

Columbia County Building Permit Application

Revised 9-23-

For Office Use Only Application # 0603-85 Date Received 3/23/06 By G Permit # 10452/2435
Application Approved by - Zoning Official BLK Date 30.03.06 Plans Examiner JK JTH Date 4-3-06
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments EH 1-900-886-9563

Applicants Name Hugo Escalante Phone 386-288-8666
Address 6210 S.W. CR 18, Fort White, FL 32038
Owners Name Ralph & Carolyn Morris Phone 386-752-5069
911 Address 319 S.W. Ralph Terrace, Lake City, FL 32024
Contractors Name Hugo Escalante, (EWCPL INC) Phone 386-288-8666
Address 6210 S.W. CR 18, Fort White, FL 32038
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Mark Drosoway, PE POB 868, Lake City, FL 32056
Mortgage Lenders Name & Address N/A
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 28-45-16-03220-011 Estimated Cost of Construction \$250,000
Subdivision Name None Lot Block Unit Phase
Driving Directions 47 South, TR 242, 5 miles T/L on Ralph Terrace
lot on left side, 100 yards.

Type of Construction New Single Family Number of Existing Dwellings on Property 0
Total Acreage 10 Lot Size 10 Acres Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 106' Side 200' Side 200' Rear 200'
Total Building Height 29' Number of Stories 1 Heated Floor Area 2233 sq ft Roof Pitch 7-12
Porch 424 GARAGE 1040 TOTAL 3697

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.

Hugo Escalante
Owner/Builder or Agent (Including Contractor)

Hugo Escalante
Contractor Signature
Contractors License Number CRC1326967
Competency Card Number
NOTARY STAMP/SEAL

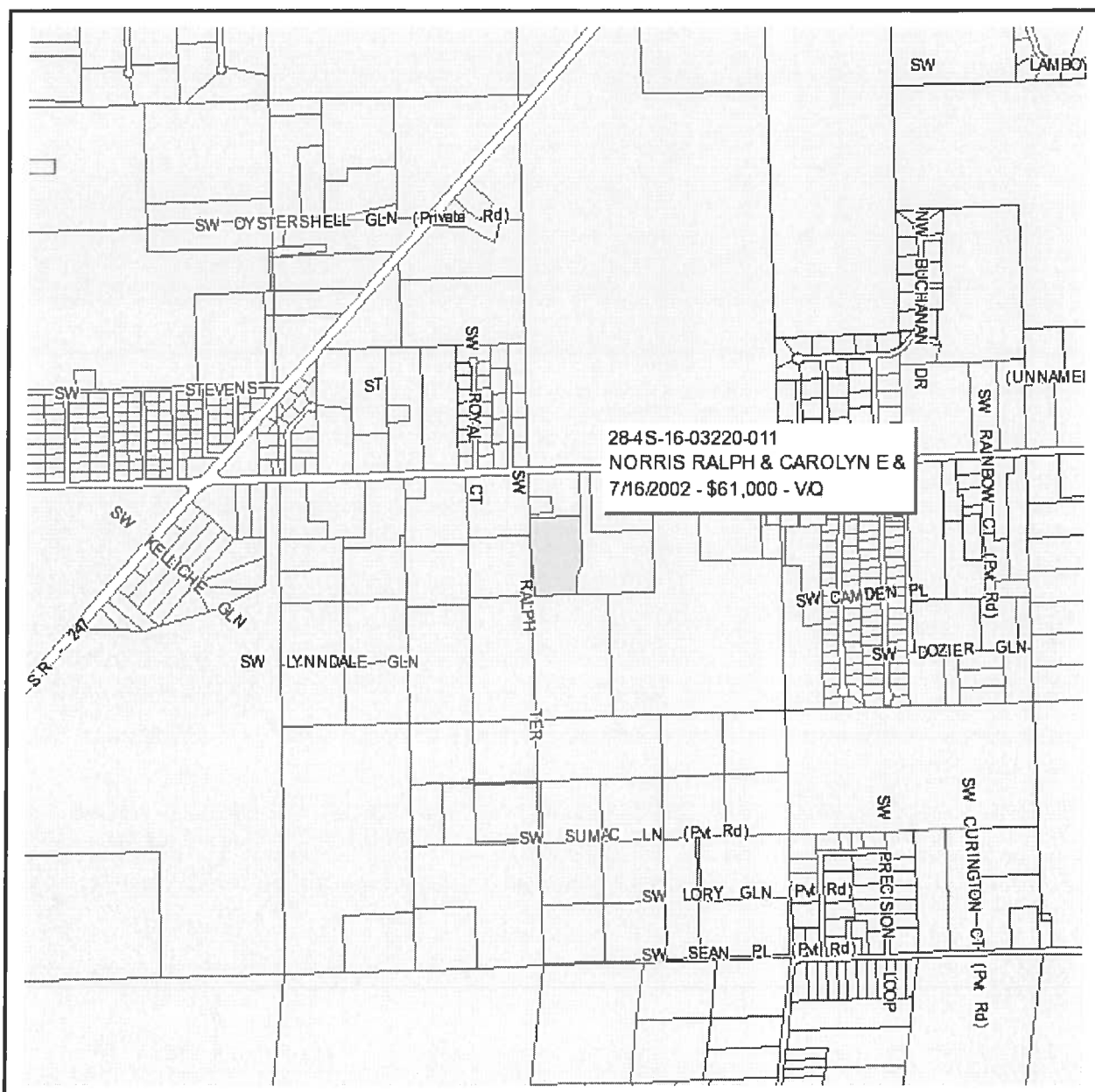
STATE OF FLORIDA
COUNTY OF COLUMBIA



Sworn to (or affirmed) and subscribed before me
this 23 day of March 20 06
Personally known ✓ or Produced Identification

Laurie Hodson
Notary Signature

4056



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 28-4S-16-03220-011 - NO AG ACRE (009900)

COMM INTERS W LINE OF NW1/4 OF NE1/4 & S R/W CR-242, RUN S 466.74 FT
FOR POB, RUN E

Name: NORRIS RALPH & CAROLYN E &	LandVal	\$76,440.00
Site: FREDERICK W & DEBRA NORRIS	BldgVal	\$0.00
Mail: 3904 SW CR 242	ApprVal	\$76,440.00
LAKE CITY, FL 32024	JustVal	\$76,440.00
Sales Info 7/16/2002 \$61,000.00 V / Q	Assd	\$76,440.00
	Exmpt	\$0.00
	Taxable	\$76,440.00

0 0.1 0.2 0.3 mi



This information, GIS Map Updated: 2/7/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



APPROXIMATE SCALE IN FEET



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0175 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-MIT 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/nifiscl.

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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.

Tax Parcel ID Number 28-45-16-0320-011

1. Description of property: (legal description of the property and street address or 911 address)
Comm Interes W Line of NW 1/4 of NE 1/4 of S R/W CR-342,
Runs S 466.74 Feet for POB, Run E
911 Address: 319 S.W. Ralph, Lake City, FL 32024
2. General description of Improvement: New Single Family Dwelling and detached
garage
3. Owner Name & Address Ralph & Carolyn Morris, 3904 S.W. CR 342
Lake City, FL 32024 Interest In Property 100%
4. Name & Address of Fee Simple Owner (if other than owner): None
5. Contractor Name Hugo Escalante (EWPL INC) Phone Number 386-288-8666
Address 6210 S.W. CR 18, Ft White, FL 32038
6. Surety Holders Name None Phone Number _____
Address None
Amount of Bond None Inst: 2006007229 Date: 03/23/2006 Time: 10:17
J. A. DC, P. DeWitt Cason, Columbia County B: 1078 P: 816
7. Lender Name None
Address None
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name Hugo Escalante Phone Number 386-288-8666
Address 6210 S.W. CR 18, Fort White, FL 32038
9. In addition to himself/herself the owner designates Carolyn Morris
Lake City, FL to receive a copy of the Lienor's Notice as provided in Section 713.13 (1)
(a) 7. Phone Number of the designee 386-752-5069
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.

Ralph Morris
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of MARCH 22, 2003

NOTARY STAMP/SEAL

Gloria A. Devereux
Signature of Notary
Notary - State of FL.



Gloria A. Devereux
MY COMMISSION # DD110232 EXPIRES
April 26, 2006
BONDED THRU TROY FAIR INSURANCE, INC.

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

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

Addressing Maintenance

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

DATE REQUESTED: 2/27/2006 DATE ISSUED: 3/7/2006

ENHANCED 9-1-1 ADDRESS:

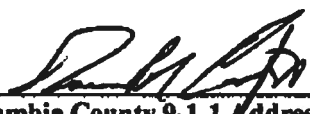
319 SW RALPH

TER

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

28-4S-16-03220-011

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.

96

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

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001045

DATE 04/06/2006 PARCEL ID # 28-4S-16-03220-011
APPLICANT HUGO ESCALANTE PHONE 386.288.8666
ADDRESS 6210 SW CR 18 FT. WHITE FL 32038
OWNER RALPH & CAROLYN TERRACE PHONE 386.288.8666
ADDRESS 319 SW RALPH TERRACE LAKE CITY FL 32024
CONTRACTOR HUGO ESCALANTE PHONE 386.288.8666
LOCATION OF PROPERTY 47-S TO C-242, TL TO 5 MILES TO RALPH TERRACE. TL AND IT'S THE
LOT ON THE LEFT SIE. WITHIN 100 YARDS.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

SIGNATURE _____

INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

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

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



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

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

Amount Paid 25.00



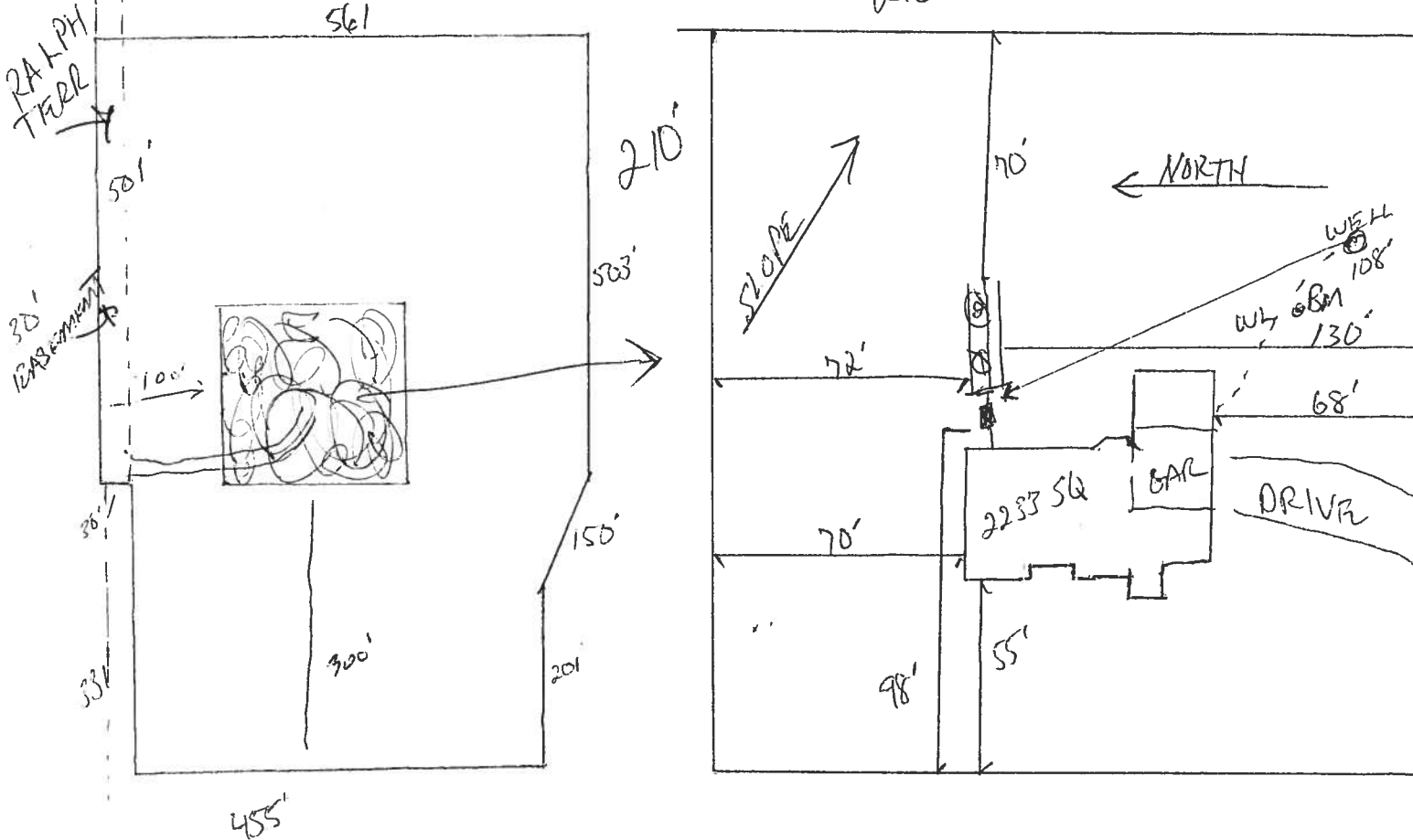
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-019514

CR 242

PART II - SITEPLAN

Scale: 1 inch = 50 feet.



Notes: 1 of 10 ACRES

Site Plan submitted by: Rock D F D

Plan Approved ☒

Not Approved ☐

By Ma A M

Columbia

MASTER CONTRACTOR

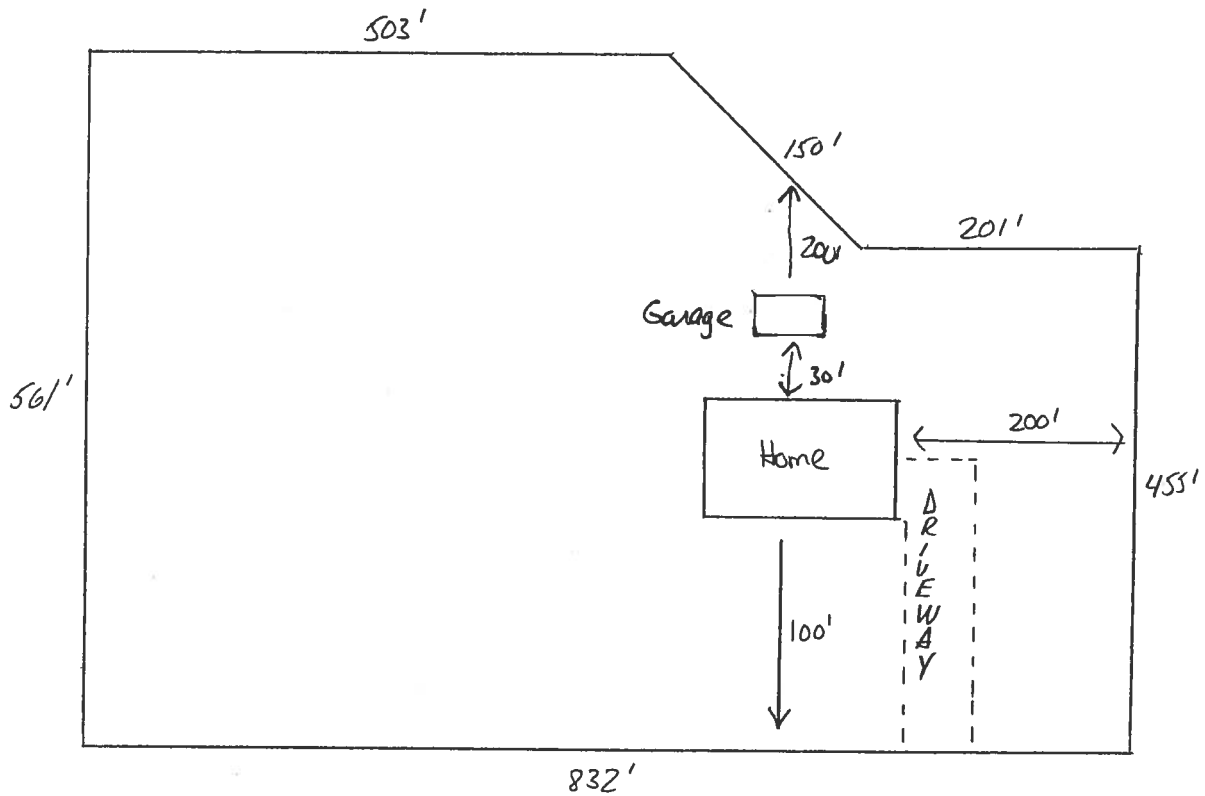
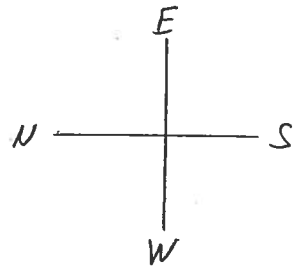
Date 3/13/04

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

CK 405

Parcel # 28-45-16-03220-011



SW Ralph Teer

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **508231NorrisRes.**
Address: **SW CR242**
City, State: **Lake City, FL**
Owner: **Ralph & Carolyn Norris**
Climate Zone: **North**

Builder:
Permitting Office: **COLUMBIA**
Permit Number: **24352**
Jurisdiction Number: **221006**

1. New construction or existing	New	___	12. Cooling systems		
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 48.0 kBtu/hr	___
3. Number of units, if multi-family	1	___		SEER: 11.00	___
4. Number of Bedrooms	3	___	b. N/A		___
5. Is this a worst case?	Yes	___	c. N/A		___
6. Conditioned floor area (ft²)	2233 ft²	___	13. Heating systems		
7. Glass area & type	Single Pane	Double Pane	a. Electric Heat Pump	Cap: 48.0 kBtu/hr	___
a. Clear glass, default U-factor	0.0 ft²	307.0 ft²		HSPF: 7.30	___
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, 238.0(p) ft	___	a. Electric Resistance	Cap: 40.0 gallons	___
b. N/A		___		EF: 0.88	___
c. N/A		___	b. N/A		___
9. Wall types			c. Conservation credits		___
a. Face Brick, Wood, Exterior	R=13.0, 1504.0 ft²	___	(HR-Heat recovery, Solar		___
b. Frame, Wood, Adjacent	R=13.0, 322.0 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, 2344.0 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, 280.0 ft	___			___
b. N/A		___			___

Glass/Floor Area: 0.14

Total as-built points: 31267

Total base points: 31862

PASS

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

PREPARED BY: Evan James Beamsley

DATE: 9/9/05

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: SW CR242, Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area											
				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	2233.0	20.04	8054.9	Double, Clear	SE	1.5	6.0	16.0	42.75	0.88	604.3
				Double, Clear	SE	13.5	8.5	26.0	42.75	0.43	472.5
				Double, Clear	SE	13.5	8.5	20.0	42.75	0.43	363.5
				Double, Clear	E	25.0	7.0	15.0	42.06	0.36	225.1
				Double, Clear	SE	11.8	7.0	20.0	42.75	0.42	356.0
				Double, Clear	S	99.0	7.0	15.0	35.87	0.43	232.4
				Double, Clear	NW	1.5	7.0	15.0	25.97	0.95	369.0
				Double, Clear	NW	0.0	0.0	90.0	25.97	1.00	2337.7
				Double, Clear	NW	6.5	10.0	20.0	25.97	0.72	375.8
				Double, Clear	NW	0.0	0.0	40.0	25.97	1.00	1039.0
				Double, Clear	NE	1.5	8.0	24.0	29.56	0.96	682.1
				Double, Clear	NE	1.5	5.0	6.0	29.56	0.89	157.2
				As-Built Total:			307.0			7214.5	
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	322.0	0.70	225.4	Face Brick, Wood, Exterior			13.0	1504.0	0.35		526.4
Exterior	1504.0	1.70	2556.8	Frame, Wood, Adjacent			13.0	322.0	0.60		193.2
Base Total:		1826.0	2782.2	As-Built Total:			1826.0			719.6	
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	20.0	2.40	48.0	Exterior Insulated				20.0	4.10		82.0
Exterior	40.0	6.10	244.0	Adjacent Insulated				20.0	1.60		32.0
				Exterior Insulated				20.0	4.10		82.0
Base Total:		60.0	292.0	As-Built Total:			60.0			196.0	
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	2233.0	1.73	3863.1	Under Attic			30.0	2344.0	1.73 X 1.00		4055.1
Base Total:		2233.0	3863.1	As-Built Total:			2344.0			4055.1	
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Slab	238.0(p)	-37.0	-8806.0	Slab-On-Grade Edge Insulation			0.0	238.0(p)	-41.20		-9805.6
Raised	0.0	0.00	0.0								
Base Total:			-8806.0	As-Built Total:			238.0			-9805.6	

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**ADDRESS: **SW CR242, Lake City, FL,**

PERMIT #:

BASE				AS-BUILT				
INFILTRATION	Area X BSPM = Points				Area X SPM = Points			
	2233.0 10.21 22798.9				2233.0 10.21 22798.9			
Summer Base Points: 28985.1				Summer As-Built Points: 25178.6				
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier = Cooling Points
						(DM x DSM x AHU)		
28985.1	0.4266		12365.0	25178.6	1.00	1.250	0.310	1.000 9767.1

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: SW CR242, Lake City, FL,

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	2233.0	12.74	5120.7	Double, Clear	SE	1.5	6.0	16.0	14.71	1.10	257.9
				Double, Clear	SE	13.5	8.5	26.0	14.71	2.33	892.2
				Double, Clear	SE	13.5	8.5	20.0	14.71	2.33	686.3
				Double, Clear	E	25.0	7.0	15.0	18.79	1.51	424.8
				Double, Clear	SE	11.8	7.0	20.0	14.71	2.39	703.0
				Double, Clear	S	99.0	7.0	15.0	13.30	3.66	730.0
				Double, Clear	NW	1.5	7.0	15.0	24.30	1.00	365.1
				Double, Clear	NW	0.0	0.0	90.0	24.30	1.00	2186.7
				Double, Clear	NW	6.5	10.0	20.0	24.30	1.02	494.6
				Double, Clear	NW	0.0	0.0	40.0	24.30	1.00	971.8
				Double, Clear	NE	1.5	8.0	24.0	23.57	1.00	566.7
				Double, Clear	NE	1.5	5.0	6.0	23.57	1.01	142.8
				As-Built Total:		307.0			8421.9		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	322.0	3.60	1159.2	Face Brick, Wood, Exterior	13.0		1504.0	3.17		4775.2	
Exterior	1504.0	3.70	5564.8	Frame, Wood, Adjacent	13.0		322.0	3.30		1062.6	
Base Total: 1826.0 6724.0				As-Built Total:		1826.0			5837.8		
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	20.0	11.50	230.0	Exterior Insulated			20.0	8.40		168.0	
Exterior	40.0	12.30	492.0	Adjacent Insulated			20.0	8.00		160.0	
				Exterior Insulated			20.0	8.40		168.0	
Base Total: 60.0 722.0				As-Built Total:		60.0			496.0		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2233.0	2.05	4577.6	Under Attic	30.0		2344.0	2.05 X 1.00		4805.2	
Base Total: 2233.0 4577.6				As-Built Total:		2344.0			4805.2		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	238.0(p)	8.9	2118.2	Slab-On-Grade Edge Insulation	0.0		238.0(p)	18.80		4474.4	
Raised	0.0	0.00	0.0								
Base Total: 2118.2				As-Built Total:		238.0			4474.4		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: SW CR242, Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2233.0 -0.59 -1317.5				2233.0 -0.59 -1317.5					
Winter Base Points:		17945.1		Winter As-Built Points:			22717.8		
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)					
17945.1	0.6274	11258.8		22717.8	1.000	(1.069 x 1.169 x 1.00)	0.467	1.000	13261.4
				22717.8	1.00	1.250	0.467	1.000	13261.4

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: SW CR242, Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CH
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	CHE
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* = 83.4

The higher the score, the more efficient the home.

Ralph & Carolyn Norris, SW CR242, Lake City, FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 48.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 11.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	2233 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft ²	307.0 ft ²	a. Electric Heat Pump	Cap: 48.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft ²	0.0 ft ²		HSPF: 7.30
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, 238.0(p) ft	___		___
b. N/A	___	___	14. Hot water systems	
c. N/A	___	___	a. Electric Resistance	Cap: 40.0 gallons
9. Wall types				EF: 0.88
a. Face Brick, Wood, Exterior	R=13.0, 1504.0 ft ²	___	b. N/A	___
b. Frame, Wood, Adjacent	R=13.0, 322.0 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, 2344.0 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, 280.0 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: FLR2PB v3.4)

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: SW CR242, Lake City, FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
3		2746.00		8238.0	40.0	0.88	3		1.00	2746.00 1.00 8238.0
					As-Built Total:					8238.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
12365		11259		8238 31862	9767		13261		8238 31267

PASS

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4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

REPORT ON IN-PLACE DENSITY TESTS

Permit # 000024352

CLIENT: Richardson site Prep

PROJECT: Ralph Norris Res
319 S.W. RALPH TERR

AREA TESTED: fill & prop Bldg. PAD

COURSE: _____

TYPE OF TEST: D-2922

DEPTH OF TEST: 0-1'

DATE TESTED: 4/21/66

NOTE: The below tests ~~DO/DO NOT~~ meet the minimum 95 % compaction requirements of maximum density.

REMARKS:

[illegible]

TECH. 414

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 28-4S-16-03220-011

Building permit No. 000024352

Use Classification SFD/UTILITY

Fire: 107.90

Permit Holder HUGO ESCALANTE

Waste: 167.50

Owner of Building RALPH & CAROLYN NORRIS

Total: 275.40

Location: 319 SW RALPH TERR., LAKE CITY, FL

Date: 12/11/2006



Fanny Bickel

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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

Reference to a building permit application Number: **0603-85**

Hugo Escalante owner Ralph Norris 319 SW Ralph Terrace

On the date of March 27, 2006 application 0603-85 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 0603-85 when making reference to this application.

1. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system.
2. In the master bathroom tub area please verify compliance 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.
3. Please show compliance with the FRC-2004 sections R309 Garage: R309.1
A: Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage

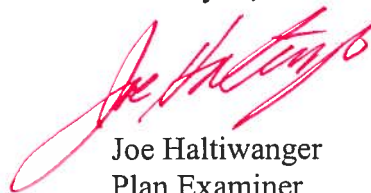
and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors.

B: R309.1.1 Duct penetration. Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage.

C: R309.2 Separation required. The garage shall be separated from the residence and its attic area by not less than 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2-inch (12.7 mm) gypsum board or equivalent.

4. Please submit a letter from the potable water well contractor which will describe the equipment to be used to supply potable water to this dwelling. Include the size of pump motor, size of pressure tank and cycle stop valve if used.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department

Project Information for: L151023
 Builder: HUGO ESCALANTE Date: 2/21/2006
 Lot: N/A Start Number: 1039
 Subdivision: 01 SW CR 242
 County or City: COLUMBIA COUNTY
 Truss Page Count: 38

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)

Address: ESCALANTE, HUGO CRC 1326967
 P.O. BOX 280
 FORT WHITE, FL. 32038 Designer: 33

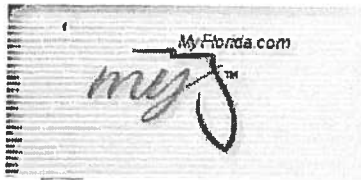
Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987
 Company: Structural Engineering and Inspections, Inc. EB 9196
 Address: 16105 N. Florida Ave, Ste B, Lutz, FL 33549

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	0221061039	2/21/2006				
2	CJ3	0221061040	2/21/2006				
3	CJ5	0221061041	2/21/2006				
4	EJ7	0221061042	2/21/2006				
5	EJ7A	0221061043	2/21/2006				
6	HJ9	0221061044	2/21/2006				
7	PB1	0221061045	2/21/2006				
8	T01	0221061046	2/21/2006				
9	T01G	0221061047	2/21/2006				
10	T01T	0221061048	2/21/2006				
11	T02	0221061049	2/21/2006				
12	T02G	0221061050	2/21/2006				
13	T03	0221061051	2/21/2006				
14	T03A	0221061052	2/21/2006				
15	T03G	0221061053	2/21/2006				
16	T03T	0221061054	2/21/2006				
17	T04	0221061055	2/21/2006				
18	T05	0221061056	2/21/2006				
19	T06	0221061057	2/21/2006				
20	T07	0221061058	2/21/2006				
21	T07A	0221061059	2/21/2006				
22	T08	0221061060	2/21/2006				
23	T09	0221061061	2/21/2006				
24	T10	0221061062	2/21/2006				
25	T11	0221061063	2/21/2006				
26	T12	0221061064	2/21/2006				
27	T13	0221061065	2/21/2006				
28	T14	0221061066	2/21/2006				
29	T15	0221061067	2/21/2006				
30	T16	0221061068	2/21/2006				
31	T17	0221061069	2/21/2006				
32	T18A	0221061070	2/21/2006				
33	T18G	0221061071	2/21/2006				
34	T18T	0221061072	2/21/2006				
35	T19	0221061073	2/21/2006				
36	T20	0221061074	2/21/2006				
37	T21	0221061075	2/21/2006				
38	T21A	0221061076	2/21/2006				

FEB 21 2006

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Licensee Details**Licensee Information**

Name: **ESCALANTE, HUGO (Primary Name)**
EWPL INC (DBA Name)
Main Address: **P.O. BOX 280**
FORT WHITE, Florida 32038

License Information

License Type: **Certified Residential Contractor**
Rank: **Cert Residential**
License Number: **CRC1326967**
Status: **Current, Active**
Licensure Date: **11/24/2003**
Expires: **08/31/2006**

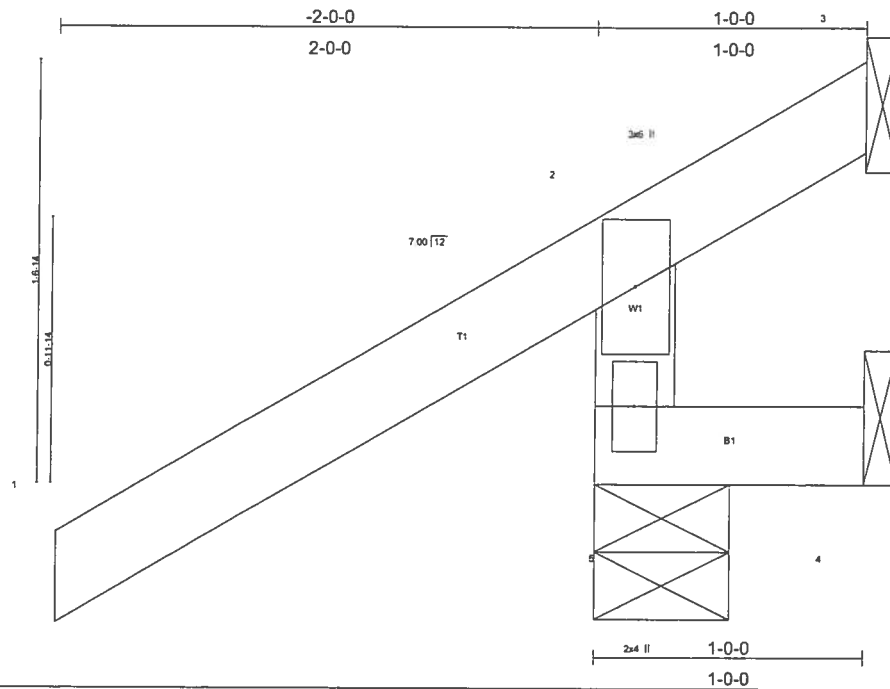
Special Qualifications	Effective Date
Qualified Business License Required	11/24/2003

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Job L151023	Truss CJ1	Truss Type JACK	Qty 8	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:21 2006 Page 1		



Scale = 1/2"

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2'-0"	TC 0.30	Vert(LL) 0.00	5	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.05	Vert(TL) 0.00	5	>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/TP12002							
							Weight: 8 lb	

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

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

REACTIONS (lb/size) 5=299/0-6-0, 4=-21/Mechanical, 3=-91/Mechanical
 Max Horz 5=103(load case 5)
 Max Uplift 5=-248(load case 5), 4=-21(load case 1), 3=-91(load case 1)
 Max Grav 5=299(load case 1), 4=3(load case 3), 3=99(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 2-5=-253/292, 1-2=0/58, 2-3=-69/58
 BOT CHORD 4-5=0/0

NOTES

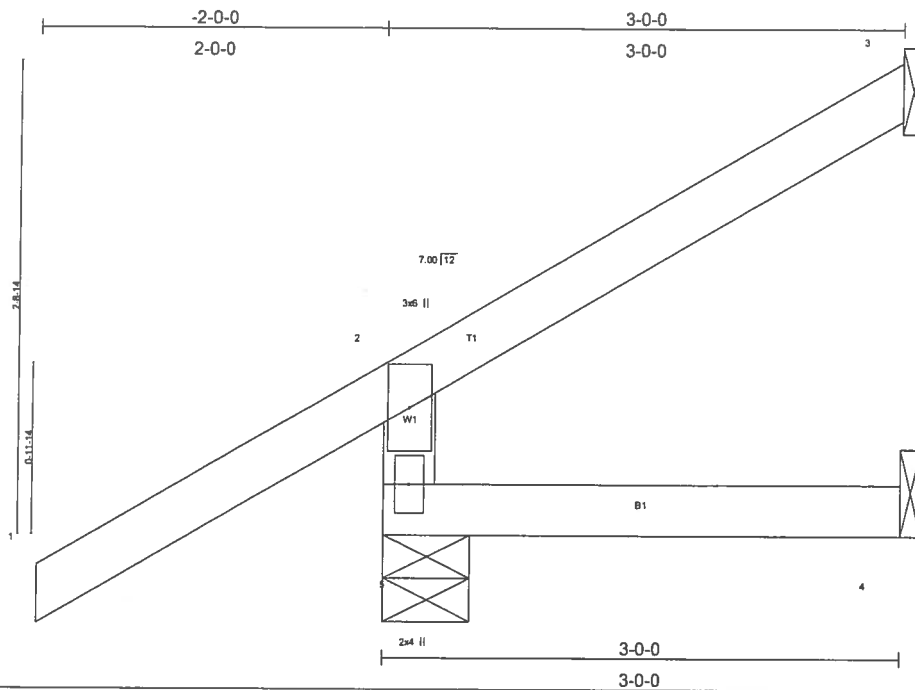
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 248 lb uplift at joint 5, 21 lb uplift at joint 4 and 91 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L151023	Truss CJ3	Truss Type JACK	Qty 8	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
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Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 M/Tek Industries, Inc. Mon Feb 20 15:50:23 2006 Page 1



Scale = 1/12 B

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.37	Vert(LL) -0.00	5	>999	240		MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.07	Vert(TL) -0.00	4-5	>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: 14 lb

LUMBER

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

BRACING

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

REACTIONS (lb/size) 5=278/0-6-0, 3=44/Mechanical, 4=29/Mechanical

Max Horz 5=174(load case 5)

Max Uplift 5=-163(load case 5), 3=-48(load case 5), 4=-2(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 2-5=-223/206, 1-2=0/58, 2-3=-54/15

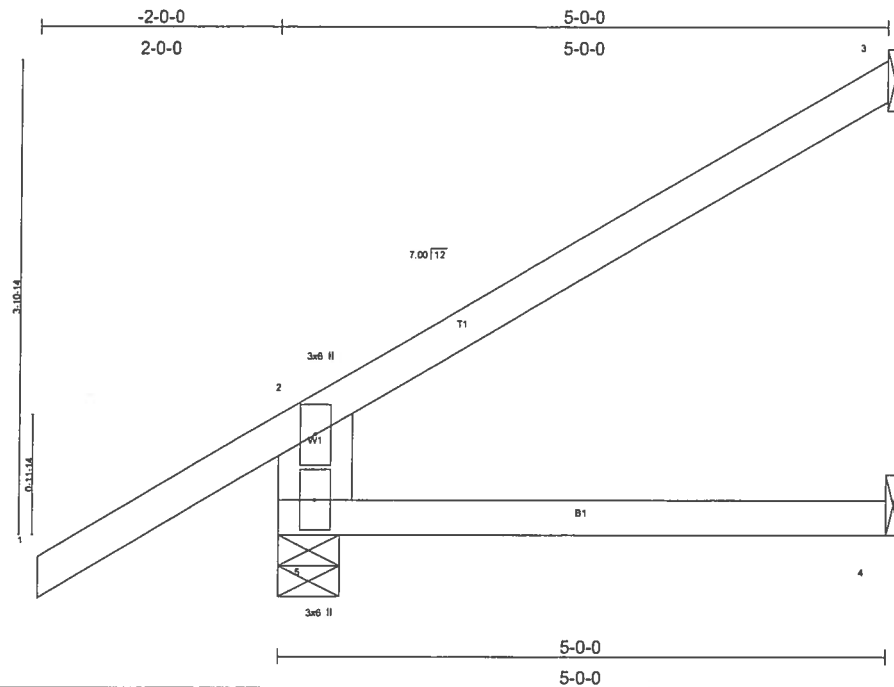
BOT CHORD 4-5=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 163 lb uplift at joint 5, 48 lb uplift at joint 3 and 2 lb uplift at joint 4.

LOAD CASE(S) Standard

Job #	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE-NORRIS RES.
L151023	CJ5	JACK	8	1	
					Job Reference (optional)
Builders FirstSource, Lake City, FL 32055					6.2006 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:24 2006 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl l/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.34	Vert(LL) 0.02 4-5 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.12	Vert(TL) -0.03 4-5 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.02 3 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)		Weight: 22 lb	

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

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

REACTIONS (lb/size) 5=350/0-6-0, 3=102/Mechanical, 4=62/Mechanical
Max Horz 5=231(load case 5)
Max Uplift5=-171(load case 5), 3=-104(load case 5), 4=-3(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-5=-273/231, 1-2=0/63, 2-3=-78/39
BOT CHORD 4-5=0/0

NOTES

Notes: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) Refer to girder(s) for truss to truss connections.

3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 171 lb uplift at joint 5, 104 lb uplift at joint 3 and 3 lb uplift at joint 4.

LOAD CASE(S) Standard

**FEBRUARY 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE-NORRIS RES.
L151023	EJ7	MONO TRUSS	17	1	Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:26 2006 Page 1		

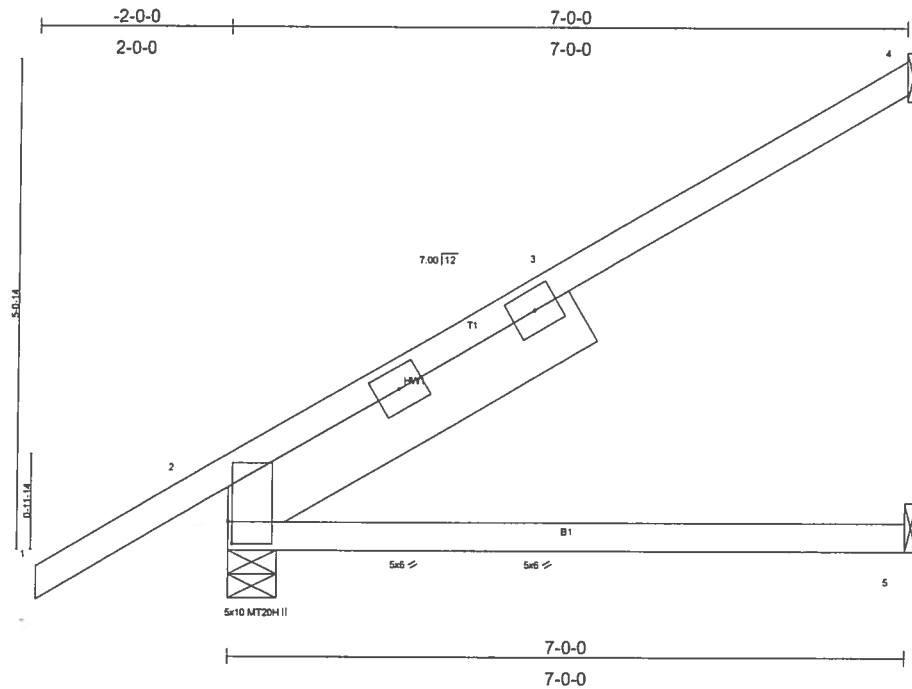


Plate Offsets (X,Y): [2:0-2-12,0-0-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/def L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.54	Vert(LL) -0.10 2-5 >805 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.29	Vert(TL) -0.17 2-5 >485 180	MT20H	187/143
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) 0.04 4 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			Weight: 39 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
SLIDER Left 2 X 8 SYP No.1D 4-2-13

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=180/Mechanical, 2=415/0-6-0, 5=96/Mechanical
Max Horz 2=249(load case 5)
Max Uplift 4=-167(load case 5), 2=-166(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/26, 2-3=120/11, 3-4=104/70
BOT CHORD 2-5=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 167 lb uplift at joint 4 and 166 lb uplift at joint 2.

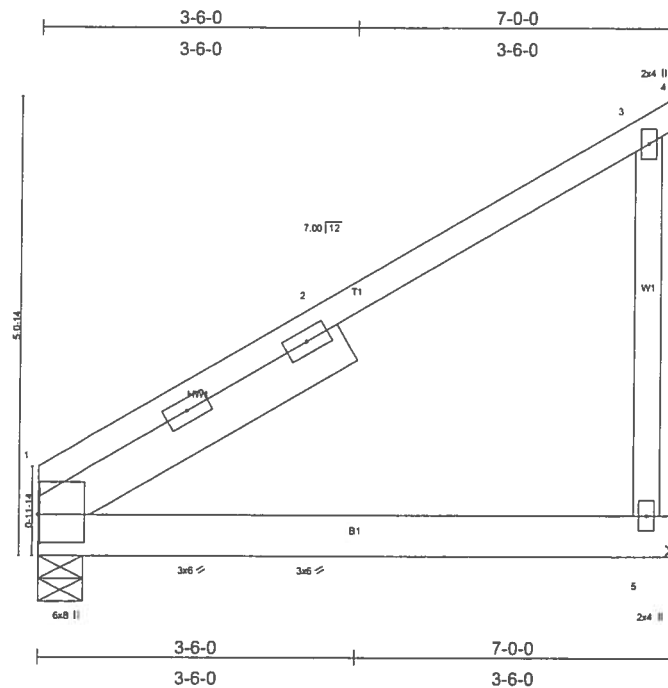
LOAD CASE(S) Standard

**FEBRUARY 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L151023	Truss EJ7A	Truss Type MONO TRUSS	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
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Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:27 2006 Page 1



Scale = 1/24

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

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.86	Vert(LL) -0.19	1-5	>418	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.94	Vert(TL) -0.31	1-5	>261	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.09	Horz(TL) 0.00		n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 44 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.1D
 BOT CHORD 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 6 SYP No.1D 3-10-12

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 3-7-2 oc bracing.

REACTIONS

(lb/size) 1=1092/0-6-0, 5=1096/Mechanical
 Max Horz 1=214(load case 4)
 Max Uplift 1=-349(load case 4), 5=-507(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-131/0, 2-3=-116/107, 3-4=-2/0
 BOT CHORD 1-5=0/0
 WEBS 3-5=-255/199

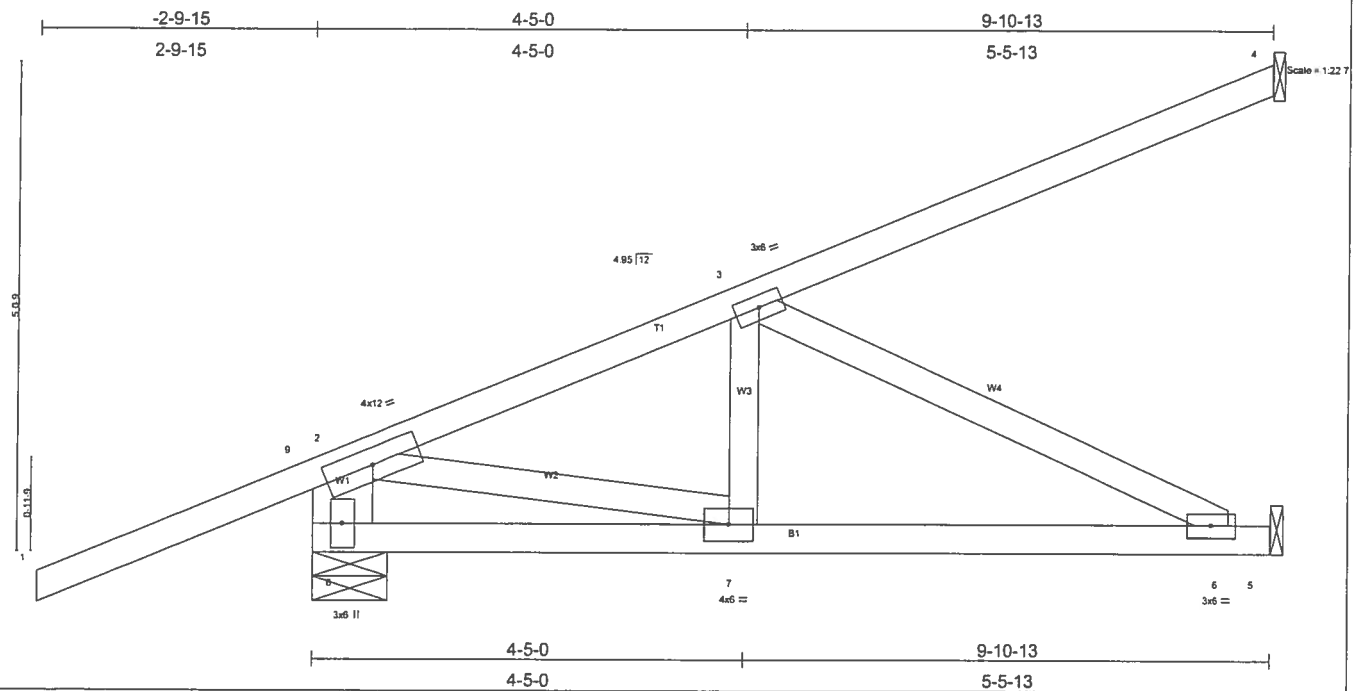
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 349 lb uplift at joint 1 and 507 lb uplift at joint 5.
- 4) Girder carries tie-in span(s): 14-0-0 from 0-0-0 to 7-0-0
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-4=-14, 1-5=-271(F=241)

Job L151023	Truss HJ9	Truss Type MONO TRUSS	Qty 4	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:28 2006 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.56	Vert(LL) -0.09 6-7 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.52	Vert(TL) -0.15 6-7 >786 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.34	Horz(TL) -0.01 4 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			
				Weight: 54 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 8 SYP No.1D

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

REACTIONS (lb/size) 8=524/0-9-4, 4=257/Mechanical, 5=383/Mechanical
Max Horz 8=335(load case 4)
Max Uplift 8=-232(load case 4), 4=-237(load case 4), 5=-102(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-8=-533/228, 1-9=0/58, 2-9=0/58, 2-3=-573/47, 3-4=-121/71
BOT CHORD 7-8=-335/126, 6-7=-286/532, 5-6=0/0
WEBS 2-7=-410/882, 3-7=0/113, 3-6=-592/319

NOTES

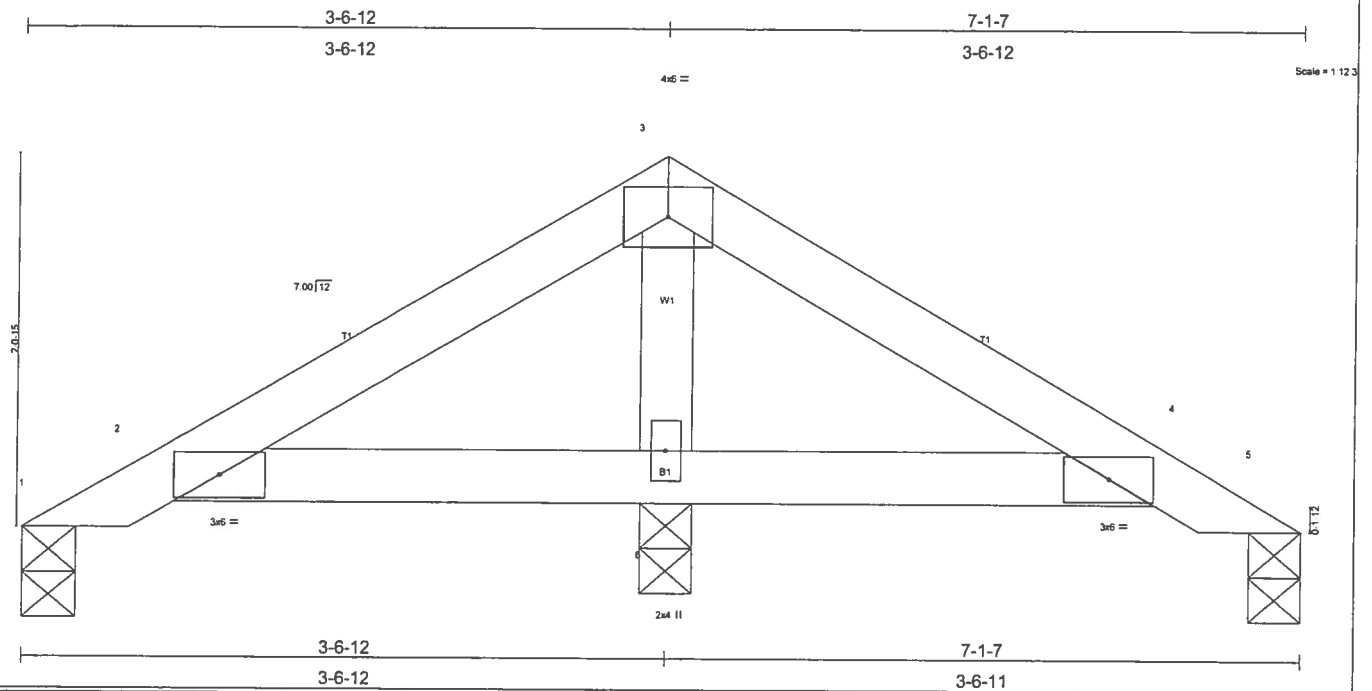
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDF=4.2psf, BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 232 lb uplift at joint B, 237 lb uplift at joint 4 and 102 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: 1-9=-54
Trapezoidal Loads (plf)
Vert: 9=-0(F=27, B=27)-to-2=-4(F=25, B=25), 2=-4(F=25, B=25)-to-4=-134(F=40, B=40), 8=-0(F=15, B=15)-to-5=-74(F=22, B=22)

FEBRUARY 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L151023	Truss PB1	Truss Type PIGGYBACK	Qty 12	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:29 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.10	Vert(LL) 0.01	2-6	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.10	Vert(TL) -0.01	2-6	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.05	Horz(TL) 0.00	5	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 22 lb	

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

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

REACTIONS (lb/size) 1=44/0-3-8, 5=44/0-3-8, 6=460/0-3-8
 Max Horz 1=-69(load case 3)
 Max Uplift 1=-19(load case 5), 5=-34(load case 3), 6=-146(load case 5)
 Max Grav 1=65(load case 9), 5=65(load case 10), 6=460(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-58/63, 2-3=-63/194, 3-4=-63/194, 4-5=-29/21
 BOT CHORD 2-6=-127/105, 4-6=-127/105
 WEBS 3-6=-332/188

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 1, 34 lb uplift at joint 5 and 146 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L151023	Truss T01	Truss Type COMMON	Qty 2	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:30 2006 Page 1		

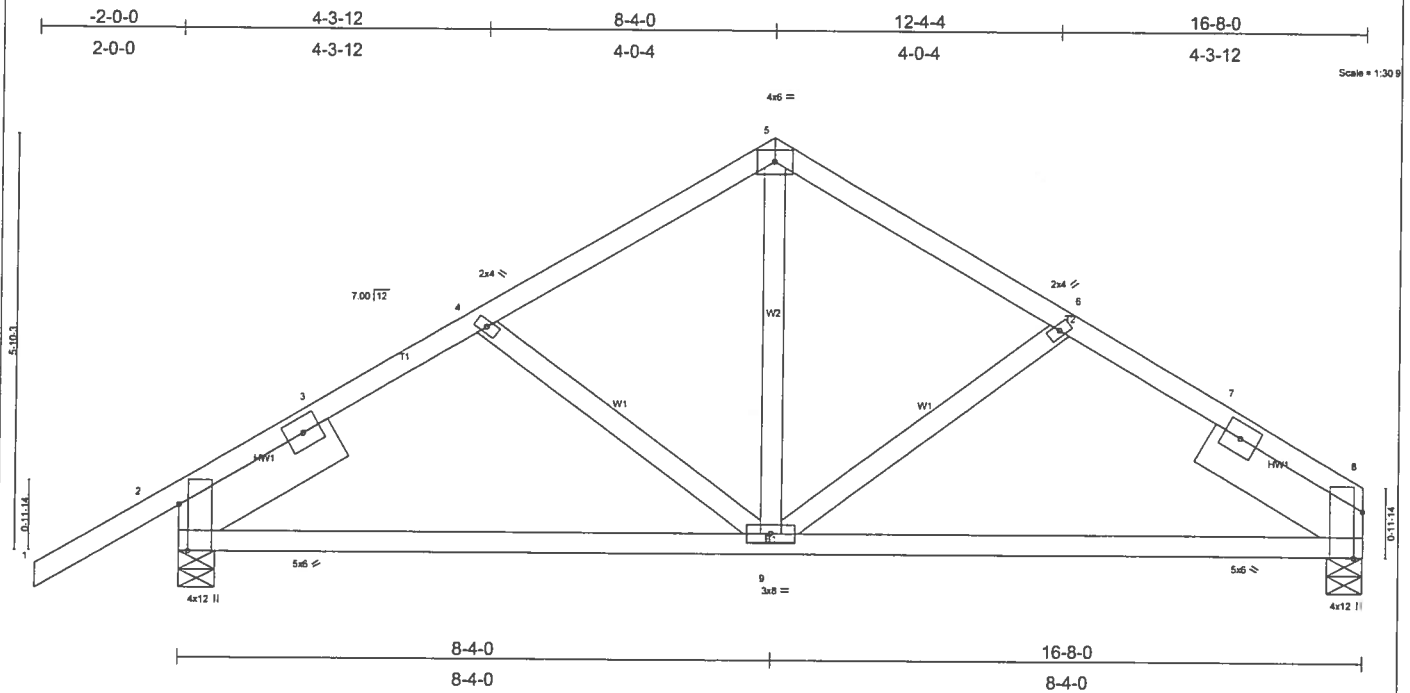


Plate Offsets (X,Y): [2:0-7-13,Edge], [8:0-7-13,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.20	Vert(LL)	-0.07	8-9	>999	240	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.36	Vert(TL)	-0.11	8-9	>999	180	
BCLL 10.0	Lumber Increase 1.25	WB 0.13	Horz(TL)	0.02	8	n/a	n/a	
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TP12002							
Weight: 96 lb								

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 2-7-3, Right 2 X 8 SYP No.1D 2-7-3

BRACING

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

REACTIONS

(lb/size) 8=694/0-6-0, 2=814/0-6-0
 Max Horz 2=204(load case 4)
 Max Uplift 8=-220(load case 6), 2=-342(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/26, 2-3=-875/310, 3-4=-803/324, 4-5=-690/292, 5-6=-703/293, 6-7=-815/338, 7-8=-882/323
 BOT CHORD 2-9=-207/656, 8-9=-188/676
 WEBS 4-9=-145/156, 5-9=-122/397, 6-9=-170/184

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 220 lb uplift at joint 8 and 342 lb uplift at joint 2.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE-NORRIS RES.
L151023	T01G	COMMON	1	1	
Builders FirstSource, Lake City, Fl 32055					Job Reference (optional)

6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:31 2006 Page 1

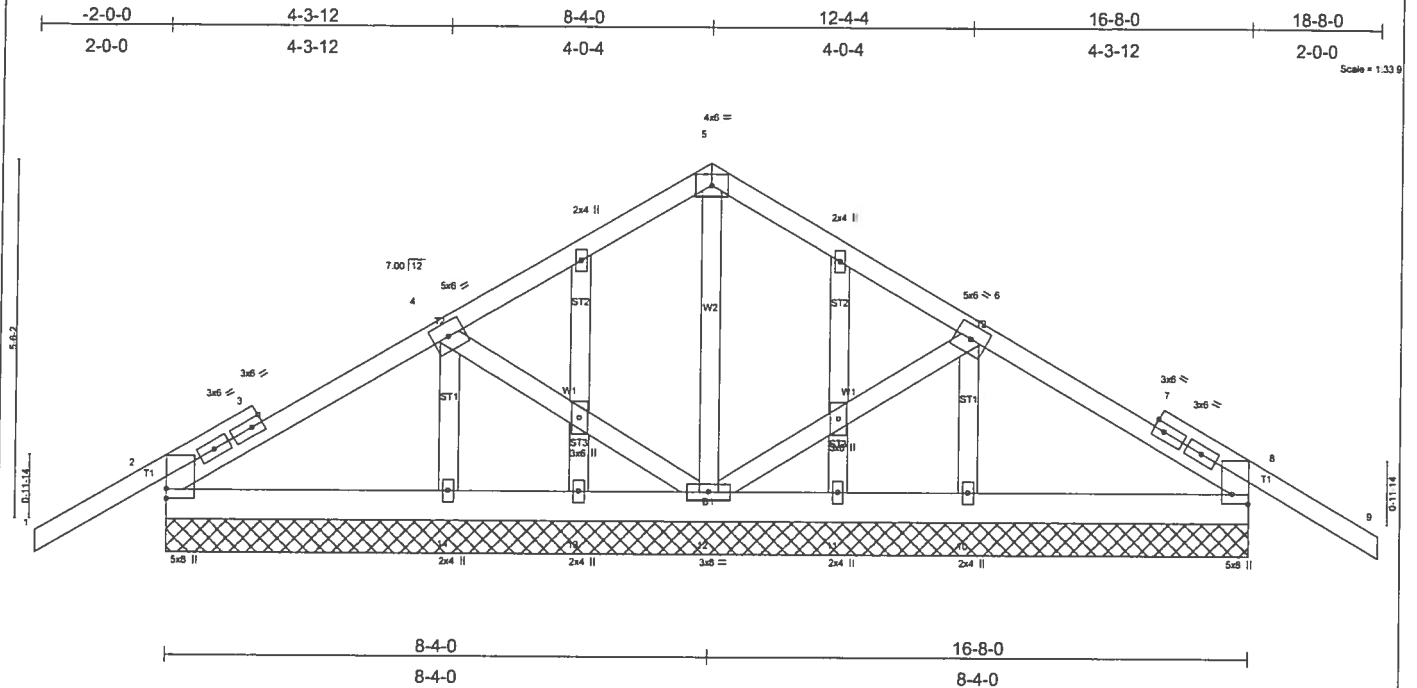


Plate Offsets (X,Y): [2:Edge,0-0-0], [8:Edge,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.37	Vert(LL)	-0.03	9	n/r	120	
TCDL 7.0	Lumber Increase	1.25	BC 0.05	Vert(TL)	-0.04	9	n/r	90	
BCCL 10.0	Rep Stress Incr	NO	WB 0.19	Horz(TL)	0.00	8	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 118 lb

LUMBER

TOP CHORD 2 X 4 SYP No.1D *Except*
T1 2 X 4 SYP No.2, T1 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING

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

REACTIONS

(lb/size) 2=581/16-8-0, 8=581/16-8-0, 12=836/16-8-0, 13=33/16-8-0, 14=117/16-8-0, 11=33/16-8-0, 10=117/16-8-0
Max Horz 2=181(load case 4)
Max Uplift 2=315(load case 5), 8=328(load case 6), 12=375(load case 5), 13=3(load case 3), 11=-1(load case 4)
Max Grav 2=592(load case 9), 8=592(load case 10), 12=836(load case 1), 13=35(load case 9), 14=124(load case 10), 11=35(load case 10), 10=124(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-2/48, 2-3=-418/154, 3-4=-237/144, 4-5=-67/131, 5-6=-67/131, 6-7=-236/158, 7-8=-418/170, 8-9=-2/48
BOT CHORD 2-14=-155/258, 13-14=-155/258, 12-13=-155/258, 11-12=-35/258, 10-11=-35/258, 8-10=-35/258
WEBS 4-12=-334/248, 5-12=-413/166, 6-12=-334/247

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left 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.
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 315 lb uplift at joint 2, 328 lb uplift at joint 8, 375 lb uplift at joint 12, 3 lb uplift at joint 13 and 1 lb uplift at joint 11.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-87(F=-33), 5-9=-87(F=-33), 2-8=-30

Job	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE-NORRIS RES.
L151023	T01T	SPECIAL	6	1	
Builders FirstSource, Lake City, FL 32055					
6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:33 2006 Page 1					

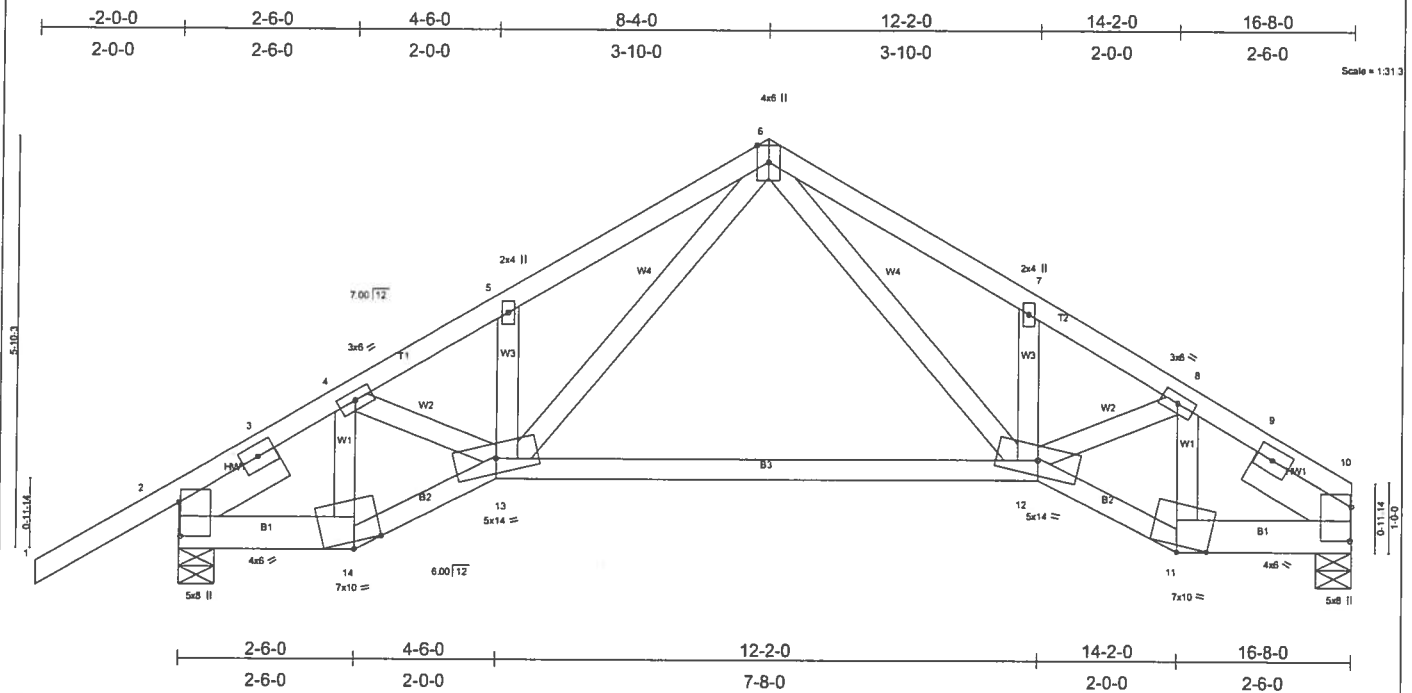


Plate Offsets (X,Y): [2:0-5-13,0-0-4], [10:0-5-13,0-0-4]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.20	Vert(LL) -0.09 12-13	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.33	Vert(TL) -0.16 12-13	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.20	Horz(TL) 0.04 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)					
Weight: 105 lb							

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 B1 2 X 6 SYP No.1D, B1 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 6 SYP No.1D 1-7-13, Right 2 X 6 SYP No.1D 1-7-13

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-7-11 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 10=694/0-6-0, 2=814/0-6-0

Max Horz 2=203(load case 4)
 Max Uplift 10=220(load case 6), 2=342(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/30, 2-3=856/274, 3-4=802/279, 4-5=1180/372, 5-6=1208/467, 6-7=1230/493, 7-8=1203/400, 8-9=841/326, 9-10=889/319
 BOT CHORD 2-14=197/628, 13-14=203/700, 12-13=111/630, 11-12=209/746, 10-11=200/671
 WEBS 4-14=355/108, 4-13=78/447, 5-13=182/173, 6-13=236/601, 6-12=249/631, 7-12=178/169, 8-12=46/421, 8-11=353/91

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 220 lb uplift at joint 10 and 342 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L151023	Truss T02	Truss Type COMMON	Qty 2	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:34 2006 Page 1

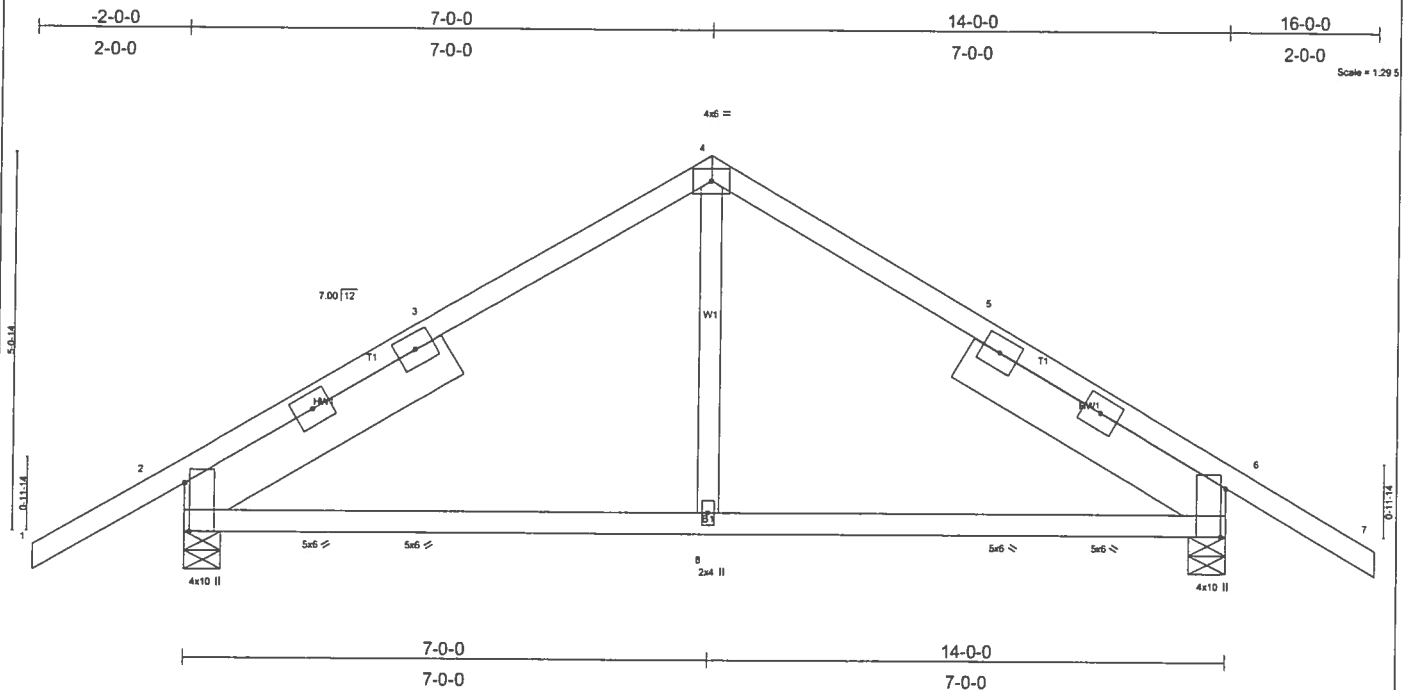


Plate Offsets (X,Y): [2'-0"-7'-13" Edge], [6'-0"-7'-13" Edge]

LOADING (psf)	SPACING	2'-0"	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.23	Vert(LL)	-0.06	6-8	>999	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.27	Vert(TL)	-0.08	6-8	>999	180	244/190
BCLL 10.0	Rep Stress Incr	YES	WB 0.07	Horz(TL)	0.01	6	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 84 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 4-1-12, Right 2 X 8 SYP No.1D 4-1-12

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

REACTIONS (lb/size) 2=696/0-6-0, 6=696/0-6-0
 Max Horz 2=168(load case 3)
 Max Uplift 2=304(load case 5), 6=304(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=654/215, 3-4=-549/233, 4-5=-549/233, 5-6=654/215, 6-7=0/26
 BOT CHORD 2-8=-73/474, 6-8=-73/474
 WEBS 4-8=0/226

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 304 lb uplift at joint 2 and 304 lb uplift at joint 6.

LOAD CASE(S) Standard

Job #	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE-NORRIS RES.
L151023	T02G	COMMON	1	1	Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:35 2006 Page 1		

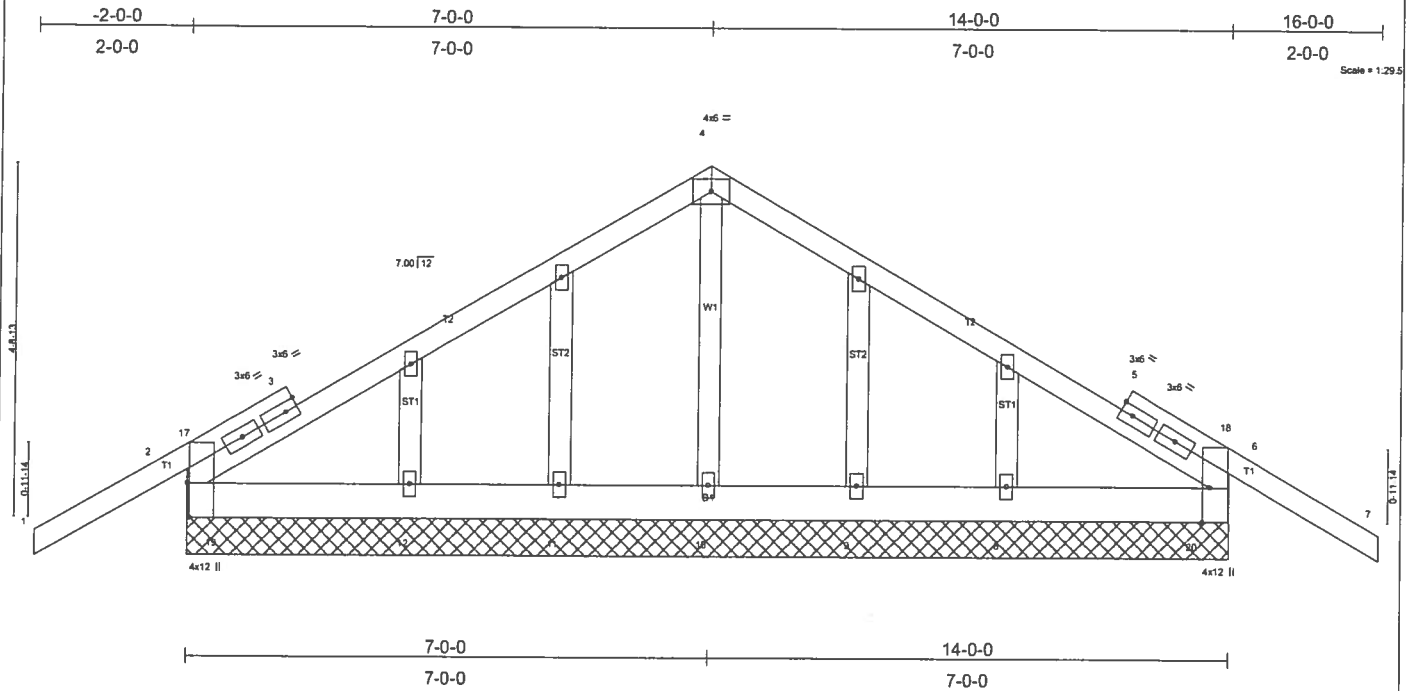


Plate Offsets (X,Y): [2:0-5-8,Edge], [6:0-5-8,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.44	Vert(LL)	-0.01	7	n/r	120	
TCDL 7.0	Lumber Increase	1.25	BC 0.22	Vert(TL)	-0.01	7	n/r	90	
BCLL 10.0	Rep Stress Incr	NO	WB 0.06	Horz(TL)	0.00	6	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
									Weight: 88 lb

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

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

REACTIONS (lb/size) 2=601/14-0-0, 6=601/14-0-0, 10=274/14-0-0, 11=-19/14-0-0, 12=250/14-0-0, 9=-19/14-0-0, 8=250/14-0-0
 Max Horz 2=-154(load case 3)
 Max Uplift 2=-349(load case 5), 6=-360(load case 6), 10=-30(load case 5), 11=-31(load case 9), 12=-132(load case 4), 9=-31(load case 10), 8=-128(load case 3)
 Max Grav 2=601(load case 1), 6=601(load case 1), 10=274(load case 1), 11=69(load case 5), 12=287(load case 9), 9=68(load case 6), 8=287(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2/48, 2-17=-560/306, 3-17=-549/305, 3-4=-372/286, 4-5=-372/286, 5-18=-549/305, 6-18=-560/306, 6-7=-2/48
 BOT CHORD 2-19=-140/321, 12-19=-140/321, 11-12=-140/321, 10-11=-140/321, 9-10=-140/321, 8-9=-140/321, 8-20=-140/321, 6-20=-140/321
 WEBS 4-10=-174/18

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate gnp DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 4) All plates are 2x4 MT20 unless otherwise indicated.
- 5) Gable requires continuous bottom chord bearing.
- 6) Gable studs spaced at 2-0-0 oc.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 349 lb uplift at joint 2, 360 lb uplift at joint 6, 30 lb uplift at joint 10, 31 lb uplift at joint 11, 132 lb uplift at joint 12, 31 lb uplift at joint 9 and 128 lb uplift at joint 8.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Vert 1-2=-87(F=-33), 2-17=-47(F=-33), 4-17=-87(F=-33), 4-18=-87(F=-33), 6-18=-47(F=-33), 6-7=-87(F=-33), 2-19=-10, 19-20=-30, 6-20=-10

Job L151023	Truss T03	Truss Type COMMON	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mittek Industries, Inc. Mon Feb 20 15:50:36 2006 Page 1		

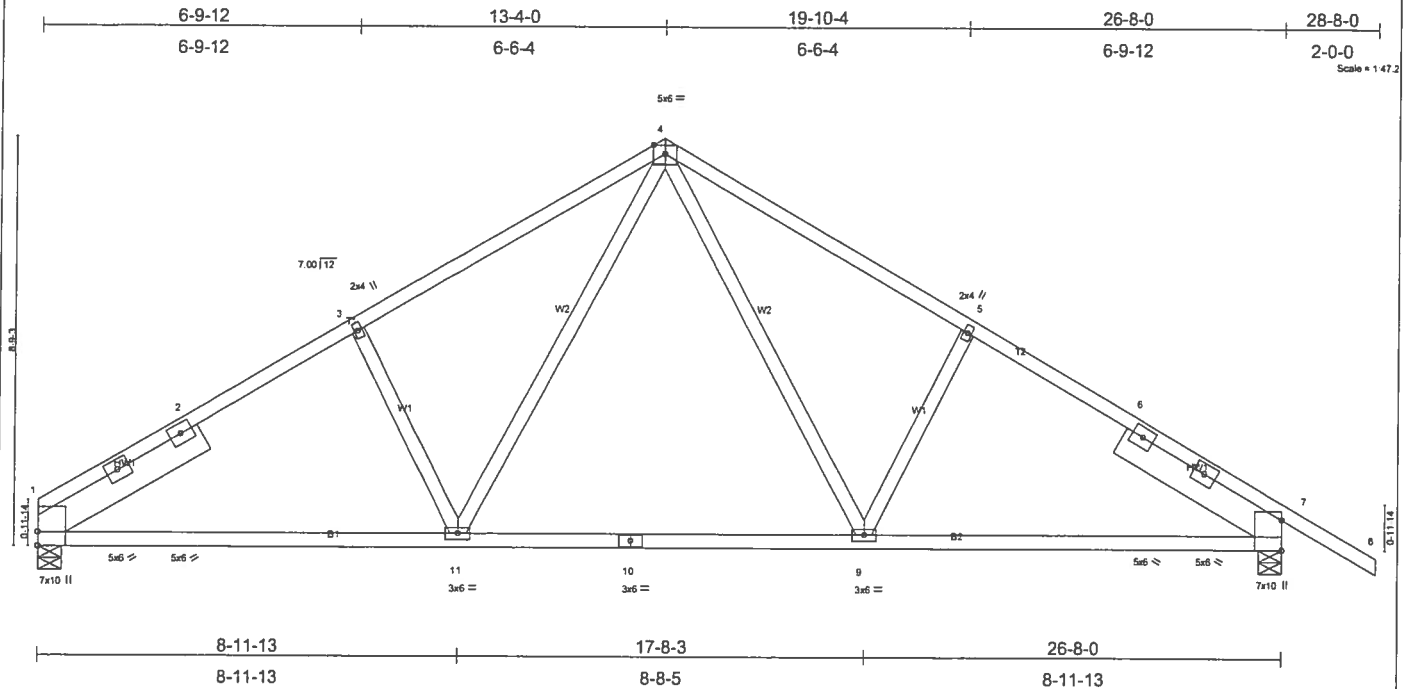


Plate Offsets (X,Y): [1:Edge,0-0-0], [7:Edge,0-0-0]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)
TCLL 20.0	Plates Increase	1.25	TC 0.33	Vert(LL)	-0.13 9-11 >999 240
TCDL 7.0	Lumber Increase	1.25	BC 0.51	Vert(TL)	-0.21 9-11 >999 180
BCLL 10.0	Rep Stress Incr	YES	WB 0.39	Horz(TL)	0.05 7 n/a n/a
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)		
			Weight: 156 lb		

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-10-10 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 9-9-9 oc bracing.
WEBS 2 X 4 SYP No.3	
SLIDER Left 2 X 8 SYP No.1D 4-0-10, Right 2 X 8 SYP No.1D 4-0-10	

REACTIONS (lb/size) 1=1116/0-6-0, 7=1232/0-6-0
 Max Horz 1=-305(load case 3)
 Max Uplift 1=-356(load case 5), 7=-474(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1573/543, 2-3=-1471/566, 3-4=-1394/614, 4-5=-1383/602, 5-6=-1461/555, 6-7=-1555/527, 7-8=0/26
 BOT CHORD 1-11=-404/1235, 10-11=-162/894, 9-10=-162/894, 7-9=-302/1220
 WEBS 3-11=-265/298, 4-11=-246/565, 4-9=-226/548, 5-9=-251/282

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 356 lb uplift at joint 1 and 474 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L151023	Truss T03A	Truss Type COMMON	Qty 1	Ply 2	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:37 2006 Page 1		

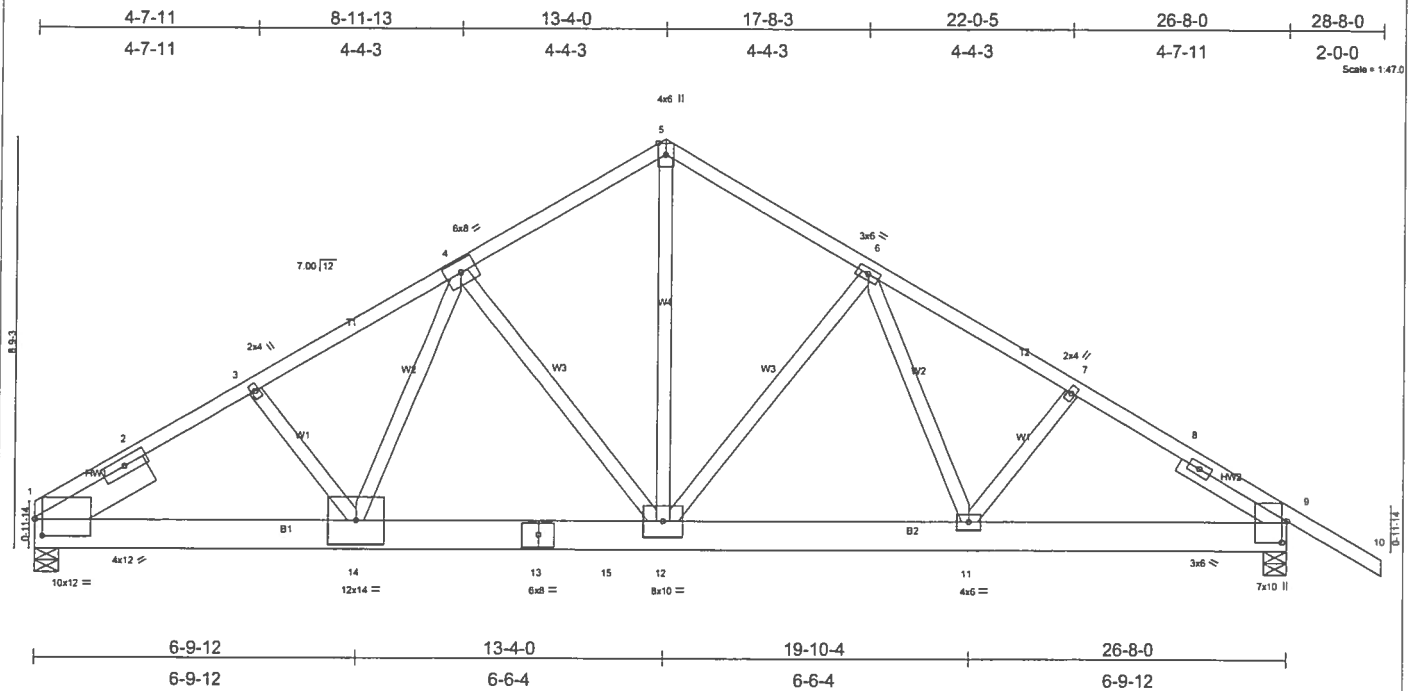


Plate Offsets (X,Y): [1:0-2-0,0-4-4], [9:0-5-9,0-1-4]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc) l/defl L/d
TCLL 20.0	Plates Increase	1.25	TC 0.93	Vert(LL) -0.19	12-14 >999 240
TCDL 7.0	Lumber Increase	1.25	BC 0.47	Vert(TL) -0.30	12-14 >999 180
BCLL 10.0	Rep Stress Incr	NO	WB 0.86	Horz(TL) 0.05	9 n/a n/a
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)		
Weight: 406 lb					

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.1D *Except*	TOP CHORD Structural wood sheathing directly applied or 2-8-1 oc purlins.
T2 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
BOT CHORD 2 X 8 SYP 2400F 2.0E	
WEBS 2 X 4 SYP No.3	
SLIDER Left 2 X 8 SYP No.1D 2-7-10, Right 2 X 4 SYP No.3 2-7-10	

REACTIONS (lb/size) 1=8117/0-6-0, 9=3301/0-6-0
 Max Horz 1=-303(load case 2)
 Max Uplift 1=-3098(load case 4), 9=-1285(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-9928/3759, 2-3=-9908/3799, 3-4=-9861/3817, 4-5=-5156/2032, 5-6=-5153/2036, 6-7=-4879/1846, 7-8=-4943/1832, 8-9=-5002/1820, 9-10=0/33
 BOT CHORD 1-14=-3204/8335, 13-14=-2458/6625, 13-15=-2458/6625, 12-15=-2458/6625, 11-12=-1501/4368, 9-11=-1419/4123
 WEBS 3-14=-210/426, 4-14=-2097/5384, 4-12=-3717/1571, 5-12=-1902/4901, 6-12=-287/266, 6-11=-548/369, 7-11=-137/237

NOTES
 1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 3) Unbalanced roof live loads have been considered for this design.
 4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 5) The following joint(s) require plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection: 1.
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 3098 lb uplift at joint 1 and 1285 lb uplift at joint 9.
 7) Girder carries tie-in span(s): 38-0-0 from 0-0-0 to 12-2-0

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-5=-54, 5-10=-54, 1-15=-775(F=-746), 9-15=-30

Job L151023	Truss T03G	Truss Type COMMON	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:39 2006 Page 1		

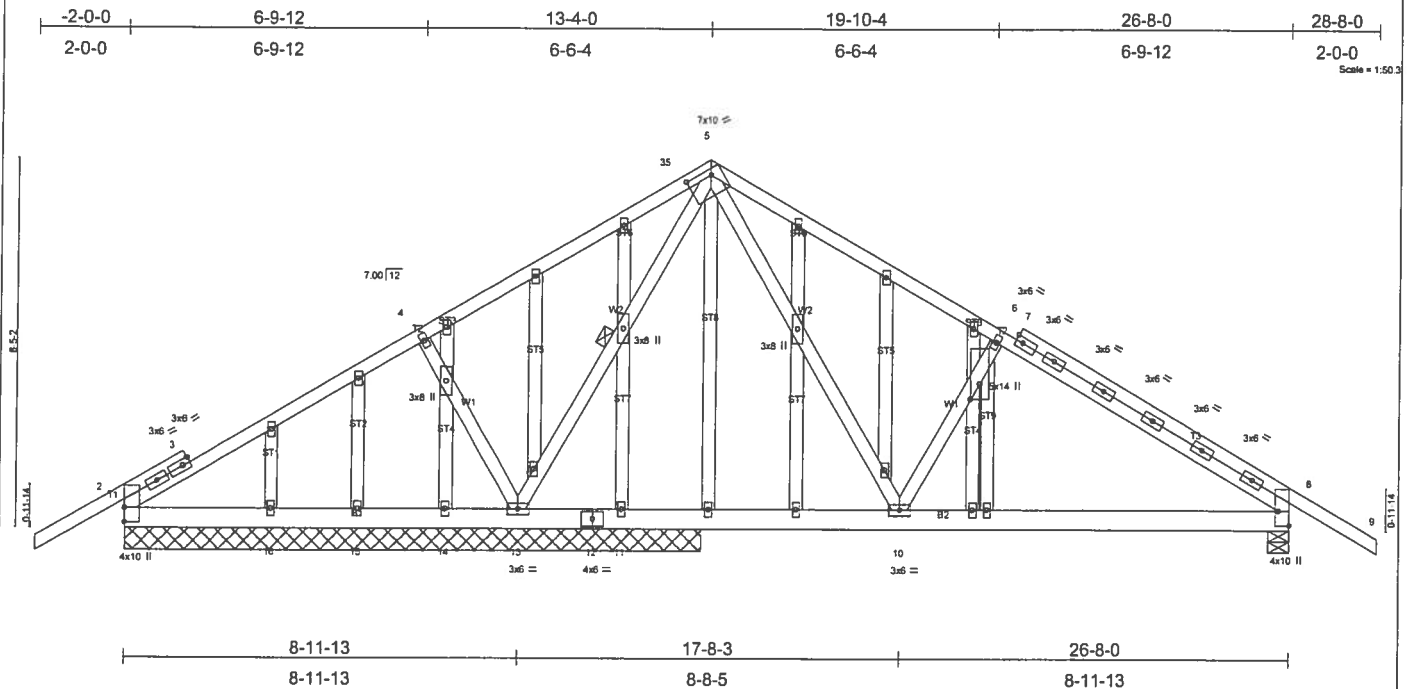


Plate Offsets (X,Y): [2:Edge,0-0-0], [5:0-7-0,0-1-12], [8:Edge,0-0-0], [18:0-4-3,0-2-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.82	Vert(LL)	-0.06	8-10	>999	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.20	Vert(TL)	-0.10	8-10	>999	180	244/190
BCCL 10.0	Rep Stress Incr	NO	WB 0.45	Horz(TL)	0.01	8	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						Weight: 237 lb

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-1-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 5-13

REACTIONS (lb/size) 2=575/13-2-0, 8=1033/0-6-0, 13=1250/13-2-0, 11=195/13-2-0, 14=104/13-2-0, 15=-21/13-2-0, 16=239/13-2-0
 Max Horz 2=282(load case 4)
 Max Uplift 2=-293(load case 5), 8=-451(load case 6), 13=-541(load case 5), 14=-8(load case 6), 15=-21(load case 1), 16=-91(load case 5)
 Max Grav 2=587(load case 9), 8=1033(load case 1), 13=1250(load case 1), 11=195(load case 1), 14=104(load case 1), 15=59(load case 5), 16=239(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2/48, 2-3=-466/169, 3-4=-261/152, 4-35=-159/154, 5-35=0/156, 5-6=-1155/500, 6-7=-1138/487, 7-8=-1306/481, 8-9=0/30
 BOT CHORD 2-16=-209/241, 15-16=-209/241, 14-15=-209/241, 13-14=-209/241, 12-13=-82/477, 11-12=-82/477, 10-11=-82/477, 8-10=-269/1069
 WEBS 4-13=-483/366, 5-13=-993/330, 5-10=-309/774, 6-10=-511/376

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable studs spaced at 2-0-0 oc.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 293 lb uplift at joint 2, 451 lb uplift at joint 8, 541 lb uplift at joint 13, 8 lb uplift at joint 14, 21 lb uplift at joint 15 and 91 lb uplift at joint 16.
 - 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 1-35=-87(F=-33), 5-35=-114(F=-60), 5-6=-114(F=-60), 6-9=-54, 2-8=-30

Job L151023	Truss T03T	Truss Type SPECIAL	Qty 4	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:40 2006 Page 1		

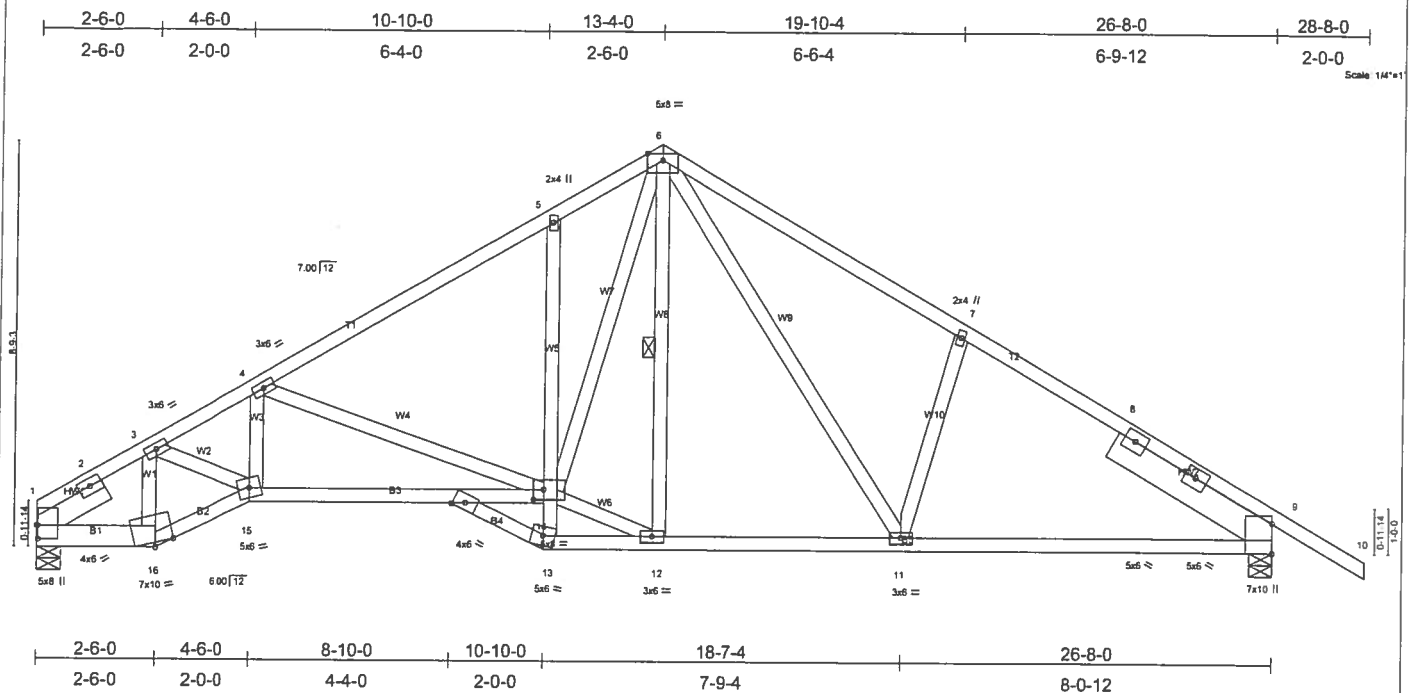


Plate Offsets (X,Y): [1:0-3-8,0-0-4], [9:Edge,0-0-0], [14:0-2-8,0-2-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.34	Vert(LL)	-0.14	14-15	>999	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.53	Vert(TL)	-0.23	14-15	>999		
BCLL 10.0	Lumber Increase 1.25	WB 0.59	Horz(TL)	0.09	9	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 188 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B1 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 6 SYP No.1D 1-7-13, Right 2 X 8 SYP No.1D 4-0-9

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-11-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-10-9 oc bracing.
 WEBS 1 Row at midpt 6-12

REACTIONS

(lb/size) 1=1113/0-6-0, 9=1230/0-6-0
 Max Horz 1=-304(load case 3)
 Max Uplift 1=-357(load case 5), 9=-475(load case 6)

FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1494/531, 2-3=-1438/532, 3-4=-2190/738, 4-5=-1485/560, 5-6=-1412/673, 6-7=-1429/650, 7-8=-1466/555, 8-9=-1560/526, 9-10=0/26
 BOT CHORD 1-16=-416/1129, 15-16=-440/1243, 14-15=-642/1894, 12-13=-8/26, 11-12=-151/902, 9-11=-303/1224
 WEBS 3-16=-607/187, 3-15=-268/923, 4-15=-35/327, 4-14=-738/382, 13-14=0/17, 5-14=-261/242, 6-12=-220/74, 6-11=-285/521, 7-11=-252/297,
 6-14=-438/952, 12-14=-154/944

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 357 lb uplift at joint 1 and 475 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L151023	Truss T04	Truss Type HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Mon Feb 20 15:50:41 2006 Page 1		

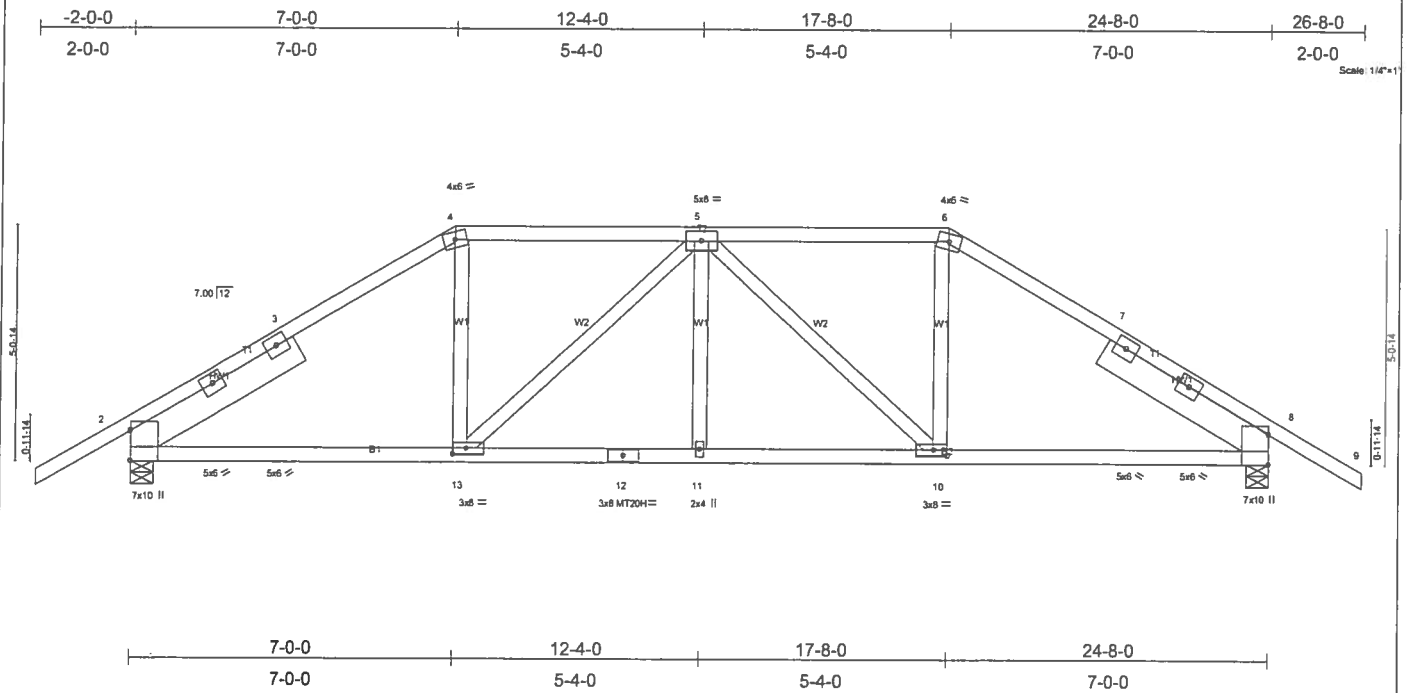


Plate Offsets (X,Y): [2:Edge,0-0-0], [8:Edge,0-0-0], [10:0-3-8,0-1-8], [13:0-3-8,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.98	Vert(LL) 0.19	10-11	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.84	Vert(TL) -0.30	11-13	>990	180	MT20H	187/143
BCLL 10.0	Rep Stress incr NO	WB 0.80	Horz(TL) 0.10	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						Weight: 150 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.1D *Except*
 T2 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.1D
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 4-2-13, Right 2 X 8 SYP No.1D 4-2-13

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

REACTIONS (lb/size) 2=2201/0-6-0, 8=2201/0-6-0
 Max Horz 2=-168(load case 2)
 Max Uplift 2=-1150(load case 4), 8=-1150(load case 5)

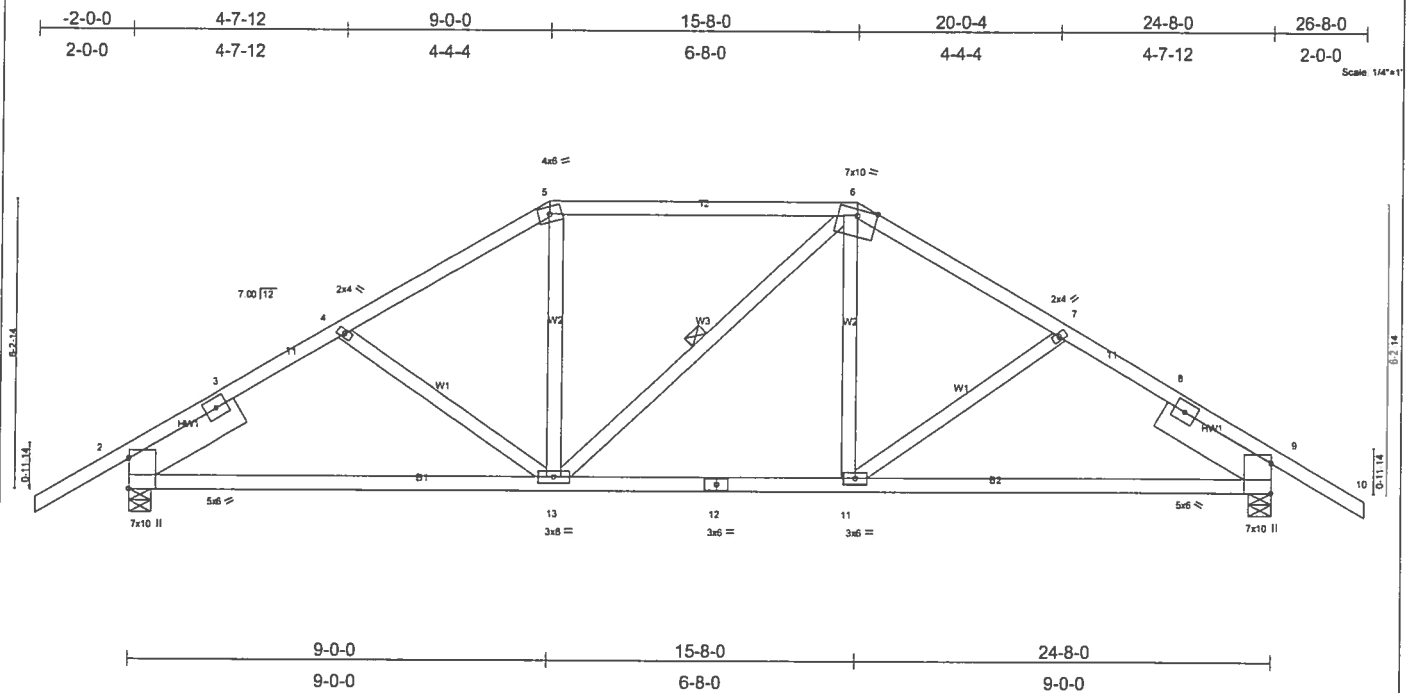
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=3270/1685, 3-4=-3158/1698, 4-5=-2664/1487, 5-6=-2664/1487, 6-7=-3158/1698, 7-8=3270/1685, 8-9=0/26
 BOT CHORD 2-13=-1477/2622, 12-13=-1842/3288, 11-12=-1842/3288, 10-11=-1842/3288, 8-10=-1336/2622
 WEBS 4-13=-714/1389, 5-13=-936/658, 5-11=0/379, 5-10=-936/658, 6-10=-714/1389

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All plates are MT20 plates unless otherwise indicated.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1150 lb uplift at joint 2 and 1150 lb uplift at joint 8.
 - 6) Girder carries hip end with 7-0-0 end setback.
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 374 lb up at 17-8-0, and 539 lb down and 374 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 4-6=-117(F=63), 6-9=-54, 2-13=-30, 10-13=-65(F=35), 8-10=-30
 Concentrated Loads (lb)
 Vert: 13=-539(F) 10=-539(F)

Job L151023	Truss T05	Truss Type HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6.200 s Jul 13 2005 Mittek Industries, Inc. Mon Feb 20 15:50:43 2006 Page 1



LOADING (psf)		SPACING		CSI		DEFL		PLATES		GRIP	
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.12	MT20		244/190	
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.21				
BCLL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.04				
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							
										Weight: 147 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 2-9-8, Right 2 X 8 SYP No.1D 2-9-8

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-11-11 oc purins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 6-13

REACTIONS (lb/size) 2=1144/0-6-0, 9=1144/0-6-0
 Max Horz 2=-209(load case 3)
 Max Uplift 2=427(load case 5), 9=-427(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=-1397/508, 3-4=-1321/524, 4-5=-1219/497, 5-6=-1036/489, 6-7=-1219/497, 7-8=-1321/524, 8-9=-1397/508, 9-10=0/26
 BOT CHORD 2-13=-367/1081, 12-13=-211/1035, 11-12=-211/1035, 9-11=-289/1081
 WEBS 4-13=-140/156, 5-13=-39/257, 6-13=-131/131, 6-11=45/264, 7-11=-141/156

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 427 lb uplift at joint 2 and 427 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L151023	Truss T06	Truss Type HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:44 2006 Page 1		

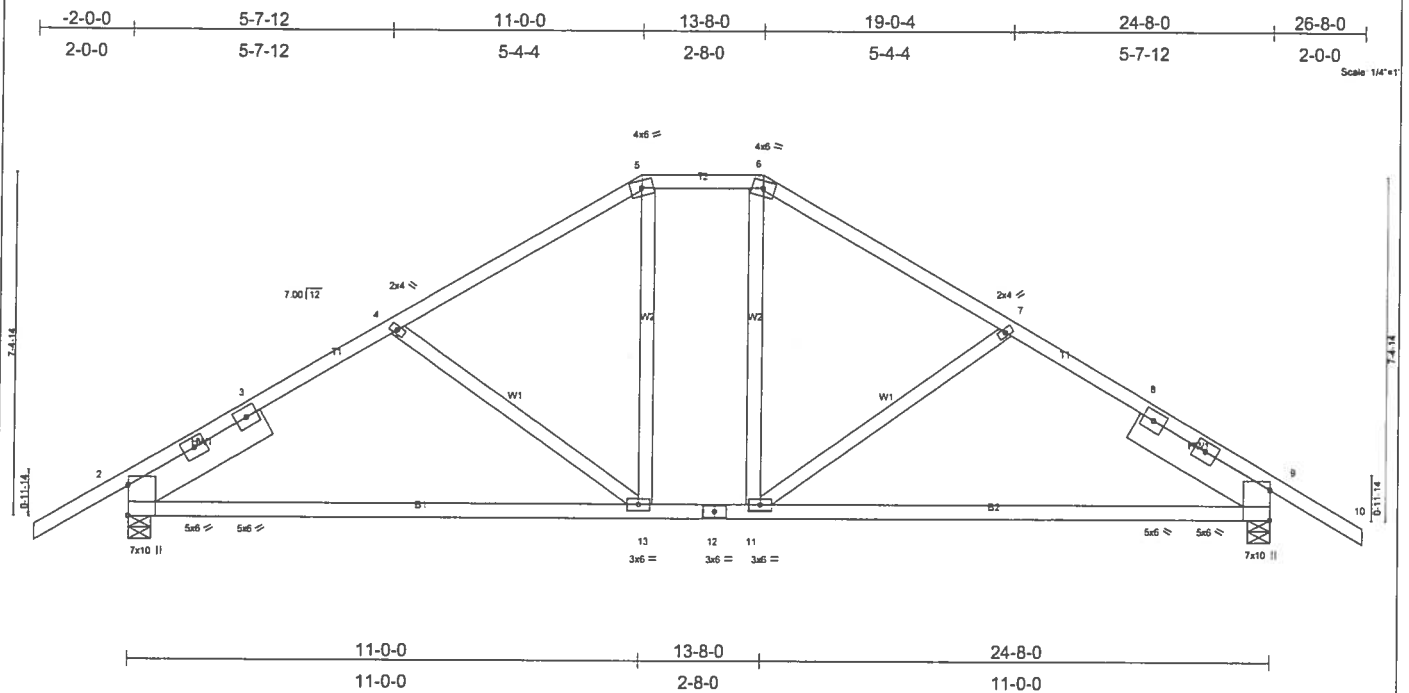


Plate Offsets (X,Y): [2:Edge,0-0-0], [9:Edge,0-0-0]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.25	Vert(LL) -0.32	9-11	>914	240		MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.68	Vert(TL) -0.50	9-11	>591	180			
BCLL 10.0	Rep Stress Incr YES	WB 0.21	Horz(TL) 0.04	9	n/a	n/a			
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
									Weight: 147 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 3-5-7, Right 2 X 8 SYP No.1D 3-5-7

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-4-7 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1144/0-6-0, 9=1144/0-6-0
 Max Horz 2=-249(load case 3)
 Max Uplift 2=-439(load case 5), 9=-439(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=1380/499, 3-4=1292/521, 4-5=1129/461, 5-6=920/459, 6-7=1129/461, 7-8=1292/521, 8-9=1380/499, 9-10=0/26
 BOT CHORD 2-13=338/1083, 12-13=138/920, 11-12=138/920, 9-11=281/1083
 WEBS 4-13=257/249, 5-13=80/313, 6-11=80/313, 7-11=257/249

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 439 lb uplift at joint 2 and 439 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L151023	Truss T07	Truss Type COMMON	Qty 4	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:45 2006 Page 1		

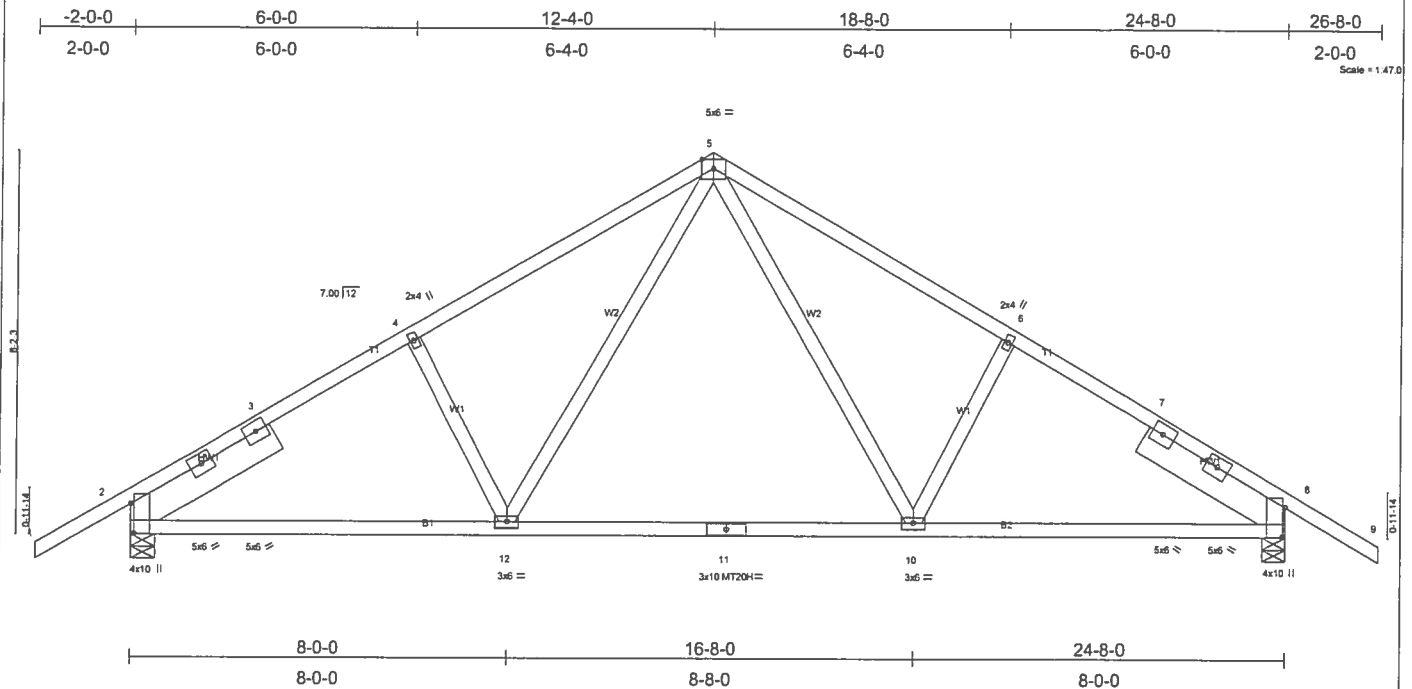


Plate Offsets (X,Y): [2-0-7-9-0-0-12], [8-0-7-9-0-0-12]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)
TCLL 20.0	Plates Increase	1.25	TC 0.77	Vert(LL)	-0.44 10-12 >680 240
TCDL 7.0	Lumber Increase	1.25	BC 0.85	Vert(TL)	-0.71 10-12 >419 180
BCLL 10.0	Rep Stress Incr	NO	WB 0.43	Horz(TL)	0.05 8 n/a n/a
BCDL 5.0	Code FBC2004/TP12002		(Matrix)		
			Weight: 147 lb		

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.1D
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 3-7-0, Right 2 X 8 SYP No.1D 3-7-0

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-3-10 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-3-6 oc bracing.

REACTIONS (lb/size) 2=1404/0-6-0, 8=1404/0-6-0
 Max Horz 2=276(load case 4)
 Max Uplift 2=544(load case 5), 8=544(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=1920/648, 3-4=1840/672, 4-5=1746/712, 5-6=1746/712, 6-7=1840/672, 7-8=1920/648, 8-9=0/26
 BOT CHORD 2-12=501/1512, 11-12=255/1114, 10-11=255/1114, 8-10=404/1512
 WEBS 4-12=139/225, 5-12=300/769, 5-10=300/769, 6-10=139/225

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left 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) All plates are MT20 plates unless otherwise indicated.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 544 lb uplift at joint 2 and 544 lb uplift at joint 8.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-5=-54, 5-9=-54, 2-12=-30, 10-12=-90(F=-60), 8-10=-30

Job L151023	Truss T07A	Truss Type COMMON	Qty 12	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:46 2006 Page 1

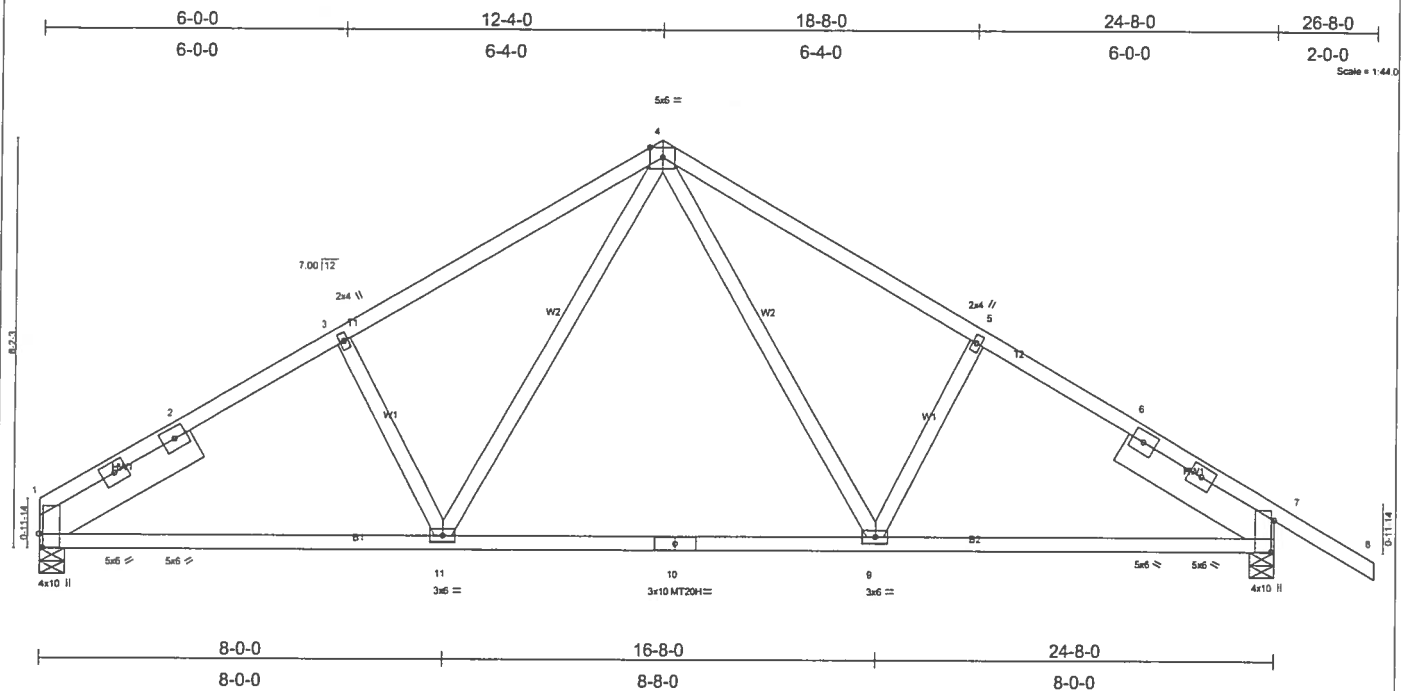


Plate Offsets (X,Y): [1:0-3-4,0-0-12], [7:0-7-9,0-0-12]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.77	Vert(LL)	-0.43	9-11	>683	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.86	Vert(TL)	-0.70	9-11	>421	180	MT20H	187/143
BCLL 10.0	Rep Stress Incr	NO	WB 0.46	Horz(TL)	0.05	7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
Weight: 144 lb										

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.1D
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 3-7-0, Right 2 X 8 SYP No.1D 3-7-0

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-3-3 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-0-11 oc bracing.

REACTIONS (lb/size) 1=1292/0-6-0, 7=1408/0-6-0
 Max Horz 1=-285(load case 3)
 Max Uplift 1=-427(load case 5), 7=-546(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1955/679, 2-3=-1858/693, 3-4=-1765/734, 4-5=-1753/720, 5-6=-1847/681, 6-7=-1927/657, 7-8=0/26
 BOT CHORD 1-11=-526/1534, 10-11=-262/1121, 9-10=-262/1121, 7-9=-411/1517
 WEBS 3-11=-155/242, 4-11=-321/788, 4-9=-300/768, 5-9=-139/225

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical 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.
- All plates are MT20 plates unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 427 lb uplift at joint 1 and 546 lb uplift at joint 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

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 4-8=-54, 1-11=-30, 9-11=-90(F=60), 7-9=-30

Job	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE-NORRIS RES.
L151023	T08	MONO HIP	1	1	Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:47 2006 Page 1		

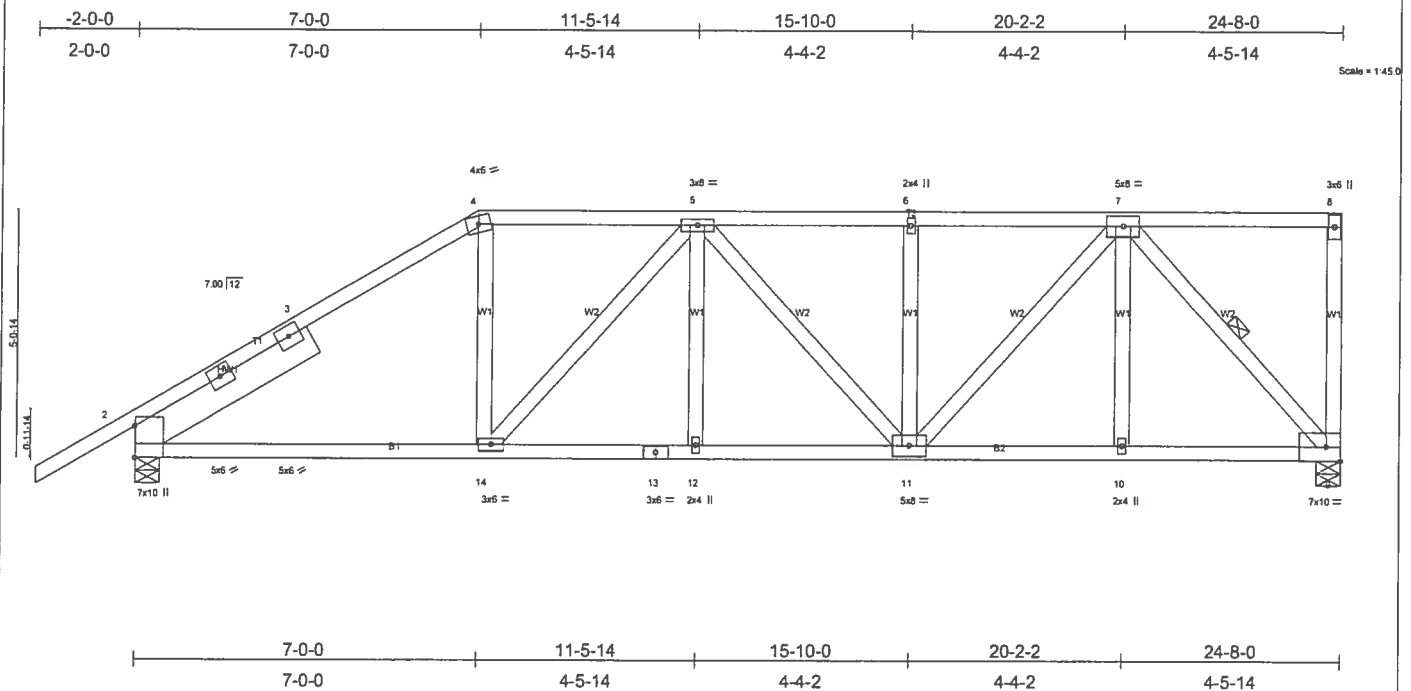


Plate Offsets (X,Y): [2:Edge,0-0-0]											
LOADING (psf)		SPACING 2-0-0		CSI		DEFL				PLATES GRIP	
TCLL	20.0	Plates Increase	1.25	TC	0.78	in (loc)	l/defl	L/d	MT20	244/190	
TCDL	7.0	Lumber Increase	1.25	BC	0.98	Vert(LL)	0.16 12-14	>999	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.60	Vert(TL)	-0.24 12-14	>999	180		
BCDL	5.0	Code FBC2004/TP12002		(Matrix)		Horz(TL)	0.10 9	n/a	n/a		
									Weight: 161 lb		

LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.1D *Except* T2 2 X 4 SYP No.2	TOP CHORD	Structural wood sheathing directly applied or 2-10-5 oc purtins, except end verticals.
BOT CHORD	2 X 4 SYP No.2	BOT CHORD	Rigid ceiling directly applied or 4-9-13 oc bracing.
WEBS	2 X 4 SYP No.3	WEBS	1 Row at midpt 7-9
SLIDER	Left 2 X 8 SYP No.1D 4-2-13		

REACTIONS (lb/size) 9=2245/0-6-0, 2=2112/0-6-0
Max Horz 2=253(load case 4)
Max Uplift 9=-1276(load case 2), 2=-1073(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/26, 2-3=-3111/1567, 3-4=-2997/1579, 4-5=-2526/1376, 5-6=-2720/1512, 6-7=-2720/1512, 7-8=-43/24, 8-9=-231/228
BOT CHORD	2-14=1357/2487, 13-14=-1663/3019, 12-13=-1663/3019, 11-12=-1663/3019, 10-11=-989/1748, 9-10=-989/1748
WEBS	4-14=-716/1293, 5-14=-733/587, 5-12=0/285, 5-11=-445/274, 6-11=-465/469, 7-11=-789/1446, 7-10=0/276, 7-9=-2534/1434

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCFL=4.2psf, BCFL=3.0psf, Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1276 lb uplift at joint 9 and 1073 lb uplift at joint 2.
- 4) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
- 5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 374 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=54, 4-8=115(F=-61), 2-14=30, 9-14=64(F=-34)
Concentrated Loads (lb)
Vert: 14=539(F)

**FEBRUARY 21, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L151023	Truss T09	Truss Type MONO HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:48 2006 Page 1		

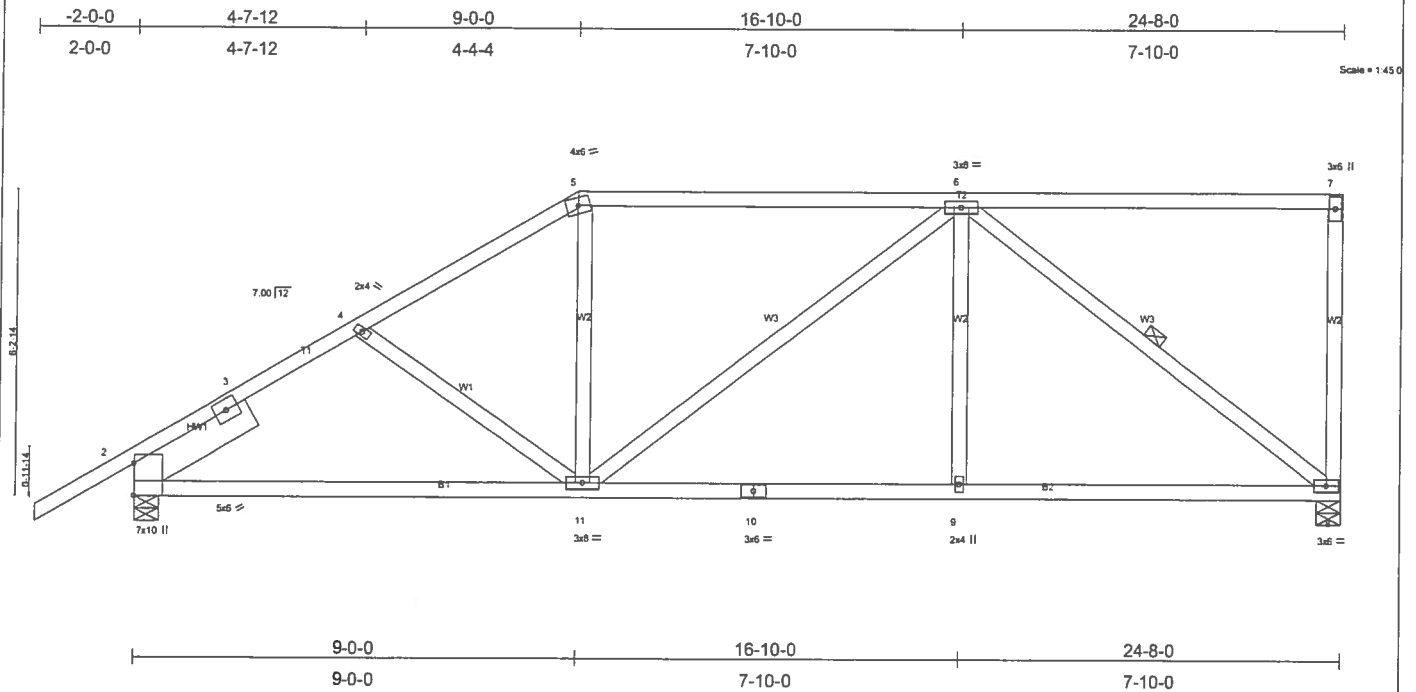


Plate Offsets (X,Y): [2:Edge,0-0-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.62	Vert(LL)	-0.11	2-11	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.50	Vert(TL)	-0.19	2-11	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.53	Horz(TL)	0.04	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 149 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 2-9-8

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

REACTIONS (lb/size) 8=1025/0-6-0, 2=1142/0-6-0
 Max Horz 2=306(load case 5)
 Max Uplift 8=389(load case 3), 2=404(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=1396/469, 3-4=1320/484, 4-5=1224/458, 5-6=1044/458, 6-7=48/21, 7-8=189/154
 BOT CHORD 2-11=548/1078, 10-11=415/983, 9-10=415/983, 8-9=415/983
 WEBS 4-11=152/158, 5-11=0/230, 6-11=99/151, 6-9=0/230, 6-8=1182/501

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 389 lb uplift at joint 8 and 404 lb uplift at joint 2.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE-NORRIS RES.
L151023	T10	MONO HIP	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:50 2006 Page 1		

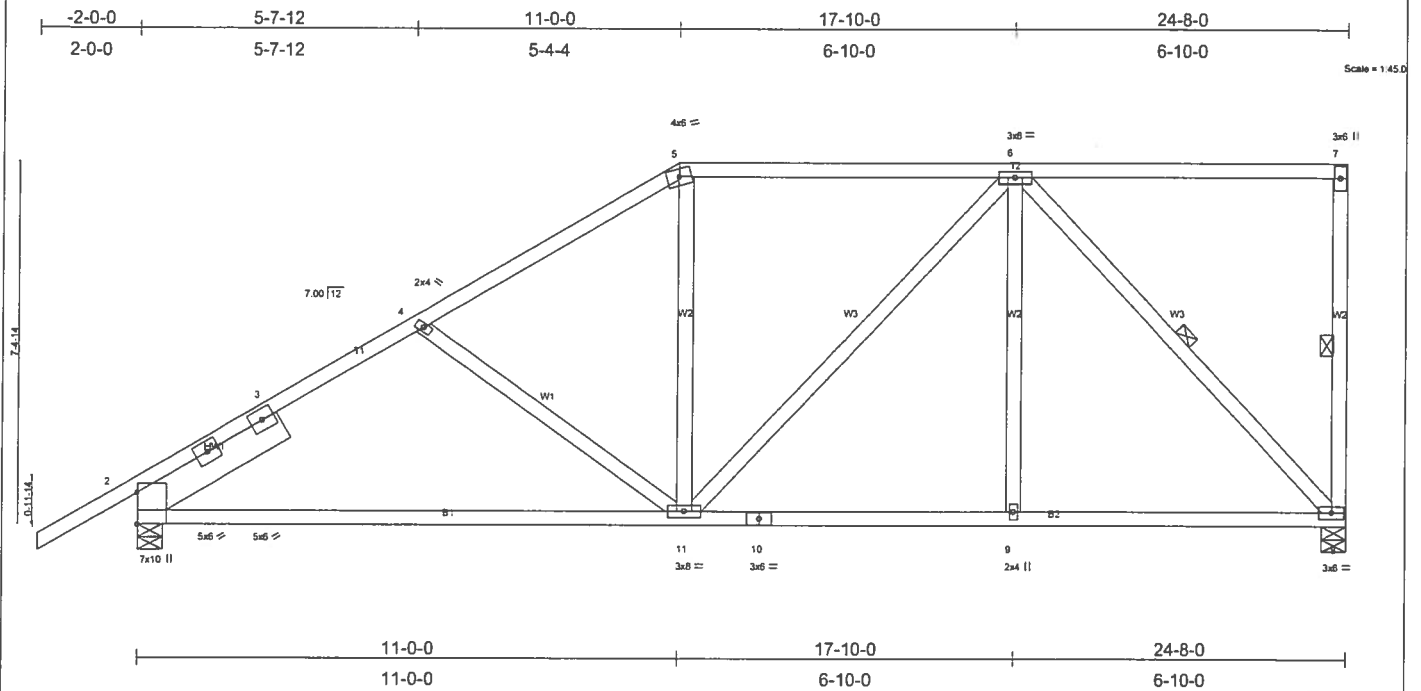


Plate Offsets (X,Y): [2:Edge,0-0-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.42	Vert(LL) -0.24 2-11 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.65	Vert(TL) -0.41 2-11 >716 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.47	Horz(TL) 0.04 8 n/a n/a		
BCDL 5.0	Code FBC2004/TPJ2002	(Matrix)			
Weight: 158 lb					

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 3-5-7

BRACING

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

REACTIONS (lb/size) 8=1025/0-6-0, 2=1142/0-6-0

Max Horz 2=360(load case 5)
 Max Uplift 8=366(load case 4), 2=406(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/26, 2-3=1375/440, 3-4=1286/462, 4-5=1130/405, 5-6=927/413, 6-7=29/11, 7-8=163/130
 BOT CHORD 2-11=-574/1076, 10-11=-324/744, 9-10=-324/744, 8-9=-324/744
 WEBS 4-11=-190/236, 5-11=0/194, 6-11=-157/266, 6-9=0/178, 6-8=1044/458

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 366 lb uplift at joint 8 and 406 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L151023	Truss T11	Truss Type MONO TRUSS	Qty 4	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:51 2006 Page 1

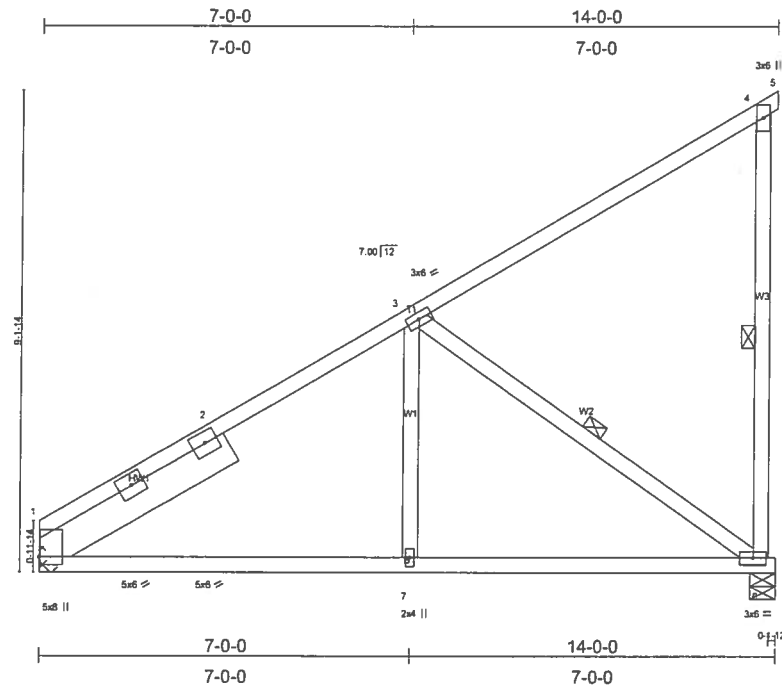


Plate Offsets (X,Y): [1:0-1-12,0-0-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	V/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.41	Vert(LL)	-0.04	1-7	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.26	Vert(TL)	-0.07	1-7	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.19	Horz(TL)	0.01	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
Weight: 89 lb										

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 4-1-12

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 4-6, 3-6

REACTIONS (lb/size) 1=576/Mechanical, 6=580/0-6-0

Max Horz 1=407(load case 5)
 Max Uplift 1=-87(load case 5), 6=-357(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-657/17, 2-3=-493/38, 3-4=-124/59, 4-5=-2/0, 4-6=-156/159
 BOT CHORD 1-7=-312/489, 6-7=-312/489
 WEBS 3-7=0/221, 3-6=-574/370

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; 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 87 lb uplift at joint 1 and 357 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L151023	Truss T12	Truss Type MONO HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mittek Industries, Inc. Mon Feb 20 15:50:52 2006 Page 1		

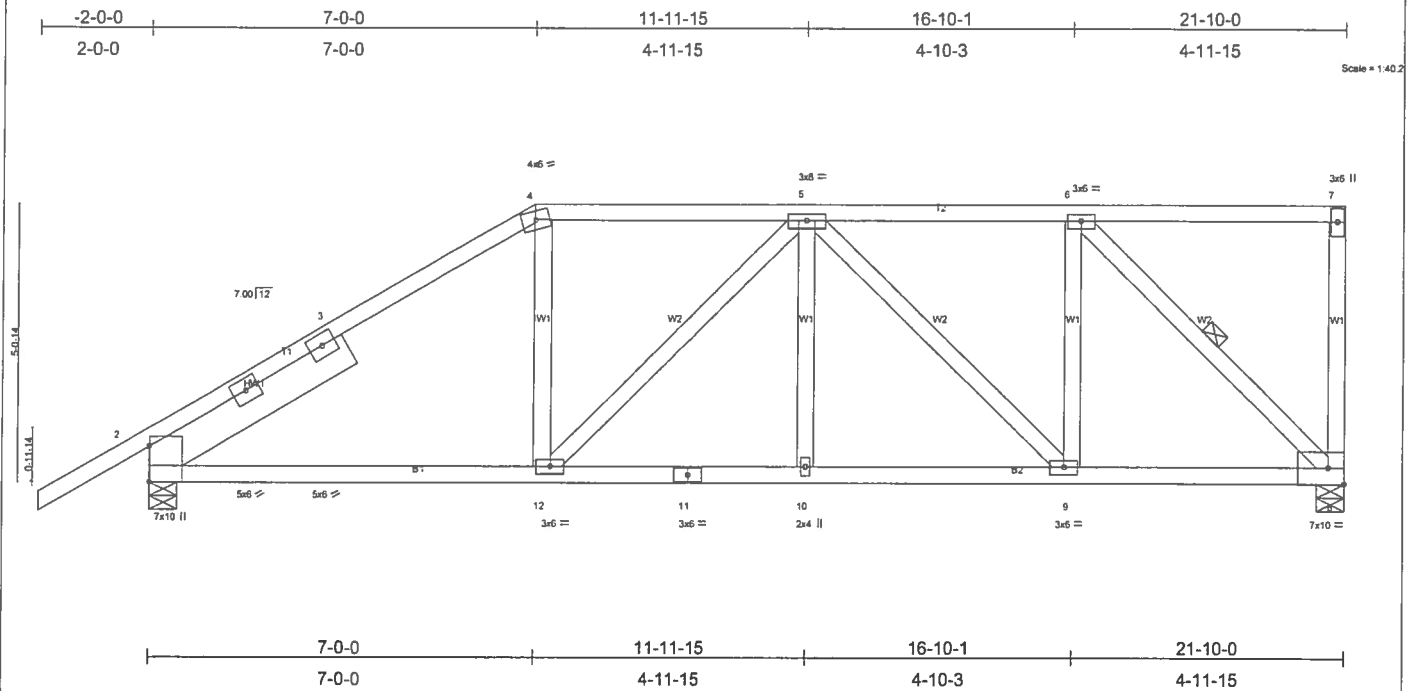


Plate Offsets (X,Y): [2:Edge,0-0-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.79	Vert(LL) 0.13	10-12	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.87	Vert(TL) -0.20	10-12	>999	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.81	Horz(TL) 0.08	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TP2002	(Matrix)						
Weight: 139 lb								

LUMBER

TOP CHORD 2 X 4 SYP No.1D *Except*
T2 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
SLIDER Left 2 X 8 SYP No.1D 4-2-13

BRACING

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

REACTIONS

(lb/size) 8=2000/0-6-0, 2=1852/0-6-0
Max Horz 2=253(load case 4)
Max Uplift 8=1125(load case 2), 2=945(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/26, 2-3=-2668/1323, 3-4=-2555/1337, 4-5=-2154/1172, 5-6=-1660/920, 6-7=-54/32, 7-8=-262/263
BOT CHORD 2-12=-1159/2123, 11-12=-1314/2382, 10-11=-1314/2382, 9-10=-1314/2382, 8-9=-920/1660
WEBS 4-12=-527/997, 5-12=-321/350, 5-10=0/319, 5-9=-1014/569, 6-9=-316/1020, 6-8=-2255/1246

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf, BCDL=3.0psf, Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1125 lb uplift at joint 8 and 945 lb uplift at joint 2.
- 4) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
- 5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 374 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-115(F=61), 2-12=-30, 8-12=-64(F=34)
Concentrated Loads (lb)
Vert: 12=-539(F)

Job L151023	Truss T13	Truss Type MONO HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:53 2006 Page 1

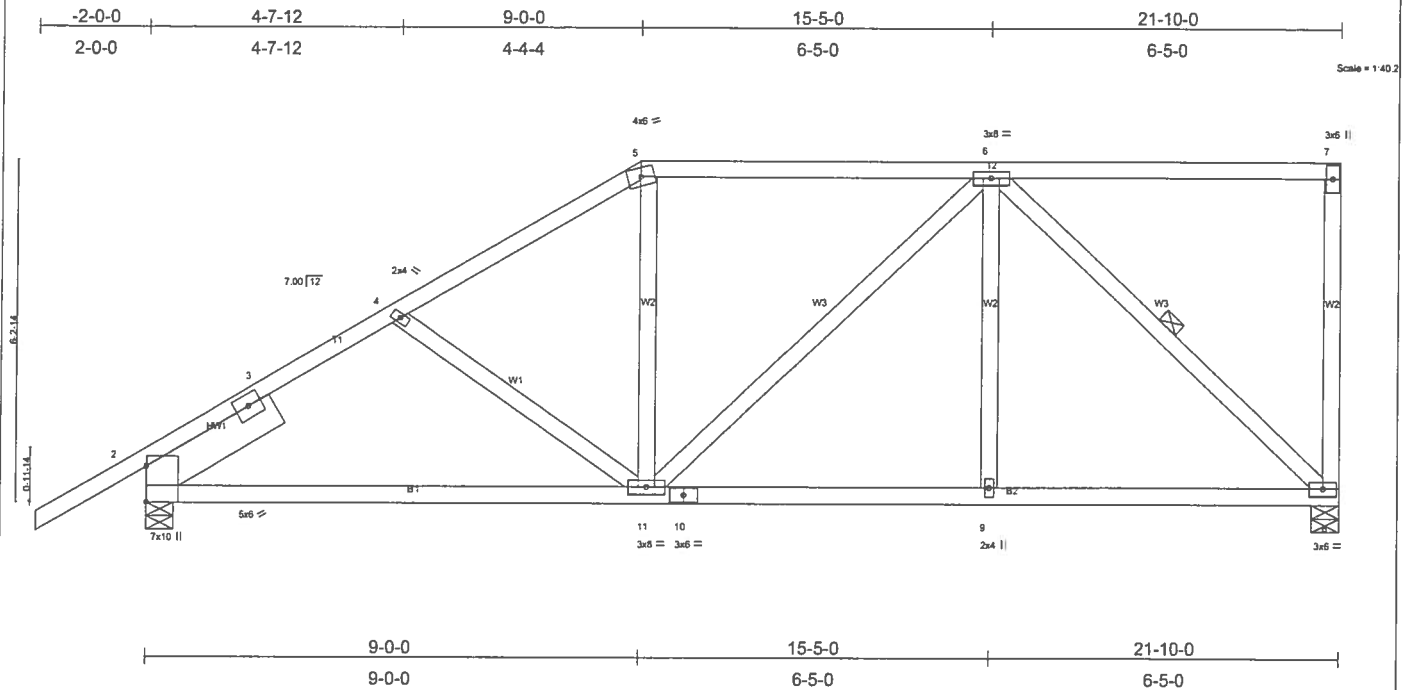


Plate Offsets (X,Y): [2 Edge,0-0-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.39	Vert(LL)	-0.11	2-11	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.49	Vert(TL)	-0.19	2-11	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.35	Horz(TL)	0.03	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
										Weight: 137 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 2-9-8

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

REACTIONS (lb/size) 8=906/0-6-0, 2=1024/0-6-0
 Max Horz 2=306(load case 5)
 Max Uplift 8=-327(load case 4), 2=-372(load case 5)

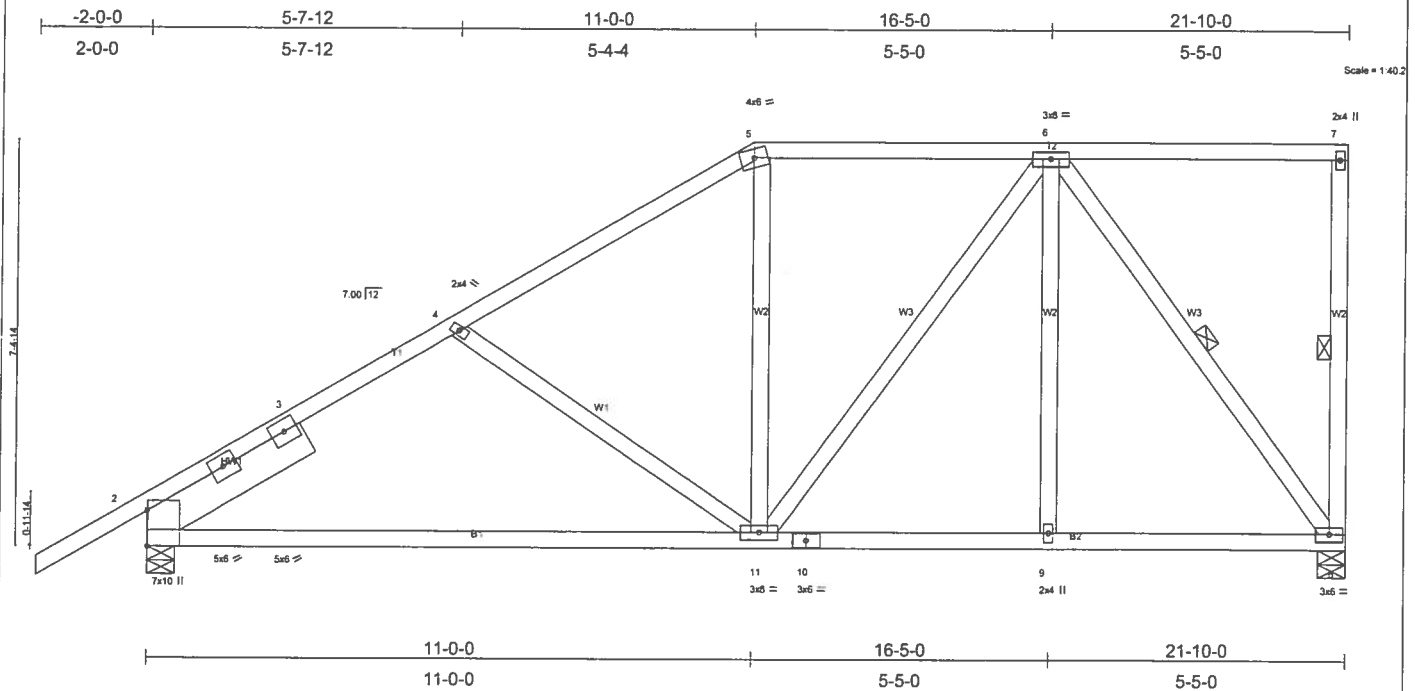
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=-1201/390, 3-4=-1126/406, 4-5=-1010/370, 5-6=-849/376, 6-7=-31/13, 7-8=-154/123
 BOT CHORD 2-11=-486/924, 10-11=-312/725, 9-10=-312/725, 8-9=-312/725
 WEBS 4-11=-125/172, 5-11=0/172, 6-11=-118/170, 6-9=0/178, 6-8=-957/414

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 327 lb uplift at joint 8 and 372 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L151023	Truss T14	Truss Type MONO HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:54 2006 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.25	Vert(LL)	-0.23	2-11	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.63	Vert(TL)	-0.41	2-11	>642	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.33	Horz(TL)	0.03	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
Weight: 147 lb										

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD
BOT CHORD 2 X 4 SYP No.2	BOT CHORD
WEBS 2 X 4 SYP No.3	WEBS
SLIDER Left 2 X 8 SYP No.1D 3-4-7	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
	Rigid ceiling directly applied or 8-9-10 oc bracing.
	1 Row at midpt 7-8, 6-8

REACTIONS (lb/size) 8=906/0-6-0, 2=1024/0-6-0
 Max Horz 2=360(load case 5)
 Max Uplift 8=318(load case 4), 2=371(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=1177/358, 3-4=1031/380, 4-5=919/312, 5-6=736/331, 6-7=-18/6, 7-8=-130/100
 BOT CHORD 2-11=509/918, 10-11=-237/530, 9-10=-237/530, 8-9=-237/530
 WEBS 4-11=-224/247, 5-11=0/121, 6-11=-176/345, 6-9=0/116, 6-8=-861/388

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) Provide adequate drainage to prevent water ponding.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 318 lb uplift at joint 8 and 371 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L151023	Truss T15	Truss Type MONO HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES. Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:55 2006 Page 1		

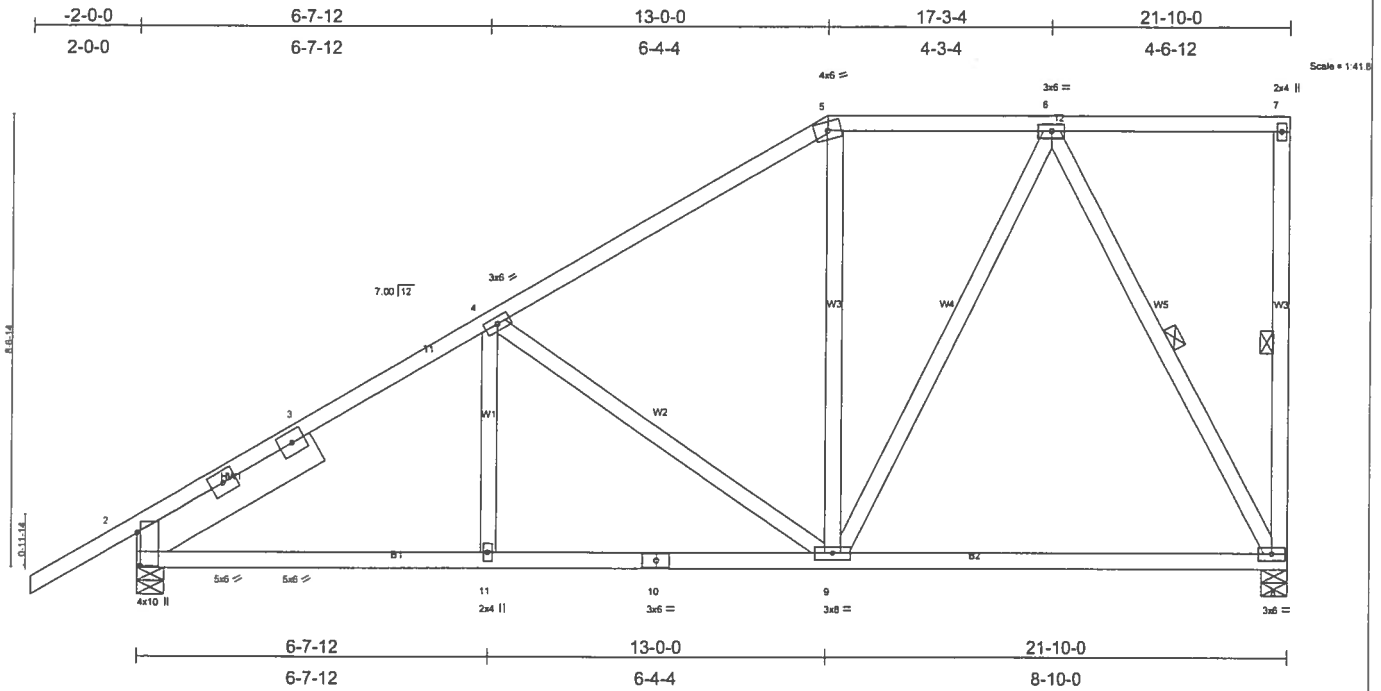


Plate Offsets (X,Y): [2 0-7-9,0-0-12]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.41	Vert(LL)	-0.12	8-9	>999	240	
TCCL 7.0	Lumber Increase	1.25	BC 0.49	Vert(TL)	-0.21	8-9	>999	180	
BCCL 10.0	Rep Stress Incr	YES	WB 0.46	Horz(TL)	0.03	8	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
									Weight: 152 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 8 SYP No.1D 3-11-5

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

REACTIONS (lb/size) 8=906/0-6-0, 2=1024/0-6-0
 Max Horz 2=414(load case 5)
 Max Uplift 8=314(load case 5), 2=365(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/26, 2-3=-1222/292, 3-4=-1138/320, 4-5=-782/251, 5-6=-604/282, 6-7=-22/1, 7-8=-120/81
 BOT CHORD 2-11=-504/948, 10-11=-504/948, 9-10=-504/948, 8-9=-187/377
 WEBS 4-11=0/171, 4-9=-421/299, 5-9=0/89, 6-9=-231/510, 6-8=-754/396

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf, BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 314 lb uplift at joint 8 and 365 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L151023	Truss T16	Truss Type MONO HIP	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Mon Feb 20 15:50:56 2006 Page 1		

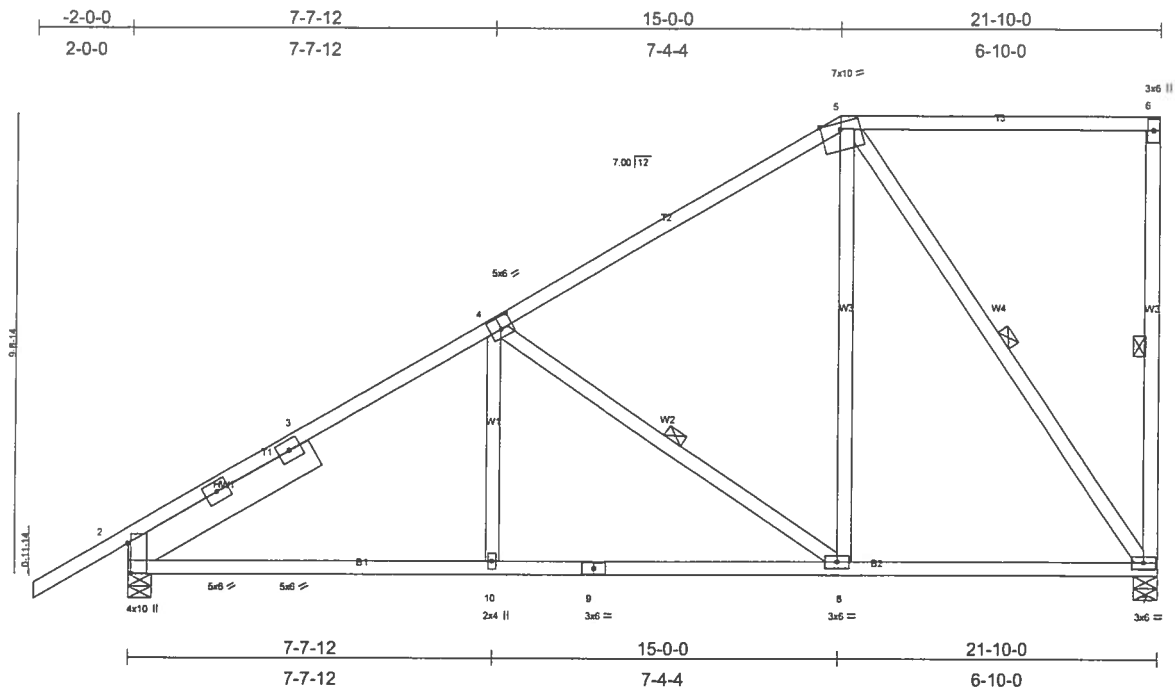


Plate Offsets (X,Y): [2:0-7-9:0-0-12], [4:0-3:0-0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.35	Vert(LL)	-0.07	8-10	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.35	Vert(TL)	-0.12	8-10	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.50	Horz(TL)	0.03	7	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
Weight: 150 lb										

LUMBER

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

BRACING

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

REACTIONS (lb/size) 7=906/0-6-0, 2=1024/0-6-0

Max Horz 2=467(load case 5)
 Max Uplift 7=-354(load case 5), 2=-353(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/26, 2-3=-1199/249, 3-4=-1019/269, 4-5=-649/181, 5-6=-17/12, 6-7=-154/157
 BOT CHORD 2-10=-517/927, 9-10=-517/927, 8-9=-517/927, 7-8=-238/487
 WEBS 4-10=0/228, 4-8=-544/357, 5-8=-152/526, 5-7=-813/402

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf, BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 354 lb uplift at joint 7 and 353 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L151023	Truss T17	Truss Type SPECIAL	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:50:58 2006 Page 1		

2-0-0	6-8-0	12-3-0	19-0-0	24-0-0	29-0-0	33-0-3	35-4-0	42-3-3	47-8-0	49-8-0
2-0-0	6-8-0	5-7-0	6-9-0	5-0-0	5-0-0	4-0-3	2-3-13	6-11-3	5-4-13	2-0-0

Scale = 1:88.5

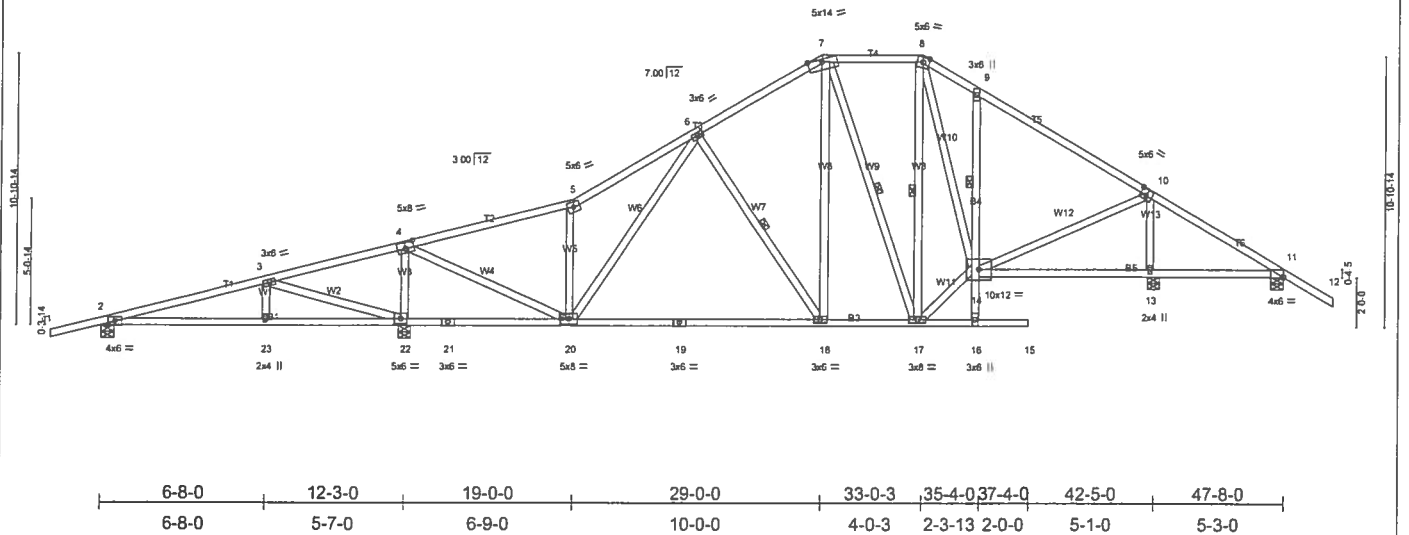


Plate Offsets (X,Y): [4-0-4-0-0-3-0], [10-0-3-0-0-3-0], [11-0-0-0-0-0-4]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.51	Vert(LL)	-0.27	18-20	>999	MT20	244/190
BCDL 7.0	Lumber Increase	1.25	BC 0.55	Vert(TL)	-0.46	18-20	>787		
BCCL 10.0	Rep Stress Incr	YES	WB 0.70	Horz(TL)	0.02	13	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
Weight: 309 lb									

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 5-7-1 oc purlins.
BOT CHORD 2 X 4 SYP No.2 "Except"	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
B4 2 X 4 SYP No.3	1 Row at midpt 9-14
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 6-18, 7-17, 8-17

REACTIONS (lb/size) 2=411/0-6-0, 11=134/0-6-0, 22=2042/0-6-0, 13=1682/0-6-0
 Max Horz 2=373(load case 4)
 Max Uplift 2=483(load case 3), 11=269(load case 6), 22=926(load case 5), 13=464(load case 6)
 Max Grav 2=418(load case 9), 11=176(load case 10), 22=2042(load case 1), 13=1682(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/25, 2-3=224/451, 3-4=523/845, 4-5=1036/289, 5-6=1207/468, 6-7=938/475, 7-8=636/439, 8-9=963/539, 9-10=1032/394,
 10-11=63/398, 11-12=0/54
 BOT CHORD 2-23=417/175, 22-23=417/175, 21-22=786/575, 20-21=786/575, 19-20=219/909, 18-19=219/909, 17-18=162/759, 16-17=36/0,
 15-16=0/0, 14-16=0/130, 9-14=275/310, 13-14=267/167, 11-13=267/167
 WEBS 3-23=227/196, 3-22=976/927, 4-22=1599/792, 4-20=769/1927, 5-20=651/396, 6-20=19/151, 6-18=293/242, 7-18=147/521,
 7-17=409/140, 8-17=316/19, 14-17=127/874, 8-14=122/610, 10-14=209/1178, 10-13=1477/527

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCFL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 483 lb uplift at joint 2, 269 lb uplift at joint 11, 926 lb uplift at joint 22 and 464 lb uplift at joint 13.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE-NORRIS RES.
L151023	T18A	SPECIAL	1	1	
Builders FirstSource, Lake City, FL 32055					6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:50:59 2006 Page 1

2-0-0	6-8-0	12-3-0	19-0-0	23-2-11	27-5-6	34-6-13	36-4-0	42-3-3	47-8-0	49-8-0
2-0-0	6-8-0	5-7-0	6-9-0	4-2-11	4-2-11	7-1-7	1-9-3	5-11-3	5-4-13	2-0-0

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

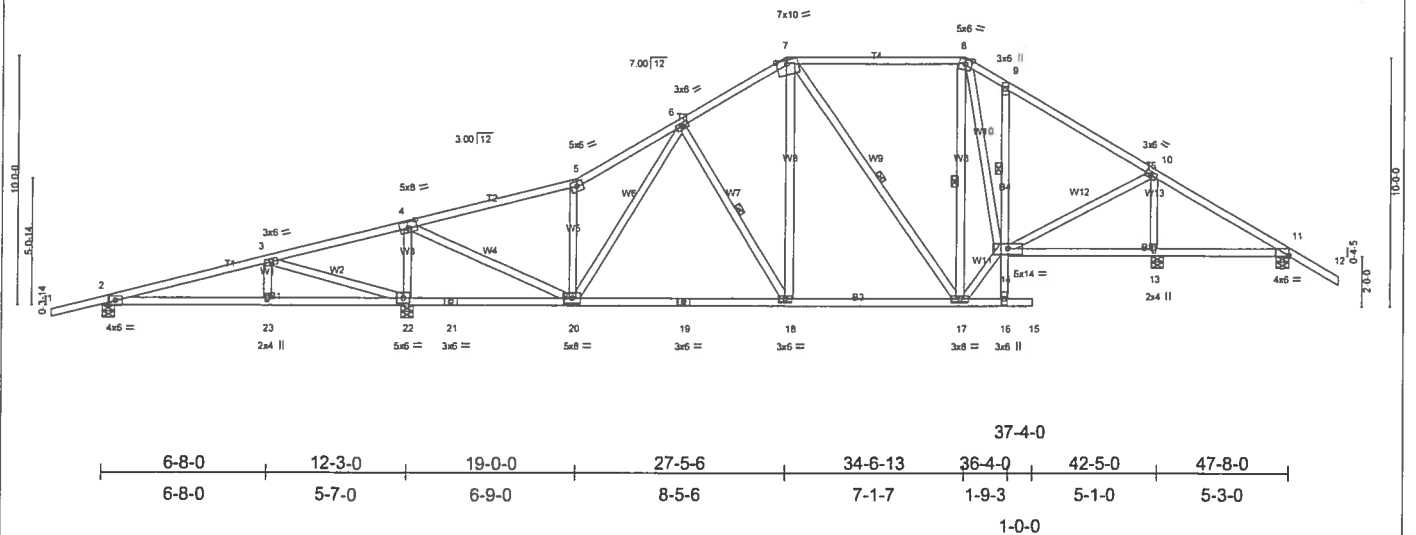


Plate Offsets (X,Y): [4:0-4-0,0-3-0], [11:0-0-0,0-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCCL 20.0	Plates Increase	1.25	TC 0.51	Vert(LL)	-0.16	18-20	>999	240	
TCCL 7.0	Lumber Increase	1.25	BC 0.39	Vert(TL)	-0.27	18-20	>999	180	
BCCL 10.0	Rep Stress Incr	YES	WB 0.71	Horz(TL)	0.02	13	n/a	n/a	
BCCL 5.0	Code FBC2004/TP12002		(Matrix)						
									Weight: 299 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 B4 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-6-2 oc purlins, except 2-0-0 oc purlins (6-0-0 max.); 7-8.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 WEBS 1 Row at midpt 9-14
 1 Row at midpt 6-18, 7-17, 8-17

REACTIONS (lb/size) 2=419/0-6-0, 11=116/0-6-0, 22=2022/0-6-0, 13=1683/0-6-0
 Max Horz 2=342(load case 4)
 Max Uplift 2=475(load case 3), 11=276(load case 6), 22=914(load case 5), 13=450(load case 6)
 Max Grav 2=423(load case 9), 11=160(load case 10), 22=2022(load case 1), 13=1683(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/25, 2-3=243/422, 3-4=-511/810, 4-5=-1023/305, 5-6=-1190/478, 6-7=-987/491, 7-8=-625/433, 8-9=-794/466, 9-10=-928/390, 10-11=-69/448, 11-12=0/54
 BOT CHORD 2-23=-391/194, 22-23=-391/194, 21-22=-752/564, 20-21=-752/564, 19-20=-262/918, 18-19=-262/918, 17-18=-239/824, 16-17=-29/0, 15-16=0/0, 14-16=-5/21, 9-14=-192/209, 13-14=-312/175, 11-13=-312/175
 WEBS 3-23=-228/191, 3-22=-966/926, 4-22=-1566/796, 4-20=-772/1876, 5-20=-642/393, 6-20=-22/112, 6-18=-200/186, 7-18=-112/421, 7-17=-382/144, 8-17=-332/77, 14-17=-207/957, 8-14=-41/385, 10-14=-233/1172, 10-13=-1490/531

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 475 lb uplift at joint 2, 276 lb uplift at joint 11, 914 lb uplift at joint 22 and 450 lb uplift at joint 13.
- 5) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job L151023	Truss T19	Truss Type SPECIAL	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:51:03 2006 Page 1		

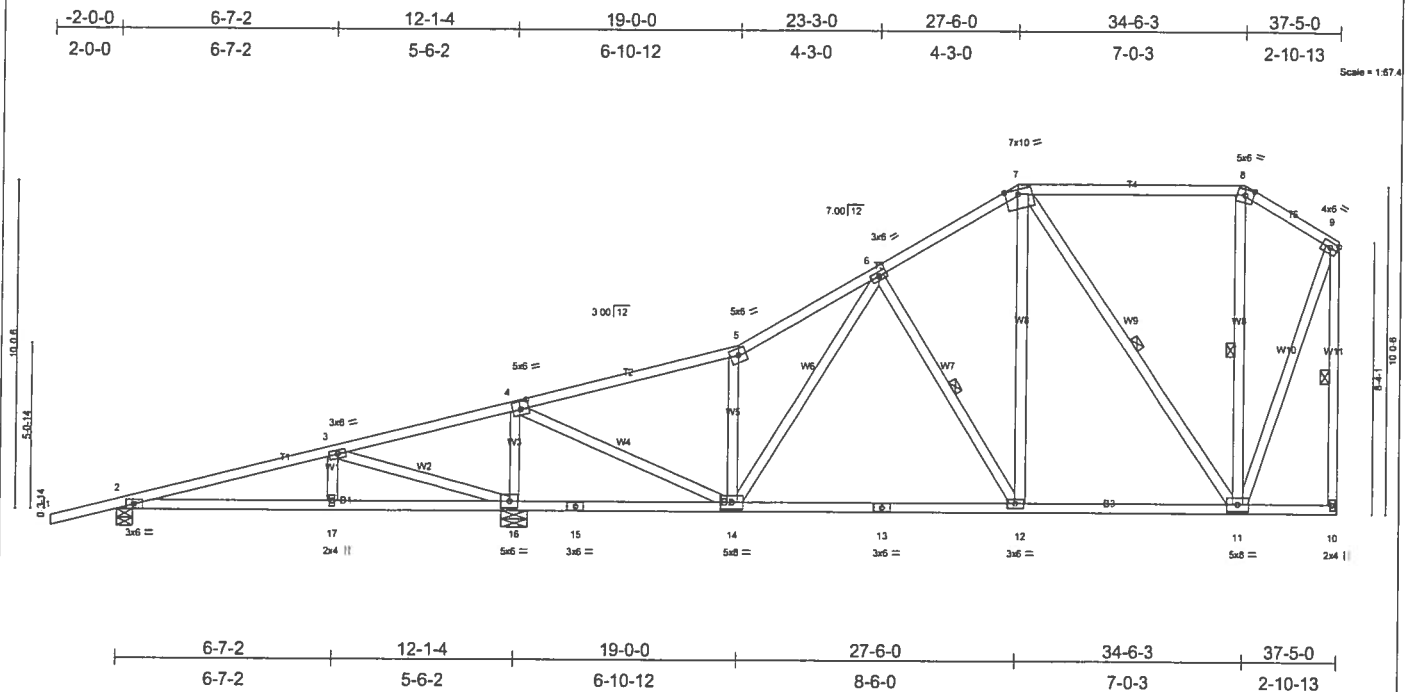


Plate Offsets (X,Y): [4-0-3-0-0-3-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.50	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.36	Vert(LL) -0.15 12-14 >999 240		
BCCL 10.0	Rep Stress Incr YES	WB 0.65	Vert(TL) -0.25 12-14 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.01 10 n/a n/a		
Weight: 243 lb					

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 5-11-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-8.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 6-12, 7-11, 8-11, 9-10

REACTIONS (lb/size) 2=434/0-6-0, 16=1833/0-9-8, 10=964/Mechanical
 Max Horz 2=427(load case 5)
 Max Uplift 2=447(load case 3), 16=865(load case 5), 10=281(load case 5)
 Max Grav 2=435(load case 9), 16=1833(load case 1), 10=964(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/25, 2-3=293/315, 3-4=659/723, 4-5=-874/85, 5-6=-1022/232, 6-7=-722/267, 7-8=-272/169, 8-9=-324/141, 9-10=-936/363
 BOT CHORD 2-17=-518/243, 16-17=-518/243, 15-16=-664/364, 14-15=-664/364, 13-14=-290/715, 12-13=-290/715, 11-12=-217/595, 10-11=-1/3
 WEBS 3-17=-230/187, 3-16=-943/922, 4-16=-1381/738, 4-14=-689/1610, 5-14=-601/329, 6-14=-13/209, 6-12=-244/181, 7-12=-107/461, 7-11=-570/211, 8-11=-200/213, 9-11=-299/811

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 447 lb uplift at joint 2, 865 lb uplift at joint 16 and 281 lb uplift at joint 10.
- Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job L151023	Truss T20	Truss Type SPECIAL	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Feb 20 15:51:04 2006 Page 1		

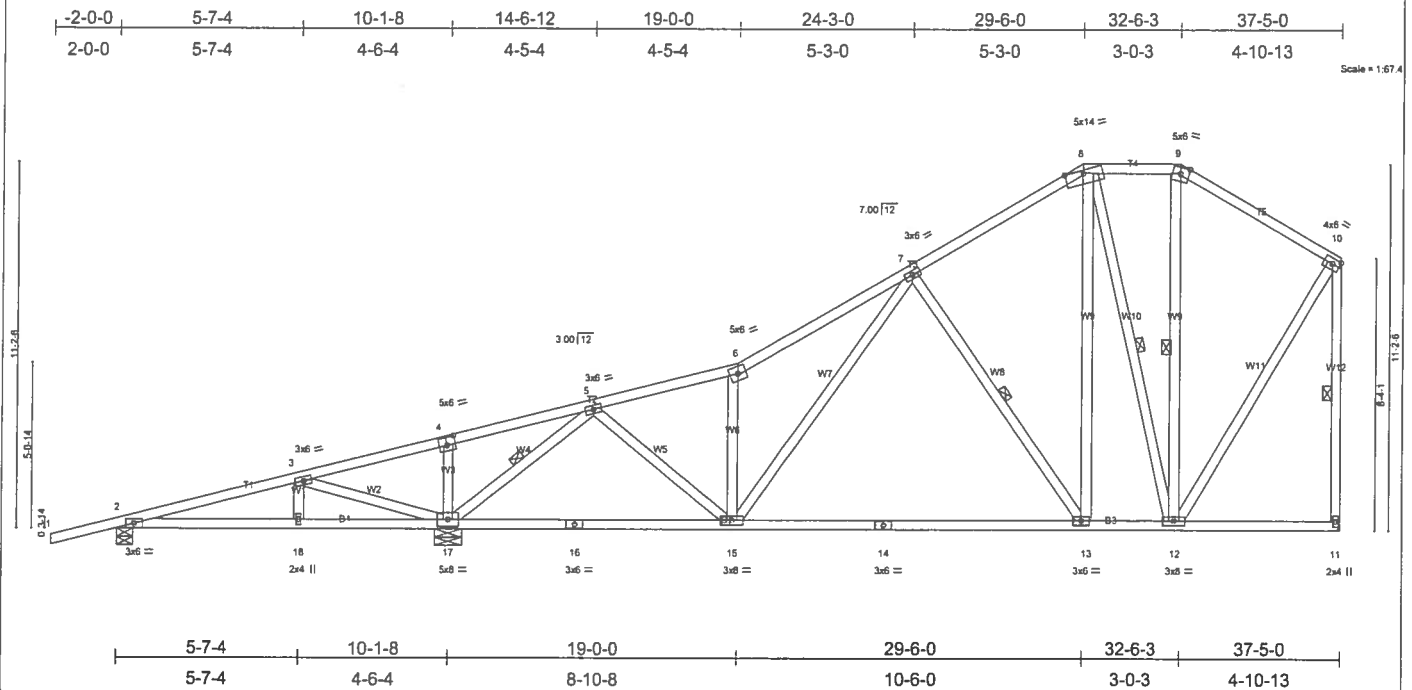


Plate Offsets (X,Y): [4-0-3-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.35	in (loc)	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.54	Vert(LL) -0.29 13-15 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.46	Vert(TL) -0.49 13-15 >664 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.02 11 n/a n/a		
	Code FBC2004/TPI2002			Weight: 254 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-1-15 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 5-17, 7-13, 8-12, 9-12, 10-11

REACTIONS (lb/size) 2=311/0-6-0, 17=1867/0-10-0, 11=1053/Mechanical

Max Horz 2=444(load case 5)
 Max Uplift 2=401(load case 3), 17=-837(load case 5), 11=-346(load case 5)
 Max Grav 2=314(load case 9), 17=1867(load case 1), 11=1053(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/25, 2-3=119/219, 3-4=680/878, 4-5=624/882, 5-6=1223/276, 6-7=1431/435, 7-8=703/297, 8-9=390/260, 9-10=513/238, 10-11=972/412
 BOT CHORD 2-18=-344/0, 17-18=-344/0, 16-17=-309/614, 15-16=-309/614, 14-15=-373/837, 13-14=-373/837, 12-13=-191/549, 11-12=-7/14
 WEBS 3-18=-188/134, 3-17=-741/746, 4-17=-249/218, 5-17=-1871/839, 5-15=-216/718, 6-15=-653/334, 7-15=-158/606, 7-13=-524/330, 8-13=-217/713, 8-12=-665/235, 9-12=-77/128, 10-12=-257/727

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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 2, 837 lb uplift at joint 17 and 346 lb uplift at joint 11.

LOAD CASE(S) Standard

Job L151023	Truss T21	Truss Type SPECIAL	Qty 3	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:51:06 2006 Page 1

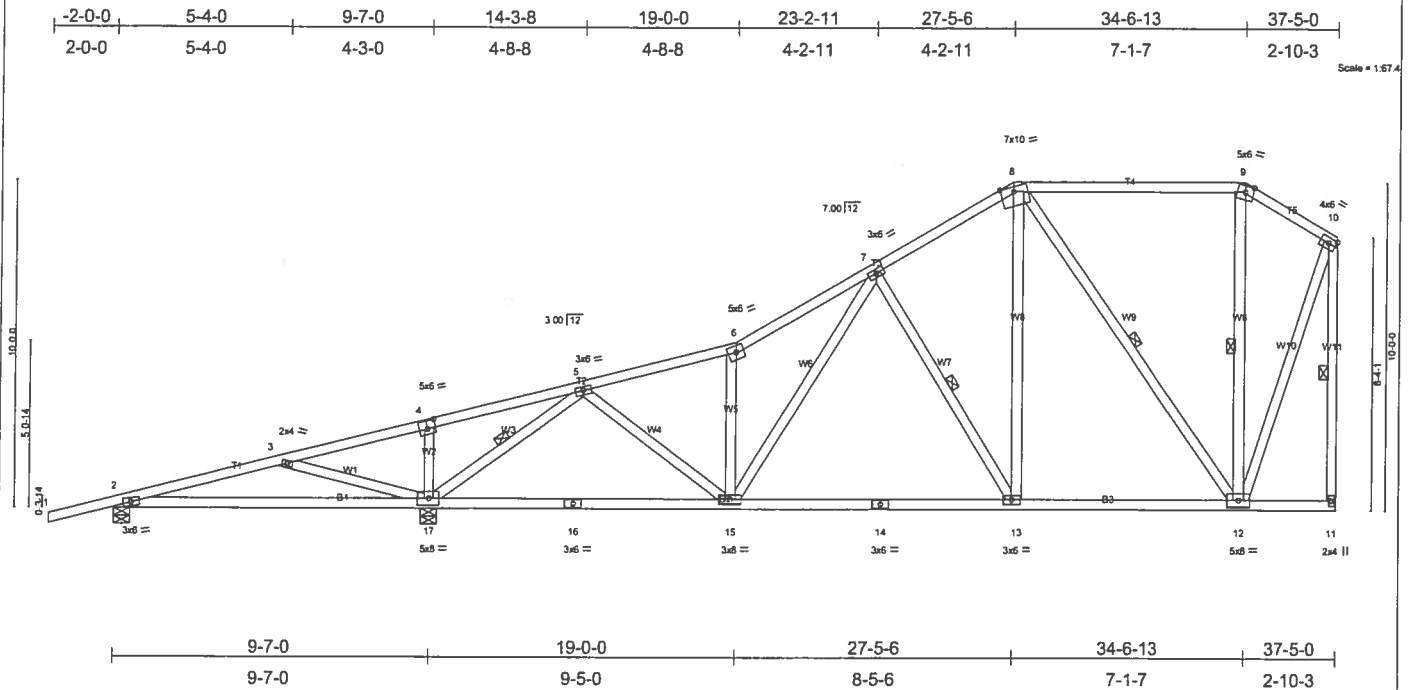


Plate Offsets (X,Y): [4:0-3-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCCL 20.0	Plates Increase 1.25	TC 0.35	Vert(LL) 0.33	2-17	>341	240	MT20	244/190
TCCL 7.0	Lumber Increase 1.25	BC 0.47	Vert(TL) 0.28	2-17	>401	180		
BCCL 10.0	Rep Stress Incr YES	WB 0.47	Horz(TL) 0.03	11	n/a	n/a		
BCCL 5.0	Code FBC2004/TP12002	(Matrix)						
Weight: 245 lb								

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 8-9.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 5-17, 7-13, 8-12, 9-12, 10-11

REACTIONS (lb/size) 2=302/0-6-0, 17=1842/0-6-0, 11=1087/Mechanical
 Max Horz 2=427(load case 5)
 Max Uplift 2=383(load case 3), 17=804(load case 5), 11=337(load case 5)
 Max Grav 2=304(load case 9), 17=1842(load case 1), 11=1087(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/25, 2-3=173/235, 3-4=558/766, 4-5=506/777, 5-6=1342/352, 6-7=1555/509, 7-8=866/349, 8-9=307/188, 9-10=354/161, 10-11=1062/430
 BOT CHORD 2-17=231/0, 16-17=398/774, 15-16=398/774, 14-15=420/958, 13-14=420/958, 12-13=290/721, 11-12=1/3
 WEBS 3-17=548/494, 4-17=251/221, 5-17=1885/818, 5-15=144/634, 6-15=680/345, 7-15=197/647, 7-13=477/283, 8-13=201/654, 8-12=718/294, 9-12=193/211, 10-12=361/928

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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 383 lb uplift at joint 2, 804 lb uplift at joint 17 and 337 lb uplift at joint 11.
- 6) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job L151023	Truss T21A	Truss Type SPECIAL	Qty 1	Ply 1	HUGO ESCALANTE-NORRIS RES.
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Feb 20 15:51:07 2006 Page 1		

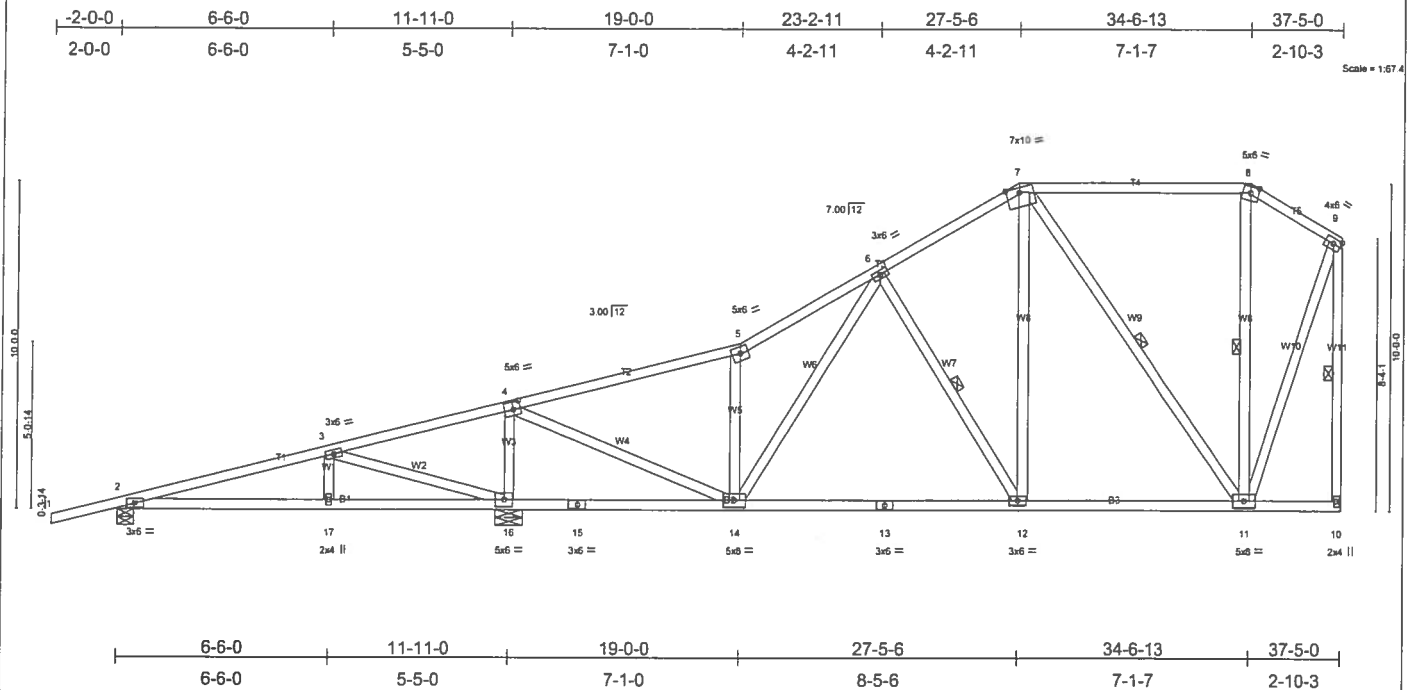


Plate Offsets (X,Y): [4-0-2-12-0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	In (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.51	Vert(LL) -0.14	12-14	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.36	Vert(TL) -0.24	12-14	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.68	Horz(TL) 0.01	10	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)						
								Weight: 243 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 5-9-3 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.); 7-8.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 6-12, 7-11, 8-11, 9-10

REACTIONS (lb/size) 2=425/0-6-0, 16=1832/0-10-0, 10=974/Mechanical
 Max Horz 2=427(load case 5)
 Max Uplift 2=441(load case 3), 16=861(load case 5), 10=285(load case 5)
 Max Grav 2=426(load case 9), 16=1832(load case 1), 10=974(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/25, 2-3=-269/300, 3-4=-659/726, 4-5=-915/106, 5-6=-1068/257, 6-7=-735/273, 7-8=-273/169, 8-9=-320/140, 9-10=-949/368
 BOT CHORD 2-17=504/220, 16-17=-504/220, 15-16=-627/341, 14-15=-627/341, 13-14=-298/734, 12-13=-298/734, 11-12=-224/608, 10-11=-1/3
 WEBS 3-17=-226/182, 3-16=-922/905, 4-16=-1382/739, 4-14=-684/1606, 5-14=-618/339, 6-14=-31/247, 6-12=-258/186, 7-12=-112/473, 7-11=-584/216, 8-11=-204/217, 9-11=-306/828

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 441 lb uplift at joint 2, 861 lb uplift at joint 16 and 285 lb uplift at joint 10.
- Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

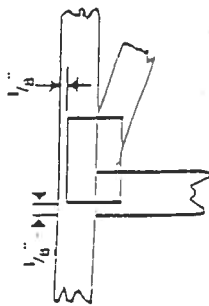
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Symbols

PLATE LOCATION AND ORIENTATION



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



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

* This symbol indicates the required direction of slats in connector plates



PLATE SIZE

4 X 4

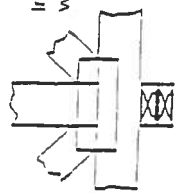
The first dimension is the width perpendicular to slats. Second dimension is the length parallel to slats.

LATERAL BRACING



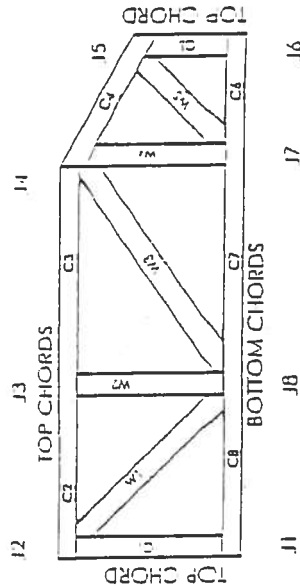
Indicates location of required continuous lateral bracing.

BEARINGS



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/DIIIR	960022-W, 970036-11
IIR	561



MITel Engineering Reference Sheet: MIT-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

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