -0.61 12-13 >724 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.18 9 n/a n/a		
				Weight: 186 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-2-3 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 3-6-5 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=1651/0-3-8, 9=1651/0-3-8
 Max Horiz 2=-90(load case 6)
 Max Uplift 2=-1011(load case 5), 9=-1011(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/43, 2-3=3109/2735, 3-4=-2884/2611, 4-5=-2600/2433, 5-6=-3398/3133, 6-7=-3399/3133, 7-8=-2876/2602, 8-9=-3107/2733, 9-10=0/43
 BOT CHORD 2-14=-2354/2786, 13-14=-2861/3400, 12-13=-2861/3399, 11-12=-2164/2604, 9-11=-2353/2785
 WEBS 3-14=-210/217, 4-14=-829/845, 5-14=-1034/833, 5-13=-209/174, 5-12=-73/70, 6-12=-345/239, 7-12=-824/1028, 7-11=-383/338, 8-11=-216/223

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide adequate drainage to prevent water ponding.
 4) All plates are MT20 plates unless otherwise indicated.
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1011 lb uplift at joint 2 and 1011 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L143666	Truss T10	Truss Type MONO HIP	Qty 1	Ply 1	WOODS CONSTRUCTION-LOT 2 Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Wed Dec 21 11:13:08 2005 Page 1		

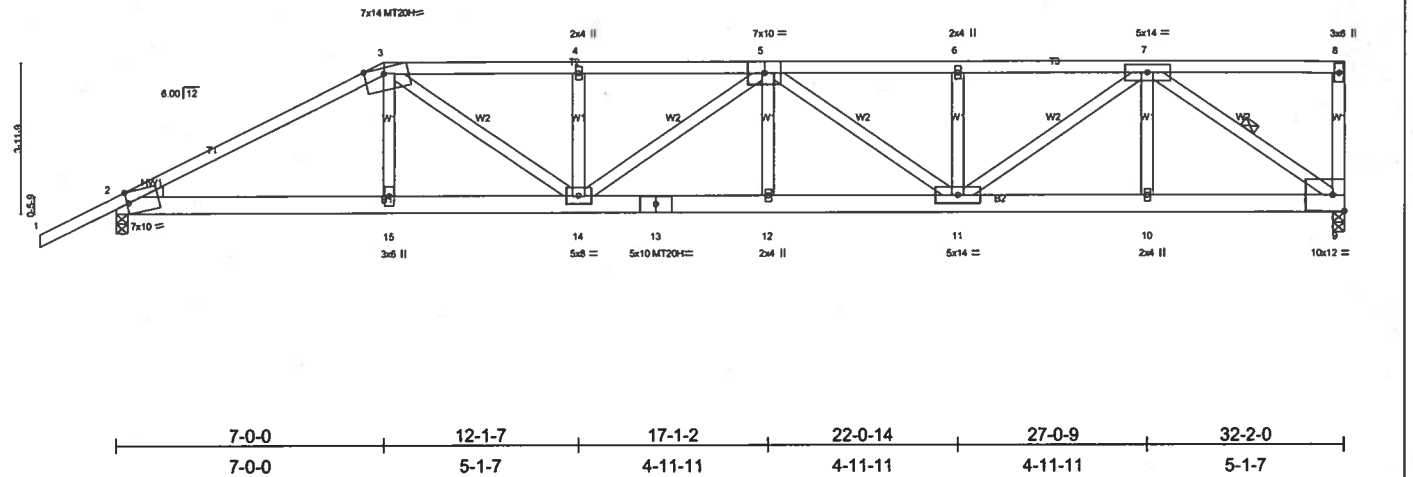
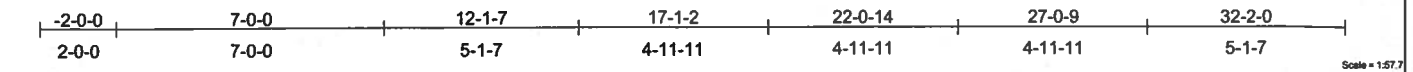


Plate Offsets (X,Y): [2:0-0-9,Edge], [3:0-6-3,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl
TCLL 20.0	Plates Increase 1.25	TC 0.84	Vert(LL)	-0.44 12-14	>877 240
TCDL 7.0	Lumber Increase 1.25	BC 0.82	Vert(TL)	-0.70 12-14	>547 180
BCLL 10.0	Rep Stress Incr NO	WB 0.95	Horz(TL)	0.15 9	n/a n/a
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			
					Weight: 199 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-11-4 oc purlins, except end verticals.
BOT CHORD 2 X 6 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 4-11-3 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 7-9
WEDGE	
Left: 2 X 4 SYP No.3	

REACTIONS (lb/size) 9=2955/0-3-8, 2=2846/0-3-8
 Max Horiz 2=226(load case 4)
 Max Uplift 9=1284(load case 3), 2=1160(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/46, 2-3=5407/2229, 3-4=6349/2747, 4-5=6349/2748, 5-6=5728/2486, 6-7=5728/2486, 7-8=95/53, 8-9=281/215
 BOT CHORD 2-15=-2020/4722, 14-15=-2028/4756, 13-14=-2908/6701, 12-13=-2908/6701, 11-12=-2907/6711, 10-11=-1543/3556, 9-10=-1543/3556
 WEBS 3-15=-215/839, 3-14=-935/1943, 4-14=-566/482, 5-14=-438/215, 5-12=0/359, 5-11=-1204/516, 6-11=-578/460, 7-11=-1162/2678, 7-10=0/326, 7-9=-4267/1836

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
 - 2) Provide adequate drainage to prevent water ponding.
 - 3) All plates are MT20 plates unless otherwise indicated.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1284 lb uplift at joint 9 and 1160 lb uplift at joint 2.
 - 5) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
 - 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 262 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-8=-118(F=-64), 2-15=-30, 9-15=-65(F=-35)

Concentrated Loads (lb)

Vert: 15=-539(F)

Job L143666	Truss T10A	Truss Type HIP	Qty 1	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:13:13 2005 Page 1

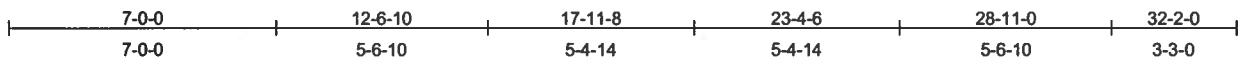
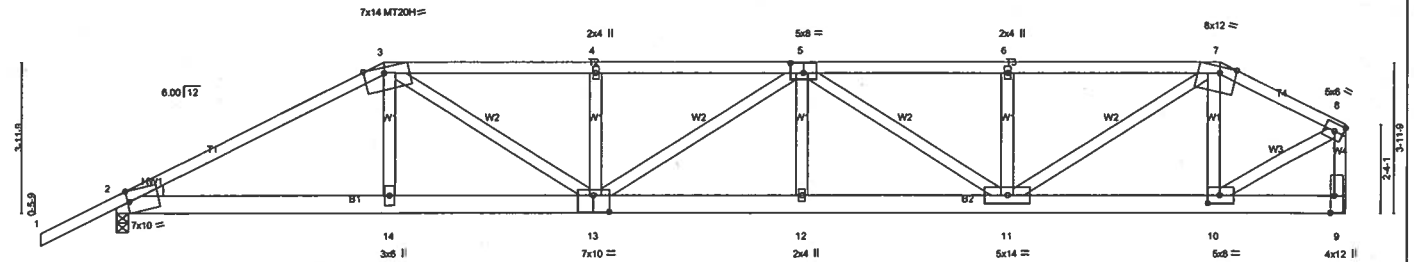
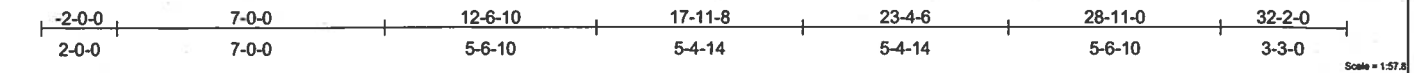


Plate Offsets (X,Y): [2-0-0-9,Edge], [3-0-6-3,Edge], [5-0-4-0,0-3-0], [7-0-5-3,Edge], [9-0-5-6,0-1-3], [10-0-3-8,0-2-8], [13-0-5-0,0-5-4]									
LOADING (psf)		SPACING 2-0-0		CSI		DEFL		PLATES GRIP	
TCLL	20.0	Plates Increase	1.25	TC	0.85	in (loc)	l/defl	L/d	
TCDL	7.0	Lumber Increase	1.25	BC	0.82	Vert(LL)	-0.42 12-13	>902	240
BCLL	10.0	Rep Stress Incr	NO	WB	0.98	Vert(TL)	-0.68 12-13	>563	180
BCDL	5.0	Code FBC2004/TP12002		(Matrix)		Horz(TL)	0.13 9	n/a	n/a
								Weight: 197 lb	
								MT20	244/190
								MT20H	187/143

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2 *Except* T2 2 X 4 SYP No.1D	TOP CHORD Structural wood sheathing directly applied or 2-1-5 oc purlins, except end verticals.
BOT CHORD 2 X 6 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 4-11-7 oc bracing.
WEBS 2 X 4 SYP No.3 *Except* W2 2 X 4 SYP No.2, W2 2 X 4 SYP No.2, W2 2 X 4 SYP No.2	
WEDGE Left: 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=2856/0-3-8, 9=2883/Mechanical
Max Horz 2=175(load case 4)
Max Uplift 2=-1170(load case 4), 9=-1181(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-5432/2235, 3-4=-6478/2796, 4-5=-6487/2804, 5-6=-5363/2315, 6-7=-5364/2315, 7-8=-2855/1199, 8-9=-2853/1181
BOT CHORD 2-14=-2004/4745, 13-14=-2012/4780, 12-13=-2867/6691, 11-12=-2868/6687, 10-11=-1043/2501, 9-10=-18/42
WEBS 3-14=-211/842, 3-13=-974/2121, 4-13=-669/539, 5-13=-281/129, 5-12=0/387, 5-11=-1602/692, 6-11=-652/523, 7-11=-1487/3422, 7-10=-1037/577, 8-10=-1259/2944

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) 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 1170 lb uplift at joint 2 and 1181 lb uplift at joint 9.
 - 7) Girder carries hip end with 3-3-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
 - 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 250 lb down and 121 lb up at 28-11-0, and 539 lb down and 262 lb up at 7-0-0 on bottom 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: 1-3=-54, 3-7=-118(F=-64), 7-8=-54, 2-14=-30, 10-14=-65(F=-35), 9-10=-30
Concentrated Loads (lb)
Vert: 14=-539(F) 10=-250(F)

Job L143666	Truss T11	Truss Type MONO HIP	Qty 1	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:13:17 2005 Page 1					

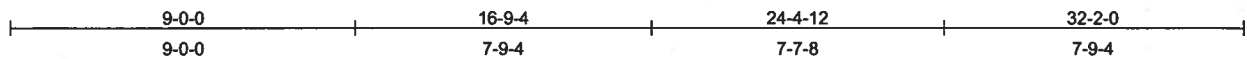
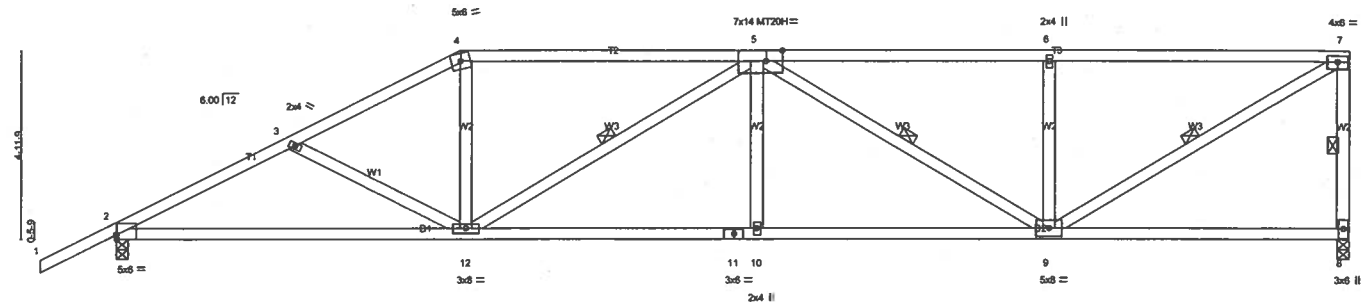


Plate Offsets (X,Y): [2-0-0-2-0-1-5], [5-0-5-5-0-3-6]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.74	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.65	Vert(LL) -0.20 9-10 >999 240	MT20H	187/143
BCLL 10.0	Rep Stress Incr YES	WB 0.63	Vert(TL) -0.34 2-12 >999 180	Weight: 172 lb	
BCDL 5.0	Code FBC2004/TP12002	(Matrix)	Horz(TL) 0.09 8 n/a n/a		

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

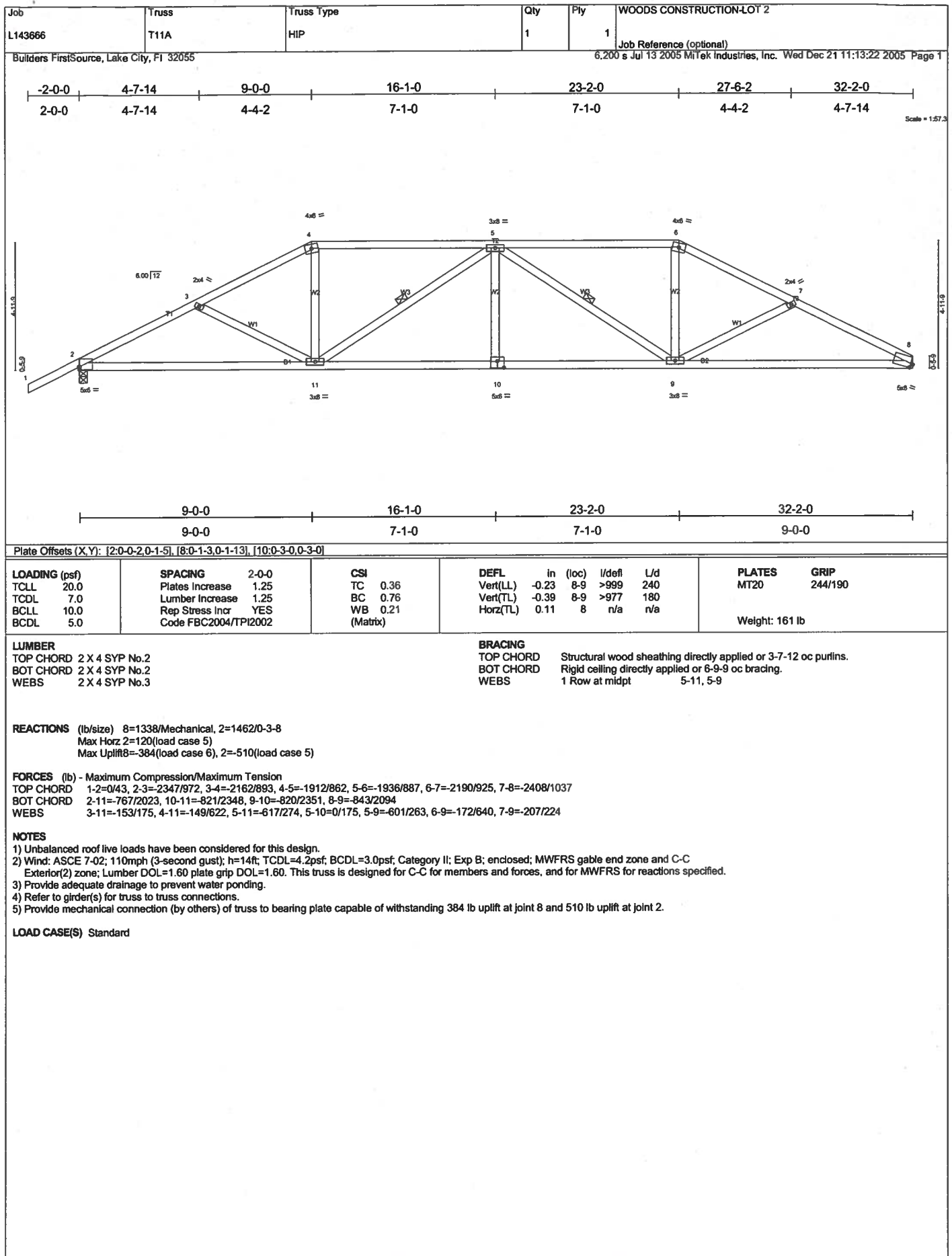
BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-10-5 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-4-3 oc bracing.
 WEBS 1 Row at midpt 7-8, 5-12, 5-9, 7-9

REACTIONS (lb/size) 8=1335/0-3-8, 2=1459/0-3-8
 Max Horz 2=270(load case 5)
 Max Uplift 8=492(load case 4), 2=498(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/43, 2-3=2337/920, 3-4=2159/846, 4-5=1913/822, 5-6=1743/708, 6-7=1743/708, 7-8=1221/554
 BOT CHORD 2-12=959/2012, 11-12=978/2350, 10-11=978/2350, 9-10=978/2350, 8-9=28/70
 WEBS 3-12=132/170, 4-12=108/592, 5-12=512/286, 5-10=0/218, 5-9=712/316, 6-9=421/309, 7-9=798/1963

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) Provide adequate drainage to prevent water ponding.
 3) All plates are MT20 plates unless otherwise indicated.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 492 lb uplift at joint 8 and 498 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	WOODS CONSTRUCTION-LOT 2
L143666	T12	MONO HIP	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6,200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:13:26 2005 Page 1		

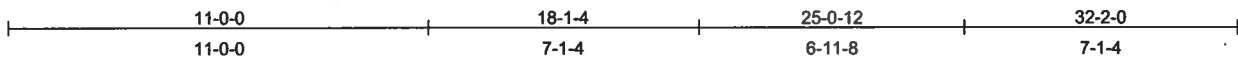
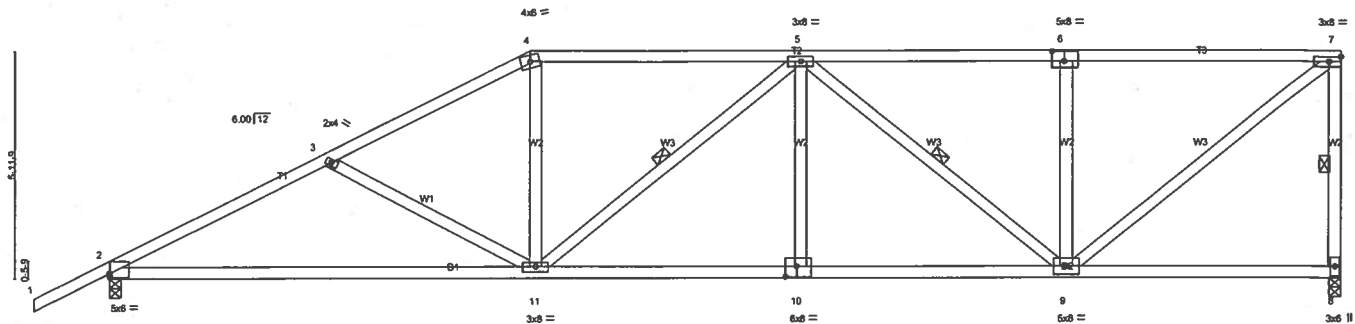
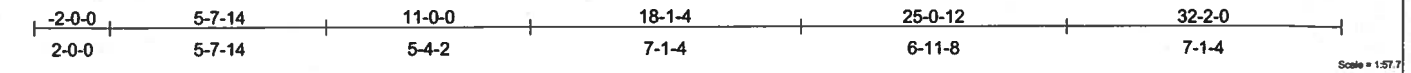


Plate Offsets (X,Y): [2-0-0-2-0-1-1], [6-0-3-12-0-3-2], [10-0-3-7-0-3-4]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.58	Vert(LL)	-0.37	2-11	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.81	Vert(TL)	-0.63	2-11	>604	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.96	Horz(TL)	0.08	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
								Weight: 180 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-3-5 oc bracing.
 WEBS 1 Row at midpt 7-8, 5-11, 5-9

REACTIONS (lb/size) 8=1335/0-3-8, 2=1459/0-3-8
 Max Horz 2=316(load case 5)
 Max Uplift 8=485(load case 4), 2=510(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/43, 2-3=2297/919, 3-4=2017/794, 4-5=-1761/776, 5-6=-1344/559, 6-7=-1340/555, 7-8=-1234/562
 BOT CHORD 2-11=-1002/1987, 10-11=-812/1895, 9-10=-812/1892, 8-9=-18/44
 WEBS 3-11=-273/259, 4-11=-89/539, 5-11=-172/186, 5-10=0/174, 5-9=-706/327, 6-9=-388/285, 7-9=-693/1672

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) Provide adequate drainage to prevent water ponding.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 485 lb uplift at joint 8 and 510 lb uplift at joint 2.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOODS CONSTRUCTION-LOT 2
L143666	T12A	HIP	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6,200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:13:31 2005 Page 1		

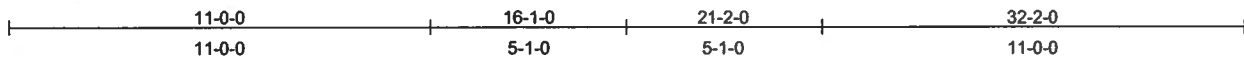
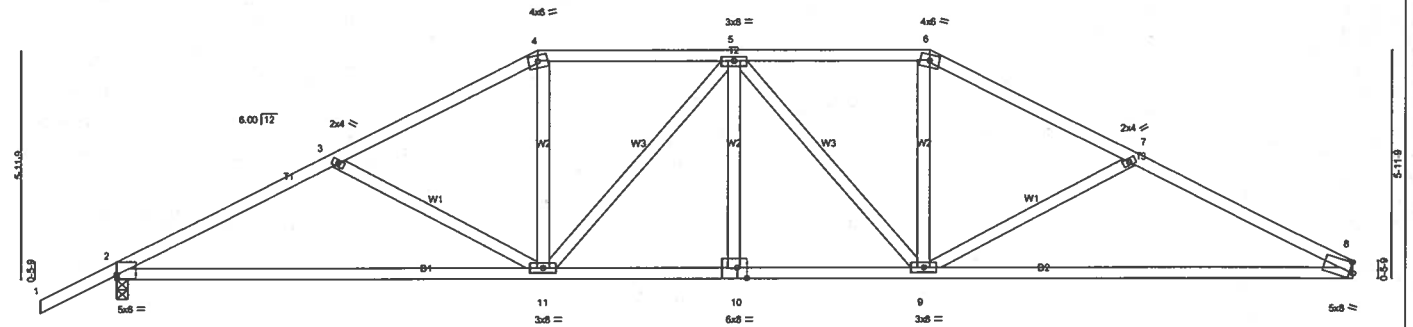
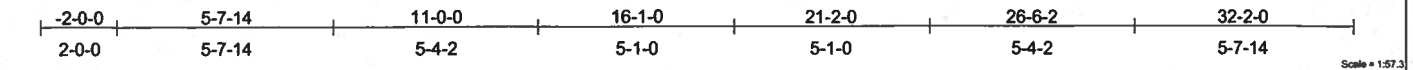


Plate Offsets (X, Y): [2:0-0-2,0-1-1], [8:Edge,0-3-5], [10:0-3-3,0-3-2]										
LOADING (psf)		SPACING 2-0-0		CSI		DEFL			PLATES GRIP	
TCLL	20.0	Plates Increase	1.25	TC	0.55	in (loc)	l/def	L/d	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.87	Vert(LL)	-0.41 8-9	>930		
BCLL	10.0	Rep Stress Incr	YES	WB	0.30	Vert(TL)	-0.70 8-9	>549		
BCDL	5.0	Code FBC2004/TP12002	(Matrix)			Horz(TL)	0.10 8	n/a		
									Weight: 166 lb	

LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.2	TOP CHORD	Structural wood sheathing directly applied or 3-3-12 oc purlins.
BOT CHORD	2 X 4 SYP No.2	BOT CHORD	Rigid ceiling directly applied or 6-8-11 oc bracing.
WEBS	2 X 4 SYP No.3		

REACTIONS (lb/size) 8=1338/Mechanical, 2=1462/0-3-8
Max Horiz 2=134(load case 5)
Max Uplift 8=-401(load case 6), 2=-527(load case 5)

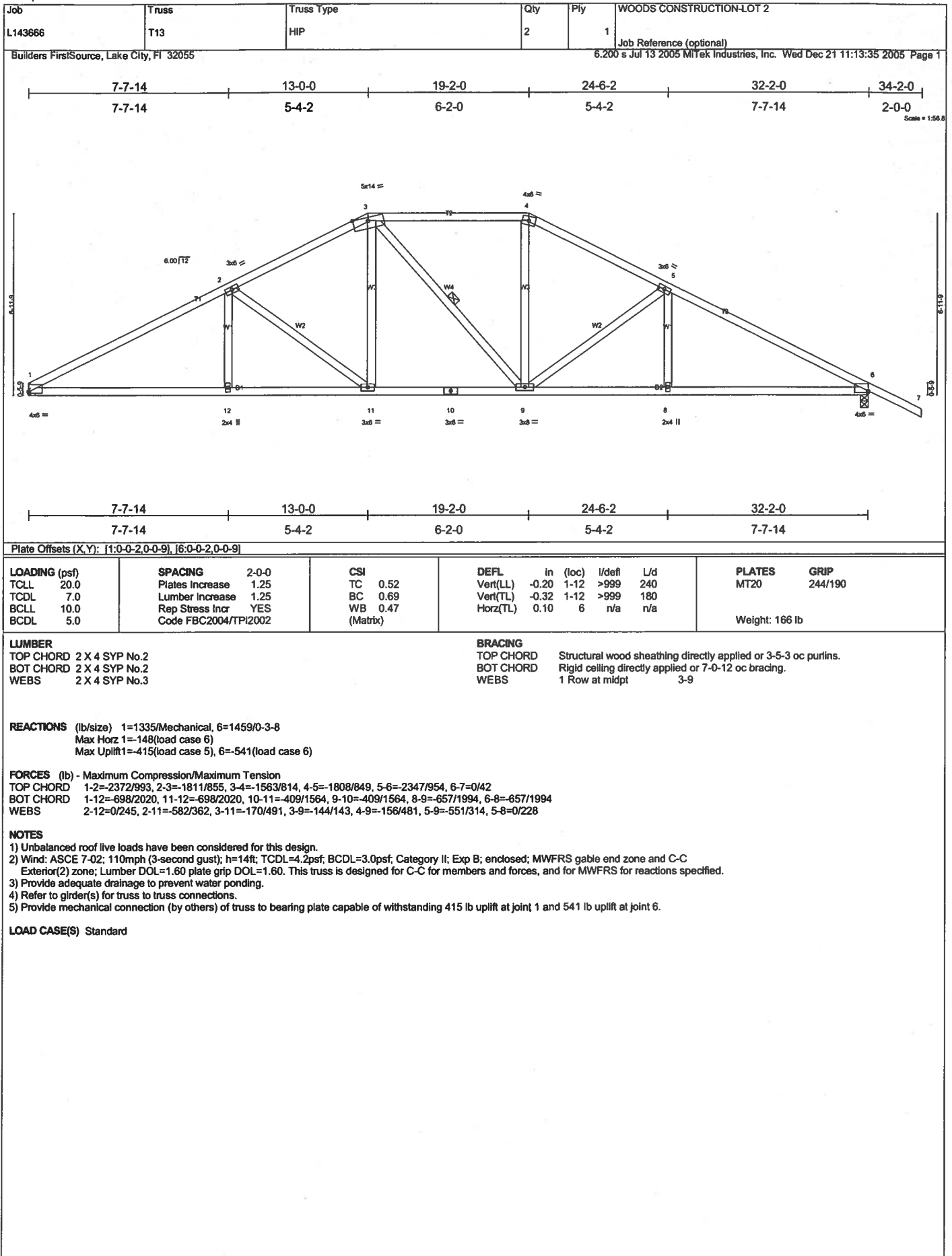
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=2310/993, 3-4=-2021/862, 4-5=-1760/835, 5-6=-1775/851, 6-7=-2040/884, 7-8=-2356/1042
BOT CHORD 2-11=789/2000, 10-11=-628/1889, 9-10=-628/1889, 8-9=-837/2054
WEBS 3-11=299/269, 4-11=-156/599, 5-11=-308/182, 5-10=0/16, 5-9=-293/174, 6-9=-174/613, 7-9=-342/317

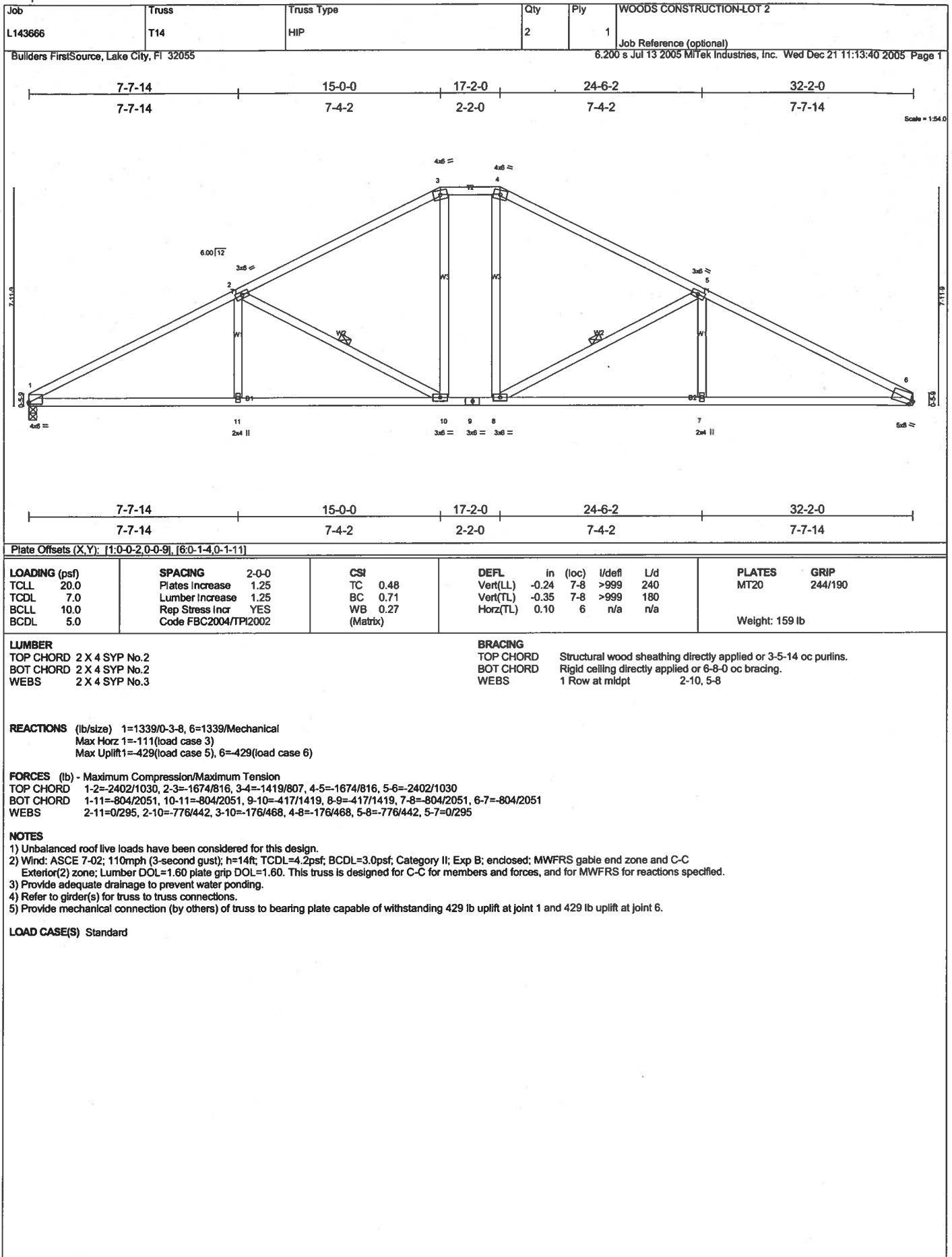
NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 401 lb uplift at joint 8 and 527 lb uplift at joint 2.

LOAD CASE(S) Standard

**DECEMBER 22, 2005 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 L143666	Truss T15	Truss Type COMMON	Qty 4	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:13:44 2005 Page 1		

7-7-14	11-10-7	16-1-0	20-3-9	24-6-2	32-2-0	34-2-0
7-7-14	4-2-9	4-2-9	4-2-9	4-2-9	7-7-14	2-0-0

Scale = 1/56.2

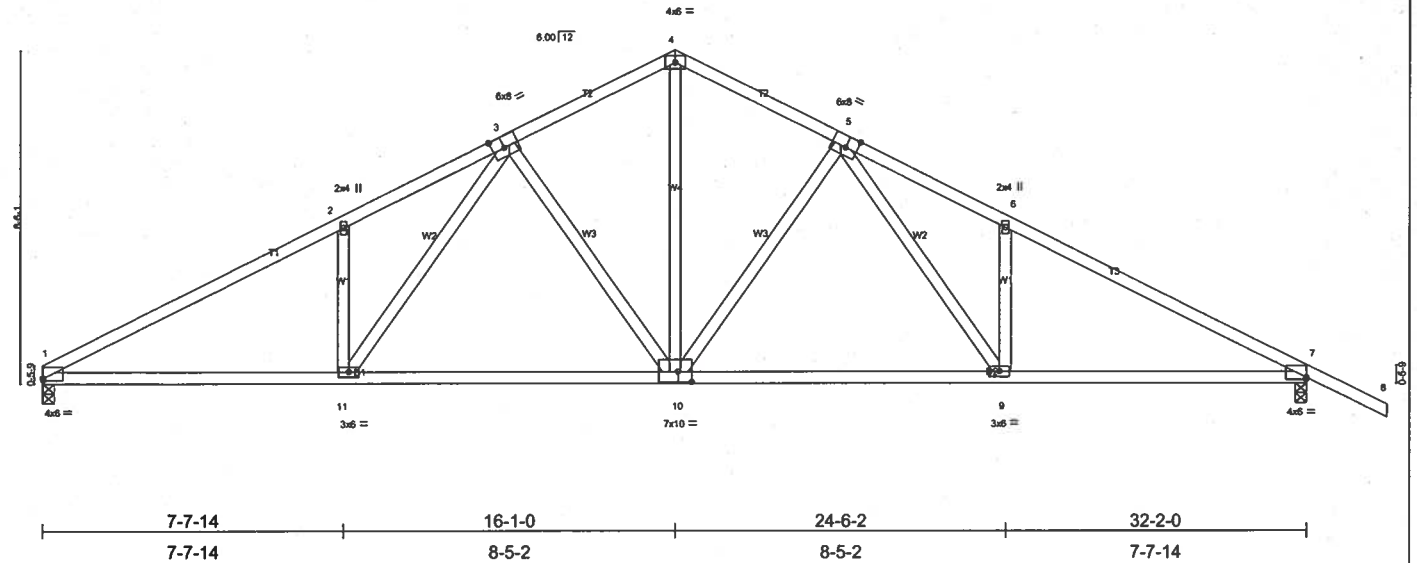


Plate Offsets (X,Y): [1:0-0-2,0-0-9], [3:0-3-10,0-3-5], [5:0-3-9,0-3-7], [7:0-0-2,0-0-9], [10:0-4-2,0-3-3]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	Weight: 170 lb
TCLL 20.0	Plates Increase	1.25	TC 0.51	in (loc) l/defl L/d	
TCDL 7.0	Lumber Increase	1.25	BC 0.72	Vert(LL) -0.19 10-11 >999 240	PLATES GRIP
BCLL 10.0	Rep Stress Incr	YES	WB 0.60	Vert(TL) -0.32 10-11 >999 180	MT20 244/190
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)	Horz(TL) 0.09 7 n/a n/a	

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

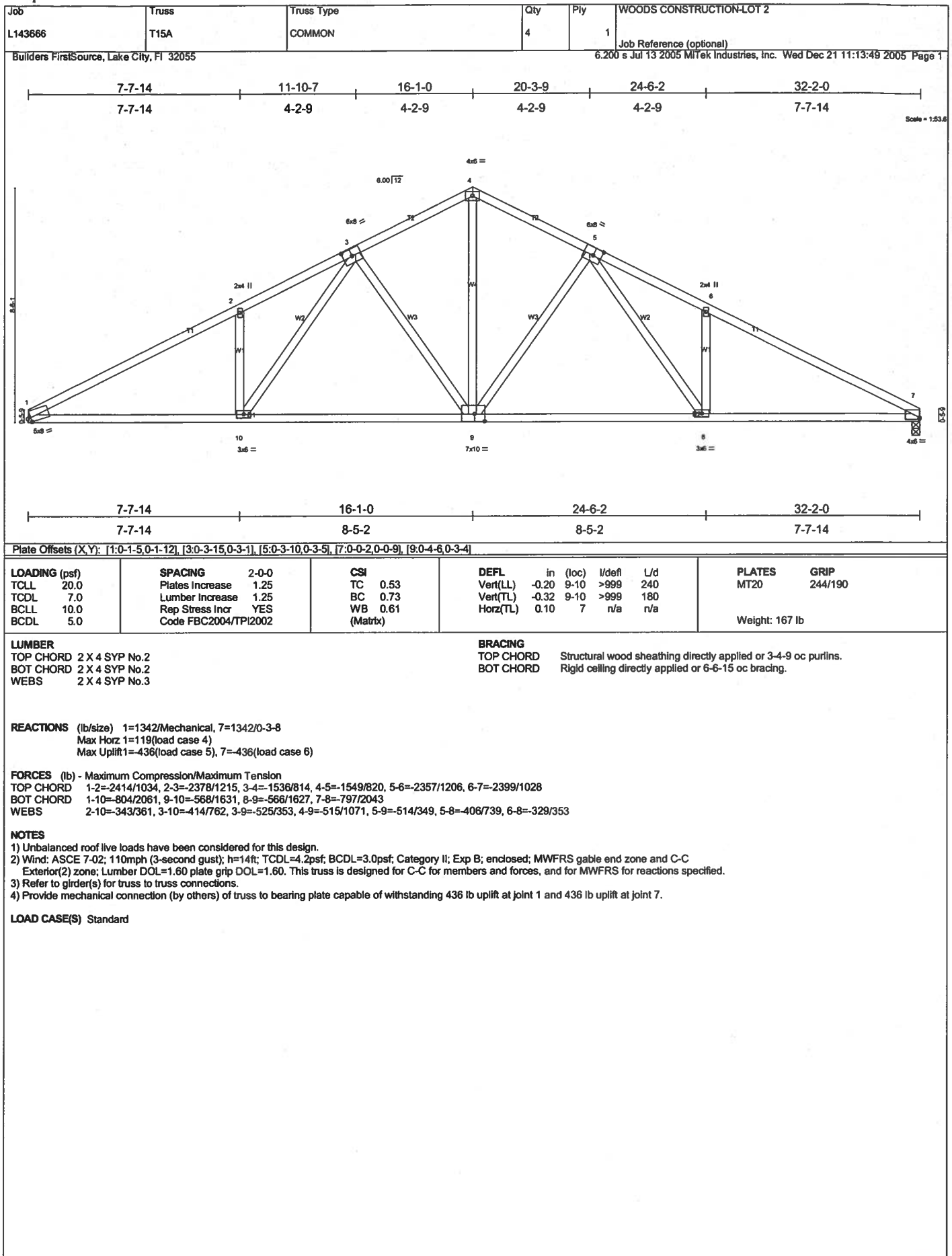
BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-5-4 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-11-13 oc bracing.

REACTIONS (lb/size) 1=1335/0-3-8, 7=1459/0-3-8
 Max Horz 1=-170(load case 6)
 Max Uplift 1=-433(load case 5), 7=-560(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2384/1011, 2-3=-2342/1189, 3-4=-1521/798, 4-5=-1534/805, 5-6=-2310/1141, 6-7=-2359/974, 7-8=0/43
 BOT CHORD 1-11=-713/2030, 10-11=-483/1612, 9-10=-474/1607, 7-9=-674/2004
 WEBS 2-11=-329/353, 3-11=-404/743, 3-10=-517/350, 4-10=-504/1059, 5-10=-503/333, 5-9=-351/704, 6-9=-314/329

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 433 lb uplift at joint 1 and 560 lb uplift at joint 7.

LOAD CASE(S) Standard



Job L143666	Truss T16	Truss Type COMMON	Qty 3	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Wed Dec 21 11:13:53 2005 Page 1

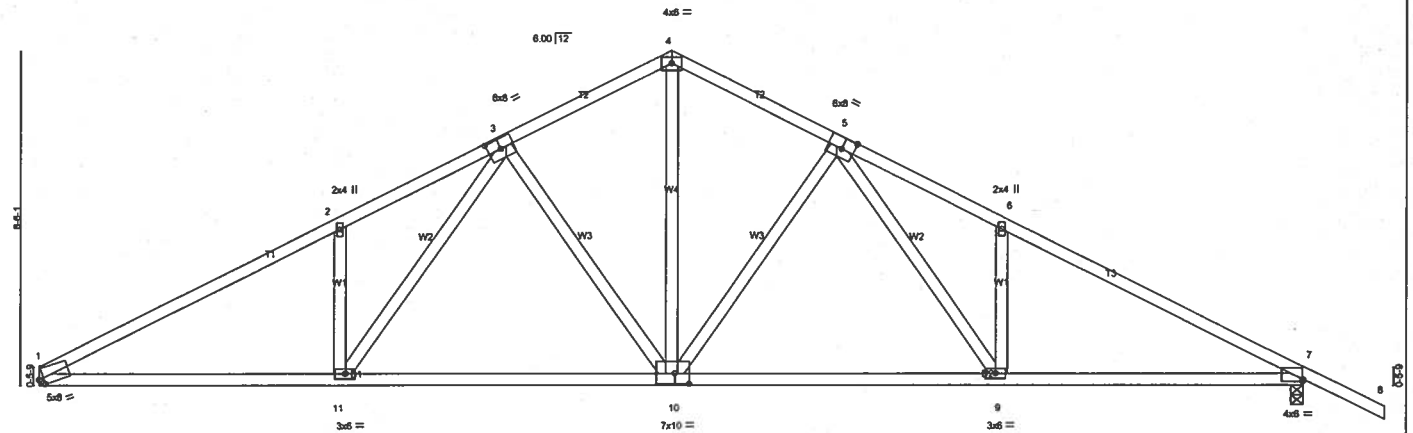
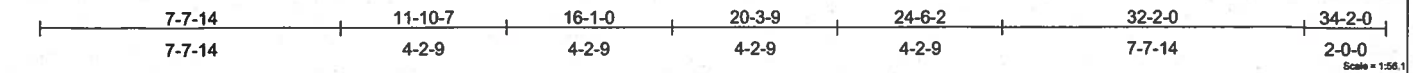


Plate Offsets (X,Y): [1:0-1-4,0-1-12], [2:0-0-0,0-0-0], [3:0-3-15,0-3-0], [4:0-0-0,0-0-0], [5:0-3-11,0-3-5], [6:0-0-0,0-0-0], [7:0-0-2,0-0-9], [10:0-4-6,0-3-4]					
LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.53	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.73	Vert(LL) -0.20 1-11 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.60	Vert(TL) -0.32 10-11 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.09 7 n/a n/a		
				Weight: 170 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-4-10 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-11-2 oc bracing.

REACTIONS (lb/size) 1=1338/Mechanical, 7=1462/0-3-8
 Max Horiz 1=-169(load case 6)
 Max Uplift 1=-435(load case 5), 7=-561(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2405/1020, 2-3=-2369/1201, 3-4=-1528/801, 4-5=-1541/808, 5-6=-2317/1144, 6-7=-2366/977, 7-8=0/42
 BOT CHORD 1-11=-723/2053, 10-11=-488/1623, 9-10=-477/1614, 7-9=-676/2010
 WEBS 2-11=-343/361, 3-11=-413/762, 3-10=-525/353, 4-10=-507/1065, 5-10=-503/333, 5-9=-351/704, 6-9=-314/328

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Refer to girder(s) for truss to truss connections.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 435 lb uplift at joint 1 and 561 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L143666	Truss T17	Truss Type COMMON	Qty 1	Ply 1	WOODS CONSTRUCTION-LOT 2
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Dec 21 11:13:58 2005 Page 1

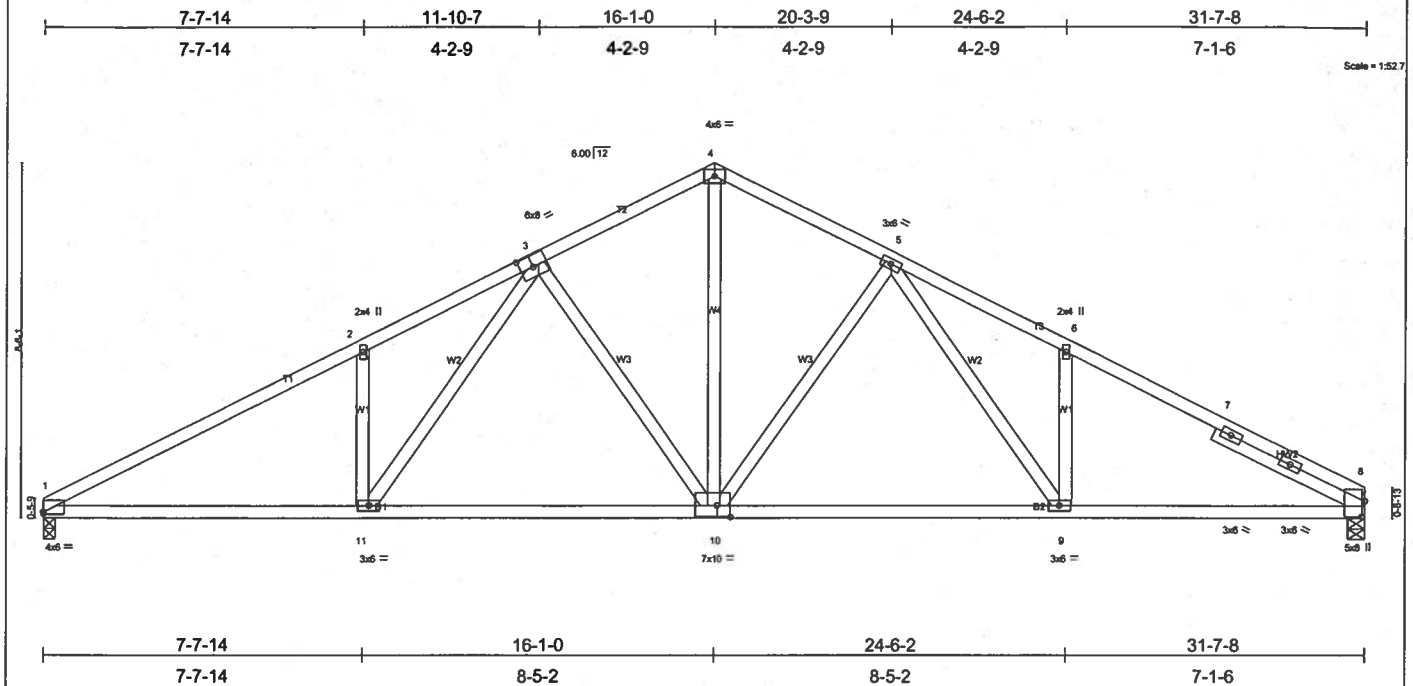


Plate Offsets (X,Y): [1:0-0-2,0-0-9], [3:0-3-13,0-3-4], [8:0-4-8,0-0-13], [10:0-3-13,0-3-5]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.51	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.71	Vert(LL) -0.19 9-10 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.60	Vert(TL) -0.31 9-10 >999 180		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)	Horz(TL) 0.09 8 n/a n/a		
Weight: 171 lb					

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Right 2 X 4 SYP No.3 3-11-6

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-5-8 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-8-4 oc bracing.

REACTIONS (lb/size) 8=1322/0-4-15, 1=1322/0-3-8
 Max Horz 1=-119(load case 3)
 Max Uplift 8=-428(load case 6), 1=-430(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2356/1009, 2-3=-2315/1187, 3-4=-1495/796, 4-5=-1511/804, 5-6=-2148/1109, 6-7=-2143/961, 7-8=-2220/943
 BOT CHORD 1-11=-780/2006, 10-11=-550/1588, 9-10=-542/1570, 8-9=-721/1877
 WEBS 2-11=-329/353, 3-11=-404/741, 3-10=-519/351, 4-10=-508/1050, 5-10=-485/338, 5-9=-315/570, 6-9=-232/295

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 428 lb uplift at joint 8 and 430 lb uplift at joint 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOODS CONSTRUCTION-LOT 2
L143666	T19	COMMON	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Wed Dec 21 11:14:07 2005 Page 1		

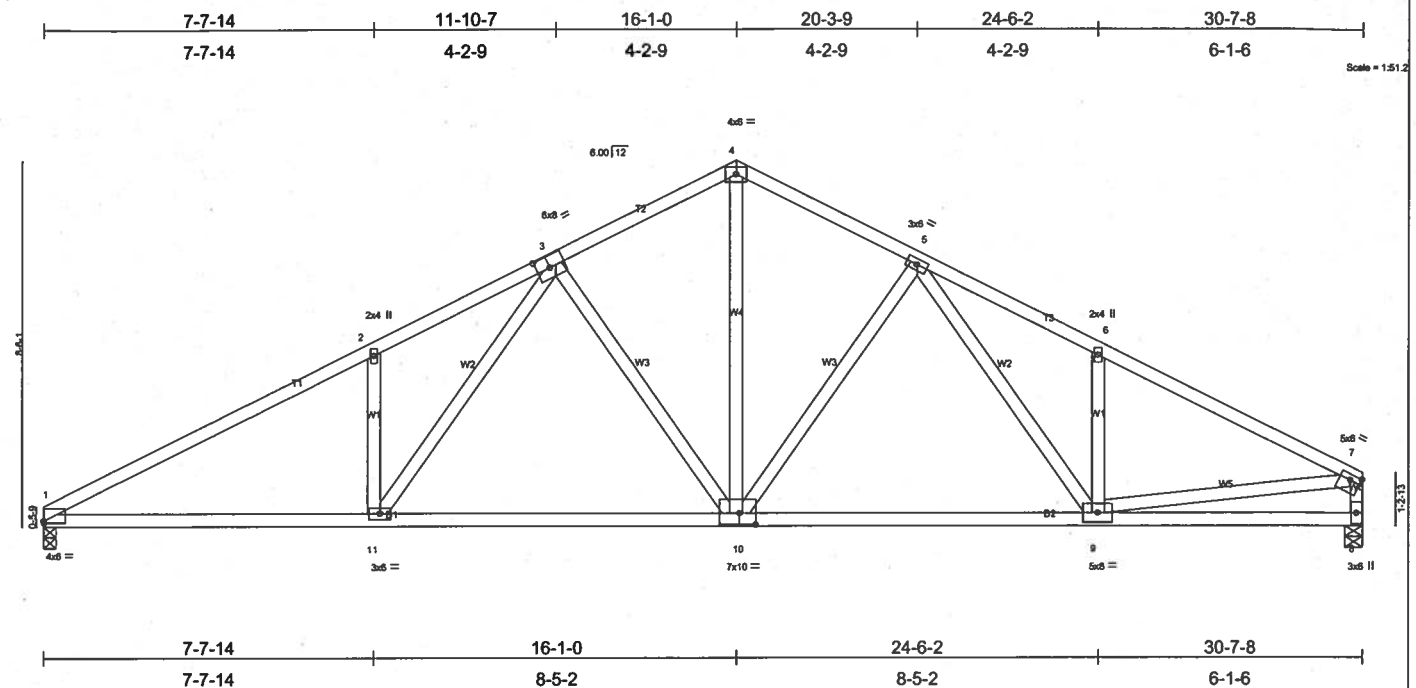


Plate Offsets (X,Y): [1:0-0-2,0-0-9], [3:0-3-11,0-3-3], [7:0-2-15,0-1-9], [10:0-4-8,0-3-2]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)
TCLL 20.0	Plates Increase	1.25	TC 0.66	Vert(LL)	-0.18 1-11 >999 240
TCDL 7.0	Lumber Increase	1.25	BC 0.69	Vert(TL)	-0.29 9-10 >999 180
BCLL 10.0	Rep Stress Incr	YES	WB 0.55	Horz(TL)	0.07 8 n/a n/a
BCDL 5.0	Code FBC2004/TP12002		(Matrix)		
			Weight: 171 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 3-6-12 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-9-10 oc bracing.

REACTIONS (lb/size) 1=1274/0-3-8, 8=1274/0-4-15
 Max Horiz 1=152(load case 4)
 Max Uplift 1=-417(load case 5), 8=-407(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2253/963, 2-3=-2213/1142, 3-4=-1391/750, 4-5=-1405/758, 5-6=-1834/956, 6-7=-1856/811, 7-8=-1187/563
 BOT CHORD 1-11=-753/1915, 10-11=-523/1496, 9-10=-485/1407, 8-9=-159/288
 WEBS 2-11=-331/354, 3-11=-404/743, 3-10=-519/352, 4-10=-468/953, 5-10=-377/285, 5-9=-201/370, 6-9=-273/290, 7-9=-446/1320

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 417 lb uplift at joint 1 and 407 lb uplift at joint 8.

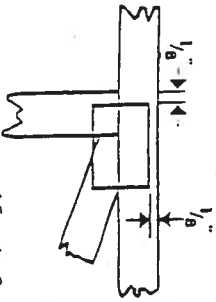
LOAD CASE(S) Standard

Symbols

PLATE LOCATION AND ORIENTATION



• Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seal.



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

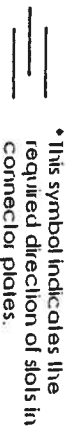


PLATE SIZE



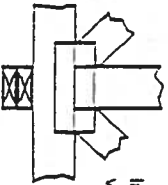
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



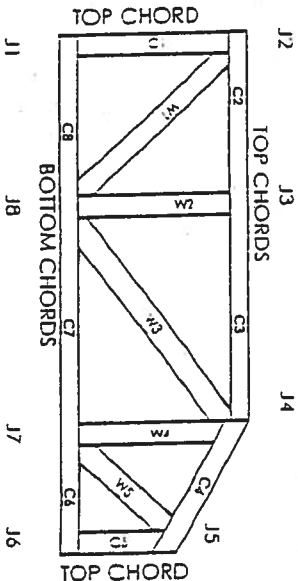
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

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



MITek Engineering Reference Sheet: MIT-7473

General Safety Notes

Failure to Follow Could Cause Properly Damage or Personal Injury

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

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

0601-59

Reference to: Build permit application Number:

Woods Construction Owner Tina Cistaro 486 SE Ormond Witt Road

On the date of January 25, 2006 application 0601-59 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 0601-59 when making reference to this application.

1. Please verify that the bathrooms windows will comply with the FRC-2004 section R308.4 Hazardous locations: Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface.
2. Please have Mr. Mark Disosway supply the following information, show all required connectors with uplift rating for the truss system and required number and size of fasteners for continuous tie from the roof to foundation. These

connection points shall be designed by a Windload engineer using the engineered roof truss plans.

Thank you,

A handwritten signature in black ink, appearing to read "Joe Haltiwanger". The signature is fluid and cursive, with the first name "Joe" and last name "Haltiwanger" clearly distinguishable.

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

ADD to
11793
Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 SE BAYA AVE

City: LAKE CITY **Phone:** 252-1703

Site Location: Subdivision N/A

Lot # _____ **Block#** _____ **Permit #** 24099

Address 468 SE ORMOND WITT RD

Product used

Active Ingredient

% Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling (Front + Back Porches) 3125 289 290

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

8/24/06 0830 F254 GUNNY
Date **Time** **Print Technician's Name**

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **WOOD LOT 2 ORMOND WITT ROAD**
 Address:
 City, State: ,
 Owner:
 Climate Zone: **North**

Builder: **JERRY WOOD**
 Permitting Office: **COLUMBIA COUNTY**
 Permit Number: **24099**
 Jurisdiction Number: **221000 -**

- | | | | | | |
|-------------------------------------|---------------------|-------------|--|-------------------|-----|
| 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: 12.00 | ___ |
| 4. Number of Bedrooms | 2 | ___ | b. N/A | | ___ |
| 5. Is this a worst case? | No | ___ | c. N/A | | ___ |
| 6. Conditioned floor area (ft²) | 1985 ft² | ___ | 13. Heating systems | | |
| 7. Glass area & type | Single Pane | Double Pane | a. PTHP | Cap: 42.0 kBtu/hr | ___ |
| a. Clear glass, default U-factor | 42.0 ft² | 161.0 ft² | | COP: 3.40 | ___ |
| b. Default tint, default U-factor | 0.0 ft² | 0.0 ft² | b. N/A | | ___ |
| c. Labeled U-factor or SHGC | 0.0 ft² | 0.0 ft² | c. N/A | | ___ |
| 8. Floor types | | | 14. Hot water systems | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 180.5(p) ft | ___ | a. Electric Resistance | Cap: 40.0 gallons | ___ |
| b. N/A | | ___ | | EF: 0.90 | ___ |
| c. N/A | | ___ | b. N/A | | ___ |
| 9. Wall types | | | c. Conservation credits | | ___ |
| a. Frame, Wood, Exterior | R=13.2, 1581.0 ft² | ___ | (HR-Heat recovery, Solar | | ___ |
| b. Frame, Wood, Adjacent | R=12.9, 220.0 ft² | ___ | 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, 1984.5 ft² | ___ | MZ-C-Multizone cooling, | | ___ |
| b. N/A | | ___ | MZ-H-Multizone heating) | | ___ |
| c. N/A | | ___ | | | ___ |
| 11. Ducts | | | | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 50.0 ft | ___ | | | ___ |
| b. N/A | | ___ | | | ___ |

Glass/Floor Area: 0.10

Total as-built points: 20573

Total base points: 27258

PASS

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

PREPARED BY: Larry Resmondo A/C

DATE: Jan 18, 2006

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	1985.0	20.04	7160.3	Double, Clear	E	1.5	6.0	40.0	42.06	0.91	1535.7
				Double, Clear	N	1.5	6.0	30.0	19.20	0.94	540.7
				Single, Clear	W	11.0	8.0	42.0	43.84	0.46	852.0
				Double, Clear	E	1.5	3.0	8.0	42.06	0.73	244.1
				Double, Clear	S	1.5	6.0	15.0	35.87	0.86	460.6
				Double, Clear	W	1.5	6.0	30.0	38.52	0.91	1055.6
				Double, Clear	S	1.5	3.0	3.0	35.87	0.66	71.0
				Double, Clear	W	6.0	6.0	20.0	38.52	0.53	408.6
				Double, Clear	SW	4.0	6.0	15.0	40.16	0.58	351.0
				As-Built Total:			203.0		5519.3		
WALL TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	220.0	0.70	154.0	Frame, Wood, Exterior	13.2		1581.0	1.48		2339.9	
Exterior	1581.0	1.70	2687.7	Frame, Wood, Adjacent	12.9		220.0	0.61		133.1	
Base Total:				1801.0			2841.7				
				As-Built Total:			1801.0		2473.0		
DOOR TYPES											
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	21.0	2.40	50.4	Exterior Wood	21.0 6.10 128.1						
Exterior	21.0	6.10	128.1	Adjacent Wood	21.0 2.40 50.4						
Base Total:				42.0			178.5				
				As-Built Total:			42.0		178.5		
CEILING TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1984.5	1.73	3433.2	Under Attic	30.0		1984.5	1.73 X 1.00		3433.2	
Base Total:				1984.5			3433.2				
				As-Built Total:			1984.5		3433.2		
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	180.5(p)	-37.0	-6678.5	Slab-On-Grade Edge Insulation	0.0		180.5(p)	-41.20		-7436.6	
Raised	0.0	0.00	0.0								
Base Total:				-6678.5			180.5		-7436.6		
				As-Built Total:			180.5		-7436.6		
INFILTRATION											
Area X BSPM = Points							Area X SPM = Points				
1985.0 10.21 20266.8							1985.0 10.21 20266.8				

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1985.0	12.74	4552.0	Double, Clear	E	1.5	6.0	40.0	18.79	1.04	778.4
				Double, Clear	N	1.5	6.0	30.0	24.58	1.00	739.1
				Single, Clear	W	11.0	8.0	42.0	28.84	1.20	1450.8
				Double, Clear	E	1.5	3.0	8.0	18.79	1.12	168.4
				Double, Clear	S	1.5	6.0	15.0	13.30	1.12	222.9
				Double, Clear	W	1.5	6.0	30.0	20.73	1.02	636.4
				Double, Clear	S	1.5	3.0	3.0	13.30	1.64	65.4
				Double, Clear	W	6.0	6.0	20.0	20.73	1.17	483.7
				Double, Clear	SW	4.0	6.0	15.0	16.74	1.38	346.6
				As-Built Total:				203.0	4891.7		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	220.0	3.60	792.0	Frame, Wood, Exterior	13.2		1581.0	3.36	5312.2		
Exterior	1581.0	3.70	5849.7	Frame, Wood, Adjacent	12.9		220.0	3.32	729.3		
Base Total:				1801.0		6641.7					
				As-Built Total:		1801.0		6041.5			
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	21.0	11.50	241.5	Exterior Wood			21.0	12.30	258.3		
Exterior	21.0	12.30	258.3	Adjacent Wood			21.0	11.50	241.5		
Base Total:				42.0		499.8					
				As-Built Total:		42.0		499.8			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1984.5	2.05	4068.2	Under Attic	30.0		1984.5	2.05 X 1.00	4068.2		
Base Total:				1984.5		4068.2					
				As-Built Total:		1984.5		4068.2			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	180.5(p)	8.9	1606.4	Slab-On-Grade Edge Insulation	0.0		180.5(p)	18.80	3393.4		
Raised	0.0	0.00	0.0								
Base Total:				1806.4		3393.4					
				As-Built Total:		180.5		3393.4			
INFILTRATION Area X BWPM = Points						Area X WPM = Points					
1985.0 -0.59 -1171.1						1985.0 -0.59 -1171.1					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		16197.0		Winter As-Built Points:					17723.4	
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
16197.0		0.6274	10162.0	17723.4 17723.4		1.000 1.00	(1.069 x 1.169 x 1.00) 1.250	0.294 0.294	1.000 1.000	6514.2 6514.2

WATER HEATING & CODE COMPLIANCE STATUS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,	PERMIT #:
----------------	-----------

BASE				AS-BUILT					
WATER HEATING				Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit = Total Multiplier
Number of Bedrooms	X	Multiplier	= Total						
2		2746.00	5492.0	40.0	0.90	2	1.00	2684.98	1.00 5370.0
				As-Built Total:					5370.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
11604	10162	5492	27258	8688	6514	5370	20573

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.1

The higher the score, the more efficient the home.

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: 12.00
4. Number of Bedrooms	2	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft ²)	1985 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane	13. Heating systems	
a. Clear glass, default U-factor	42.0 ft ²	161.0 ft ²	a. PTHP	Cap: 42.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft ²	0.0 ft ²		COP: 3.40
c. Labeled U-factor or SHGC	0.0 ft ²	0.0 ft ²	b. N/A	___
8. Floor types			c. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 180.5(p) ft	___		___
b. N/A	___	___	14. Hot water systems	
c. N/A	___	___	a. Electric Resistance	Cap: 40.0 gallons
9. Wall types				EF: 0.90
a. Frame, Wood, Exterior	R=13.2, 1581.0 ft ²	___	b. N/A	___
b. Frame, Wood, Adjacent	R=12.9, 220.0 ft ²	___	c. Conservation credits	___
c. N/A	___	___	(HR-Heat recovery, Solar	___
d. N/A	___	___	DHP-Dedicated heat pump)	___
e. N/A	___	___	15. HVAC credits	___
10. Ceiling types			(CF-Ceiling fan, CV-Cross ventilation,	___
a. Under Attic	R=30.0, 1984.5 ft ²	___	HF-Whole house fan,	___
b. N/A	___	___	PT-Programmable Thermostat,	___
c. N/A	___	___	MZ-C-Multizone cooling,	___
11. Ducts			MZ-H-Multizone heating)	___
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 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: _____



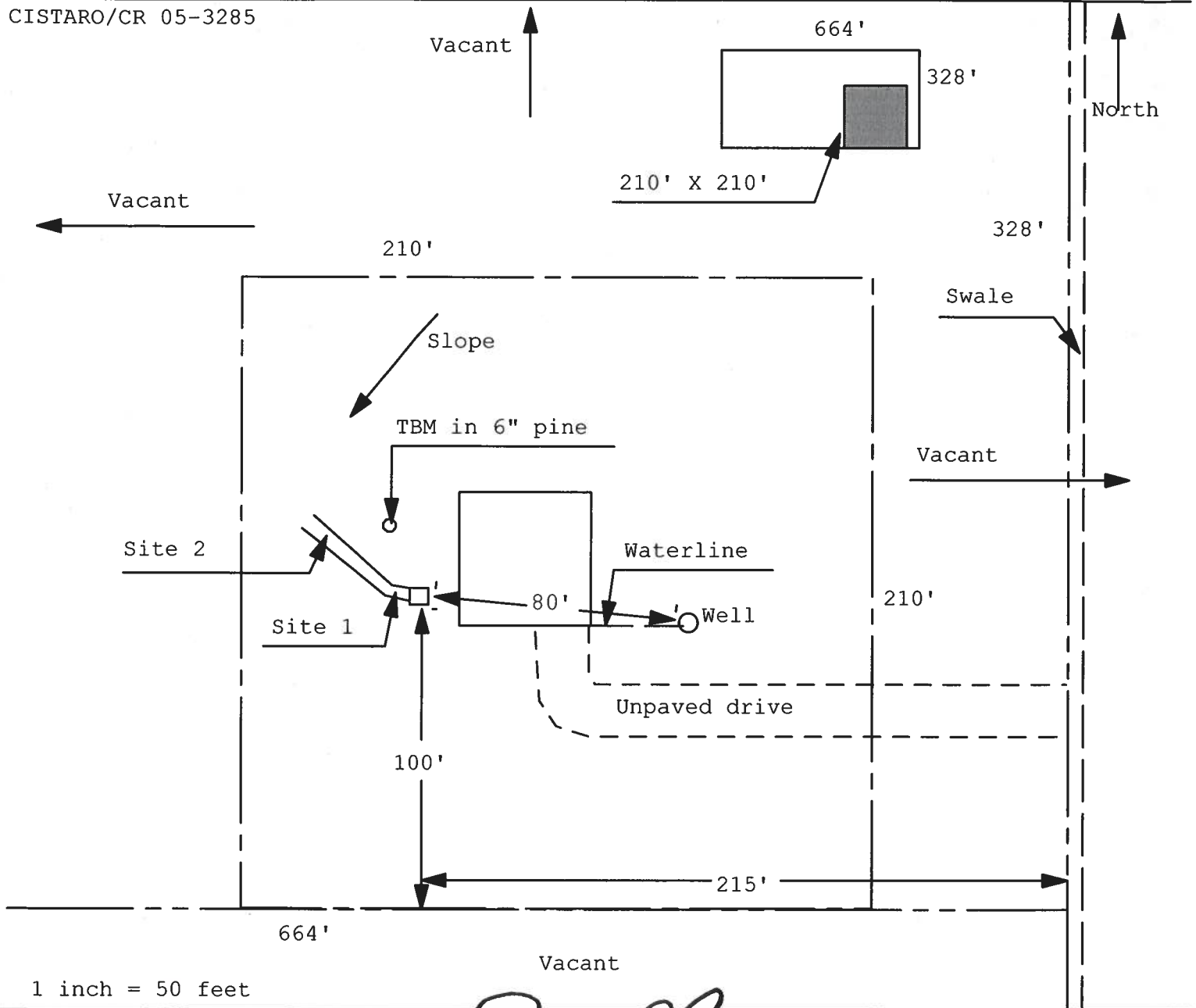
***NOTE:** The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives 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 Energy Gauge[®] Version: FLRCPB v3.4)

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

Permit Application Number: 06-0029N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

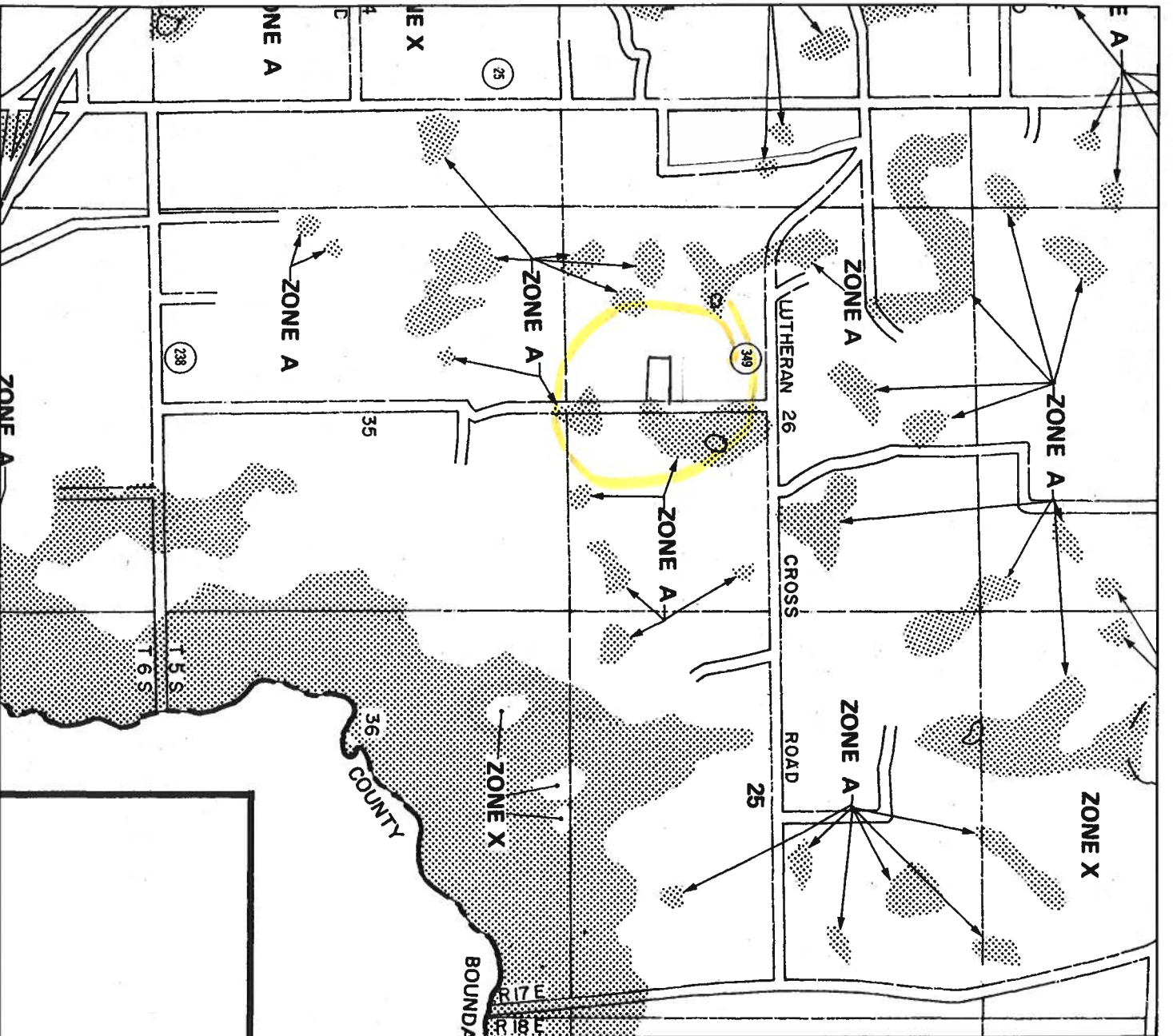
CISTARO/CR 05-3285



1 inch = 50 feet

Site Plan Submitted By Paul Lopez Date 12/20/25
 Plan Approved ☒ Not Approved ☐ Date 1-20-06
 By M. A. M. Columbia CPHU

Notes: _____



APPROXIMATE SCALE IN FEET
2000 0 2000

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 250 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER

120070 0250 B

EFFECTIVE DATE:

JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-441T Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifm/haz.

24055

**NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA**

**THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERK'S OFFICE BEFORE YOUR FIRST INSPECTION.**

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

Parcel ID Number 26-5S-17-09395-007

PERMIT NUMBER _____

1. Description of property: (legal description of the property and street address or 911 address)

468 Ormond Witt Road
Lake City, FL 32025

2. General description of improvement: New Construction--House

3. Owner Name & Address XXXXXXXXXXXX Tina M. Cistaro

Interest in Property Owner

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name Wood Construction Co, Inc Phone Number 386-755-5055
Address P.O. Box 2817, Lake City, FL 32056

6. Surety Holders Name _____ Phone Number _____

Address _____

Amount of Bond _____

Inst: 2006025663 Date: 10/27/2006 Time: 15:57

7. Lender Name None

S. J.

DC, P. DeWitt Cason, Columbia County B: 1100 P: 1206

Address _____

8. Persons within the State of Florida designated by the owner upon whom notices or other documents may be served as provided by section 713.13 (1)(a) 7; Florida Statutes:

Name _____

Phone Number _____

Address _____

9. In addition to himself/herself the owner designates _____

_____ of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____)

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Tina Cistaro
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of Oct. 27, 2006

NOTARY STAMP/SEAL



Sean H. McElroy
Commission # DD285062
Expires April 25, 2008

Bonded-Troy Feltz Insurance, Inc. 800-345-7019

Sean H. McElroy
Signature of Notary

BEARING HEIGHT SCHEDULE

	10'-0"
	11'-0"

NOTES:

- 1) REFER TO HD 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING); REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
- 2) ALL TRUSSES, INCLUDING TRUSSES UNDER VALLEY FRAMING, MUST BE COMPLETELY BRACED OR RESTED TO THE WORK FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2' O.S. UNIFORM SPACING, UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
- 6) 5/42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUD6 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON TH442 UNLESS OTHERWISE NOTED.
- 8) BEARING-RESISTANT (BRG) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

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

Engineered Drawing Date: _____

Approved by: _____ Date: _____



Bunnell

PHONE: 904-437-3349 FAX: 904-437-3494

Jacksonville

PHONE: 904-772-6100 FAX: 904-772-1975

Lake City

PHONE: 904-755-6894 FAX: 904-755-7973

Sanford

PHONE: 407-322-0054 FAX: 407-322-5553

BUILDER: WOODS CONSTRUCTION

UTAH 08/15/15

LOT 2-ORMOND WITT RD

CUSTOM

DATE: 12-21-05

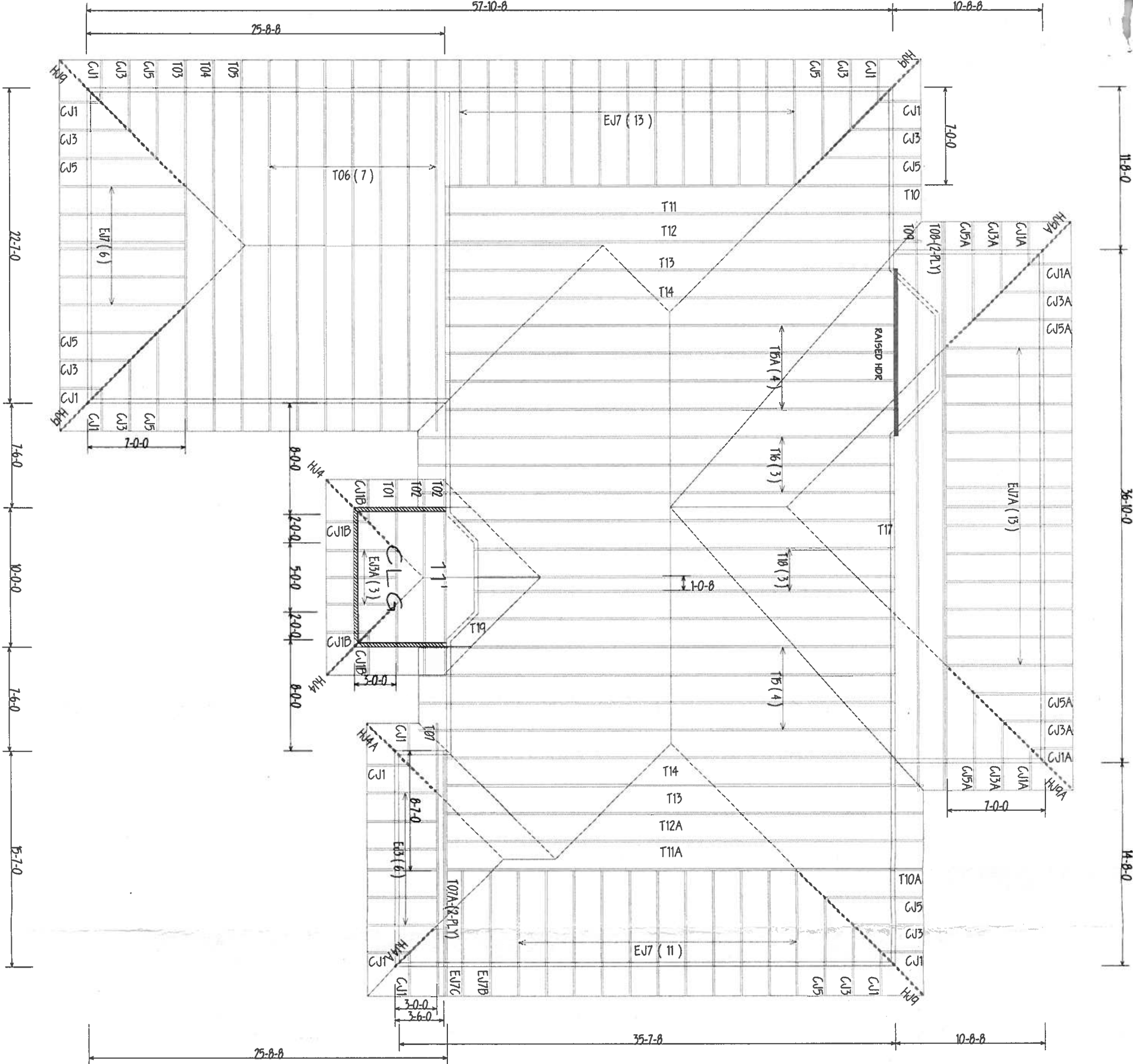
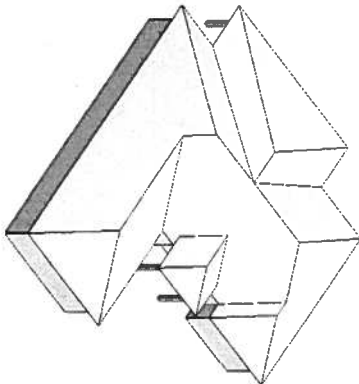
BY: JRD

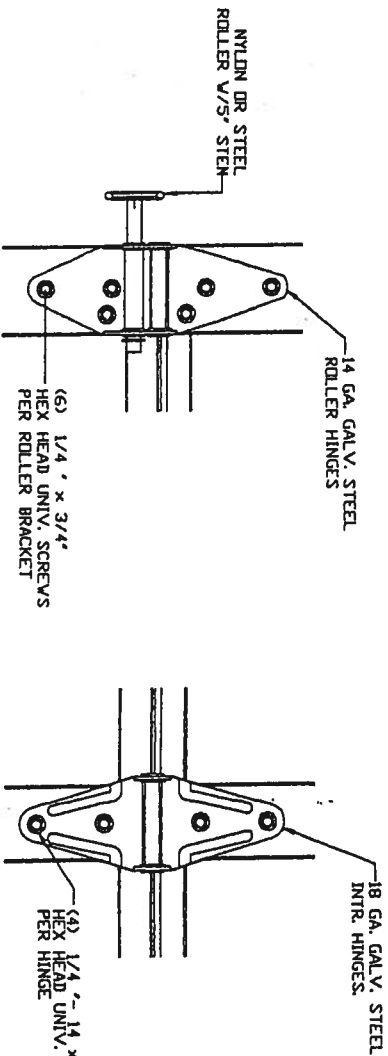
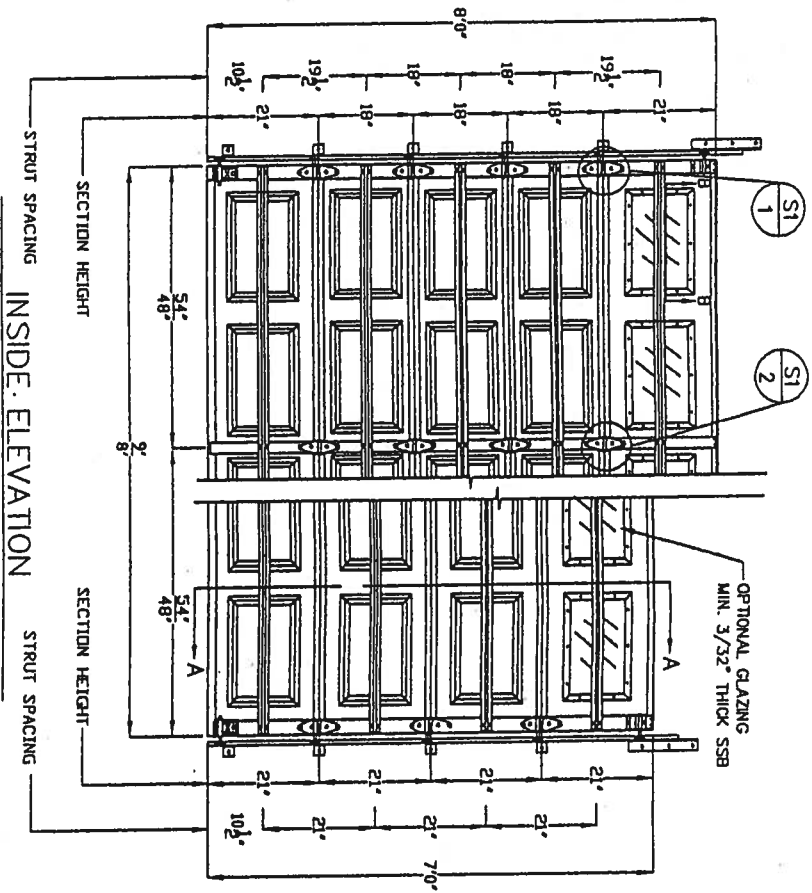
ALL DIMENSIONS TO BE
VERIFIED BY BUILDER

ALL FLAT CLGS

2' OH

6/12 PITCH
5.32/12 PITCH
ON REAR PORCH

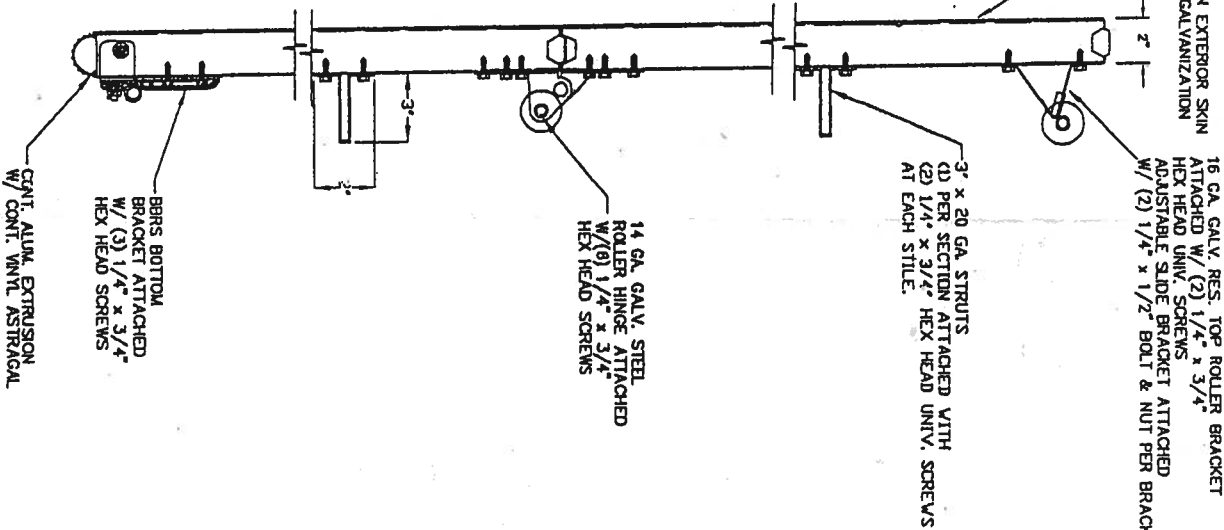




TYP. ROLLER BRACKET
N.T.S. S1

TYP. HINGE CONNECTION
N.T.S. S1

SECTION A-A (SIDE VIEW)

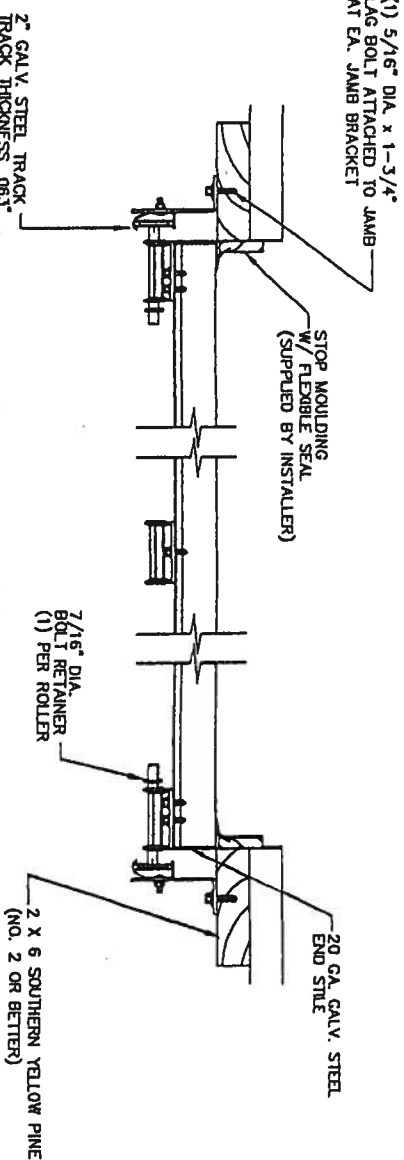


WOOD JAMB ATTACHMENT TO STRUCTURE

RATED FOR 110 MPH FASTEST-MALE BASIC WIND SPEEDS

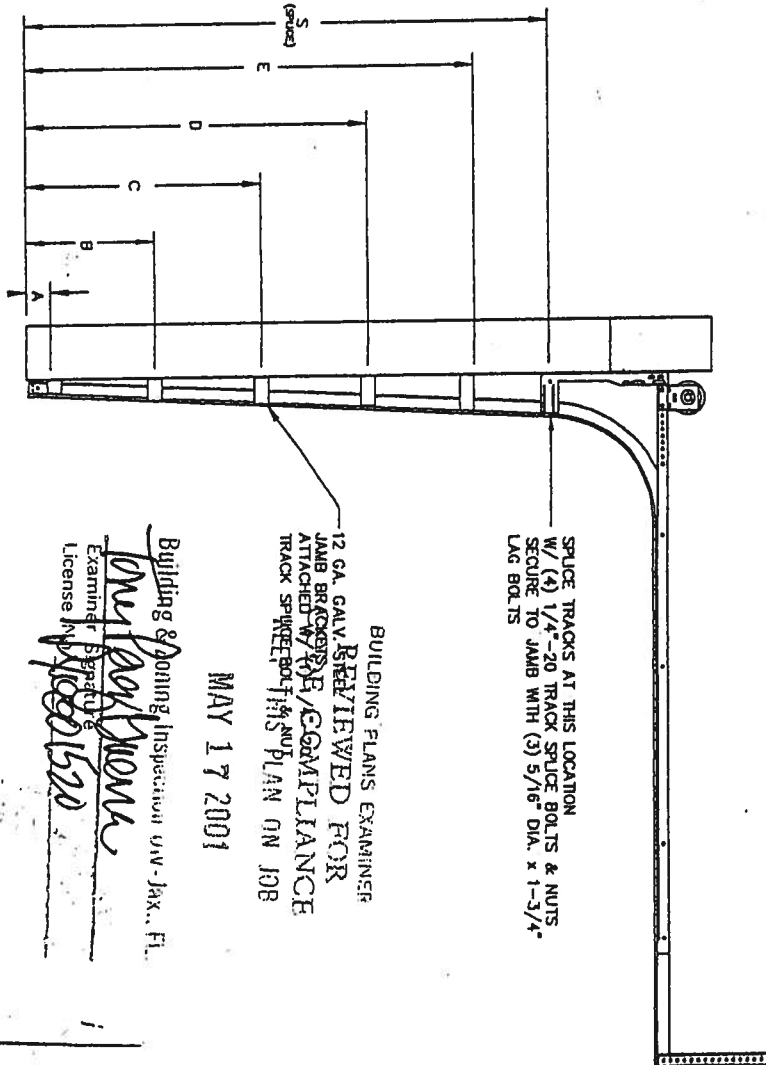
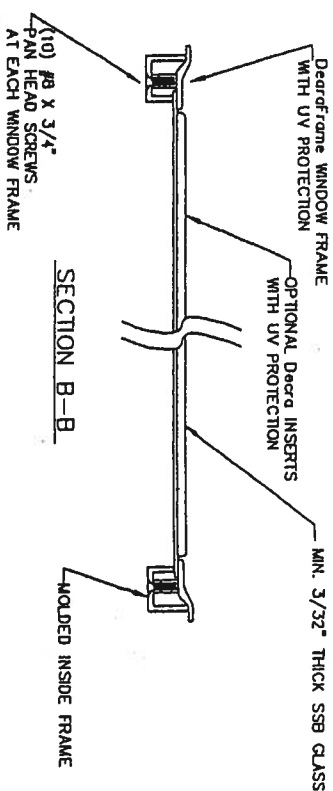
VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16\" x 3\" LAG SCREWS STARTING 6\" FROM ENDS THEN 24\" O.C.
VERTICAL JAMB ATTACHMENT TO 2,000 P.S.I. CONCRETE
HEAT TREAT. BOLT 3/8\" x 4\" STARTING 6\" FROM ENDS THEN 24\" O.C.
HEAT SLEEVE ANCHOR 3/8\" x 2-3/4\" STARTING 6\" FROM ENDS THEN 24\" O.C.
17M/ANSET RED HEAD 3/8\" x 3\" STARTING 6\" FROM ENDS THEN 24\" O.C.
VERTICAL JAMB ATTACHMENT TO C-20 BLOCK
HEAT SLEEVE ANCHOR 3/8\" x 2-3/4\" STARTING 6\" FROM ENDS THEN 24\" O.C.
HEAT SLEEVE ANCHOR 1/4\" x 2-3/4\" STARTING 6\" FROM ENDS, USE PAIRS OF FASTENERS (2\" APART) AT 24\" O.C.
GLASS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
PREPARATION OF WOOD JAMBS BY OTHERS

TRACK MOUNTING DETAIL



GLAZING OPTION CROSS SECTION

TEST No. SBC-580-011 ON OCTOBER 12, 1995 INCLUDED GLASS WINDOWS IN THE DOOR BEING USED. THE TEST PRESSURES WERE +18.4 PSF AND -54.7 PSF. BY COMPARISON, FOUR (4) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF THE 9' x 7' AND 9' x 8' MODEL 600 AND 950 DOORS.



TRACK CONFIGURATION FOR 6\"/>

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

SPECIFICATIONS AND NOTES

- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DIALMA.
- DOOR SECTIONS SHALL BE 25 GA. (0.019") MIN. ROLL FORMED LIGHT GAUGE ALUMINUM, 6-40 GALVANIZATION.
- DOORS UP TO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN.
- DOORS UP TO 6'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN.
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
- THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330-90, AND THE SOUTHERN BUILDING CODE SECTION 1608 WIND LOAD DESIGN CRITERIA THE FOLLOWING PARAGRAPH:
- A. BASIC WIND SPEED OF 110 MPH
- B. DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
- C. 15 MEAN ROOF HEIGHT AT ANY SLOPE
- D. USE FACTOR OF 1.0
- E. EXPOSURE RATING OF C

MAY 17 2001

BUILDING PLANS EXAMINER
REVIEWED FOR
JAMB BRACKET COMPLIANCE
ATTACHED TO PLAN ON JOB
THIS PLAN ON JOB

Building & Planning Inspection Unit - Jax., FL.
Examiner: *Tom Partlow*
License No. *15001520*

4/19/01

MAX SIZE 8' x 8'	DESIGN LOADS +28.7 PSF -31.3 PSF	TEST LOADS +43.0 PSF -48.8 PSF
EXEMPTION OF REVIEW		
DATE		
BY		
SIGNED BY		
DATE		
BY		
SCALE: NOT TO SCALE		
SHEET 1 OF 1		
ANALYTICAL GROUP		
3724 GASTON DRIVE, SUITE 200, WILMINGTON, DE 19806		
MODEL #600 STRATFORD		
MODEL #950 HERITAGE III		
DRAWING NUMBER		
SBC-580-007-1		